

SECOND QUARTER 2016 GROUNDWATER MONITORING REPORT FOR SOIL VAPOR EXTRACTION/AIR SPARGING REMEDIAL SYSTEM AND SOIL REMEDATION MEASURES

**OPERABLE UNIT 02 – COMBINED GROUNDWATER
FROST STREET SITES (SITE # 1-30-043 I, L, M)
NEW CASSEL INDUSTRIAL AREA
WESTBURY, NEW YORK**

OCTOBER 2016

PREPARED FOR:

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
BUREAU OF EASTERN REMEDIAL ACTION
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ATTN: MR. JEFFREY DYBER, P.E.**

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Via email to jeffrey.dyber@dec.ny.gov

October 14, 2016
SPGL0100.02

Mr. Jeffrey Dyber, P.E.
New York State Department of Environmental Conservation
Bureau of Eastern Remedial Action
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, New York 12233-7015

Re: Quarterly Groundwater Monitoring Report – 2nd Quarter 2016
New Cassel Industrial Area, Westbury, New York
Frost Street Sites, Site IDs # 1-30-043 I, L, M

Dear Mr. Dyber:

This letter report presents the results of the second quarter 2016 groundwater sampling event at the Frost Street Sites. The Frost Street Sites are listed by the NYSDEC as Site No. 1-30-043 I (Former Autoline Automotive Site), 1-30-043 L (89 Frost Street Site), and 1-30-043 M (Former Applied Fluidics Site). Walden Environmental Engineering, PLLC (Walden) is implementing the long-term groundwater monitoring program to evaluate the effectiveness of the soil vapor extraction/air sparging (SVE/AS) system at the Frost Street Sites. The SVE/AS system was installed at the Frost Street Sites as part of the remedy selected in NYSDEC's March 2000 Record of Decision for Operable Unit 02 – Combined Groundwater.

Quarterly groundwater sampling was conducted on June 29, June 30 and July 1, 2016 in accordance with the NYSDEC-approved *Final Engineering Report and Operation, Maintenance and Monitoring Plan* (O,M&M Plan, Walden, June 2006) and the revised monitoring well sampling program set forth in the NYSDEC-approved *Monitoring Well Sampling Addendum* ("Sampling Addendum", EnSafe, January 25, 2016). Refer to Figure 1 for the locations of all 29 Site-related monitoring wells included in the Frost Street Sites monitoring well network. The SVE/AS well locations are shown on Figure 2.



During the June – July 2016 sampling event, groundwater samples were collected from nine (9) Site-related groundwater monitoring wells as specified in the Sampling Addendum. Refer to attached Tables 1-3 for information on the monitoring wells, historic water level elevations and historic volatile organic compound (VOC) concentrations at each of the 29 monitoring wells that make up the Frost Street Sites groundwater monitoring network.

Field Work Summary

The field work completed during the second quarter 2016 sampling event is described below. Detailed groundwater sampling procedures are outlined in the O,M&M Plan.

- Walden collected groundwater samples from nine (9) Site-related monitoring wells (MW-1A, MW-2A, MW-2B, MW-4A, MW-4B, MW-8A, MW-13A, MW-14A and MW-14B) on June 29, June 30 and July 1, 2016 per the Sampling Addendum.
- Quality control samples were also collected during this quarterly sampling event. Equipment blank (Equipment 06292016, Equipment 06302016, and Equipment 07012016) and blind field duplicate (Duplicate 06292016, Duplicate 06302016, and Duplicate 07012016) samples were collected on June 29, June 30 and July 1, 2016.
- A minimum of three volumes of groundwater were purged from each well using a submersible pump. During purging, the turbidity, specific conductance, pH and temperature of groundwater in each monitoring well was measured at intervals of one volume, two volumes, three volumes, and so on, with a pre-calibrated instrument. The objective of the purging and parameter-monitoring process is to ensure that representative groundwater samples have a turbidity value of 50 NTUs or less, wherever reasonably possible.
- Approximately 235 gallons of accumulated purge water was temporarily stored in an upright polypropylene tank, filtered through activated carbon, and then discharged into the NCDPW municipal sewage collection system via the sewer manhole located at the end of Main Street, behind the Century 21 building and just west of the 101 Frost Street sewer line clean-out in accordance with NCDPW authorization.
- The groundwater samples were submitted to TestAmerica Laboratories, Inc., of Edison, New Jersey, a NYSDOH ELAP CLP laboratory. The groundwater samples were analyzed for TCL VOCs CLP (OLM 4.2 List) with Superfund equivalent deliverables in accordance with NYSDEC Analytical Services Protocol (ASP) Category B.



- Walden recorded static groundwater elevation measurements in the monitoring wells using an electric water level probe on July 1, 2016.

Summary of Analytical Results

Table 4 summarizes the water level elevations in the 29 Site-related monitoring wells for all quarterly and annual groundwater monitoring events conducted since the SVE/AS system started operating in September 2005. Table 5 summarizes only the second quarter 2016 VOC concentrations in the nine (9) Site-related monitoring wells sampled in June – July 2016. Table 6 presents the VOC concentrations in the 29 Site-related monitoring wells for all of the quarterly and annual groundwater monitoring events.

The second quarter 2016 groundwater monitoring results are summarized as follows:

- The June – July 2016 water table elevations decreased an average of 1.05 feet compared with the first quarter 2016 elevations measured in April 2016. The quarterly water levels are summarized in Table 4.
- The laboratory data analytical report for the June – July 2016 quarterly groundwater samples is attached as Appendix A.
- The June – July 2016 groundwater sampling data validation report is attached as Appendix B. The validated June – July 2016 quarterly sampling groundwater monitoring analytical data will be submitted to NYSDEC during the week of October 17, 2016 per the Electronic Data Deliverable (EDD) requirements.
- The quarterly groundwater analytical results are summarized in Tables 5 and 6. The analytical data are flagged with appropriate qualifiers based on the data validation report discussed below.

Data Validation Summary

The TestAmerica analytical data packages for the June – July 2016 samples collected from MW-1A, MW-2A, MW-2B, MW-4A, MW-4B, MW-8A, MW-13A, MW-14A and MW-14B were submitted to an independent data validator (Ms. Lori Beyer) for evaluation in accordance with USEPA's (Region II) *Contract Laboratory Program National Functional Guidelines for Organic Data Review*. The data validation report is attached as Appendix B. The data validator evaluated the analytical laboratory's ability to meet the data quality objectives provided in the QAPP. Non-compliant data was flagged in accordance with NYSDEC ASP and corrective action was undertaken to rectify any problems. All of the data were determined to be usable; none of the results were rejected.



Matrix spike/matrix spike duplicate (MS/MSD) and laboratory control sample analysis indicated that quality control requirements were met for this round of groundwater sampling. The trip blank, method blank and field blank analyses yielded acceptable results. The groundwater samples from MW-2B, MW-4B, MW-8A and MW-13A were not diluted. The groundwater samples from MW-1A, MW-2A, MW-4A, MW-14A and MW-14B and the duplicate samples (Duplicate 06292016, Duplicate 06302016 and Duplicate 07012016) were diluted prior to analysis; no secondary dilution and reanalysis was required.

Recommendations

- Walden recommends that the SVE/AS system continue to operate as PCE/TCE concentrations continue to decrease in monitoring wells located within the designed radius of influence of the system.
- The third quarter 2016 sampling event was completed in September 2016; the report will be submitted to NYSDEC by November 11, 2016.

If you have any questions or comments on this quarterly groundwater monitoring report, please feel free to contact me or Kristin Scroope.

Very truly yours,

Walden Environmental Engineering

Joseph M. Heaney, III P.E.

Principal

Encl.

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FIGURES



Notes: Aerial photos obtained from the New York State GIS Clearinghouse

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Author: CAM Job No: SPGL0100

PDF: G:\SPGL GIS\Frost Street\Maps\AnnualReport_Dec2007\SiteRelatedMWs.pdf

Map: G:\SPGL GIS\Frost Street\Maps\AnnualReport_Dec2007\SiteRelatedMWs.mxd


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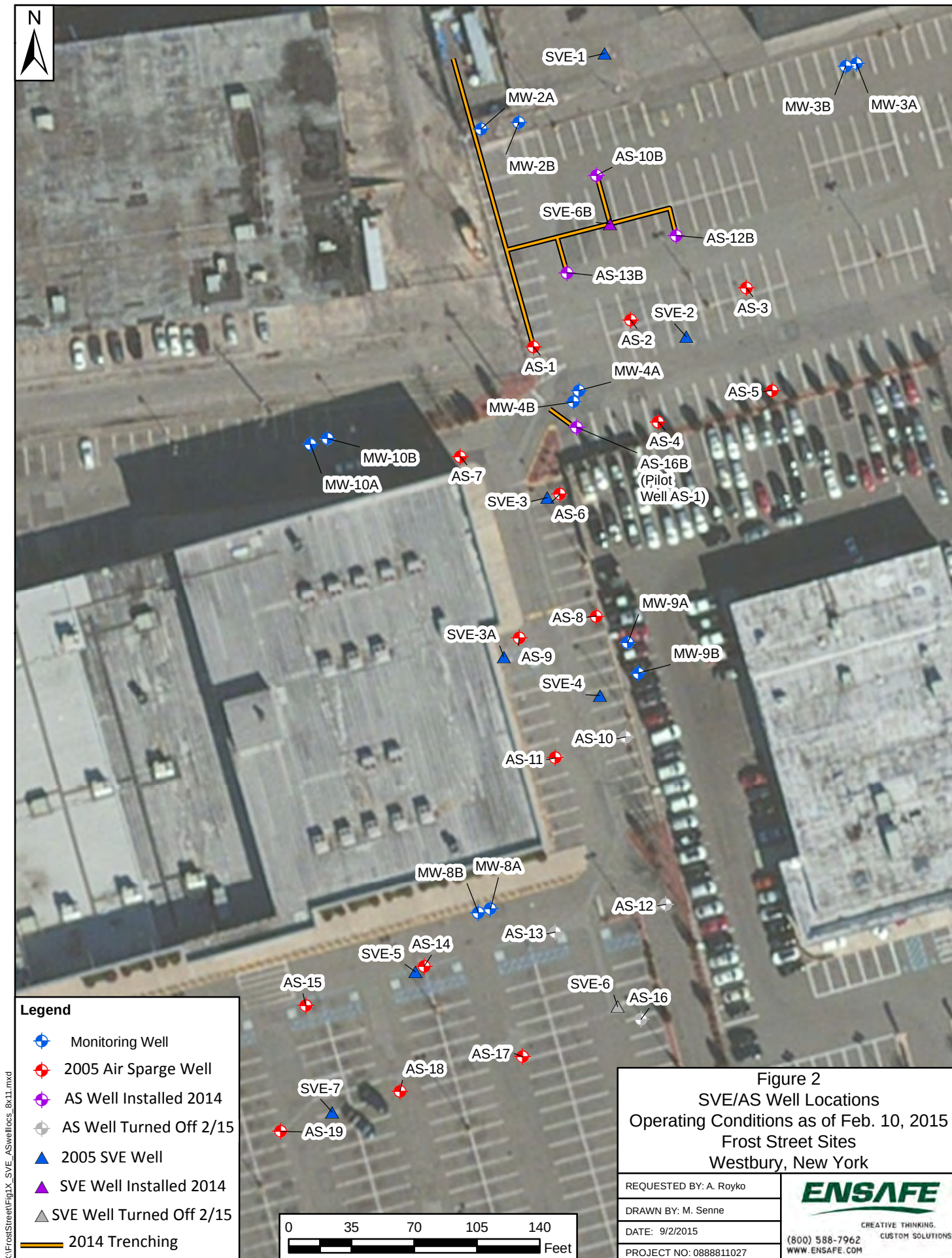
Frost Street Sites

Westbury, New York

Figure 1 - Site Related Monitoring Wells

Legend

-  Monitoring Wells
-  Approx. Limits of Onsite Study Area



TABLES

**FROST STREET SITES
WESTBURY, NEW YORK**

TABLE 1

SUMMARY OF GROUNDWATER MONITORING WELL INFORMATION

Well ID	Date Installed	Designed Well Depth (feet BG)	Measured Well Depth (feet BG)	Screen Interval (feet BG)	Well Diameter (inches)	Well Elevation (6/13/03, 10/15/07 & 10/15/08 Surveys)
On-site Monitoring Wells						
FSMW-2A ¹	8/14/1998	70	68	60-70	4	126.33
FSMW-2B ¹	8/11/1998	125	118	114-124	2	126.04
FSMW-3A ²	8/7/1998	71	71	60-70	2	127.45
FSMW-3B ²	8/4/1998	146	143	135-145	2	127.53
FSMW-4A ²	8/6/1998	71	71	60-70	2	125.25
FSMW-4B ²	8/5/1998	148	147	137-147	2	124.86
FSMW-8A ⁵	8/13/1998	75	73	64-74	2	122.95
FSMW-8B ⁵	8/12/1998	143	140	132-142	2	123.07
FSMW-9A ³	8/19/1998	71	70	60-70	2	125.4
FSMW-9B ³	8/31/1998	140	136	137-147	2	125.28
FSMW-10A ⁶	8/17/1998	71	71	60-70	2	124.87
FSMW-10B ⁶	8/31/1998	148	143	137-147	2	124.93
FSMW-10B ^{6*}	8/19/2007	148	145	135-145	2	125.02
FSMW-11 ⁵	6/2/2003	150	150	139-149	2	120.8
FSMW-12 ⁵	6/4/2003	150	150	139-149	2	122.55
Upgradient/Sidegradient Monitoring Wells						
FSMW-1A ¹	8/18/1998	69	69	58-68	2	127.29
FSMW-1B ¹	8/10/1998	129	128	117-127	2	127.34
LRF-1 ¹	2/12/1997	65	70	45-65	4	126.91
Downgradient Monitoring Wells						
FSMW-5A ³	8/21/1998	71	70	60-70	2	119.3
FSMW-5B ³	8/19/1998	143	137	130-140	2	119.19
FSMW-6A ⁴	8/26/1998	70	71	59-69	2	120.44
FSMW-6B ⁴	8/25/1998	148	146	137-147	2	120.61
FSMW-7A ⁴	8/24/1998	71	70	60-70	2	122.46
FSMW-7B ⁴	8/24/1998	147	145	136-146	2	122.68
FSMW-13A ⁷	12/7/2004	80	80	69-79	2	119.25
FSMW-13B ⁷	11/24/2004	130	130	119-129	2	119.18
FSMW-13C ⁷	12/2/2004	250	250	239-249	2	119.07
FSMW-14A ⁸	11/19/2004	130	130	119-129	2	118.39
FSMW-14B ⁸	12/8/2004	170	170	159-169	2	118.57
FSMW-14C ⁸	12/14/2004	250	250	239-249	2	118.42

* - Reinstalled Well

Note:

The monitoring well locations are shown on Figure 1

BG = Below Grade

¹ = 101 Frost Street

² = 89 Frost Street

³ = Toyota

⁴ = Old Country Road

⁵ = Century 21

⁶ = 770 Main Street

⁷ = Nassau County Court House

⁸ = Hyacinth Street

**FROST STREET SITES
WESTBURY, NEW YORK**

TABLE 2

HISTORIC WATER TABLE ELEVATION DATA

Well ID	Designed Well Depth (feet BG)	Measured Well Depth (feet BG)	Screen Interval (feet BG)	Well Diameter (inches)	Well Elevation (6/13/03 Survey) (feet AMSL)	DTW (EBG) 9/1/1998 (feet BG)	Water Table Elevation (feet AMSL)	DTW (EBG) 1/1/2000 (feet BG)	Water Table Elevation (feet AMSL)	DTW (EBG) 6/1/2001 (feet BG)	Water Table Elevation (feet AMSL)	DTW (Walden) 1/5/2005 (feet BG)	Water Table Elevation (feet AMSL)
FSMW-1A ¹	69	69	58-68	2	127.31	54.49	72.82	no data	no data	56.15	71.16	57.1	70.21
FSMW-1B ¹	129	128	117-127	2	127.37	54.61	72.76	no data	no data	56.3	71.07	57.1	70.27
LRF-1 ¹	no data	70	50-70	4	126.91	53.89	73.02	no data	no data	55.74	71.17	no data	no data
FSMW-2A ¹	70	68	60-70	4	126.33	54.67	71.66	no data	no data	55.05	71.28	no data	no data
FSMW-2B ¹	125	118	114-124	2	126.04	55.3	70.74	no data	no data	55.28	70.76	no data	no data
FSMW-3A ²	71	71	60-70	2	127.45	55.04	72.41	no data	no data	56.57	70.88	55.3	72.15
FSMW-3B ²	146	143	135-145	2	127.62	55.04	72.58	no data	no data	57.22	70.4	57.3	70.32
FSMW-4A ²	71	71	60-70	2	125.3	53.09	72.21	no data	no data	54.64	70.66	55.1	70.2
FSMW-4B ²	148	147	137-147	2	124.86	56.43	68.43	no data	no data	54.32	70.54	55.5	69.36
FSMW-5A ³	71	70	60-70	2	119.55	47.13	72.42	no data	no data	49.38	70.17	49.3	70.25
FSMW-5B ³	143	137	130-140	2	119.53	47.24	72.29	no data	no data	49.44	70.09	49.8	69.73
FSMW-6A ⁴	70	71	59-69	2	120.45	48.53	71.92	51.6	68.85	50.41	70.04	50.9	69.55
FSMW-6B ⁴	148	146	137-147	2	120.61	48.92	71.69	52	68.61	50.96	69.65	51.4	69.21
FSMW-7A ⁴	71	70	60-70	2	122.66	51.06	71.6	54.39	68.27	53.16	69.5	53.5	69.16
FSMW-7B ⁴	147	145	136-146	2	122.68	51.35	71.33	54.4	68.28	53.51	69.17	54	68.68
FSMW-8A ⁵	75	73	64-74	2	122.95	51.1	71.85	no data	no data	52.71	70.24	53	69.95
FSMW-8B ⁵	143	140	132-142	2	123.08	51.33	71.75	no data	no data	52.86	70.22	53.2	69.88
FSMW-9A ³	71	70	60-70	2	125.38	53.09	72.29	no data	no data	54.85	70.53	55.2	70.18
FSMW-9B ³	140	136	137-147	2	125.27	52.73	72.54	no data	no data	54.94	70.33	55.2	70.07
FSMW-10A ⁶	71	71	60-70	2	124.87	51.98	72.89	no data	no data	54.25	70.62	54.7	70.17
FSMW-10B ⁶	148	143	137-147	2	124.93	51.6	73.33	no data	no data	53.81	71.12	54.9	70.03
FSMW-11 ⁵	150	150	139-149	2	120.8	NA	NA	NA	NA	NA	NA	51.2	69.6
FSMW-12 ⁵	150	150	139-149	2	122.55	NA	NA	NA	NA	NA	NA	53.5	69.05
FSMW-13A ⁷	80	80	69-79	2	not surveyed	NA	NA	NA	NA	NA	NA	50.6	not surveyed
FSMW-13B ⁷	130	130	119-129	2	not surveyed	NA	NA	NA	NA	NA	NA	50.6	not surveyed
FSMW-13C ⁷	250	250	239-249	2	not surveyed	NA	NA	NA	NA	NA	NA	50.6	not surveyed
FSMW-14A ⁸	130	130	119-129	2	not surveyed	NA	NA	NA	NA	NA	NA	50.1	not surveyed
FSMW-14B ⁸	170	170	159-169	2	not surveyed	NA	NA	NA	NA	NA	NA	50.5	not surveyed
FSMW-14C ⁸	250	250	239-249	2	not surveyed	NA	NA	NA	NA	NA	NA	50.5	not surveyed

Note:

The monitoring well locations are shown on Figure 1.

DTW = depth to water

BG = Below Grade

AMSL = Above Mean Sea Level

9/1/98, 1/1/00, 6/1/01 water levels measured by EBG

1/5/05 water levels measured by Walden

no data: No monitoring information is available for this well.

NA: Well was not present when sampling was conducted.

¹ = 101 Frost Street

² = 89 Frost Street

³ = Toyota

⁴ = Old Country Road

⁵ = Century 21

⁶ = 770 Main Street

⁷ = Nassau County Court

⁸ = Hyacinth

**FROST STREET SITES
WESTBURY, NEW YORK**

TABLE 3 - HISTORIC GROUNDWATER SAMPLING RESULTS (ug/l)

Compound	NYSDEC Class GA GW Standard	MW-1A 2005	MW- 1A 2003	MW- 1A 1998	LRF-1 2005	LRF-1 2003	LRF-1 1998	MW-1B 2005	MW- 1B 2003	MW- 1B 1998	MW-2A 2005	MW-2A 2003	MW-2A 1998	MW-2B 2005	MW-2B 2003	MW-2B 1998	MW-3A 2005	MW-3A 2003	MW-3A 1998	MW-3B 2005	MW-3B 2003	MW-3B 1998
Screened Interval		58-68			45-65			117-127			60-70			114-124			60-70			135-145		
Units		µg/L			µg/L			µg/L			µg/L			µg/L			µg/L			µg/L		
Chloromethane		ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Bromomethane	5	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Vinyl chloride	2	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Chloroethane	50	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Methylene chloride	5	ND	ND	10u	ND	0.4j	2 jb	ND	ND	10u	NA	50jb	410jb	NA	2jb	10u	ND	6jb	10u	ND	ND	10u
Acetone	50	ND	ND	10u	ND	ND	20u	ND	0.5b	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Carbon disulfide	50	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	180j	NA	ND	10u	ND	ND	10u	ND	ND	10u
1 1-Dichloroethene	5	ND	ND	10u	ND	1j	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
1 1-Dichloroethane	5	ND	ND	10u	ND	ND	5jb	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Chloroform	7	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
1 2-Dichloroethane	5	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	0.6j	ND	ND	10u
2-Butanone (MEK)	50	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	240	10u	ND	ND	10u	ND	ND	10u
1 1 1-Trichloroethane	5	11	22	4j	19	16	130	ND	ND	10u	NA	ND	2500u	NA	ND	1j	ND	ND	5j	ND	ND	10u
Carbon tetrachloride	5	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Bromodichloromethane	50	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
1 2-Dichloropropane	1	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
cis-1 3-Dichloropropene	0.4	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	63j	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Trichloroethene	5	1	1j	0.9j	9	76	1jb	ND	ND	10u	NA	ND	2500u	NA	ND	10u	7	10J	3j	6	2J	10u
Dibromochloromethane	5	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
1 1 2-Trichloroethane	1	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	7j	10u	ND	ND	10u
Benzene	0.7	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	0.9j	ND	ND	10u
trans-1 3-Dichloropropene	0.4	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Bromoform	50	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
4-Methyl-2-pentanone (MIBK)	50	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
2-Hexanone		ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Tetrachloroethene	5	16	25	4j	56	39	29	1	ND	10u	NA	4,700	18,000	NA	4j	50	610	580	75	ND	3j	2j
1 1 2 2-Tetrachloroethane	5	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Toluene	5	4	ND	1j	ND	ND	20u	1	ND	10u	NA	ND	2500u	NA	ND	10u	4	ND	4j	1	0.5J	10u
Chlorobenzene	5	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Ethylbenzene	5	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Styrene	5	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
Xylenes (total)	15	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	0.6j	ND	ND	10u
cis-1 2-Dichloroethene	5	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u
trans-1 2-Dichloroethene	5	ND	ND	10u	ND	ND	20u	ND	ND	10u	NA	ND	2500u	NA	ND	10u	ND	ND	10u	ND	ND	10u

Notes:

- Monitoring well depths and installation dates are summarized in Table 1.
- The monitoring well locations are shown on Figure 1.
- MW-1A/B through MW-10A/B and LRF-1 were sampled by Walden in April 2003.
- MW-11 and MW-12 were installed on June 2-6, 2003 and sampled on June 17, 2003.
- MW-1 through MW-14 and LRF-1 were sampled by Walden in January 2005.
- The 1998 (September) and 2000 (January) sampling was conducted by LMS.

ND = Not Detected
NA = Not Applicable (not sampled)
Bold values = Concentration exceeds NYSDEC Class GA GW standard
U = Analyte not detected at or above the reporting limit.
J = Result is less than the Reporting Limit, but greater than or equal to the method detection limit.
B = Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.

**FROST STREET SITES
WESTBURY, NEW YORK**

TABLE 3 - HISTORIC GROUNDWATER SAMPLING RESULTS (ug/l)

Compound	NYSDEC Class GA GW Standard	MW-4A 2005	MW-4A 2003	MW-4A 1998	MW-4B 2005	MW-4B 2003	MW-4B 1998	MW-5A 2005	MW-5A 2003	MW-5A 1998	MW-5B 2005	MW-5B 2003	MW-5B 1998	MW-6A 2005	MW-6A 2003	MW-6A 2000	MW-6A 1998	MW-6B 2005	MW-6B 2003	MW-6B 2000	MW-6B 1998
Screened Interval		60-70			137-147			60-70			130-140			59-69				137-147			
Units		µg/L			µg/L			µg/L			µg/L			µg/L				µg/L			
Chloromethane		ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	0.9J	10u	ND	ND	ND	10u	ND	ND	ND	20u
Bromomethane	5	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
Vinyl chloride	2	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
Chloroethane	50	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
Methylene chloride	5	ND	460jb	1600jb	ND	2jb	10u	ND	0.6j	10u	ND	0.7J	10u	ND	0.4J	ND	10u	ND	ND	ND	1jb
Acetone	50	8,800	ND	10000u	ND	ND	10u	9	ND	10u	ND	ND	6jb	ND	ND	ND	10u	ND	ND	ND	12jb
Carbon disulfide	50	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
1 1-Dichloroethene	5	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
1 1-Dichloroethane	5	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
Chloroform	7	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
1 2-Dichloroethane	5	ND	ND	660jb	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	7j
2-Butanone (MEK)	50	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10	ND	ND	ND	10u	ND	ND	ND	20u
1 1 1-Trichloroethane	5	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	3j
Carbon tetrachloride	5	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
Bromodichloromethane	50	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
1 2-Dichloropropane	1	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
cis-1 3-Dichloropropene	0.4	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
Trichloroethene	5	4,100	2800j	3600jb	1	9j	2j	ND	2j	10u	ND	3j	10u	ND	ND	ND	10u	6	2j	ND	9j
Dibromochloromethane	5	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
1 1 2-Trichloroethane	1	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
Benzene	0.7	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
trans-1 3-Dichloropropene	0.4	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
Bromoform	50	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
4-Methyl-2-pentanone (MIBK)	50	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
2-Hexanone		ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
Tetrachloroethene	5	74,000	40,000	120,000	32	230	26	ND	ND	22	ND	ND	4j	2	0.4J	ND	13	3	14	52	220
1 1 2 2-Tetrachloroethane	5	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
Toluene	5	ND	ND	10000u	1	ND	10u	3	ND	3j	1	ND	0.7j	4	ND	ND	3j	1	ND	ND	1j
Chlorobenzene	5	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
Ethylbenzene	5	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	0.5j	ND	ND	ND	0.1j	ND	ND	ND	20u
Styrene	5	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u
Xylenes (total)	15	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	1j	ND	ND	ND	20u
cis-1 2-Dichloroethene	5	ND	180j	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	1	ND	ND	20u
trans-1 2-Dichloroethene	5	ND	ND	10000u	ND	ND	10u	ND	ND	10u	ND	ND	10u	ND	ND	ND	10u	ND	ND	ND	20u

Notes:

- Monitoring well depths and installation dates are summarized in Table 1.
- The monitoring well locations are shown on Figure 1.
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ND = Not Detected

NA = Not Applicable (not sampled)

Bold values = Concentration exceeds NYSDEC Class GA GW standard

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J = Result is less than the Reporting Limit, but greater than or equal to the method detection limit.

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TABLE 3 - HISTORIC GROUNDWATER SAMPLING RESULTS (ug/l)

Compound	NYSDEC Class GA GW Standard	MW-7A 2005	MW-7A 2003	MW-7A 2000	MW-7A 1998	MW-7B 2005	MW-7B 2003	MW-7B 2000	MW-7B 1998	MW-8A 2005	MW-8A 2003	MW-8A 1998	MW-8B 2005	MW-8B 2003	MW-8B 1998	MW-9A 2005	MW-9A 2003	MW-9A 1998	MW-9B 2005	MW-9B 2003	MW-9B 1998
Screened Interval		60-70				136-146				64-74			132-142			60-70			137-147		
Units		µg/L				µg/L				µg/L			µg/L			µg/L			µg/L		
Chloromethane		ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Bromomethane	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Vinyl chloride	2	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Chloroethane	50	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Methylene chloride	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	260j	520j	ND	ND	1j	140	310J	490j	ND	2j	10u
Acetone	50	ND	ND	ND	10u	ND	ND	ND	10u	ND	8,000	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Carbon disulfide	50	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
1 1-Dichloroethene	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
1 1-Dichloroethane	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Chloroform	7	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	1j	ND	ND	5000u	ND	ND	10u
1 2-Dichloroethane	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	8j	ND	ND	330j	ND	ND	2j
2-Butanone (MEK)	50	ND	ND	ND	10u	ND	ND	ND	10u	ND	21,000	5000u	ND	4J	20u	ND	ND	5000u	ND	8j	10u
1 1 1-Trichloroethane	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Carbon tetrachloride	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Bromodichloromethane	50	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
1 2-Dichloropropane	1	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
cis-1 3-Dichloropropene	0.4	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Trichloroethene	5	ND	ND	ND	10u	1	ND	ND	1j	170	1,900	310j	2	ND	18j	95	800j	1400j	2	8j	6j
Dibromochloromethane	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
1 1 2-Trichloroethane	1	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Benzene	0.7	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
trans-1 3-Dichloropropene	0.4	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Bromoform	50	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
4-Methyl-2-pentanone (MIBK)	50	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
2-Hexanone		ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Tetrachloroethene	5	1	2j	ND	5j	ND	0.6J	ND	1j	14,000	15,000	44,000	3	2j	390	18,000	29,000	26,000	2	270	100
1 1 2 2-Tetrachloroethane	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Toluene	5	3	ND	ND	10u	1	ND	ND	0.9j	ND	ND	5000u	2	ND	20u	ND	ND	5000u	2	ND	0.5j
Chlorobenzene	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Ethylbenzene	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Styrene	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
Xylenes (total)	15	ND	ND	ND	10u	ND	ND	ND	0.7j	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u
cis-1 2-Dichloroethene	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	300j	5000u	ND	ND	20u	ND	150J	5000u	ND	ND	10u
trans-1 2-Dichloroethene	5	ND	ND	ND	10u	ND	ND	ND	10u	ND	ND	5000u	ND	ND	20u	ND	ND	5000u	ND	ND	10u

Notes:

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TABLE 3 - HISTORIC GROUNDWATER SAMPLING RESULTS (ug/l)

Compound	NYSDEC Class GA GW Standard	MW-10A 2005	MW-10A 2003	MW-10A 1998	MW-10B 2005	MW-10B 2003	MW-10B 1998	MW-11 2005	MW-11 2003	MW-12 2005	MW-12 2003	MW-13A 2005	MW-13B 2005	MW-13C 2005	MW-14A 2005	MW-14B 2005	MW-14C 2005
Screened Interval		60-70			137-147			139-149		139-149		69-79		119-129	239-249	119-129	159-169
Units		µg/L			µg/L			µg/L		µg/L		µg/L		µg/L	µg/L	µg/L	µg/L
Chloromethane		ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	8	ND	ND	ND
Bromomethane	5	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	50	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	2	ND	ND	ND
Methylene chloride	5	ND	ND	10jb	ND	56j	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	83jb	ND	ND	6jb	ND	ND	ND	ND	ND	ND	17	ND	ND	26
Carbon disulfide	50	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 1-Dichloroethene	5	ND	ND	100u	ND	ND	0.7j	ND	ND	ND	1	ND	ND	ND	ND	44	6
1 1-Dichloroethane	5	ND	ND	100u	1	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
Chloroform	7	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	100	ND	ND	2
1 2-Dichloroethane	5	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	100u	ND	6,500	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 1 1-Trichloroethane	5	ND	ND	14j	ND	ND	2j	ND	ND	ND	ND	ND	ND	ND	ND	120	2
Carbon tetrachloride	5	ND	ND	100u	ND	ND	10u	1	1	ND	ND	ND	ND	53	ND	ND	40
Bromodichloromethane	50	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	2	ND	ND	ND
1 2-Dichloropropane	1	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1 3-Dichloropropene	0.4	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	17j	2	ND	4j	14	11	ND	3	16	86	210	1,500	89	99
Dibromochloromethane	5	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 1 2-Trichloroethane	1	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.7	ND	ND	100u	ND	ND	0.8j	ND	ND	ND	1	ND	ND	ND	ND	ND	ND
trans-1 3-Dichloropropene	0.4	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	50	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	6	11	1100u	5	31	58	5	2	1	1	ND	3,500	72	48,000	9,000	33
1 1 2 2-Tetrachloroethane	5	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	4	ND	100u	3	ND	9j	1	ND	ND	1	1	ND	ND	ND	ND	1
Chlorobenzene	5	ND	ND	100u	ND	ND	10u	ND	ND	ND	1	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	100u	ND	ND	0.7j	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	5	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (total)	15	ND	ND	100u	ND	ND	4j	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1 2-Dichloroethene	5	ND	ND	100u	ND	ND	10u	1	ND	ND	ND	21	33	3	500	ND	ND
trans-1 2-Dichloroethene	5	ND	ND	100u	ND	ND	10u	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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WESTBURY, NEW YORK**

**TABLE 4
QUARTERLY WATER LEVEL MEASUREMENTS**

Well ID	Designed Well Depth (feet BG)	Measured Well Depth (feet BG)	Screen Interval (feet BG)	Well Diameter (feet)	Well Elevation (6/13/03, 10/15/07 & 10/15/08 Survey) (feet AMSL)	DTW (Walden) 1/5/2005 (feet BG)	Water Table Elevation 1/5/2005 (feet AMSL)	DTW (Walden) 9/1/2006 (feet BG)	Water Table Elevation 9/1/2006 (feet AMSL)	DTW (Walden) 12/5/2006 (feet BG)	Water Table Elevation 12/5/2006 (feet AMSL)	DTW (Walden) 3/6/2007 (feet BG)	Water Table Elevation 3/6/2007 (feet AMSL)	DTW (Walden) 5/25/2007 (feet BG)	Water Table Elevation 5/25/2007 (feet AMSL)	DTW (Walden) 8/31/2007 (feet BG)	Water Table Elevation 8/31/2007 (feet AMSL)	DTW (Walden) 12/11/2007 (feet BG)	Water Table Elevation 12/11/2007 (feet AMSL)	DTW (Walden) 3/7/2008 (feet BG)	Water Table Elevation 3/7/2008 (feet AMSL)
FSMW-1A ¹	69	69	58-68	2	127.29	57.1	70.21	52.72	74.59	52.51	74.80	52.61	74.70	51.60	75.71	50.70	76.61	51.35	75.96	51.21	76.10
FSMW-1B ¹	129	128	117-127	2	127.34	57.1	70.27	52.92	74.45	52.68	74.69	52.73	74.64	51.73	75.64	50.91	76.46	51.52	75.85	51.45	75.92
LRF-1 ¹	no data	70	50-70	4	126.91	no data	no data	52.38	74.53	52.12	74.79	52.26	74.65	51.26	75.65	50.36	76.55	51.01	75.90	50.87	76.04
FSMW-2A ¹	70	68	60-70	4	126.33	no data	no data	51.81	74.52	51.61	74.72	51.55	74.78	50.72	75.61	49.77	76.56	50.41	75.92	50.31	76.02
FSMW-2B ¹	125	118	114-124	2	126.04	no data	no data	52.16	73.88	51.97	74.07	51.94	74.10	51.00	75.04	50.10	75.94	50.77	75.27	50.85	75.19
FSMW-3A ²	71	71	60-70	2	127.45	55.3	72.15	53.30	74.15	53.25	74.20	53.00	74.45	52.19	75.26	51.15	76.30	51.89	75.56	51.60	75.85
FSMW-3B ²	146	143	135-145	2	127.53	57.3	70.32	53.51	74.11	53.25	74.37	53.19	74.43	52.25	75.37	51.48	76.14	52.07	75.55	52.05	75.57
FSMW-4A ²	71	71	60-70	2	125.25	55.1	70.20	51.70	73.60	51.51	73.79	51.00	74.30	50.61	74.69	49.45	75.85	50.14	75.16	49.64	75.66
FSMW-4B ²	148	147	137-147	2	124.86	55.5	69.36	50.90	73.96	50.70	74.16	51.10	73.76	49.76	75.10	48.84	76.02	49.94	74.92	49.51	75.35
FSMW-5A ³	71	70	60-70	2	119.3	49.3	70.25	45.62	73.93	45.43	74.12	45.42	74.13	44.36	75.19	43.69	75.86	44.50	75.05	44.40	75.15
FSMW-5B ³	143	137	130-140	2	119.19	49.8	69.73	45.70	73.83	45.49	74.04	45.56	73.97	44.54	74.99	43.77	75.76	44.50	75.03	44.50	75.03
FSMW-6A ⁴	70	71	59-69	2	120.44	50.9	69.55	46.56	73.89	46.36	74.09	47.57	72.88	45.59	74.86	44.70	75.75	45.55	74.90	45.50	74.94
FSMW-6B ⁴	148	146	137-147	2	120.61	51.4	69.21	47.13	73.48	46.92	73.69	47.40	73.21	46.06	74.55	45.25	75.36	46.01	74.60	46.04	74.57
FSMW-7A ⁴	71	70	60-70	2	122.46	53.5	69.16	49.25	73.41	49.04	73.62	48.95	73.71	48.17	74.49	47.34	75.32	48.17	74.49	48.10	74.56
FSMW-7B ⁴	147	145	136-146	2	122.68	54	68.68	49.56	73.12	49.37	73.31	49.30	73.38	48.44	74.24	47.66	75.02	48.57	74.11	48.18	74.50
FSMW-8A ⁵	75	73	64-74	2	122.95	53	69.95	49.13	73.82	48.94	74.01	48.93	74.02	48.09	74.86	47.13	75.82	47.90	75.05	47.97	74.98
FSMW-8B ⁵	143	140	132-142	2	123.07	53.2	69.88	49.25	73.83	48.93	74.15	49.04	74.04	48.15	74.93	47.26	75.82	48.00	75.08	48.30	74.78
FSMW-9A ³	71	70	60-70	2	125.4	55.2	70.18	51.80	73.58	51.60	73.78	51.59	73.79	50.67	74.71	49.55	75.83	50.32	75.06	51.05	74.33
FSMW-9B ³	140	136	137-147	2	125.28	55.2	70.07	51.35	73.92	51.16	74.11	51.68	73.59	50.19	75.08	NA	NA	50.05	75.22	50.23	75.04
FSMW-10A ⁶	71	71	60-70	2	124.87	54.7	70.17	50.80	74.07	50.59	74.28	50.65	74.22	49.81	75.06	48.85	76.02	49.51	75.36	49.48	75.39
FSMW-10B ⁶	148	143	137-147	2	125.02	54.9	70.03	50.98	73.95	50.79	74.14	50.81	74.12	49.84	75.09	49.02	75.91	49.71	75.22	49.85	75.08
FSMW-11 ⁵	150	150	139-149	2	120.8	51.2	69.60	47.14	73.66	46.95	73.85	46.92	73.88	46.05	74.75	45.23	75.57	46.00	74.80	46.00	74.80
FSMW-12 ⁵	150	150	139-149	2	122.55	53.5	69.05	49.13	73.42	46.93	75.62	48.93	73.62	48.05	74.50	47.23	75.32	48.00	74.55	48.06	74.49
FSMW-13A ⁷	80	80	69-79	2	119.25	50.6	not surveyed	46.07	not surveyed	45.86	not surveyed	46.31	not surveyed	45.05	not surveyed	44.26	not surveyed	45.07	74.28	45.01	74.34
FSMW-13B ⁷	130	130	119-129	2	119.18	50.6	not surveyed	46.01	not surveyed	45.82	not surveyed	46.42	not surveyed	44.97	not surveyed	44.20	not surveyed	44.97	74.21	44.92	74.26
FSMW-13C ⁷	250	250	239-249	2	119.07	50.6	not surveyed	46.75	not surveyed	46.54	not surveyed	46.49	not surveyed	45.52	not surveyed	44.90	not surveyed	45.54	73.58	45.38	73.74
FSMW-14A ⁸	130	130	119-129	2	118.39	50.1	not surveyed	45.5	not surveyed	45.31	not surveyed	45.1	not surveyed	44.43	not surveyed	43.68	not surveyed	44.46	74.06	44.38	74.14
FSMW-14B ⁸	170	170	159-169	2	118.57	50.5	not surveyed	45.91	not surveyed	45.71	not surveyed	45.52	not surveyed	44.81	not surveyed	44.10	not surveyed	44.93	73.80	44.73	74.00
FSMW-14C ⁸	250	250	239-249	2	118.42	50.5	not surveyed	46.22	not surveyed	46.03	not surveyed	45.69	not surveyed	44.97	not surveyed	44.35	not surveyed	45.00	73.42	44.84	73.58

Note:
The monitoring well locations are shown on Figure 1.
DTW = depth to water
BG = Below Grade
AMSL = Above Mean Sea Level
no data: No monitoring information is available for this well.

*Monitoring Wells were not accessible at the time the water levels were being measured.

** = NYSDEC datalogger in well

¹ = 101 Frost Street
² = 89 Frost Street
³ = Toyota
⁴ = Old Country Road
⁵ = Century 21
⁶ = 770 Main Street
⁷ = Nassau County Court
⁸ = Hyacinth

**FROST STREET SITES
WESTBURY, NEW YORK**

**TABLE 4
QUARTERLY WATER LEVEL MEASUREMENTS**

Well ID	Designed Well Depth (feet BG)	Measured Well Depth (feet BG)	Screen Interval (feet BG)	Well Diameter (feet)	Well Elevation (6/13/03, 10/15/07 & 10/15/08 Survey) (feet AMSL)	DTW (Walden) 6/13/2008 (feet BG)	Water Table Elevation 6/13/2008 (feet AMSL)	DTW (Walden) 9/30/2008 (feet BG)	Water Table Elevation 9/30/2008 (feet AMSL)	DTW (Walden) 12/11/2008 (feet BG)	Water Table Elevation 12/11/2008 (feet AMSL)	DTW (Walden) 3/9/2009 (feet BG)	Water Table Elevation 3/9/2009 (feet AMSL)	DTW (Walden) 6/12/2009 (feet BG)	Water Table Elevation 6/12/2009 (feet AMSL)	DTW (Walden) 10/5/2009 (feet BG)	Water Table Elevation 10/5/2009 (feet AMSL)	DTW (Walden) 12/18/2009 (feet BG)	Water Table Elevation 12/18/2009 (feet AMSL)	DTW (Walden) 3/11/2010 (feet BG)	Water Table Elevation 3/11/2010 (feet AMSL)
FSMW-1A ¹	69	69	58-68	2	127.29	51.15	76.16	51.52	75.79	51.93	75.36	51.43	75.86	51.77	75.52	no data*	no data	51.59	75.70	51.00	76.29
FSMW-1B ¹	129	128	117-127	2	127.34	51.31	76.06	51.71	75.66	52.14	75.20	51.65	75.69	52.02	75.32	no data*	no data	51.74	75.60	51.09	76.25
LRF-1 ¹	no data	70	50-70	4	126.91	50.82	76.09	51.14	75.77	51.50	75.41	51.10	75.81	51.45	75.46	no data*	no data	51.24	75.67	50.65	76.26
FSMW-2A ¹	70	68	60-70	4	126.33	50.25	76.08	50.84	75.49	50.90	75.43	50.38	75.95	50.79	75.54	51.05	75.28	50.56	75.77	49.99	76.34
FSMW-2B ¹	125	118	114-124	2	126.04	50.59	75.45	50.95	75.09	51.55	74.49	50.87	75.17	51.21	74.83	50.70	75.34	51.05	74.99	50.32	75.72
FSMW-3A ²	71	71	60-70	2	127.45	51.69	75.76	52.10	75.35	52.32	75.13	51.78	75.67	52.21	75.24	52.05	75.40	51.97	75.48	51.46	75.99
FSMW-3B ²	146	143	135-145	2	127.53	51.89	75.73	52.23	75.30	52.54	74.99	51.90	75.63	52.28	75.25	52.32	75.21	52.33	75.20	51.44	76.09
FSMW-4A ²	71	71	60-70	2	125.25	50.00	75.30	50.37	74.93	50.34	74.91	49.80	75.45	50.30	74.95	50.12	75.13	49.89	75.36	49.55	75.70
FSMW-4B ²	148	147	137-147	2	124.86	49.38	75.48	49.73	75.13	50.15	74.71	49.81	75.05	49.83	75.03	49.87	74.99	49.70	75.16	49.38	75.48
FSMW-5A ³	71	70	60-70	2	119.3	44.29	75.26	44.55	75.00	44.98	74.32	44.45	74.85	44.66	74.64	44.79	74.51	44.53	74.77	43.64	75.66
FSMW-5B ³	143	137	130-140	2	119.19	44.33	75.20	44.62	74.91	45.02	74.17	44.50	74.69	44.59	74.60	44.70	74.49	44.49	74.70	43.62	75.57
FSMW-6A ⁴	70	71	59-69	2	120.44	45.38	75.07	45.53	74.92	46.38	74.06	45.85	74.59	48.00	72.44	46.10	74.34	45.75	74.69	44.79	75.65
FSMW-6B ⁴	148	146	137-147	2	120.61	45.86	74.75	46.07	74.54	46.78	73.83	46.13	74.48	46.30	74.31	46.43	74.18	46.22	74.39	45.22	75.39
FSMW-7A ⁴	71	70	60-70	2	122.46	48.04	74.62	48.22	74.44	48.81	73.65	48.20	74.26	48.38	74.08	48.54	73.92	48.27	74.19	47.12	75.34
FSMW-7B ⁴	147	145	136-146	2	122.68	48.23	74.45	48.59	74.09	49.20	73.48	48.49	74.19	48.68	74.00	48.85	73.83	48.71	73.97	47.54	75.15
FSMW-8A ⁵	75	73	64-74	2	122.95	47.74	75.21	48.01	74.94	48.48	74.47	47.90	75.05	48.22	74.73	48.24	74.71	48.00	74.95	47.30	75.65
FSMW-8B ⁵	143	140	132-142	2	123.07	47.83	75.25	48.16	74.92	48.61	74.46	48.05	75.02	48.31	74.76	48.43	74.64	48.19	74.88	47.39	75.68
FSMW-9A ³	71	70	60-70	2	125.4	50.16	75.22	50.56	74.82	50.71	74.69	50.18	75.22	50.55	74.85	50.42	74.98	50.27	75.13	49.73	75.67
FSMW-9B ³	140	136	137-147	2	125.28	49.90	75.37	50.19	75.08	50.61	74.67	50.02	75.26	50.32	74.96	50.31	74.97	50.15	75.13	49.61	75.67
FSMW-10A ⁴	71	71	60-70	2	124.87	49.34	75.53	49.61	75.26	50.01	74.86	49.50	75.37	49.78	75.09	49.85	75.02	49.66	75.21	49.05	75.82
FSMW-10B ⁴	148	143	137-147	2	125.02	49.50	75.43	49.85	75.08	50.31	74.71	49.70	75.32	50.04	74.98	50.07	74.95	49.94	75.08	49.14	75.88
FSMW-11 ⁵	150	150	139-149	2	120.8	45.82	74.98	46.06	74.74	46.55	74.25	45.96	74.84	46.10	74.70	46.24	74.56	46.02	74.78	45.10	75.70
FSMW-12 ⁵	150	150	139-149	2	122.55	47.85	74.70	48.07	74.48	48.77	73.78	48.12	74.43	48.31	74.24	48.49	74.06	48.27	74.28	47.19	75.36
FSMW-13A ⁷	80	80	69-79	2	119.25	44.93	74.42	44.96	74.39	45.83	73.42	45.19	74.06	45.01	74.24	45.49	73.76	45.16	74.09	44.06	75.19
FSMW-13B ⁷	130	130	119-129	2	119.18	44.84	74.34	44.96	74.22	45.81	73.37	45.13	74.05	44.98	74.20	45.43	73.75	45.08	74.10	44.03	75.15
FSMW-13C ⁷	250	250	239-249	2	119.07	45.39	73.73	45.70	73.42	46.31	72.76	45.32	73.75	45.68	73.39	45.75	73.32	45.30	73.77	44.21	74.86
FSMW-14A ⁴	130	130	119-129	2	118.39	44.32	74.20	44.36	74.16	45.20	73.19	44.49	73.90	44.33	74.06	44.82	73.57	44.55	73.84	43.35	75.04
FSMW-14B ⁴	170	170	159-169	2	118.57	44.70	74.03	44.83	73.74	45.51	73.06	44.85	73.72	44.83	73.74	45.06	73.51	45.37**	73.20	43.67	74.90
FSMW-14C ⁴	250	250	239-249	2	118.42	44.83	73.59	45.14	73.28	45.72	72.70	44.74	73.68	44.12	74.30	45.18	73.24	**	**	43.85	74.57

**FROST STREET SITES
WESTBURY, NEW YORK**

**TABLE 4
QUARTERLY WATER LEVEL MEASUREMENTS**

Well ID	Designed Well Depth (feet BG)	Measured Well Depth (feet BG)	Screen Interval (feet BG)	Well Diameter (feet)	Well Elevation (6/13/03, 10/15/07 & 10/15/08 Survey) (feet AMSL)	DTW (Walden) 6/17/2010 (feet BG)	Water Table Elevation 6/17/2010 (feet AMSL)	DTW (Walden) 10/4/2010 (feet BG)	Water Table Elevation 10/4/2010 (feet AMSL)	DTW (Walden) 12/17/2010 (feet BG)	Water Table Elevation 12/17/2010 (feet AMSL)	DTW (Walden) 4/1/2011 (feet BG)	Water Table Elevation 4/1/2011 (feet AMSL)	DTW (Walden) 7/28/2011 (feet BG)	Water Table Elevation 7/28/2011 (feet AMSL)	DTW (Walden) 12/23/2011 (feet BG)	Water Table Elevation 12/23/2011 (feet AMSL)	DTW (Walden) 4/11/2012 (feet BG)	Water Table Elevation 4/11/2012 (feet AMSL)	DTW (Walden) 7/26/2012 (feet BG)	Water Table Elevation 7/26/2012 (feet AMSL)
FSMW-1A ¹	69	69	58-68	2	127.29	48.18	79.11	49.29	78.90	50.14	77.15	50.50	76.79	50.80	76.49	48.27	79.02	49.48	77.81	49.38	77.91
FSMW-1B ¹	129	128	117-127	2	127.34	48.53	78.81	49.70	77.64	50.06	77.28	50.51	76.83	51.00	76.34	48.41	78.93	49.66	77.68	49.53	77.81
LRF-1 ¹	no data	70	50-70	4	126.91	no data*	no data	48.42	78.49	49.83	77.08	50.14	76.77	50.47	76.44	no data*	no data	no data*	no data	49.02	77.89
FSMW-2A ¹	70	68	60-70	4	126.33	47.17	79.16	48.14	78.19	49.13	77.20	49.44	76.89	49.86	76.47	47.20	79.13	48.50	77.83	48.28	78.05
FSMW-2B ¹	125	118	114-124	2	126.04	47.32	78.72	48.41	77.63	49.38	76.66	50.23	75.81	50.29	75.75	47.74	78.30	48.94	77.10	48.78	77.26
FSMW-3A ²	71	71	60-70	2	127.45	48.59	78.86	49.66	77.79	50.65	76.80	50.88	76.57	51.23	76.22	48.65	78.80	49.88	77.57	49.71	77.74
FSMW-3B ²	146	143	135-145	2	127.53	48.94	78.59	50.05	77.48	50.81	76.72	51.14	76.39	51.68	75.85	48.91	78.62	50.16	77.37	50.12	77.41
FSMW-4A ²	71	71	60-70	2	125.25	46.30	78.95	47.65	77.60	48.64	76.61	51.07	74.18	49.42	75.83	46.70	78.55	48.00	77.25	47.56	77.69
FSMW-4B ²	148	147	137-147	2	124.86	46.39	78.47	47.33	77.53	48.41	76.45	48.61	76.25	49.16	75.70	46.46	78.40	47.71	77.15	47.74	77.12
FSMW-5A ³	71	70	60-70	2	119.3	41.31	77.99	42.11	77.19	43.17	76.13	42.86	76.44	44.05	75.25	41.25	78.05	42.74	76.56	42.39	76.91
FSMW-5B ³	143	137	130-140	2	119.19	41.25	77.94	42.03	77.16	43.08	76.11	43.47	75.72	44.06	75.13	40.41	78.78	42.63	76.56	42.41	76.78
FSMW-6A ⁴	70	71	59-69	2	120.44	42.60	77.84	43.31	77.13	44.41	76.03	44.80	75.64	45.41	75.03	42.65	77.79	44.09	76.35	43.71	76.73
FSMW-6B ⁴	148	146	137-147	2	120.61	43.02	77.59	43.71	76.90	44.87	75.74	45.23	75.38	45.95	74.66	43.00	77.61	44.42	76.19	44.18	76.43
FSMW-7A ⁴	71	70	60-70	2	122.46	44.98	77.48	45.89	76.57	47.33	75.13	47.19	75.27	47.88	74.58	45.05	77.41	46.44	76.02	46.13	76.33
FSMW-7B ⁴	147	145	136-146	2	122.68	45.42	77.26	46.23	76.45	46.90	75.78	47.65	75.03	48.40	74.28	45.43	77.25	46.81	75.87	46.60	76.08
FSMW-8A ⁵	75	73	64-74	2	122.95	44.74	78.21	45.67	77.28	46.66	76.29	46.82	76.13	47.49	75.46	44.68	78.27	45.10	77.85	45.85	77.10
FSMW-8B ⁵	143	140	132-142	2	123.07	44.87	78.20	45.84	77.23	46.81	76.26	47.10	75.97	47.68	75.39	44.84	78.23	46.25	76.82	46.04	77.03
FSMW-9A ³	71	70	60-70	2	125.4	47.05	78.35	48.02	77.38	48.98	76.42	49.66	75.74	49.64	75.76	46.97	78.43	48.36	77.04	48.11	77.29
FSMW-9B ³	140	136	137-147	2	125.28	46.88	78.40	47.90	77.38	48.80	76.48	49.12	76.16	49.75	75.53	46.87	78.41	48.23	77.05	48.04	77.24
FSMW-10A ⁴	71	71	60-70	2	124.87	46.35	78.52	47.36	77.51	48.80	76.07	48.81	76.06	49.02	75.85	46.26	78.61	47.68	77.19	47.45	77.42
FSMW-10B ⁴	148	143	137-147	2	125.02	46.57	78.45	47.66	77.36	48.53	76.49	48.80	76.22	49.29	75.73	46.62	78.40	47.90	77.12	47.74	77.28
FSMW-11 ⁵	150	150	139-149	2	120.8	42.80	78.00	43.55	77.25	44.65	76.15	45.02	75.78	45.63	75.17	42.82	77.98	44.20	76.60	43.95	76.85
FSMW-12 ⁵	150	150	139-149	2	122.55	45.00	77.55	45.77	76.78	45.77	76.78	47.22	75.33	47.91	74.64	45.01	77.54	46.40	76.15	46.17	76.38
FSMW-13A ⁷	80	80	69-79	2	119.25	42.03	77.22	42.42	76.83	43.83	75.42	44.26	74.99	45.04	74.21	42.05	77.20	43.51	75.74	43.21	76.04
FSMW-13B ⁷	130	130	119-129	2	119.18	42.00	77.18	42.43	76.75	43.73	75.45	44.27	74.91	45.02	74.16	42.02	77.16	43.46	75.72	43.20	75.98
FSMW-13C ⁷	250	250	239-249	2	119.07	42.21	76.86	43.41	75.66	44.41	74.66	44.97	74.10	45.86	73.21	42.49	76.58	43.89	75.18	43.89	75.18
FSMW-14A ⁸	130	130	119-129	2	118.39	41.41	76.98	41.83	76.56	43.22	75.17	43.62	74.77	44.45	73.94	41.39	77.00	42.84	75.55	42.60	75.79
FSMW-14B ⁸	170	170	159-169	2	118.57	41.83	76.74	42.66	75.91	43.51	75.06	44.28	74.29	44.68	73.89	41.73	76.84	43.13	75.44	42.96	75.61
FSMW-14C ⁸	250	250	239-249	2	118.42	41.96	76.46	42.55	75.87	43.89	74.53	44.34	74.08	45.34	73.08	41.92	76.50	43.34	75.08	43.33	75.09

**FROST STREET SITES
WESTBURY, NEW YORK**

**TABLE 4
QUARTERLY WATER LEVEL MEASUREMENTS**

Well ID	Designed Well Depth (feet BG)	Measured Well Depth (feet BG)	Screen Interval (feet BG)	Well Diameter (feet)	Well Elevation (6/13/03, 10/15/07 & 10/15/08 Survey) (feet AMSL)	DTW (Walden) 11/16/2012 (feet BG)	Water Table Elevation 11/16/2012 (feet AMSL)	DTW (Walden) 7/17/2013 (feet BG)	Water Table Elevation 7/17/2013 (feet AMSL)	DTW (Walden) 10/28/2013 (feet BG)	Water Table Elevation 10/28/2013 (feet AMSL)	DTW (Walden) 3/27/2014 (feet BG)	Water Table Elevation 3/27/2014 (feet AMSL)	DTW (Walden) 6/25/2014 (feet BG)	Water Table Elevation 6/25/2014 (feet AMSL)	DTW (Walden) 10/6/2014 (feet BG)	Water Table Elevation 10/6/2014 (feet AMSL)	DTW (Walden) 12/17/2014 (feet BG)	Water Table Elevation 12/17/2014 (feet AMSL)	DTW (Walden) 4/1/2015 (feet BG)	Water Table Elevation 4/1/2015 (feet AMSL)
FSMW-1A ¹	69	69	58-68	2	127.29	50.01	77.28	50.24	77.05	52.25	75.04	53.50	73.79	52.33	74.96	53.18	74.11	52.67	74.62	52.18	75.11
FSMW-1B ¹	129	128	117-127	2	127.34	52.37	74.97	50.45	76.89	52.45	74.89	53.45	73.89	52.50	74.84	53.14	74.20	53.40	73.94	52.05	75.29
LRF-1 ¹	no data	70	50-70	4	126.91	49.70	77.21	49.90	77.01	51.95	74.96	53.19	73.72	52.01	74.90	53.02	73.89	53.25	73.66	52.02	74.89
FSMW-2A ¹	70	68	60-70	4	126.33	48.99	77.34	49.25	77.08	52.85	73.48	52.65	73.68	51.35	74.98	49.11	77.22	51.78	74.55	51.23	75.10
FSMW-2B ¹	125	118	114-124	2	126.04	49.54	76.50	49.70	76.34	51.59	74.45	53.12	72.92	51.76	74.28	49.51	76.53	52.70	73.34	51.35	74.69
FSMW-3A ²	71	71	60-70	2	127.45	50.41	77.04	50.61	76.84	52.70	74.75	54.00	73.45	52.76	74.69	blocked	blocked	53.32	74.13	52.75	74.70
FSMW-3B ²	146	143	135-145	2	127.53	54.06	73.47	51.10	76.43	53.00	74.53	54.28	73.25	53.08	74.45	blocked	blocked	53.18	74.35	52.67	74.86
FSMW-4A ²	71	71	60-70	2	125.25	48.47	76.78	48.80	76.45	50.73	74.52	52.62	72.63	50.94	74.31	51.24	74.01	51.76	73.49	50.95	74.30
FSMW-4B ²	148	147	137-147	2	124.86	48.27	76.59	48.45	76.41	50.55	74.31	52.20	72.66	50.49	74.37	51.51	73.35	50.79	74.07	50.29	74.57
FSMW-5A ²	71	70	60-70	2	119.3	43.23	76.07	43.20	76.10	45.46	73.84	46.55	72.75	45.24	74.06	46.09	73.21	45.24	74.06	44.82	74.48
FSMW-5B ²	143	137	130-140	2	119.19	44.58	74.61	43.22	75.97	45.39	73.80	46.55	72.64	45.18	74.01	46.06	73.13	45.28	73.91	44.89	74.30
FSMW-6A ⁴	70	71	59-69	2	120.44	44.52	75.92	44.43	76.01	46.82	73.62	48.25	72.19	46.49	73.95	47.48	72.96	46.40	74.04	46.08	74.36
FSMW-6B ⁴	148	146	137-147	2	120.61	44.91	75.70	45.03	75.58	47.27	73.34	47.75	72.86	46.95	73.66	47.83	72.78	46.73	73.88	46.47	74.14
FSMW-7A ⁴	71	70	60-70	2	122.46	46.85	75.61	46.93	75.53	49.28	73.18	50.14	72.32	48.93	73.53	50.23	72.23	48.93	73.53	48.36	74.10
FSMW-7B ⁴	147	145	136-146	2	122.68	47.30	75.38	47.50	75.18	49.66	73.02	50.57	72.11	48.37	74.31	49.97	72.71	48.45	74.23	48.80	73.88
FSMW-8A ⁵	75	73	64-74	2	122.95	46.75	76.20	46.71	76.24	48.87	74.08	50.30	72.65	48.78	74.17	49.56	73.39	49.70	73.25	48.62	74.33
FSMW-8B ⁵	143	140	132-142	2	123.07	46.58	76.49	46.90	76.17	49.02	74.05	50.35	72.72	48.93	74.14	48.74	74.33	49.15	73.92	48.66	74.41
FSMW-9A ⁵	71	70	60-70	2	125.4	48.81	76.59	49.05	76.35	51.10	74.30	52.50	72.90	51.26	74.14	51.82	73.58	51.63	73.77	51.05	74.35
FSMW-9B ⁵	140	136	137-147	2	125.28	48.85	76.43	48.92	76.36	51.02	74.26	53.03	72.25	50.94	74.34	51.73	73.55	51.25	74.03	50.69	74.59
FSMW-10A ⁶	71	71	60-70	2	124.87	48.15	76.72	48.38	76.49	50.44	74.43	51.80	73.07	50.46	74.41	51.16	73.71	50.79	74.08	50.31	74.56
FSMW-10B ⁶	148	143	137-147	2	125.02	48.42	76.60	48.65	76.37	50.68	74.34	52.19	72.83	50.68	74.34	51.46	73.56	50.92	74.10	50.39	74.63
FSMW-11 ⁵	150	150	139-149	2	120.8	44.72	76.08	44.78	76.02	46.95	73.85	48.11	72.69	46.24	74.56	47.61	73.19	46.75	74.05	46.33	74.47
FSMW-12 ⁵	150	150	139-149	2	122.55	46.40	76.15	46.95	75.60	49.21	73.34	50.24	72.31	48.96	73.59	49.84	72.71	48.89	73.66	48.41	74.14
FSMW-13A ⁷	80	80	69-79	2	119.25	43.95	75.30	44.00	75.25	46.24	73.01	47.22	72.03	45.75	73.50	46.83	72.42	45.79	73.46	45.29	73.96
FSMW-13B ⁷	130	130	119-129	2	119.18	43.93	75.25	44.20	74.98	46.16	73.02	47.19	71.99	45.61	73.57	46.79	72.39	45.81	73.37	45.25	73.93
FSMW-13C ⁷	250	250	239-249	2	119.07	44.39	74.68	44.92	74.15	46.45	72.62	47.73	71.34	45.69	73.38	46.17	72.90	46.64	72.43	45.68	73.39
FSMW-14A ⁸	130	130	119-129	2	118.39	43.30	75.09	43.43	74.96	45.55	72.84	46.54	71.85	45.73	72.66	46.26	72.13	45.24	73.15	44.57	73.82
FSMW-14B ⁸	170	170	159-169	2	118.57	43.62	74.95	43.85	74.72	45.81	72.76	46.86	71.71	45.70	72.87	46.62	71.95	45.66	72.91	44.88	73.69
FSMW-14C ⁸	250	250	239-249	2	118.42	43.83	74.59	44.36	74.06	45.90	72.52	47.20	71.22	46.28	72.14	46.67	71.75	46.20	72.22	45.09	73.33

FROST STREET SITES
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TABLE 4
QUARTERLY WATER LEVEL MEASUREMENTS

Well ID	Designed Well Depth (feet BG)	Measured Well Depth (feet BG)	Screen Interval (feet BG)	Well Diameter (feet)	Well Elevation (6/13/03, 10/15/07 & 10/15/08 Survey) (feet AMSL)	DTW (Walden) 7/16/2015 (feet BG)	Water Table Elevation 7/16/2015 (feet AMSL)	DTW (Walden) 10/5/2015 (feet BG)	Water Table Elevation 10/5/2015 (feet AMSL)	DTW (Walden) 12/9/2015 (feet BG)	Water Table Elevation 12/9/2015 (feet AMSL)	DTW (Walden) 4/8/2016 (feet BG)	Water Table Elevation 4/8/16 (feet AMSL)	DTW (Walden) 7/1/2016 (feet BG)	Water Table Elevation 7/1/2016 (feet AMSL)
FSMW-1A ¹	69	69	58-68	2	127.29	52.70	74.59	54.30	72.99	53.32	73.97	53.34	73.95	54.11	73.18
FSMW-1B ¹	129	128	117-127	2	127.34	52.74	74.60	53.67	73.67	53.97	73.37	53.74	73.60	54.22	73.12
LRF-1 ¹	no data	70	50-70	4	126.91	52.54	74.37	52.56	74.35	53.13	73.78	53.15	73.76	53.94	72.97
FSMW-2A ¹	70	68	60-70	4	126.33	51.88	74.45	52.11	74.22	52.22	74.11	52.44	73.89	53.49	72.84
FSMW-2B ¹	125	118	114-124	2	126.04	52.13	73.91	52.00	74.04	52.61	73.43	52.65	73.39	53.05	72.99
FSMW-3A ²	71	71	60-70	2	127.45	53.36	74.09	53.63	73.82	53.68	73.77	53.97	73.48	54.48	72.97
FSMW-3B ²	146	143	135-145	2	127.53	53.34	74.19	53.37	74.16	53.86	73.67	53.68	73.85	54.88	72.65
FSMW-4A ²	71	71	60-70	2	125.25	51.87	73.38	52.85	72.40	51.69	73.56	52.36	72.89	52.49	72.76
FSMW-4B ²	148	147	137-147	2	124.86	50.96	73.90	53.67	71.19	51.39	73.47	51.39	73.47	52.29	72.57
FSMW-5A ²	71	70	60-70	2	119.3	45.47	73.83	45.41	73.89	46.23	73.07	45.99	73.31	47.15	72.15
FSMW-5B ²	143	137	130-140	2	119.19	45.44	73.75	45.52	73.67	46.17	73.02	45.92	73.27	47.14	72.05
FSMW-6A ⁴	70	71	59-69	2	120.44	46.67	73.77	46.54	73.90	47.49	72.95	47.12	73.32	48.36	72.08
FSMW-6B ⁴	148	146	137-147	2	120.61	47.26	73.35	47.12	73.49	47.83	72.78	47.47	73.14	48.79	71.82
FSMW-7A ⁴	71	70	60-70	2	122.46	49.14	73.32	49.30	73.16	49.79	72.67	49.86	72.60	50.70	71.76
FSMW-7B ⁴	147	145	136-146	2	122.68	49.67	73.01	49.41	73.27	50.18	72.50	49.72	72.96	51.12	71.56
FSMW-8A ³	75	73	64-74	2	122.95	49.13	73.82	49.43	73.52	49.69	73.26	49.60	73.35	50.54	72.41
FSMW-8B ³	143	140	132-142	2	123.07	49.29	73.78	49.42	73.65	49.84	73.23	49.68	73.39	50.72	72.35
FSMW-9A ³	71	70	60-70	2	125.4	51.72	73.68	52.20	73.20	51.93	73.47	52.24	73.16	52.81	72.59
FSMW-9B ³	140	136	137-147	2	125.28	51.31	73.97	51.49	73.79	51.85	73.43	51.80	73.48	52.78	72.50
FSMW-10A ⁴	71	71	60-70	2	124.87	50.79	74.08	51.05	73.82	51.33	73.54	51.33	73.54	52.15	72.72
FSMW-10B ⁴	148	143	137-147	2	125.02	51.02	74.00	51.15	73.87	51.54	73.48	51.41	73.61	52.41	72.61
FSMW-11 ⁵	150	150	139-149	2	120.8	47.02	73.78	47.05	73.75	48.68	72.12	*not accessible	*not accessible	*not accessible	*not accessible
FSMW-12 ⁵	150	150	139-149	2	122.55	49.21	73.34	49.13	73.42	49.79	72.76	49.41	73.14	50.74	71.81
FSMW-13A ⁷	80	80	69-79	2	119.25	46.13	73.12	45.85	73.40	46.81	72.44	46.31	72.94	47.80	71.45
FSMW-13B ⁷	130	130	119-129	2	119.18	46.11	73.07	45.81	73.37	46.78	72.40	46.29	72.89	47.78	71.40
FSMW-13C ⁷	250	250	239-249	2	119.07	46.67	72.40	46.25	72.82	47.04	72.03	46.57	72.50	48.26	70.81
FSMW-14A ⁸	130	130	119-129	2	118.39	45.50	72.89	45.18	73.21	46.10	72.29	45.61	72.78	47.14	71.25
FSMW-14B ⁸	170	170	159-169	2	118.57	45.83	72.74	45.50	73.07	46.39	72.18	45.88	72.69	47.43	71.14
FSMW-14C ⁸	250	250	239-249	2	118.42	46.12	72.30	45.60	72.82	46.44	71.98	45.98	72.44	47.62	70.80

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 5

QUARTERLY GROUNDWATER MONITORING RESULTS - JUNE-JULY 2016 SAMPLING EVENT

Compound	NYSDEC Class GA GW Standard	MW-1A	Q	Duplicate 7/1/16	Q	MW-2A	Q	MW-2B	Q	MW-4A	Q	Duplicate 6/29/2016	Q	MW-4B	Q	MW-8A	Q	MW-13A	Q	MW-14A	Q	Duplicate 6/30/2016	Q	MW-14B	Q
Sample Date		Jul-16		Jul-16		Jun-16		Jun-16		Jun-16		Jun-16		Jun-16		Jun-16		Jul-16		Jun-16		Jun-16		Jun-16	
Screen Interval		58-68		58-68		60-70		114-124		60-70		60-70		137-147		64-74		69-79		119-129		119-129		159-169	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
1 1 2 2-Tetrachloroethane	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
1 1 2-Trichloroethane	1	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
1 1-Dichloroethane	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
1 1-Dichloroethene	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
1 2-Dichloroethane	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
1 2-Dichloropropane	1	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.96	J	2.0	U	2.0	U	2.0	U
2-Butanone (MEK)	50	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
2-Hexanone		0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
4-Methyl-2-pentanone (MIBK)	50	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Acetone	50	0.20	UJ	0.20	UJ	1.0	UJ	0.10	UJ	0.20	UJ	0.20	UJ	0.10	UJ	0.10	UJ	0.10	UJ	2.0	UJ	2.0	UJ	2.0	UJ
Benzene	0.7	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Dichlorobromomethane	50	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Bromoform	50	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Bromomethane	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Carbon disulfide	50	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Carbon tetrachloride	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Chlorodibromomethane	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Chloroethane	50	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Chloroform	7	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Chloromethane		0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
cis-1 2-Dichloroethene	5	17	J	17	J	17	J	0.10	U	15	J	14	J	0.10	U	14		5.4	J	18	J	17	J	2.0	U
cis-1 3-Dichloropropene	0.4	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Ethylbenzene	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Methylene chloride	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Styrene	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Tetrachloroethene	5	240		250		1,000		2.1	J	300		310		13		120		180		2,100		2,100		2,000	
Toluene	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
trans-1 2-Dichloroethene	5	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
trans-1 3-Dichloropropene	0.4	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Trichloroethene	5	43		41		32	J	0.16	J	10	J	9.8	J	0.83	J	6.8	J	6.0	J	62	J	57	J	23	J
Vinyl chloride	2	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Xylenes (total)	15	0.20	U	0.20	U	1.0	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-1A	Q	Duplicate 7/1/16	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	Duplicate 7/25/2012	Q		
Sample Date		Jul-16		Jul-16		Apr-16		Dec-15		Sep-15		Jul-15		Mar-15		Dec-14		Oct-14		Jun-14		Mar-14		Oct-13		Jul-13		Nov-12		Jul-12		Jul-12	
Screen Interval		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.20	U	0.20	U	0.10	U	0.10	U	4.2	U	11	U	1.0	U	4.2	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1 1 2 2-Tetrachloroethane	5	0.20	U	0.20	U	0.10	U	0.10	U	3.0	U	7.5	U	1.0	U	3.0	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1 1 2-Trichloroethane	1	0.20	U	0.20	U	0.10	U	0.10	U	3.8	U	9.5	U	1.0	U	3.8	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1 1-Dichloroethane	5	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	UJ	1.0	UJ	3.4	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1 1-Dichloroethene	5	0.20	U	0.20	U	0.10	U	0.10	U	5.0	U	13	U	1.0	U	5.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U	2.5	U
1 2-Dichloroethane	5	0.20	U	0.20	U	0.10	U	0.10	U	1.7	U	4.2	UJ	1.0	UJ	1.7	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
1 2-Dichloropropane	1	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U	3.4	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.20	U	0.20	U	0.10	U	0.10	U	3.0	U	7.5	U	1.0	U	3.0	UJ	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	UJ	1.5	UJ
2-Hexanone		0.20	U	0.20	U	0.10	U	0.10	U	3.6	U	9.0	U	1.0	U	3.6	UJ	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
4-Methyl-2-pentanone (MIBK)	50	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U	3.4	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.20	UJ	0.20	UJ	0.10	U	0.10	UJ	3.8	U	9.5	U	1.0	U	3.8	UJ	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	UJ	1.9	UJ
Benzene	0.7	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Dichlorobromomethane	50	0.20	U	0.20	U	0.10	U	0.10	U	3.0	U	7.5	U	1.0	U	3.0	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.20	U	0.20	U	0.10	U	0.10	U	10	U	25	U	1.0	U	10	U	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
Bromomethane	5	0.20	U	0.20	U	0.10	U	0.10	U	8.6	U	22	U	1.0	U	8.6	U	4.3	U	4.3	U	4.3	U	4.3	UJ	4.3	U	4.3	UJ	4.3	U	4.3	U
Carbon disulfide	50	0.20	U	0.20	U	0.10	U	0.10	U	4.2	U	11	U	1.0	U	4.2	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.20	U	0.20	U	0.10	U	0.10	U	4.0	U	10	U	1.0	U	4.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorodibromomethane	5	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U	3.4	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	50	0.20	U	0.20	U	0.10	U	0.10	U	5.0	U	13	U	1.0	U	5.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	0.20	U	0.20	U	0.10	U	0.10	U	3.8	U	9.5	U	1.0	U	3.8	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane		0.20	U	0.20	U	0.10	U	0.10	U	4.6	U	12	U	1.0	U	4.6	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1 2-Dichloroethene	5	17	J	17	J	4.8	J	11		7.9	J	9.0	J	1.8	J	3.6	U	3.3	J	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1 3-Dichloropropene	0.4	0.20	U	0.20	U	0.10	U	0.10	U	2.8	U	7.0	U	1.0	U	2.8	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.20	U	0.20	U	0.10	U	0.10	UJ	2.6	U	6.5	U	1.0	U	2.6	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U	3.4	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	240		250		140		170	D	220		330		990		150		210	J	10		2.4	J	2.1	U	2.6	J	3.0	U	2.1	J	2.1	UJ
Toluene	5	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	4.5	J	1.6	U
trans-1 2-Dichloroethene	5	0.20	U	0.20	U	0.10	UJ	0.17	J	3.8	U	9.5	U	1.0	U	3.8	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1 3-Dichloropropene	0.4	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.9	U	1.6	U
Trichloroethene	5	43		41		17		25		23		19	J	65		11	J	38		1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	0.20	U	0.20	U	0.10	U	0.10	U	4.6	U	12	U	1.0	U	4.6	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
Xylenes (total)	15	0.20	U	0.20	U	0.10	U	0.10	U	1.6	U	4.1	U	1.0	U	1.6	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

Notes:

The monitoring well locations are shown on Figure 1.

Quarterly groundwater sampling beginning in August 2006 was conducted by Walden.

Q = data qualifier

U = analyte was not detected above the reported sample quantitation limit.

J = estimated value; analyte was positively identified at the approximate concentration listed.

B = The analyte was found in the associated blank, as well as in the sample.

UJ = analyte was not detected above the reported sample quantitation limit; the reported quantitation limit is approximate.

D = analyte concentration was obtained from diluted sample analysis

R = The sample results are rejected due to the inability of the analysis to meet quality control criteria.

* = Surrogate exceeds the control limit

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	Duplicate 12/16/09	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q
Sample Date		Apr-12		Dec-11		Jul-11		Mar-11		Dec-10		Sep-10		Jun-10		Mar-10		Dec-09		Dec-09		Sep-09		Jun-09		Mar-09		Dec-08	
Screen Interval		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	0.10	U	0.30	J	0.22	J	0.25	J	0.10	U	0.10	U	0.33	J	0.10	U	0.40	J	0.54	J	0.10	U	0.10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	U	1.5	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U
2-Hexanone		1.8	U	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*
Acetone	50	1.9	U	1.9	UJ	0.72	UJ	0.36	UJ	0.76	JB*	1.1	J	0.10	U*	0.61	JB*	1.2	JB*	1.5	JB*	0.78	JB*	1.0	JB*	0.76	JB*	0.10	U
Benzene	0.7	1.6	U	1.60	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Dichlorobromomethane	50	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.3	UJ	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U
Carbon disulfide	50	2.1	U	2.1	U	0.10	U	0.18	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorodibromomethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	50	2.5	U	2.5	U	0.10	U	0.10	UJ	0.10	U	0.52	J	0.10	U	0.10	U	1.0	J	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U
Chloroform	7	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane		2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.16	J*	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.32	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	1.3	U	0.45	U	0.25	U	0.48	JB	0.24	JB	0.19	JB	0.35	JB	0.50	JB	0.53	JB	0.38	JB	0.33	JB	0.10	U	0.10	U
Styrene	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	2.1	U	6.0	U	4.4	J	6.1	J	7.3	J	21		27		65		30		30		56		63		75	B	71	
Toluene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.17	J	0.18	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.9	U	1.9	U	1.1	J	1.1	J	0.87	J	0.94	J	1.7	J	4.5	J	1.6	J	1.6	J	3.0	J	1.7	J	2.5	J	1.7	J
Vinyl chloride	2	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Xylenes (total)	15	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-1A	Q	MW-1A	Q	Duplicate 3/5/08	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q	MW-1A	Q
Sample Date		Sep-08		Jun-08		Mar-08		Mar-08		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Aug-06	
Screen Interval		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68		58-68	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.10	U	0.93	J	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
1 1 2 2-Tetrachloroethane	5	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
1 1 2-Trichloroethane	1	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
1 1 1-Dichloroethane	5	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
1 1 1-Dichloroethene	5	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
1 2-Dichloroethane	5	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
1 2-Dichloropropane	1	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.20	U	0.20	U	10	U	0.10	U	50	U	50	U	10	UJ	50	U
2-Hexanone		0.10	U	0.10	U	0.20	U	0.20	U	10	U	0.10	U	50	U	50	U	10	UJ	50	U
4-Methyl-2-pentanone (MIBK)	50	0.10	U	0.10	U	0.20	U	0.20	U	10	U	0.10	U	50	U	50	U	10	UJ	50	U
Acetone	50	0.10	U	0.10	U	0.20	U	0.20	U	10	U	0.10	U	50	UJ	50	U	10	UJ	50	U
Benzene	0.7	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Dichlorobromomethane	50	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Bromoform	50	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Bromomethane	5	0.10	U	0.10	U	0.20	U	0.20	U	5	UJ	0.10	U	50	U	50	U	10	UJ	50	UJ
Carbon disulfide	50	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Chlorobenzene	5	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Chlorodibromomethane	5	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Chloroethane	50	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	UJ
Chloroform	7	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Chloromethane		0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	UJ	50	U	10	UJ	50	U
cis-1 2-Dichloroethene	5	0.10	U	0.34	J	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	1	J	50	U
cis-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Ethylbenzene	5	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Methylene chloride	5	0.24	JB	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Styrene	5	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Tetrachloroethene	5	51		190		210		250		340		160		540		740		1,100	J	410	
Toluene	5	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
trans-1 2-Dichloroethene	5	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
trans-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Trichloroethene	5	1.5	J	3.7	J	4.6	J	5.1		7.2		9.9	J	31	J	39	J	86	J	18	J
Vinyl chloride	2	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	UJ	50	U	10	UJ	50	U
Xylenes (total)	15	0.10	U	0.10	U	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-1B	Q	MW-1B	Q	MW-1B	Q	MW-1B	Q	Duplicate 11/16/2012	Q	MW-1B	Q	MW-1B	Q	MW-1B	Q	MW-1B	Q	MW-1B	Q
Sample Date		Sep-15		Oct-14		Oct-13		Nov-12		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval		58-68		117-127		117-127		117-127		117-127		117-127		117-127		117-127		117-127		117-127	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U	0.10	U	10	U
2-Hexanone		1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U	0.10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.7	J	1.1	JB*	0.10	U*	0.10	U	10	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	5.0	UJ	5.0	U	5.0	UJ	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	4.3	U	4.3	UJ	4.3	UJ	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane		2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	0.22	J*	0.10	U	0.10	U	0.10	U	10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	0.27	JB	0.35	JB	0.10	U	0.10	U	10	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	2.1	U	2.1	U	2.8	J	2.9	U	2.1	U	0.86	J	0.69	J	0.10	U	0.33	J	17	
Toluene	5	1.6	U	1.6	U	1.6	U	12		12		0.86	J	0.15	J	0.10	U	0.10	U	10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
Xylenes (total)	15	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	LRF-1	Q	LRF-1	Q	LRF-1	Q	Duplicate 10/28/2013	Q	LRF-1	Q	LRF-1	Q	LRF-1	Q	LRF-1	Q	LRF-1	Q	LRF-1	Q
Sample Date		Oct-15		Oct-14		Oct-13		Oct-13		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval		45-65		45-65		45-65		45-65		45-65		45-65		45-65		45-65		45-65		45-65	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	11	U	2.1	U	2.1	U	2.1	U	2.1	U	0.21	J	0.10	U	0.10	U	1.6	J	100	U
1 1 2 2-Tetrachloroethane	5	7.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
1 1 2-Trichloroethane	1	9.5	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
1 1-Dichloroethane	5	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
1 1-Dichloroethene	5	13	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
1 2-Dichloroethane	5	4.2	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
1 2-Dichloropropane	1	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
2-Butanone (MEK)	50	7.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U	0.10	U	100	U
2-Hexanone		9.0	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U	0.10	U	100	U
4-Methyl-2-pentanone (MIBK)	50	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Acetone	50	9.5	U	1.9	U	1.9	U	1.9	U	1.9	U	1.4	J	0.10	U*	0.10	U	0.10	U	100	U
Benzene	0.7	8.0	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Dichlorobromomethane	50	7.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Bromoform	50	25	U	5.0	U	5.0	U	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Bromomethane	5	22	U	4.3	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Carbon disulfide	50	11	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Carbon tetrachloride	5	10	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Chlorobenzene	5	8.0	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Chlorodibromomethane	5	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Chloroethane	50	13	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Chloroform	7	9.5	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Chloromethane		12	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	100	U
cis-1 2-Dichloroethene	5	36	J	30		1.8	U	1.8	U	1.8	U	0.17	J	0.16	J	0.10	U	0.10	U	100	U
cis-1 3-Dichloropropene	0.4	7.0	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Ethylbenzene	5	8.0	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Methylene chloride	5	6.5	U	1.3	U	1.3	U	1.3	U	1.3	U	0.22	JB	0.40	JB	0.10	U	0.10	U	100	U
Styrene	5	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Tetrachloroethene	5	320		600	D	4.9	J	5.1	J	7.7	J	33		210		220		710	J	890	
Toluene	5	8.0	U	1.6	U	1.6	U	1.6	U	2.0	J	0.10	U	0.10	U	0.10	U	0.10	U	100	U
trans-1 2-Dichloroethene	5	9.5	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
trans-1 3-Dichloropropene	0.4	8.0	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Trichloroethene	5	48	J	130		1.9	U	1.9	U	1.9	U	2.8	J	24		37		73		33	J
Vinyl chloride	2	12	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	100	U
Xylenes (total)	15	4.1	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U	82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-2A	Q	MW-2A	Q	Duplicate 4/06/16	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	Duplicate 2 9/30/2014	Q	MW-2A	Q	Duplicate 6/25/2014	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q		
Sample Date		Jun-16		Apr-16		Apr-16		Dec-15		Oct-15		Jul-15		Mar-15		Dec-14		Sep-14		Sep-14		Jun-14		Jun-14		Mar-14		Oct-13		Jul-13	
Screen Interval		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	1.0	U	1.0	U	1.0	U	0.10	U	42	U	210	U	10	U	110	U	110	U	110	U	110	U	110	U	210	U	2.1	U	11	U
1 1 2 2-Tetrachloroethane	5	1.0	U	1.0	U	1.0	U	0.10	U	30	U	150	U	10	U	75	U	75	U	75	U	75	U	75	U	150	U	1.5	U	7.5	U
1 1 2-Trichloroethane	1	1.0	U	1.0	U	1.0	U	0.10	U	38	U	190	U	10	U	95	U	95	U	95	U	95	U	95	U	190	U	1.9	U	9.5	U
1 1-Dichloroethane	5	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U	10	U	85	U	85	U	85	U	85	U	85	U	170	U	1.7	U	8.5	U
1 1-Dichloroethene	5	1.0	U	1.0	U	1.0	U	0.10	U	50	U	250	U	10	U	130	U	130	U	130	U	130	U	130	U	250	U	2.5	U	13	U
1 2-Dichloroethane	5	1.0	U	1.0	U	1.0	U	0.10	U	17	U	83	U	10	U	42	U	42	U	42	U	42	U	42	U	83	U	0.83	U	4.2	U
1 2-Dichloropropane	1	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U	10	U	85	U	85	U	85	U	85	U	85	U	170	U	1.7	U	8.5	U
2-Butanone (MEK)	50	1.0	U	1.0	U	1.0	U	0.10	U	30	U	150	U	10	U	75	U	75	U	75	U	75	U	75	U	150	U	1.5	U	7.5	U
2-Hexanone		1.0	U	1.0	U	1.0	U	0.10	U	36	U	180	U	10	U	90	U	90	U	90	U	90	U	90	U	180	U	1.8	U	9.0	U
4-Methyl-2-pentanone (MIBK)	50	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U	10	U	85	U	85	U	85	U	85	U	85	U	170	U	1.7	U	8.5	U
Acetone	50	1.0	U	1.0	U	1.0	U	0.10	U	38	U	190	U	10	U	95	U	95	U	95	U	95	U	95	U	190	U	1.9	U	9.5	U
Benzene	0.7	1.0	U	1.0	U	1.0	U	0.10	U	32	U	160	U	10	U	80	U	80	U	80	U	80	U	80	U	160	U	1.6	U	8.0	U
Dichlorobromomethane	50	1.0	U	1.0	U	1.0	U	0.10	U	30	U	150	U	10	U	75	U	75	U	75	U	75	U	75	U	150	U	1.5	U	7.5	U
Bromoform	50	1.0	U	1.0	U	1.0	U	0.10	U	100	U	500	U	10	U	250	U	250	U	250	U	250	U	250	U	500	U	5.0	U	25	U
Bromomethane	5	1.0	U	1.0	U	1.0	U	0.10	U	86	U	430	U	10	U	220	U	220	U	220	U	220	U	220	U	430	U	4.3	U	22	U
Carbon disulfide	50	1.0	U	1.0	U	1.0	U	0.10	U	42	U	210	U	10	U	110	U	110	U	110	U	110	U	110	U	210	U	2.1	U	11	U
Carbon tetrachloride	5	1.0	U	1.0	U	1.0	U	0.10	U	40	U	200	U	10	U	100	U	100	U	100	U	100	U	100	U	200	U	2.0	U	10	U
Chlorobenzene	5	1.0	U	1.0	U	1.0	U	0.43	J	32	U	160	U	10	U	80	U	80	U	80	U	80	U	80	U	160	U	1.6	U	8.0	U
Chlorodibromomethane	5	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U	10	U	85	U	85	U	85	U	85	U	85	U	170	U	1.7	U	8.5	U
Chloroethane	50	1.0	U	1.0	U	1.0	U	0.10	U	50	U	250	U	10	U	130	U	130	U	130	U	130	U	130	U	250	U	2.5	U	13	U
Chloroform	7	1.0	U	1.0	U	1.0	U	0.10	U	38	U	190	U	10	U	95	U	95	U	95	U	95	U	95	U	190	U	1.9	U	9.5	U
Chloromethane		1.0	U	1.0	U	1.0	U	0.10	U	46	U	230	U	10	U	120	U	120	U	120	U	120	U	120	U	230	U	2.3	U	12	U
cis-1 2-Dichloroethene	5	17	J	26	J	27	J	37		38	J	180	U	140		290	J	180	J	200	J	130	J	140	J	180	U	110		160	
cis-1 3-Dichloropropene	0.4	1.0	U	1.0	U	1.0	U	0.10	U	28	U	140	U	10	U	70	U	70	U	70	U	70	U	70	U	140	U	1.4	U	7.0	U
Ethylbenzene	5	1.0	U	1.0	U	1.0	U	0.10	U	32	U	160	U	10	U	80	U	80	U	80	U	80	U	80	U	160	U	1.6	U	8.0	U
Methylene chloride	5	1.0	U	1.0	U	1.0	U	0.10	U	26	U	130	U	10	U	65	U	65	U	65	U	65	U	120	J	130	U	1.3	U	6.5	U
Styrene	5	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U	10	U	75	U	85	U	85	U	85	U	85	U	170	U	1.7	U	8.5	U
Tetrachloroethene	5	1,000		1,300		1,300		1,200	D	2,000		8,100		5,400		14,000	D	6,200		5,700		7,000		7,400		12,000		24,000	D	9,300	D
Toluene	5	1.0	U	1.0	U	1.0	U	0.10	U	32	U	160	U	10	U	80	U	80	U	80	U	80	U	80	U	160	U	1.6	U	8.0	U
trans-1 2-Dichloroethene	5	1.0	U	1.0	U	1.0	U	0.10	U	38	U	190	U	10	U	95	U	95	U	95	U	95	U	95	U	190	U	1.9	U	9.5	U
trans-1 3-Dichloropropene	0.4	1.0	U	1.0	U	1.0	U	0.10	U	32	U	160	U	10	U	80	U	80	U	80	U	80	U	80	U	160	U	1.6	U	8.0	U
Trichloroethene	5	32	J	53	J	53	J	61		61	J	280	J	310		370	J	270	J	280	J	200	J	210	J	210	J	730	D	620	
Vinyl chloride	2	1.0	U	1.0	U	1.0	U	0.10	U	46	U	230	U	10	U	120	U	120	U	120	U	120	U	120	U	230	U	2.3	U	12	U
Xylenes (total)	15	1.0	U	1.0	U	1.0	U	0.10	U	16	U	10	U	41	U	41	U	41	U	41	U	41	U	82	U	0.82	U	4.1	U	65	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	Duplicate 7/16/2013	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	Duplicate 4/10/12	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q		
Sample Date		Jul-13		Nov-12		Jul-12		Apr-12		Apr-12		Dec-11		Jul-11		Mar-11		Dec-10		Sep-10		Jun-10		Mar-10		Dec-09		Sep-09		Jun-09		Mar-09	
Screen Interval		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	170	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	1.0	U	0.27	J	0.20	U	0.17	J	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
1 1 2 2-Tetrachloroethane	5	120	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
1 1 2-Trichloroethane	1	150	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
1 1-Dichloroethane	5	140	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
1 1-Dichloroethene	5	200	U	2.5	UJ	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
1 2-Dichloroethane	5	66	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5		8.9	J	100	U
1 2-Dichloropropane	1	140	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
2-Butanone (MEK)	50	120	U	1.5	U	1.5	UJ	1.5	U	1.5	U	1.5	UJ	1.0	UJ	0.20	UJ	0.20	U	0.10	U	0.10	U*	1.0	U*	2.5	U*	5	U	5	U	100	U
2-Hexanone		140	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U*	1.0	U	2.5	U*	5	U	5	U	100	U
4-Methyl-2-pentanone (MIBK)	50	140	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Acetone	50	150	U	1.9	U	1.9	UJ	1.9	U	1.9	U	1.9	UJ	4.1	UJ	0.65	UJ	1.4	JB*	0.55	J	0.10	U*	7.1	JB*	7.1	JB*	5	U	120	JB	10	JB
Benzene	0.7	130	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Dichlorobromomethane	50	120	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Bromoform	50	400	U	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Bromomethane	5	340	U	4.3	UJ	4.3	U	4.3	UJ	4.3	UJ	4.3	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Carbon disulfide	50	170	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	1.0	U	1.4	U	0.20	JB	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Carbon tetrachloride	5	160	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Chlorobenzene	5	130	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.23	J	0.10	U	1.0	U	2.5	U	5	U	5	U	1.8	J
Chlorodibromomethane	5	140	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Chloroethane	50	200	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	0.20	UJ	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Chloroform	7	150	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Chloromethane		180	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	1.0	UJ	0.20	U	0.20	U	0.10	U*	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
cis-1 2-Dichloroethene	5	140	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	21	J	150		73		70		0.10	U	56	J	16	J	13		5	U	8.1	J
cis-1 3-Dichloropropene	0.4	110	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Ethylbenzene	5	130	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Methylene chloride	5	100	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	32	U	2.2	U	4.3	JB	0.19	JB	0.27	JB	9.0	JB	14	JB	110	JB	74	JB	10	JB
Styrene	5	140	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Tetrachloroethene	5	9,600		780	D	2.3	J	26		28		14	U	13,000	D	13,000	D	2,500		14,000	B	700		14,000		2,900		7,700		7,600		8,900	
Toluene	5	130	U	2.3	J	1.6	U	1.6	U	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.18	J	0.10	U	1.0	U	2.5	U	5		5	U	100	U
trans-1 2-Dichloroethene	5	150	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.3	J	2.8	J	0.76	J	1.5	J	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
trans-1 3-Dichloropropene	0.4	130	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Trichloroethene	5	710	J	51		1.9	U	2.7	U	3.0	U	1.9	U	390		600	D	150		350	J	10		440		76	J	230		190	J	180	
Vinyl chloride	2	180	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	1.0	U	0.20	U	0.20	U	0.10	U*	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U
Xylenes (total)	15	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U	10	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q	MW-2A dup	Q	MW-2A	Q	MW-2A	Q	MW-2A	Q		
Sample Date		Dec-08		Sep-08		Jun-08		Mar-08		Dec-07		Aug-07		May-07		May-07		Feb-07		Nov-06		Aug-06			
Screen Interval		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70			
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L			
1 1 1-Trichloroethane	5	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
1 1 2 2-Tetrachloroethane	5	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
1 1 2-Trichloroethane	1	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
1 1-Dichloroethane	5	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
1 1-Dichloroethene	5	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
1 2-Dichloroethane	5	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
1 2-Dichloropropane	1	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
2-Butanone (MEK)	50	10	U	0.50	U	1.0	U	10	U	10	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
2-Hexanone		10	U	0.50	U	1.0	U	10	U	10	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
4-Methyl-2-pentanone (MIBK)	50	10	U*	0.50	U	1.0	U	10	U	10	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Acetone	50	10	U	0.50	U	1.0	U	10	U	10	U	0.10	UJ	0.10	U	1000	UJ	1000	UJ	200	U	10	UJ	200	U
Benzene	0.7	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Dichlorobromomethane	50	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Bromoform	50	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Bromomethane	5	10	U	0.50	U	1.0	U	10	U	5	UJ	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Carbon disulfide	50	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Carbon tetrachloride	5	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Chlorobenzene	5	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	0.8	J	200	U
Chlorodibromomethane	5	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Chloroethane	50	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Chloroform	7	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Chloromethane		10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	UJ	1000	UJ	200	U	10	UJ	200	U
cis-1 2-Dichloroethene	5	10	U	3.5	J	16	J	11	J	27		3.9	J	3.9	J	1000	U	1000	U	4.8	J	4	J	200	U
cis-1 3-Dichloropropene	0.4	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Ethylbenzene	5	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Methylene chloride	5	110	JB	21	JB	10	JB	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Styrene	5	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Tetrachloroethene	5	8,600		4,900		12,000		12,000		9,300		3,800		3,800	B	11,000		11,000		3,800		4,100	J	2,500	
Toluene	5	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
trans-1 2-Dichloroethene	5	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	1	J	200	U
trans-1 3-Dichloropropene	0.4	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U
Trichloroethene	5	190	J	160		310		330		410	J	120		100	J	230	J	220	J	96	J	140	J	53	J
Vinyl chloride	2	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	UJ	1000	UJ	200	U	10	UJ	200	U
Xylenes (total)	15	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000	U	1000	U	200	U	10	UJ	200	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	
Sample Date		Jun-16		Apr-16		Dec-15		Oct-15		Jul-15		Mar-15		Dec-14		Sep-14		Jun-14		Mar-14		Oct-13		Oct-13		Jul-13		Nov-12		Jul-12				
Screen Interval		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124				
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L				
1 1 1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	
1 1 2 2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	
1 1 2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	
1 1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	UJ	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	
1 1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U	
1 2-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.10	UJ	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	
1 2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U	1.5	UJ	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	UJ	
2-Hexanone		0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	0.10	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U	
4-Methyl-2-pentanone (MIBK)	50	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	
Acetone	50	0.10	UJ	0.10	U	0.10	UJ	1.9	U	1.9	U	0.10	U	1.9	UJ	1.9	U	1.9	U	1.9	U	1.9	U	2.1	UJ	1.9	U	1.9	U	1.9	U	1.9	UJ	
Benzene	0.7	0.10	U	0.10	U	0.37	J	1.6	U	1.6	U	1.0		1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	
Dichlorobromomethane	50	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	
Bromoform	50	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U	0.10	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U	
Bromomethane	5	0.10	U	0.10	U	0.10	UJ	4.3	U	4.3	U	0.10	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	UJ	4.3	U	4.3	U	4.3	UJ	4.3	U	4.3	U	
Carbon disulfide	50	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	
Chlorodibromomethane	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	
Chloroethane	50	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U	2.5	U	2.5	U	2.5	U	
Chloroform	7	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	
Chloromethane		0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	
cis-1 2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	0.11	J	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	
cis-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	1.4	U	1.4	U	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	
Methylene chloride	5	0.10	U	0.10	U	0.10	UJ	1.3	U	1.3	U	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	
Styrene	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	
Tetrachloroethene	5	2.1	J	2.5	J	3.0		3.6	J	5.8	J	5.4		4.0	J	4.2	J	5.1	J	6.1	J	3.5	U	3.7	U	4.2	J	2.7	U	2.8	J			
Toluene	5	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	
trans-1 2-Dichloroethene	5	0.10	U	0.10	UJ	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	
trans-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	
Trichloroethene	5	0.16	J	0.10	U	0.20	J	1.9	U	1.9	U	0.19	J	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	
Xylenes (total)	15	0.10	U	0.10	U	0.10	U	0.82	U	0.94	J	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	Duplicate 9/27/10	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q
Sample Date		Apr-12		Dec-11		Jul-11		Mar-11		Dec-10		Sep-10		Sep-10		Mar-10		Dec-09		Sep-09		Jun-09		Mar-09	
Screen Interval		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	10	U
2-Hexanone		1.8	U	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.9	UJ	0.72	UJ	0.26	UJ	1.1	JB*	0.84	J	0.77	J	0.46	JB*	1.1	JB*	0.4	JB	0.45	JB	10	UJ
Benzene	0.7	1.6	U	1.6	U	0.96	J	1.2	J	2.2	J	2.3	J	2.4	J	1.3	J	0.43	J	0.10	U	0.10	U	10	U
Dichlorobromomethane	50	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	UJ	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
Carbon disulfide	50	2.1	U	2.1	U	0.10	U	0.31	U	0.10	U	0.10	U	0.10	U	0.20	JB	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorodibromomethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	50	2.5	U	2.5	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroform	7	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane		2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.12	J	0.10	U	0.10	U	10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	0.41	U	0.34	U	0.51	JB	0.19	JB	0.19	JB	0.40	JB	0.51	JB	0.38	JB	0.39	JB	10	U
Styrene	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	4.7	J	12	U	3.9	J	13		2.3	J	37		5.5	J	4.0	J	3.2	J	2.7	J	4.4	J	5.1	
Toluene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.11	J	0.94	J	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	1.9	U	1.9	U	0.10	U	0.21	J	0.10	U	0.33	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Vinyl chloride	2	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
Xylenes (total)	15	0.82	U	0.20	J	0.29	J	1.4	J	0.79	J	0.78	J	0.68	J	0.30	J	0.10	U	0.10	U	10	U	0.10	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-2B	Q	MW-2B	Q	MW-2B	Q	Duplicate 3/4/08	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q	MW-2B	Q
Sample Date		Dec-08		Sep-08		Jun-08		Mar-08		Mar-08		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Aug-06	
Screen Interval		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124		114-124	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
1 1 2 2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
1 1 2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
1 1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
1 1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
1 2-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
1 2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	UJ	10	UJ
2-Hexanone		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	UJ	10	U
4-Methyl-2-pentanone (MIBK)	50	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	UJ	10	U
Acetone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	UJ	10	UJ	10	U	10	UJ	10	U
Benzene	0.7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Dichlorobromomethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	UJ	0.10	U	10	U	10	U	10	UJ	10	U
Carbon disulfide	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Chlorodibromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Chloroethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Chloromethane		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	UJ	10	U	10	UJ	10	U
cis-1 2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
cis-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Tetrachloroethene	5	9.0	J	3.9	J	4.7	J	4.4	J	5.1		13		2.1	J	2.0	J	4.6	J	3	J	10	U
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
trans-1 2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	7.0		10	U	10	UJ	10	U
trans-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Trichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	UJ	10	U	10	UJ	10	U
Xylenes (total)	15	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-3A	Q	MW-3A	Q	MW-3A	Q	MW-3A	Q	MW-3A	Q	MW-3A	Q	MW-3A	Q	MW-3A	Q	MW-3A	Q
Sample Date		Sep-15		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	UJ	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U	0.10	U	200	U
2-Hexanone		1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U	0.10	U	200	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	U	1.1	J	0.10	U*	0.10	U	0.10	U	200	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Bromomethane	5	4.3	U	4.3	U	4.3	UJ	4.3	UJ	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.58	J	200	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Chloromethane		2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	200	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	0.24	J	0.21	J	1.1	J	12		200	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.20	JB	0.40	JB	0.10	U	0.10	U	200	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Tetrachloroethene	5	3.9	J	2.1	U	2.1	U	5.4	J	25		46		210		2,900		2,600	
Toluene	5	1.6	U	1.6	U	1.6	U	2.8	J	0.10	J	0.10	U	0.10	U	0.10	U	200	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	2.1	J	1.1	J	4.6	J	100		81	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	200	U
Xylenes (total)	15	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-3B	Q	MW-3B	Q	MW-3B	Q	MW-3B	Q	MW-3B	Q	MW-3B	Q	Duplicate 9/23/08	Q	MW-3B	Q	MW-3B	Q
Sample Date		Sep-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-08		Sep-08		Aug-07		Aug-06	
Screen Interval		135-145		135-145		135-145		135-145		135-145		135-145		135-145		135-145		135-145	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
2-Hexanone		1.8	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.1	J	0.10	U*	0.10	U	0.10	U*	0.10	U	10	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	4.3	U	4.3	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Chloroform	7	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane		2.3	U	2.3	U	2.3	U	0.18	J*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	0.19	J	0.26	J	0.10	U	0.10	U	0.10	U	10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	0.27	JB	0.38	JB	0.30	JB	0.60	JB	0.10	U	10	U
Styrene	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	2.1	U	2.1	U	2.1	U	0.64	J	2.2	J	0.10	U	0.10	U	3.8	J	10	U
Toluene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	1.7	J	2.3	J	0.97	J	0.54	J	0.10	U	10	U
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Xylenes (total)	15	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL

NTS

Compound	NYSDEC Class GA GW Standard	MW-4A	Q	Duplicate 6/29/2016	Q	MW-4A	Q	MW-4A	Q	Duplicate 12/8/2015	Q	MW-4A	Q	Duplicate 9/29/2015	Q	MW-4A	Q	Duplicate 07/15/2015	Q	MW-4A	Q	Duplicate 01 03/31/2015	Q	MW-4A	Q	Duplicate 01 12/16/2014	Q	MW-4A	Q	Duplicate 1 9/30/2014	Q
Sample Date		Jun-16		Jun-16		Apr-16		Dec-15		Dec-15		Sep-15		Sep-15		Jul-15		Jul-15		Mar-15		Mar-15		Dec-14		Dec-14		Sep-14		Sep-14	
Screen Interval		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	420	U	420	U	210	U	210	U	10	U	10	U	110	U	110	U	420	U	210	U
1 1 2 2-Tetrachloroethane	5	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	300	U	300	U	150	U	150	U	10	U	10	U	75	U	75	U	300	U	150	U
1 1 2-Trichloroethane	1	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	380	U	380	U	190	U	190	U	10	U	10	U	95	U	95	U	380	U	190	U
1 1-Dichloroethane	5	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U	340	U	170	U	170	U	10	U	10	U	85	U	85	U	340	U	170	U
1 1-Dichloroethene	5	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	500	U	500	U	250	U	250	U	10	U	10	U	130	U	130	U	500	U	250	U
1 2-Dichloroethane	5	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	170	U	170	U	83	U	83	U	10	U	10	U	42	U	42	U	170	U	83	U
1 2-Dichloropropane	1	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U	340	U	170	U	170	U	10	U	10	U	85	U	85	U	340	U	170	U
2-Butanone (MEK)	50	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	300	U	300	U	150	U	150	U	10	U	10	U	75	U	75	U	300	U	150	U
2-Hexanone		0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	360	U	360	U	180	U	180	U	10	U	10	U	90	U	90	U	360	U	180	U
4-Methyl-2-pentanone (MIBK)	50	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U	340	U	170	U	170	U	10	U	10	U	85	U	85	U	340	U	170	U
Acetone	50	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	380	U	380	U	190	U	190	U	10	U	10	U	95	U	95	U	380	U	190	U
Benzene	0.7	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	320	U	320	U	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U
Dichlorobromomethane	50	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	300	U	300	U	150	U	150	U	10	U	10	U	75	U	75	U	300	U	150	U
Bromoform	50	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	1,000	U	1,000	U	500	U	500	U	10	U	10	U	250	U	250	U	1,000	U	500	U
Bromomethane	5	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	860	U	860	U	430	U	430	U	10	U	10	U	220	U	220	U	860	U	430	U
Carbon disulfide	50	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	420	U	420	U	210	U	210	U	10	U	10	U	110	U	110	U	420	U	210	U
Carbon tetrachloride	5	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	400	U	400	U	200	U	200	U	10	U	10	U	100	U	100	U	400	U	200	U
Chlorobenzene	5	0.20	U	0.20	U	0.50	U	1.7		1.7		320	U	320	U	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U
Chlorodibromomethane	5	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U	340	U	170	U	170	U	10	U	10	U	85	U	85	U	340	U	170	U
Chloroethane	50	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	500	U	500	U	250	U	250	U	10	U	10	U	130	U	130	U	500	U	250	U
Chloroform	7	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	380	U	380	U	190	U	190	U	10	U	10	U	95	U	95	U	380	U	190	U
Chloromethane		0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	460	U	460	U	230	U	230	U	10	U	10	U	120	U	120	U	460	U	230	U
cis-1 2-Dichloroethene	5	15	J	14	J	19	J	80		87		360	U	360	U	460	J	470	J	420		420		110	J	110	J	360	U	280	J
cis-1 3-Dichloropropene	0.4	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	280	U	280	U	140	U	140	U	10	U	10	U	70	U	70	U	280	U	140	U
Ethylbenzene	5	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	320	U	320	U	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U
Methylene chloride	5	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	260	U	260	U	130	U	130	U	10	U	10	U	65	U	65	U	260	U	130	U
Styrene	5	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U	340	U	170	U	170	U	10	U	10	U	85	U	85	U	340	U	170	U
Tetrachloroethene	5	300		310		580		7,800	D	7,600	D	28,000		27,000		31,000	D	31,000	D	19,000		19,000		6,800		6,700		27,000		28,000	D
Toluene	5	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	320	U	320	U	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U
trans-1 2-Dichloroethene	5	0.20	U	0.20	U	0.69	J	0.25	J	0.27	J	380	U	380	U	190	U	190	U	10	U	10	U	95	U	95	U	380	U	190	U
trans-1 3-Dichloropropene	0.4	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	320	U	320	U	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U
Trichloroethene	5	10	J	9.8	J	12	J	120		120		560	J	530	J	770	J	760	J	410		370		120	J	110	J	650	J	650	J
Vinyl chloride	2	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	460	U	460	U	230	U	230	U	10	U	10	U	120	U	120	U	460	U	230	U
Xylenes (total)	15	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	160	U	160	U	82	U	10	U	10	U	41	U	41	U	160	U	82	U	410	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class G A GW Standard	MW-4A	Q	Duplicate 6/24/2014	Q	MW-4A	Q	Duplicate 3/27/2014	Q	MW-4A	Q	MW-4A	Q	MW-4A	Q	Duplicate 7/13/2012	Q	MW-4A	Q	MW-4A	Q	Duplicate 4/10/12	Q	MW-4A	Q	Duplicate 12/22/11	Q	MW-4A	Q	MW-4A	Q	Duplicate 4/1/11	Q
Sample Date		Jun-14		Jun-14		Mar-14		Mar-14		Oct-13		Jul-13		Nov-12		Nov-12		Jul-12		Apr-12		Apr-12		Dec-11		Dec-11		Jul-11		Mar-11		Mar-11	
Screen Interval		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	1,100	U	1,100	U	840	U	840	U	840	U	1100	U	84	U	170	U	530	U	530	U	530	U	2.1	U	2.1	U	4.0	U	4.0	U	4.0	U
1 1 2 2-Tetrachloroethane	5	750	U	750	U	600	U	600	U	600	U	750	U	60	U	120	U	380	U	380	U	380	U	1.5	U	1.5	U	4.0	U	4.0	U	4.0	U
1 1 2-Trichloroethane	1	950	U	950	U	760	U	760	U	760	U	950	U	76	U	150	U	480	U	480	U	480	U	1.9	U	1.9	U	4.0	U	4.0	U	4.0	U
1 1-Dichloroethane	5	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U	430	U	430	U	430	U	1.7	U	1.7	U	4.0	U	4.0	U	4.0	U
1 1-Dichloroethene	5	1,300	U	1,300	U	1000	U	1000	U	1000	U	1300	U	100	U	200	U	630	U	630	U	630	U	2.5	U	2.5	U	4.0	U	4.0	U	4.0	U
1 2-Dichloroethane	5	420	U	420	U	330	U	330	U	330	U	420	U	33	U	66	U	210	U	210	U	210	U	0.83	U	0.83	U	4.0	U	4.0	U	4.0	U
1 2-Dichloropropane	1	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U	430	U	430	U	430	U	1.7	U	1.7	U	4.0	U	4.0	U	4.0	U
2-Butanone (MEK)	50	750	U	750	U	600	U	600	U	600	U	750	U	60	U	120	U	380	U	380	U	380	U	1.5	U	1.5	U	4.0	U	4.0	U	4.0	U
2-Hexanone		900	U	900	U	720	U	720	U	720	U	900	U	72	U	140	U	450	U	450	U	450	U	1.8	U	1.8	U	4.0	U	4.0	U	4.0	U
4-Methyl-2-pentanone (MIBK)	50	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U	430	U	430	U	430	U	1.7	U	1.7	U	4.0	U	4.0	U	4.0	U
Acetone	50	950	U	950	U	760	U	760	U	760	U	950	U	76	U	150	U	480	U	480	U	480	U	1.9	U	1.9	U	15	U	7.1	U	12	U
Benzene	0.7	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	U	4.0	U
Dichlorobromomethane	50	750	U	750	U	600	U	600	U	600	U	750	U	60	U	120	U	380	U	380	U	380	U	1.5	U	1.5	U	4.0	U	4.0	U	4.0	U
Bromoform	50	2,500	U	2,500	U	2000	U	2000	U	2000	U	2500	U	200	U	400	U	1300	U	1300	U	1300	U	5.0	U	5.0	U	4.0	U	4.0	U	4.0	U
Bromomethane	5	2,200	U	2,200	U	1700	U	1700	U	1700	U	2200	U	170	U	340	U	1100	U	1100	U	1100	U	4.3	U	4.3	U	4.0	U	4.0	U	4.0	U
Carbon disulfide	50	1,100	U	1,100	U	840	U	840	U	840	U	1100	U	84	U	170	U	530	U	530	U	530	U	2.1	U	2.1	U	4.0	U	31	U	24	U
Carbon tetrachloride	5	1,000	U	1,000	U	800	U	800	U	800	U	1000	U	80	U	160	U	500	U	500	U	500	U	2.0	U	2.0	U	4.0	U	4.0	U	4.0	U
Chlorobenzene	5	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	U	6.6	J
Chlorodibromomethane	5	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U	430	U	430	U	430	U	1.7	U	1.7	U	4.0	U	4.0	U	4.0	U
Chloroethane	50	1,300	U	1,300	U	1000	U	1000	U	1000	U	1300	U	100	U	200	U	630	U	630	U	630	U	2.5	U	2.5	U	4.0	U	4.0	U	4.0	U
Chloroform	7	950	U	950	U	760	U	760	U	760	U	950	U	76	U	150	U	480	U	480	U	480	U	1.9	U	1.9	U	4.0	U	4.0	U	4.0	U
Chloromethane		1,200	U	1,200	U	920	U	920	U	920	U	1200	U	92	U	180	U	580	U	580	U	580	U	2.3	U	2.3	U	4.0	U	4.0	U	4.0	U
cis-1 2-Dichloroethene	5	900	U	900	U	720	U	720	U	720	U	900	U	170	J	170	J	450	U	450	U	450	U	110		100		130	J	150	J	160	J
cis-1 3-Dichloropropene	0.4	700	U	700	U	560	U	560	U	560	U	700	U	56	U	110	U	350	U	350	U	350	U	1.4	U	1.4	U	4.0	U	4.0	U	4.0	U
Ethylbenzene	5	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	U	4.0	U
Methylene chloride	5	650	U	650	U	520	U	520	U	520	U	650	U	52	U	100	U	330	U	330	U	330	U	1.3	U	1.3	U	100	U	71	U	89	U
Styrene	5	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U	430	U	430	U	430	U	1.7	U	1.7	U	4.0	U	4.0	U	4.0	U
Tetrachloroethene	5	88,000		92,000		76,000	D	76,000	D	51,000		80,000		62,000	D	69,000	D	66,000	D	35,000		30,000		30,000	D	29,000	D	57,000	D	69,000	D	69,000	D
Toluene	5	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	U	4.0	U
trans-1 2-Dichloroethene	5	950	U	950	U	760	U	760	U	760	U	950	U	76	U	150	U	480	U	480	U	480	U	1.9	U	1.9	U	4.0	U	4.0	U	4.0	U
trans-1 3-Dichloropropene	0.4	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	U	4.0	U
Trichloroethene	5	1,400	J	1,400	J	2,400	J	2,400	J	760	U	950	U	2,100		1,900		1,300	J	1,100	J	970	J	570	D	560	D	1,300		600		620	
Vinyl chloride	2	1,200	U	1,200	U	920	U	920	U	920	U	1200	U	92	U	180	U	580	U	580	U	580	U	2.3	U	2.3	U	4.0	U	5.0	J	8.1	J
Xylenes (total)	15	410	U	330	U	330	U	330	U	410	U	33	U	65	U	200	U	200	U	200	U	0.82	U	0.82	U	4.0	U	4.0	U	4.0	U	4.0	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-4A	Q	Duplicate 12/15/10	Q	MW-4A	Q	MW-4A	Q	Duplicate 6/17/10	Q	MW-4A	Q	MW-4A	Q	Duplicate 12/17/09	Q	MW-4A	Q	MW-4A	Q	MW-4A	Q	MW-4A	Q
Sample Date		Dec-10		Dec-10		Sep-10		Jun-10		Jun-10		Mar-10		Dec-09		Dec-09		Sep-09		Jun-09		Mar-09		Dec-08	
Screen Interval		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	4.0	U	4.0	U	0.36	J	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
1 1 2 2-Tetrachloroethane	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
1 1 2-Trichloroethane	1	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
1 1-Dichloroethane	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
1 1-Dichloroethene	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
1 2-Dichloroethane	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
1 2-Dichloropropane	1	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
2-Butanone (MEK)	50	4.0	U	4.0	U	0.10	U	2.0	U*	2.0	U*	4.0	U*	10	U*	10	U*	2.5	U*	50	U	500	U	50	U
2-Hexanone		4.0	U	4.0	U	0.10	U	2.0	U*	2.0	U*	4.0	U	10	U*	10	U*	2.5	U*	50	U	500	U	50	U
4-Methyl-2-pentanone (MIBK)	50	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U*
Acetone	50	22	JB*	24	JB*	1.6	J	22	JB*	19	JB*	32	JB*	52	JB*	72	JB*	13	JB*	410	JB	10	UJ	50	U
Benzene	0.7	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Dichlorobromomethane	50	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Bromoform	50	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Bromomethane	5	4.0	U	4.0	U	0.10	U	3.3	J	3.7	J	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Carbon disulfide	50	4.0	JB	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Carbon tetrachloride	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Chlorobenzene	5	4.0	U	4.0	U	3.1	J	2.0	U	4.6	J	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Chlorodibromomethane	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Chloroethane	50	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Chloroform	7	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Chloromethane		4.0	U	4.0	U	0.10	U*	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
cis-1 2-Dichloroethene	5	36	J	40	J	49		51	J	41	J	110	J	78	J	77	J	150	J	77	J	150	J	230	J
cis-1 3-Dichloropropene	0.4	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Ethylbenzene	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Methylene chloride	5	100	JB	130	JB	0.23	JB	15	JB	18	JB	40	JB	53	JB	48	JB	58	JB	520	JB	500	U	570	JB
Styrene	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Tetrachloroethene	5	39,000		39,000		38,000	B	24,000		20,000		37,000		9,300		9,100		40,000		42,000		61,000		54,000	
Toluene	5	4.0	U	4.0	U	0.24	J	2.0	U	2.2	J	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
trans-1 2-Dichloroethene	5	4.0	U	4.0	U	0.31	J	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
trans-1 3-Dichloropropene	0.4	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U
Trichloroethene	5	390		390	J	410	J	320		310		560		140	J	130	J	490		280	J	600		420	J
Vinyl chloride	2	5.0	U	4.0	U	3.6	J*	4.3	J	2.6	J	8.7	J	10	U	10	U	6.7	J	50	U	500	U	50	U
Xylenes (total)	15	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10	U	10	U	2.5	U	50	U	500	U	50	U	5.0	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-4A	Q	Duplicate 9/16/08	Q	MW-4A	Q	MW-4A	Q	MW-4A	Q	MW-4A	Q	MW-4A	Q	MW-4A	Q	MW-4A	Q	MW-4A	Q
Sample Date		Sep-08		Sep-08		Jun-08		Mar-08		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Aug-06	
Screen Interval		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	5	J	2000	U
1 1 2 2-Tetrachloroethane	5	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
1 1 2-Trichloroethane	1	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
1 1-Dichloroethane	5	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
1 1-Dichloroethene	5	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
1 2-Dichloroethane	5	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
1 2-Dichloropropane	1	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
2-Butanone (MEK)	50	5.0	U	5.0	U	1.0	U	40	U	10	U	0.10	U	2000	U	2000	U	10	U	2000	U
2-Hexanone		5.0	U	5.0	U	1.0	U	40	U	10	U	0.10	U	2000	U	2000	U	10	U	2000	U
4-Methyl-2-pentanone (MIBK)	50	5.0	U	5.0	U	1.0	U	40	U	10	U	0.10	U	2000	U	2000	U	10	U	2000	U
Acetone	50	5.0	U	5.0	U	1.0	U	40	U	10	U	0.10	UJ	2000	U	2000	U	10	U	2000	U
Benzene	0.7	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
Dichlorobromomethane	50	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
Bromoform	50	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
Bromomethane	5	5.0	U	5.0	U	1.0	U	40	U	5	UJ	0.10	U	2000	U	2000	U	10	U	2000	U
Carbon disulfide	50	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	UJ	2000	U
Carbon tetrachloride	5	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
Chlorobenzene	5	5.0	U	5.0	U	1.0	U	40	U	5.5		5.1	J	2000	U	2000	U	10		2000	U
Chlorodibromomethane	5	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
Chloroethane	50	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
Chloroform	7	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
Chloromethane		5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
cis-1 2-Dichloroethene	5	280	J	290	J	92	J	24	J	110		66	J	2000	U	2000	U	71		2000	U
cis-1 3-Dichloropropene	0.4	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
Ethylbenzene	5	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	0.7	J	2000	U
Methylene chloride	5	240	JB	240	JB	24	JB	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
Styrene	5	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
Tetrachloroethene	5	51,000		51,000		55,000		50,000		48,000		46,000		22,000		18,000		79,000		16,000	
Toluene	5	5.0	U	5.0	U	1.0	U	40	U	1.5	J	2.0	J	2000	U	2000	U	4	J	2000	U
trans-1 2-Dichloroethene	5	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	0.8	J	2000	U
trans-1 3-Dichloropropene	0.4	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
Trichloroethene	5	600		640		260		230	J	600	J	720	J	360	J	280	J	1,600	J	420	J
Vinyl chloride	2	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2000	U	2000	U	10	U	2000	U
Xylenes (total)	15	5.0	U	1.0	U	40	U	0.53	J	0.58	J	2000	U	2000	U	2	J	2000	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-4B	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q	Duplicate 10/25/2013	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q		
Sample Date		Jun-16		Apr-16		Dec-15		Sep-15		Jul-15		Mar-15		Dec-14		Sep-14		Jun-14		Mar-14		Oct-13		Oct-13		Jul-13		Nov-12		Jul-12	
Screen Interval		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1 1 2 2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1 1 2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1 1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1 1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U
1 2-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.10	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
1 2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U	1.5	UJ	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	4.5	J
2-Hexanone		0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	0.10	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U
4-Methyl-2-pentanone (MIBK)	50	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.10	UJ	0.10	U	0.10	UJ	1.9	U	1.9	U	0.10	U	1.9	UJ	1.9	U	1.9	U	1.9	U	1.9	U	1.9	UJ	1.9	U	1.9	U	2.1	UJ
Benzene	0.7	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Dichlorobromomethane	50	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U	0.10	UJ	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U
Bromomethane	5	0.10	U	0.10	U	0.10	UJ	4.3	U	4.3	U	0.10	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	UJ	4.3	U	4.3	U	4.3	UJ	4.3	U
Carbon disulfide	50	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorodibromomethane	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	50	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.20	J	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane		0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1 2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	0.36	J	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	1.4	U	1.4	U	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.10	U	0.10	U	0.10	UJ	1.3	U	1.3	U	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	13		16		13		20		26		20		5.9	J	4.5	J	10		17		6.6	J	7.3	J	3.8	J	13		22	
Toluene	5	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
trans-1 2-Dichloroethene	5	0.10	U	0.10	UJ	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	0.83	J	0.73	J	1.8		2.3	J	3.1	J	2.7		3.8	J	3.3	J	3.9	J	7.9	J	4.6	J	4.9	J	4.1	J	3.1	J	5.5	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
Xylenes (total)	15	0.10	U	0.10	U	0.10	U	0.82	U	0.10	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class G A G W Standard	MW-4B	Q	MW-4B	Q	Duplicate 12/22/11	Q	MW-4B	Q	Duplicate 7/27/11	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q	Duplicate 3/9/10	Q	MW-4B	Q	MW-4B	Q	Duplicate 9/22/09	Q	MW-4B	Q	MW-4B	Q
Sample Date		Apr-12		Dec-11		Dec-11		Jul-11		Jul-11		Mar-11		Dec-10		Sep-10		Mar-10		Mar-10		Dec-09		Sep-09		Sep-09		Jun-09		Mar-09	
Screen Interval		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	U	1.5	UJ	1.5	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U*
2-Hexanone		1.8	U	1.8	UJ	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U*
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	1.9	U	1.9	UJ	1.9	UJ	0.69	UJ	0.86	UJ	0.24	UJ	0.76	JB*	0.82	J	0.10	U*	0.48	JB*	0.39	JB*	0.82	JB*	0.93	JB*	1.6	JB	0.45	JB
Benzene	0.7	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.3	UJ	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.19	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	0.25	J	0.24	J	0.33	J	0.32	J	0.23	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.33	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*
Chloroform	7	1.9	U	1.9	U	1.9	U	0.19	U	0.19	U	0.15	U	0.14	J	0.10	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane		2.3	U	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	0.67	J	0.67	J	0.40	J	0.46	J	0.34	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	0.45	U	0.46	U	0.28	U	0.43	JB	0.20	JB	0.36	JB	0.38	JB	0.46	JB	0.41	JB	0.39	JB	0.36	JB	0.10	U
Styrene	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	14		6.4	U	8.1	U	13		12		7.5	J	8.4	J	5.2	J	5.0	J	5.1	J	10		28		27		19		33	B
Toluene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.13	J	0.10	U	0.10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	6.6	J	4.1	J	4.3	J	4.9	J	4.8	J	3.6	J	4.5	J	3.3	J	0.77	J	0.78	J	0.26	J	0.47	J	0.49	J	0.29	J	0.51	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Xylenes (total)	15	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.12	J	0.10	U	0.10	U	0.10	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-4B	Q	Duplicate 12/10/08	Q	MW-4B	Q	Duplicate 6/10/08	Q	MW-4B	Q	Duplicate 3/6/08	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q	MW-4B	Q		
Sample Date		Dec-08		Dec-08		Sep-08		Jun-08		Jun-08		Mar-08		Mar-08		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Aug-06	
Screen Interval		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
1 1 2 2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
1 1 2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
1 1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
1 1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
1 2-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	UJ
1 2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	10	U	10	U	10	U	10	UJ
2-Hexanone		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	10	U	10	U	10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	U	10	U
Acetone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	10	UJ	10	U	10	UJ	10	U
Benzene	0.7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Dichlorobromomethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	UJ	0.10	U	10	U	10	U	10	U	10	U
Carbon disulfide	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Chlorodibromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Chloroethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Chloromethane		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	UJ	0.10	U	10	UJ	10	U	10	U	10	U
cis-1 2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
cis-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Methylene chloride	5	0.10	U	0.10	U	0.26	JB	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	5	63		62		33		13		14		44		50		40		25		11		26		28	J	49	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
trans-1 2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	13		0.15	J	10	U	10	U
trans-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Trichloroethene	5	0.53	J	0.63	J	0.34	J	0.10	U	0.10	U	1.0	J	0.98	J	5	U	0.49	J	10	U	0.7	J	0.8	J	10	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	UJ	10	U	10	U	10	U
Xylenes (total)	15	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-5A	Q	MW-5A	Q	MW-5A	Q	MW-5A	Q	MW-5A	Q	Duplicate 9/24/09	Q	MW-5A	Q	MW-5A	Q	MW-5A	Q
Sample Date		Oct-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	10	U
2-Hexanone		1.8	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.9	U	4.9	U	1.8	JB	1.4	JB*	1.1	JB*	0.10	U*	0.10	U	10	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Chloroform	7	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane		2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	0.21	JB	0.37	JB	0.43	JB	0.26	JB	0.10	U	10	U
Styrene	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	2.1	U	2.1	U	4.0	U	0.36	J	0.10	U	0.17	J	0.10	U	0.51	J	10	U
Toluene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Xylenes (total)	15	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-5B	Q	MW-5B	Q	MW-5B	Q	MW-5B	Q	MW-5B	Q	MW-5B	Q	MW-5B	Q	MW-5B	Q
Sample Date		Oct-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval		130-140		130-140		130-140		130-140		130-140		130-140		130-140		130-140	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U	0.10	U	10	U
2-Hexanone		1.8	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U	0.10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.9	U	1.9	U	0.58	J	0.90	JB*	0.10	U	0.10	U	10	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Chloroform	7	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane		2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	0.17	JB	0.40	JB	0.28	JB	0.10	U	10	U
Styrene	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	2.1	U	2.1	U	2.1	U	0.45	J	0.28	J	0.10	U	0.10	U	10	U
Toluene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
Xylenes (total)	15	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-6A	Q	MW-6A	Q	Duplicate 9/30/2015	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q
Sample Date		Dec-15		Sep-15		Sep-15		Jul-15		Apr-15		Dec-14		Sep-14		Jun-14		Mar-14		Oct-13		Jul-13		Nov-12		Jul-12		Apr-12	
Screen Interval		56-59		56-59		56-59		56-59		56-59		56-59		56-59		56-59		56-59		56-59		56-59		56-59		56-59		56-69	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.10	U	2.1	U	2.1	U	2.1	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1 1 2 2-Tetrachloroethane	5	0.10	U	1.5	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1 1 2-Trichloroethane	1	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1 1-Dichloroethane	5	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1 1-Dichloroethene	5	0.10	U	2.5	U	2.5	U	2.5	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1 2-Dichloroethane	5	0.10	U	0.83	U	0.83	U	0.83	U	0.10	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
1 2-Dichloropropane	1	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	1.5	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
2-Hexanone		0.10	U	1.8	U	1.8	U	1.8	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
4-Methyl-2-pentanone (MIBK)	50	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Benzene	0.7	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Dichlorobromomethane	50	0.10	U	1.5	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.10	U	5.0	U	5.0	U	5.0	U	0.10	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5	0.10	U	4.3	U	4.3	U	4.3	U	0.10	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U
Carbon disulfide	50	0.10	U	2.1	U	2.1	U	2.1	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	2.0	U	2.0	U	2.0	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorodibromomethane	5	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	50	0.10	U	2.5	U	2.5	U	2.5	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane		0.10	U	2.3	U	2.3	U	2.3	U	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1 2-Dichloroethene	5	0.10	U	1.8	U	1.8	U	1.8	U	0.12	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1 3-Dichloropropene	0.4	0.10	U	1.4	U	1.4	U	1.4	U	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.10	U	1.3	U	1.3	U	1.3	U	0.10	U	1.3	U	1.3	J	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	0.10	U	2.1	U	2.1	U	2.1	U	1.8	U	2.1	U	2.1	U	5.8	J	7.8	J	2.1	U	2.1	U	7.3	J	2.1	U	2.4	J
Toluene	5	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
trans-1 2-Dichloroethene	5	0.10	U	1.9	U	1.9	U	1.9	U	0.15	J	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1 3-Dichloropropene	0.4	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	0.10	U	2.3	U	2.3	U	2.3	U	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
Xylenes (total)	15	0.10	U	0.82	U	0.82	U	0.10	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-6A	Q	Duplicate 12/23/2011	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	Duplicate 9/19/08	Q
Sample Date		Dec-11		Dec-11		Jul-11		Mar-11		Dec-10		Sep-10		Mar-10		Dec-09		Sep-09		Jun-09		Mar-09		Dec-08		Sep-08		Sep-08	
Screen Interval		56-69		56-69		56-69		56-69		56-69		56-69		56-69		56-69		56-69		56-69		56-69		56-69		56-69		56-69	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	UJ	1.5	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U
2-Hexanone		1.8	UJ	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U
Acetone	50	1.9	UJ	1.9	UJ	0.46	UJ	0.34	UJ	0.98	JB*	1.0	J	0.34	JB*	1.4	JB*	0.10	U*	1.3	JB*	0.10	U*	0.10	U	0.10	U	0.10	U
Benzene	0.7	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Dichlorobromomethane	50	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U
Carbon disulfide	50	2.1	U	2.1	U	0.10	U	0.30	U	0.10	U	0.10	U	0.10	U	0.11	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorodibromomethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	50	2.5	U	2.5	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U
Chloroform	7	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane		2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.16	J*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	1.3	U	0.38	U	0.33	U	1.2	JB	0.30	JB	0.37	JB	0.53	JB	0.34	JB	0.53	JB	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	4.9	J	4.3	J	1.3	U	3.0	J	0.79	J	0.46	J	1.6	J	0.78	J	1.3	J	1.9	J	11	B	0.10	U	1.1	J	0.61	J
Toluene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.36	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Vinyl chloride	2	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Xylenes (total)	15	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	Duplicate 6/12/08	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A	Q	MW-6A dup	Q	MW-6A	Q
Sample Date		Jun-08		Jun-08		Mar-08		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Nov-06		Aug-06	
Screen Interval		56-69		56-69		56-69		56-69		56-69		56-69		56-69		59-69		56-69		59-69	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
1 1 2 2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
1 1 2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
1 1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
1 1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
1 2-Dichloroethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	UJ
1 2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	UJ
2-Hexanone		0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
4-Methyl-2-pentanone (MIBK)	50	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Acetone	50	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	UJ	10	U	10	UJ	10	UJ	10	U
Benzene	0.7	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Dichlorobromomethane	50	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Carbon disulfide	50	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Chlorodibromomethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Chloroethane	50	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Chloromethane		0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	UJ	10	U	10	UJ	10	UJ	10	U
cis-1 2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
cis-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Styrene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Tetrachloroethene	5	2.0	J	1.9	J	0.10	U	0.67	J	2.6	J	1.3	J	3.9	J	10	UJ	10	UJ	10	U
Toluene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
trans-1 2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
trans-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Trichloroethene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	UJ	10	U	10	UJ	10	UJ	10	U
Xylenes (total)	15	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-6B	Q	MW-6B	Q	MW-6B	Q	MW-6B	Q	MW-6B	Q	MW-6B	Q	Duplicate 9/28/09	Q	MW-6B	Q	MW-6B	Q	MW-6B	Q	MW-6B	Q
Sample Date		Sep-15		Sep-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-09		Sep-08		Aug-07		May-07		Aug-06	
Screen Interval		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	UJ	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	10	U	10	U
2-Hexanone		1.8	U	1.8	U	1.8	U	1.8	UJ	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	UJ	0.91	J	1.5	J*	0.88	J*	0.10	U*	0.10	U	10	UJ	10	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Chloromethane		2.3	U	2.3	U	2.3	U	2.3	U	0.18	J*	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.30	JB	0.42	JB	0.38	JB	0.51	JB	0.10	U	10	U	10	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Tetrachloroethene	5	39		42		67		79		110		7.7	J	6.9	J	15		1.2	J	1.8	J	10	U
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.11	J	0.18	J	0.17	J	0.10	U	0.10	U	10	U	10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.9	J	10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	2.6	J	3.7	J	1.8	J	1.7	J	1.7	J*	1.2	J	1.7	J	3	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	10	U
Xylenes (total)	15	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-7A	Q	MW-7A	Q	MW-7A	Q	MW-7A	Q	MW-7A	Q	Duplicate 9/25/09	Q	MW-7A	Q	MW-7A	Q	MW-7A	Q
Sample Date		Oct-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.10	U	0.10		0.10	U	0.10	U	0.10	U	10	UJ
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
2-Hexanone		1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.0	JB*	0.74	JB	0.10	U	0.10	U	0.10	U	10	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroform	7	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane		2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	0.27	JB	0.43	JB	0.39	JB	0.10	U	0.10	U	10	U
Styrene	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	2.1	U	2.1	U	2.1	U	1.8	JB	0.45	J	0.67	J	0.10	U	0.58	J	10	U
Toluene	5	1.6	U	1.6	U	1.6	U	0.18	J	0.10		0.10	U	0.10	U	0.10	U	10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.19	J	0.10	U	0.33	J	10	U
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Xylenes (total)	15	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-7B	Q	MW-7B	Q	Duplicate 5 10/3/2014	Q	MW-7B	Q	MW-7B	Q	Duplicate 9/26/10	Q	MW-7B	Q	MW-7B	Q	Duplicate 9/18/08	Q	MW-7B	Q	MW-7B	Q
Sample Date		Oct-15		Oct-14		Oct-14		Oct-13		Sep-10		Sep-10		Sep-09		Sep-08		Sep-08		Aug-07		Aug-06	
Screen Interval		136-146		136-146		136-146		136-146		136-146		136-146		136-146		136-146		136-146		136-146		136-146	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	0.23	J	0.23	J	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.14	J	0.10	U	0.15	J	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
2-Hexanone		1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	U	0.71	JB*	0.35	JB*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	5.0	UJ	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane		2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.23	JB	0.29	JB	0.36	JB	0.10	U	0.44	JB	0.10	U	10	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	2.1	U	2.1	U	2.1	U	2.1	U	2.3	JB	1.2	J	1.70	J	0.10	U	0.10	U	0.38	J	10	U
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.11	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.26	J	0.20	J	0.32	J	0.10	U	0.10	U	1.1	J	2	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Xylenes (total)	15	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	4.1	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-8A	Q	MW-8A	Q	MW-8A	Q	Duplicate 12/9/2015	Q	MW-8A	Q	Duplicate 10/6/2015	Q	MW-8A	Q	Duplicate 07/16/2015	Q	MW-8A	Q	Duplicate 02 04012015	Q	MW-8A	Q	Duplicate 02 12/17/2014	Q	MW-8A	Q	Duplicate 10/1/2014	Q	MW-8A	Q
Sample Date		Jun-16		Apr-16		Dec-15		Dec-15		Oct-15		Oct-15		Jul-15		Jul-15		Apr-15		Apr-15		Dec-14		Dec-14		Oct-14		Oct-14		Jun-14	
Screen Interval		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.10	U	0.20	U	0.10	U	0.10	U	11	U	11	U	11	U	11	U	0.50	U	0.50	U	21	U	21	U	21	U	21	U	21	U
1 1 2 2-Tetrachloroethane	5	0.10	U	0.20	U	0.10	U	0.10	U	7.5	U	7.5	U	7.5	U	7.5	U	0.50	U	0.50	U	15	U	15	U	15	U	15	U	15	U
1 1 2-Trichloroethane	1	0.10	U	0.20	U	0.10	U	0.10	U	9.5	U	9.5	U	9.5	U	9.5	U	0.50	U	0.50	U	19	U	19	U	19	U	19	U	19	U
1 1-Dichloroethane	5	0.10	U	0.20	U	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U	8.5	U	0.50	UJ	0.50	UJ	17	U	17	U	17	U	17	U	17	U
1 1-Dichloroethene	5	0.10	U	0.20	U	0.10	U	0.10	U	13	U	13	U	13	U	13	U	0.50	U	0.50	U	25	U	25	U	25	U	25	U	25	U
1 2-Dichloroethane	5	0.10	U	0.20	U	0.10	U	0.10	U	4.2	U	4.2	U	4.2	U	4.2	U	0.50	UJ	0.50	UJ	8.3	U	8.3	U	8.3	U	8.3	U	8.3	U
1 2-Dichloropropane	1	0.10	U	0.20	U	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U	8.5	U	0.50	U	0.50	U	17	U	17	U	17	U	17	U	17	U
2-Butanone (MEK)	50	0.10	U	0.20	U	0.10	U	0.10	U	7.5	U	7.5	U	7.5	U	7.5	U	0.50	U	0.50	U	15	UJ	15	UJ	15	U	15	U	15	U
2-Hexanone		0.10	U	0.20	U	0.10	U	0.10	U	9.0	U	9.0	U	9.0	U	9.0	U	0.50	U	0.50	U	18	UJ	18	UJ	18	U	18	U	18	U
4-Methyl-2-pentanone (MIBK)	50	0.10	U	0.20	U	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U	8.5	U	0.50	U	0.50	U	17	U	17	U	17	U	17	U	17	U
Acetone	50	0.10	UJ	0.20	U	0.10	UJ	0.10	UJ	9.5	U	9.5	U	9.5	U	9.5	U	0.50	U	0.50	U	19	UJ	19	UJ	19	U	19	U	19	U
Benzene	0.7	0.10	U	0.20	U	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U
Dichlorobromomethane	50	0.10	U	0.20	U	0.10	U	0.10	U	7.5	U	7.5	U	7.5	U	7.5	U	0.50	U	0.50	U	15	U	15	U	15	U	15	U	15	U
Bromoform	50	0.10	U	0.20	U	0.10	U	0.10	U	25	U	25	U	25	U	25	U	0.50	U	0.50	U	50	U	50	U	50	U	50	U	50	U
Bromomethane	5	0.10	U	0.20	U	0.10	U	0.10	U	22	U	22	U	22	U	22	U	0.50	U	0.50	U	43	U	43	U	43	U	43	U	43	U
Carbon disulfide	50	0.10	U	0.20	U	0.10	U	0.10	U	11	U	11	U	11	U	11	U	0.50	U	0.50	U	21	U	21	U	21	U	21	U	21	U
Carbon tetrachloride	5	0.10	U	0.20	U	0.10	U	0.10	U	10	U	10	U	10	U	10	U	0.50	U	0.50	U	20	U	20	U	20	U	20	U	20	U
Chlorobenzene	5	0.10	U	0.20	U	0.27	J	0.26	J	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U
Chlorodibromomethane	5	0.10	U	0.20	U	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U	8.5	U	0.50	U	0.50	U	17	U	17	U	17	U	17	U	17	U
Chloroethane	50	0.10	U	0.20	U	0.10	U	0.10	U	13	U	13	U	13	U	13	U	0.50	U	0.50	U	25	U	25	U	25	U	25	U	25	U
Chloroform	7	0.10	U	0.20	U	0.10	U	0.10	U	9.5	U	9.5	U	9.5	U	9.5	U	0.50	U	0.50	U	19	U	19	U	19	U	19	U	19	U
Chloromethane		0.10	U	0.20	U	0.10	U	0.10	U	12	U	12	U	12	U	12	U	0.50	U	0.50	U	23	U	23	U	23	U	23	U	23	U
cis-1 2-Dichloroethene	5	14		35		76		76		130		120		120		120		34		30		18	UJ	18	J	57	J	57	J	180	
cis-1 3-Dichloropropene	0.4	0.10	U	0.20	U	0.10	U	0.10	U	7.0	U	7.0	U	7.0	U	7.0	U	0.50	U	0.50	U	14	U	14	U	14	U	14	U	14	U
Ethylbenzene	5	0.10	U	0.20	U	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U
Methylene chloride	5	0.10	U	0.20	U	0.10	UJ	0.10	UJ	6.5	U	6.5	U	6.5	U	6.5	U	0.50	U	0.50	U	13	U	13	U	13	U	13	U	13	U
Styrene	5	0.10	U	0.20	U	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U	8.5	U	0.50	U	0.50	U	17	U	17	U	17	U	17	U	17	U
Tetrachloroethene	5	120		190		330	D	320	D	360		340		260		270		480		490		590		620		1,400	J	1,400		1,900	
Toluene	5	0.10	U	0.20	U	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U
trans-1 2-Dichloroethene	5	0.10	U	0.54	J	0.33	J	0.30	J	9.5	U	9.5	U	9.5	U	9.5	U	0.50	U	0.69	J	19	U	19	U	19	U	19	U	19	U
trans-1 3-Dichloropropene	0.4	0.10	U	0.20	U	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U
Trichloroethene	5	6.8	J	14	J	29		29		38	J	36	J	24	J	25	J	18		20		19	UJ	19	J	57	J	55	J	140	
Vinyl chloride	2	0.10	U	0.20	U	0.10	U	0.10	U	12	U	12	U	12	U	12	U	0.50	U	0.50	U	23	U	23	U	23	U	23	U	23	U
Xylenes (total)	15	0.10	U	0.20	U	0.10	U	0.10	U	4.1	U	4.1	U	4.1	U	0.50	U	0.50	U	8.2	U	8.2	U	8.2	U	8.2	U	8.2	U	8.2	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-8A	Q	Duplicate 3/27/2014	Q	MW-8A	Q	MW-8A	Q	MW-8A	Q	MW-8A	Q	Duplicate 7/25/2012	Q	MW-8A	Q	MW-8A	Q	MW-8A	Q	Duplicate 7/28/11	Q	MW-8A	Q	Duplicate 3/31/11	Q	MW-8A	Q
Sample Date		Mar-14		Mar-14		Oct-13		Jul-13		Nov-12		Jul-12		Jul-12		Apr-12		Dec-11		Jul-11		Jul-11		Mar-11		Mar-11		Dec-10	
Screen Interval		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		132-142		64-74		64-74		64-74	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	21	U	21	U	110	U	21	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1 2 2-Tetrachloroethane	5	15	U	15	U	75	U	15	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1 2-Trichloroethane	1	19	U	19	U	95	U	19	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1-Dichloroethane	5	17	U	17	U	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1-Dichloroethene	5	25	U	25	U	130	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 2-Dichloroethane	5	8.3	U	8.3	U	42	U	8.3	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 2-Dichloropropane	1	17	U	17	U	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	15	UJ	15	UJ	75	U	15	U	1.5	U	1.5	UJ	1.5	UJ	1.5	U	1.5	UJ	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	U
2-Hexanone		18	U	18	U	90	U	18	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-pentanone (MIBK)	50	17	U	17	U	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	19	U	19	U	95	U	19	U	1.9	U	1.9	UJ	1.9	UJ	1.9	U	1.9	UJ	0.78	UJ	0.54	UJ	0.49	UJ	0.24	UJ	0.73	JB*
Benzene	0.7	16	U	16	U	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	1.2	J	0.10	U
Dichlorobromomethane	50	15	U	15	U	75	U	15	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	50	U	50	U	250	U	50	U	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	43	UJ	43	UJ	220	U	43	U	4.3	U	4.3	U	4.3	U	4.3	UJ	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	50	21	U	21	U	110	U	21	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.26	U	0.25	U	0.10	U
Carbon tetrachloride	5	20	U	20	U	100	U	20	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	16	U	16	U	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorodibromomethane	5	17	U	17	U	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	50	25	U	25	U	130	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	U
Chloroform	7	19	U	19	U	95	U	19	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane		23	U	23	U	120	U	23	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	0.20	J	0.10	J	0.10	U	0.10	U	0.10	U
cis-1 2-Dichloroethene	5	190		190		170	J	150		40		28		27		4.9	J	1.8	U	0.12	J	0.12	J	0.26	J	0.10	U	0.10	U
cis-1 3-Dichloropropene	0.4	14	U	14	U	70	U	14	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	16	U	16	U	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	13	U	13	U	65	U	13	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	0.46	U	0.36	U	0.33	U	0.30	U	0.49	JB*
Styrene	5	17	U	17	U	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	1,600		1,700		9,600		7,200	D	1,000	D	770	D	770	D	84		21		15		13		12		12		12	
Toluene	5	16	U	16	U	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1 2-Dichloroethene	5	19	U	19	U	95	U	19	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1 3-Dichloropropene	0.4	16	U	16	U	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	140		130		280	J	230		53		45		44		8.9	J	1.9	U	0.10	U	0.48	J	0.16	J	0.13	J	0.49	J
Vinyl chloride	2	23	U	23	U	120	U	23	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Xylenes (total)	15	8.2	U	41	U	8.2	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.34	J	0.10	U	0.10	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-8A	Q	Duplicate 9/24/10	Q	MW-8A	Q	MW-8A	Q	MW-8A	Q	Duplicate 12/15/09	Q	MW-8A	Q	Duplicate 9/23/09	Q	MW-8A	Q	MW-8A	Q	MW-8A	Q	Duplicate 12/9/08	Q	MW-8A	Q	Duplicate 9/17/08	Q	MW-8A	Q
Sample Date		Sep-10		Sep-10		Jun-10		Mar-10		Dec-09		Dec-09		Sep-09		Sep-09		Jun-09		Mar-09		Dec-08		Dec-08		Sep-08		Sep-08		Jun-08	
Screen Interval		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1 2 2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1 2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 2-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Hexanone		0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-pentanone (MIBK)	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U
Acetone	50	1.2	J	1.1	J	0.10	U*	0.42	JB*	0.95	JB*	1.2	JB*	0.48	JB*	0.40	JB*	1.0	J*B	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Benzene	0.7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Dichlorobromomethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	50	0.10	U	0.10	U	0.10	U	0.12	J	0.12	J	0.16	J	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorodibromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane		0.28	J*	0.29	J*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1 2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.21	J	0.10	U	0.10	U	0.10	U	0.27	J	0	J	0.10	U	0.10	U	0.1	U	0.10	U	1.9	J
cis-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.27	JB	0.23	JB	0.25	JB	0.40	JB	0.53	JB	0.54	JB	0.43	JB	0.43	JB	0.40	JB	10	U	0.10	U	0.10	U	0.37	JB	0.10	U	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	10		9.9	J	17		23		20		20		20		20		39		29		63		62		77		75		200	
Toluene	5	0.15	J	0.12	J	0.10	U	0.19	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1 2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.13	J	0.16	J	0.10	U	0.10	U	0.13	J	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.34	J	0.38	J	0.64	J	0.82	J	1.1	J	0.98	J	0.93	J	0.89	J	1.7	J	1.3	J	2.3	J	2.3	J	3.6	J	3.7	J	14	
Vinyl chloride	2	0.10	U*	0.10	U*	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Xylenes (total)	15	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.40	U

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TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-8A	Q	MW-8A	Q	MW-8A DUP	Q	MW-8A	Q	MW-8A	Q	MW-8A	Q	MW-8A	Q	MW-8A	Q
Sample Date		Mar-08		Dec-07		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Aug-06	
Screen Interval		64-74		64-74		64-74		64-74		64-74		64-74		64-74		64-74	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
1 1 2 2-Tetrachloroethane	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
1 1 2-Trichloroethane	1	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
1 1-Dichloroethane	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
1 1-Dichloroethene	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
1 2-Dichloroethane	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
1 2-Dichloropropane	1	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
2-Butanone (MEK)	50	0.40	U	10	U	10	U	1.0	U	200	U	400	U	10	U	1000	U
2-Hexanone		0.40	U	10	U	10	U	1.0	U	200	U	400	U	10	U	1000	U
4-Methyl-2-pentanone (MIBK)	50	0.40	U	10	U	10	U	1.0	U	200	U	400	U	10	U	1000	U
Acetone	50	0.40	U	10	U	10	U	1.0	U	200	U	400	U	10	U	1000	U
Benzene	0.7	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Dichlorobromomethane	50	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Bromoform	50	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Bromomethane	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Carbon disulfide	50	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Carbon tetrachloride	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Chlorobenzene	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Chlorodibromomethane	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Chloroethane	50	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Chloroform	7	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Chloromethane		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
cis-1 2-Dichloroethene	5	3.2	J	8.1		8.3		7.8	J	7.7	J	12	J	22		1000	U
cis-1 3-Dichloropropene	0.4	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Ethylbenzene	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Methylene chloride	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Styrene	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Tetrachloroethene	5	380		1,200		1,300		1,400		2,200		5,400		11,000		11,000	
Toluene	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
trans-1 2-Dichloroethene	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
trans-1 3-Dichloropropene	0.4	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U
Trichloroethene	5	25		78		88		74		110	J	130	J	170		1000	U
Vinyl chloride	2	0.40	U	5	U	5	U	1.0	U	2.2	J	400	U	6	J	1000	U
Xylenes (total)	15	5	U	5	U	1.0	U	200	U	400	U	10	U	1000	U	0.82	U

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WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	Duplicate 7/17/2013	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	Duplicate 4/11/2012	Q
Sample Date		Dec-15		Oct-15		Jul-15		Apr-15		Dec-14		Oct-14		Jun-14		Mar-14		Oct-13		Jul-13		Jul-13		Nov-12		Jul-12		Apr-12		Apr-12		Apr-12	
Screen Interval		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.10	U	2.1	U	2.1	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1 1 2 2-Tetrachloroethane	5	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1 1 2-Trichloroethane	1	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1 1-Dichloroethane	5	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1 1-Dichloroethene	5	0.10	U	2.5	U	2.5	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1 2-Dichloroethane	5	0.10	U	0.83	U	0.83	U	0.10	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
1 2-Dichloropropane	1	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
2-Hexanone		0.10	U	1.8	U	1.8	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
4-Methyl-2-pentanone (MIBK)	50	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Benzene	0.7	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Dichlorobromomethane	50	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromofom	50	0.10	U	5.0	U	5.0	U	0.10	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5	0.10	U	4.3	U	4.3	U	0.10	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U
Carbon disulfide	50	0.10	U	2.1	U	2.1	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	2.0	U	2.0	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorodibromomethane	5	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	50	0.10	U	2.5	U	2.5	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane		0.10	U	2.3	U	2.3	U	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1 2-Dichloroethene	5	0.10	U	1.8	U	1.8	U	0.11	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1 3-Dichloropropene	0.4	0.10	U	1.4	U	1.4	U	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.10	U	1.3	U	1.3	U	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	0.95	U	2.1	U	2.1	U	1.3	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	4.5	J	2.1	U	2.1	U	2.1	U	2.1	U
Toluene	5	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
trans-1 2-Dichloroethene	5	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1 3-Dichloropropene	0.4	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	0.25	J	1.9	U	1.9	U	0.25	J	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	0.10	U	2.3	U	2.3	U	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
Xylenes (total)	15	0.10	U	0.82	U	0.10	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	Duplicate 12/14/10	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	Duplicate 3/10/10	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q
Sample Date		Dec-11		Jul-11		Mar-11		Dec-10		Dec-10		Sep-10		Jun-10		Mar-10		Mar-10		Dec-09		Sep-09		Jun-09		Mar-09	
Screen Interval		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1 2-Trichloroethane	1	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1-Dichloroethane	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1-Dichloroethene	5	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 2-Dichloroethane	5	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1 2-Dichloropropane	1	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	UJ	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U
2-Hexanone		1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*
4-Methyl-2-pentanone (MIBK)	50	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*
Acetone	50	1.9	UJ	0.46	UJ	0.35	UJ	0.63	JB*	0.56	JB*	1.1	J	0.10	U*	0.10	JB*	1.0	JB*	0.48	JB*	0.10	U	0.89	JB*	0.48	J
Benzene	0.7	1.60	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Dichlorobromomethane	50	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*
Carbon disulfide	50	2.1	U	0.10	U	0.25	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	J	0.19	J	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	0.10	U	0.10	U	0.14	J	0.10	U	0.10	U	0.10	U	0.12	J	0.20	J	0.21	J	0.10	U	0.18	J	0.10	U
Chlorobenzene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorodibromomethane	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	50	2.5	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.36	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	1.9	U	0.10	U	0.10	U	0.11	JB	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.11	J	0.10	U	0.10	U	0.10	U
Chloromethane		2.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	J*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1 2-Dichloroethene	5	1.8	U	0.10	U	0.10	U	2.3	J	0.22	J	0.21	J	0.10	U	0.28	J	0.35	J	0.32	J	0.28	J	0.25	J	0.26	J
cis-1 3-Dichloropropene	0.4	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	0.39	U	0.27	U	0.46	JB	0.49	JB	0.22	JB	0.22	JB	0.48	JB	0.42	JB	0.55	JB	0.37	JB	0.38	JB	0.14	JB
Styrene	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	3.0	U	1.9	J	2.4	J	2.5	J	2.8	J	2.6	J	3.0	J	3.7	J	3.2	J	2.7	J	2.2	J	2.1	J	1.6	J
Toluene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.18	J	0.10	U	0.10	U	0.10	U	0.13	J
trans-1 2-Dichloroethene	5	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1 3-Dichloropropene	0.4	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.9	U	0.81	J	1.3	J	2.4	J	2.4	J	2.4	J	2.7	J	3.0	J	3.0	J	3.0	J	2.5	J	2.2	J	1.9	J
Vinyl chloride	2	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Xylenes (total)	15	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-8B	Q	MW-8B	Q	Duplicate 6/11/08	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B	Q	MW-8B dup	Q	MW-8B	Q
Sample Date		Dec-08		Sep-08		Jun-08		Jun-08		Mar-08		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Nov-06		Aug-06	
Screen Interval		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142		132-142	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
1 1 2 2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
1 1 2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
1 1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
1 1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
1 2-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
1 2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Acetone	50	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	UJ	10	U	10	U
Benzene	0.7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Dichlorobromomethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	UJ	0.10	U	10	U	10	U	10	U	10	U	10	U
Carbon disulfide	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Chlorodibromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Chloroethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Chloromethane		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
cis-1 2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
cis-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Methylene chloride	5	0.10	U	0.29	JB	0.74	JB	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	5	2.1	J	1.3	J	1.7	J	1.9	J	1.6	J	10	U	2.4	J	10	U	18		10	U	3	J	17	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.63	J	0.10	U	10	U	10	U	10	U	10	U	10	U
trans-1 2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	0.75	J	10	U	10	U	10	U	10	U
trans-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	5	1.6	J	1.5	J	1.5	J	1.4	J	1.2	J	0.98	J	1.4	J	1.2	J	1.2	J	2	J	2	J	1	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U
Xylenes (total)	15	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-9A	Q	MW-9A	Q	Duplicate 4 10/2/2014	Q	MW-9A	Q	MW-9A	Q	MW-9A	Q	MW-9A	Q	MW-9A	Q	MW-9A	Q	MW-9A	Q
Sample Date		Oct-15		Oct-14		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	11	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	7.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	9.5	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	8.5	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	13	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	4.2	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	8.5	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	7.5	U	1.5	U	0.10	U*	0.10	U	0.10	U	0.10	U	500	U
2-Hexanone		1.8	U	1.8	U	1.8	U	9.0	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	8.5	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Acetone	50	1.9	U	1.9	U	1.9	U	9.5	U	1.9	U	0.90	JB*	1	J	0.10	U	0.10	U	500	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	8.0	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	7.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Bromoform	50	5.0	U	5.0	U	5.0	U	25	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	22	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	11	U	2.1	U	0.10	U*	0.10	U	0.10	U	0.10	U	500	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	10	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	8.0	U	1.6	U	0.10	U	0.10	U	0.10	U	0.63	J	500	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	8.5	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	13	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Chloroform	7	1.9	U	1.9	U	1.9	U	9.5	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Chloromethane		2.3	U	2.3	U	2.3	U	12	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	500	U
cis-1 2-Dichloroethene	5	2.1	J	14		14		320		270	D	0.22	J	0.1	J	0.10	U	4.3	J	500	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	7.0	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	8.0	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	6.5	U	1.3	U	0.23	JB	0.42	JB	0.10	U	0.10	U	110	J
Styrene	5	1.7	U	1.7	U	1.7	U	8.5	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Tetrachloroethene	5	7.4	J	93		93		770		440	D	16	B	28	U	52		500		3,900	
Toluene	5	1.6	U	1.6	U	1.6	U	8.0	U	2.0	J	0.33	J	0.13	J	0.10	U	0.43	J	500	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	9.5	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	8.0	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Trichloroethene	5	1.9	U	8.9	J	8.9	J	160		190		0.32	J	0.28	J	0.59	J	36		260	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	12	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	500	U
Xylenes (total)	15	0.82	U	0.82	U	4.1	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-9B	Q	MW-9B	Q	MW-9B	Q	MW-9B	Q	MW-9B	Q	MW-9B	Q	Duplicate 10/1/09	Q	MW-9B	Q	MW-9B	Q	MW-9B	Q
Sample Date		Oct-15		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147		137-147	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	UJ	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Hexanone		1.8	U	1.8	U	1.8	U	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.9	U	4.1	U	1.9	UJ	0.93	JB*	1.2	J	1.20	U	0.10	U*	0.10	U	10	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	5.0	UJ	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	4.3	U	4.3	UJ	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane		2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.28	JB	0.4	JB	0.46	JB	0.10	U	0.10	U	10	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	2.1	U	2.4	J	2.1	U	14		7.2	JB	9.3	J	10	J	29		25		10	U
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.2	J	0.17	J	0.10	U	0.10	U	10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.24	J	0.47	J	0.49	J	0.50	J*	1.1	J	2	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Xylenes (total)	15	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-10A	Q	MW-10A	Q	MW-10A	Q	MW-10A	Q	Duplicate 11/16/2012	Q	MW-10A	Q	Duplicate 9/23/10	Q	MW-10A	Q	MW-10A	Q	Duplicate 9/22/08	Q	MW-10A	Q	MW-10A	Q
Sample Date		Oct-15		Sep-14		Oct-13		Nov-12		Nov-12		Sep-10		Sep-10		Sep-09		Sep-08		Sep-08		Aug-07		Aug-06	
Screen Interval		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70		60-70	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
2-Hexanone		1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.6	J	1.1	J	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane		2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	0.25	J*	0.20	J*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	0.17	J	0.15	J	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	0.26	JB	0.25	JB	0.36	JB	0.10	U	0.10	U	0.10	U	10	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	3.2	J	3.2	U	140		12		10		200	B	200	B	44		11		11		72		87	
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	1.9	U	1.9	U	2.3	J	1.9	U	1.9	U	1.9	J	2.0	J	0.54	J	0.10	U	0.10	U	1.5	J	2	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Xylenes (total)	15	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-10B	Q	MW-10B	Q	MW-10B	Q	MW-10B	Q	MW-10B	Q	MW-10B	Q	MW-10B	Q
Sample Date		Oct-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-08		Aug-07	
Screen Interval		137-147		137-147		137-147		137-147		137-147		137-147		137-147	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	0.27	J	0.27	J	0.73	J	0.10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	0.11	J	0.12	J	0.10	U	0.10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U	0.10	U
2-Hexanone		1.8	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U	0.10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.2	J	0.62	JB*	0.10	U*	0.10	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.3	U	4.3	U	4.3	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane		2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	0.28	JB	0.34	JB	0.47	JB	0.10	U
Styrene	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	2.1	U	2.1	U	2.1	U	0.86	J	0.55	J	0.10	U	0.34	J
Toluene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	1.3	J	1.3	J	1.3	J	1.6	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U
Xylenes (total)	15	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-11	Q	MW-11	Q	MW-11	Q	Duplicate 10/23/2013	Q	MW-11	Q	MW-11	Q	MW-11	Q	MW-11	Q	MW-11	Q
Sample Date		Oct-15		Sep-14		Oct-13		Oct-13		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval		139-149		139-149		139-149		139-149		139-149		139-149		139-149		139-149		139-149	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
2-Hexanone		1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	U	1.6	J	1.5	U	0.10	U	0.10	UJ	10	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.13	J	0.10	U	1.3	J	0.6	J
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane		2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	0.22	J	0.34	J	0.59	J	0.95	J	10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.27	JB	0.41	JB	0.10	U	0.10	U	10	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	2.1	U	2.1	U	2.5	J	2.5	J	2.3	J	3.3	J	3.0	J	6.9	J	5	J
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.29	J	0.10	U	0.10	U	10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	1.9	U	1.9	U	4.8	J	4.9	J	3.0	J	4	J	13		22		21	
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
Xylenes (total)	15	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-12	Q	Duplicate 10/2/2015	Q	MW-12	Q	MW-12	Q	MW-12	Q	MW-12	Q	MW-12	Q	Duplicate 9/26/08	Q	MW-12	Q	MW-12	Q
Sample Date		Oct-15		Oct-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-08		Sep-08		Aug-07		Aug-06	
Screen Interval		139-149		139-149		139-149		139-149		139-149		139-149		139-149		139-149		139-149		139-149	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.11	J	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Hexanone		1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.9	U	1.9	U	2.8	J	1.1	JB*	0.75	J	0.10	U*	0.10	U*	0.10	U	10	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane		2.3	U	2.3	U	2.3	U	2.3	U	0.22	J*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.30	JB	0.49	JB	0.54	JB	0.10	U	0.10	U	10	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	2.1	J	2.3	J	2.1	U	2.1	J	1.8	JB	0.65	J	0.10	U	0.10	U	2.3	J	10	U
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.25	J	0.10	U	0.10	U	0.10	U	10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	6.6	J	6.4	J	3.7	J	1.9	J	2.2	J	2.4	J	0.10	U*	0.10	U*	0.26	J	10	U
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Xylenes (total)	15	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-13A	Q	MW-13A	Q	Duplicate 4/08/16	Q	MW-13A	Q	MW-13A	Q	MW-13A	Q	MW-13A	Q	MW-13A	Q	MW-13A	Q	MW-13A	Q	MW-13A	Q		
Sample Date		Jul-16		Apr-16		Apr-16		Oct-15		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval		69-79		69-79		69-79		69-79		69-79		69-79		69-79		69-79		69-79		69-79		69-79		69-79	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	4.2	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
1 1 2 2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	3.0	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
1 1 2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	3.8	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
1 1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
1 1-Dichloroethene	5	0.10	U	0.21	J	0.18	J	5.0	U	2.5	U	2.5	U	2.5	U	0.25	J	0.2	J	0.10	U	0.10	U	40	U
1 2-Dichloroethane	5	0.10	U	0.10	U	0.10	U	1.7	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
1 2-Dichloropropane	1	0.96	J	0.37	J	0.47	J	3.4	U	1.7	U	1.7	U	1.7	U	0.35	J	0.25	J	0.10	U	0.10	U	40	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	3.0	U	1.5	U	1.5	U	1.5	U	0.10	U*	0.10	U	0.10	U	0.10	U	40	U
2-Hexanone		0.10	U	0.10	U	0.10	U	3.6	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
4-Methyl-2-pentanone (MIBK)	50	0.10	U	0.10	U	0.10	U	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
Acetone	50	0.10	UJ	0.10	U	0.10	U	3.8	U	1.9	U	6.5	U	1.9	U	0.44	JB*	0.10	U	0.10	U*	0.10	U	40	U
Benzene	0.7	0.10	U	0.10	U	0.10	U	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
Dichlorobromomethane	50	0.10	U	0.10	U	0.10	U	3.0	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
Bromoform	50	0.10	U	0.10	U	0.10	U	10	U	5.0	UJ	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	40	U
Bromomethane	5	0.10	U	0.10	UJ	0.10	UJ	8.6	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	40	UJ
Carbon disulfide	50	0.10	U	0.10	U	0.10	U	4.2	U	2.1	U	2.1	U	2.1	U	0.1	U*	0.10	U	0.10	U	0.10	U	40	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	4.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
Chlorodibromomethane	5	0.10	U	0.10	U	0.10	U	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
Chloroethane	50	0.10	U	0.10	U	0.10	U	5.0	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	40	UJ
Chloroform	7	0.10	U	0.10	U	0.10	U	3.8	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
Chloromethane		0.10	U	0.10	U	0.10	U	4.6	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	40	U
cis-1 2-Dichloroethene	5	5.4	J	7.1	J	7.2	J	9.4	J	12		5.3	J	3.1	J	5.7	J	4.3	J	8.2	J	20		12	J
cis-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	2.8	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	2.6	U	1.3	U	1.3	U	1.3	U	0.23	JB	0.39	JB	0.10	U	0.10	U	40	U
Styrene	5	0.10	U	0.10	U	0.10	U	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
Tetrachloroethene	5	180		170	D	180	D	260		350	D	140		19		240		200		95		570		360	
Toluene	5	0.10	U	0.10	U	0.10	U	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
trans-1 2-Dichloroethene	5	0.10	U	0.18	J	0.16	J	3.8	U	1.9	U	1.9	U	1.9	U	0.12	J	0.16	J	0.10	U	0.10	U	40	U
trans-1 3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U
Trichloroethene	5	6.0	J	8.4	J	8.7	J	11	J	14		5.8	J	1.9	U	6.5	J	4.7	J	8.2	J	20		13	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	4.6	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	40	U
Xylenes (total)	15	0.10	U	0.10	U	0.10	U	1.6	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U	1.6	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-13B	Q	Duplicate 10/5/2015	Q	MW-13B	Q	MW-13B	Q	MW-13B	Q	MW-13B	Q	Duplicate 9/25/10	Q	MW-13B	Q	Duplicate 9/30/09	Q	MW-13B	Q	Duplicate 9/24/08	Q	MW-13B	Q	MW-13B	Q
Sample Date		Oct-15		Oct-15		Oct-14		Oct-13		Nov-12		Sep-10		Sep-10		Sep-09		Sep-09		Sep-08		Sep-08		Aug-07		Aug-06	
Screen Interval		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	4.2	U	4.2	U	4.2	U	11	U	2.1	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
1 1 2 2-Tetrachloroethane	5	3.0	U	3.0	U	3.0	U	7.5	U	1.5	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
1 1 2-Trichloroethane	1	3.8	U	3.8	U	3.8	U	9.5	U	1.9	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
1 1-Dichloroethane	5	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
1 1-Dichloroethene	5	5.0	U	5.0	U	5.0	U	13	U	2.5	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
1 2-Dichloroethane	5	1.7	U	1.7	U	1.7	U	4.2	U	0.83	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
1 2-Dichloropropane	1	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
2-Butanone (MEK)	50	3.0	U	3.0	U	3.0	U	7.5	U	1.5	U	0.10	U	0.10	U*	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
2-Hexanone		3.6	U	3.6	U	3.6	U	9.0	U	1.8	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
4-Methyl-2-pentanone (MIBK)	50	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Acetone	50	3.8	U	3.8	U	3.8	U	9.5	U	1.9	U	1.2	J	0.93	JB*	15	J	18	J	0.10	U*	0.10	U*	0.10	U	200	U
Benzene	0.7	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Dichlorobromomethane	50	3.0	U	3.0	U	3.0	U	7.5	U	1.5	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Bromoform	50	10	U	10	U	10	U	25	U	5.0	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Bromomethane	5	8.6	U	8.6	U	8.6	U	22	U	4.3	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Carbon disulfide	50	4.2	U	4.2	U	4.2	U	11	U	2.1	U	0.10	U	0.10	U*	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Carbon tetrachloride	5	4.0	U	4.0	U	4.0	U	10	U	2.0	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Chlorobenzene	5	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.45	J	200	U
Chlorodibromomethane	5	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Chloroethane	50	5.0	U	5.0	U	5.0	U	13	U	2.5	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Chloroform	7	3.8	U	3.8	U	3.8	U	9.5	U	1.9	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Chloromethane		4.6	U	4.6	U	4.6	U	12	U	2.3	U	0.20	J*	0.10	U*	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
cis-1 2-Dichloroethene	5	3.6	U	3.6	U	5.5	J	17	J	9.4	J	1.7	J	2.0	J	21	J	22	J	19		20		23		23	J
cis-1 3-Dichloropropene	0.4	2.8	U	2.8	U	2.8	U	7.0	U	1.4	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Ethylbenzene	5	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	J	200	U
Methylene chloride	5	2.6	U	2.6	U	2.6	U	6.5	U	1.3	U	0.25	JB	0.30	JB	49	JB	48	JB	0.20	JB	0.10	U	0.10	U	200	U
Styrene	5	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Tetrachloroethene	5	180		200		330		770		620	D	450	B	460		3,700		3,700		1,900		2,000		2,700		2,900	
Toluene	5	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U	0.11	J	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
trans-1 2-Dichloroethene	5	3.8	U	3.8	U	3.8	U	9.5	U	1.9	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
trans-1 3-Dichloropropene	0.4	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Trichloroethene	5	12	J	12	J	31		110		60		8.8	J	9.0	J	71	J	72	J	50		57		65		69	J
Vinyl chloride	2	4.6	U	4.6	U	4.6	U	12	U	2.3	U	0.10	U*	0.10	U*	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Xylenes (total)	15	1.6	U	1.6	U	4.1	U	0.82	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U	1.6	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-13C	Q	MW-13C	Q	MW-13C	Q	Duplicate 10/22/2013	Q	MW-13C	Q	MW-13C	Q	MW-13C	Q	MW-13C	Q	MW-13C	Q	MW-13C	Q
Sample Date		Oct-15		Sep-14		Oct-13		Oct-13		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval		119-129		119-129		239-249		239-249		239-249		239-249		239-249		239-249		239-249		239-249	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	4.2	U	4.2	U	4.2	U	2.1	U	2.1	U	1.1	J	1.2	J	1.4	J	1.8	J	40	U
1 1 2 2-Tetrachloroethane	5	3.0	U	3.0	U	3.0	U	1.5	U	1.5	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U
1 1 2-Trichloroethane	1	3.8	U	3.8	U	3.8	U	1.9	U	1.9	U	0.20	J	0.5	U	0.10	U	0.10	U	40	U
1 1-Dichloroethane	5	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	1.3	J	1.1	J	0.88	J	0.72	J	40	U
1 1-Dichloroethene	5	5.0	U	5.0	U	5.0	UJ	2.6	J	2.5	U	4.4	J	4.5	J	0.10	U	5.3	J	40	U
1 2-Dichloroethane	5	1.7	U	1.7	U	1.7	U	0.83	U	0.83	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U
1 2-Dichloropropane	1	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U
2-Butanone (MEK)	50	3.0	U	3.0	U	3.0	U	1.5	U	1.5	U	0.10	U*	0.5	U	0.10	U	0.10	U	40	U
2-Hexanone		3.6	U	3.6	U	3.6	U	1.8	U	1.8	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U
4-Methyl-2-pentanone (MIBK)	50	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U
Acetone	50	3.8	U	3.8	U	3.8	U	21	U	1.9	U	0.96	JB*	3.8	J	0.10	U*	0.10	U	40	U
Benzene	0.7	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U
Dichlorobromomethane	50	3.0	U	3.0	U	3.0	U	1.5	U	1.5	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U
Bromoform	50	10	U	10	UJ	10	U	5.0	U	5.0	UJ	0.10	U	0.5	U	0.10	U	0.10	U	40	U
Bromomethane	5	8.6	U	8.6	U	8.6	U	4.3	U	4.3	U	0.10	U	0.5	U	0.10	U	0.10	U	40	UJ
Carbon disulfide	50	4.2	U	4.2	U	4.2	U	2.1	U	2.1	U	0.10	U*	0.5	U	0.10	U	0.10	U	40	U
Carbon tetrachloride	5	8.5	J	7.6	J	6.0	J	6.9	J	2.0	U	20		16	J	28		36		42	
Chlorobenzene	5	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U
Chlorodibromomethane	5	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U
Chloroethane	50	5.0	U	5.0	U	5.0	U	2.5	U	2.5	U	0.10	U	0.5	U	0.10	U	0.10	U	40	UJ
Chloroform	7	4.7	J	5.2	J	3.8	U	3.5	J	1.9	U	2.1	J	2.1	J	1.60	J	1.7	J	1	J
Chloromethane		4.6	U	4.6	U	4.6	U	2.3	U	2.3	U	0.10	U*	0.5	U	0.10	U	0.10	U	40	U
cis-1 2-Dichloroethene	5	56		61		79		78		1.8	U	53		39	J	28		20		15	J
cis-1 3-Dichloropropene	0.4	2.8	U	2.8	U	2.8	U	1.4	U	1.4	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U
Ethylbenzene	5	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U
Methylene chloride	5	2.6	U	2.6	U	2.6	U	1.3	U	1.3	U	0.23	JB	8.4	JB	0.42	JB	0.10	U	40	U
Styrene	5	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U
Tetrachloroethene	5	58		63		64		70		640	J	100	B	96		67		88		89	
Toluene	5	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.11	J	0.5	U	0.10	U	0.10	U	40	U
trans-1 2-Dichloroethene	5	3.8	U	3.8	U	3.8	U	1.9	U	1.9	U	0.55	J	0.93	J	2.0	J	0.10	U	40	U
trans-1 3-Dichloropropene	0.4	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U
Trichloroethene	5	300		340		390		410	D	13		560		510		410		530		500	
Vinyl chloride	2	4.6	U	4.6	U	4.6	U	2.3	U	2.3	U	0.10	U*	0.5	U	0.10	U	0.10	U	40	U
Xylenes (total)	15	1.6	U	1.6	U	0.82	U	0.82	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class G A GW Standard	MW-14A	Q	Duplicate 6/30/2016	Q	MW-14A	Q	MW-14A	Q	Duplicate 9/28/2015	Q	MW-14A	Q	MW-14A	Q	Duplicate 10/21/2013	Q	MW-14A	Q	Duplicate 11/13/2012	Q	MW-14A	Q	MW-14A	Q	MW-14A	Q	Duplicate 9/25/08	Q	MW-14A	Q	MW-14A	Q
Sample Date		Jun-16		Jun-16		Apr-16		Sep-15		Sep-15		Oct-14		Oct-13		Oct-13		Nov-12		Nov-12		Sep-10		Sep-09		Sep-08		Sep-08		Aug-07		Aug-06	
Screen Interval		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129		119-129	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.0	U	2.0	U	2.0	U	42	U	42	U	210	U	2.1	U	84	U	2.1	U	8.4	U	4.0	U	50	U	5.0	U	5.0	U	12	U	2,000	U
1 1 2 2-Tetrachloroethane	5	2.0	U	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U	60	U	1.5	U	6	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
1 1 2-Trichloroethane	1	2.0	U	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U	76	U	1.9	U	7.6	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
1 1-Dichloroethane	5	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U	6.8	U	4.0	U	1.8	J	5.0	U	5.0	U	1.2	J	2000	U
1 1-Dichloroethene	5	2.0	U	2.0	U	2.0	U	50	U	50	U	250	U	2.5	U	100	U	2.5	U	10	U	6.9	J	3.2	J	5.0	U	5.0	U	7.0	J	2000	U
1 2-Dichloroethane	5	2.0	U	2.0	U	2.0	U	17	U	17	U	83	U	0.83	U	33	U	0.83	U	3.3	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
1 2-Dichloropropane	1	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U	6.8	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
2-Butanone (MEK)	50	2.0	U	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U	60	U	1.5	U	6	U	4.0	U*	50	U	5.0	U	5.0	U	0.10	U	2000	U
2-Hexanone		2.0	U	2.0	U	2.0	U	36	U	36	U	180	U	1.8	U	72	U	1.8	U	7.2	U	4.0	U*	50	U	5.0	U	5.0	U	0.10	U	2000	U
4-Methyl-2-pentanone (MIBK)	50	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U	6.8	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
Acetone	50	2.0	U	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U	76	U	1.9	U	7.6	U	7.6	JB*	280	JB	5.0	U*	5.0	U*	0.10	U	2000	U
Benzene	0.7	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
Dichlorobromomethane	50	2.0	U	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U	60	U	1.5	U	6	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
Bromoform	50	2.0	U	2.0	U	2.0	U	100	U	100	U	500	U	5.0	U	200	U	5.0	U	20	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
Bromomethane	5	2.0	U	2.0	U	2.0	U	86	U	86	U	430	U	4.3	U	170	U	4.3	U	17	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
Carbon disulfide	50	2.0	U	2.0	U	2.0	U	42	U	42	U	210	U	2.1	U	84	U	2.1	U	8.4	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	40	U	40	U	200	U	2.0	U	80	U	2.0	U	8.0	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
Chlorobenzene	5	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	5.0	U	8.3	J	2000	U
Chlorodibromomethane	5	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U	6.8	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
Chloroethane	50	2.0	U	2.0	U	2.0	U	50	U	50	U	250	U	2.5	U	100	U	2.5	U	10	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
Chloroform	7	2.0	U	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U	76	U	1.9	U	7.6	U	4.0	U	50	U	66	J	67	J	0.10	U	2000	U
Chloromethane		2.0	U	2.0	U	2.0	U	46	U	46	U	230	U	2.3	U	92	U	2.3	U	9.2	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
cis-1 2-Dichloroethene	5	18	J	17	J	7.5	J	36	U	36	U	180	U	61		72	R	190		190		330	J	440	J	570		590		700	J	460	J
cis-1 3-Dichloropropene	0.4	2.0	U	2.0	U	2.0	U	28	U	28	U	140	U	1.4	U	56	U	1.4	U	5.6	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
Ethylbenzene	5	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	5.0	U	0.30	J	2000	U
Methylene chloride	5	2.0	U	2.0	U	2.0	U	26	U	26	U	130	U	1.3	U	52	U	1.3	U	5.2	U	41	JB	1,000	JB	64	JB	56	JB	0.10	U	2,000	U
Styrene	5	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U	6.8	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
Tetrachloroethene	5	2,100		2,100		2,000		2,700		3,300		10,000		12,000	D	11,000	D	37,000	D	34,000	D	48,000		59,000		58,000		61,000		75,000		32,000	
Toluene	5	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	5.0	U	2.9	J	2000	U
trans-1 2-Dichloroethene	5	2.0	U	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U	76	U	1.9	U	7.6	U	4.4	J	50	U	5.0	U	5.0	U	5.9	J	2000	U
trans-1 3-Dichloropropene	0.4	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2000	U
Trichloroethene	5	62	J	57	J	44	J	80	J	100	J	340	J	340	J	340	J	1,400	J	1,400	J	1,500		1,800	J	2,200		2,100		2,300	J	1,200	J
Vinyl chloride	2	2.0	U	2.0	U	2.0	U	46	U	46	U	230	U	2.3	U	92	U	2.3	U	9.2	U	4.0	U	50	U	5.0	U	5.0	U	0.94	J	2000	U
Xylenes (total)	15	2.0	U	2.0	U	2.0	U	16	U	16	U	0.82	U	33	U	0.82	U	3.3	U	4.0	U	50	U	5.0	U	5.0	U	1.6	J	2000	U	16	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-14B	Q	MW-14B	Q	Duplicate 4/15/16	Q	MW-14B	Q	MW-14B	Q	Duplicate 6 10/6/2014	Q	MW-14B	Q	MW-14B	Q	MW-14B	Q	Duplicate 9/28/10	Q	MW-14B	Q	MW-14B	Q	MW-14B	Q	MW-14B	Q
Sample Date		Jun-16		Apr-16		Apr-16		Sep-15		Oct-14		Oct-14		Oct-13		Nov-12		Sep-10		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval		159-169		159-169		159-169		159-169		159-169		159-169		159-169		159-169		159-169		159-169		159-169		159-169		159-169		159-169	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.0	U	2.0	U	2.0	U	42	U	42	U	42	U	42	U	6.3	J	24	J	24	J	36	J	48	J	75		400	U
1 1 2 2-Tetrachloroethane	5	2.0	U	2.0	U	2.0	U	30	U	30	U	30	U	30	U	1.5	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
1 1 2-Trichloroethane	1	2.0	U	2.0	U	2.0	U	38	U	38	U	38	U	38	U	1.9	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
1 1-Dichloroethane	5	2.0	U	2.0	U	2.0	U	34	U	34	U	34	U	34	U	1.7	U	2.0	J	2.0	J	5	U	1.0	U	11		400	U
1 1-Dichloroethene	5	2.0	U	2.0	U	2.0	U	50	U	50	U	50	U	50	U	2.5	U	3.9	J	5.1	J	19	J	13	J	36		400	U
1 2-Dichloroethane	5	2.0	U	2.0	U	2.0	U	17	U	17	U	17	U	17	U	0.83	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
1 2-Dichloropropane	1	2.0	U	2.0	U	2.0	U	34	U	34	U	34	U	34	U	1.7	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
2-Butanone (MEK)	50	2.0	U	2.0	U	2.0	U	30	U	30	U	30	U	30	U	1.5	U	0.40	U*	0.40	U*	5	U	1.0	U	0.10	U	400	U
2-Hexanone		2.0	U	2.0	U	2.0	U	36	U	36	U	36	U	36	U	1.8	U	0.40	U*	0.40	U*	5	U	1.0	U	0.10	U	400	U
4-Methyl-2-pentanone (MIBK)	50	2.0	U	2.0	U	2.0	U	34	U	34	U	34	U	34	U	1.7	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Acetone	50	2.0	UJ	2.0	U	2.0	U	38	U	38	U	38	U	38	U	1.9	U	1.2	JB*	1.2	JB*	23	JB	1.0	U	0.10	U	400	U
Benzene	0.7	2.0	U	2.0	U	2.0	U	32	U	32	U	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Dichlorobromomethane	50	2.0	U	2.0	U	2.0	U	30	U	30	U	30	U	30	U	1.5	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Bromoform	50	2.0	U	2.0	U	2.0	U	100	U	100	UJ	100	UJ	100	U	5.0	UJ	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Bromomethane	5	2.0	U	2.0	U	2.0	U	86	U	86	U	86	U	86	U	4.3	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	UJ
Carbon disulfide	50	2.0	U	2.0	U	2.0	U	42	U	42	U	42	U	42	U	2.1	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	40	U	40	U	40	U	40	U	2	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Chlorobenzene	5	2.0	U	2.0	U	2.0	U	32	U	32	U	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.84	J	400	U
Chlorodibromomethane	5	2.0	U	2.0	U	2.0	U	34	U	34	U	34	U	34	U	1.7	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Chloroethane	50	2.0	U	2.0	U	2.0	U	50	U	50	U	50	U	50	U	2.5	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	UJ
Chloroform	7	2.0	U	2.0	U	2.0	U	38	U	38	U	38	U	38	U	1.9	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Chloromethane		2.0	U	2.0	U	2.0	U	46	U	46	U	46	U	46	U	2.3	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
cis-1 2-Dichloroethene	5	2.0	U	2.0	U	2.0	U	36	U	36	U	36	U	36	U	11		11	J	11	J	12	J	22		28		400	U
cis-1 3-Dichloropropene	0.4	2.0	U	2.0	U	2.0	U	28	U	28	U	28	U	28	U	1.4	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Ethylbenzene	5	2.0	U	2.0	U	2.0	U	32	U	32	U	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Methylene chloride	5	2.0	U	2.0	U	2.0	U	26	U	26	U	26	U	26	U	1.3	U	4.7	JB	3.6	JB	96	JB	13	JB	0.10	U	400	U
Styrene	5	2.0	U	2.0	U	2.0	U	34	U	34	U	34	U	34	U	1.7	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Tetrachloroethene	5	2,000		1,600		1,800		2,600		3,300		3,300		2,600		5,500	D	4,500		4,600		5,200		13,000		13,000		3,600	
Toluene	5	2.0	U	2.0	U	2.0	U	32	U	32	U	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
trans-1 2-Dichloroethene	5	2.0	U	2.0	U	2.0	U	38	U	38	U	38	U	38	U	1.9	U	0.66	J	0.40	U	5	U	1.0	U	0.10	U	400	U
trans-1 3-Dichloropropene	0.4	2.0	U	2.0	U	2.0	U	32	U	32	U	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Trichloroethene	5	23	J	20	J	26	J	38	U	38	U	38	U	38	U	93		17	J	17	J	19	J	140		91		400	U
Vinyl chloride	2	2.0	U	2.0	U	2.0	U	46	U	46	U	46	U	46	U	2.3	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Xylenes (total)	15	2.0	U	2.0	U	2.0	U	16	U	16	U	16	U	0.82	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.82	U

FROST STREET SITES
WESTBURY, NEW YORK

TABLE 6

QUARTERLY GROUNDWATER MONITORING RESULTS - ALL SAMPLING EVENTS

Compound	NYSDEC Class GA GW Standard	MW-14C	Q	MW-14C	Q	MW-14C	Q	MW-14C	Q	MW-14C	Q	MW-14C	Q	Duplicate 9/29/09	Q	MW-14C	Q	MW-14C	Q	MW-14C	Q
Sample Date		Sep-15		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval		239-249		239-249		239-249		239-249		239-249		239-249		239-249		239-249		239-249		239-249	
Units		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
1 1 1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	0.91	J	0.86	J	0.85	J	1.3	J	1.9	J	3	J
1 1 2 2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1 2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	2.0	J	1.8	J	1.8	J	2.4	J	3.1	J	5	J
1 1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	J	3.8	J	3.2	J	3.2	J	4.0	J	5.5	J	8	J
1 2-Dichloroethane	5	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1 2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U*	0.10	U	0.10	U	0.10	UJ	0.10	U	10	U
2-Hexanone		1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
4-Methyl-2-pentanone (MIBK)	50	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	U	1.2	JB*	0.10	U	0.10	U	0.10	UJ	0.10	UJ	10	U
Benzene	0.7	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Dichlorobromomethane	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	5.0	UJ	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon disulfide	50	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	9.0	J	8.1	J	7.6	J	12		18		16		16	J	26		33		45	
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorodibromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	50	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroform	7	3.6	J	2.5	J	1.9	U	1.9	U	1.4	J	1.1	J	1	J	1.1	J	1.3	J	1	J
Chloromethane		2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1 2-Dichloroethene	5	33		20		18		16		9.9	J	5.6	J	5.5	J	7.1	J	6.2	J	6	J
cis-1 3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.30	JB	0.4	JB	0.39	JB	0.10	U	0.10	U	10	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	34		25		20		29		25	B	21		23		28		37		36	
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.11	J	0.10	U	0.10	U	0.10	U	10	U
trans-1 2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.15	J	0.13	J	0.14	J	0.10	U	0.10	U	10	U
trans-1 3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	190		140		120		130		130		90		90		140		160		140	
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Xylenes (total)	15	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U

APPENDIX A

JUNE-JULY 2016 GROUNDWATER SAMPLING
LABORATORY ANALYTICAL DATA

ANALYTICAL REPORT

Job Number: 460-116243-1

Job Description: Frost Street Site, Westbury(NY)

For:

Walden Associates

16 Spring St.

Oyster Bay, NY 11771

Attention: Kristin Scroope



Approved for release.
Judy L. Stone
Senior Project Manager
10/12/2016 4:48 PM

Judy L. Stone, Senior Project Manager
10 Hazelwood Drive, Amherst, NY, 14228-2298
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judy.stone@testamericainc.com
10/12/2016
Revision: 1

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Job Narrative
460-116243-1

Revision (1)

The report has been revised to correct the sample ID for FSMW-4A 06292016.

Receipt

The samples were received on 6/29/2016 3:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.9° C.

GC/MS VOA

Method(s) OLM04.2/VOL: The following samples were diluted to bring the concentration of target analytes within the calibration range: FSMW-4A 06292015 (460-116243-3) and Duplicate 06292016 (460-116243-5). Elevated reporting limits (RLs) are provided.

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

VOA Prep

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

SAMPLE SUMMARY

Client: Walden Associates

Job Number: 460-116243-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-116243-1TB	Trip Blank 06292016	Water	06/29/2016 0000	06/29/2016 1510
460-116243-2	Equipment 06292016	Water	06/29/2016 0820	06/29/2016 1510
460-116243-3	FSMW-4A 06292016	Water	06/29/2016 1030	06/29/2016 1510
460-116243-4	FSMW-4B 06292016	Water	06/29/2016 0920	06/29/2016 1510
460-116243-5	Duplicate 06292016	Water	06/29/2016 0000	06/29/2016 1510

EXECUTIVE SUMMARY - Detections

Client: Walden Associates

Job Number: 460-116243-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-116243-1TB	TRIP BLANK 06292016					
2-Butanone (MEK)		13		10	ug/L	OLM04.2/VOL
Acetone		20		10	ug/L	OLM04.2/VOL
460-116243-3	FSMW-4A 06292016					
cis-1,2-Dichloroethene		15	J	20	ug/L	OLM04.2/VOL
Tetrachloroethene		300		20	ug/L	OLM04.2/VOL
Trichloroethene		10	J	20	ug/L	OLM04.2/VOL
460-116243-4	FSMW-4B 06292016					
Tetrachloroethene		13		10	ug/L	OLM04.2/VOL
Trichloroethene		0.83	J	10	ug/L	OLM04.2/VOL
460-116243-5	DUPLICATE 06292016					
cis-1,2-Dichloroethene		14	J	20	ug/L	OLM04.2/VOL
Tetrachloroethene		310		20	ug/L	OLM04.2/VOL
Trichloroethene		9.8	J	20	ug/L	OLM04.2/VOL

METHOD SUMMARY

Client: Walden Associates

Job Number: 460-116243-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	OLM04.2	OLM04.2/VOL
Purge and Trap	TAL EDI		SW846 5030B

Lab References:

TAL EDI = TestAmerica Edison

Method References:

OLM04.2 = "Statement of Work for Organic Analysis", Multi-Media, Multi-Concentration September 1998

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

METHOD / ANALYST SUMMARY

Client: Walden Associates

Job Number: 460-116243-1

Method	Analyst	Analyst ID
OLM04.2 OLM04.2/VOL	Boykin, Kenneth	KLB

Analytical Data

Client: Walden Associates

Job Number: 460-116243-1

Client Sample ID: Trip Blank 06292016

Lab Sample ID: 460-116243-1TB

Date Sampled: 06/29/2016 0000

Client Matrix: Water

Date Received: 06/29/2016 1510

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377690	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45697.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2016 0839			Final Weight/Volume:	5 mL
Prep Date:	07/07/2016 0839				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	13		0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	20		0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		76 - 114
Toluene-d8 (Surr)	99		88 - 110
4-Bromofluorobenzene	100		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116243-1

Client Sample ID: Equipment 06292016

Lab Sample ID: 460-116243-2

Date Sampled: 06/29/2016 0820

Client Matrix: Water

Date Received: 06/29/2016 1510

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377690	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45699.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2016 0928			Final Weight/Volume:	5 mL
Prep Date:	07/07/2016 0928				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		76 - 114
Toluene-d8 (Surr)	100		88 - 110
4-Bromofluorobenzene	99		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116243-1

Client Sample ID: FSMW-4A 06292016

Lab Sample ID: 460-116243-3

Date Sampled: 06/29/2016 1030

Client Matrix: Water

Date Received: 06/29/2016 1510

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377886	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45732.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2016 0323			Final Weight/Volume:	5 mL
Prep Date:	07/08/2016 0323				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.20	U	0.20	20
1,1,2,2-Tetrachloroethane	0.20	U	0.20	20
1,1,2-Trichloroethane	0.20	U	0.20	20
1,1-Dichloroethane	0.20	U	0.20	20
1,1-Dichloroethene	0.20	U	0.20	20
1,2-Dichloroethane	0.20	U	0.20	20
1,2-Dichloropropane	0.20	U	0.20	20
2-Butanone (MEK)	0.20	U	0.20	20
2-Hexanone	0.20	U	0.20	20
4-Methyl-2-pentanone (MIBK)	0.20	U	0.20	20
Acetone	0.20	U	0.20	20
Benzene	0.20	U	0.20	20
Dichlorobromomethane	0.20	U	0.20	20
Bromoform	0.20	U	0.20	20
Bromomethane	0.20	U	0.20	20
Carbon disulfide	0.20	U	0.20	20
Carbon tetrachloride	0.20	U	0.20	20
Chlorobenzene	0.20	U	0.20	20
Chlorodibromomethane	0.20	U	0.20	20
Chloroethane	0.20	U	0.20	20
Chloroform	0.20	U	0.20	20
Chloromethane	0.20	U	0.20	20
cis-1,2-Dichloroethene	15	J	0.20	20
cis-1,3-Dichloropropene	0.20	U	0.20	20
Ethylbenzene	0.20	U	0.20	20
Methylene Chloride	0.20	U	0.20	20
Styrene	0.20	U	0.20	20
Tetrachloroethene	300		0.20	20
Toluene	0.20	U	0.20	20
trans-1,2-Dichloroethene	0.20	U	0.20	20
trans-1,3-Dichloropropene	0.20	U	0.20	20
Trichloroethene	10	J	0.20	20
Vinyl chloride	0.20	U	0.20	20
Xylenes, Total	0.20	U	0.20	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		76 - 114
Toluene-d8 (Surr)	97		88 - 110
4-Bromofluorobenzene	95		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116243-1

Client Sample ID: FSMW-4B 06292016

Lab Sample ID: 460-116243-4

Date Sampled: 06/29/2016 0920

Client Matrix: Water

Date Received: 06/29/2016 1510

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377690	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45701.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2016 1016			Final Weight/Volume:	5 mL
Prep Date:	07/07/2016 1016				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	13		0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.83	J	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		76 - 114
Toluene-d8 (Surr)	97		88 - 110
4-Bromofluorobenzene	99		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116243-1

Client Sample ID: Duplicate 06292016

Lab Sample ID: 460-116243-5

Date Sampled: 06/29/2016 0000

Client Matrix: Water

Date Received: 06/29/2016 1510

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377886	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45734.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2016 0410			Final Weight/Volume:	5 mL
Prep Date:	07/08/2016 0410				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.20	U	0.20	20
1,1,2,2-Tetrachloroethane	0.20	U	0.20	20
1,1,2-Trichloroethane	0.20	U	0.20	20
1,1-Dichloroethane	0.20	U	0.20	20
1,1-Dichloroethene	0.20	U	0.20	20
1,2-Dichloroethane	0.20	U	0.20	20
1,2-Dichloropropane	0.20	U	0.20	20
2-Butanone (MEK)	0.20	U	0.20	20
2-Hexanone	0.20	U	0.20	20
4-Methyl-2-pentanone (MIBK)	0.20	U	0.20	20
Acetone	0.20	U	0.20	20
Benzene	0.20	U	0.20	20
Dichlorobromomethane	0.20	U	0.20	20
Bromoform	0.20	U	0.20	20
Bromomethane	0.20	U	0.20	20
Carbon disulfide	0.20	U	0.20	20
Carbon tetrachloride	0.20	U	0.20	20
Chlorobenzene	0.20	U	0.20	20
Chlorodibromomethane	0.20	U	0.20	20
Chloroethane	0.20	U	0.20	20
Chloroform	0.20	U	0.20	20
Chloromethane	0.20	U	0.20	20
cis-1,2-Dichloroethene	14	J	0.20	20
cis-1,3-Dichloropropene	0.20	U	0.20	20
Ethylbenzene	0.20	U	0.20	20
Methylene Chloride	0.20	U	0.20	20
Styrene	0.20	U	0.20	20
Tetrachloroethene	310		0.20	20
Toluene	0.20	U	0.20	20
trans-1,2-Dichloroethene	0.20	U	0.20	20
trans-1,3-Dichloropropene	0.20	U	0.20	20
Trichloroethene	9.8	J	0.20	20
Vinyl chloride	0.20	U	0.20	20
Xylenes, Total	0.20	U	0.20	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		76 - 114
Toluene-d8 (Surr)	100		88 - 110
4-Bromofluorobenzene	95		86 - 115

Quality Control Results

Client: Walden Associates

Job Number: 460-116243-1

Surrogate Recovery Report

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-116243-1	Trip Blank 06292016	107	99	100
460-116243-2	Equipment 06292016	101	100	99
460-116243-3	FSMW-4A 06292016	102	97	95
460-116243-4	FSMW-4B 06292016	107	97	99
460-116243-5	Duplicate 06292016	103	100	95
MB 460-377690/14		108	101	100
MB 460-377886/7		101	99	98
LCS 460-377690/10		102	99	103
LCS 460-377886/3		98	102	100
LCSD 460-377690/11		103	100	105
LCSD 460-377886/4		94	102	99
STOBLK 460-377886/30		94	100	99

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	76-114
TOL = Toluene-d8 (Surr)	88-110
BFB = 4-Bromofluorobenzene	86-115

Quality Control Results

Client: Walden Associates

Job Number: 460-116243-1

Method Blank - Batch: 460-377690

Method: OLM04.2/VOL Preparation: 5030B

Lab Sample ID: MB 460-377690/14
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/07/2016 0816
Prep Date: 07/07/2016 0816
Leach Date: N/A

Analysis Batch: 460-377690
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS7
Lab File ID: V45696.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	76 - 114
Toluene-d8 (Surr)	101	88 - 110
4-Bromofluorobenzene	100	86 - 115

Quality Control Results

Client: Walden Associates

Job Number: 460-116243-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 460-377690

Method: OLM04.2/VOL

Preparation: 5030B

LCS Lab Sample ID: LCS 460-377690/10	Analysis Batch: 460-377690	Instrument ID: CVOAMS7
Client Matrix: Water	Prep Batch: N/A	Lab File ID: V45692.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 07/07/2016 0640	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 07/07/2016 0640		5 mL
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 460-377690/11	Analysis Batch: 460-377690	Instrument ID: CVOAMS7
Client Matrix: Water	Prep Batch: N/A	Lab File ID: V45693.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 07/07/2016 0704	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 07/07/2016 0704		5 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	99	95	61 - 145	4	14		
Benzene	102	98	76 - 127	4	11		
Chlorobenzene	102	96	75 - 130	5	13		
Toluene	104	98	76 - 125	6	13		
Trichloroethene	102	97	71 - 120	5	14		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	102		103		76 - 114		
Toluene-d8 (Surr)	99		100		88 - 110		
4-Bromofluorobenzene	103		105		86 - 115		

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 460-377690

Method: OLM04.2/VOL

Preparation: 5030B

LCS Lab Sample ID: LCS 460-377690/10	Units: ug/L	LCSD Lab Sample ID: LCSD 460-377690/11
Client Matrix: Water		Client Matrix: Water
Dilution: 1.0		Dilution: 1.0
Analysis Date: 07/07/2016 0640		Analysis Date: 07/07/2016 0704
Prep Date: 07/07/2016 0640		Prep Date: 07/07/2016 0704
Leach Date: N/A		Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1-Dichloroethene	50.0	50.0	49.5	47.4
Benzene	50.0	50.0	51.2	48.9
Chlorobenzene	50.0	50.0	51.0	48.2
Toluene	50.0	50.0	52.0	49.1
Trichloroethene	50.0	50.0	51.1	48.6

Quality Control Results

Client: Walden Associates

Job Number: 460-116243-1

Method Blank - Batch: 460-377886

Method: OLM04.2/VOL Preparation: 5030B

Lab Sample ID: MB 460-377886/7
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/07/2016 2210
Prep Date: 07/07/2016 2210
Leach Date: N/A

Analysis Batch: 460-377886
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS7
Lab File ID: V45719.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	76 - 114
Toluene-d8 (Surr)	99	88 - 110
4-Bromofluorobenzene	98	86 - 115

Quality Control Results

Client: Walden Associates

Job Number: 460-116243-1

Storage Blank - Batch: 460-377886

Method: OLM04.2/VOL
Preparation: 5030B

Lab Sample ID:	STOBLK 460-377886/30	Analysis Batch:	460-377886	Instrument ID:	CVOAMS7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	V45742.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2016 0726	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/08/2016 0726				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	76 - 114
Toluene-d8 (Surr)	100	88 - 110
4-Bromofluorobenzene	99	86 - 115

Quality Control Results

Client: Walden Associates

Job Number: 460-116243-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 460-377886

Method: OLM04.2/VOL

Preparation: 5030B

LCS Lab Sample ID: LCS 460-377886/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/07/2016 2034
Prep Date: 07/07/2016 2034
Leach Date: N/A

Analysis Batch: 460-377886
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS7
Lab File ID: V45715.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
5 mL

LCSD Lab Sample ID: LCSD 460-377886/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/07/2016 2058
Prep Date: 07/07/2016 2058
Leach Date: N/A

Analysis Batch: 460-377886
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS7
Lab File ID: V45716.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	102	97	61 - 145	5	14		
Benzene	102	105	76 - 127	3	11		
Chlorobenzene	103	104	75 - 130	1	13		
Toluene	104	105	76 - 125	1	13		
Trichloroethene	103	104	71 - 120	1	14		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	98		94		76 - 114		
Toluene-d8 (Surr)	102		102		88 - 110		
4-Bromofluorobenzene	100		99		86 - 115		

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 460-377886

Method: OLM04.2/VOL

Preparation: 5030B

LCS Lab Sample ID: LCS 460-377886/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/07/2016 2034
Prep Date: 07/07/2016 2034
Leach Date: N/A

Units: ug/L

LCSD Lab Sample ID: LCSD 460-377886/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/07/2016 2058
Prep Date: 07/07/2016 2058
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1-Dichloroethene	50.0	50.0	51.0	48.7
Benzene	50.0	50.0	50.8	52.3
Chlorobenzene	50.0	50.0	51.5	52.0
Toluene	50.0	50.0	51.9	52.5
Trichloroethene	50.0	50.0	51.4	52.0

DATA REPORTING QUALIFIERS

Client: Walden Associates

Job Number: 460-116243-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Analyzed for but not detected.
	J	Indicates an estimated value.

Quality Control Results

Client: Walden Associates

Job Number: 460-116243-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-377690					
LCS 460-377690/10	Lab Control Sample	T	Water	OLM04.2/VOL	
LCSD 460-377690/11	Lab Control Sample Duplicate	T	Water	OLM04.2/VOL	
MB 460-377690/14	Method Blank	T	Water	OLM04.2/VOL	
460-116243-1TB	Trip Blank 06292016	T	Water	OLM04.2/VOL	
460-116243-2	Equipment 06292016	T	Water	OLM04.2/VOL	
460-116243-4	FSMW-4B 06292016	T	Water	OLM04.2/VOL	
Analysis Batch:460-377886					
LCS 460-377886/3	Lab Control Sample	T	Water	OLM04.2/VOL	
LCSD 460-377886/4	Lab Control Sample Duplicate	T	Water	OLM04.2/VOL	
MB 460-377886/7	Method Blank	T	Water	OLM04.2/VOL	
STOBLK 460-377886/30	Storage Blank	T	Water	OLM04.2/VOL	
460-116243-3	FSMW-4A 06292016	T	Water	OLM04.2/VOL	
460-116243-5	Duplicate 06292016	T	Water	OLM04.2/VOL	

Report Basis

T = Total

Quality Control Results

Client: Walden Associates

Job Number: 460-116243-1

Laboratory Chronicle

Lab ID: 460-116243-1

Client ID: Trip Blank 06292016

Sample Date/Time: 06/29/2016 00:00 Received Date/Time: 06/29/2016 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116243-A-1		460-377690		07/07/2016 08:39	1	TAL EDI	KLB
A:OLM04.2/VOL	460-116243-A-1		460-377690		07/07/2016 08:39	1	TAL EDI	KLB

Lab ID: 460-116243-2

Client ID: Equipment 06292016

Sample Date/Time: 06/29/2016 08:20 Received Date/Time: 06/29/2016 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116243-A-2		460-377690		07/07/2016 09:28	1	TAL EDI	KLB
A:OLM04.2/VOL	460-116243-A-2		460-377690		07/07/2016 09:28	1	TAL EDI	KLB

Lab ID: 460-116243-3

Client ID: FSMW-4A 06292016

Sample Date/Time: 06/29/2016 10:30 Received Date/Time: 06/29/2016 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116243-C-3		460-377886		07/08/2016 03:23	2	TAL EDI	KLB
A:OLM04.2/VOL	460-116243-C-3		460-377886		07/08/2016 03:23	2	TAL EDI	KLB

Lab ID: 460-116243-4

Client ID: FSMW-4B 06292016

Sample Date/Time: 06/29/2016 09:20 Received Date/Time: 06/29/2016 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116243-A-4		460-377690		07/07/2016 10:16	1	TAL EDI	KLB
A:OLM04.2/VOL	460-116243-A-4		460-377690		07/07/2016 10:16	1	TAL EDI	KLB

Lab ID: 460-116243-5

Client ID: Duplicate 06292016

Sample Date/Time: 06/29/2016 00:00 Received Date/Time: 06/29/2016 15:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116243-C-5		460-377886		07/08/2016 04:10	2	TAL EDI	KLB
A:OLM04.2/VOL	460-116243-C-5		460-377886		07/08/2016 04:10	2	TAL EDI	KLB

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-377690/14		460-377690		07/07/2016 08:16	1	TAL EDI	KLB
A:OLM04.2/VOL	MB 460-377690/14		460-377690		07/07/2016 08:16	1	TAL EDI	KLB
P:5030B	MB 460-377886/7		460-377886		07/07/2016 22:10	1	TAL EDI	KLB
A:OLM04.2/VOL	MB 460-377886/7		460-377886		07/07/2016 22:10	1	TAL EDI	KLB

Quality Control Results

Client: Walden Associates

Job Number: 460-116243-1

Laboratory Chronicle

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-377690/10		460-377690		07/07/2016 06:40	1	TAL EDI	KLB
A:OLM04.2/VOL	LCS 460-377690/10		460-377690		07/07/2016 06:40	1	TAL EDI	KLB
P:5030B	LCS 460-377886/3		460-377886		07/07/2016 20:34	1	TAL EDI	KLB
A:OLM04.2/VOL	LCS 460-377886/3		460-377886		07/07/2016 20:34	1	TAL EDI	KLB

Lab ID: LCSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCSD 460-377690/11		460-377690		07/07/2016 07:04	1	TAL EDI	KLB
A:OLM04.2/VOL	LCSD 460-377690/11		460-377690		07/07/2016 07:04	1	TAL EDI	KLB
P:5030B	LCSD 460-377886/4		460-377886		07/07/2016 20:58	1	TAL EDI	KLB
A:OLM04.2/VOL	LCSD 460-377886/4		460-377886		07/07/2016 20:58	1	TAL EDI	KLB

Lab ID: STOBK

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	STOBK 460-377886/30		460-377886		07/08/2016 07:26	1	TAL EDI	KLB
A:OLM04.2/VOL	STOBK 460-377886/30		460-377886		07/08/2016 07:26	1	TAL EDI	KLB

Lab References:

TAL EDI = TestAmerica Edison

OLM04.2_Vol_LL

Volatile Organic Compounds (GC/MS)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-116243-1

SDG No.: _____

Matrix: Water

Level: Low

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

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
Trip Blank 06292016	460-116243-1	107	99	100
Equipment 06292016	460-116243-2	101	100	99
FSMW-4A 06292016	460-116243-3	102	97	95
FSMW-4B 06292016	460-116243-4	107	97	99
Duplicate 06292016	460-116243-5	103	100	95
	MB 460-377690/14	108	101	100
	MB 460-377886/7	101	99	98
	LCS 460-377690/10	102	99	103
	LCS 460-377886/3	98	102	100
	LCSD 460-377690/11	103	100	105
	LCSD 460-377886/4	94	102	99
	STOBLK 460-377886/30	94	100	99

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene

QC LIMITS
76-114
88-110
86-115

Column to be used to flag recovery values

FORM II OLM04.2/VOL

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: V45692.D
Lab ID: LCS 460-377690/10 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	50.0	49.5	99	61-145	
Benzene	50.0	51.2	102	76-127	
Chlorobenzene	50.0	51.0	102	75-130	
Toluene	50.0	52.0	104	76-125	
Trichloroethene	50.0	51.1	102	71-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: V45715.D
Lab ID: LCS 460-377886/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	50.0	51.0	102	61-145	
Benzene	50.0	50.8	102	76-127	
Chlorobenzene	50.0	51.5	103	75-130	
Toluene	50.0	51.9	104	76-125	
Trichloroethene	50.0	51.4	103	71-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-116243-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: V45693.D
 Lab ID: LCSD 460-377690/11 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethene	50.0	47.4	95	4	14	61-145	
Benzene	50.0	48.9	98	4	11	76-127	
Chlorobenzene	50.0	48.2	96	5	13	75-130	
Toluene	50.0	49.1	98	6	13	76-125	
Trichloroethene	50.0	48.6	97	5	14	71-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-116243-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: V45716.D
 Lab ID: LCSD 460-377886/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethene	50.0	48.7	97	5	14	61-145	
Benzene	50.0	52.3	105	3	11	76-127	
Chlorobenzene	50.0	52.0	104	1	13	75-130	
Toluene	50.0	52.5	105	1	13	76-125	
Trichloroethene	50.0	52.0	104	1	14	71-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Lab File ID: V45696.D Lab Sample ID: MB 460-377690/14
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS7 Date Analyzed: 07/07/2016 08:16
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 460-377690/10	V45692.D	07/07/2016 06:40
	LCSD 460-377690/11	V45693.D	07/07/2016 07:04
Trip Blank 06292016	460-116243-1	V45697.D	07/07/2016 08:39
Equipment 06292016	460-116243-2	V45699.D	07/07/2016 09:28
FSMW-4B 06292016	460-116243-4	V45701.D	07/07/2016 10:16

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Lab File ID: V45719.D Lab Sample ID: MB 460-377886/7
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS7 Date Analyzed: 07/07/2016 22:10
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-377886/3	V45715.D	07/07/2016 20:34
	LCSD 460-377886/4	V45716.D	07/07/2016 20:58
FSMW-4A 06292016	460-116243-3	V45732.D	07/08/2016 03:23
Duplicate 06292016	460-116243-5	V45734.D	07/08/2016 04:10
	STOBLK 460-377886/30	V45742.D	07/08/2016 07:26

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

Lab Name: TestAmerica Edison Job No.: 460-116243-1
 SDG No.: _____
 Lab File ID: V45683.D BFB Injection Date: 07/07/2016
 Instrument ID: CVOAMS7 BFB Injection Time: 02:48
 Analysis Batch No.: 377690

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.7
75	30.0 - 66.0% of mass 95	51.1
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	1.6 (1.4) 1
174	50.0 - 120.0% of mass 95	111.3
175	4.0 - 9.0 % of mass 174	8.8 (7.9) 1
176	93.0 - 101.0% of mass 174	107.7 (96.7) 1
177	5.0 - 9.0% of mass 176	7.0 (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
	STD1 460-377690/3	V45685.D	07/07/2016	03:38
	STD20 460-377690/4	V45686.D	07/07/2016	04:02
	STD100 460-377690/5	V45687.D	07/07/2016	04:26
	STD200 460-377690/6	V45688.D	07/07/2016	04:51
	STD50 460-377690/9	V45691.D	07/07/2016	06:17
	LCS 460-377690/10	V45692.D	07/07/2016	06:40
	LCSD 460-377690/11	V45693.D	07/07/2016	07:04
	MB 460-377690/14	V45696.D	07/07/2016	08:16
Trip Blank 06292016	460-116243-1	V45697.D	07/07/2016	08:39
Equipment 06292016	460-116243-2	V45699.D	07/07/2016	09:28
FSMW-4B 06292016	460-116243-4	V45701.D	07/07/2016	10:16

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

Lab Name: TestAmerica Edison Job No.: 460-116243-1
 SDG No.: _____
 Lab File ID: V45713.D BFB Injection Date: 07/07/2016
 Instrument ID: CVOAMS7 BFB Injection Time: 19:41
 Analysis Batch No.: 377886

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.0
75	30.0 - 66.0% of mass 95	56.4
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	1.9 (1.8) 1
174	50.0 - 120.0% of mass 95	108.6
175	4.0 - 9.0 % of mass 174	7.8 (7.2) 1
176	93.0 - 101.0% of mass 174	103.4 (95.2) 1
177	5.0 - 9.0% of mass 176	7.1 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-377886/2	V45714.D	07/07/2016	20:10
	LCS 460-377886/3	V45715.D	07/07/2016	20:34
	LCSD 460-377886/4	V45716.D	07/07/2016	20:58
	MB 460-377886/7	V45719.D	07/07/2016	22:10
FSMW-4A 06292016	460-116243-3	V45732.D	07/08/2016	03:23
Duplicate 06292016	460-116243-5	V45734.D	07/08/2016	04:10
	STOBLK 460-377886/30	V45742.D	07/08/2016	07:26

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

Lab Name: TestAmerica Edison Job No.: 460-116243-1
 SDG No.: _____
 Sample No.: STD50 460-377690/9 Date Analyzed: 07/07/2016 06:17
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): V45691.D Heated Purge: (Y/N) N
 Calibration ID: 56633

		BCM		DFBZ		CBNZd5		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT		137080	4.09	796500	4.78	768781	6.62	
UPPER LIMIT		274160	4.59	1593000	5.28	1537562	7.12	
LOWER LIMIT		68540	3.59	398250	4.28	384391	6.12	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 460-377690/10		137471	4.09	798721	4.78	772876	6.62	
LCSD 460-377690/11		138537	4.09	807891	4.78	771332	6.62	
MB 460-377690/14		132168	4.09	748736	4.78	710973	6.62	
460-116243-1		Trip Blank 06292016	131721	4.09	751837	4.78	704581	6.62
460-116243-2		Equipment 06292016	131805	4.09	739562	4.78	690090	6.62
460-116243-4		FSMW-4B 06292016	124486	4.09	725864	4.78	678553	6.62

BCM = Chlorobromomethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-116243-1
 SDG No.: _____
 Sample No.: CCVIS 460-377886/2 Date Analyzed: 07/07/2016 20:10
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): V45714.D Heated Purge: (Y/N) N
 Calibration ID: 56633

		BCM		DFBZ		CBNZd5		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		128686	4.09	733696	4.78	711661	6.62	
UPPER LIMIT		257372	4.59	1467392	5.28	1423322	7.12	
LOWER LIMIT		64343	3.59	366848	4.28	355831	6.12	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 460-377886/3		126420	4.09	728976	4.78	703410	6.62	
LCSD 460-377886/4		128740	4.09	699655	4.78	686471	6.62	
MB 460-377886/7		117360	4.09	671862	4.78	648003	6.62	
460-116243-3		FSMW-4A 06292016	110909	4.09	633155	4.78	600601	6.62
460-116243-5		Duplicate 06292016	111169	4.09	623256	4.78	598394	6.62
STOBLK 460-377886/30		113805	4.09	597584	4.78	577493	6.62	

BCM = Chlorobromomethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
 SDG No.: _____
 Client Sample ID: Trip Blank 06292016 Lab Sample ID: 460-116243-1
 Matrix: Water Lab File ID: V45697.D
 Analysis Method: OLM04.2/VOL Date Collected: 06/29/2016 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 07/07/2016 08:39
 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.: 377690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	13		10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	20		10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Client Sample ID: Trip Blank 06292016 Lab Sample ID: 460-116243-1
Matrix: Water Lab File ID: V45697.D
Analysis Method: OLM04.2/VOL Date Collected: 06/29/2016 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 08:39
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.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		76-114
2037-26-5	Toluene-d8 (Surr)	99		88-110
460-00-4	4-Bromofluorobenzene	100		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45697.D
 Lims ID: 460-116243-A-1
 Client ID: Trip Blank 06292016
 Sample Type: Client
 Inject. Date: 07-Jul-2016 08:39:30 ALS Bottle#: 15 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-116243-A-1
 Misc. Info.: 460-0042999-015
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:19:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
14 Acetone	43	2.708	2.700	0.008	85	29222	19.6	
57 2-Butanone (MEK)	43	3.926	3.918	0.008	100	31819	13.5	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	78	131721	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	194660	53.4	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	751837	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	479003	49.6	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	704581	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	94	330704	50.1	

Reagents:

VMC4.2SU_00111 Amount Added: 2.50 Units: uL
 VMC4.2ISi_00116 Amount Added: 5.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45697.D

Injection Date: 07-Jul-2016 08:39:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116243-A-1

Lab Sample ID: 460-116243-1

Worklist Smp#: 15

Client ID: Trip Blank 06292016

Purge Vol: 5.000 mL

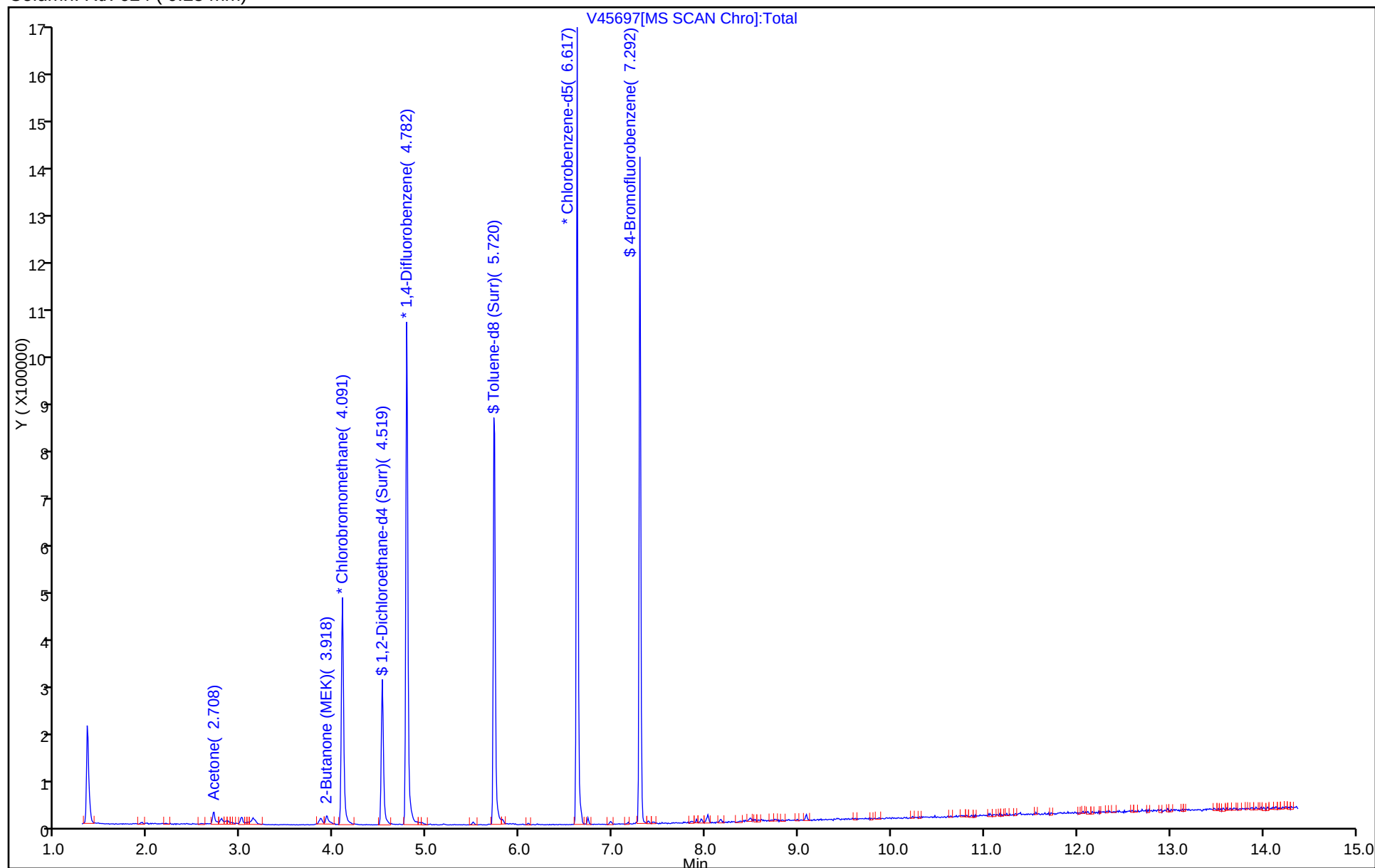
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45697.D

Injection Date: 07-Jul-2016 08:39:30

Instrument ID: CVOAMS7

Lims ID: 460-116243-A-1

Lab Sample ID: 460-116243-1

Client ID: Trip Blank 06292016

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: OLM04.2LLW7

Limit Group:

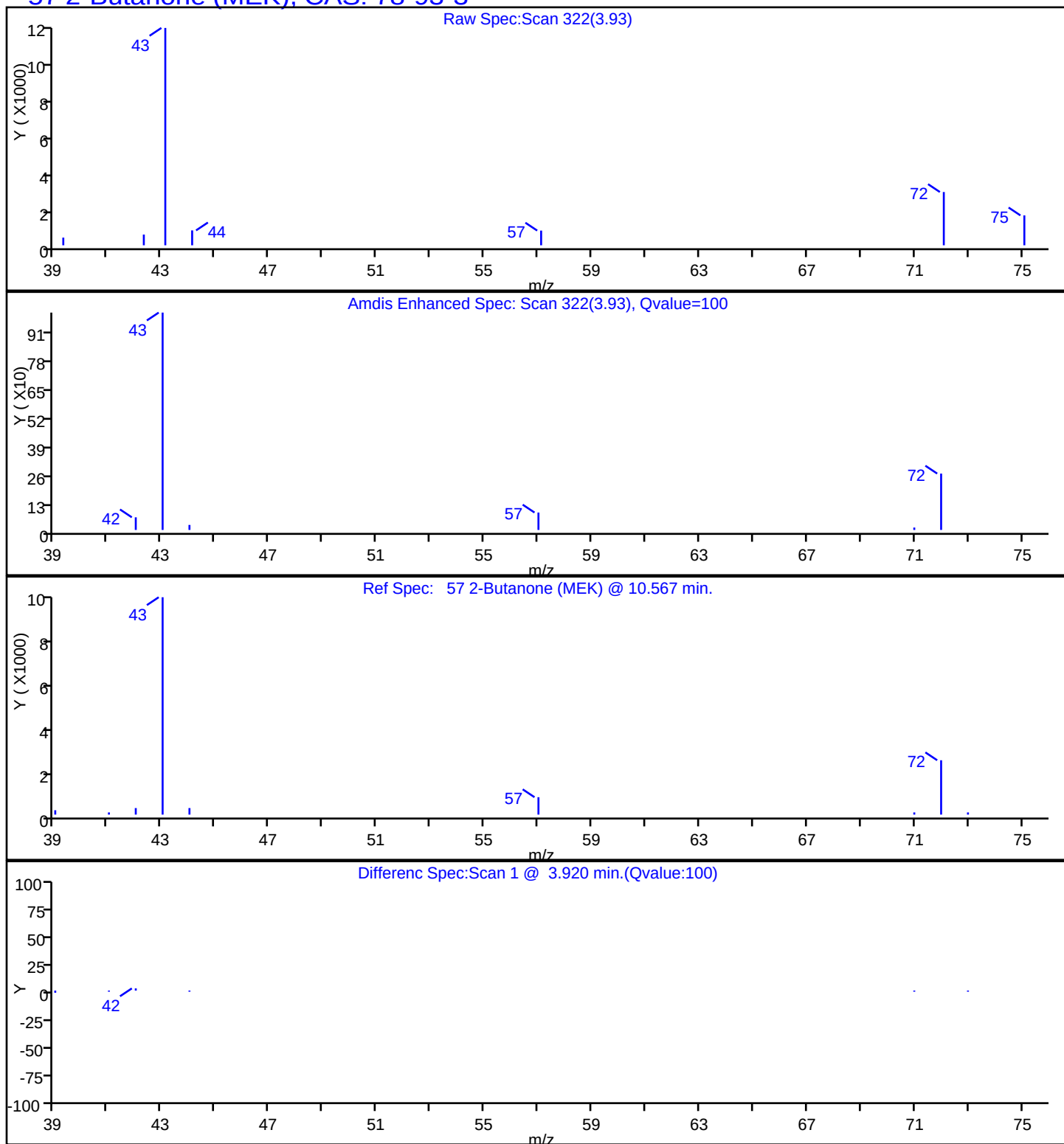
VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

57 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45697.D

Injection Date: 07-Jul-2016 08:39:30

Instrument ID: CVOAMS7

Lims ID: 460-116243-A-1

Lab Sample ID: 460-116243-1

Client ID: Trip Blank 06292016

Operator ID:

ALS Bottle#: 15 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

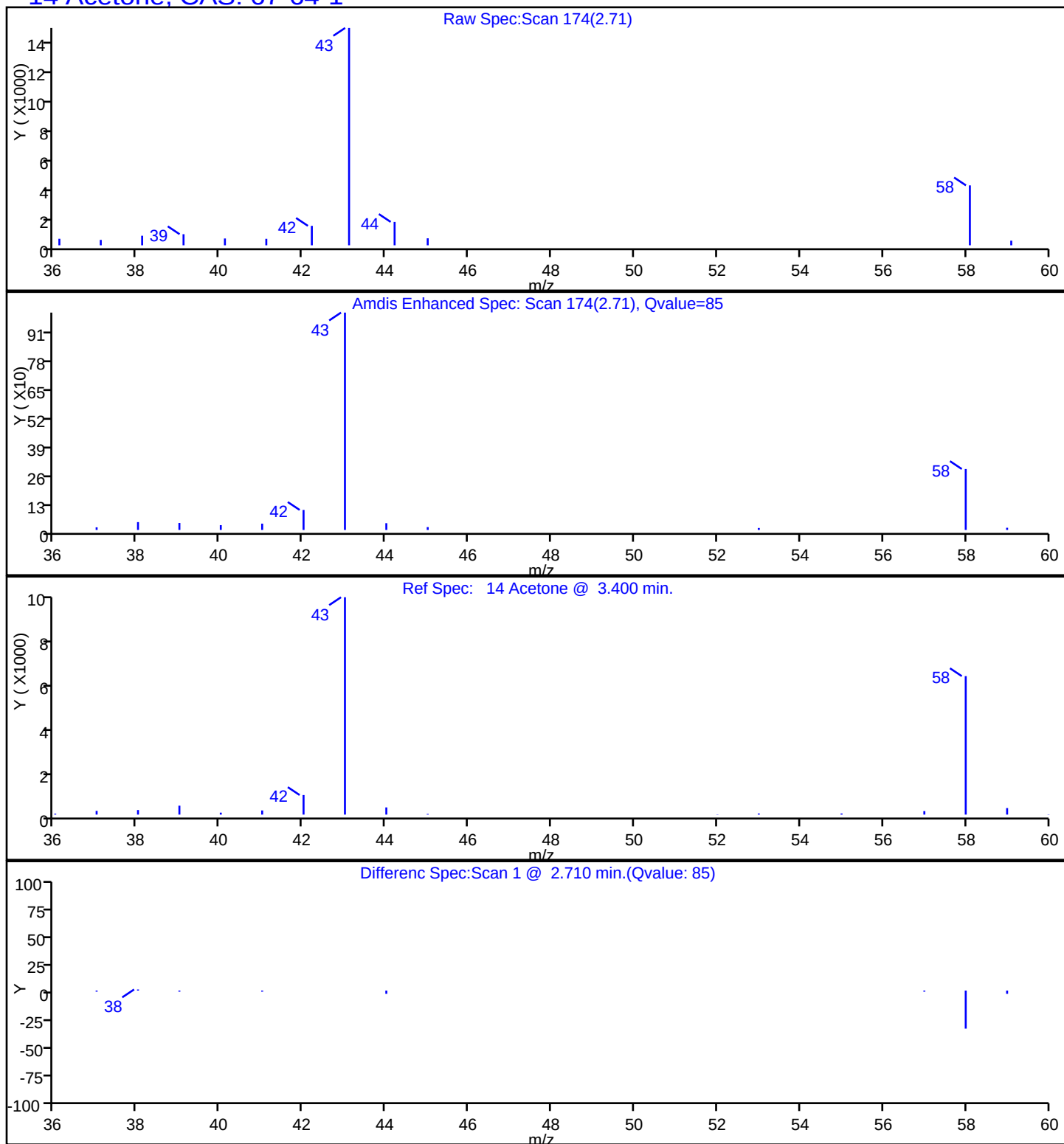
Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

14 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-116243-1</u>
SDG No.: _____	
Client Sample ID: <u>Equipment 06292016</u>	Lab Sample ID: <u>460-116243-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>V45699.D</u>
Analysis Method: <u>OLM04.2/VOL</u>	Date Collected: <u>06/29/2016 08:20</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/07/2016 09:28</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>377690</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Client Sample ID: Equipment 06292016 Lab Sample ID: 460-116243-2
Matrix: Water Lab File ID: V45699.D
Analysis Method: OLM04.2/VOL Date Collected: 06/29/2016 08:20
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 09:28
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.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		76-114
2037-26-5	Toluene-d8 (Surr)	100		88-110
460-00-4	4-Bromofluorobenzene	99		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45699.D
 Lims ID: 460-116243-A-2
 Client ID: Equipment 06292016
 Sample Type: Client
 Inject. Date: 07-Jul-2016 09:28:30 ALS Bottle#: 17 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-116243-A-2
 Misc. Info.: 460-0042999-017
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:20:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	78	131805	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	184299	50.6	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	739562	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.009	99	472109	49.9	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	690090	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	94	319852	49.5	

Reagents:

VMC4.2SU_00111 Amount Added: 2.50 Units: uL
 VMC4.2ISi_00116 Amount Added: 5.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45699.D

Injection Date: 07-Jul-2016 09:28:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116243-A-2

Lab Sample ID: 460-116243-2

Worklist Smp#: 17

Client ID: Equipment 06292016

Purge Vol: 5.000 mL

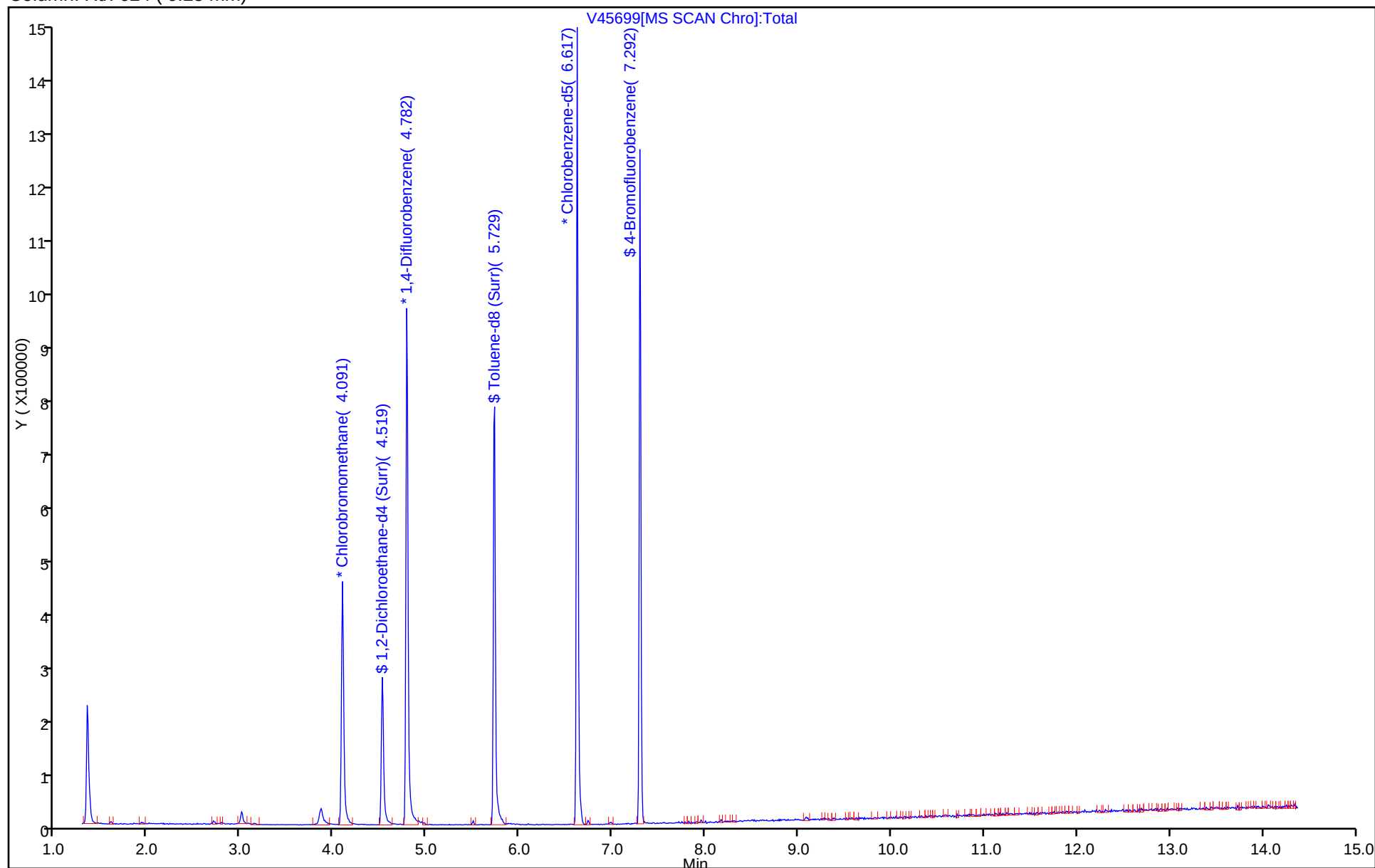
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-116243-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-4A 06292016</u>	Lab Sample ID: <u>460-116243-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>V45732.D</u>
Analysis Method: <u>OLM04.2/VOL</u>	Date Collected: <u>06/29/2016 10:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/08/2016 03:23</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>2</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>377886</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.20	U	20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	20	0.20
78-87-5	1,2-Dichloropropane	0.20	U	20	0.20
78-93-3	2-Butanone (MEK)	0.20	U	20	0.20
591-78-6	2-Hexanone	0.20	U	20	0.20
108-10-1	4-Methyl-2-pentanone (MIBK)	0.20	U	20	0.20
67-64-1	Acetone	0.20	U	20	0.20
71-43-2	Benzene	0.20	U	20	0.20
75-27-4	Dichlorobromomethane	0.20	U	20	0.20
75-25-2	Bromoform	0.20	U	20	0.20
74-83-9	Bromomethane	0.20	U	20	0.20
75-15-0	Carbon disulfide	0.20	U	20	0.20
56-23-5	Carbon tetrachloride	0.20	U	20	0.20
108-90-7	Chlorobenzene	0.20	U	20	0.20
124-48-1	Chlorodibromomethane	0.20	U	20	0.20
75-00-3	Chloroethane	0.20	U	20	0.20
67-66-3	Chloroform	0.20	U	20	0.20
74-87-3	Chloromethane	0.20	U	20	0.20
156-59-2	cis-1,2-Dichloroethene	15	J	20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	20	0.20
100-41-4	Ethylbenzene	0.20	U	20	0.20
75-09-2	Methylene Chloride	0.20	U	20	0.20
100-42-5	Styrene	0.20	U	20	0.20
127-18-4	Tetrachloroethene	300		20	0.20
108-88-3	Toluene	0.20	U	20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	20	0.20
79-01-6	Trichloroethene	10	J	20	0.20
75-01-4	Vinyl chloride	0.20	U	20	0.20
1330-20-7	Xylenes, Total	0.20	U	20	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Client Sample ID: FSMW-4A 06292016 Lab Sample ID: 460-116243-3
Matrix: Water Lab File ID: V45732.D
Analysis Method: OLM04.2/VOL Date Collected: 06/29/2016 10:30
Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 03:23
Soil Aliquot Vol: _____ Dilution Factor: 2
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		76-114
2037-26-5	Toluene-d8 (Surr)	97		88-110
460-00-4	4-Bromofluorobenzene	95		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45732.D
 Lims ID: 460-116243-C-3
 Client ID: FSMW-4A 06292015
 Sample Type: Client
 Inject. Date: 08-Jul-2016 03:23:30 ALS Bottle#: 20 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 2.0000
 Sample Info: 460-116243-C-3
 Misc. Info.: 460-0043044-020
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Jul-2016 03:42:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	31422	7.40	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	76	110909	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	165955	51.1	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	633155	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	90	23452	5.12	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.008	99	387956	48.7	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	603621	149.8	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	600601	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	278694	47.7	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45732.D

Injection Date: 08-Jul-2016 03:23:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116243-C-3

Lab Sample ID: 460-116243-3

Worklist Smp#: 20

Client ID: FSMW-4A 06292015

Purge Vol: 5.000 mL

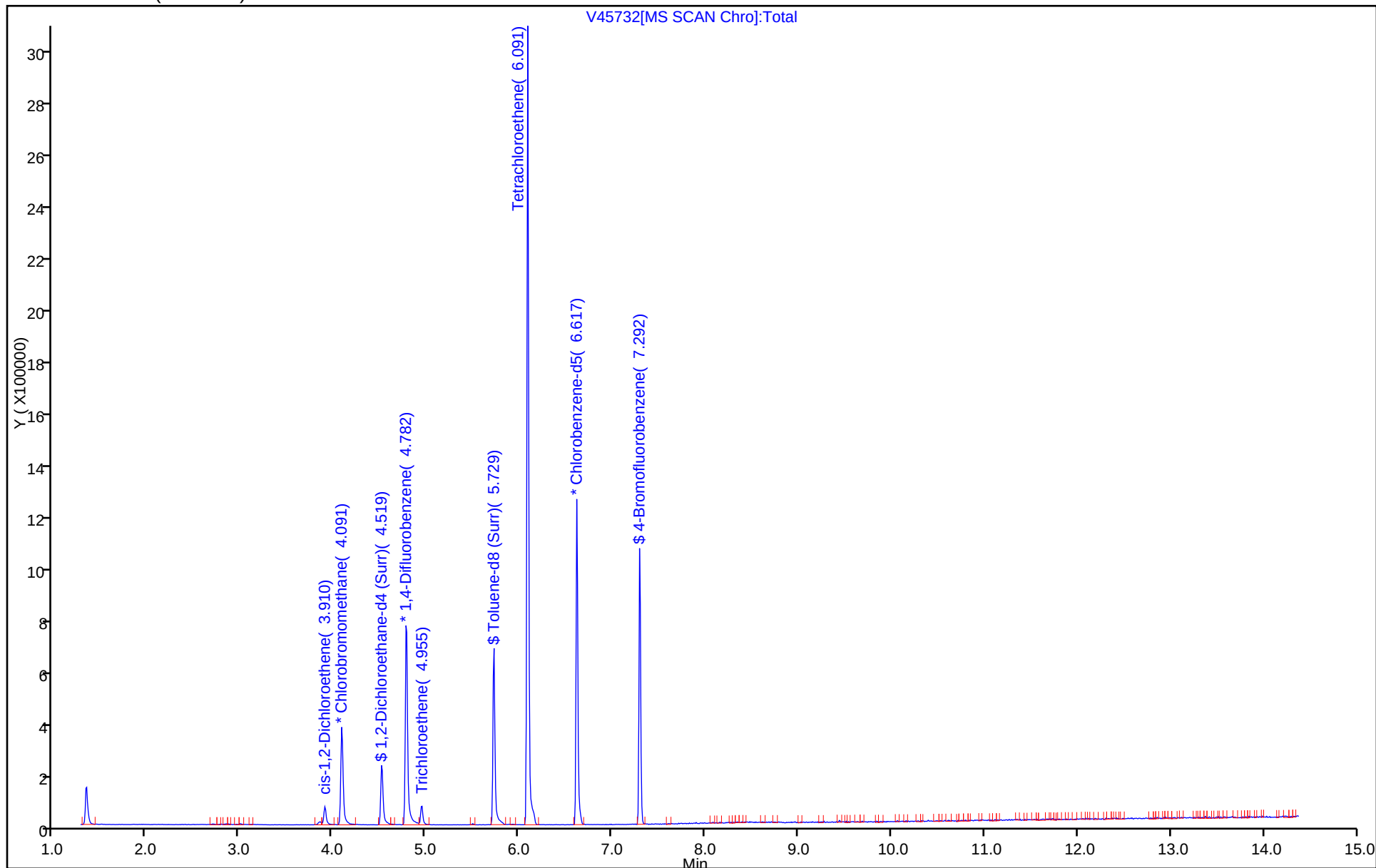
Dil. Factor: 2.0000

ALS Bottle#: 20

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45732.D

Injection Date: 08-Jul-2016 03:23:30

Instrument ID: CVOAMS7

Lims ID: 460-116243-C-3

Lab Sample ID: 460-116243-3

Client ID: FSMW-4A 06292015

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

20

Purge Vol: 5.000 mL

Dil. Factor:

2.0000

Method: OLM04.2LLW7

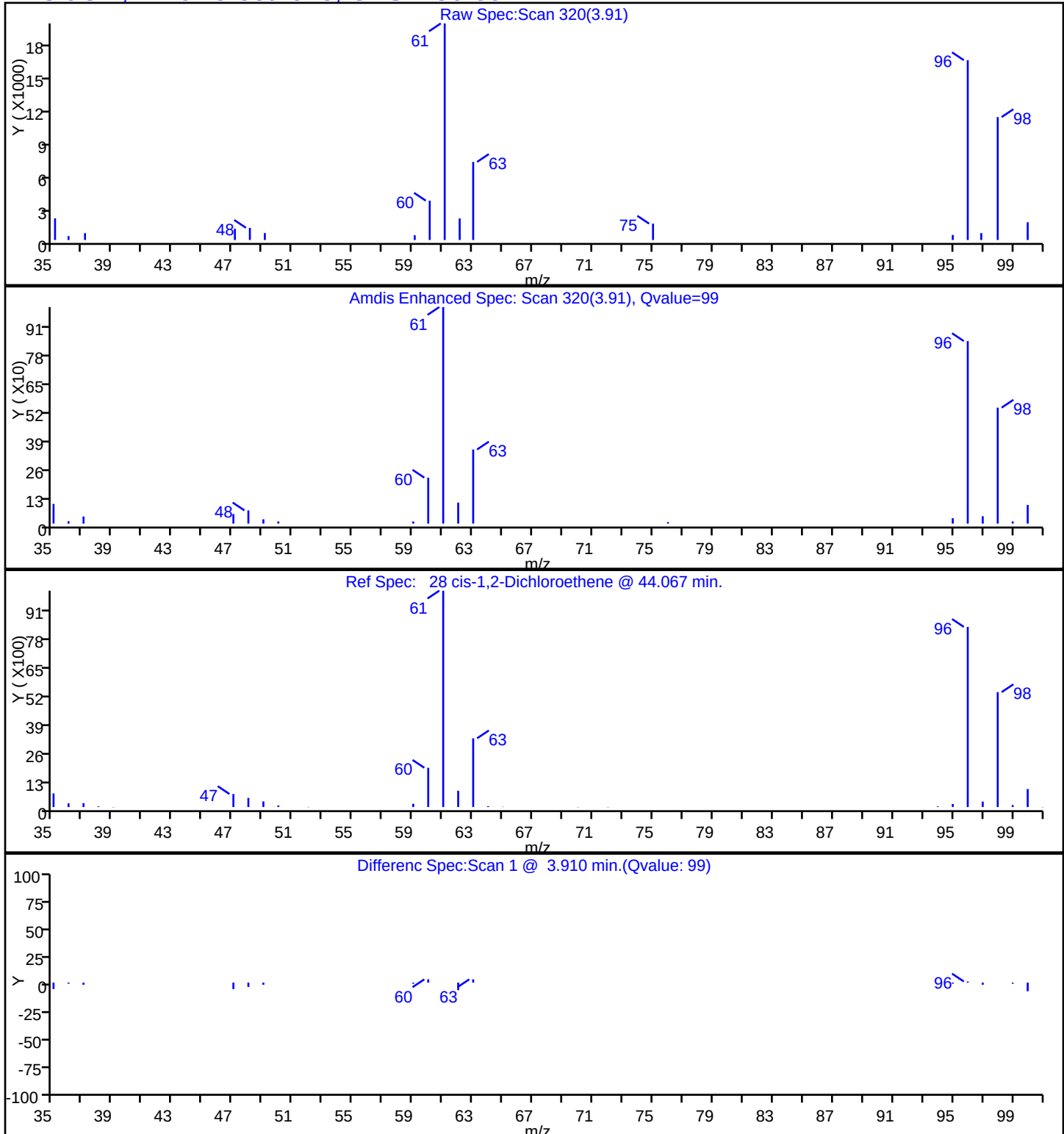
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45732.D

Injection Date: 08-Jul-2016 03:23:30

Instrument ID: CVOAMS7

Lims ID: 460-116243-C-3

Lab Sample ID: 460-116243-3

Client ID: FSMW-4A 06292015

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

20

Purge Vol: 5.000 mL

Dil. Factor:

2.0000

Method: OLM04.2LLW7

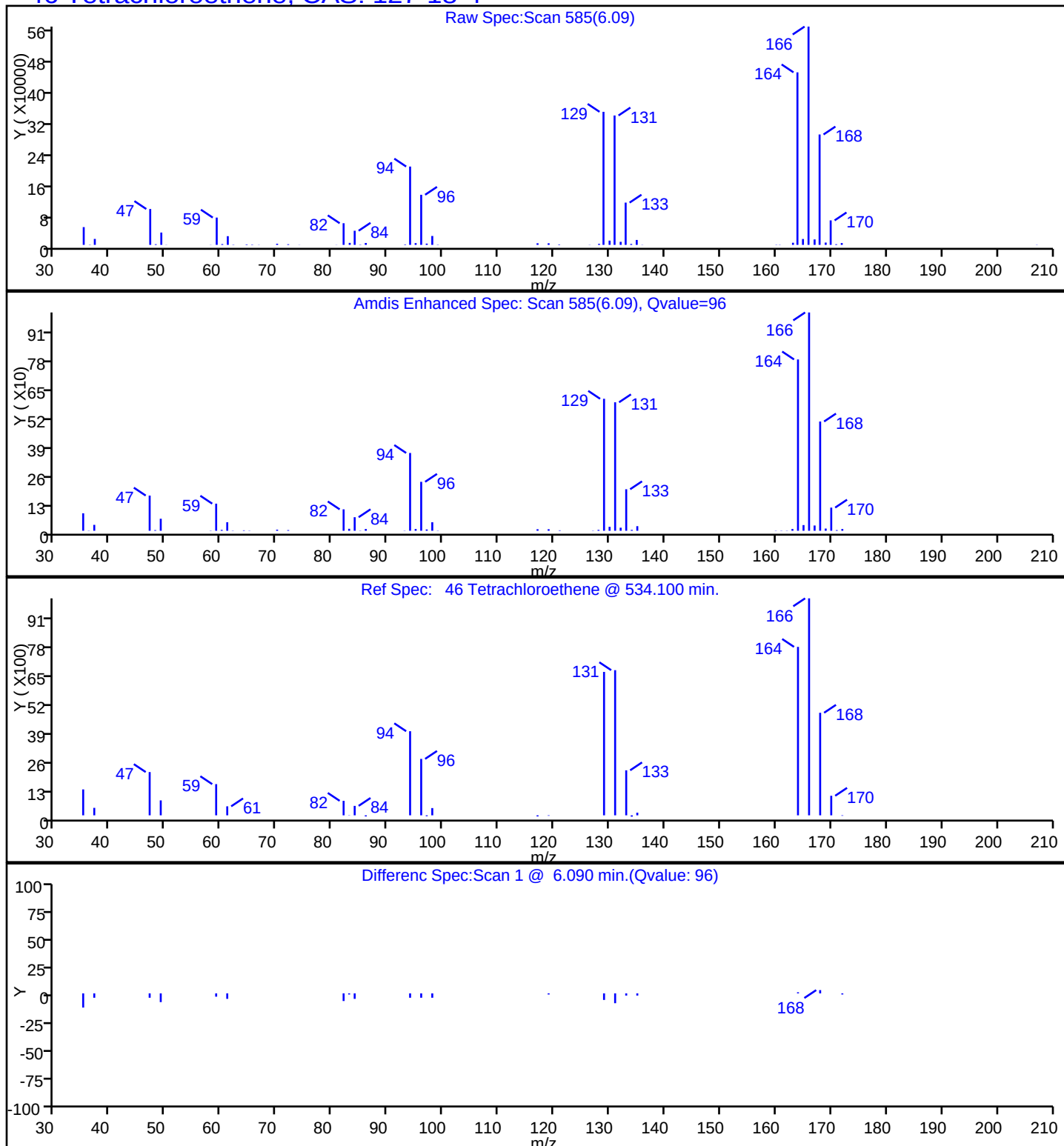
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

46 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45732.D

Injection Date: 08-Jul-2016 03:23:30

Instrument ID: CVOAMS7

Lims ID: 460-116243-C-3

Lab Sample ID: 460-116243-3

Client ID: FSMW-4A 06292015

Operator ID:

ALS Bottle#:

Worklist Smp#: 20

Purge Vol: 5.000 mL

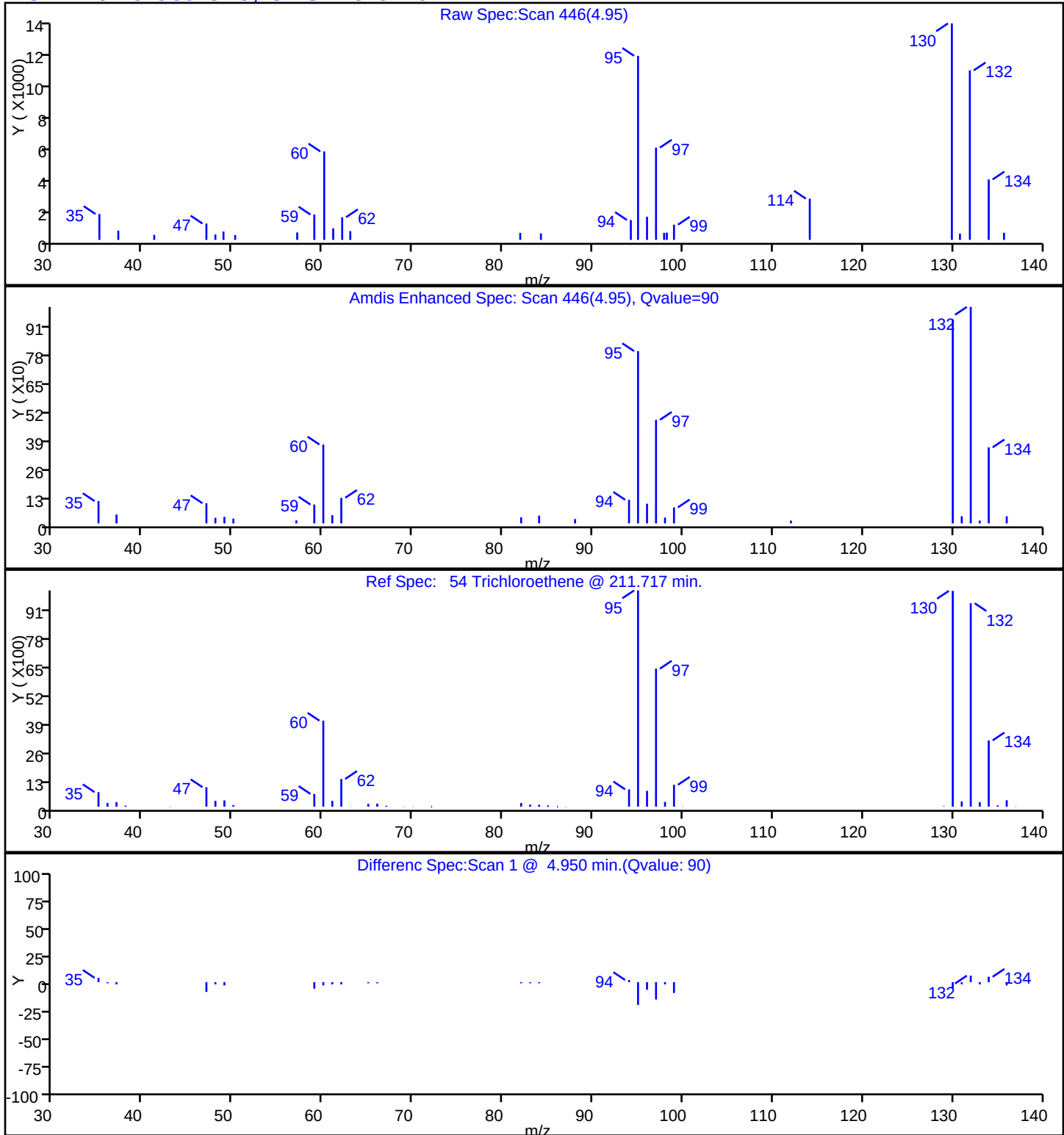
Dil. Factor: 2.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-116243-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-4B 06292016</u>	Lab Sample ID: <u>460-116243-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>V45701.D</u>
Analysis Method: <u>OLM04.2/VOL</u>	Date Collected: <u>06/29/2016 09:20</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/07/2016 10:16</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>377690</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	13		10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.83	J	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Client Sample ID: FSMW-4B 06292016 Lab Sample ID: 460-116243-4
Matrix: Water Lab File ID: V45701.D
Analysis Method: OLM04.2/VOL Date Collected: 06/29/2016 09:20
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 10:16
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.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		76-114
2037-26-5	Toluene-d8 (Surr)	97		88-110
460-00-4	4-Bromofluorobenzene	99		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45701.D
 Lims ID: 460-116243-A-4
 Client ID: FSMW-4B
 Sample Type: Client
 Inject. Date: 07-Jul-2016 10:16:30 ALS Bottle#: 19 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-116243-A-4
 Misc. Info.: 460-0042999-019
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:30:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	78	124486	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	184861	53.7	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	725864	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	88	4159	0.8276	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.008	99	453413	48.7	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	52240	13.2	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	678553	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	313601	49.4	

Reagents:

VMC4.2SU_00111 Amount Added: 2.50 Units: uL
 VMC4.2ISi_00116 Amount Added: 5.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45701.D

Injection Date: 07-Jul-2016 10:16:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116243-A-4

Lab Sample ID: 460-116243-4

Worklist Smp#: 19

Client ID: FSMW-4B

Purge Vol: 5.000 mL

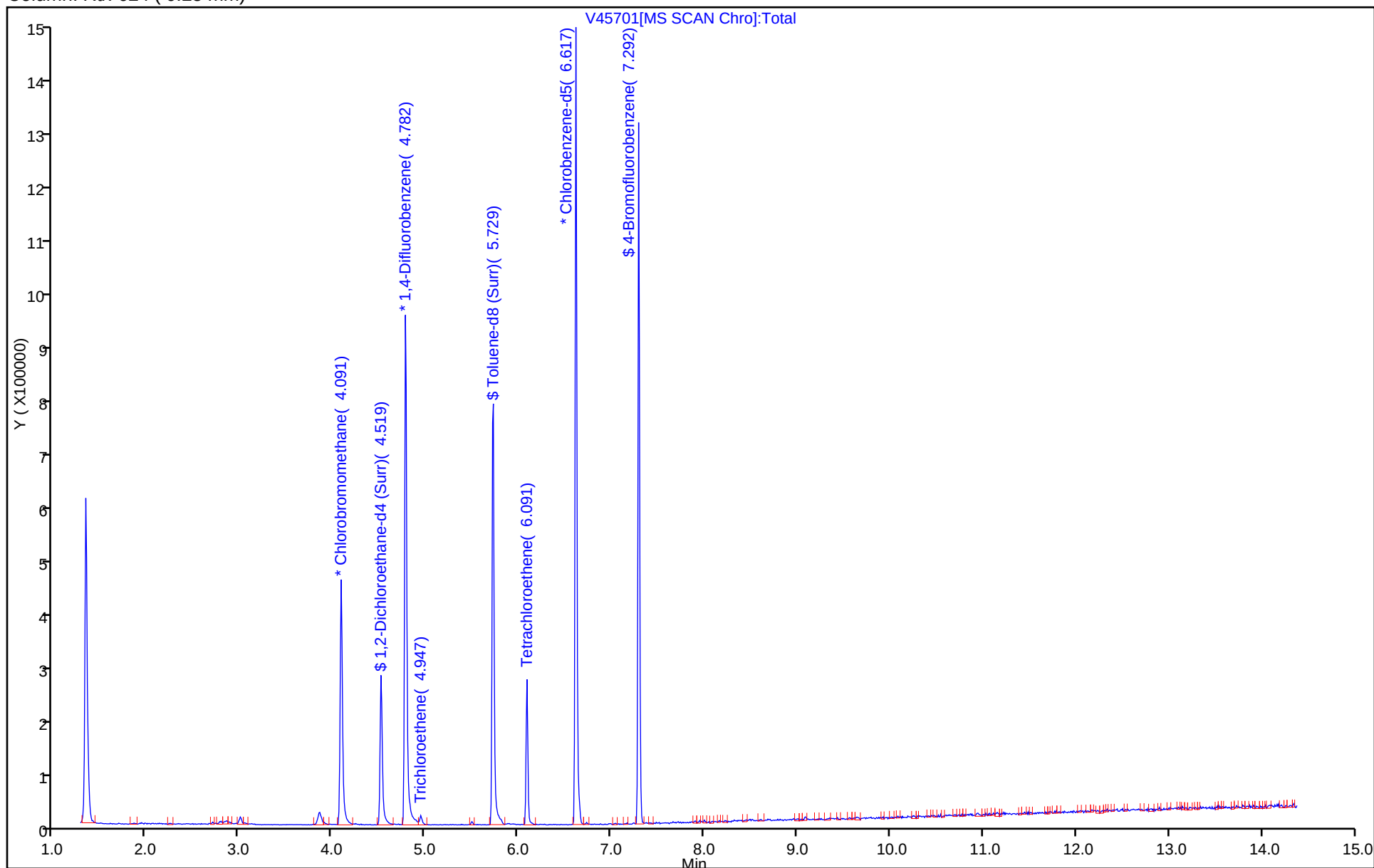
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45701.D

Injection Date: 07-Jul-2016 10:16:30

Instrument ID: CVOAMS7

Lims ID: 460-116243-A-4

Lab Sample ID: 460-116243-4

Client ID: FSMW-4B

Operator ID:

ALS Bottle#:

19

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: OLM04.2LLW7

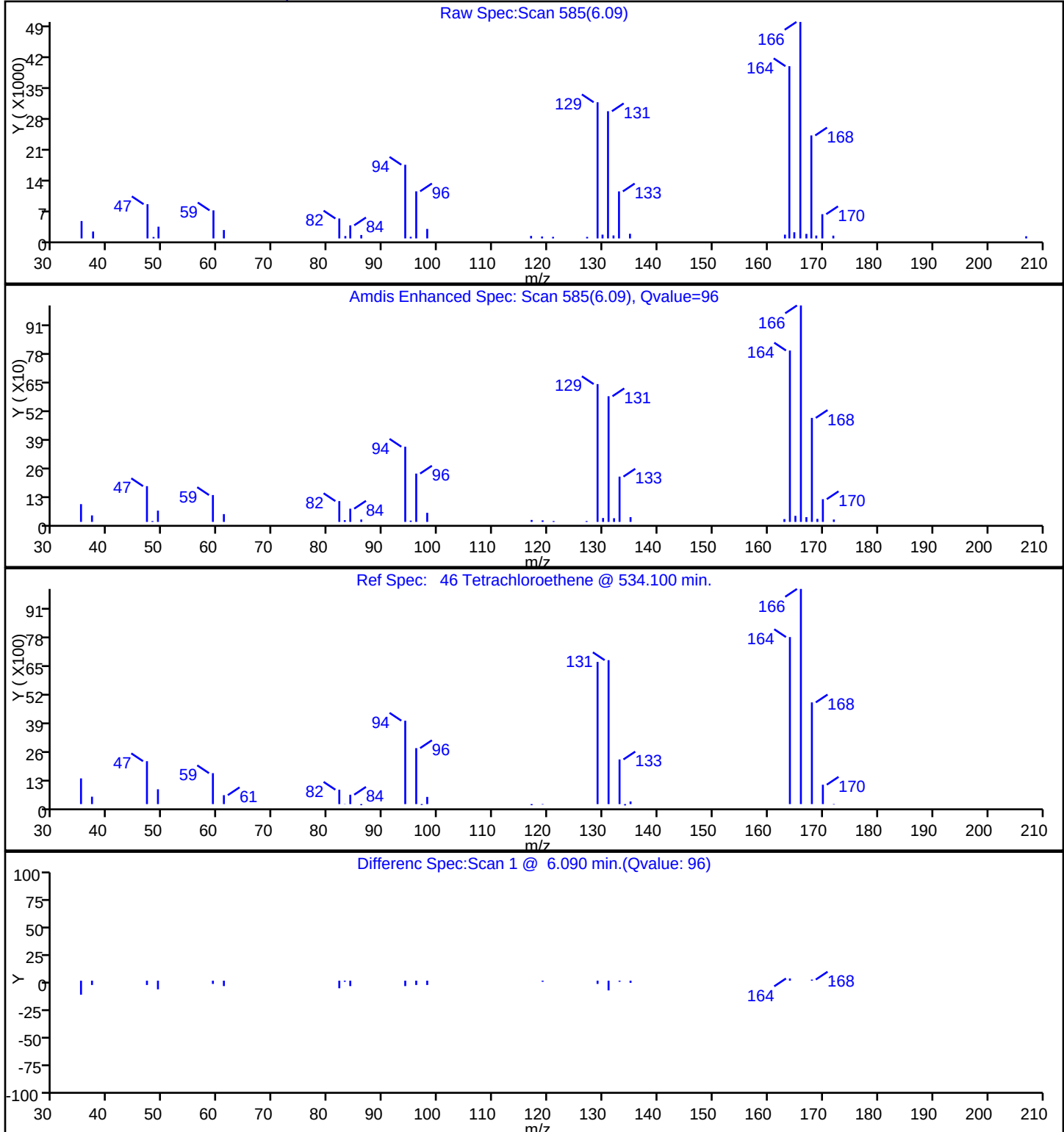
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

46 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\45701.D

Injection Date: 07-Jul-2016 10:16:30

Instrument ID: CVOAMS7

Lims ID: 460-116243-A-4

Lab Sample ID: 460-116243-4

Client ID: FSMW-4B

Operator ID:

ALS Bottle#:

Worklist Smp#: 19

Purge Vol: 5.000 mL

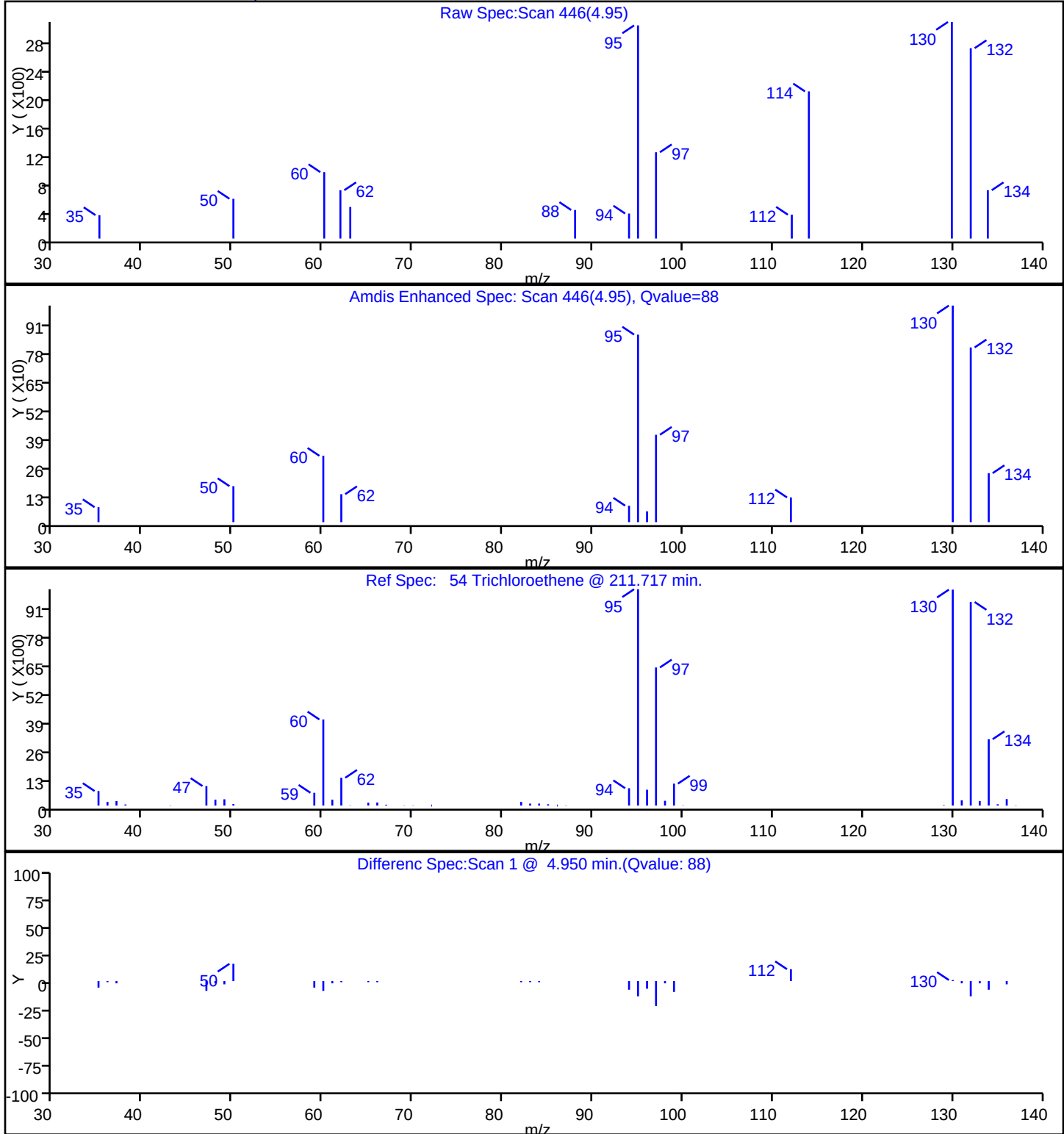
Dil. Factor: 1.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
 SDG No.: _____
 Client Sample ID: Duplicate 06292016 Lab Sample ID: 460-116243-5
 Matrix: Water Lab File ID: V45734.D
 Analysis Method: OLM04.2/VOL Date Collected: 06/29/2016 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 04:10
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.20	U	20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	20	0.20
78-87-5	1,2-Dichloropropane	0.20	U	20	0.20
78-93-3	2-Butanone (MEK)	0.20	U	20	0.20
591-78-6	2-Hexanone	0.20	U	20	0.20
108-10-1	4-Methyl-2-pentanone (MIBK)	0.20	U	20	0.20
67-64-1	Acetone	0.20	U	20	0.20
71-43-2	Benzene	0.20	U	20	0.20
75-27-4	Dichlorobromomethane	0.20	U	20	0.20
75-25-2	Bromoform	0.20	U	20	0.20
74-83-9	Bromomethane	0.20	U	20	0.20
75-15-0	Carbon disulfide	0.20	U	20	0.20
56-23-5	Carbon tetrachloride	0.20	U	20	0.20
108-90-7	Chlorobenzene	0.20	U	20	0.20
124-48-1	Chlorodibromomethane	0.20	U	20	0.20
75-00-3	Chloroethane	0.20	U	20	0.20
67-66-3	Chloroform	0.20	U	20	0.20
74-87-3	Chloromethane	0.20	U	20	0.20
156-59-2	cis-1,2-Dichloroethene	14	J	20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	20	0.20
100-41-4	Ethylbenzene	0.20	U	20	0.20
75-09-2	Methylene Chloride	0.20	U	20	0.20
100-42-5	Styrene	0.20	U	20	0.20
127-18-4	Tetrachloroethene	310		20	0.20
108-88-3	Toluene	0.20	U	20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	20	0.20
79-01-6	Trichloroethene	9.8	J	20	0.20
75-01-4	Vinyl chloride	0.20	U	20	0.20
1330-20-7	Xylenes, Total	0.20	U	20	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Client Sample ID: Duplicate 06292016 Lab Sample ID: 460-116243-5
Matrix: Water Lab File ID: V45734.D
Analysis Method: OLM04.2/VOL Date Collected: 06/29/2016 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 04:10
Soil Aliquot Vol: _____ Dilution Factor: 2
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		76-114
2037-26-5	Toluene-d8 (Surr)	100		88-110
460-00-4	4-Bromofluorobenzene	95		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45734.D
 Lims ID: 460-116243-C-5
 Client ID: Duplicate 06292016
 Sample Type: Client
 Inject. Date: 08-Jul-2016 04:10:30 ALS Bottle#: 22 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 2.0000
 Sample Info: 460-116243-C-5
 Misc. Info.: 460-0043044-022
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Jul-2016 20:08:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	97	30708	7.21	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	76	111169	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	167051	51.3	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	623256	50.0	
54 Trichloroethene	130	4.955	4.947	0.008	92	22163	4.91	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.009	98	397643	50.1	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	613988	152.9	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	598394	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	276580	47.6	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45734.D

Injection Date: 08-Jul-2016 04:10:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116243-C-5

Lab Sample ID: 460-116243-5

Worklist Smp#: 22

Client ID: Duplicate 06292016

Purge Vol: 5.000 mL

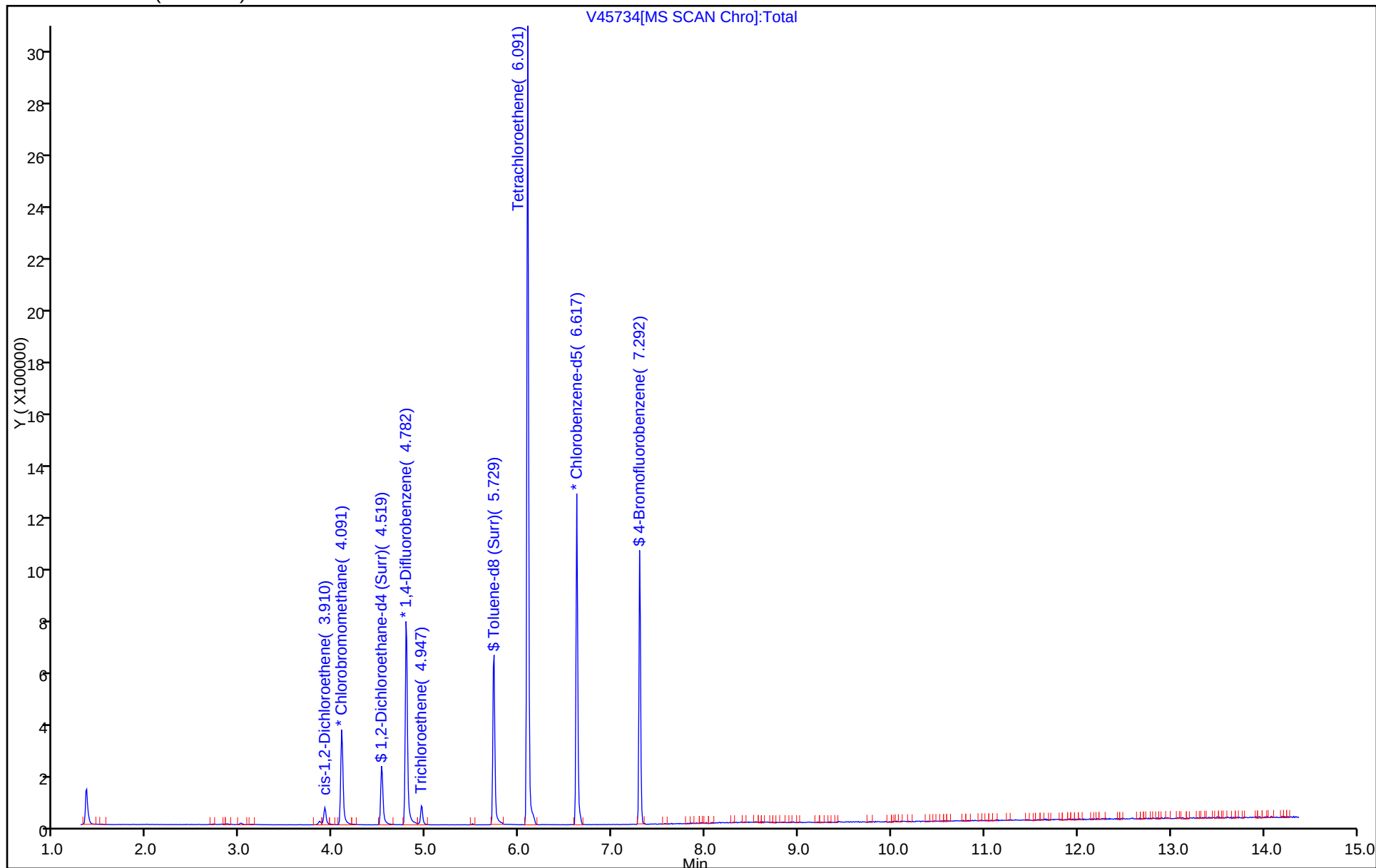
Dil. Factor: 2.0000

ALS Bottle#: 22

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45734.D

Injection Date: 08-Jul-2016 04:10:30

Instrument ID: CVOAMS7

Lims ID: 460-116243-C-5

Lab Sample ID: 460-116243-5

Client ID: Duplicate 06292016

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

2.0000

Method: OLM04.2LLW7

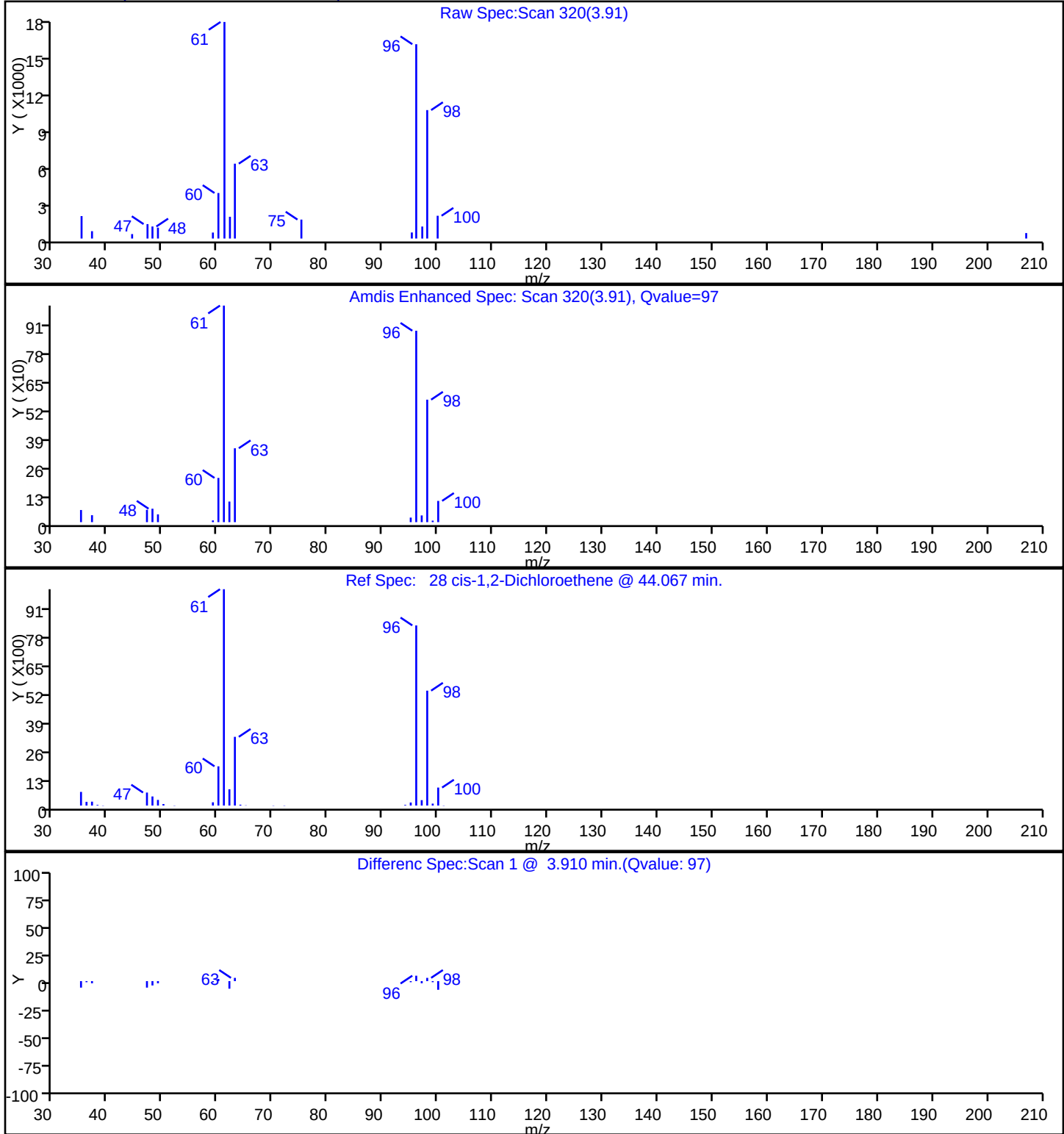
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45734.D

Injection Date: 08-Jul-2016 04:10:30

Instrument ID: CVOAMS7

Lims ID: 460-116243-C-5

Lab Sample ID: 460-116243-5

Client ID: Duplicate 06292016

Operator ID:

ALS Bottle#:

Worklist Smp#: 22

Purge Vol: 5.000 mL

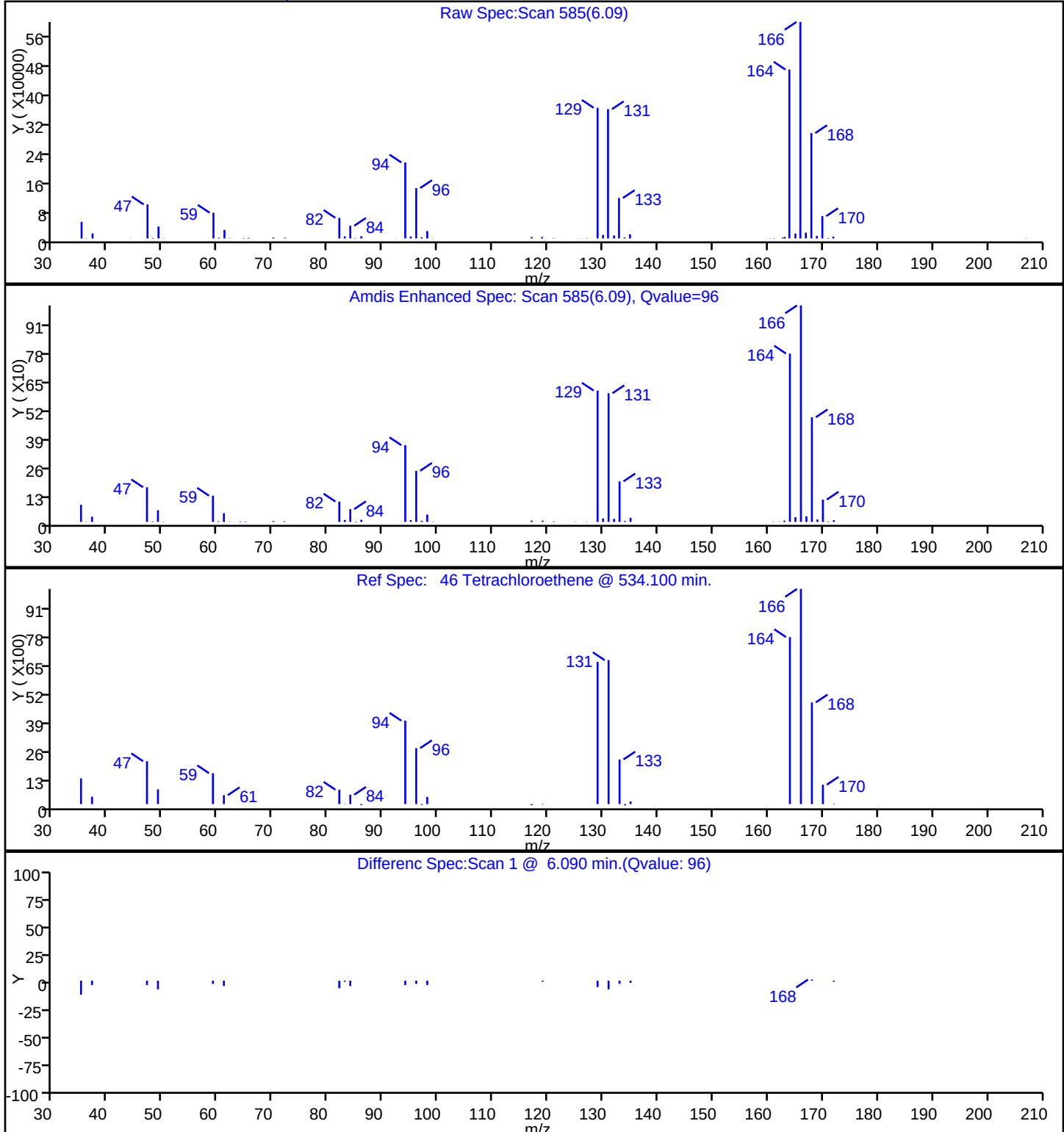
Dil. Factor: 2.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

46 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45734.D

Injection Date: 08-Jul-2016 04:10:30

Instrument ID: CVOAMS7

Lims ID: 460-116243-C-5

Lab Sample ID: 460-116243-5

Client ID: Duplicate 06292016

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 5.000 mL

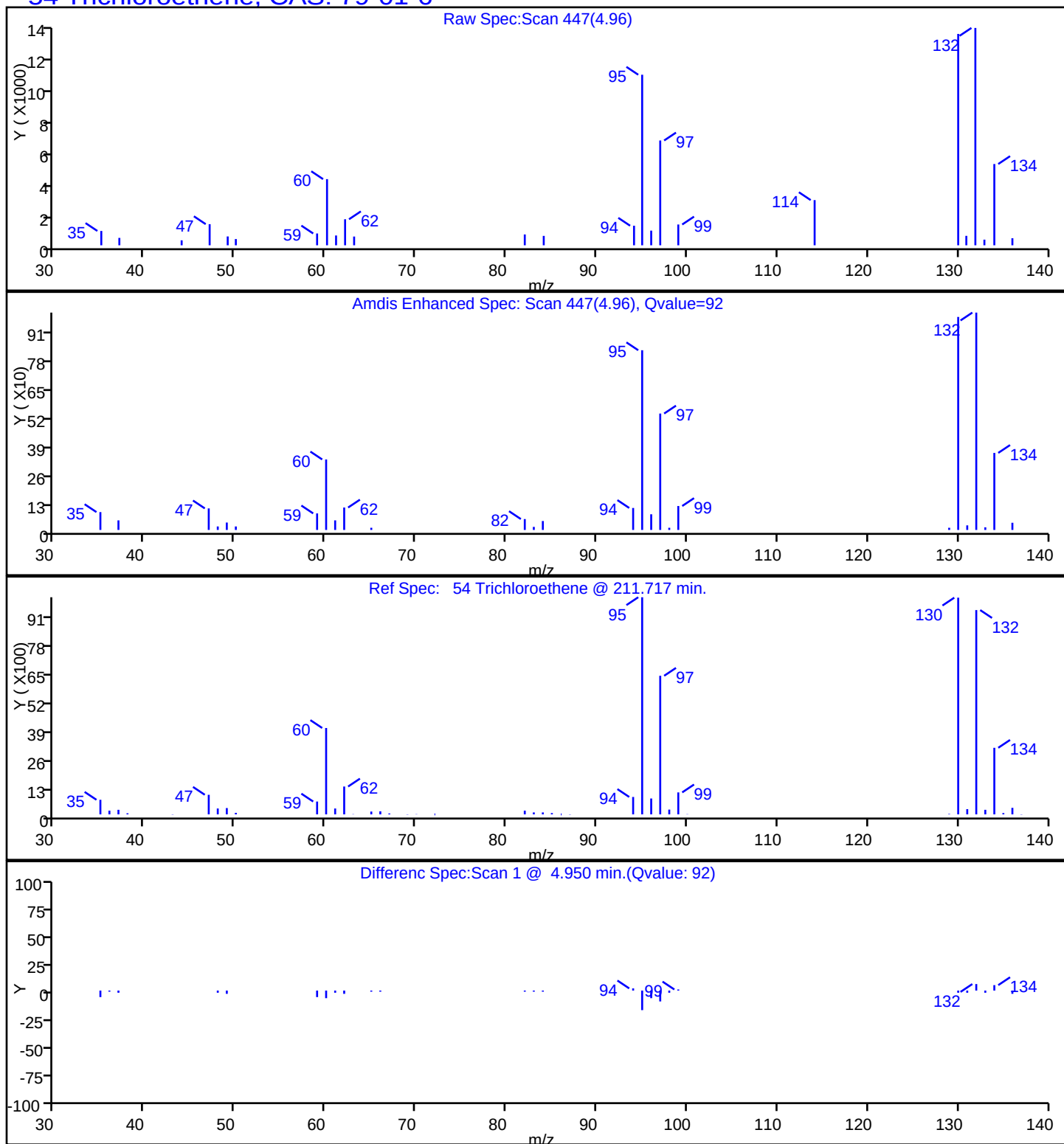
Dil. Factor: 2.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 Trichloroethene, CAS: 79-01-6

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

Lab Name: TestAmerica Edison Job No.: 460-116243-1 Analy Batch No.: 377690

SDG No.: _____

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/07/2016 03:38 Calibration End Date: 07/07/2016 06:17 Calibration ID: 56633

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-377690/3	V45685.D
Level 2	STD20 460-377690/4	V45686.D
Level 3	STD50 460-377690/9	V45691.D
Level 4	STD100 460-377690/5	V45687.D
Level 5	STD200 460-377690/6	V45688.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	0.1075	0.1850	0.1843	0.2052	0.2094	Ave		0.1783			0.0100	23.1		100.0			
Chlorotrifluoromethane	0.3066	0.4014	0.3838	0.4615	0.4582	Ave		0.4023			0.0100	15.8		100.0			
Chlorotrifluoroethene	0.4766	0.4743	0.5185	0.5791	0.6125	Ave		0.5322			0.0100	11.6		100.0			
1,1-Difluoroethane	1.9455	1.6223	1.6183	1.7841	1.8071	Ave		1.7555			0.0100	7.9		100.0			
Dichlorodifluoromethane	1.4323	1.3006	1.2226	1.2409	1.1838	Ave		1.2760			0.0100	7.6		100.0			
Chlorodifluoromethane	3.4231	2.2348	2.0876	2.2810	2.3244	Ave		2.4702			0.0100	21.9		100.0			
Chloromethane	2.3433	2.0461	1.9831	2.0555	2.1495	Ave		2.1155			0.0100	6.6		100.0			
Vinyl chloride	1.9618	1.6858	1.8242	1.8076	1.9872	Ave		1.8533			0.1000	6.6		20.5			
Bromomethane	0.9232	0.9412	1.0731	1.0159	1.1267	Ave		1.0160			0.1000	8.5		20.5			
Chloroethane	1.4824	1.1213	1.1630	1.1733	1.2158	Ave		1.2312			0.0100	11.7		100.0			
Trichlorofluoromethane	2.8303	2.9652	2.6932	2.8110	2.5257	Ave		2.7651			0.0100	6.0		100.0			
1,2-Dichloro-1,1,2-trifluoroethane	2.0637	1.6118	1.5594	1.7476	1.7419	Ave		1.7449			0.0100	11.2		100.0			
1,1,1-Trifluoro-2,2-dichloroethane	2.3226	1.9259	1.9501	2.1080	2.1092	Ave		2.0832			0.0100	7.6		100.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2595	1.5198	1.3514	1.4744	1.3176	Ave		1.3845			0.0100	7.9		100.0			
1,1-Dichloroethene	1.5093	1.3364	1.5067	1.4851	1.5658	Ave		1.4807			0.1000	5.8		20.5			
Acetone	1.5190	0.5344	0.5657	0.6761	0.6509	Ave		0.7892			0.0100	52.2		100.0			
Carbon disulfide	5.7008	4.2982	4.5925	4.6170	4.7095	Ave		4.7836			0.0100	11.2		100.0			
Methyl acetate	1.5235	1.6206	1.5755	1.5887	1.5910	Ave		1.5799			0.0100	2.3		100.0			
Methylene Chloride	2.2179	1.9341	1.8917	1.8664	1.8392	Ave		1.9499			0.0100	7.9		100.0			
Methyl tert-butyl ether	5.1754	5.7826	5.9839	6.1124	6.0593	Ave		5.8227			0.0100	6.6		100.0			
trans-1,2-Dichloroethene	1.9227	1.6757	1.7137	1.7072	1.7761	Ave		1.7591			0.0100	5.6		100.0			
1,1-Dichloroethane	3.1086	2.9843	2.9178	2.9362	2.9989	Ave		2.9892			0.2000	2.5		20.5			
cis-1,2-Dichloroethene	1.8716	1.9163	1.9267	1.9641	2.0181	Ave		1.9393			0.0100	2.8		100.0			
2-Butanone (MEK)	1.0068	0.8191	0.8953	0.9413	0.9437	Ave		0.9212			0.0100	7.5		100.0			
Chloroform	3.5800	3.3244	3.3493	3.4124	3.4204	Ave		3.4173			0.2000	2.9		20.5			
Cyclohexane	0.3222	0.3780	0.3807	0.4027	0.3625	Ave		0.3692			0.0100	8.1		100.0			
1,1,1-Trichloroethane	0.6554	0.4962	0.5268	0.5437	0.5568	Ave		0.5558			0.1000	10.8		20.5			
Carbon tetrachloride	0.3826	0.3199	0.3841	0.4172	0.4474	Ave		0.3902			0.1000	12.2		20.5			
Benzene	1.2749	1.1981	1.2005	1.2340	1.2595	Ave		1.2334			0.5000	2.8		20.5			
1,2-Dichloroethane	2.7287	2.8295	2.8251	2.8581	2.8426	Ave		2.8168			0.1000	1.8		20.5			
Trichloroethene	0.4151	0.3378	0.3462	0.3628	0.3647	Ave		0.3653			0.3000	8.2		20.5			
Methylcyclohexane	0.3325	0.4174	0.4115	0.4363	0.3840	Ave		0.3964			0.0100	10.2		100.0			

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.: 460-116243-1 Analy Batch No.: 377690

SDG No.: _____

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/07/2016 03:38 Calibration End Date: 07/07/2016 06:17 Calibration ID: 56633

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloropropane	0.3428	0.2931	0.2920	0.3064	0.3052	Ave		0.3079			0.0100	6.7		100.0			
Dichlorobromomethane	0.4590	0.4522	0.4630	0.4738	0.4710	Ave		0.4638			0.2000	1.9		20.5			
cis-1,3-Dichloropropene	0.4808	0.4895	0.5259	0.5460	0.5482	Ave		0.5181			0.2000	6.1		20.5			
4-Methyl-2-pentanone (MIBK)	0.3140	0.3111	0.3182	0.3261	0.3390	Ave		0.3217			0.0100	3.5		100.0			
Toluene	1.3688	1.4064	1.3553	1.4258	1.4635	Ave		1.4039			0.4000	3.1		20.5			
trans-1,3-Dichloropropene	0.4518	0.4807	0.5001	0.5348	0.5436	Ave		0.5022			0.1000	7.6		20.5			
1,1,2-Trichloroethane	0.3102	0.3232	0.3236	0.3384	0.3375	Ave		0.3266			0.1000	3.6		20.5			
Tetrachloroethene	0.4335	0.2867	0.2918	0.3189	0.3376	Ave		0.3337			0.2000	17.8		20.5			
2-Hexanone	0.1987	0.2059	0.2115	0.2210	0.2357	Ave		0.2145			0.0100	6.7		100.0			
Chlorodibromomethane	0.4784	0.4604	0.4555	0.4732	0.4807	Ave		0.4696			0.1000	2.4		20.5			
Ethylene Dibromide	0.3378	0.3656	0.3653	0.3667	0.3713	Ave		0.3613			0.0100	3.7		100.0			
Chlorobenzene	1.0610	0.9944	0.9655	0.9949	1.0031	Ave		1.0038			0.5000	3.5		20.5			
Ethylbenzene	0.5285	0.4784	0.4640	0.4910	0.5076	Ave		0.4939			0.1000	5.1		20.5			
m-Xylene & p-Xylene	1.2290	1.1969	1.1832	1.2583	1.3180	Ave		0.6045			0.3000	5.8		100.0			
o-Xylene	0.5608	0.5901	0.5917	0.6314	0.6485	Ave		0.6045			0.3000	5.8		100.0			
Styrene	0.8770	1.0270	1.0476	1.1144	1.1413	Ave		1.0414			0.3000	9.9		20.5			
Bromoform	0.2912	0.3365	0.3550	0.3750	0.3815	Ave		0.3478			0.1000	10.4		20.5			
Isopropylbenzene	1.2526	1.5058	1.5028	1.5140	1.4366	Ave		1.4424			0.0100	7.7		100.0			
1,1,2,2-Tetrachloroethane	0.4400	0.4614	0.4514	0.4542	0.4711	Ave		0.4556			0.3000	2.5		20.5			
1,3-Dichlorobenzene	0.6381	0.8031	0.8107	0.8034	0.7780	Ave		0.7667			0.6000	9.5		20.5			
1,4-Dichlorobenzene	0.6677	0.8065	0.8307	0.8329	0.8079	Ave		0.7891			0.5000	8.7		20.5			
1,2-Dichlorobenzene	0.6702	0.7890	0.7948	0.7868	0.7686	Ave		0.7619			0.4000	6.8		20.5			
1,2-Dibromo-3-Chloropropane	0.0919	0.0868	0.0876	0.0900	0.0913	Ave		0.0895			0.0100	2.5		100.0			
1,2,4-Trichlorobenzene	0.3886	0.3857	0.4146	0.4172	0.4058	Ave		0.4024			0.2000	3.6		20.5			
1,2-Dichloroethane-d4 (Surr)	1.6863	1.5864	1.3825	1.7910	1.8249	Ave		1.6542			0.0100	10.8		100.0			
Toluene-d8 (Surr)	0.7372	0.7564	0.6860	0.8020	0.8083	Ave		0.7580			0.0100	6.6		100.0			
4-Bromofluorobenzene	0.5302	0.4353	0.4680	0.4822	0.4801	Ave		0.4792			0.2000	7.1		20.5			

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.: 460-116243-1 Analy Batch No.: 377690

SDG No.: _____

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/07/2016 03:38 Calibration End Date: 07/07/2016 06:17 Calibration ID: 56633

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-377690/3	V45685.D
Level 2	STD20 460-377690/4	V45686.D
Level 3	STD50 460-377690/9	V45691.D
Level 4	STD100 460-377690/5	V45687.D
Level 5	STD200 460-377690/6	V45688.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Monochloropentafluoroethane	BCM	Ave	311	10245	25262	58657	119732	1.00	20.0	50.0	100	200
Chlorotrifluoromethane	BCM	Ave	887	22234	52618	131910	261980	1.00	20.0	50.0	100	200
Chlorotrifluoroethene	BCM	Ave	1379	26271	71080	165532	350222	1.00	20.0	50.0	100	200
1,1-Difluoroethane	BCM	Ave	5629	89850	221838	509979	1033302	1.00	20.0	50.0	100	200
Dichlorodifluoromethane	BCM	Ave	4144	72033	167591	354694	676914	1.00	20.0	50.0	100	200
Chlorodifluoromethane	BCM	Ave	9904	123774	286162	652016	1329088	1.00	20.0	50.0	100	200
Chloromethane	BCM	Ave	6780	113321	271838	587547	1229057	1.00	20.0	50.0	100	200
Vinyl chloride	BCM	Ave	5676	93368	250061	516686	1136298	1.00	20.0	50.0	100	200
Bromomethane	BCM	Ave	2671	52128	147094	290404	644245	1.00	20.0	50.0	100	200
Chloroethane	BCM	Ave	4289	62103	159421	335384	695203	1.00	20.0	50.0	100	200
Trichlorofluoromethane	BCM	Ave	8189	164226	369188	803504	1444173	1.00	20.0	50.0	100	200
1,2-Dichloro-1,1,2-trifluoroethane	BCM	Ave	5971	89271	213761	499532	995997	1.00	20.0	50.0	100	200
1,1,1-Trifluoro-2,2-dichloroethane	BCM	Ave	6720	106669	267314	602569	1206066	1.00	20.0	50.0	100	200
1,1,2-Trichloro-1,1,2,2-trifluoroethane	BCM	Ave	3644	84175	185245	421456	753391	1.00	20.0	50.0	100	200
1,1-Dichloroethene	BCM	Ave	4367	74017	206544	424499	895297	1.00	20.0	50.0	100	200
Acetone	BCM	Ave	4395	29599	77549	193253	372185	1.00	20.0	50.0	100	200
Carbon disulfide	BCM	Ave	16494	238058	629541	1319747	2692906	1.00	20.0	50.0	100	200
Methyl acetate	BCM	Ave	4408	89758	215968	454113	909734	1.00	20.0	50.0	100	200
Methylene Chloride	BCM	Ave	6417	107120	259321	533501	1051670	1.00	20.0	50.0	100	200
Methyl tert-butyl ether	BCM	Ave	14974	320273	820268	1747198	3464729	1.00	20.0	50.0	100	200
trans-1,2-Dichloroethene	BCM	Ave	5563	92807	234915	487990	1015594	1.00	20.0	50.0	100	200
1,1-Dichloroethane	BCM	Ave	8994	165287	399976	839315	1714769	1.00	20.0	50.0	100	200
cis-1,2-Dichloroethene	BCM	Ave	5415	106133	264113	561425	1153964	1.00	20.0	50.0	100	200
2-Butanone (MEK)	BCM	Ave	2913	45367	122734	269053	539612	1.00	20.0	50.0	100	200
Chloroform	BCM	Ave	10358	184123	459121	975411	1955797	1.00	20.0	50.0	100	200
Cyclohexane	DFBZ	Ave	5245	122019	303221	672826	1221928	1.00	20.0	50.0	100	200
1,1,1-Trichloroethane	DFBZ	Ave	10668	160199	419597	908332	1876987	1.00	20.0	50.0	100	200
Carbon tetrachloride	DFBZ	Ave	6228	103286	305950	696970	1508161	1.00	20.0	50.0	100	200
Benzene	DFBZ	Ave	20752	386776	956159	2061520	4245708	1.00	20.0	50.0	100	200
1,2-Dichloroethane	BCM	Ave	7895	156710	387268	816972	1625397	1.00	20.0	50.0	100	200
Trichloroethene	DFBZ	Ave	6757	109068	275713	606148	1229524	1.00	20.0	50.0	100	200
Methylcyclohexane	DFBZ	Ave	5413	134752	327794	728965	1294399	1.00	20.0	50.0	100	200
1,2-Dichloropropane	DFBZ	Ave	5580	94620	232550	511934	1028716	1.00	20.0	50.0	100	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-116243-1 Analy Batch No.: 377690

SDG No.: _____

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/07/2016 03:38 Calibration End Date: 07/07/2016 06:17 Calibration ID: 56633

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorobromomethane	DFBZ	Ave	7471	145974	368773	791589	1587796	1.00	20.0	50.0	100	200
cis-1,3-Dichloropropene	DFBZ	Ave	7826	158031	418856	912194	1847837	1.00	20.0	50.0	100	200
4-Methyl-2-pentanone (MIBK)	CBNZd	Ave	4618	93230	244636	535042	1109592	1.00	20.0	50.0	100	200
Toluene	CBNZd	Ave	20128	421526	1041896	2339579	4790510	1.00	20.0	50.0	100	200
trans-1,3-Dichloropropene	DFBZ	Ave	7354	155177	398353	893491	1832520	1.00	20.0	50.0	100	200
1,1,2-Trichloroethane	DFBZ	Ave	5050	104353	257781	565269	1137809	1.00	20.0	50.0	100	200
Tetrachloroethene	CBNZd	Ave	6374	85936	224367	523268	1104931	1.00	20.0	50.0	100	200
2-Hexanone	CBNZd	Ave	2922	61702	162572	362722	771404	1.00	20.0	50.0	100	200
Chlorodibromomethane	CBNZd	Ave	7035	137982	350180	776419	1573404	1.00	20.0	50.0	100	200
Ethylene Dibromide	CBNZd	Ave	4967	109587	280847	601774	1215382	1.00	20.0	50.0	100	200
Chlorobenzene	CBNZd	Ave	15602	298033	742229	1632569	3283505	1.00	20.0	50.0	100	200
Ethylbenzene	CBNZd	Ave	7772	143373	356743	805675	1661730	1.00	20.0	50.0	100	200
m-Xylene & p-Xylene	CBNZd	Ave	18072	358723	909634	2064715	4314409	1.00	20.0	50.0	100	200
o-Xylene	CBNZd	Ave	8246	176854	454875	1036112	2122666	1.00	20.0	50.0	100	200
Styrene	CBNZd	Ave	12896	307813	805385	1828585	3735852	1.00	20.0	50.0	100	200
Bromoform	DFBZ	Ave	4740	108631	282771	626450	1286133	1.00	20.0	50.0	100	200
Isopropylbenzene	CBNZd	Ave	18419	451318	1155317	2484387	4702560	1.00	20.0	50.0	100	200
1,1,2,2-Tetrachloroethane	CBNZd	Ave	6470	138298	346999	745392	1541999	1.00	20.0	50.0	100	200
1,3-Dichlorobenzene	CBNZd	Ave	9383	240697	623230	1318391	2546704	1.00	20.0	50.0	100	200
1,4-Dichlorobenzene	CBNZd	Ave	9818	241723	638629	1366724	2644703	1.00	20.0	50.0	100	200
1,2-Dichlorobenzene	CBNZd	Ave	9856	236482	611043	1291068	2515958	1.00	20.0	50.0	100	200
1,2-Dibromo-3-Chloropropane	CBNZd	Ave	1351	26020	67355	147710	298967	1.00	20.0	50.0	100	200
1,2,4-Trichlorobenzene	CBNZd	Ave	5714	115597	318728	684654	1328370	1.00	20.0	50.0	100	200
1,2-Dichloroethane-d4 (Surr)	BCM	Ave	4882	87918	189628	512290	1044133	1.00	20.0	50.0	100	200
Toluene-d8 (Surr)	CBNZd	Ave	10845	226769	527563	1316534	2646801	1.00	20.0	50.0	100	200
4-Bromofluorobenzene	CBNZd	Ave	7800	130518	359929	791633	1572345	1.00	20.0	50.0	100	200

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45685.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 07-Jul-2016 03:38:30 ALS Bottle#: 3 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0042999-003
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 04:11:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.350	1.359	-0.009	1	311	1.00	0.6030	M
27 Chlorotrifluoromethane	69	1.367	1.359	0.008	32	887	1.00	0.7620	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	22	1379	1.00	0.8955	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	96	5629	1.00	1.11	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	44	4144	1.00	1.12	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	9904	1.00	1.39	
39 Chloromethane	50	1.655	1.655	0.000	98	6780	1.00	1.11	
12 Vinyl chloride	62	1.737	1.737	0.000	94	5676	1.00	1.06	
65 Bromomethane	94	2.001	2.000	0.001	68	2671	1.00	0.9086	
23 Chloroethane	64	2.083	2.075	0.009	98	4289	1.00	1.20	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	98	8189	1.00	1.02	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	5971	1.00	1.18	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	91	6720	1.00	1.11	
49 1,1,2-Trichloro-1,2,2-trif	101	2.593	2.585	0.008	95	3644	1.00	0.9097	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	93	4367	1.00	1.02	
14 Acetone	43	2.708	2.700	0.008	86	4395	1.00	1.92	
3 Carbon disulfide	76	2.791	2.790	0.001	97	16494	1.00	1.19	
50 Methyl acetate	43	2.906	2.906	0.000	60	4408	1.00	0.9643	
40 Methylene Chloride	84	3.005	3.004	0.001	80	6417	1.00	1.14	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	14974	1.00	0.8888	
63 trans-1,2-Dichloroethene	96	3.161	3.153	0.008	89	5563	1.00	1.09	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	66	8994	1.00	1.04	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	87	5415	1.00	0.9650	
57 2-Butanone (MEK)	43	3.926	3.918	0.008	63	2913	1.00	1.09	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	144665	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	92	10358	1.00	1.05	
8 Cyclohexane	56	4.231	4.231	0.000	70	5245	1.00	0.8727	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	94	10668	1.00	1.18	
6 Carbon tetrachloride	117	4.346	4.338	0.008	54	6228	1.00	0.9804	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.510	0.001	97	20752	1.00	1.03	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	4882	1.00	1.02	
43 1,2-Dichloroethane	62	4.577	4.568	0.008	96	7895	1.00	0.9687	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	813890	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	6757	1.00	1.14	
55 Methylcyclohexane	83	5.037	5.029	0.008	92	5413	1.00	0.8390	
58 1,2-Dichloropropane	63	5.136	5.128	0.008	85	5580	1.00	1.11	
20 Dichlorobromomethane	83	5.301	5.301	0.000	97	7471	1.00	0.9896	
10 cis-1,3-Dichloropropene	75	5.589	5.589	0.000	90	7826	1.00	0.9280	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	55	4618	1.00	0.9763	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.009	98	10845	1.00	0.9730	
30 Toluene	91	5.770	5.770	0.000	93	20128	1.00	0.9750	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	93	7354	1.00	0.8996	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	95	5050	1.00	0.9499	
46 Tetrachloroethene	164	6.091	6.091	0.000	92	6374	1.00	1.30	
7 2-Hexanone	43	6.190	6.181	0.009	49	2922	1.00	0.9262	
32 Chlorodibromomethane	129	6.288	6.288	0.000	90	7035	1.00	1.02	
48 Ethylene Dibromide	107	6.371	6.370	0.001	96	4967	1.00	0.9348	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	735259	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	96	15602	1.00	1.06	
62 Ethylbenzene	106	6.667	6.667	0.000	97	7772	1.00	1.07	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	18072	1.00	2.03	
25 o-Xylene	106	6.971	6.971	0.000	94	8246	1.00	0.9277	
17 Styrene	104	6.988	6.988	0.000	99	12896	1.00	0.8421	
51 Bromoform	173	7.119	7.128	-0.009	94	4740	1.00	0.8371	
42 Isopropylbenzene	105	7.169	7.169	0.000	94	18419	1.00	0.8684	
\$ 26 4-Bromofluorobenzene	174	7.301	7.292	0.009	90	7800	1.00	1.11	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	96	6470	1.00	0.9657	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	94	9383	1.00	0.8323	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	95	9818	1.00	0.8461	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	93	9856	1.00	0.8797	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	88	1351	1.00	1.03	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	88	5714	1.00	0.9657	
S 9 Xylenes, Total	106				0	8246	1.00	0.9277	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

VMCLPFREOW_00107

Amount Added: 0.50

Units: uL

VMC4.2Oi_00109

Amount Added: 0.50

Units: uL

VMC4.2_00127

Amount Added: 0.50

Units: uL

VMC4.2SU_00111

Amount Added: 0.50

Units: uL

VMC4.2ISi_00116

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45685.D

Injection Date: 07-Jul-2016 03:38:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD1

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

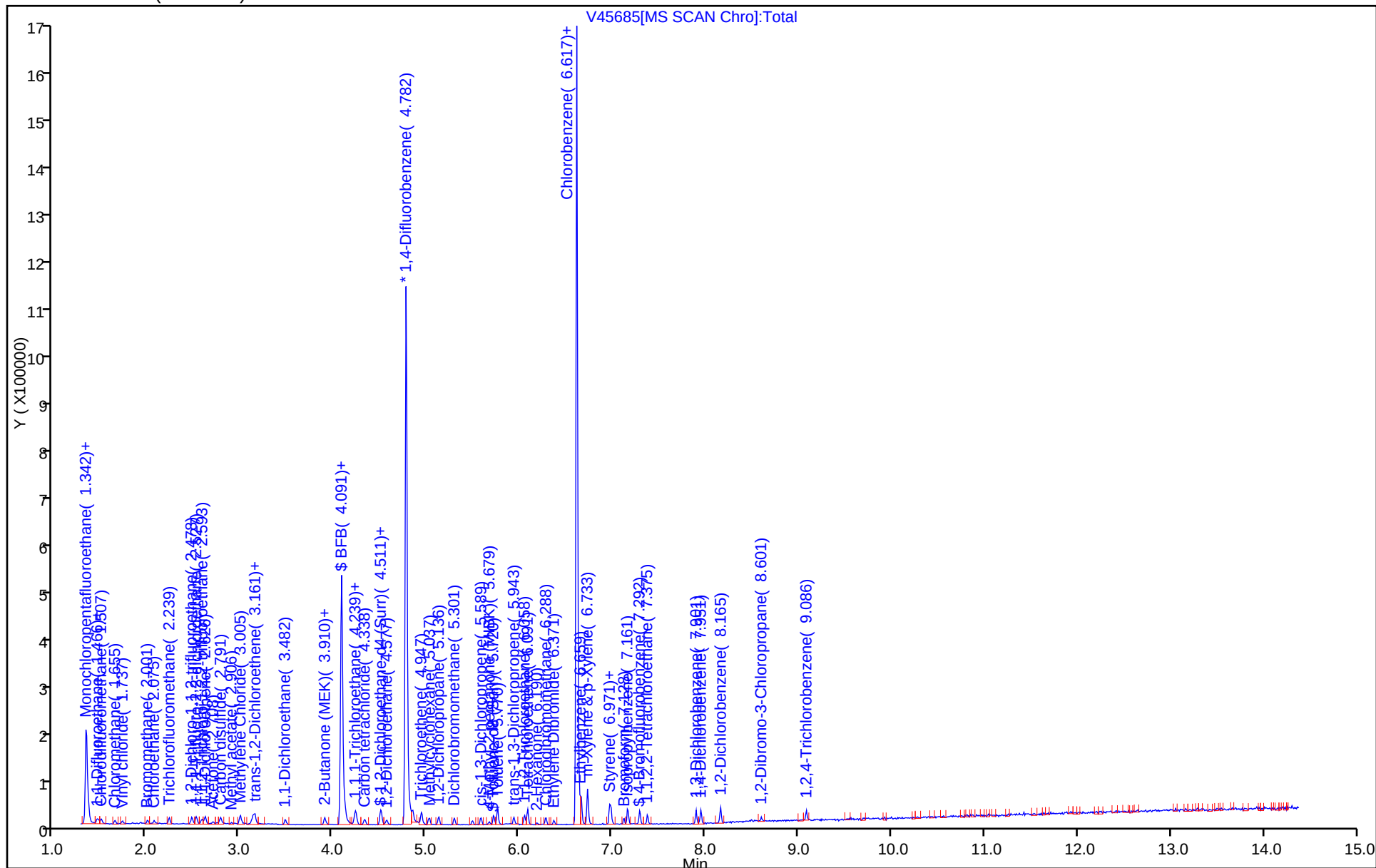
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

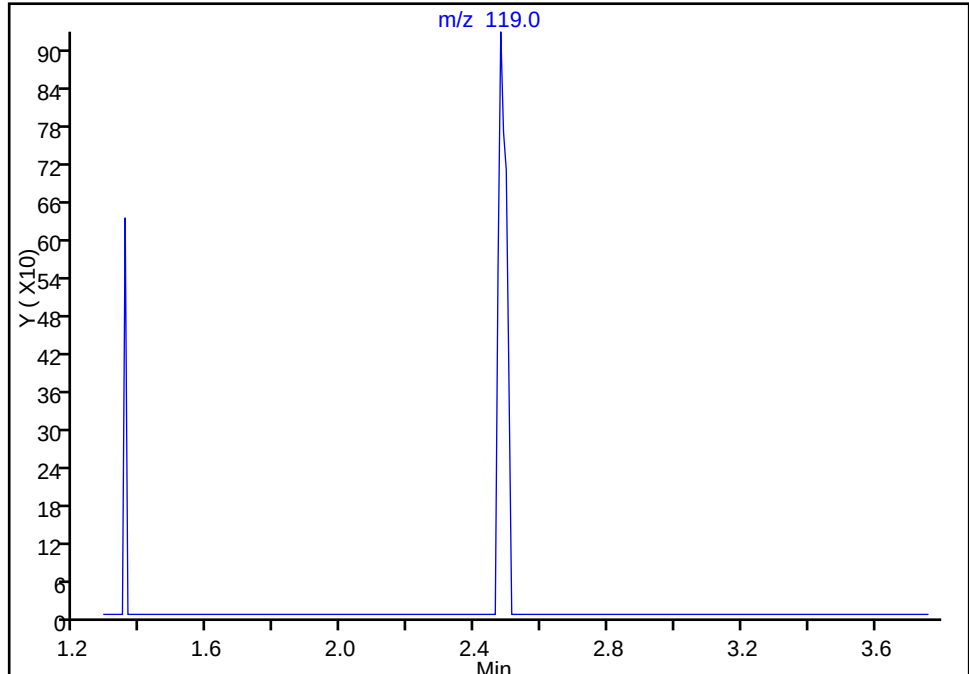
Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45685.D
Injection Date: 07-Jul-2016 03:38:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: OLM04.2LLW7 Limit Group: VOA OLM04.2 LL Water ICAL
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

13 Monochloropentafluoroethane, CAS: 76-15-3

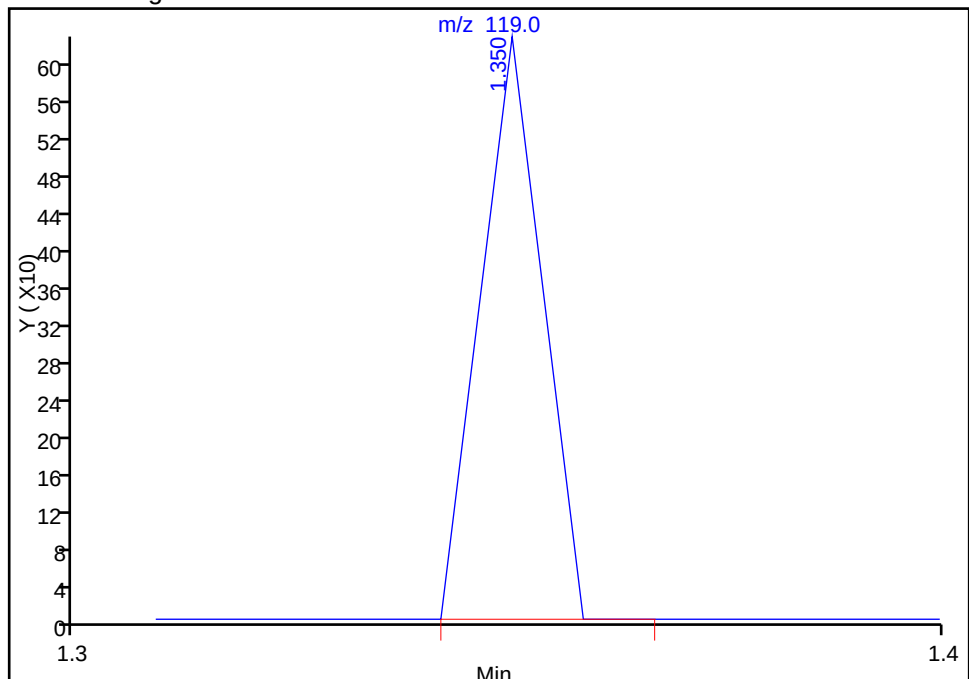
Signal: 1

Not Detected
Expected RT: 1.36

Processing Integration Results



Manual Integration Results



RT: 1.35
Area: 311
Amount: 0.602958
Amount Units: ug/l

Reviewer: boykink, 07-Jul-2016 20:05:55
Audit Action: Assigned Compound ID

Audit Reason: Missed Peak
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10/12/2016

TestAmerica Edison

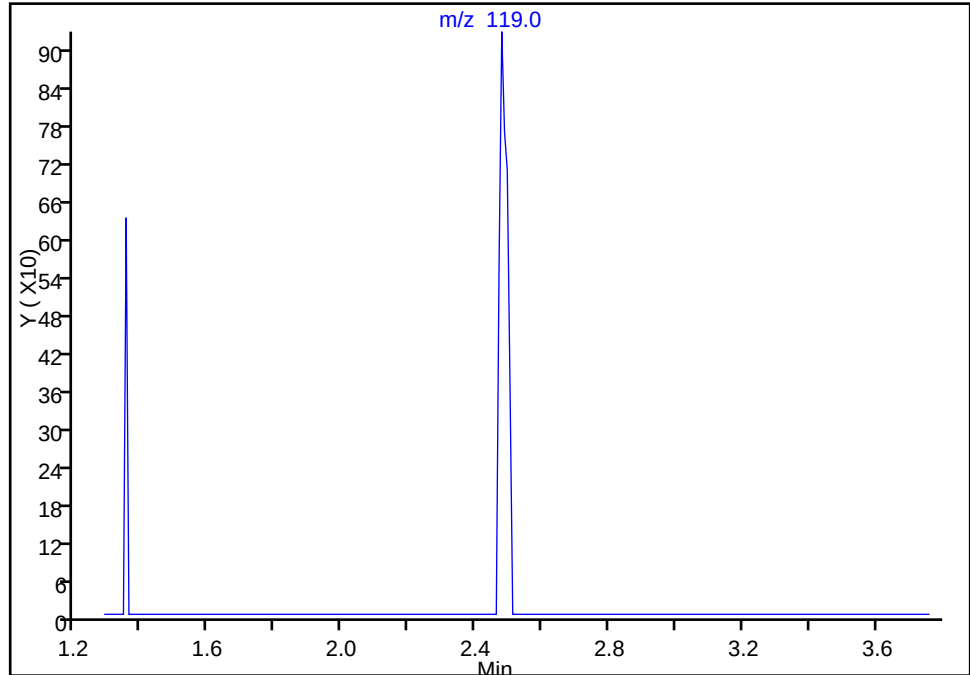
Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\45685.D
Injection Date: 07-Jul-2016 03:38:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL ALS Bottle#: 3 Worklist Smp#: 3
Method: OLM04.2LLW7 Dil. Factor: 1.0000
Column: Rtx-624 (0.25 mm) Limit Group: VOA OLM04.2 LL Water ICAL
Detector MS SCAN

13 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

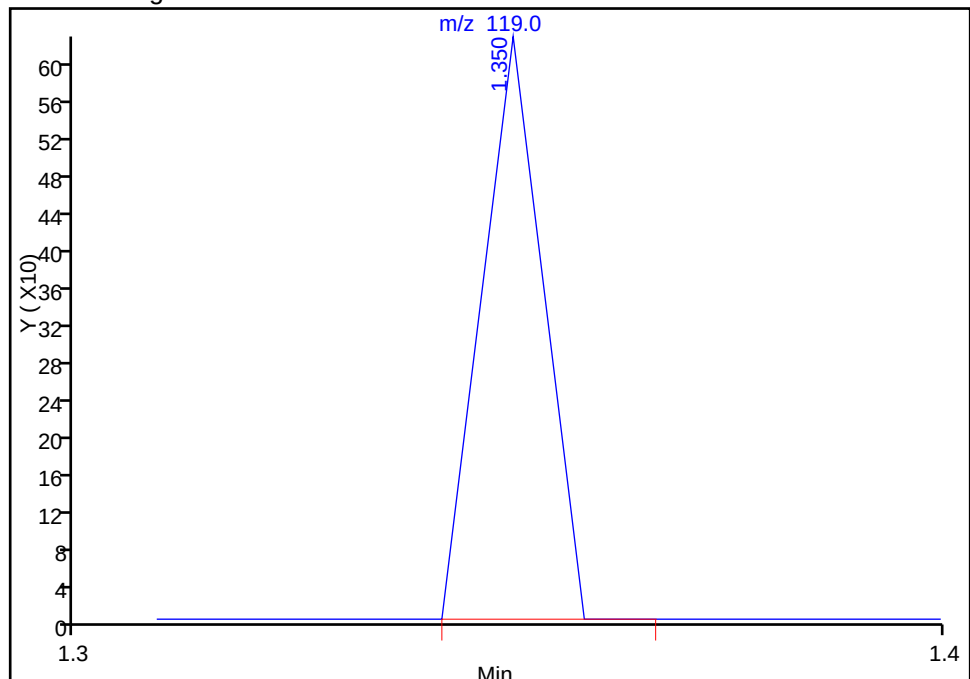
Not Detected
Expected RT: 1.36

Processing Integration Results



Manual Integration Results

RT: 1.35
Area: 311
Amount: 0.602958
Amount Units: ug/l



Reviewer: boykink, 07-Jul-2016 20:05:55

Audit Action: Manually Integrated

Audit Reason: Missed Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45686.D
 Lims ID: STD20
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 07-Jul-2016 04:02:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0042999-004
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:33 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 04:32:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	83	10245	20.0	20.8	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	72	22234	20.0	20.0	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	84	26271	20.0	17.8	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	93	89850	20.0	18.5	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	97	72033	20.0	20.4	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	98	123774	20.0	18.1	
39 Chloromethane	50	1.655	1.655	0.000	99	113321	20.0	19.3	
12 Vinyl chloride	62	1.729	1.737	-0.008	99	93368	20.0	18.2	
65 Bromomethane	94	2.001	2.000	0.001	95	52128	20.0	18.5	
23 Chloroethane	64	2.075	2.075	0.001	99	62103	20.0	18.2	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	164226	20.0	21.4	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	91	89271	20.0	18.5	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	106669	20.0	18.5	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	94	84175	20.0	22.0	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	74017	20.0	18.1	
14 Acetone	43	2.700	2.700	0.000	83	29599	20.0	13.5	
3 Carbon disulfide	76	2.791	2.790	0.001	99	238058	20.0	18.0	
50 Methyl acetate	43	2.906	2.906	0.000	99	89758	20.0	20.5	
40 Methylene Chloride	84	3.005	3.004	0.001	90	107120	20.0	19.8	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	320273	20.0	19.9	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	96	92807	20.0	19.1	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	165287	20.0	20.0	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	106133	20.0	19.8	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	45367	20.0	17.8	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	138463	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	98	184123	20.0	19.5	
8 Cyclohexane	56	4.231	4.231	0.000	88	122019	20.0	20.5	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	96	160199	20.0	17.9	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	103286	20.0	16.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.510	0.001	97	386776	20.0	19.4	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	87918	20.0	19.2	
43 1,2-Dichloroethane	62	4.576	4.568	0.008	99	156710	20.0	20.1	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	807094	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	109068	20.0	18.5	
55 Methylcyclohexane	83	5.029	5.029	0.000	95	134752	20.0	21.1	
58 1,2-Dichloropropane	63	5.136	5.128	0.008	88	94620	20.0	19.0	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	145974	20.0	19.5	
10 cis-1,3-Dichloropropene	75	5.589	5.589	0.000	93	158031	20.0	18.9	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	96	93230	20.0	19.3	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	226769	20.0	20.0	
30 Toluene	91	5.770	5.770	0.000	94	421526	20.0	20.0	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	96	155177	20.0	19.1	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	104353	20.0	19.8	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	85936	20.0	17.2	
7 2-Hexanone	43	6.181	6.181	0.000	96	61702	20.0	19.2	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	137982	20.0	19.6	
48 Ethylene Dibromide	107	6.371	6.370	0.000	100	109587	20.0	20.2	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	749292	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	298033	20.0	19.8	
62 Ethylbenzene	106	6.667	6.667	0.000	96	143373	20.0	19.4	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	358723	20.0	39.6	
25 o-Xylene	106	6.971	6.971	0.000	95	176854	20.0	19.5	
17 Styrene	104	6.988	6.988	0.000	95	307813	20.0	19.7	
51 Bromoform	173	7.128	7.128	0.000	99	108631	20.0	19.3	
42 Isopropylbenzene	105	7.169	7.169	0.000	95	451318	20.0	20.9	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	130518	20.0	18.2	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	96	138298	20.0	20.3	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	240697	20.0	21.0	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	96	241723	20.0	20.4	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	99	236482	20.0	20.7	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	26020	20.0	19.4	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	115597	20.0	19.2	
S 9 Xylenes, Total	106				0	176854	20.0	19.5	

Reagents:

VMC4.2SU_00111	Amount Added: 1.00	Units: uL	
VMC4.2Oi_00109	Amount Added: 1.00	Units: uL	
VMCLPFREOW_00107	Amount Added: 1.00	Units: uL	
VMC4.2_00127	Amount Added: 1.00	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45686.D

Injection Date: 07-Jul-2016 04:02:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD20

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

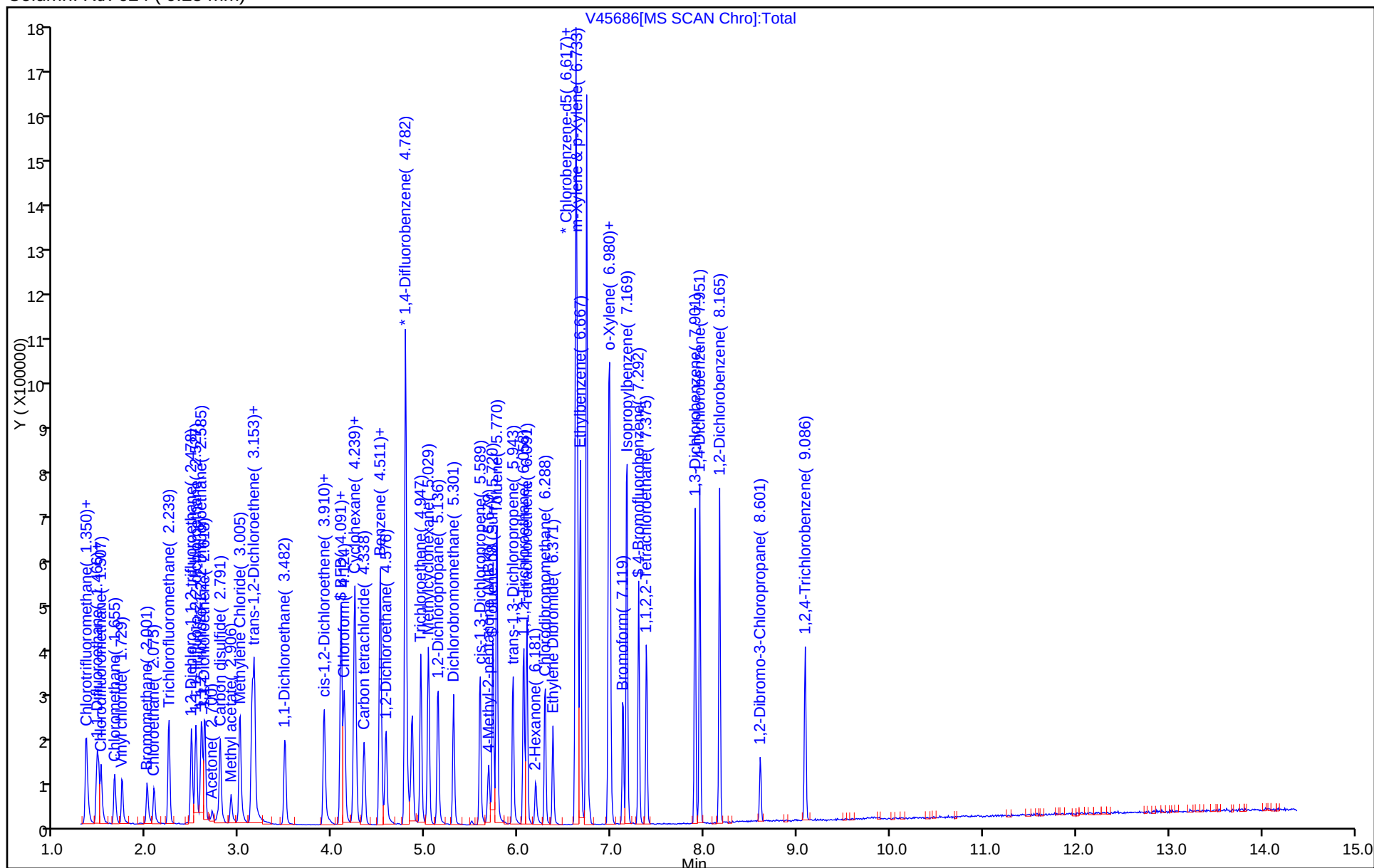
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45687.D
 Lims ID: STD100
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 07-Jul-2016 04:26:30 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD100
 Misc. Info.: 460-0042999-005
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:35 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 04:53:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	86	58657	100.0	115.1	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	67	131910	100.0	114.7	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	84	165532	100.0	108.8	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	509979	100.0	101.6	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	354694	100.0	97.2	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	652016	100.0	92.3	
39 Chloromethane	50	1.655	1.655	0.000	99	587547	100.0	97.2	
12 Vinyl chloride	62	1.729	1.737	-0.008	99	516686	100.0	97.5	
65 Bromomethane	94	2.001	2.000	0.001	97	290404	100.0	100.0	
23 Chloroethane	64	2.075	2.075	0.001	100	335384	100.0	95.3	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	803504	100.0	101.7	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	499532	100.0	100.2	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	602569	100.0	101.2	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	94	421456	100.0	106.5	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	97	424499	100.0	100.3	
14 Acetone	43	2.700	2.700	0.000	86	193253	100.0	85.7	
3 Carbon disulfide	76	2.791	2.790	0.001	100	1319747	100.0	96.5	
50 Methyl acetate	43	2.906	2.906	0.000	99	454113	100.0	100.6	
40 Methylene Chloride	84	2.996	3.004	-0.008	92	533501	100.0	95.7	
59 Methyl tert-butyl ether	73	3.128	3.136	-0.008	96	1747198	100.0	105.0	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	96	487990	100.0	97.0	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	839315	100.0	98.2	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	561425	100.0	101.3	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	269053	100.0	102.2	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	77	142923	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	99	975411	100.0	99.9	
8 Cyclohexane	56	4.231	4.231	0.000	89	672826	100.0	109.1	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	908332	100.0	97.8	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	696970	100.0	106.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.510	0.001	97	2061520	100.0	100.1	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	512290	100.1	108.3	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	816972	100.0	101.5	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	835310	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	97	606148	100.0	99.3	
55 Methylcyclohexane	83	5.029	5.029	0.000	94	728965	100.0	110.1	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	87	511934	100.0	99.5	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	791589	100.0	102.2	
10 cis-1,3-Dichloropropene	75	5.580	5.589	-0.009	93	912194	100.0	105.4	
45 4-Methyl-2-pentanone (MIBK	43	5.671	5.679	-0.008	96	535042	100.0	101.4	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	1316534	100.0	105.8	
30 Toluene	91	5.762	5.770	-0.008	93	2339579	100.0	101.6	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	97	893491	100.0	106.5	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	565269	100.0	103.6	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	523268	100.0	95.6	
7 2-Hexanone	43	6.181	6.181	0.000	95	362722	100.0	103.0	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	776419	100.0	100.8	
48 Ethylene Dibromide	107	6.371	6.370	0.001	99	601774	100.0	101.5	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	820467	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	1632569	100.0	99.1	
62 Ethylbenzene	106	6.667	6.667	0.000	97	805675	100.0	99.4	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	2064715	100.0	208.2	
25 o-Xylene	106	6.971	6.971	0.000	94	1036112	100.0	104.5	
17 Styrene	104	6.980	6.988	-0.008	96	1828585	100.0	107.0	
51 Bromoform	173	7.119	7.128	-0.009	98	626450	100.0	107.8	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	2484387	100.0	105.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	791633	100.0	100.7	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	96	745392	100.0	99.7	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	1318391	100.0	104.8	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	97	1366724	100.0	105.5	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	98	1291068	100.0	103.3	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	94	147710	100.0	100.5	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	684654	100.0	103.7	
S 9 Xylenes, Total	106				0	1036112	100.0	104.5	

Reagents:

VMC4.2SU_00111	Amount Added: 5.00	Units: uL	
VMC4.2Oi_00109	Amount Added: 5.00	Units: uL	
VMCLPFREOW_00107	Amount Added: 5.00	Units: uL	
VMC4.2_00127	Amount Added: 5.00	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45687.D

Injection Date: 07-Jul-2016 04:26:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD100

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

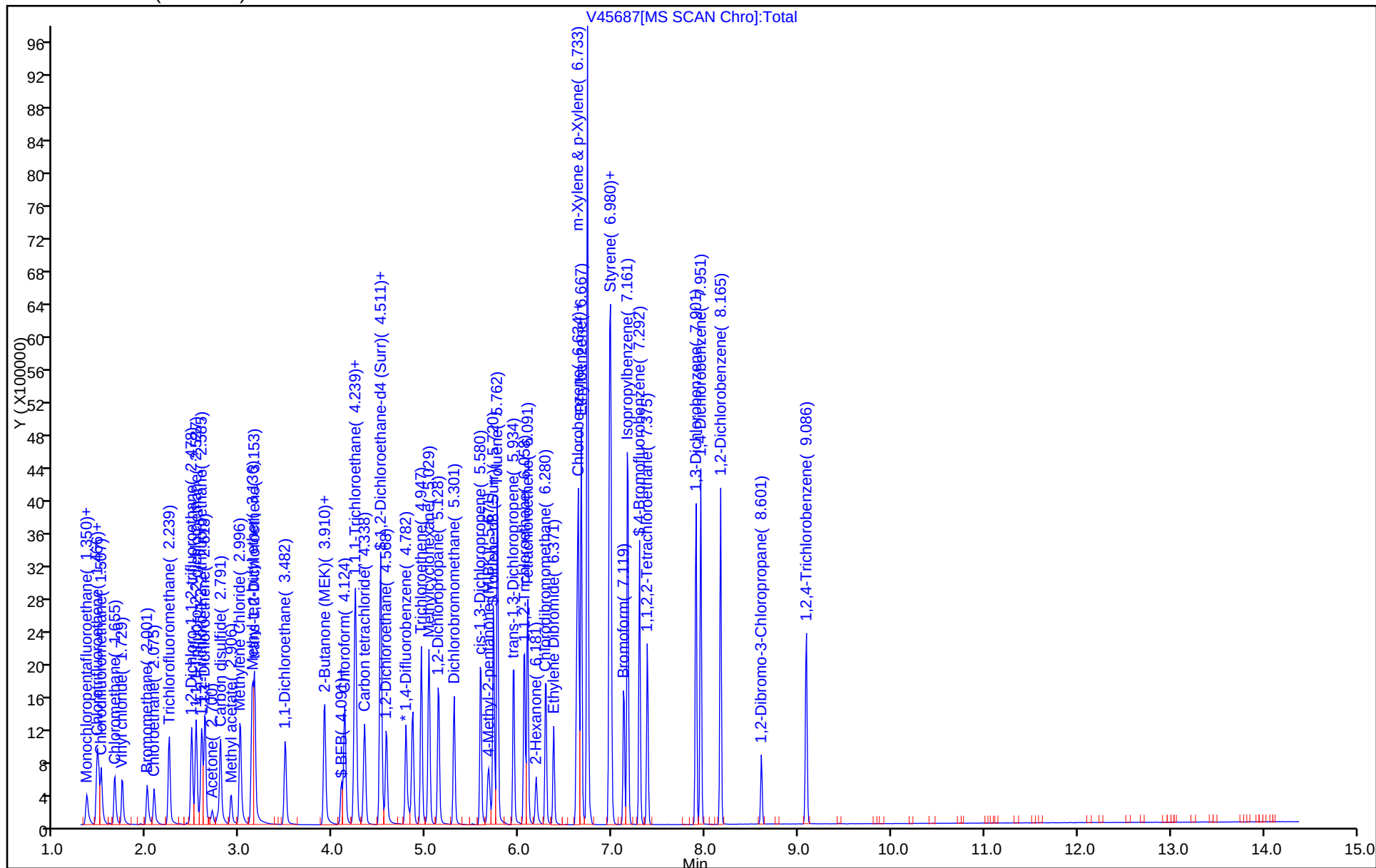
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45688.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 07-Jul-2016 04:51:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0042999-006
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:36 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last Ical File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 05:13:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	89	119732	200.0	234.9	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	64	261980	200.0	227.8	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	84	350222	200.0	230.2	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	1033302	200.0	205.9	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	676914	200.0	185.5	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	1329088	200.0	188.2	
39 Chloromethane	50	1.655	1.655	0.000	100	1229057	200.0	203.2	
12 Vinyl chloride	62	1.729	1.737	-0.008	99	1136298	200.0	214.5	
65 Bromomethane	94	2.001	2.000	0.001	99	644245	200.0	221.8	
23 Chloroethane	64	2.075	2.075	0.001	100	695203	200.0	197.5	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	100	1444173	200.0	182.7	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	995997	200.0	199.7	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	1206066	200.0	202.5	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	95	753391	200.0	190.3	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	895297	200.0	211.5	
14 Acetone	43	2.700	2.700	0.000	85	372185	200.0	164.9	
3 Carbon disulfide	76	2.791	2.790	0.001	100	2692906	200.0	196.9	
50 Methyl acetate	43	2.898	2.906	-0.008	99	909734	200.0	201.4	
40 Methylene Chloride	84	2.996	3.004	-0.008	91	1051670	200.0	188.7	
59 Methyl tert-butyl ether	73	3.128	3.136	-0.008	96	3464729	200.0	208.1	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	96	1015594	200.0	201.9	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	1714769	200.0	200.7	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	100	1153964	200.0	208.1	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	539612	200.0	204.9	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	142950	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	99	1955797	200.0	200.2	
8 Cyclohexane	56	4.231	4.231	0.000	90	1221928	200.0	196.3	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	1876987	200.0	200.4	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	1508161	200.0	229.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.510	0.001	97	4245708	200.0	204.2	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	1044133	200.1	220.8	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	1625397	200.0	201.8	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	842758	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	96	1229524	200.0	199.7	
55 Methylcyclohexane	83	5.029	5.029	0.000	94	1294399	200.0	193.8	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	88	1028716	200.0	198.2	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	1587796	200.0	203.1	
10 cis-1,3-Dichloropropene	75	5.581	5.589	-0.008	93	1847837	200.0	211.6	
45 4-Methyl-2-pentanone (MIBK	43	5.663	5.679	-0.016	96	1109592	200.0	210.8	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	2646801	200.1	213.3	
30 Toluene	91	5.762	5.770	-0.008	93	4790510	200.0	208.5	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	97	1832520	200.0	216.5	
35 1,1,2-Trichloroethane	97	6.050	6.058	-0.008	94	1137809	200.0	206.7	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	1104931	200.0	202.3	
7 2-Hexanone	43	6.173	6.181	-0.008	96	771404	200.0	219.7	
32 Chlorodibromomethane	129	6.280	6.288	-0.008	98	1573404	200.0	204.7	
48 Ethylene Dibromide	107	6.371	6.370	0.001	99	1215382	200.0	205.5	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	818346	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	96	3283505	200.0	199.9	
62 Ethylbenzene	106	6.667	6.667	0.000	97	1661730	200.0	205.6	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	4314409	200.0	436.1	
25 o-Xylene	106	6.971	6.971	0.000	94	2122666	200.0	214.6	
17 Styrene	104	6.988	6.988	0.000	96	3735852	200.0	219.2	
51 Bromoform	173	7.120	7.128	-0.008	99	1286133	200.0	219.4	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	4702560	200.0	199.2	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	1572345	200.1	200.5	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	97	1541999	200.0	206.8	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	2546704	200.0	203.0	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	97	2644703	200.0	204.8	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	99	2515958	200.0	201.8	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	298967	200.0	204.0	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	94	1328370	200.0	201.7	
S 9 Xylenes, Total	106				0	2122666	200.0	214.6	

Reagents:

VMC4.2SU_00111	Amount Added: 10.00	Units: uL	
VMC4.2Oi_00109	Amount Added: 10.00	Units: uL	
VMCLPFREOW_00107	Amount Added: 10.00	Units: uL	
VMC4.2_00127	Amount Added: 10.00	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45688.D

Injection Date: 07-Jul-2016 04:51:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD200

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

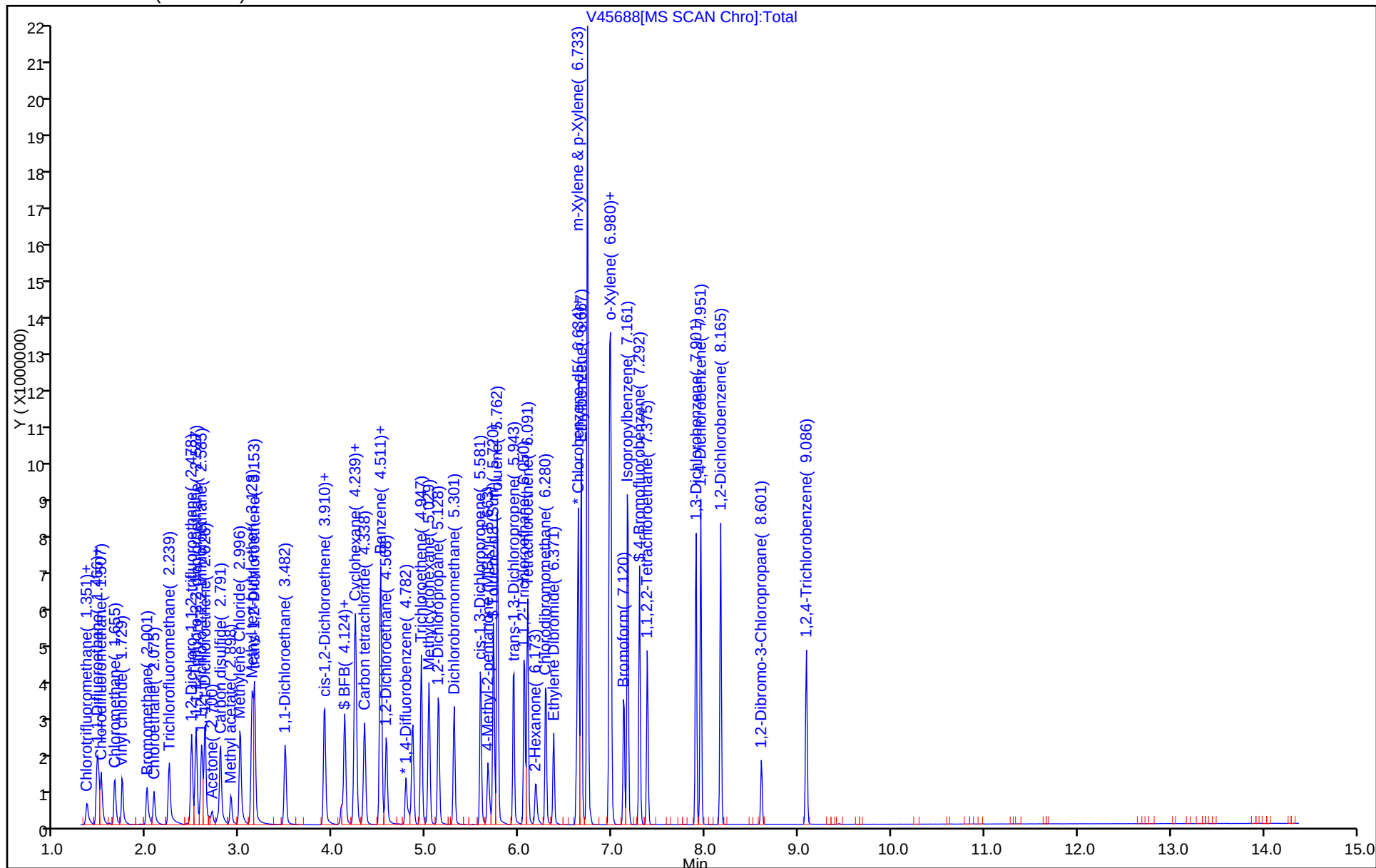
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Lims ID: STD50
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 07-Jul-2016 06:17:30 ALS Bottle#: 9 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0042999-009
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last Ical File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: baronm

Date: 14-Jul-2016 11:29:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	85	25262	50.0	51.7	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	64	52618	50.0	47.7	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	84	71080	50.0	48.7	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	221838	50.0	46.1	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	99	167591	50.0	47.9	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	98	286162	50.0	42.3	
39 Chloromethane	50	1.655	1.655	0.000	99	271838	50.0	46.9	
12 Vinyl chloride	62	1.737	1.737	0.000	99	250061	50.0	49.2	
65 Bromomethane	94	2.000	2.000	0.000	98	147094	50.0	52.8	
23 Chloroethane	64	2.075	2.075	0.000	100	159421	50.0	47.2	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	369188	50.0	48.7	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	213761	50.0	44.7	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	267314	50.0	46.8	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	93	185245	50.0	48.8	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	99	206544	50.0	50.9	
14 Acetone	43	2.700	2.700	0.000	86	77549	50.0	35.8	
3 Carbon disulfide	76	2.790	2.790	0.000	100	629541	50.0	48.0	
50 Methyl acetate	43	2.906	2.906	0.000	99	215968	50.0	49.9	
40 Methylene Chloride	84	3.004	3.004	0.000	93	259321	50.0	48.5	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	820268	50.0	51.4	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	96	234915	50.0	48.7	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	399976	50.0	48.8	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	100	264113	50.0	49.7	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	122734	50.0	48.6	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	80	137080	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	99	459121	50.0	49.0	
8 Cyclohexane	56	4.231	4.231	0.000	89	303221	50.0	51.6	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	419597	50.0	47.4	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	305950	50.0	49.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.510	4.510	0.000	96	956159	50.0	48.7	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	189628	50.0	41.8	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	387268	50.0	50.1	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	796500	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	96	275713	50.0	47.4	
55 Methylcyclohexane	83	5.029	5.029	0.000	93	327794	50.0	51.9	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	87	232550	50.0	47.4	
20 Dichlorobromomethane	83	5.301	5.301	0.000	98	368773	50.0	49.9	
10 cis-1,3-Dichloropropene	75	5.589	5.589	0.000	92	418856	50.0	50.8	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	96	244636	50.0	49.5	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	527563	50.0	45.3	
30 Toluene	91	5.770	5.770	0.000	93	1041896	50.0	48.3	
24 trans-1,3-Dichloropropene	75	5.942	5.942	0.000	96	398353	50.0	49.8	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	257781	50.0	49.5	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	224367	50.0	43.7	
7 2-Hexanone	43	6.181	6.181	0.000	96	162572	50.0	49.3	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	350180	50.0	48.5	
48 Ethylene Dibromide	107	6.370	6.370	0.000	99	280847	50.0	50.5	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	85	768781	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	742229	50.0	48.1	
62 Ethylbenzene	106	6.667	6.667	0.000	97	356743	50.0	47.0	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	909634	50.0	97.9	
25 o-Xylene	106	6.971	6.971	0.000	94	454875	50.0	48.9	
17 Styrene	104	6.988	6.988	0.000	96	805385	50.0	50.3	
51 Bromoform	173	7.128	7.128	0.000	98	282771	50.0	51.0	
42 Isopropylbenzene	105	7.169	7.169	0.000	95	1155317	50.0	52.1	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	359929	50.0	48.9	
29 1,1,2,2-Tetrachloroethane	83	7.374	7.374	0.000	96	346999	50.0	49.5	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	98	623230	50.0	52.9	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.000	97	638629	50.0	52.6	
2 1,2-Dichlorobenzene	146	8.164	8.164	0.000	98	611043	50.0	52.2	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	93	67355	50.0	48.9	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	318728	50.0	51.5	
S 9 Xylenes, Total	106				0	454875	50.0	48.9	

Reagents:

VMC4.2SU_00111	Amount Added: 2.50	Units: uL	
VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2_00127	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45691.D

Injection Date: 07-Jul-2016 06:17:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD50

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

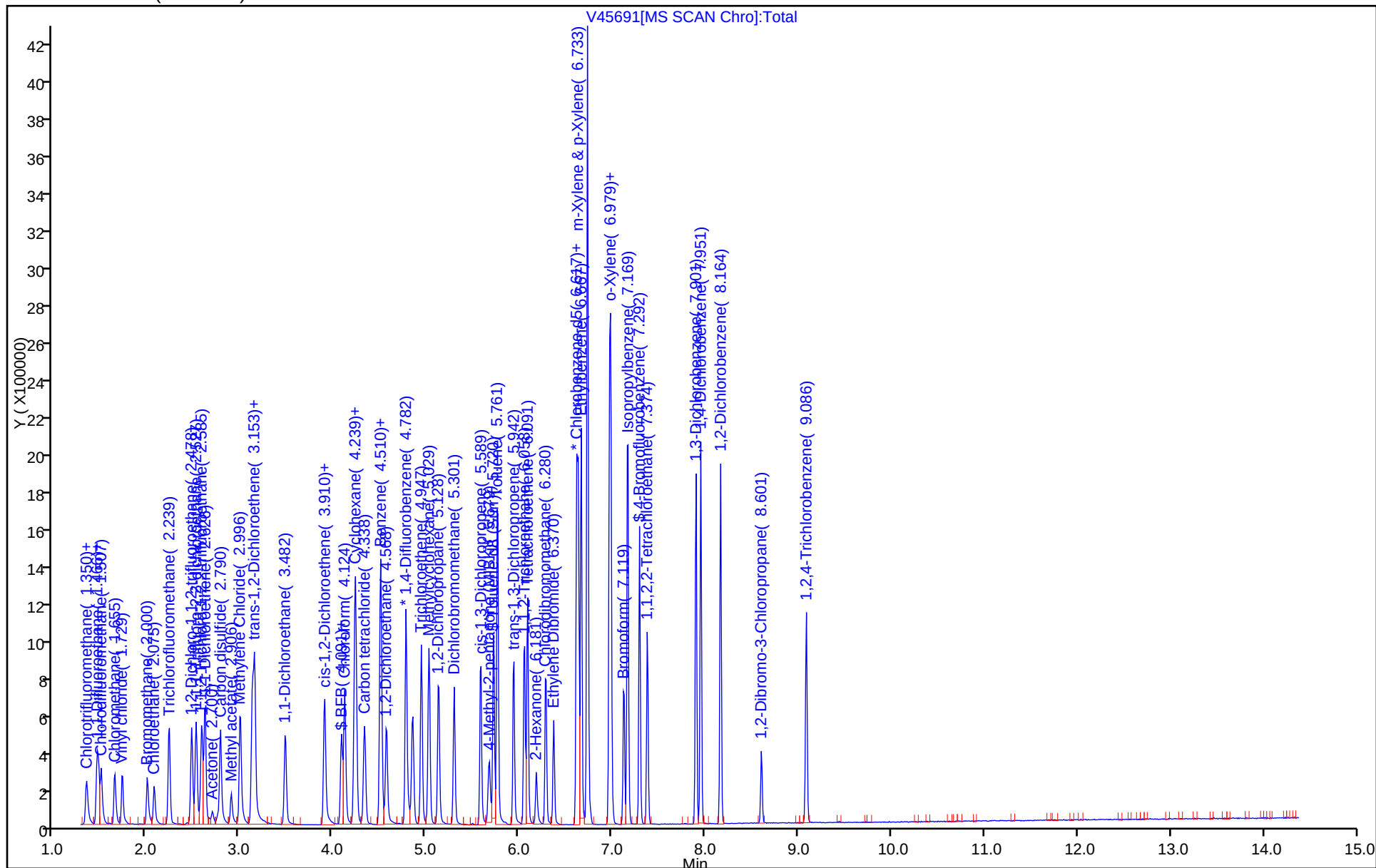
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-116243-1

SDG No.: _____

Lab Sample ID: CCVIS 460-377886/2 Calibration Date: 07/07/2016 20:10

Instrument ID: CVOAMS7 Calib Start Date: 07/07/2016 03:38

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/07/2016 06:17

Lab File ID: V45714.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
Chlorotrifluoromethane	Ave	0.4023	0.4923		61.2	50.0	22.4	
Monochloropentafluoroethane	Ave	0.1783	0.2408		67.6	50.0	35.1	
Chlorotrifluoroethene	Ave	0.5322	0.6620		62.2	50.0	24.4	
1,1-Difluoroethane	Ave	1.755	1.749		49.8	50.0	-0.4	
Dichlorodifluoromethane	Ave	1.276	1.310	0.0100	51.3	50.0	2.7	
Chlorodifluoromethane	Ave	2.470	2.413		48.9	50.0	-2.3	
Chloromethane	Ave	2.115	1.944	0.0100	45.9	50.0	-8.1	
Vinyl chloride	Ave	1.853	1.804	0.1000	48.7	50.0	-2.6	25.0
Bromomethane	Ave	1.016	1.082	0.1000	53.3	50.0	6.5	25.0
Chloroethane	Ave	1.231	1.114	0.0100	45.2	50.0	-9.6	
Trichlorofluoromethane	Ave	2.765	3.056	0.0100	55.3	50.0	10.5	
1,2-Dichloro-1,1,2-trifluoroethane	Ave	1.745	1.815		52.0	50.0	4.0	
1,1,1-Trifluoro-2,2-dichloroethane	Ave	2.083	2.212		53.1	50.0	6.2	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.385	1.591	0.0100	57.4	50.0	14.9	
1,1-Dichloroethene	Ave	1.481	1.532	0.1000	51.7	50.0	3.5	25.0
Acetone	Ave	0.7892	0.6766	0.0100	41.3	50.0	-14.3	
Carbon disulfide	Ave	4.784	4.847	0.0100	50.7	50.0	1.3	
Methyl acetate	Ave	1.580	1.448	0.0100	46.0	50.0	-8.4	
Methylene Chloride	Ave	1.950	1.890	0.0100	48.5	50.0	-3.0	
Methyl tert-butyl ether	Ave	5.823	5.988	0.0100	51.4	50.0	2.8	
trans-1,2-Dichloroethene	Ave	1.759	1.803	0.0100	51.3	50.0	2.5	
1,1-Dichloroethane	Ave	2.989	2.802	0.2000	46.9	50.0	-6.3	25.0
cis-1,2-Dichloroethene	Ave	1.939	1.915	0.0100	49.4	50.0	-1.2	
2-Butanone (MEK)	Ave	0.9212	0.8167	0.0100	44.3	50.0	-11.3	
Chloroform	Ave	3.417	3.303	0.2000	48.3	50.0	-3.3	25.0
Cyclohexane	Ave	0.3692	0.3997	0.0100	54.1	50.0	8.2	
1,1,1-Trichloroethane	Ave	0.5558	0.5614	0.1000	50.5	50.0	1.0	25.0
Carbon tetrachloride	Ave	0.3902	0.4380	0.1000	56.3	50.0	12.2	25.0
Benzene	Ave	1.233	1.188	0.5000	48.1	50.0	-3.7	25.0
1,2-Dichloroethane	Ave	2.817	2.745	0.1000	48.7	50.0	-2.5	25.0
Trichloroethene	Ave	0.3653	0.3620	0.3000	49.5	50.0	-0.9	25.0
Methylcyclohexane	Ave	0.3964	0.4716	0.0100	59.5	50.0	19.0	
1,2-Dichloropropane	Ave	0.3079	0.2797	0.0100	45.4	50.0	-9.2	
Dichlorobromomethane	Ave	0.4638	0.4642	0.2000	50.0	50.0	0.0	25.0
cis-1,3-Dichloropropene	Ave	0.5181	0.5181	0.2000	50.0	50.0	0.0	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3217	0.2928	0.0100	45.5	50.0	-9.0	
Toluene	Ave	1.404	1.378	0.4000	49.1	50.0	-1.8	25.0
trans-1,3-Dichloropropene	Ave	0.5022	0.5031	0.1000	50.1	50.0	0.2	25.0
1,1,2-Trichloroethane	Ave	0.3266	0.3202	0.1000	49.0	50.0	-2.0	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-116243-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-377886/2 Calibration Date: 07/07/2016 20:10
 Instrument ID: CVOAMS7 Calib Start Date: 07/07/2016 03:38
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/07/2016 06:17
 Lab File ID: V45714.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
Tetrachloroethene	Ave	0.3337	0.3354	0.2000	50.3	50.0	0.5	25.0
2-Hexanone	Ave	0.2145	0.1939	0.0100	45.2	50.0	-9.6	
Chlorodibromomethane	Ave	0.4696	0.4706	0.1000	50.1	50.0	0.2	25.0
Ethylene Dibromide	Ave	0.3613	0.3685	0.0100	51.0	50.0	2.0	
Chlorobenzene	Ave	1.004	0.9590	0.5000	47.8	50.0	-4.5	25.0
Ethylbenzene	Ave	0.4939	0.4794	0.1000	48.5	50.0	-2.9	25.0
m-Xylene & p-Xylene	Ave	1.237	1.210	0.3000	100	50.0	-2.2	
o-Xylene	Ave	0.6045	0.5960	0.3000	49.3	50.0	-1.4	
Styrene	Ave	1.041	1.034	0.3000	49.7	50.0	-0.7	25.0
Bromoform	Ave	0.3478	0.3681	0.1000	52.9	50.0	5.8	25.0
Isopropylbenzene	Ave	1.442	1.550	0.0100	53.7	50.0	7.5	
1,1,2,2-Tetrachloroethane	Ave	0.4556	0.4311	0.3000	47.3	50.0	-5.4	25.0
1,3-Dichlorobenzene	Ave	0.7667	0.8400	0.6000	54.8	50.0	9.6	25.0
1,4-Dichlorobenzene	Ave	0.7891	0.8618	0.5000	54.6	50.0	9.2	25.0
1,2-Dichlorobenzene	Ave	0.7619	0.8194	0.4000	53.8	50.0	7.5	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0895	0.0908	0.0100	50.7	50.0	1.5	
1,2,4-Trichlorobenzene	Ave	0.4024	0.4458	0.2000	54.4	50.0	10.8	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.654	1.463	0.0100	44.3	50.0	-11.5	
Toluene-d8 (Surr)	Ave	0.7580	0.6635	0.0100	43.8	50.0	-12.5	
4-Bromofluorobenzene	Ave	0.4792	0.4860	0.2000	50.7	50.0	1.4	25.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45714.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 07-Jul-2016 20:10:30 ALS Bottle#: 2 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0043044-002
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 12-Jul-2016 23:56:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	87	30991	50.0	67.6	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	66	63354	50.0	61.2	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	92	85184	50.0	62.2	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	93	225080	50.0	49.8	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	168613	50.0	51.3	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	98	310572	50.0	48.9	
39 Chloromethane	50	1.655	1.655	0.000	99	250170	50.0	45.9	
12 Vinyl chloride	62	1.737	1.737	0.000	99	232201	50.0	48.7	
65 Bromomethane	94	2.001	2.001	0.000	98	139255	50.0	53.3	
23 Chloroethane	64	2.075	2.075	0.000	100	143298	50.0	45.2	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	393222	50.0	55.3	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	233599	50.0	52.0	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	284599	50.0	53.1	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	96	204701	50.0	57.4	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	99	197156	50.0	51.7	
14 Acetone	43	2.700	2.700	0.000	85	87072	50.0	41.3	
3 Carbon disulfide	76	2.791	2.791	0.000	100	623707	50.0	50.7	
50 Methyl acetate	43	2.906	2.906	0.000	99	186314	50.0	46.0	
40 Methylene Chloride	84	3.005	3.005	0.000	89	243272	50.0	48.5	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	770530	50.0	51.4	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	94	232081	50.0	51.3	
\$ 36 BFB									
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	360538	50.0	46.9	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	246461	50.0	49.4	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	98	105103	50.0	44.3	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	76	128686	50.0	50.0	
31 Chloroform	83	4.124	4.124	0.000	99	425102	50.0	48.3	
8 Cyclohexane	56	4.231	4.231	0.000	88	293234	50.0	54.1	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	411922	50.0	50.5	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	321362	50.0	56.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.511	0.000	96	871331	50.0	48.1	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	188447	50.0	44.3	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	353250	50.0	48.7	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	733696	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	265566	50.0	49.5	
55 Methylcyclohexane	83	5.029	5.029	0.000	93	346002	50.0	59.5	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	87	205221	50.0	45.4	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	340585	50.0	50.0	
10 cis-1,3-Dichloropropene	75	5.580	5.580	0.000	92	380106	50.0	50.0	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	95	208362	50.0	45.5	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	472376	50.0	43.8	
30 Toluene	91	5.762	5.762	0.000	93	980934	50.0	49.1	
24 trans-1,3-Dichloropropene	75	5.943	5.943	0.000	96	369144	50.0	50.1	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	234894	50.0	49.0	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	238715	50.0	50.3	
7 2-Hexanone	43	6.181	6.181	0.000	94	137977	50.0	45.2	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	334920	50.0	50.1	
48 Ethylene Dibromide	107	6.371	6.371	0.000	99	262238	50.0	51.0	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	711661	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	682509	50.0	47.8	
62 Ethylbenzene	106	6.667	6.667	0.000	97	341160	50.0	48.5	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	861198	50.0	100.1	
25 o-Xylene	106	6.971	6.971	0.000	94	424114	50.0	49.3	
17 Styrene	104	6.988	6.988	0.000	96	736162	50.0	49.7	
51 Bromoform	173	7.128	7.128	0.000	98	270099	50.0	52.9	
42 Isopropylbenzene	105	7.169	7.169	0.000	95	1103289	50.0	53.7	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	345989	50.0	50.7	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.375	0.000	95	306799	50.0	47.3	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	597827	50.0	54.8	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.000	97	613295	50.0	54.6	
2 1,2-Dichlorobenzene	146	8.165	8.165	0.000	99	583114	50.0	53.8	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	91	64639	50.0	50.7	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	92	317290	50.0	54.4	
S 9 Xylenes, Total	106				0	424114	50.0	49.3	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2_00127	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45714.D

Injection Date: 07-Jul-2016 20:10:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

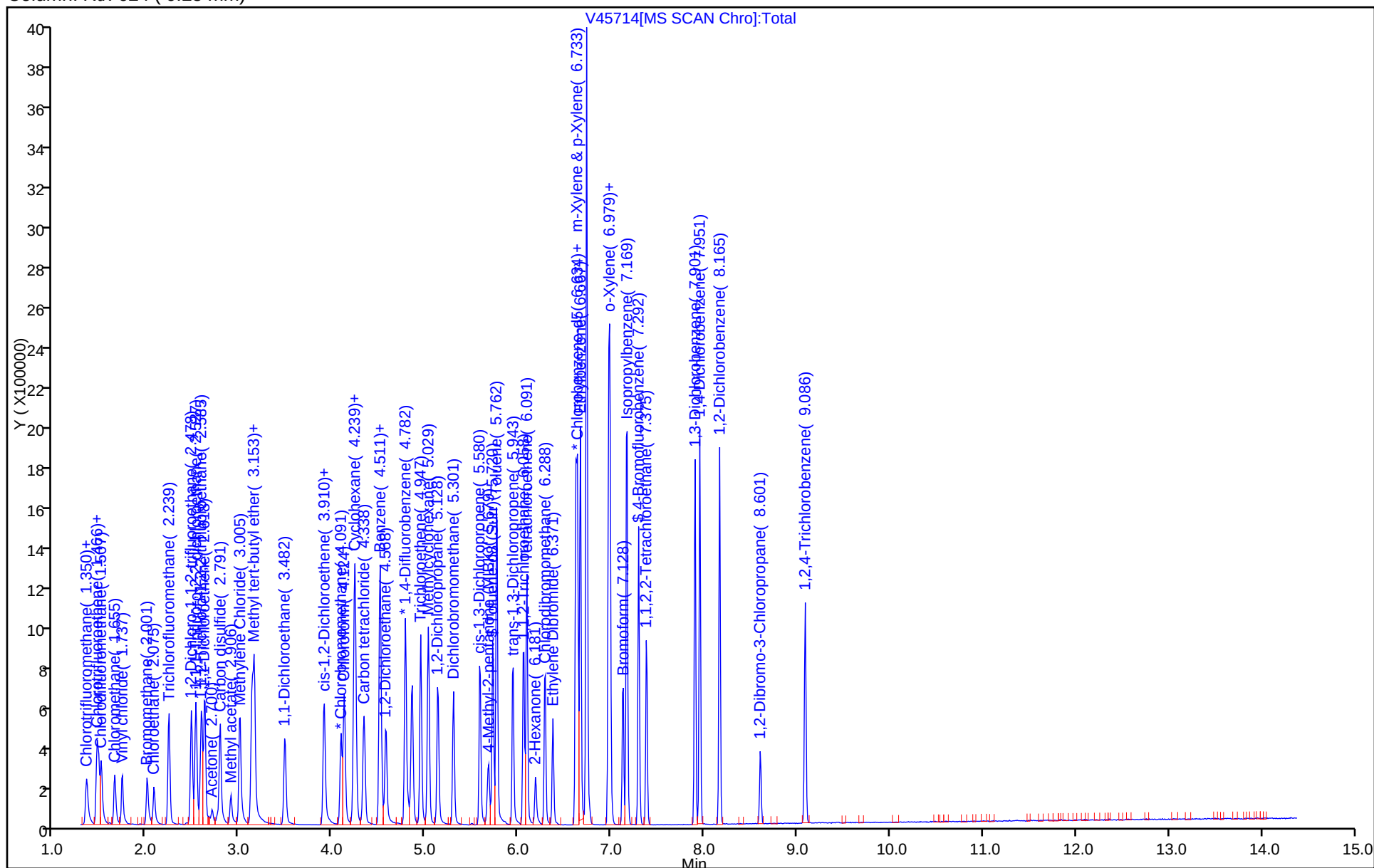
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45683.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Jul-2016 02:48:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0042999-001
Operator ID: Instrument ID: CVOAMS7
Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
Limit Group: VOA OLM04.2 LL Water ICAL
Last Update: 07-Jul-2016 19:56:43 Calib Date: 07-Jul-2016 06:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Continuing Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 36 BFB

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

BFB_00011

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45683.D

Injection Date: 07-Jul-2016 02:48:30

Instrument ID: CVOAMS7

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 mL

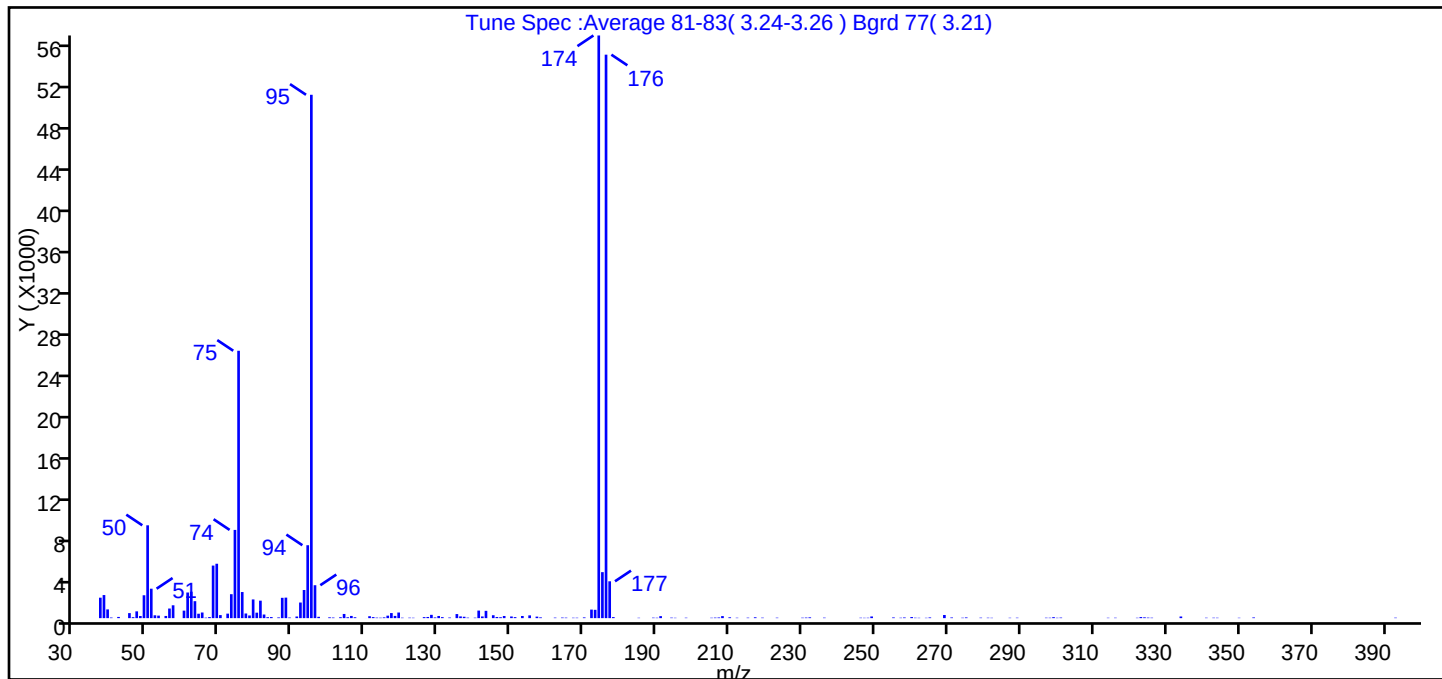
Dil. Factor: 1.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Tune Method: BFB Method CLP OLM4.2

\$ 36 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	base peak, 100 percent relative abundance	100
50	8.0-40.0 percent of mass 95	17.7
75	30.0-66.0 percent of mass 95	51.1
96	5.0-9.0 percent of mass 95	6.3
173	less than 2.0 percent of mass 174	1.6 (1.4)
174	50.0-120.0 percent of mass 95	111
175	4.0-9.0 percent of mass 174	8.8 (7.9)
176	93.0-101.0 percent of mass 174	108 (96.7)
177	5.0-9.0 percent of mass 176	7.0 (6.5)

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\45683.D\OLM04.2LLW7.rslt\spectra.d
Injection Date: 07-Jul-2016 02:48:30
Spectrum: Tune Spec :Average 81-83(3.24-3.26) Bgrd 77(3.21)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 171

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1995	88.00	2001	143.00	712	232.00	78
38.00	2252	89.00	60	145.00	284	236.00	47
39.00	853	91.00	159	146.00	113	246.00	41
40.00	59	92.00	1523	147.00	87	247.00	34
42.00	118	93.00	2744	148.00	210	248.00	39
45.00	491	94.00	7112	150.00	162	249.00	163
46.00	95	95.00	51048	151.00	99	255.00	68
47.00	663	96.00	3211	153.00	210	257.00	40
48.00	208	97.00	129	155.00	270	258.00	65
49.00	2232	100.00	78	157.00	148	260.00	106
50.00	9055	101.00	58	158.00	75	261.00	41
51.00	2872	103.00	87	162.00	51	262.00	34
52.00	278	104.00	408	164.00	56	264.00	34
53.00	245	105.00	86	165.00	48	265.00	69
55.00	214	106.00	216	167.00	40	269.00	307
56.00	938	107.00	85	168.00	41	271.00	65
57.00	1254	110.00	3	170.00	71	274.00	41
60.00	733	111.00	188	172.00	834	275.00	69
61.00	2501	112.00	101	173.00	812	279.00	47
62.00	2582	113.00	50	174.00	56832	281.00	42
63.00	1654	114.00	42	175.00	4486	282.00	35
64.00	430	115.00	76	176.00	54960	287.00	37
65.00	550	116.00	242	177.00	3594	289.00	43
66.00	48	117.00	495	178.00	100	297.00	43
67.00	104	118.00	218	185.00	36	298.00	40
68.00	5128	119.00	548	189.00	48	299.00	94
69.00	5306	120.00	44	190.00	39	300.00	36
70.00	298	122.00	45	191.00	196	301.00	54
72.00	440	123.00	38	194.00	49	314.00	38
73.00	2336	126.00	99	195.00	35	316.00	41
74.00	8606	127.00	114	198.00	43	322.00	36
75.00	26080	128.00	323	205.00	39	323.00	105
76.00	2546	129.00	68	206.00	53	324.00	77

Report Date: 07-Jul-2016 19:56:43

Chrom Revision: 2.2 20-Apr-2016 13:59:46

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\45683.D\OLM04.2LLW7.rslt\spectra.d

Injection Date: 07-Jul-2016 02:48:30

Spectrum: Tune Spec :Average 81-83(3.24-3.26) Bgrd 77(3.21)

Base Peak: 174.00

Minimum % Base Peak: 0

Number of Points: 171

m/z	Y	m/z	Y	m/z	Y	m/z	Y
77.00	453	130.00	210	207.00	65	325.00	52
78.00	261	131.00	98	208.00	199	326.00	43
79.00	1825	133.00	59	210.00	81	334.00	160
80.00	534	135.00	398	212.00	40	341.00	41
81.00	1704	136.00	170	215.00	47	343.00	42
82.00	354	137.00	135	217.00	83	344.00	39
83.00	93	138.00	49	219.00	47	350.00	37
84.00	103	140.00	46	223.00	45	354.00	68
86.00	70	141.00	737	230.00	44	393.00	45
87.00	1983	142.00	165	231.00	55		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45713.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Jul-2016 19:41:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0043044-001
Operator ID: Instrument ID: CVOAMS7
Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
Limit Group: VOA OLM04.2 LL Water ICAL
Last Update: 08-Jul-2016 20:02:27 Calib Date: 07-Jul-2016 06:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Continuing Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: boykink

Date: 07-Jul-2016 19:56:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 36 BFB

\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.469	4.469	0.000	0	130	NR	NR	7

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

8 - Failed MS Tune Ratio Test

Review Flags

M - Manually Integrated

Reagents:

BFB_00011

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45713.D

Injection Date: 07-Jul-2016 19:41:30

Instrument ID: CVOAMS7

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

1.0000

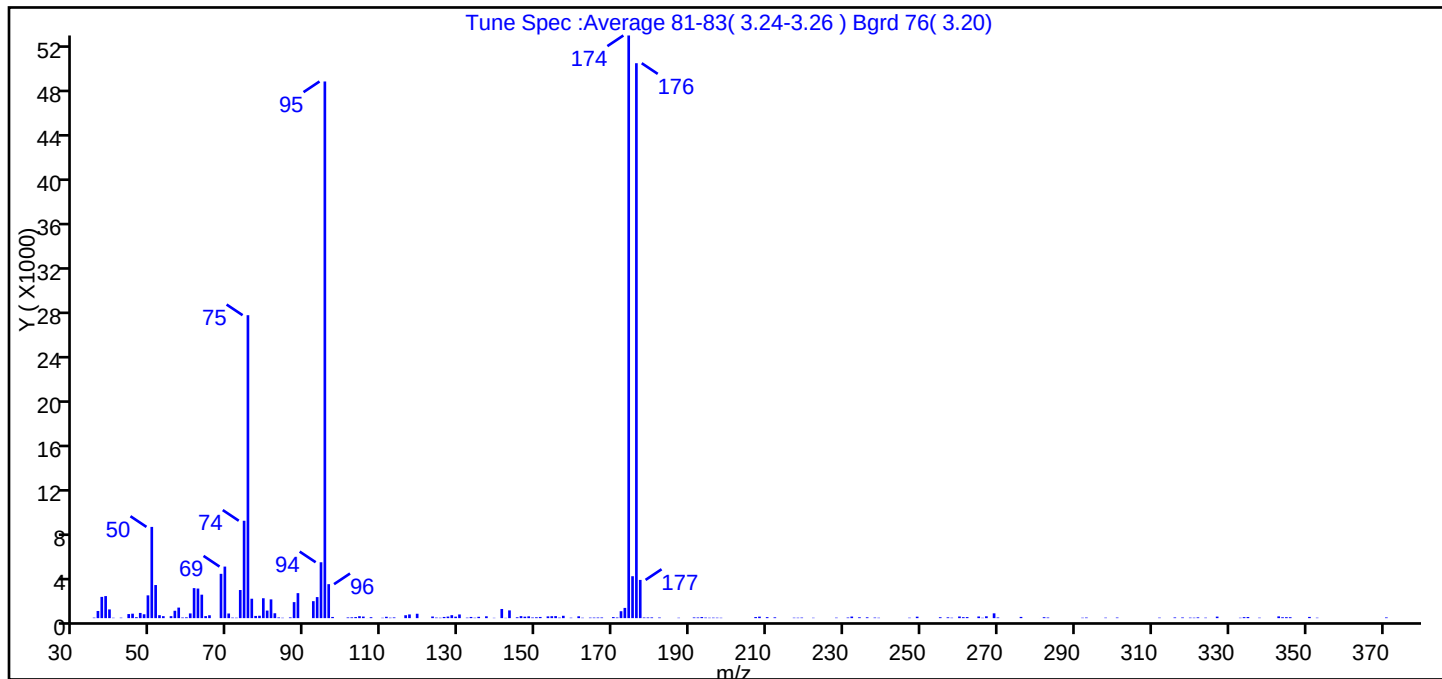
Method: OLM04.2LLW7

Limit Group:

VOA OLM04.2 LL Water ICAL

Tune Method: BFB Method CLP OLM4.2

\$ 36 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	base peak, 100 percent relative abundance	100
50	8.0-40.0 percent of mass 95	17.0
75	30.0-66.0 percent of mass 95	56.4
96	5.0-9.0 percent of mass 95	6.3
173	less than 2.0 percent of mass 174	1.9 (1.8)
174	50.0-120.0 percent of mass 95	109
175	4.0-9.0 percent of mass 174	7.8 (7.2)
176	93.0-101.0 percent of mass 174	103 (95.2)
177	5.0-9.0 percent of mass 176	7.1 (6.9)

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\45713.D\OLM04.2LLW7.rslt\spectra.d
Injection Date: 07-Jul-2016 19:41:30
Spectrum: Tune Spec :Average 81-83(3.24-3.26) Bgrd 76(3.20)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 180

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	45	86.00	65	150.00	77	232.00	143
36.00	647	87.00	1446	151.00	107	234.00	76
37.00	1918	88.00	2257	153.00	159	236.00	75
38.00	1991	92.00	1532	154.00	175	238.00	51
39.00	788	93.00	1900	155.00	184	239.00	35
40.00	34	94.00	5044	156.00	47	247.00	39
42.00	42	95.00	48440	157.00	212	249.00	131
44.00	367	96.00	3067	159.00	39	255.00	82
45.00	403	97.00	107	161.00	166	257.00	74
46.00	85	101.00	63	162.00	37	258.00	38
47.00	470	102.00	72	164.00	47	260.00	148
48.00	351	103.00	96	165.00	50	261.00	87
49.00	2057	104.00	175	166.00	55	262.00	95
50.00	8235	105.00	142	167.00	59	265.00	149
51.00	2988	106.00	4	170.00	94	266.00	33
52.00	268	107.00	83	171.00	57	267.00	166
53.00	179	110.00	34	172.00	625	269.00	434
55.00	179	111.00	123	173.00	924	270.00	61
56.00	666	112.00	40	174.00	52592	276.00	111
57.00	952	113.00	65	175.00	3785	281.00	1
58.00	56	116.00	262	176.00	50088	282.00	83
59.00	71	117.00	335	177.00	3451	283.00	54
60.00	426	119.00	397	178.00	58	292.00	38
61.00	2710	123.00	148	179.00	61	293.00	53
62.00	2671	124.00	49	180.00	66	298.00	43
63.00	2118	125.00	36	182.00	54	301.00	54
64.00	183	126.00	107	187.00	35	312.00	45
65.00	260	127.00	141	191.00	63	316.00	63
68.00	4000	128.00	269	192.00	59	318.00	61
69.00	4654	129.00	134	193.00	97	320.00	46
70.00	419	130.00	333	194.00	48	321.00	40
71.00	47	132.00	44	195.00	37	322.00	70
72.00	38	133.00	108	196.00	44	324.00	43

Report Date: 08-Jul-2016 20:02:31

Chrom Revision: 2.2 20-Apr-2016 13:59:46

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45713.D\OLM04.2LLW7.rslt\spectra.d

Injection Date: 07-Jul-2016 19:41:30

Spectrum: Tune Spec :Average 81-83(3.24-3.26) Bgrd 76(3.20)

Base Peak: 174.00

Minimum % Base Peak: 0

Number of Points: 180

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	2538	134.00	37	197.00	41	327.00	137
74.00	8792	135.00	120	198.00	34	333.00	35
75.00	27344	137.00	167	207.00	97	334.00	89
76.00	1753	139.00	28	208.00	135	335.00	100
77.00	200	141.00	827	210.00	90	338.00	41
78.00	217	142.00	25	212.00	74	343.00	159
79.00	1796	143.00	700	217.00	40	344.00	80
80.00	684	145.00	77	218.00	38	345.00	86
81.00	1694	146.00	181	219.00	50	346.00	83
82.00	440	147.00	132	222.00	34	351.00	111
83.00	62	148.00	162	228.00	43	353.00	39
84.00	34	149.00	58	231.00	55	371.00	64

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-377690/14

Matrix: Water Lab File ID: V45696.D

Analysis Method: OLM04.2/VOL Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 08:16

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.: 377690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-377690/14
Matrix: Water Lab File ID: V45696.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 08:16
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.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		76-114
2037-26-5	Toluene-d8 (Surr)	101		88-110
460-00-4	4-Bromofluorobenzene	100		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45696.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 07-Jul-2016 08:16:30 ALS Bottle#: 14 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0042999-014
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:18:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	78	132168	50.0	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	196741	50.0	53.8	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	748736	50.0	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	493529	50.0	50.6	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	710973	50.0	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	333921	50.0	50.2	

Reagents:

VMC4.2SU_00111 Amount Added: 2.50 Units: uL
 VMC4.2ISi_00116 Amount Added: 5.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45696.D

Injection Date: 07-Jul-2016 08:16:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: MB

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

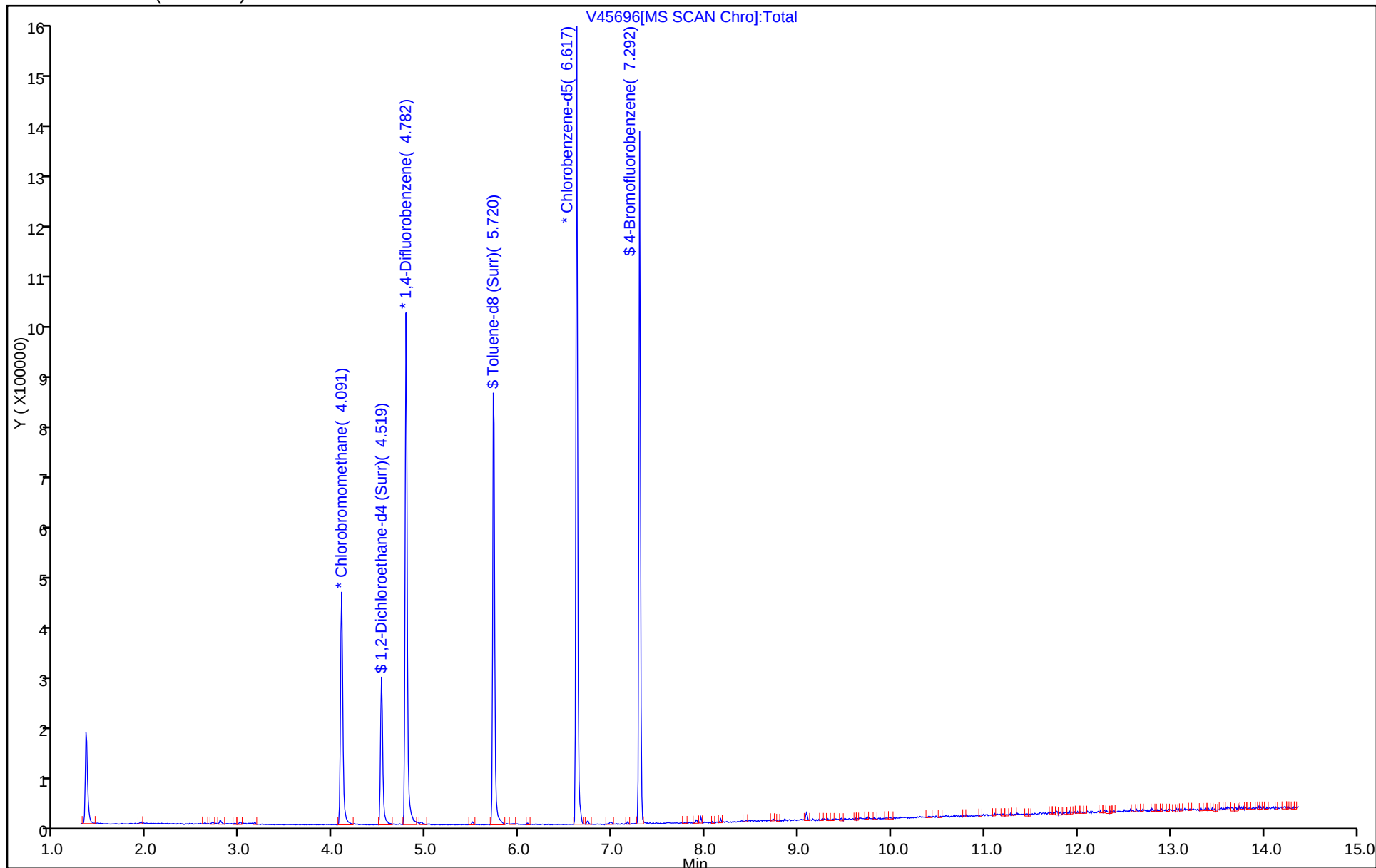
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-377886/7

Matrix: Water Lab File ID: V45719.D

Analysis Method: OLM04.2/VOL Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 22:10

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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-377886/7
Matrix: Water Lab File ID: V45719.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 22:10
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		76-114
2037-26-5	Toluene-d8 (Surr)	99		88-110
460-00-4	4-Bromofluorobenzene	98		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45719.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 07-Jul-2016 22:10:30 ALS Bottle#: 7 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0043044-007
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:47:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	76	117360	50.0	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	174049	50.0	50.7	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	671862	50.0	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	427520	50.0	49.7	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	648003	50.0	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	308774	50.0	49.0	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45719.D

Injection Date: 07-Jul-2016 22:10:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

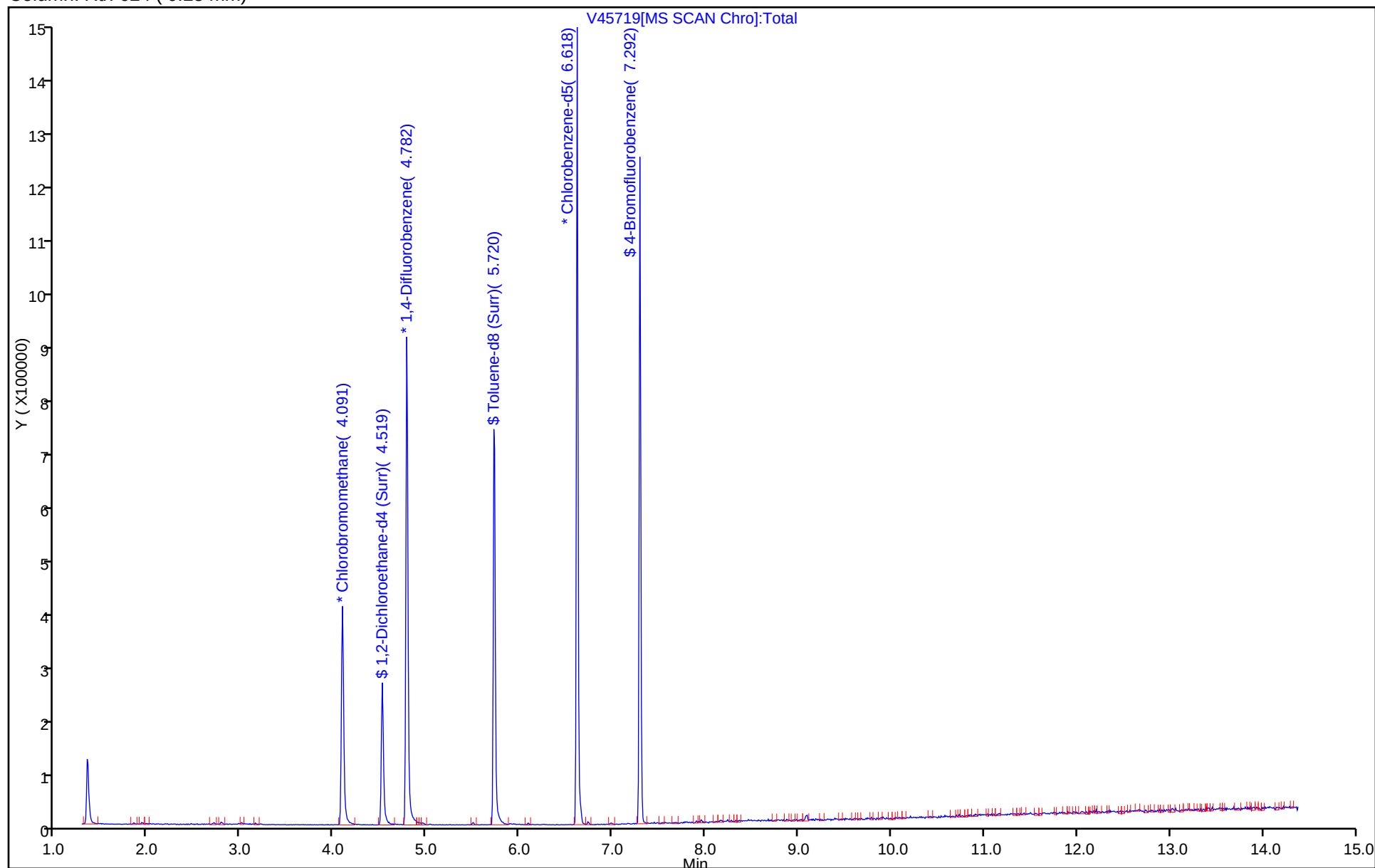
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: STOBLK 460-377886/30
 Matrix: Water Lab File ID: V45742.D
 Analysis Method: OLM04.2/VOL Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 07:26
 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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: STOBLK 460-377886/30
Matrix: Water Lab File ID: V45742.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 07:26
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		76-114
2037-26-5	Toluene-d8 (Surr)	100		88-110
460-00-4	4-Bromofluorobenzene	99		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45742.D
 Lims ID: STOBLK
 Client ID:
 Sample Type: STOBLK
 Inject. Date: 08-Jul-2016 07:26:30 ALS Bottle#: 30 Worklist Smp#: 30
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STOBLK
 Misc. Info.: 460-0043044-030
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: baronm

Date: 14-Jul-2016 12:37:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	73	113805	50.0	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	155998	50.0	46.8	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	597584	50.0	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	384789	50.0	50.2	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	83	577493	50.0	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	276960	50.0	49.3	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45742.D

Injection Date: 08-Jul-2016 07:26:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STOBLK

Worklist Smp#: 30

Client ID:

Purge Vol: 5.000 mL

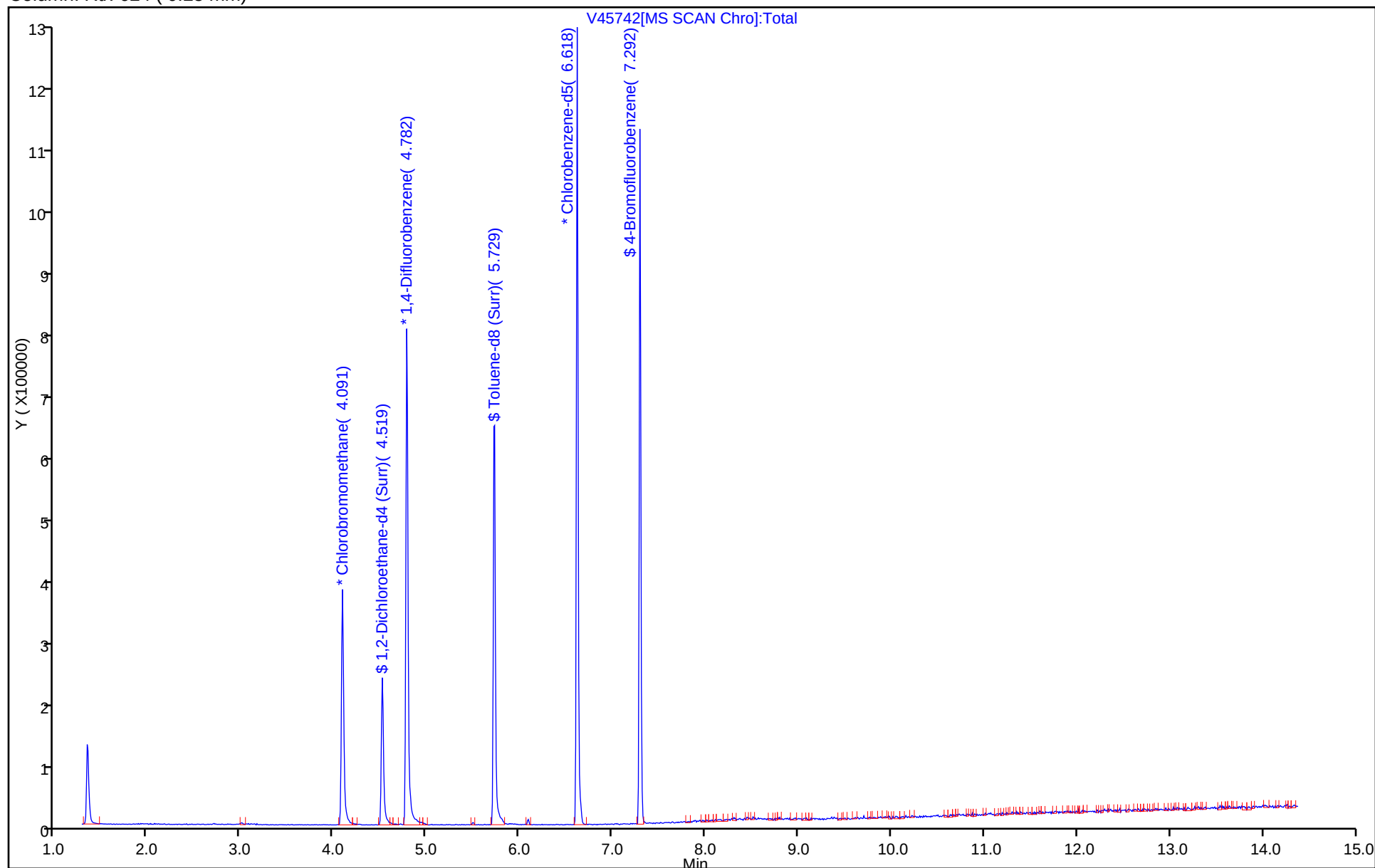
Dil. Factor: 1.0000

ALS Bottle#: 30

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-377690/10
 Matrix: Water Lab File ID: V45692.D
 Analysis Method: OLM04.2/VOL Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 06:40
 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.: 377690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	50.7		10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	50.6		10	0.10
79-00-5	1,1,2-Trichloroethane	51.1		10	0.10
75-34-3	1,1-Dichloroethane	51.1		10	0.10
75-35-4	1,1-Dichloroethene	49.5		10	0.10
107-06-2	1,2-Dichloroethane	49.9		10	0.10
78-87-5	1,2-Dichloropropane	51.7		10	0.10
78-93-3	2-Butanone (MEK)	52.7		10	0.10
591-78-6	2-Hexanone	52.7		10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	51.1		10	0.10
67-64-1	Acetone	63.3		10	0.10
71-43-2	Benzene	51.2		10	0.10
75-27-4	Dichlorobromomethane	50.3		10	0.10
75-25-2	Bromoform	50.7		10	0.10
74-83-9	Bromomethane	51.6		10	0.10
75-15-0	Carbon disulfide	51.1		10	0.10
56-23-5	Carbon tetrachloride	51.9		10	0.10
108-90-7	Chlorobenzene	51.0		10	0.10
124-48-1	Chlorodibromomethane	51.1		10	0.10
75-00-3	Chloroethane	51.6		10	0.10
67-66-3	Chloroform	51.0		10	0.10
74-87-3	Chloromethane	53.1		10	0.10
156-59-2	cis-1,2-Dichloroethene	49.6		10	0.10
10061-01-5	cis-1,3-Dichloropropene	50.3		10	0.10
100-41-4	Ethylbenzene	50.7		10	0.10
75-09-2	Methylene Chloride	49.5		10	0.10
100-42-5	Styrene	51.5		10	0.10
127-18-4	Tetrachloroethene	52.5		10	0.10
108-88-3	Toluene	52.0		10	0.10
156-60-5	trans-1,2-Dichloroethene	50.8		10	0.10
10061-02-6	trans-1,3-Dichloropropene	52.3		10	0.10
79-01-6	Trichloroethene	51.1		10	0.10
75-01-4	Vinyl chloride	51.8		10	0.10
1330-20-7	Xylenes, Total	153		10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-377690/10
Matrix: Water Lab File ID: V45692.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 06:40
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.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		76-114
2037-26-5	Toluene-d8 (Surr)	99		88-110
460-00-4	4-Bromofluorobenzene	103		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45692.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 07-Jul-2016 06:40:30 ALS Bottle#: 10 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0042999-010
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:17:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	88	31099	50.0	61.4	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	61	64357	50.0	61.0	
56 Chlorotrifluoroethene	116	1.458	1.457	0.001	84	88287	50.0	61.9	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	94	246018	50.0	55.3	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	97	179467	50.0	53.4	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	98	329339	50.0	57.4	
39 Chloromethane	50	1.655	1.655	0.000	100	289490	50.0	53.1	
12 Vinyl chloride	62	1.729	1.737	-0.008	99	259791	50.0	51.8	
65 Bromomethane	94	2.001	2.000	0.001	98	152091	50.0	51.6	
23 Chloroethane	64	2.075	2.075	0.001	100	165108	50.0	51.6	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	100	399761	50.0	54.0	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	91	243665	50.0	56.8	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	294815	50.0	55.0	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	94	208972	50.0	56.2	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	205090	50.0	49.5	
14 Acetone	43	2.700	2.700	0.000	85	98450	50.0	63.3	
3 Carbon disulfide	76	2.791	2.790	0.001	99	645679	50.0	51.1	
50 Methyl acetate	43	2.906	2.906	0.000	99	206469	50.0	47.7	
40 Methylene Chloride	84	3.005	3.004	0.001	92	257328	50.0	49.5	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	747238	50.0	45.4	
63 trans-1,2-Dichloroethene	96	3.161	3.153	0.008	95	239469	50.0	50.8	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	410119	50.0	51.1	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	98	262530	50.0	49.6	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	129741	50.0	52.7	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	137471	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	99	469417	50.0	51.0	
8 Cyclohexane	56	4.231	4.231	0.000	89	325542	50.0	53.5	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	96	426991	50.0	50.7	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	318389	50.0	51.9	
22 Benzene	78	4.511	4.510	0.001	96	981002	50.0	51.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	193079	50.0	50.8	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	387668	50.0	49.9	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	798721	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	282823	50.0	51.1	
55 Methylcyclohexane	83	5.029	5.029	0.000	94	350012	50.0	53.2	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	87	241165	50.0	51.7	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	372352	50.0	50.3	
10 cis-1,3-Dichloropropene	75	5.589	5.589	0.000	92	422872	50.0	50.3	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	96	251200	50.0	51.1	
\$ 38 Toluene-d8 (Surr)	98	5.721	5.720	0.001	99	522510	50.0	49.3	
30 Toluene	91	5.770	5.770	0.000	93	1089590	50.0	52.0	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	97	417622	50.0	52.3	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	264230	50.0	51.1	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	236886	50.0	52.5	
7 2-Hexanone	43	6.181	6.181	0.000	95	172379	50.0	52.7	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	359948	50.0	51.1	
48 Ethylene Dibromide	107	6.371	6.370	0.001	99	256193	50.0	45.4	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	85	772876	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	760402	50.0	51.0	
62 Ethylbenzene	106	6.667	6.667	0.000	97	363488	50.0	50.7	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	937124	100.0	102.5	
25 o-Xylene	106	6.971	6.971	0.000	94	464002	50.0	50.7	
17 Styrene	104	6.988	6.988	0.000	96	834084	50.0	51.5	
51 Bromoform	173	7.128	7.128	0.000	98	287777	50.0	50.7	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	1101214	50.0	47.4	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	373126	50.0	51.6	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	97	352763	50.0	50.6	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	98	565919	50.0	45.2	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	97	587645	50.0	45.8	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	98	559987	50.0	45.6	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	91	62783	50.0	46.4	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	307946	50.0	48.1	
S 9 Xylenes, Total	106				0	1401126	150.0	153.2	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

VMC4.2spk_00047	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45692.D

Injection Date: 07-Jul-2016 06:40:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: LCS

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

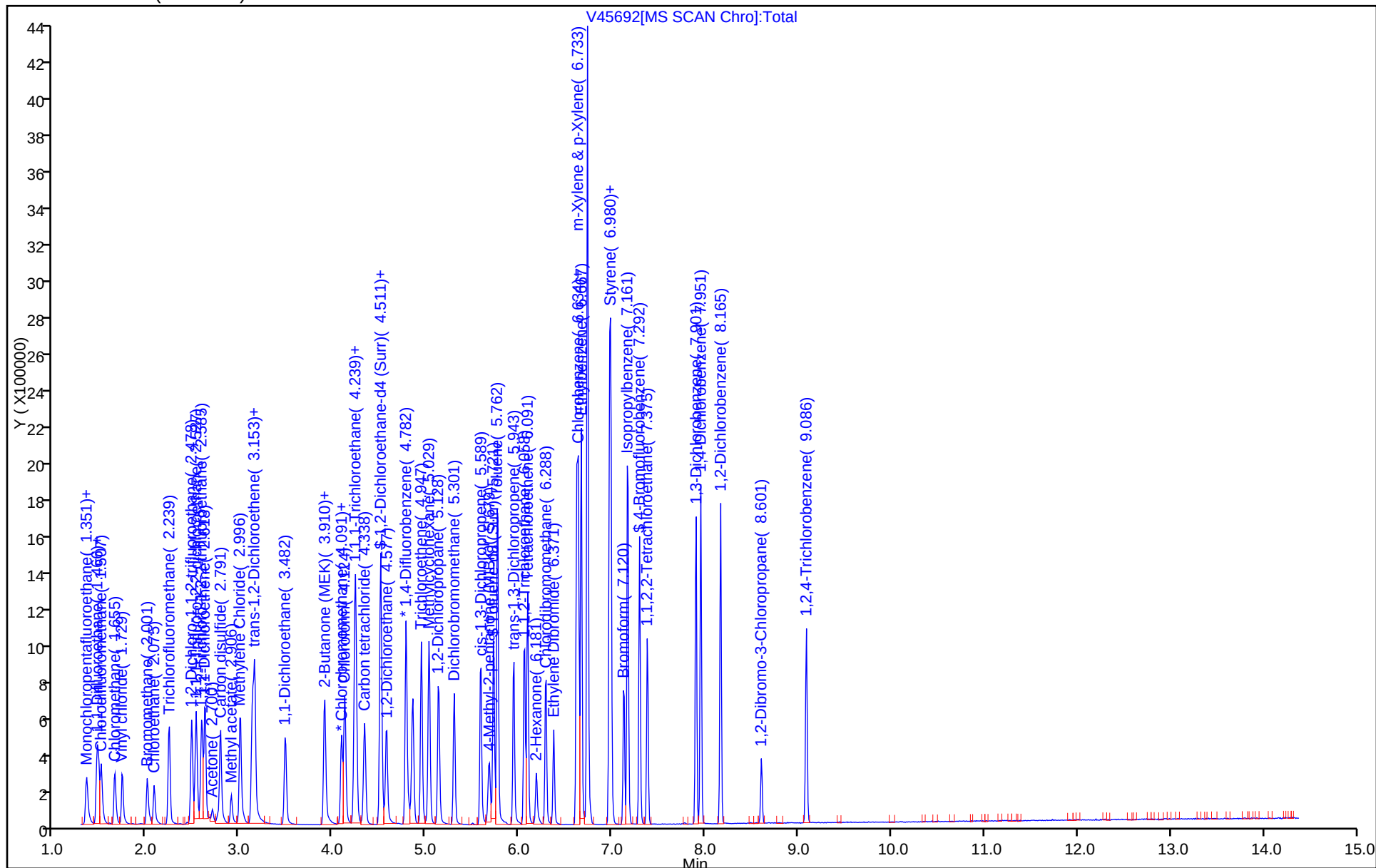
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-377886/3

Matrix: Water Lab File ID: V45715.D

Analysis Method: OLM04.2/VOL Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 20:34

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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	51.4		10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	51.6		10	0.10
79-00-5	1,1,2-Trichloroethane	51.3		10	0.10
75-34-3	1,1-Dichloroethane	51.1		10	0.10
75-35-4	1,1-Dichloroethene	51.0		10	0.10
107-06-2	1,2-Dichloroethane	50.8		10	0.10
78-87-5	1,2-Dichloropropane	50.7		10	0.10
78-93-3	2-Butanone (MEK)	54.5		10	0.10
591-78-6	2-Hexanone	53.2		10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	53.0		10	0.10
67-64-1	Acetone	46.4		10	0.10
71-43-2	Benzene	50.8		10	0.10
75-27-4	Dichlorobromomethane	50.0		10	0.10
75-25-2	Bromoform	50.0		10	0.10
74-83-9	Bromomethane	52.2		10	0.10
75-15-0	Carbon disulfide	48.3		10	0.10
56-23-5	Carbon tetrachloride	52.6		10	0.10
108-90-7	Chlorobenzene	51.5		10	0.10
124-48-1	Chlorodibromomethane	50.4		10	0.10
75-00-3	Chloroethane	51.7		10	0.10
67-66-3	Chloroform	50.6		10	0.10
74-87-3	Chloromethane	49.5		10	0.10
156-59-2	cis-1,2-Dichloroethene	50.1		10	0.10
10061-01-5	cis-1,3-Dichloropropene	50.1		10	0.10
100-41-4	Ethylbenzene	51.6		10	0.10
75-09-2	Methylene Chloride	47.1		10	0.10
100-42-5	Styrene	51.6		10	0.10
127-18-4	Tetrachloroethene	51.2		10	0.10
108-88-3	Toluene	51.9		10	0.10
156-60-5	trans-1,2-Dichloroethene	48.3		10	0.10
10061-02-6	trans-1,3-Dichloropropene	49.9		10	0.10
79-01-6	Trichloroethene	51.4		10	0.10
75-01-4	Vinyl chloride	50.7		10	0.10
1330-20-7	Xylenes, Total	156		10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-377886/3
Matrix: Water Lab File ID: V45715.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 20:34
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		76-114
2037-26-5	Toluene-d8 (Surr)	102		88-110
460-00-4	4-Bromofluorobenzene	100		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45715.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 07-Jul-2016 20:34:30 ALS Bottle#: 3 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0043044-003
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: baronm

Date: 14-Jul-2016 12:19:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	84	32322	50.0	53.1	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	58	64611	50.0	51.9	
56 Chlorotrifluoroethene	116	1.458	1.457	0.001	90	87247	50.0	52.1	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	94	220164	50.0	49.8	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	174496	50.0	52.7	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	308177	50.0	50.5	
39 Chloromethane	50	1.655	1.655	0.000	100	243363	50.0	49.5	
12 Vinyl chloride	62	1.737	1.737	0.000	99	231404	50.0	50.7	
65 Bromomethane	94	2.001	2.001	0.000	99	142706	50.0	52.2	
23 Chloroethane	64	2.075	2.075	0.000	99	145673	50.0	51.7	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	395559	50.0	51.2	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	88	226218	50.0	49.3	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	284022	50.0	50.8	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	94	196569	50.0	48.9	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	197700	50.0	51.0	
14 Acetone	43	2.700	2.700	0.000	86	79385	50.0	46.4	
3 Carbon disulfide	76	2.791	2.791	0.000	99	591915	50.0	48.3	
50 Methyl acetate	43	2.906	2.906	0.000	99	197445	50.0	53.9	
40 Methylene Chloride	84	2.996	3.005	-0.009	91	225152	50.0	47.1	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	766219	50.0	50.6	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	95	220146	50.0	48.3	
\$ 36 BFB									
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	362328	50.0	51.1	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	242598	50.0	50.1	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	112613	50.0	54.5	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	75	126420	50.0	50.0	
31 Chloroform	83	4.124	4.124	0.000	99	422867	50.0	50.6	
8 Cyclohexane	56	4.231	4.231	0.000	88	285674	50.0	49.0	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	420627	50.0	51.4	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	335947	50.0	52.6	
22 Benzene	78	4.511	4.511	0.000	96	880348	50.0	50.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	182268	50.0	49.3	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	352879	50.0	50.8	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	728976	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	271154	50.0	51.4	
55 Methylcyclohexane	83	5.029	5.029	0.000	93	319951	50.0	46.5	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	88	206665	50.0	50.7	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	338182	50.0	50.0	
10 cis-1,3-Dichloropropene	75	5.589	5.580	0.009	92	378280	50.0	50.1	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	96	218179	50.0	53.0	
\$ 38 Toluene-d8 (Surr)	98	5.721	5.720	0.001	98	475409	50.0	50.9	
30 Toluene	91	5.770	5.762	0.008	93	1005974	50.0	51.9	
24 trans-1,3-Dichloropropene	75	5.943	5.943	0.000	97	365741	50.0	49.9	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	93	239335	50.0	51.3	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	241393	50.0	51.2	
7 2-Hexanone	43	6.181	6.181	0.000	95	145150	50.0	53.2	
32 Chlorodibromomethane	129	6.288	6.288	0.000	97	333888	50.0	50.4	
48 Ethylene Dibromide	107	6.371	6.371	0.001	99	260369	50.0	50.2	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	703410	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	694911	50.0	51.5	
62 Ethylbenzene	106	6.667	6.667	0.000	97	347713	50.0	51.6	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	874236	100.0	104.3	
25 o-Xylene	106	6.971	6.971	0.000	94	433618	50.0	51.7	
17 Styrene	104	6.980	6.988	-0.008	96	750886	50.0	51.6	
51 Bromoform	173	7.120	7.128	-0.008	98	268596	50.0	50.0	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	1101297	50.0	50.5	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	343544	50.0	50.2	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.375	0.000	96	312759	50.0	51.6	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	598271	50.0	50.6	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.000	97	615629	50.0	50.8	
2 1,2-Dichlorobenzene	146	8.165	8.165	0.000	98	582603	50.0	50.5	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	66075	50.0	51.7	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	94	320243	50.0	51.1	
S 9 Xylenes, Total	106				0	1307854	150.0	156.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

VMC4.2spk_00047	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

Operator ID:

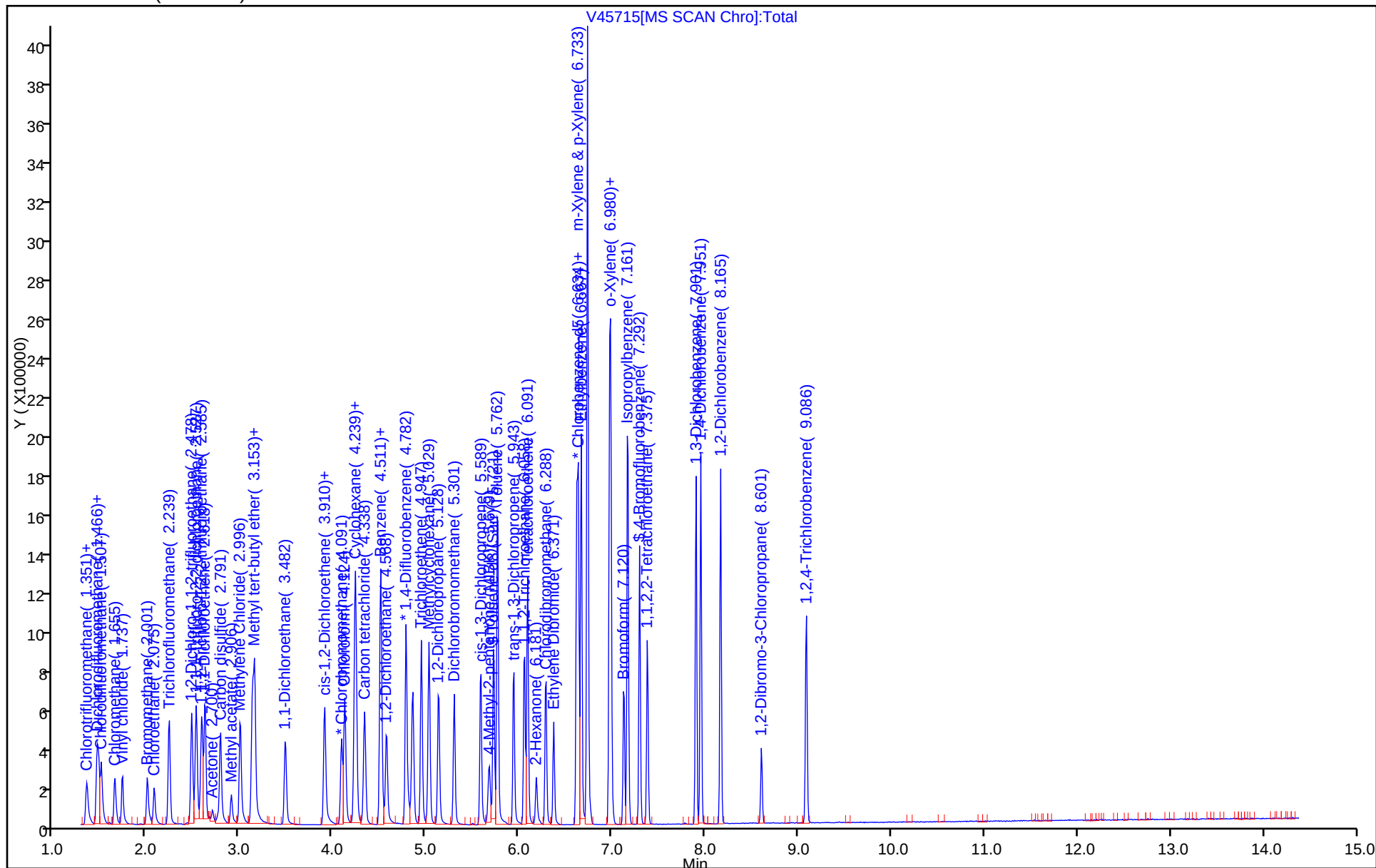
Worklist Smp#: 3

Client ID:

ALS Bottle#: 3

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-377690/11

Matrix: Water Lab File ID: V45693.D

Analysis Method: OLM04.2/VOL Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 07:04

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.: 377690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	48.4		10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	49.4		10	0.10
79-00-5	1,1,2-Trichloroethane	49.0		10	0.10
75-34-3	1,1-Dichloroethane	49.3		10	0.10
75-35-4	1,1-Dichloroethene	47.4		10	0.10
107-06-2	1,2-Dichloroethane	48.6		10	0.10
78-87-5	1,2-Dichloropropane	48.8		10	0.10
78-93-3	2-Butanone (MEK)	52.4		10	0.10
591-78-6	2-Hexanone	52.0		10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	50.4		10	0.10
67-64-1	Acetone	58.6		10	0.10
71-43-2	Benzene	48.9		10	0.10
75-27-4	Dichlorobromomethane	48.7		10	0.10
75-25-2	Bromoform	48.7		10	0.10
74-83-9	Bromomethane	51.1		10	0.10
75-15-0	Carbon disulfide	49.7		10	0.10
56-23-5	Carbon tetrachloride	49.1		10	0.10
108-90-7	Chlorobenzene	48.2		10	0.10
124-48-1	Chlorodibromomethane	49.5		10	0.10
75-00-3	Chloroethane	49.4		10	0.10
67-66-3	Chloroform	49.3		10	0.10
74-87-3	Chloromethane	50.3		10	0.10
156-59-2	cis-1,2-Dichloroethene	49.7		10	0.10
10061-01-5	cis-1,3-Dichloropropene	47.7		10	0.10
100-41-4	Ethylbenzene	47.5		10	0.10
75-09-2	Methylene Chloride	47.8		10	0.10
100-42-5	Styrene	48.4		10	0.10
127-18-4	Tetrachloroethene	48.2		10	0.10
108-88-3	Toluene	49.1		10	0.10
156-60-5	trans-1,2-Dichloroethene	49.3		10	0.10
10061-02-6	trans-1,3-Dichloropropene	49.4		10	0.10
79-01-6	Trichloroethene	48.6		10	0.10
75-01-4	Vinyl chloride	49.2		10	0.10
1330-20-7	Xylenes, Total	143		10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-377690/11
Matrix: Water Lab File ID: V45693.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 07:04
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.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		76-114
2037-26-5	Toluene-d8 (Surr)	100		88-110
460-00-4	4-Bromofluorobenzene	105		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45693.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 07-Jul-2016 07:04:30 ALS Bottle#: 11 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0042999-011
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:18:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	87	26872	50.0	52.6	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	64	60275	50.0	56.7	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	85	81023	50.0	56.4	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	234276	50.0	52.2	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	97	172284	50.0	50.9	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	98	304853	50.0	52.7	
39 Chloromethane	50	1.655	1.655	0.000	100	276379	50.0	50.3	
12 Vinyl chloride	62	1.737	1.737	0.000	99	248660	50.0	49.2	
65 Bromomethane	94	2.000	2.000	0.000	97	151926	50.0	51.1	
23 Chloroethane	64	2.075	2.075	0.001	99	159171	50.0	49.4	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	100	392540	50.0	52.6	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	89	227651	50.0	52.7	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	96	288392	50.0	53.4	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	95	207000	50.0	55.3	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	198041	50.0	47.4	
14 Acetone	43	2.700	2.700	0.000	86	91781	50.0	58.6	
3 Carbon disulfide	76	2.791	2.790	0.001	99	632363	50.0	49.7	
50 Methyl acetate	43	2.906	2.906	0.000	99	202674	50.0	46.4	
40 Methylene Chloride	84	3.005	3.004	0.000	92	250344	50.0	47.8	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	740425	50.0	44.7	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	95	234037	50.0	49.3	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	398750	50.0	49.3	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	265194	50.0	49.7	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	129945	50.0	52.4	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	138537	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	99	457587	50.0	49.3	
8 Cyclohexane	56	4.231	4.231	0.000	90	315023	50.0	51.2	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	412215	50.0	48.4	
6 Carbon tetrachloride	117	4.338	4.338	0.000	99	304902	50.0	49.1	
22 Benzene	78	4.511	4.510	0.001	97	949211	50.0	48.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	197246	50.0	51.5	
43 1,2-Dichloroethane	62	4.576	4.568	0.008	99	380545	50.0	48.6	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	807891	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	96	271918	50.0	48.6	
55 Methylcyclohexane	83	5.029	5.029	0.000	94	343960	50.0	51.7	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	88	230293	50.0	48.8	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	364516	50.0	48.7	
10 cis-1,3-Dichloropropene	75	5.589	5.589	0.000	92	405193	50.0	47.7	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	96	247572	50.0	50.4	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	527005	50.0	49.8	
30 Toluene	91	5.770	5.770	0.000	93	1027454	50.0	49.1	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.000	97	399199	50.0	49.4	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	256034	50.0	49.0	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	216816	50.0	48.2	
7 2-Hexanone	43	6.181	6.181	0.000	95	169506	50.0	52.0	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	347481	50.0	49.5	
48 Ethylene Dibromide	107	6.370	6.370	0.000	98	252863	50.0	44.9	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	85	771332	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	718579	50.0	48.2	
62 Ethylbenzene	106	6.667	6.667	0.000	96	339827	50.0	47.5	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	866930	100.0	95.0	
25 o-Xylene	106	6.971	6.971	0.000	95	437089	50.0	47.9	
17 Styrene	104	6.988	6.988	0.000	96	782374	50.0	48.4	
51 Bromoform	173	7.128	7.128	0.000	99	279137	50.0	48.7	
42 Isopropylbenzene	105	7.161	7.169	-0.009	95	1061104	50.0	45.8	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	380853	50.0	52.8	
29 1,1,2,2-Tetrachloroethane	83	7.374	7.374	0.000	97	344227	50.0	49.4	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	569001	50.0	45.5	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	96	578339	50.0	45.1	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	99	557584	50.0	45.5	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	61420	50.0	45.4	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	306508	50.0	47.9	
S 9 Xylenes, Total	106				0	1304019	150.0	142.9	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

VMC4.2spk_00047	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45693.D

Injection Date: 07-Jul-2016 07:04:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: LCSD

Worklist Smp#: 11

Client ID:

Purge Vol: 5.000 mL

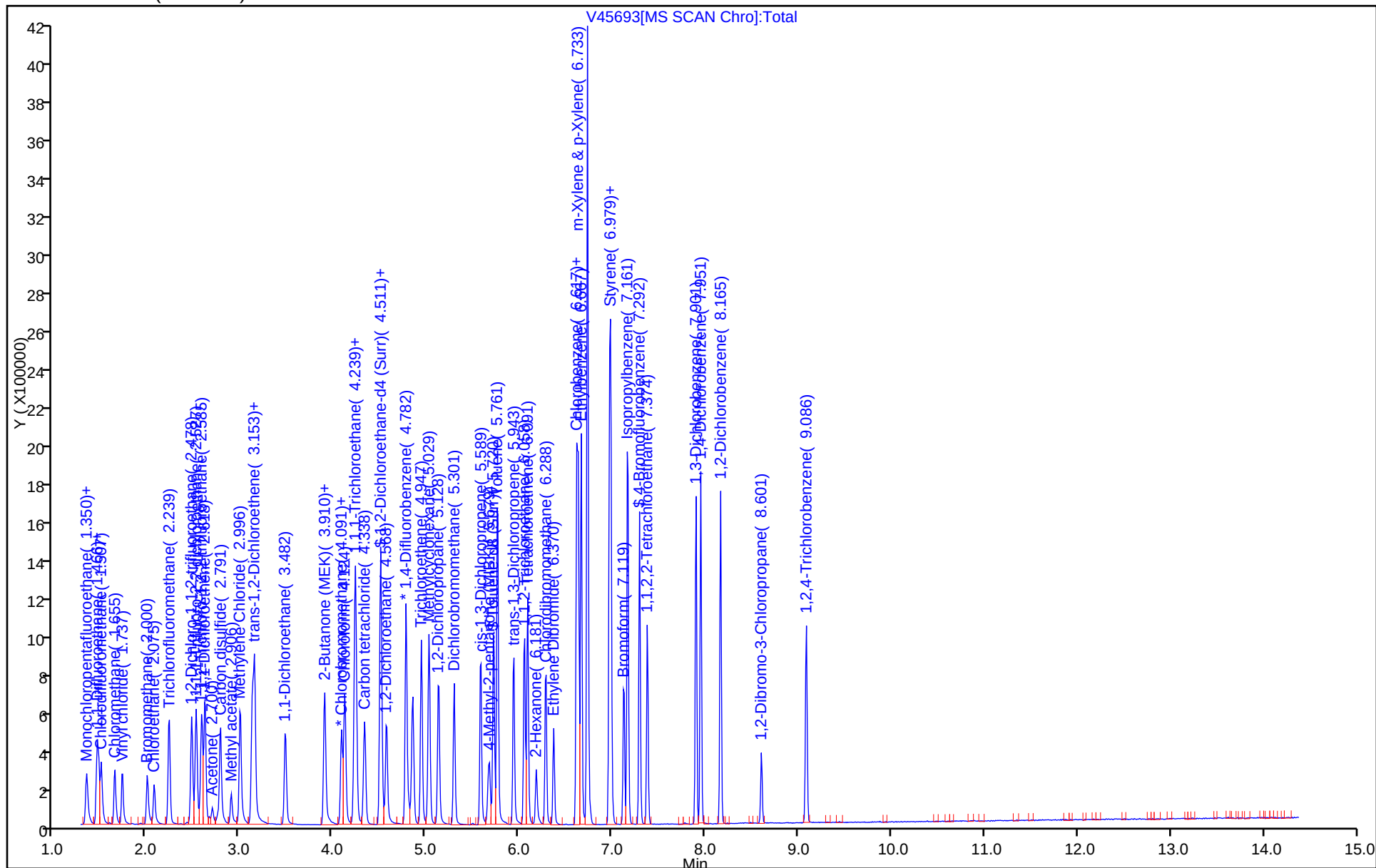
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-377886/4
 Matrix: Water Lab File ID: V45716.D
 Analysis Method: OLM04.2/VOL Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 07/07/2016 20:58
 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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	51.9		10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	54.1		10	0.10
79-00-5	1,1,2-Trichloroethane	53.3		10	0.10
75-34-3	1,1-Dichloroethane	50.9		10	0.10
75-35-4	1,1-Dichloroethene	48.7		10	0.10
107-06-2	1,2-Dichloroethane	50.6		10	0.10
78-87-5	1,2-Dichloropropane	54.5		10	0.10
78-93-3	2-Butanone (MEK)	52.9		10	0.10
591-78-6	2-Hexanone	57.6		10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	56.0		10	0.10
67-64-1	Acetone	49.5		10	0.10
71-43-2	Benzene	52.3		10	0.10
75-27-4	Dichlorobromomethane	53.1		10	0.10
75-25-2	Bromoform	53.4		10	0.10
74-83-9	Bromomethane	50.2		10	0.10
75-15-0	Carbon disulfide	46.8		10	0.10
56-23-5	Carbon tetrachloride	50.4		10	0.10
108-90-7	Chlorobenzene	52.0		10	0.10
124-48-1	Chlorodibromomethane	52.0		10	0.10
75-00-3	Chloroethane	50.8		10	0.10
67-66-3	Chloroform	50.9		10	0.10
74-87-3	Chloromethane	48.7		10	0.10
156-59-2	cis-1,2-Dichloroethene	49.4		10	0.10
10061-01-5	cis-1,3-Dichloropropene	52.9		10	0.10
100-41-4	Ethylbenzene	51.5		10	0.10
75-09-2	Methylene Chloride	48.4		10	0.10
100-42-5	Styrene	52.3		10	0.10
127-18-4	Tetrachloroethene	49.2		10	0.10
108-88-3	Toluene	52.5		10	0.10
156-60-5	trans-1,2-Dichloroethene	45.6		10	0.10
10061-02-6	trans-1,3-Dichloropropene	52.9		10	0.10
79-01-6	Trichloroethene	52.0		10	0.10
75-01-4	Vinyl chloride	48.5		10	0.10
1330-20-7	Xylenes, Total	157		10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116243-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-377886/4
Matrix: Water Lab File ID: V45716.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 20:58
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		76-114
2037-26-5	Toluene-d8 (Surr)	102		88-110
460-00-4	4-Bromofluorobenzene	99		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45716.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 07-Jul-2016 20:58:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0043044-004
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: baronm

Date: 14-Jul-2016 12:20:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	85	25577	50.0	41.2	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	90	51661	50.0	40.8	
56 Chlorotrifluoroethene	116	1.458	1.457	0.001	90	69465	50.0	40.8	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	191061	50.0	42.4	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	162703	50.0	48.2	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	253816	50.0	40.8	
39 Chloromethane	50	1.655	1.655	0.000	99	243685	50.0	48.7	
12 Vinyl chloride	62	1.737	1.737	0.000	99	225285	50.0	48.5	
65 Bromomethane	94	2.001	2.001	0.000	98	139755	50.0	50.2	
23 Chloroethane	64	2.075	2.075	0.000	100	145679	50.0	50.8	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	382372	50.0	48.6	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	89	188751	50.0	40.4	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	238236	50.0	41.8	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	92	188812	50.0	46.1	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	192262	50.0	48.7	
14 Acetone	43	2.700	2.700	0.000	85	86253	50.0	49.5	
3 Carbon disulfide	76	2.791	2.791	0.000	100	584050	50.0	46.8	
50 Methyl acetate	43	2.906	2.906	0.000	98	178689	50.0	47.9	
40 Methylene Chloride	84	3.005	3.005	0.000	90	235704	50.0	48.4	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	678790	50.0	44.0	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	94	211730	50.0	45.6	
\$ 36 BFB									
64 1,1-Dichloroethane	63	3.490	3.482	0.008	99	366835	50.0	50.9	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	98	243852	50.0	49.4	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	98	111211	50.0	52.9	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	76	128740	50.0	50.0	
31 Chloroform	83	4.124	4.124	0.000	99	432824	50.0	50.9	
8 Cyclohexane	56	4.231	4.231	0.000	89	282576	50.0	50.5	
47 1,1,1-Trichloroethane	97	4.247	4.239	0.008	96	408084	50.0	51.9	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	308899	50.0	50.4	
22 Benzene	78	4.511	4.511	0.000	96	868784	50.0	52.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	177135	50.0	47.0	
43 1,2-Dichloroethane	62	4.577	4.568	0.009	99	357667	50.0	50.6	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	699655	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	263160	50.0	52.0	
55 Methylcyclohexane	83	5.029	5.029	0.000	93	317546	50.0	48.1	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	86	213313	50.0	54.5	
20 Dichlorobromomethane	83	5.301	5.301	0.000	98	345113	50.0	53.1	
10 cis-1,3-Dichloropropene	75	5.589	5.580	0.009	92	383480	50.0	52.9	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	95	225073	50.0	56.0	
\$ 38 Toluene-d8 (Surr)	98	5.721	5.720	0.001	99	466655	50.0	51.2	
30 Toluene	91	5.770	5.762	0.008	95	993878	50.0	52.5	
24 trans-1,3-Dichloropropene	75	5.943	5.943	0.000	96	372377	50.0	52.9	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	93	238714	50.0	53.3	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	226784	50.0	49.2	
7 2-Hexanone	43	6.181	6.181	0.000	95	153299	50.0	57.6	
32 Chlorodibromomethane	129	6.288	6.288	0.000	97	336193	50.0	52.0	
48 Ethylene Dibromide	107	6.371	6.371	0.001	98	248567	50.0	49.1	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	686471	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	684107	50.0	52.0	
62 Ethylbenzene	106	6.667	6.667	0.000	97	339229	50.0	51.5	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	856762	100.0	104.7	
25 o-Xylene	106	6.971	6.971	0.000	95	427199	50.0	52.2	
17 Styrene	104	6.988	6.988	0.000	97	742255	50.0	52.3	
51 Bromoform	173	7.128	7.128	0.000	99	275228	50.0	53.4	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	1029953	50.0	48.4	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	331804	50.0	49.7	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.375	0.000	96	320101	50.0	54.1	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	554388	50.0	48.1	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.000	97	570401	50.0	48.2	
2 1,2-Dichlorobenzene	146	8.165	8.165	0.000	98	532540	50.0	47.3	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	61146	50.0	49.0	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	305554	50.0	49.9	
S 9 Xylenes, Total	106				0	1283961	150.0	156.9	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

VMC4.2spk_00047	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45716.D

Injection Date: 07-Jul-2016 20:58:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: LCSD

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

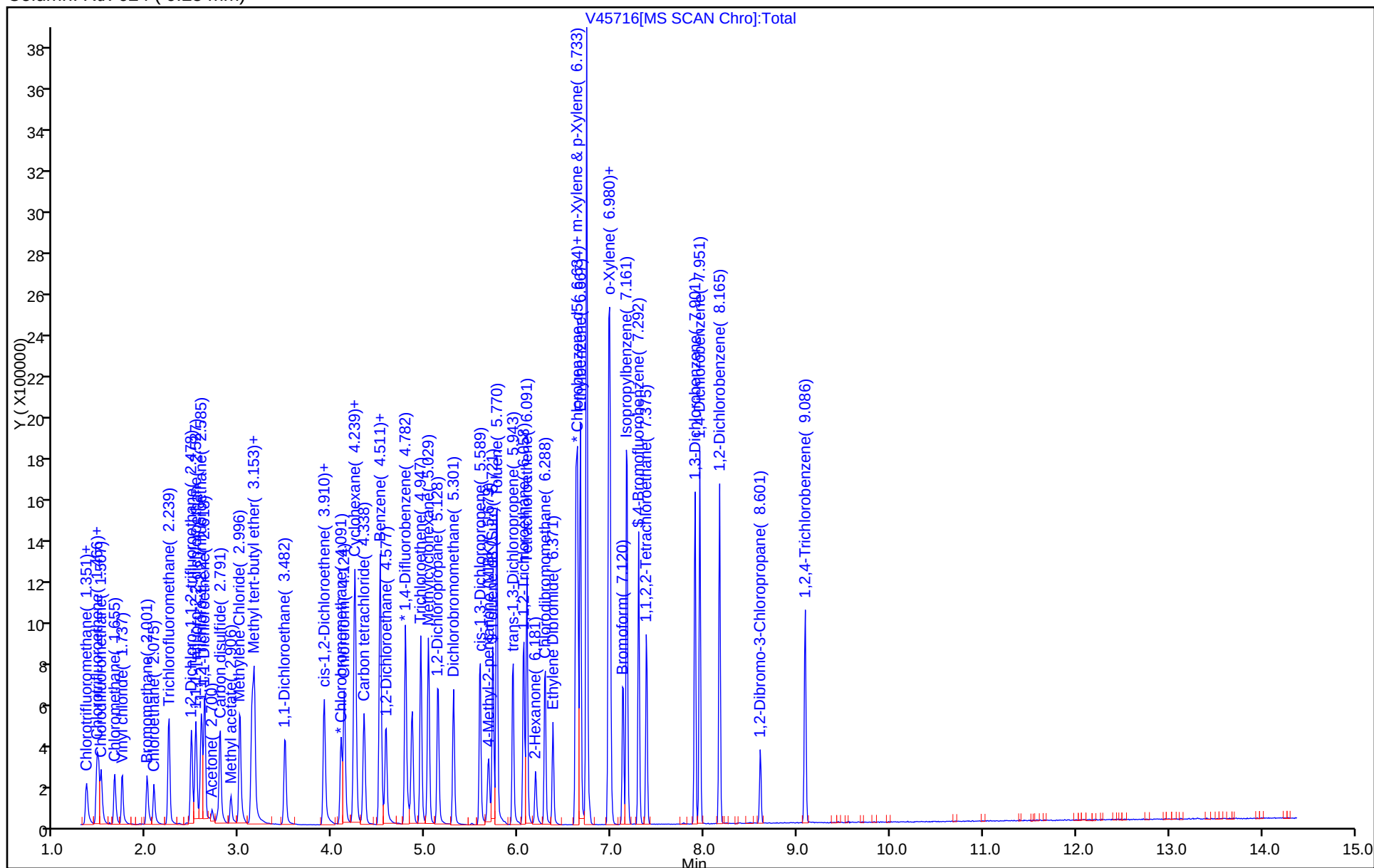
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-116243-1

SDG No.: _____

Instrument ID: CVOAMS7Start Date: 07/07/2016 02:48Analysis Batch Number: 377690End Date: 07/07/2016 13:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-377690/1		07/07/2016 02:48	1	V45683.D	Rtx-624 0.25 (mm)
STD1 460-377690/3 IC		07/07/2016 03:38	1	V45685.D	Rtx-624 0.25 (mm)
STD20 460-377690/4 IC		07/07/2016 04:02	1	V45686.D	Rtx-624 0.25 (mm)
STD100 460-377690/5 IC		07/07/2016 04:26	1	V45687.D	Rtx-624 0.25 (mm)
STD200 460-377690/6 IC		07/07/2016 04:51	1	V45688.D	Rtx-624 0.25 (mm)
STD50 460-377690/9 ICIS		07/07/2016 06:17	1	V45691.D	Rtx-624 0.25 (mm)
LCS 460-377690/10		07/07/2016 06:40	1	V45692.D	Rtx-624 0.25 (mm)
LCSD 460-377690/11		07/07/2016 07:04	1	V45693.D	Rtx-624 0.25 (mm)
MB 460-377690/14		07/07/2016 08:16	1	V45696.D	Rtx-624 0.25 (mm)
460-116243-1		07/07/2016 08:39	1	V45697.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 09:03	1		Rtx-624 0.25 (mm)
460-116243-2		07/07/2016 09:28	1	V45699.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 09:52	1		Rtx-624 0.25 (mm)
460-116243-4		07/07/2016 10:16	1	V45701.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 10:40	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 12:43	10		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 13:07	20		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-116243-1

SDG No.: _____

Instrument ID: CVOAMS7 Start Date: 07/07/2016 19:41Analysis Batch Number: 377886 End Date: 07/08/2016 07:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-377886/1		07/07/2016 19:41	1	V45713.D	Rtx-624 0.25 (mm)
CCVIS 460-377886/2		07/07/2016 20:10	1	V45714.D	Rtx-624 0.25 (mm)
LCS 460-377886/3		07/07/2016 20:34	1	V45715.D	Rtx-624 0.25 (mm)
LCSD 460-377886/4		07/07/2016 20:58	1	V45716.D	Rtx-624 0.25 (mm)
MB 460-377886/7		07/07/2016 22:10	1	V45719.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 22:34	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 22:58	1		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 01:24	20		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 01:47	20		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 02:35	1		Rtx-624 0.25 (mm)
460-116243-3		07/08/2016 03:23	2	V45732.D	Rtx-624 0.25 (mm)
460-116243-5		07/08/2016 04:10	2	V45734.D	Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 04:59	1		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 05:47	2		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 06:11	2		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 06:59	1		Rtx-624 0.25 (mm)
STOBLK 460-377886/30		07/08/2016 07:26	1	V45742.D	Rtx-624 0.25 (mm)

Shipping and Receiving Documents

TestAmerica

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF C

460-116243 Chain of Custody

Page 1 of 1



Name (for report and invoice) 101 Frost Street Associates/Next Millennium Realty				Samplers Name (Printed) Jessica Bluth				Site/Project Identification Frost Street Site, Westbury (NY)			
Company C/O Walden Env. Eng.				P.O. # SPAL 100-01				Regulatory Program: State (Location of site): NJ: ☐ NY: ☒ Other: ☐			
Address 16 Spring Street				Analysis Turnaround Time Standard ☒ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐				LAB USE ONLY Job No: Project No:			
City Oyster Bay				State NY 11771				DKQP: ☐			
Phone 516-624-7200				Fax 516-624-3219				Sample Numbers 1110243			
Sample Identification		Date	Time	Matrix	Cont.	No. of:		ANALYSIS REQUESTED (ENTER % BELOW TO INDICATE REQUEST)			
Tip Blank 06/29/2016		06/29/16	—	Aq.	2	X				1	
Equipment 06/29/2016		06/29/16	0820	Aq.	3	X				2	
FSMW-4A 06/29/2016		06/29/16	1030	Aq.	3	X				3	
FSMW-4B 06/29/2016		06/29/16	0920	Aq.	3	X				4	
Duplicate 06/29/2016		06/29/16	—	Aq.	3	X				5	
Preservation Used: 1 = ICE 2 = HCl 3 = H ₂ SO ₄ 4 = HNO ₃ 5 = NaOH		Soil:		Water:		5					
6 = Other		7 = Other									

Special Instructions *Cat B Deliverables, PDE & EDP to: PDE & EDP to: walden-associates.com Water Metals Filtered (Yes/No)? N/A

Relinquished by [Signature]	Company Walden	Date / Time 6/29/16 1300	Received by [Signature]	Company [Signature]
Relinquished by [Signature]	Company [Signature]	Date / Time 6/29/16 1500	Received by [Signature]	Company [Signature]
Relinquished by	Company	Date / Time	Received by	Company
Relinquished by	Company	Date / Time	Received by	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578).

110243

[illegible]

1. *Prunella* sp. (Blackberry)

SAW		CONNECTED		SAW		CONNECTED		SAW		CONNECTED	
Cooler #1:	1.9 °C	1.9 °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	

SAW		CONNECTED		SAW		CONNECTED		SAW		CONNECTED	
Cooler #1:	1.9 °C	1.9 °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	

[illegible]

Volume of Preservative used (ml):

Expiration Date:

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Login Sample Receipt Checklist

Client: Walden Associates

Job Number: 460-116243-1

Login Number: 116243
List Number: 1
Creator: Wisnewski, Kelly R

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	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	1.9°C, IR#7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Login Sample Receipt Checklist

Client: Walden Associates

Job Number: 460-116243-1

Login Number: 116243
List Number: 2
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

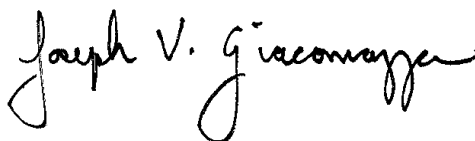
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs)..		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		

ANALYTICAL REPORT

Job Number: 460-116377-1

Job Description: Frost Street Sites, Westbury NY

For:
Walden Associates
16 Spring St.
Oyster Bay, NY 11771
Attention: Kristin Scroope



Approved for release.
Joe V Giacomazza
Project Management Assistant II
7/15/2016 10:12 AM

Designee for
Judy L Stone, Senior Project Manager
10 Hazelwood Drive, Amherst, NY, 14228-2298
(484)685-0868
judy.stone@testamericainc.com
07/15/2016

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who has signed this report.

TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NHDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

TestAmerica Laboratories, Inc.

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DATA REPORTING QUALIFIERS

Client: Walden Associates

Job Number: 460-116377-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Analyzed for but not detected.
	J	Indicates an estimated value.

Job Narrative
460-116377-1

Receipt

The samples were received on 6/30/2016 3:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1° C.

GC/MS VOA

Method(s) OLM04.2/VOL: The following samples were diluted to bring the concentration of target analytes within the calibration range: FSMW-2A 06292016 (460-116377-1) and FSMW-14B 06302016 (460-116377-6). Elevated reporting limits (RLs) are provided.

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

VOA Prep

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

SAMPLE SUMMARY

Client: Walden Associates

Job Number: 460-116377-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-116377-1	FSMW-2A 06292016	Water	06/29/2016 1530	06/30/2016 1500
460-116377-2	FSMW-2B 06292016	Water	06/29/2016 1400	06/30/2016 1500
460-116377-3TB	Trip Blank 06302016	Water	06/30/2016 0000	06/30/2016 1500
460-116377-4	Equipment 06302016	Water	06/30/2016 0730	06/30/2016 1500
460-116377-5	FSMW-8A 06302016	Water	06/30/2016 0805	06/30/2016 1500
460-116377-6	FSMW-14B 06302016	Water	06/30/2016 1220	06/30/2016 1500

EXECUTIVE SUMMARY - Detections

Client: Walden Associates

Job Number: 460-116377-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-116377-1	FSMW-2A 06292016					
cis-1,2-Dichloroethene		17	J	100	ug/L	OLM04.2/VOL
Tetrachloroethene		1000		100	ug/L	OLM04.2/VOL
Trichloroethene		32	J	100	ug/L	OLM04.2/VOL
460-116377-2	FSMW-2B 06292016					
Tetrachloroethene		2.1	J	10	ug/L	OLM04.2/VOL
Trichloroethene		0.16	J	10	ug/L	OLM04.2/VOL
460-116377-3TB	TRIP BLANK 06302016					
Methylene Chloride		2.3	J	10	ug/L	OLM04.2/VOL
460-116377-5	FSMW-8A 06302016					
cis-1,2-Dichloroethene		14		10	ug/L	OLM04.2/VOL
Tetrachloroethene		120		10	ug/L	OLM04.2/VOL
Trichloroethene		6.8	J	10	ug/L	OLM04.2/VOL
460-116377-6	FSMW-14B 06302016					
Tetrachloroethene		2000		200	ug/L	OLM04.2/VOL
Trichloroethene		23	J	200	ug/L	OLM04.2/VOL

METHOD SUMMARY

Client: Walden Associates

Job Number: 460-116377-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	OLM04.2	OLM04.2/VOL
Purge and Trap	TAL EDI		SW846 5030B

Lab References:

TAL EDI = TestAmerica Edison

Method References:

OLM04.2 = "Statement of Work for Organic Analysis", Multi-Media, Multi-Concentration September 1998

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

METHOD / ANALYST SUMMARY

Client: Walden Associates

Job Number: 460-116377-1

Method	Analyst	Analyst ID
OLM04.2 OLM04.2/VOL	Boykin, Kenneth	KLB

Analytical Data

Client: Walden Associates

Job Number: 460-116377-1

Client Sample ID: FSMW-2A 06292016

Lab Sample ID: 460-116377-1

Date Sampled: 06/29/2016 1530

Client Matrix: Water

Date Received: 06/30/2016 1500

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377690	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45707.D
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2016 1243			Final Weight/Volume:	5 mL
Prep Date:	07/07/2016 1243				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	1.0	100
1,1,2,2-Tetrachloroethane	1.0	U	1.0	100
1,1,2-Trichloroethane	1.0	U	1.0	100
1,1-Dichloroethane	1.0	U	1.0	100
1,1-Dichloroethene	1.0	U	1.0	100
1,2-Dichloroethane	1.0	U	1.0	100
1,2-Dichloropropane	1.0	U	1.0	100
2-Butanone (MEK)	1.0	U	1.0	100
2-Hexanone	1.0	U	1.0	100
4-Methyl-2-pentanone (MIBK)	1.0	U	1.0	100
Acetone	1.0	U	1.0	100
Benzene	1.0	U	1.0	100
Dichlorobromomethane	1.0	U	1.0	100
Bromoform	1.0	U	1.0	100
Bromomethane	1.0	U	1.0	100
Carbon disulfide	1.0	U	1.0	100
Carbon tetrachloride	1.0	U	1.0	100
Chlorobenzene	1.0	U	1.0	100
Chlorodibromomethane	1.0	U	1.0	100
Chloroethane	1.0	U	1.0	100
Chloroform	1.0	U	1.0	100
Chloromethane	1.0	U	1.0	100
cis-1,2-Dichloroethene	17	J	1.0	100
cis-1,3-Dichloropropene	1.0	U	1.0	100
Ethylbenzene	1.0	U	1.0	100
Methylene Chloride	1.0	U	1.0	100
Styrene	1.0	U	1.0	100
Tetrachloroethene	1000		1.0	100
Toluene	1.0	U	1.0	100
trans-1,2-Dichloroethene	1.0	U	1.0	100
trans-1,3-Dichloropropene	1.0	U	1.0	100
Trichloroethene	32	J	1.0	100
Vinyl chloride	1.0	U	1.0	100
Xylenes, Total	1.0	U	1.0	100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		76 - 114
Toluene-d8 (Surr)	96		88 - 110
4-Bromofluorobenzene	100		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116377-1

Client Sample ID: FSMW-2B 06292016

Lab Sample ID: 460-116377-2

Date Sampled: 06/29/2016 1400

Client Matrix: Water

Date Received: 06/30/2016 1500

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377690	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45702.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2016 1040			Final Weight/Volume:	5 mL
Prep Date:	07/07/2016 1040				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	2.1	J	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.16	J	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		76 - 114
Toluene-d8 (Surr)	100		88 - 110
4-Bromofluorobenzene	102		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116377-1

Client Sample ID: Trip Blank 06302016

Lab Sample ID: 460-116377-3TB

Date Sampled: 06/30/2016 0000

Client Matrix: Water

Date Received: 06/30/2016 1500

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377690	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45698.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2016 0903			Final Weight/Volume:	5 mL
Prep Date:	07/07/2016 0903				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	2.3	J	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		76 - 114
Toluene-d8 (Surr)	97		88 - 110
4-Bromofluorobenzene	98		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116377-1

Client Sample ID: Equipment 06302016

Lab Sample ID: 460-116377-4

Date Sampled: 06/30/2016 0730

Client Matrix: Water

Date Received: 06/30/2016 1500

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377690	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45700.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2016 0952			Final Weight/Volume:	5 mL
Prep Date:	07/07/2016 0952				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		76 - 114
Toluene-d8 (Surr)	99		88 - 110
4-Bromofluorobenzene	100		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116377-1

Client Sample ID: FSMW-8A 06302016

Lab Sample ID: 460-116377-5

Date Sampled: 06/30/2016 0805

Client Matrix: Water

Date Received: 06/30/2016 1500

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377886	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45730.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2016 0235			Final Weight/Volume:	5 mL
Prep Date:	07/08/2016 0235				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	14		0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	120		0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	6.8	J	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		76 - 114
Toluene-d8 (Surr)	102		88 - 110
4-Bromofluorobenzene	97		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116377-1

Client Sample ID: FSMW-14B 06302016

Lab Sample ID: 460-116377-6

Date Sampled: 06/30/2016 1220

Client Matrix: Water

Date Received: 06/30/2016 1500

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377690	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45708.D
Dilution:	20			Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2016 1307			Final Weight/Volume:	5 mL
Prep Date:	07/07/2016 1307				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	2.0	U	2.0	200
1,1,2,2-Tetrachloroethane	2.0	U	2.0	200
1,1,2-Trichloroethane	2.0	U	2.0	200
1,1-Dichloroethane	2.0	U	2.0	200
1,1-Dichloroethene	2.0	U	2.0	200
1,2-Dichloroethane	2.0	U	2.0	200
1,2-Dichloropropane	2.0	U	2.0	200
2-Butanone (MEK)	2.0	U	2.0	200
2-Hexanone	2.0	U	2.0	200
4-Methyl-2-pentanone (MIBK)	2.0	U	2.0	200
Acetone	2.0	U	2.0	200
Benzene	2.0	U	2.0	200
Dichlorobromomethane	2.0	U	2.0	200
Bromoform	2.0	U	2.0	200
Bromomethane	2.0	U	2.0	200
Carbon disulfide	2.0	U	2.0	200
Carbon tetrachloride	2.0	U	2.0	200
Chlorobenzene	2.0	U	2.0	200
Chlorodibromomethane	2.0	U	2.0	200
Chloroethane	2.0	U	2.0	200
Chloroform	2.0	U	2.0	200
Chloromethane	2.0	U	2.0	200
cis-1,2-Dichloroethene	2.0	U	2.0	200
cis-1,3-Dichloropropene	2.0	U	2.0	200
Ethylbenzene	2.0	U	2.0	200
Methylene Chloride	2.0	U	2.0	200
Styrene	2.0	U	2.0	200
Tetrachloroethene	2000		2.0	200
Toluene	2.0	U	2.0	200
trans-1,2-Dichloroethene	2.0	U	2.0	200
trans-1,3-Dichloropropene	2.0	U	2.0	200
Trichloroethene	23	J	2.0	200
Vinyl chloride	2.0	U	2.0	200
Xylenes, Total	2.0	U	2.0	200
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	107		76 - 114	
Toluene-d8 (Surr)	98		88 - 110	
4-Bromofluorobenzene	99		86 - 115	

Quality Control Results

Client: Walden Associates

Job Number: 460-116377-1

Surrogate Recovery Report

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-116377-1	FSMW-2A 06292016	102	96	100
460-116377-2	FSMW-2B 06292016	102	100	102
460-116377-3	Trip Blank 06302016	108	97	98
460-116377-4	Equipment 06302016	105	99	100
460-116377-5	FSMW-8A 06302016	101	102	97
460-116377-6	FSMW-14B 06302016	107	98	99
MB 460-377690/14		108	101	100
MB 460-377886/7		101	99	98
LCS 460-377690/10		102	99	103
LCS 460-377886/3		98	102	100
LCSD 460-377690/11		103	100	105
LCSD 460-377886/4		94	102	99
STOBLK 460-377886/30		94	100	99

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	76-114
TOL = Toluene-d8 (Surr)	88-110
BFB = 4-Bromofluorobenzene	86-115

Quality Control Results

Client: Walden Associates

Job Number: 460-116377-1

Method Blank - Batch: 460-377690

Method: OLM04.2/VOL Preparation: 5030B

Lab Sample ID: MB 460-377690/14
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/07/2016 0816
Prep Date: 07/07/2016 0816
Leach Date: N/A

Analysis Batch: 460-377690
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS7
Lab File ID: V45696.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	76 - 114
Toluene-d8 (Surr)	101	88 - 110
4-Bromofluorobenzene	100	86 - 115

Quality Control Results

Client: Walden Associates

Job Number: 460-116377-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 460-377690

Method: OLM04.2/VOL

Preparation: 5030B

LCS Lab Sample ID: LCS 460-377690/10
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/07/2016 0640
Prep Date: 07/07/2016 0640
Leach Date: N/A

Analysis Batch: 460-377690
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS7
Lab File ID: V45692.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
5 mL

LCSD Lab Sample ID: LCSD 460-377690/11
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/07/2016 0704
Prep Date: 07/07/2016 0704
Leach Date: N/A

Analysis Batch: 460-377690
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS7
Lab File ID: V45693.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	99	95	61 - 145	4	14		
Benzene	102	98	76 - 127	4	11		
Chlorobenzene	102	96	75 - 130	5	13		
Toluene	104	98	76 - 125	6	13		
Trichloroethene	102	97	71 - 120	5	14		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	102		103		76 - 114		
Toluene-d8 (Surr)	99		100		88 - 110		
4-Bromofluorobenzene	103		105		86 - 115		

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 460-377690

Method: OLM04.2/VOL

Preparation: 5030B

LCS Lab Sample ID: LCS 460-377690/10
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/07/2016 0640
Prep Date: 07/07/2016 0640
Leach Date: N/A

Units: ug/L

LCSD Lab Sample ID: LCSD 460-377690/11
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/07/2016 0704
Prep Date: 07/07/2016 0704
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1-Dichloroethene	50.0	50.0	49.5	47.4
Benzene	50.0	50.0	51.2	48.9
Chlorobenzene	50.0	50.0	51.0	48.2
Toluene	50.0	50.0	52.0	49.1
Trichloroethene	50.0	50.0	51.1	48.6

Quality Control Results

Client: Walden Associates

Job Number: 460-116377-1

Method Blank - Batch: 460-377886

Method: OLM04.2/VOL Preparation: 5030B

Lab Sample ID: MB 460-377886/7
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/07/2016 2210
Prep Date: 07/07/2016 2210
Leach Date: N/A

Analysis Batch: 460-377886
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS7
Lab File ID: V45719.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	76 - 114
Toluene-d8 (Surr)	99	88 - 110
4-Bromofluorobenzene	98	86 - 115

Quality Control Results

Client: Walden Associates

Job Number: 460-116377-1

Storage Blank - Batch: 460-377886

Method: OLM04.2/VOL
Preparation: 5030B

Lab Sample ID:	STOBLK 460-377886/30	Analysis Batch:	460-377886	Instrument ID:	CVOAMS7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	V45742.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2016 0726	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/08/2016 0726				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	76 - 114
Toluene-d8 (Surr)	100	88 - 110
4-Bromofluorobenzene	99	86 - 115

Quality Control Results

Client: Walden Associates

Job Number: 460-116377-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 460-377886

Method: OLM04.2/VOL

Preparation: 5030B

LCS Lab Sample ID: LCS 460-377886/3
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/07/2016 2034
 Prep Date: 07/07/2016 2034
 Leach Date: N/A

Analysis Batch: 460-377886
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CVOAMS7
 Lab File ID: V45715.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL
 5 mL

LCSD Lab Sample ID: LCSD 460-377886/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/07/2016 2058
 Prep Date: 07/07/2016 2058
 Leach Date: N/A

Analysis Batch: 460-377886
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CVOAMS7
 Lab File ID: V45716.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL
 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	102	97	61 - 145	5	14		
Benzene	102	105	76 - 127	3	11		
Chlorobenzene	103	104	75 - 130	1	13		
Toluene	104	105	76 - 125	1	13		
Trichloroethene	103	104	71 - 120	1	14		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	98		94		76 - 114		
Toluene-d8 (Surr)	102		102		88 - 110		
4-Bromofluorobenzene	100		99		86 - 115		

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 460-377886

Method: OLM04.2/VOL

Preparation: 5030B

LCS Lab Sample ID: LCS 460-377886/3
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/07/2016 2034
 Prep Date: 07/07/2016 2034
 Leach Date: N/A

Units: ug/L

LCSD Lab Sample ID: LCSD 460-377886/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/07/2016 2058
 Prep Date: 07/07/2016 2058
 Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1-Dichloroethene	50.0	50.0	51.0	48.7
Benzene	50.0	50.0	50.8	52.3
Chlorobenzene	50.0	50.0	51.5	52.0
Toluene	50.0	50.0	51.9	52.5
Trichloroethene	50.0	50.0	51.4	52.0

Quality Control Results

Client: Walden Associates

Job Number: 460-116377-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-377690					
LCS 460-377690/10	Lab Control Sample	T	Water	OLM04.2/VOL	
LCSD 460-377690/11	Lab Control Sample Duplicate	T	Water	OLM04.2/VOL	
MB 460-377690/14	Method Blank	T	Water	OLM04.2/VOL	
460-116377-1	FSMW-2A 06292016	T	Water	OLM04.2/VOL	
460-116377-2	FSMW-2B 06292016	T	Water	OLM04.2/VOL	
460-116377-3TB	Trip Blank 06302016	T	Water	OLM04.2/VOL	
460-116377-4	Equipment 06302016	T	Water	OLM04.2/VOL	
460-116377-6	FSMW-14B 06302016	T	Water	OLM04.2/VOL	
Analysis Batch:460-377886					
LCS 460-377886/3	Lab Control Sample	T	Water	OLM04.2/VOL	
LCSD 460-377886/4	Lab Control Sample Duplicate	T	Water	OLM04.2/VOL	
MB 460-377886/7	Method Blank	T	Water	OLM04.2/VOL	
STOBLK 460-377886/30	Storage Blank	T	Water	OLM04.2/VOL	
460-116377-5	FSMW-8A 06302016	T	Water	OLM04.2/VOL	

Report Basis

T = Total

Quality Control Results

Client: Walden Associates

Job Number: 460-116377-1

Laboratory Chronicle

Lab ID: 460-116377-1

Client ID: FSMW-2A 06292016

Sample Date/Time: 06/29/2016 15:30 Received Date/Time: 06/30/2016 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116377-A-1		460-377690		07/07/2016 12:43	10	TAL EDI	KLB
A:OLM04.2/VOL	460-116377-A-1		460-377690		07/07/2016 12:43	10	TAL EDI	KLB

Lab ID: 460-116377-2

Client ID: FSMW-2B 06292016

Sample Date/Time: 06/29/2016 14:00 Received Date/Time: 06/30/2016 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116377-A-2		460-377690		07/07/2016 10:40	1	TAL EDI	KLB
A:OLM04.2/VOL	460-116377-A-2		460-377690		07/07/2016 10:40	1	TAL EDI	KLB

Lab ID: 460-116377-3

Client ID: Trip Blank 06302016

Sample Date/Time: 06/30/2016 00:00 Received Date/Time: 06/30/2016 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116377-A-3		460-377690		07/07/2016 09:03	1	TAL EDI	KLB
A:OLM04.2/VOL	460-116377-A-3		460-377690		07/07/2016 09:03	1	TAL EDI	KLB

Lab ID: 460-116377-4

Client ID: Equipment 06302016

Sample Date/Time: 06/30/2016 07:30 Received Date/Time: 06/30/2016 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116377-A-4		460-377690		07/07/2016 09:52	1	TAL EDI	KLB
A:OLM04.2/VOL	460-116377-A-4		460-377690		07/07/2016 09:52	1	TAL EDI	KLB

Lab ID: 460-116377-5

Client ID: FSMW-8A 06302016

Sample Date/Time: 06/30/2016 08:05 Received Date/Time: 06/30/2016 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116377-C-5		460-377886		07/08/2016 02:35	1	TAL EDI	KLB
A:OLM04.2/VOL	460-116377-C-5		460-377886		07/08/2016 02:35	1	TAL EDI	KLB

Lab ID: 460-116377-6

Client ID: FSMW-14B 06302016

Sample Date/Time: 06/30/2016 12:20 Received Date/Time: 06/30/2016 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116377-A-6		460-377690		07/07/2016 13:07	20	TAL EDI	KLB
A:OLM04.2/VOL	460-116377-A-6		460-377690		07/07/2016 13:07	20	TAL EDI	KLB

Quality Control Results

Client: Walden Associates

Job Number: 460-116377-1

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-377690/14		460-377690		07/07/2016 08:16	1	TAL EDI	KLB
A:OLM04.2/VOL	MB 460-377690/14		460-377690		07/07/2016 08:16	1	TAL EDI	KLB
P:5030B	MB 460-377886/7		460-377886		07/07/2016 22:10	1	TAL EDI	KLB
A:OLM04.2/VOL	MB 460-377886/7		460-377886		07/07/2016 22:10	1	TAL EDI	KLB

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-377690/10		460-377690		07/07/2016 06:40	1	TAL EDI	KLB
A:OLM04.2/VOL	LCS 460-377690/10		460-377690		07/07/2016 06:40	1	TAL EDI	KLB
P:5030B	LCS 460-377886/3		460-377886		07/07/2016 20:34	1	TAL EDI	KLB
A:OLM04.2/VOL	LCS 460-377886/3		460-377886		07/07/2016 20:34	1	TAL EDI	KLB

Lab ID: LCSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCSD 460-377690/11		460-377690		07/07/2016 07:04	1	TAL EDI	KLB
A:OLM04.2/VOL	LCSD 460-377690/11		460-377690		07/07/2016 07:04	1	TAL EDI	KLB
P:5030B	LCSD 460-377886/4		460-377886		07/07/2016 20:58	1	TAL EDI	KLB
A:OLM04.2/VOL	LCSD 460-377886/4		460-377886		07/07/2016 20:58	1	TAL EDI	KLB

Lab ID: STOBLK

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	STOBLK 460-377886/30		460-377886		07/08/2016 07:26	1	TAL EDI	KLB
A:OLM04.2/VOL	STOBLK 460-377886/30		460-377886		07/08/2016 07:26	1	TAL EDI	KLB

Lab References:

TAL EDI = TestAmerica Edison

OLM04.2_Vol_LL

Volatile Organic Compounds (GC/MS)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
FSMW-2A 06292016	460-116377-1	102	96	100
FSMW-2B 06292016	460-116377-2	102	100	102
Trip Blank 06302016	460-116377-3	108	97	98
Equipment 06302016	460-116377-4	105	99	100
FSMW-8A 06302016	460-116377-5	101	102	97
FSMW-14B 06302016	460-116377-6	107	98	99
	MB 460-377690/14	108	101	100
	MB 460-377886/7	101	99	98
	LCS 460-377690/10	102	99	103
	LCS 460-377886/3	98	102	100
	LCSD 460-377690/11	103	100	105
	LCSD 460-377886/4	94	102	99
	STOBLK 460-377886/30	94	100	99

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	76-114
TOL = Toluene-d8 (Surr)	88-110
BFB = 4-Bromofluorobenzene	86-115

Column to be used to flag recovery values

FORM II OLM04.2/VOL

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: V45692.D
Lab ID: LCS 460-377690/10 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	50.0	49.5	99	61-145	
Benzene	50.0	51.2	102	76-127	
Chlorobenzene	50.0	51.0	102	75-130	
Toluene	50.0	52.0	104	76-125	
Trichloroethene	50.0	51.1	102	71-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: V45715.D
Lab ID: LCS 460-377886/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	50.0	51.0	102	61-145	
Benzene	50.0	50.8	102	76-127	
Chlorobenzene	50.0	51.5	103	75-130	
Toluene	50.0	51.9	104	76-125	
Trichloroethene	50.0	51.4	103	71-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: V45693.D
 Lab ID: LCSD 460-377690/11 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethene	50.0	47.4	95	4	14	61-145	
Benzene	50.0	48.9	98	4	11	76-127	
Chlorobenzene	50.0	48.2	96	5	13	75-130	
Toluene	50.0	49.1	98	6	13	76-125	
Trichloroethene	50.0	48.6	97	5	14	71-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: V45716.D
 Lab ID: LCSD 460-377886/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethene	50.0	48.7	97	5	14	61-145	
Benzene	50.0	52.3	105	3	11	76-127	
Chlorobenzene	50.0	52.0	104	1	13	75-130	
Toluene	50.0	52.5	105	1	13	76-125	
Trichloroethene	50.0	52.0	104	1	14	71-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Lab File ID: V45696.D Lab Sample ID: MB 460-377690/14
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS7 Date Analyzed: 07/07/2016 08:16
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 460-377690/10	V45692.D	07/07/2016 06:40
	LCSD 460-377690/11	V45693.D	07/07/2016 07:04
Trip Blank 06302016	460-116377-3	V45698.D	07/07/2016 09:03
Equipment 06302016	460-116377-4	V45700.D	07/07/2016 09:52
FSMW-2B 06292016	460-116377-2	V45702.D	07/07/2016 10:40
FSMW-2A 06292016	460-116377-1	V45707.D	07/07/2016 12:43
FSMW-14B 06302016	460-116377-6	V45708.D	07/07/2016 13:07

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Lab File ID: V45719.D Lab Sample ID: MB 460-377886/7
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS7 Date Analyzed: 07/07/2016 22:10
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-377886/3	V45715.D	07/07/2016 20:34
	LCSD 460-377886/4	V45716.D	07/07/2016 20:58
FSMW-8A 06302016	460-116377-5	V45730.D	07/08/2016 02:35
	STOBLK 460-377886/30	V45742.D	07/08/2016 07:26

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

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Lab File ID: V45683.D BFB Injection Date: 07/07/2016
Instrument ID: CVOAMS7 BFB Injection Time: 02:48
Analysis Batch No.: 377690

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.7
75	30.0 - 66.0% of mass 95	51.1
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	1.6 (1.4) 1
174	50.0 - 120.0% of mass 95	111.3
175	4.0 - 9.0 % of mass 174	8.8 (7.9) 1
176	93.0 - 101.0% of mass 174	107.7 (96.7) 1
177	5.0 - 9.0% of mass 176	7.0 (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
	STD1 460-377690/3	V45685.D	07/07/2016	03:38
	STD20 460-377690/4	V45686.D	07/07/2016	04:02
	STD100 460-377690/5	V45687.D	07/07/2016	04:26
	STD200 460-377690/6	V45688.D	07/07/2016	04:51
	STD50 460-377690/9	V45691.D	07/07/2016	06:17
	LCS 460-377690/10	V45692.D	07/07/2016	06:40
	LCSD 460-377690/11	V45693.D	07/07/2016	07:04
	MB 460-377690/14	V45696.D	07/07/2016	08:16
Trip Blank 06302016	460-116377-3	V45698.D	07/07/2016	09:03
Equipment 06302016	460-116377-4	V45700.D	07/07/2016	09:52
FSMW-2B 06292016	460-116377-2	V45702.D	07/07/2016	10:40
FSMW-2A 06292016	460-116377-1	V45707.D	07/07/2016	12:43
FSMW-14B 06302016	460-116377-6	V45708.D	07/07/2016	13:07

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

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Lab File ID: V45713.D BFB Injection Date: 07/07/2016
 Instrument ID: CVOAMS7 BFB Injection Time: 19:41
 Analysis Batch No.: 377886

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.0
75	30.0 - 66.0% of mass 95	56.4
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	1.9 (1.8) 1
174	50.0 - 120.0% of mass 95	108.6
175	4.0 - 9.0 % of mass 174	7.8 (7.2) 1
176	93.0 - 101.0% of mass 174	103.4 (95.2) 1
177	5.0 - 9.0% of mass 176	7.1 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-377886/2	V45714.D	07/07/2016	20:10
	LCS 460-377886/3	V45715.D	07/07/2016	20:34
	LCSD 460-377886/4	V45716.D	07/07/2016	20:58
	MB 460-377886/7	V45719.D	07/07/2016	22:10
FSMW-8A 06302016	460-116377-5	V45730.D	07/08/2016	02:35
	STOBLK 460-377886/30	V45742.D	07/08/2016	07:26

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

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Sample No.: STD50 460-377690/9 Date Analyzed: 07/07/2016 06:17
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): V45691.D Heated Purge: (Y/N) N
 Calibration ID: 56633

	BCM		DFBZ		CBNZd5		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	137080	4.09	796500	4.78	768781	6.62	
UPPER LIMIT	274160	4.59	1593000	5.28	1537562	7.12	
LOWER LIMIT	68540	3.59	398250	4.28	384391	6.12	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-377690/10		137471	4.09	798721	4.78	772876	6.62
LCSD 460-377690/11		138537	4.09	807891	4.78	771332	6.62
MB 460-377690/14		132168	4.09	748736	4.78	710973	6.62
460-116377-3	Trip Blank 06302016	129023	4.09	741445	4.78	704680	6.62
460-116377-4	Equipment 06302016	132412	4.09	725708	4.78	673315	6.62
460-116377-2	FSMW-2B 06292016	128541	4.09	717476	4.78	675738	6.62
460-116377-1	FSMW-2A 06292016	126495	4.09	702947	4.78	657816	6.62
460-116377-6	FSMW-14B 06302016	121803	4.09	703564	4.78	666277	6.62

BCM = Chlorobromomethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Sample No.: CCVIS 460-377886/2 Date Analyzed: 07/07/2016 20:10
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): V45714.D Heated Purge: (Y/N) N
 Calibration ID: 56633

		BCM		DFBZ		CBNZd5		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		128686	4.09	733696	4.78	711661	6.62	
UPPER LIMIT		257372	4.59	1467392	5.28	1423322	7.12	
LOWER LIMIT		64343	3.59	366848	4.28	355831	6.12	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 460-377886/3		126420	4.09	728976	4.78	703410	6.62	
LCSD 460-377886/4		128740	4.09	699655	4.78	686471	6.62	
MB 460-377886/7		117360	4.09	671862	4.78	648003	6.62	
460-116377-5		FSMW-8A 06302016	111292	4.09	622717	4.79	589931	6.62
STOBLK 460-377886/30		113805	4.09	597584	4.78	577493	6.62	

BCM = Chlorobromomethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-116377-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-2A 06292016</u>	Lab Sample ID: <u>460-116377-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>V45707.D</u>
Analysis Method: <u>OLM04.2/VOL</u>	Date Collected: <u>06/29/2016 15:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/07/2016 12:43</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>377690</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	100	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	100	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	100	1.0
75-34-3	1,1-Dichloroethane	1.0	U	100	1.0
75-35-4	1,1-Dichloroethene	1.0	U	100	1.0
107-06-2	1,2-Dichloroethane	1.0	U	100	1.0
78-87-5	1,2-Dichloropropane	1.0	U	100	1.0
78-93-3	2-Butanone (MEK)	1.0	U	100	1.0
591-78-6	2-Hexanone	1.0	U	100	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	100	1.0
67-64-1	Acetone	1.0	U	100	1.0
71-43-2	Benzene	1.0	U	100	1.0
75-27-4	Dichlorobromomethane	1.0	U	100	1.0
75-25-2	Bromoform	1.0	U	100	1.0
74-83-9	Bromomethane	1.0	U	100	1.0
75-15-0	Carbon disulfide	1.0	U	100	1.0
56-23-5	Carbon tetrachloride	1.0	U	100	1.0
108-90-7	Chlorobenzene	1.0	U	100	1.0
124-48-1	Chlorodibromomethane	1.0	U	100	1.0
75-00-3	Chloroethane	1.0	U	100	1.0
67-66-3	Chloroform	1.0	U	100	1.0
74-87-3	Chloromethane	1.0	U	100	1.0
156-59-2	cis-1,2-Dichloroethene	17	J	100	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	100	1.0
100-41-4	Ethylbenzene	1.0	U	100	1.0
75-09-2	Methylene Chloride	1.0	U	100	1.0
100-42-5	Styrene	1.0	U	100	1.0
127-18-4	Tetrachloroethene	1000		100	1.0
108-88-3	Toluene	1.0	U	100	1.0
156-60-5	trans-1,2-Dichloroethene	1.0	U	100	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	100	1.0
79-01-6	Trichloroethene	32	J	100	1.0
75-01-4	Vinyl chloride	1.0	U	100	1.0
1330-20-7	Xylenes, Total	1.0	U	100	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Client Sample ID: FSMW-2A 06292016 Lab Sample ID: 460-116377-1
Matrix: Water Lab File ID: V45707.D
Analysis Method: OLM04.2/VOL Date Collected: 06/29/2016 15:30
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 12:43
Soil Aliquot Vol: _____ Dilution Factor: 10
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		76-114
2037-26-5	Toluene-d8 (Surr)	96		88-110
460-00-4	4-Bromofluorobenzene	100		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45707.D
 Lims ID: 460-116377-A-1
 Client ID: FSMW-2A 06292016
 Sample Type: Client
 Inject. Date: 07-Jul-2016 12:43:30 ALS Bottle#: 25 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-116377-A-1
 Misc. Info.: 460-0042999-025
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:32:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	96	8274	1.70	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	77	126495	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	178836	51.1	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	702947	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	97	15495	3.18	
\$ 38 Toluene-d8 (Surr)	98	5.721	5.720	0.001	100	435206	48.2	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	395080	102.9	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	657816	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	306859	49.8	

Reagents:

VMC4.2SU_00111

Amount Added: 2.50

Units: uL

VMC4.2ISi_00116

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45707.D

Injection Date: 07-Jul-2016 12:43:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116377-A-1

Lab Sample ID: 460-116377-1

Worklist Smp#: 25

Client ID: FSMW-2A 06292016

Purge Vol: 5.000 mL

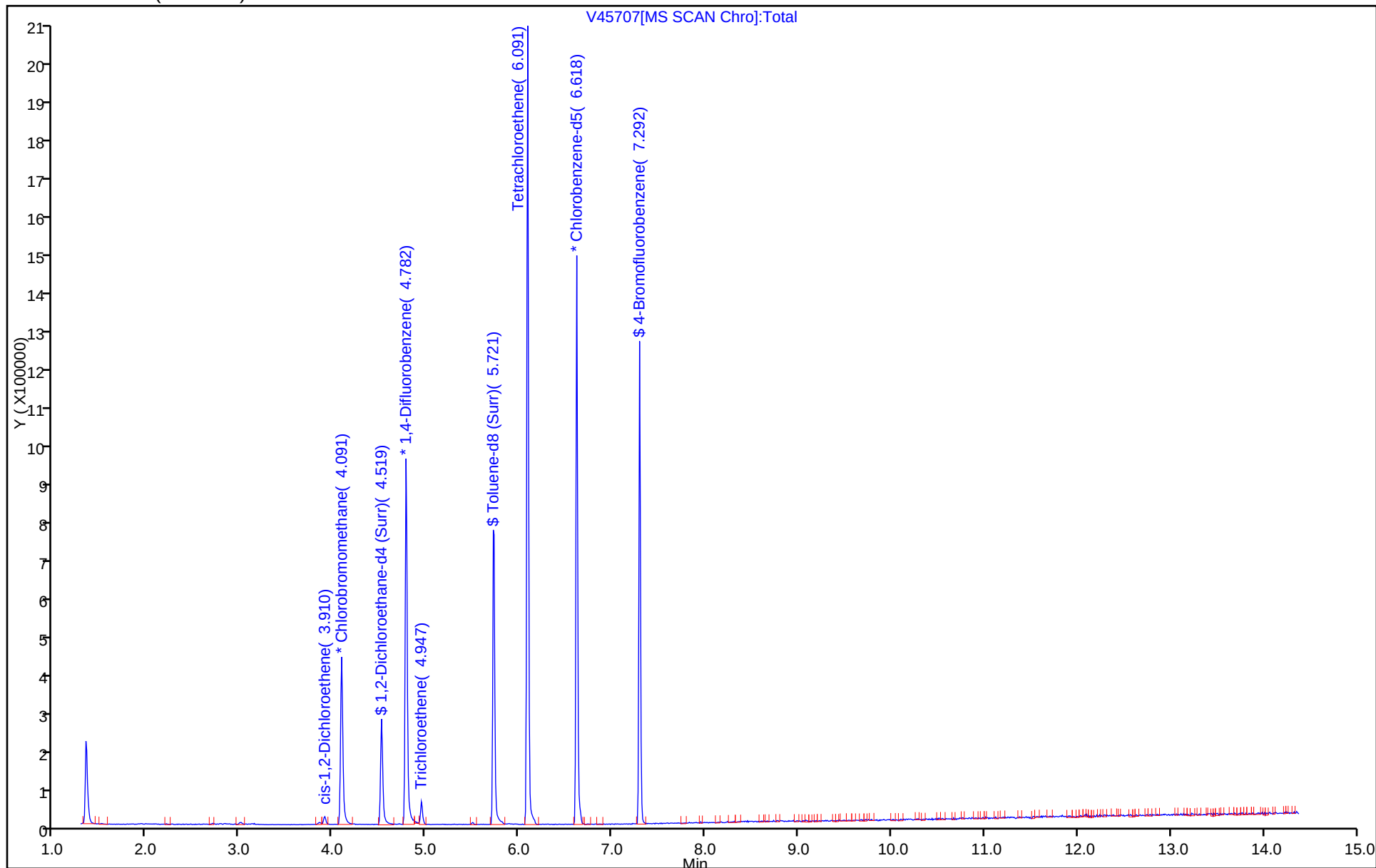
Dil. Factor: 10.0000

ALS Bottle#: 25

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45707.D

Injection Date: 07-Jul-2016 12:43:30

Instrument ID: CVOAMS7

Lims ID: 460-116377-A-1

Lab Sample ID: 460-116377-1

Client ID: FSMW-2A 06292016

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

10.0000

Method: OLM04.2LLW7

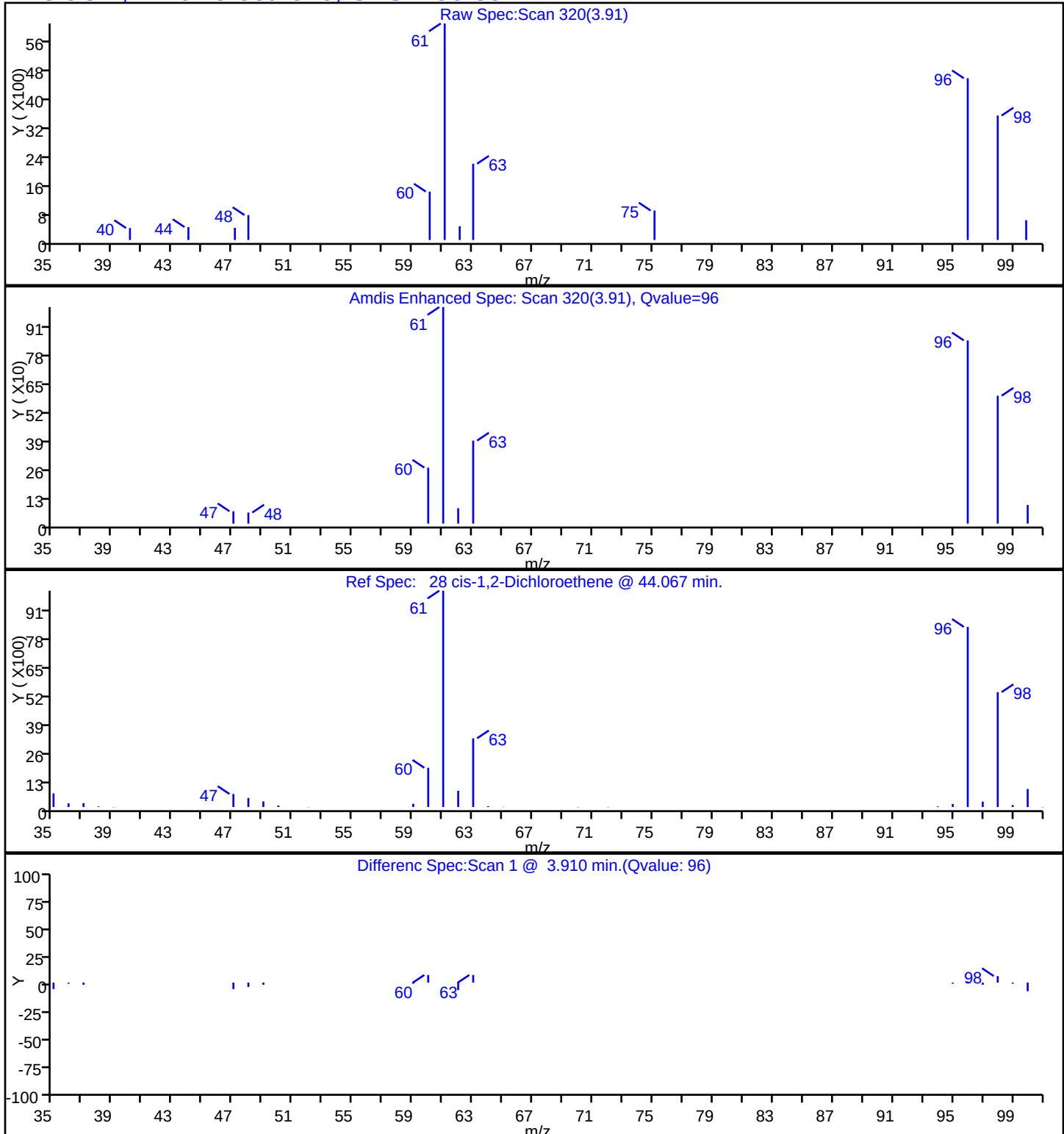
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45707.D

Injection Date: 07-Jul-2016 12:43:30

Instrument ID: CVOAMS7

Lims ID: 460-116377-A-1

Lab Sample ID: 460-116377-1

Client ID: FSMW-2A 06292016

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

10.0000

Method: OLM04.2LLW7

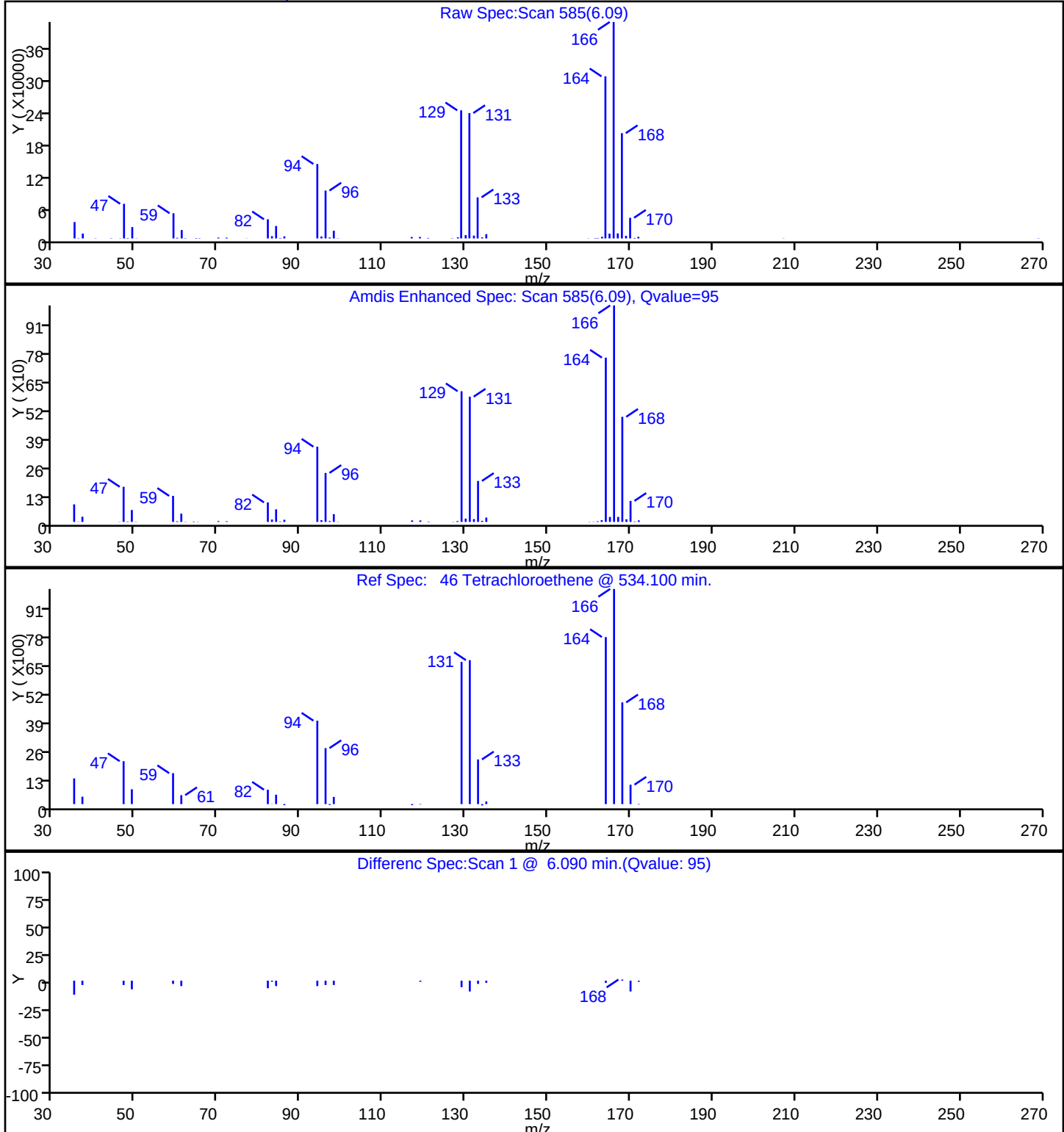
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

46 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45707.D

Injection Date: 07-Jul-2016 12:43:30

Instrument ID: CVOAMS7

Lims ID: 460-116377-A-1

Lab Sample ID: 460-116377-1

Client ID: FSMW-2A 06292016

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

10.0000

Method: OLM04.2LLW7

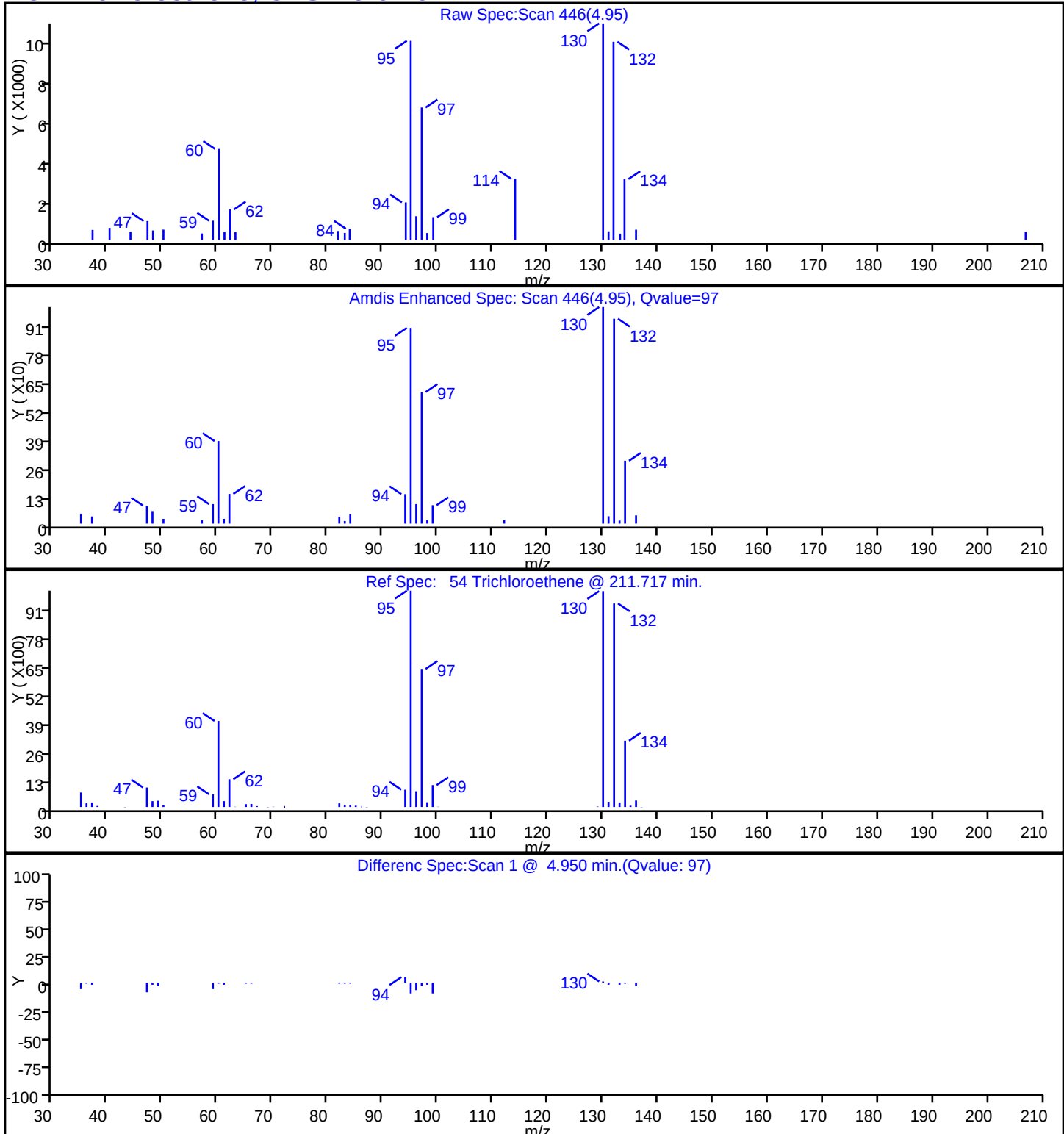
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

54 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-116377-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-2B 06292016</u>	Lab Sample ID: <u>460-116377-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>V45702.D</u>
Analysis Method: <u>OLM04.2/VOL</u>	Date Collected: <u>06/29/2016 14:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/07/2016 10:40</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>377690</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	2.1	J	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.16	J	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Client Sample ID: FSMW-2B 06292016 Lab Sample ID: 460-116377-2
Matrix: Water Lab File ID: V45702.D
Analysis Method: OLM04.2/VOL Date Collected: 06/29/2016 14:00
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 10:40
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.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		76-114
2037-26-5	Toluene-d8 (Surr)	100		88-110
460-00-4	4-Bromofluorobenzene	102		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45702.D
 Lims ID: 460-116377-A-2
 Client ID: FSMW-2B 06292016
 Sample Type: Client
 Inject. Date: 07-Jul-2016 10:40:30 ALS Bottle#: 20 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-116377-A-2
 Misc. Info.: 460-0042999-020
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:31:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	78	128541	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	182134	51.2	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	717476	50.0	
54 Trichloroethene	130	4.955	4.947	0.008	5	771	0.1552	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.009	98	464966	50.2	
46 Tetrachloroethene	164	6.091	6.091	0.000	93	8300	2.10	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	675738	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	323478	51.1	

Reagents:

VMC4.2SU_00111 Amount Added: 2.50 Units: uL
 VMC4.2ISi_00116 Amount Added: 5.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45702.D

Injection Date: 07-Jul-2016 10:40:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116377-A-2

Lab Sample ID: 460-116377-2

Worklist Smp#: 20

Client ID: FSMW-2B 06292016

Purge Vol: 5.000 mL

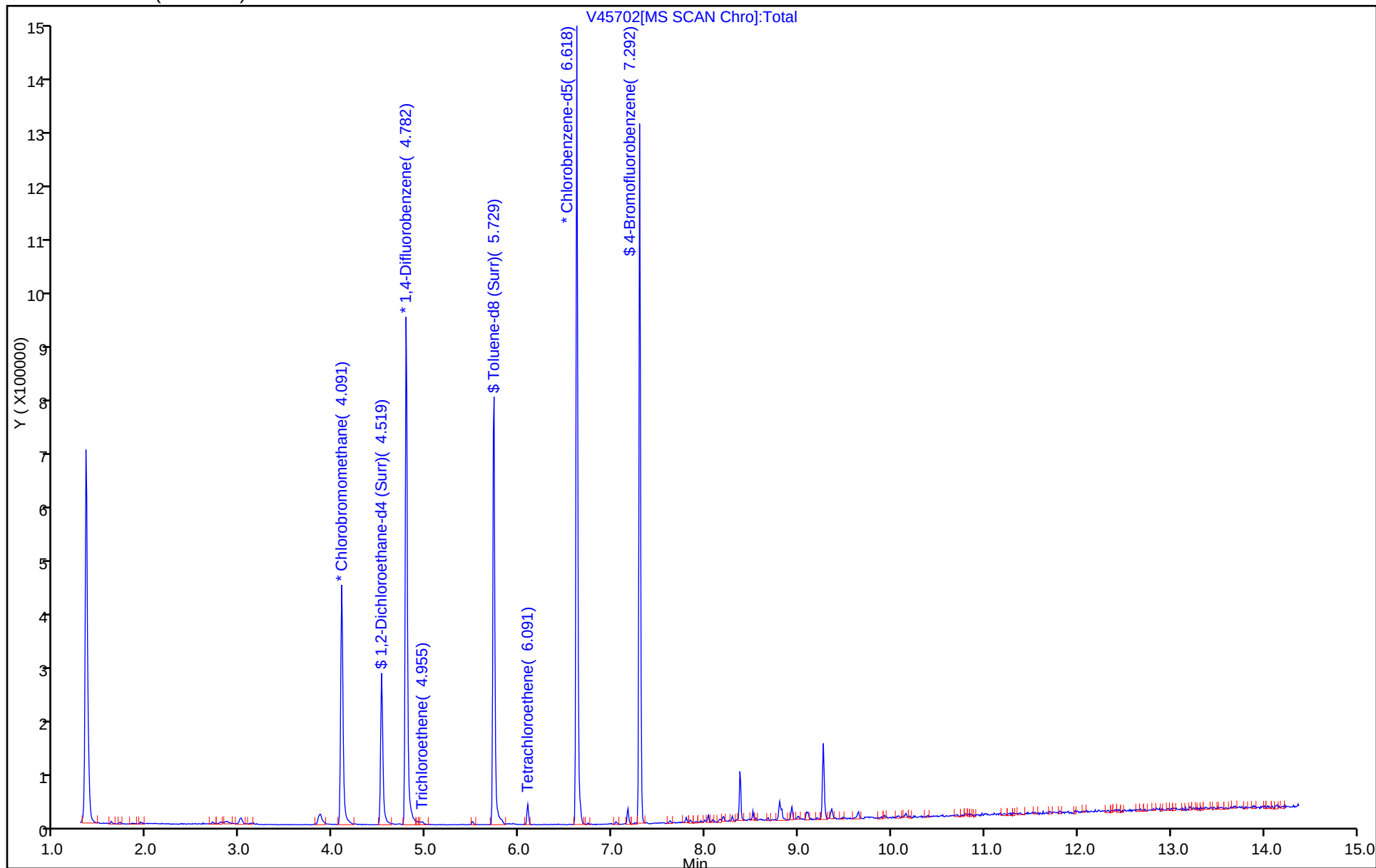
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45702.D

Injection Date: 07-Jul-2016 10:40:30

Instrument ID: CVOAMS7

Lims ID: 460-116377-A-2

Lab Sample ID: 460-116377-2

Client ID: FSMW-2B 06292016

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

20

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: OLM04.2LLW7

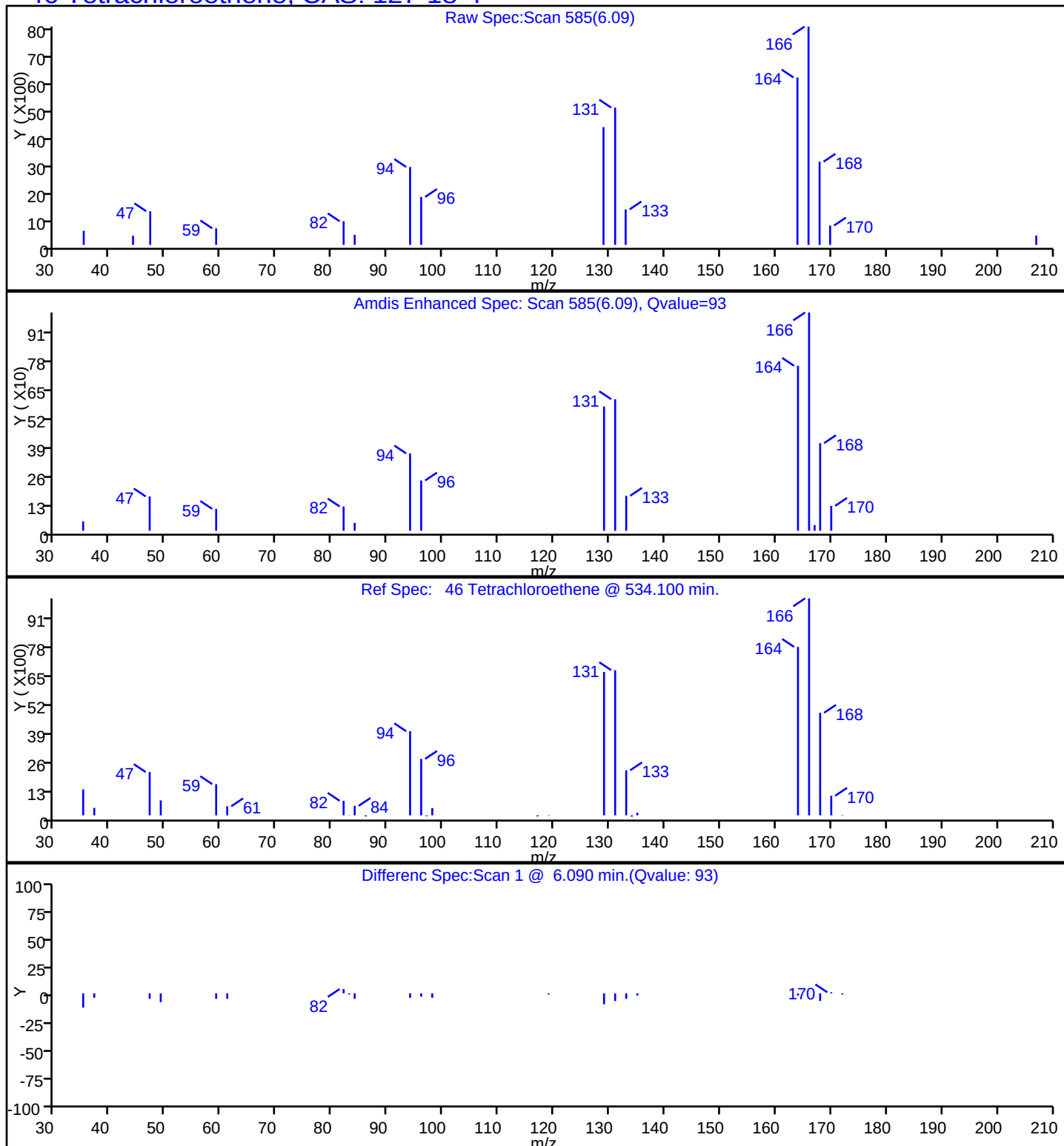
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

46 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45702.D

Injection Date: 07-Jul-2016 10:40:30

Instrument ID: CVOAMS7

Lims ID: 460-116377-A-2

Lab Sample ID: 460-116377-2

Client ID: FSMW-2B 06292016

Operator ID:

ALS Bottle#:

Worklist Smp#: 20

Purge Vol: 5.000 mL

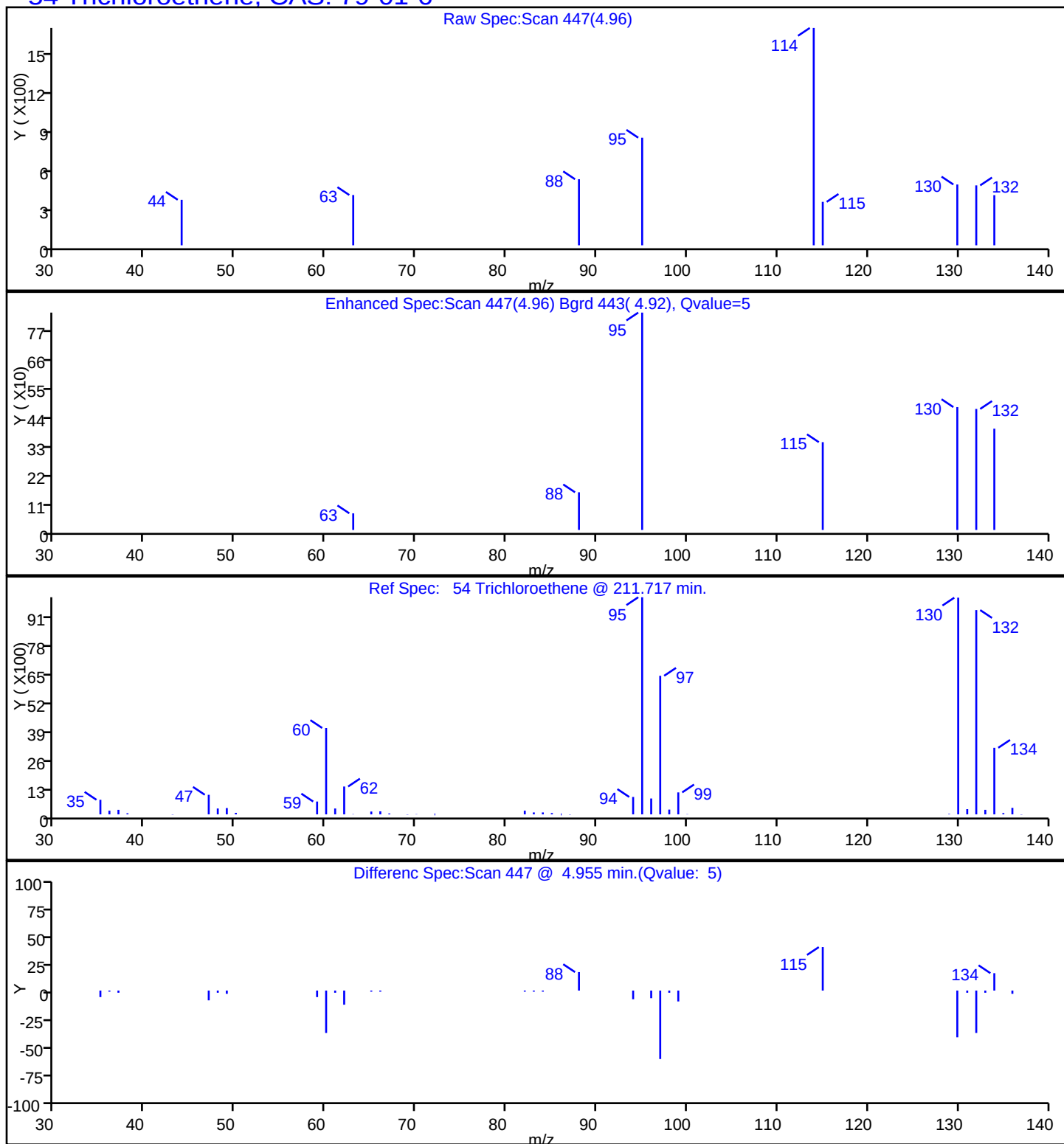
Dil. Factor: 1.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-116377-1</u>
SDG No.: _____	
Client Sample ID: <u>Trip Blank 06302016</u>	Lab Sample ID: <u>460-116377-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>V45698.D</u>
Analysis Method: <u>OLM04.2/VOL</u>	Date Collected: <u>06/30/2016 00:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/07/2016 09:03</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>377690</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	2.3	J	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Client Sample ID: Trip Blank 06302016 Lab Sample ID: 460-116377-3
Matrix: Water Lab File ID: V45698.D
Analysis Method: OLM04.2/VOL Date Collected: 06/30/2016 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 09:03
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.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		76-114
2037-26-5	Toluene-d8 (Surr)	97		88-110
460-00-4	4-Bromofluorobenzene	98		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45698.D
 Lims ID: 460-116377-A-3
 Client ID: Trip Blank 06302016
 Sample Type: Client
 Inject. Date: 07-Jul-2016 09:03:30 ALS Bottle#: 16 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-116377-A-3
 Misc. Info.: 460-0042999-016
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:19:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
40 Methylene Chloride	84	2.996	3.004	-0.008	94	11298	2.31	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	80	129023	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	192625	54.0	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	741445	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	471055	48.7	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	704680	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	324918	49.3	

Reagents:

VMC4.2SU_00111 Amount Added: 2.50 Units: uL
 VMC4.2ISi_00116 Amount Added: 5.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45698.D

Injection Date: 07-Jul-2016 09:03:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116377-A-3

Lab Sample ID: 460-116377-3

Worklist Smp#: 16

Client ID: Trip Blank 06302016

Purge Vol: 5.000 mL

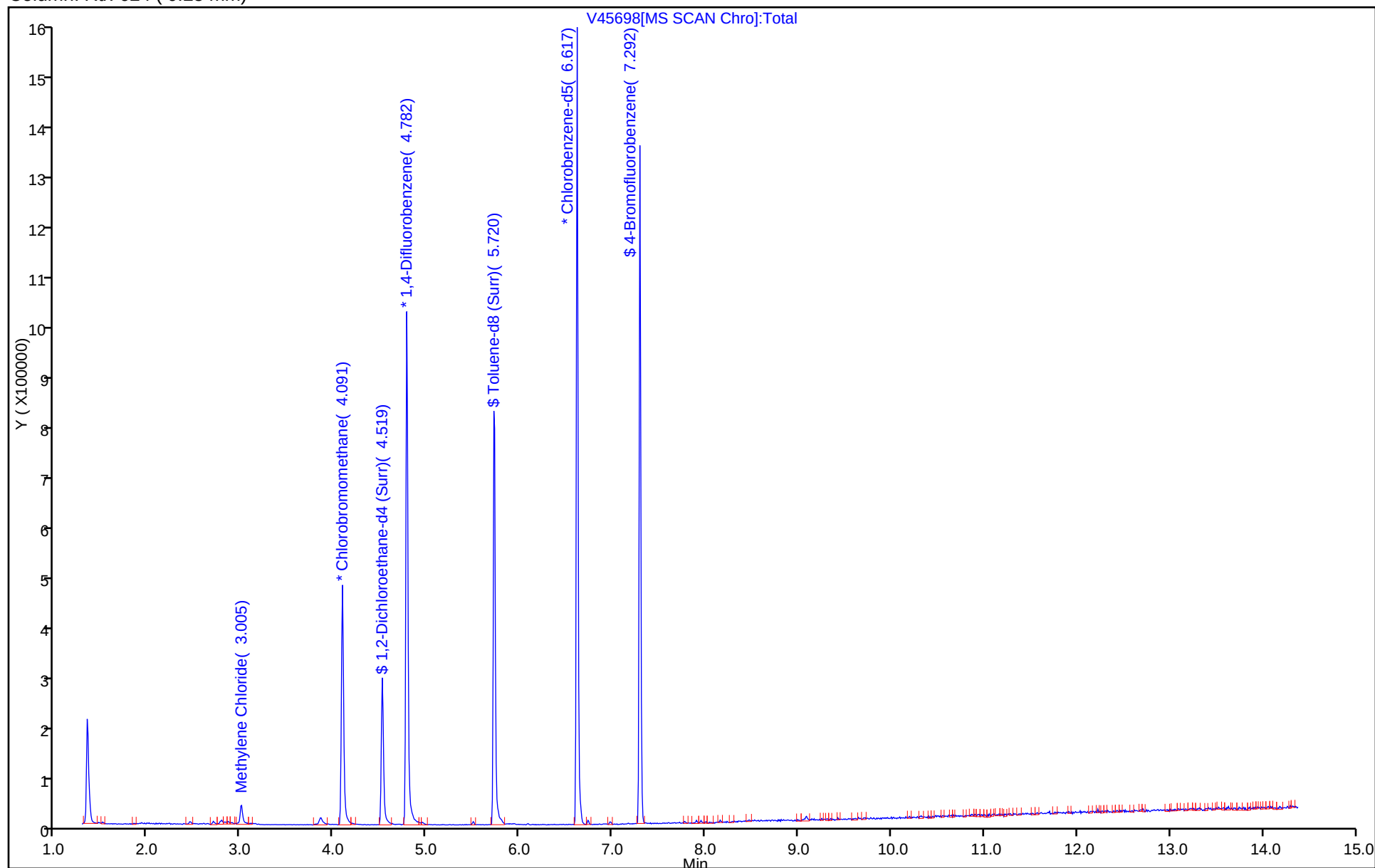
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45698.D

Injection Date: 07-Jul-2016 09:03:30

Instrument ID: CVOAMS7

Lims ID: 460-116377-A-3

Lab Sample ID: 460-116377-3

Client ID: Trip Blank 06302016

Operator ID:

ALS Bottle#:

Worklist Smp#: 16

Purge Vol: 5.000 mL

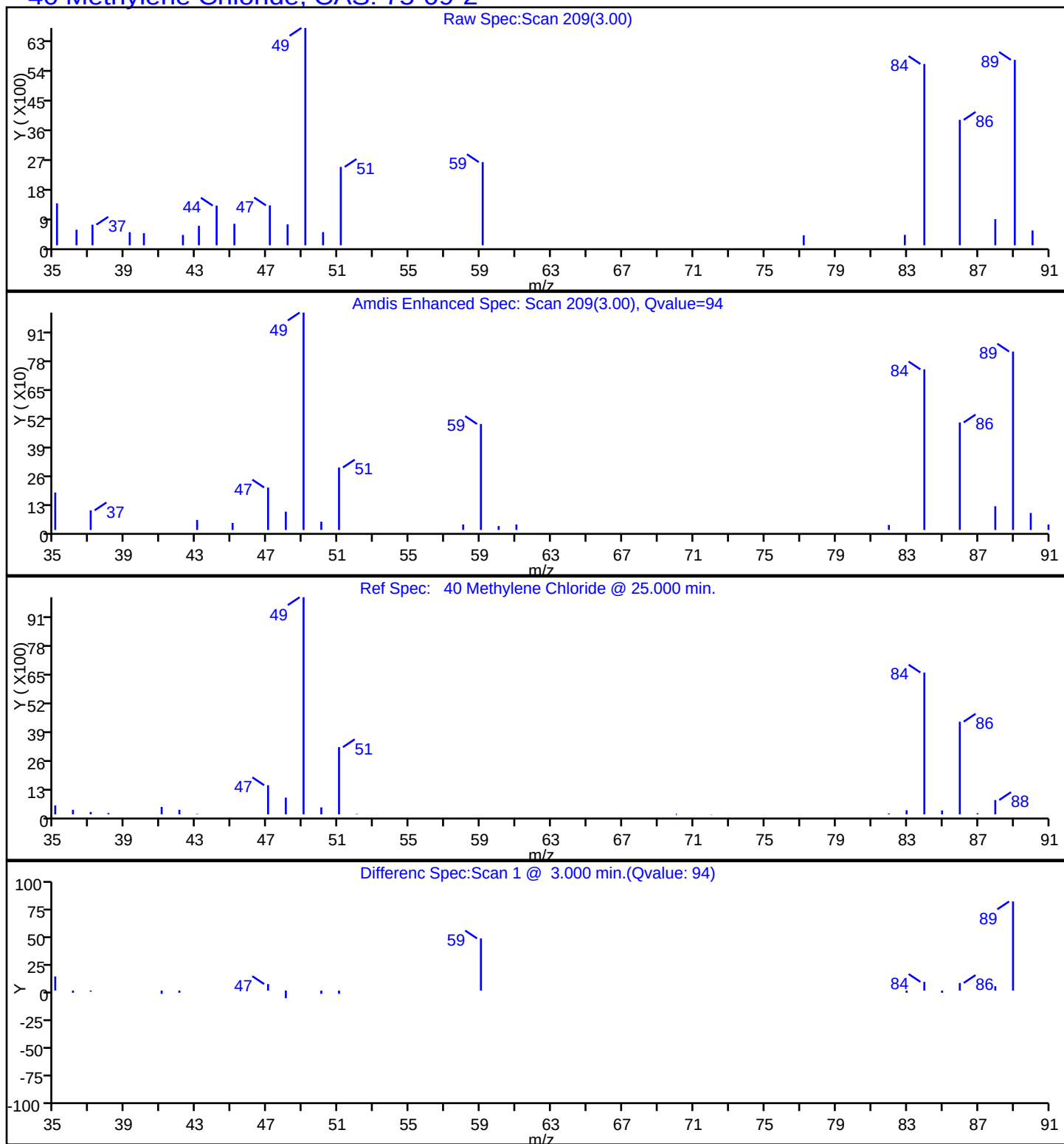
Dil. Factor: 1.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

40 Methylene Chloride, CAS: 75-09-2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-116377-1</u>
SDG No.: _____	
Client Sample ID: <u>Equipment 06302016</u>	Lab Sample ID: <u>460-116377-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>V45700.D</u>
Analysis Method: <u>OLM04.2/VOL</u>	Date Collected: <u>06/30/2016 07:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/07/2016 09:52</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>377690</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Client Sample ID: Equipment 06302016 Lab Sample ID: 460-116377-4
Matrix: Water Lab File ID: V45700.D
Analysis Method: OLM04.2/VOL Date Collected: 06/30/2016 07:30
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 09:52
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.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		76-114
2037-26-5	Toluene-d8 (Surr)	99		88-110
460-00-4	4-Bromofluorobenzene	100		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45700.D
 Lims ID: 460-116377-A-4
 Client ID: Equipment 06302016
 Sample Type: Client
 Inject. Date: 07-Jul-2016 09:52:30 ALS Bottle#: 18 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-116377-A-4
 Misc. Info.: 460-0042999-018
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:20:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	132412	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	192383	52.5	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	94	725708	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.009	100	458990	49.7	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	673315	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	313873	49.8	

Reagents:

VMC4.2SU_00111 Amount Added: 2.50 Units: uL
 VMC4.2ISi_00116 Amount Added: 5.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45700.D

Injection Date: 07-Jul-2016 09:52:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116377-A-4

Lab Sample ID: 460-116377-4

Worklist Smp#: 18

Client ID: Equipment 06302016

Purge Vol: 5.000 mL

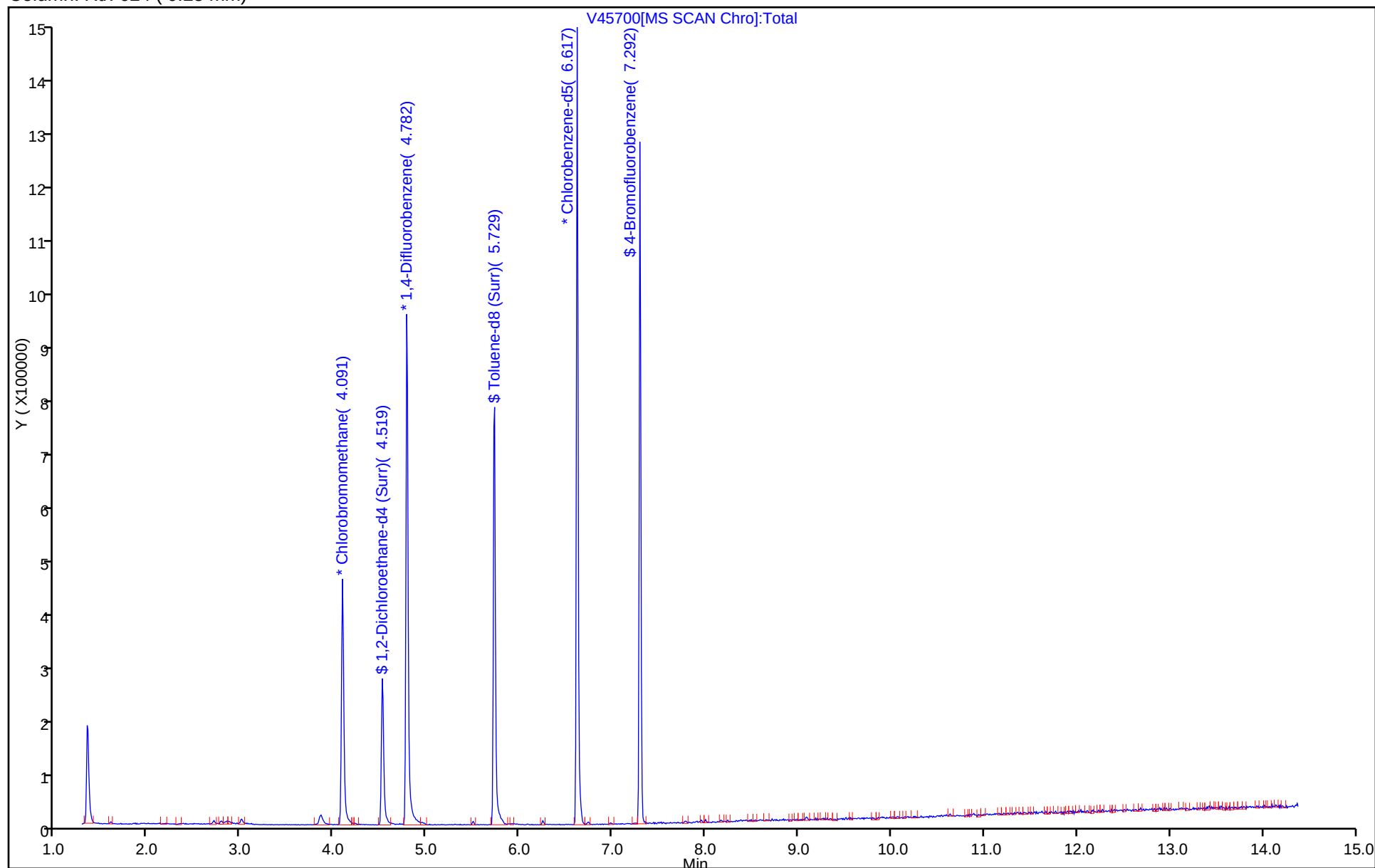
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-116377-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-8A 06302016</u>	Lab Sample ID: <u>460-116377-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>V45730.D</u>
Analysis Method: <u>OLM04.2/VOL</u>	Date Collected: <u>06/30/2016 08:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/08/2016 02:35</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>377886</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	14		10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	120		10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	6.8	J	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Client Sample ID: FSMW-8A 06302016 Lab Sample ID: 460-116377-5
Matrix: Water Lab File ID: V45730.D
Analysis Method: OLM04.2/VOL Date Collected: 06/30/2016 08:05
Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 02:35
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		76-114
2037-26-5	Toluene-d8 (Surr)	102		88-110
460-00-4	4-Bromofluorobenzene	97		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45730.D
 Lims ID: 460-116377-C-5
 Client ID: FSMW-8A 06302016
 Sample Type: Client
 Inject. Date: 08-Jul-2016 02:35:30 ALS Bottle#: 18 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-116377-C-5
 Misc. Info.: 460-0043044-018
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Jul-2016 03:25:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	98	59081	13.9	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	75	111292	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	165387	50.8	
* 4 1,4-Difluorobenzene	114	4.790	4.782	0.008	93	622717	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	92	30688	6.81	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.008	99	399190	51.0	
46 Tetrachloroethene	164	6.091	6.091	0.000	97	473141	119.6	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	589931	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	278320	48.5	

Reagents:

VMC4.2ISi_00116 Amount Added: 5.00 Units: uL Run Reagent
 VMC4.2SU_00111 Amount Added: 2.50 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45730.D

Injection Date: 08-Jul-2016 02:35:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116377-C-5

Lab Sample ID: 460-116377-5

Worklist Smp#: 18

Client ID: FSMW-8A 06302016

Purge Vol: 5.000 mL

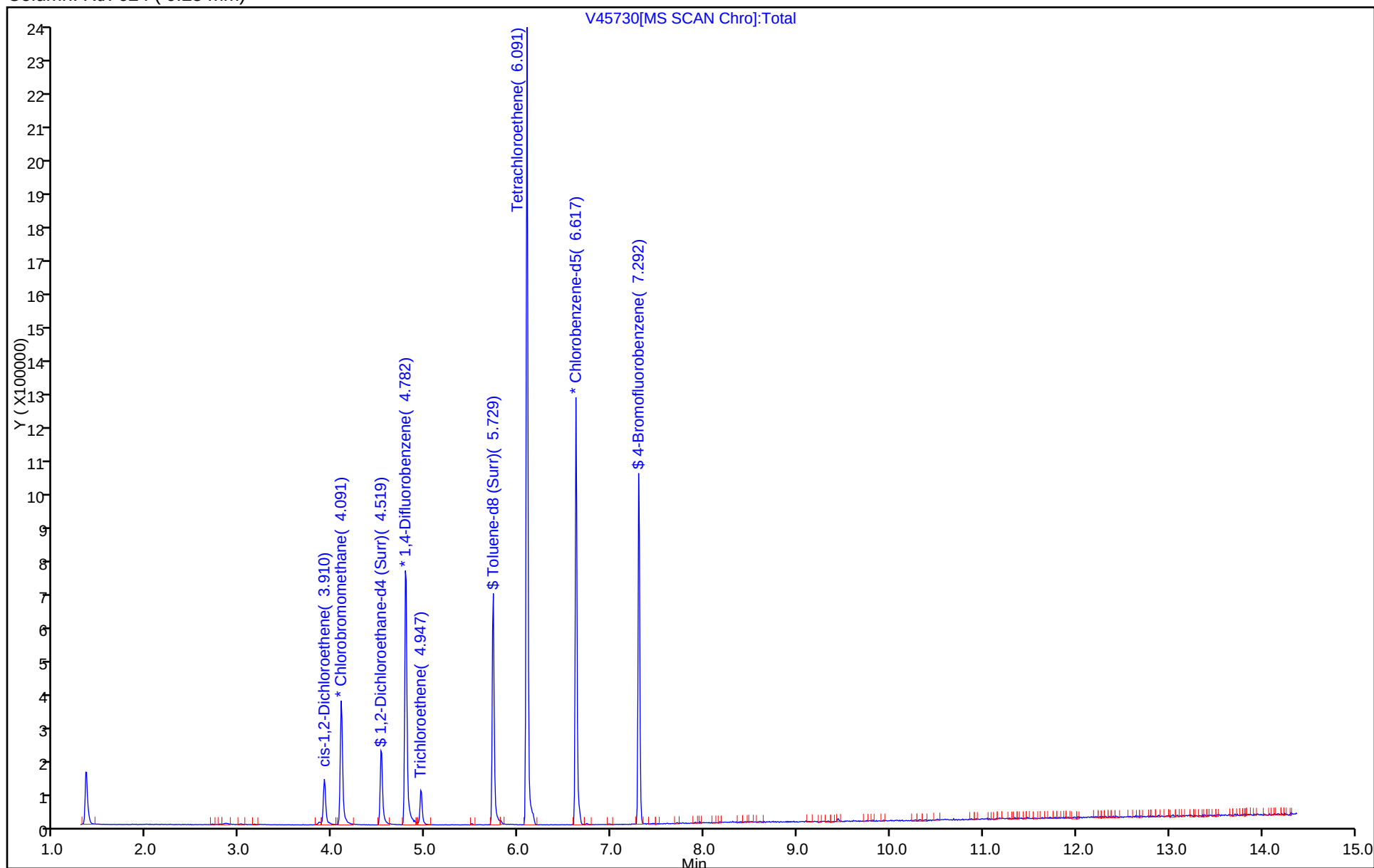
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45730.D

Injection Date: 08-Jul-2016 02:35:30

Instrument ID: CVOAMS7

Lims ID: 460-116377-C-5

Lab Sample ID: 460-116377-5

Client ID: FSMW-8A 06302016

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: OLM04.2LLW7

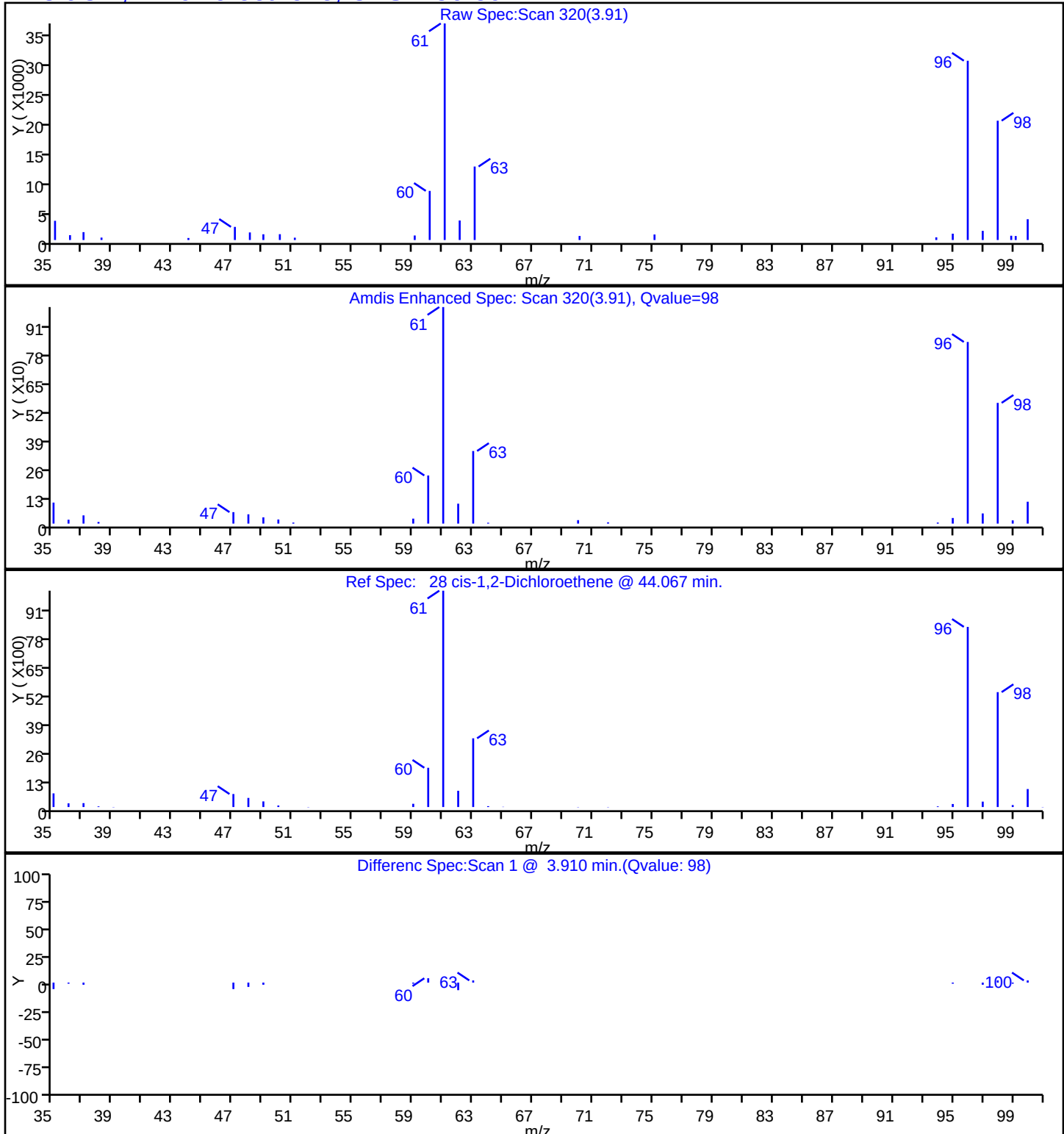
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45730.D

Injection Date: 08-Jul-2016 02:35:30

Instrument ID: CVOAMS7

Lims ID: 460-116377-C-5

Lab Sample ID: 460-116377-5

Client ID: FSMW-8A 06302016

Operator ID:

ALS Bottle#:

Worklist Smp#: 18

Purge Vol: 5.000 mL

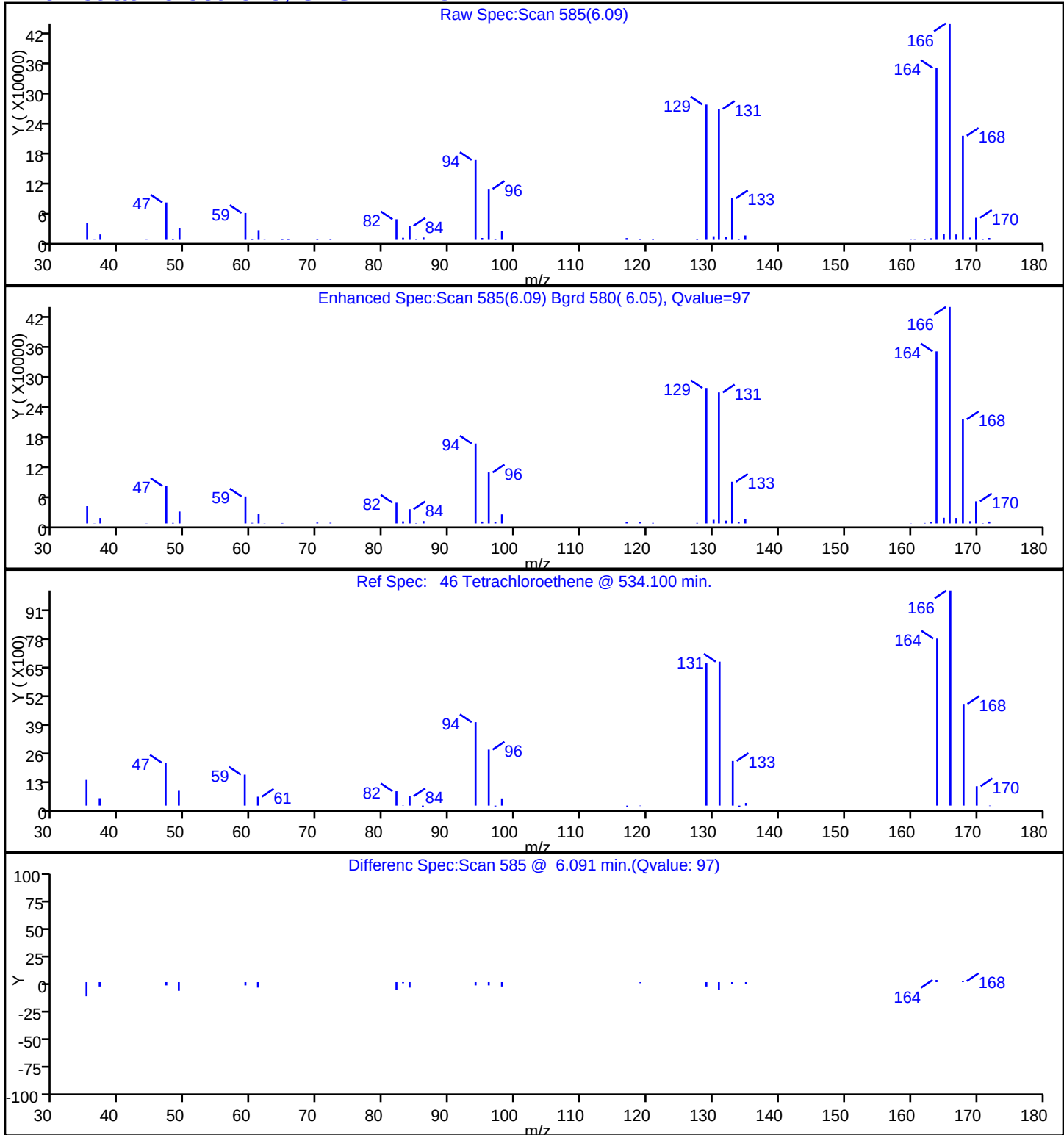
Dil. Factor: 1.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

46 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45730.D

Injection Date: 08-Jul-2016 02:35:30

Instrument ID: CVOAMS7

Lims ID: 460-116377-C-5

Lab Sample ID: 460-116377-5

Client ID: FSMW-8A 06302016

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: OLM04.2LLW7

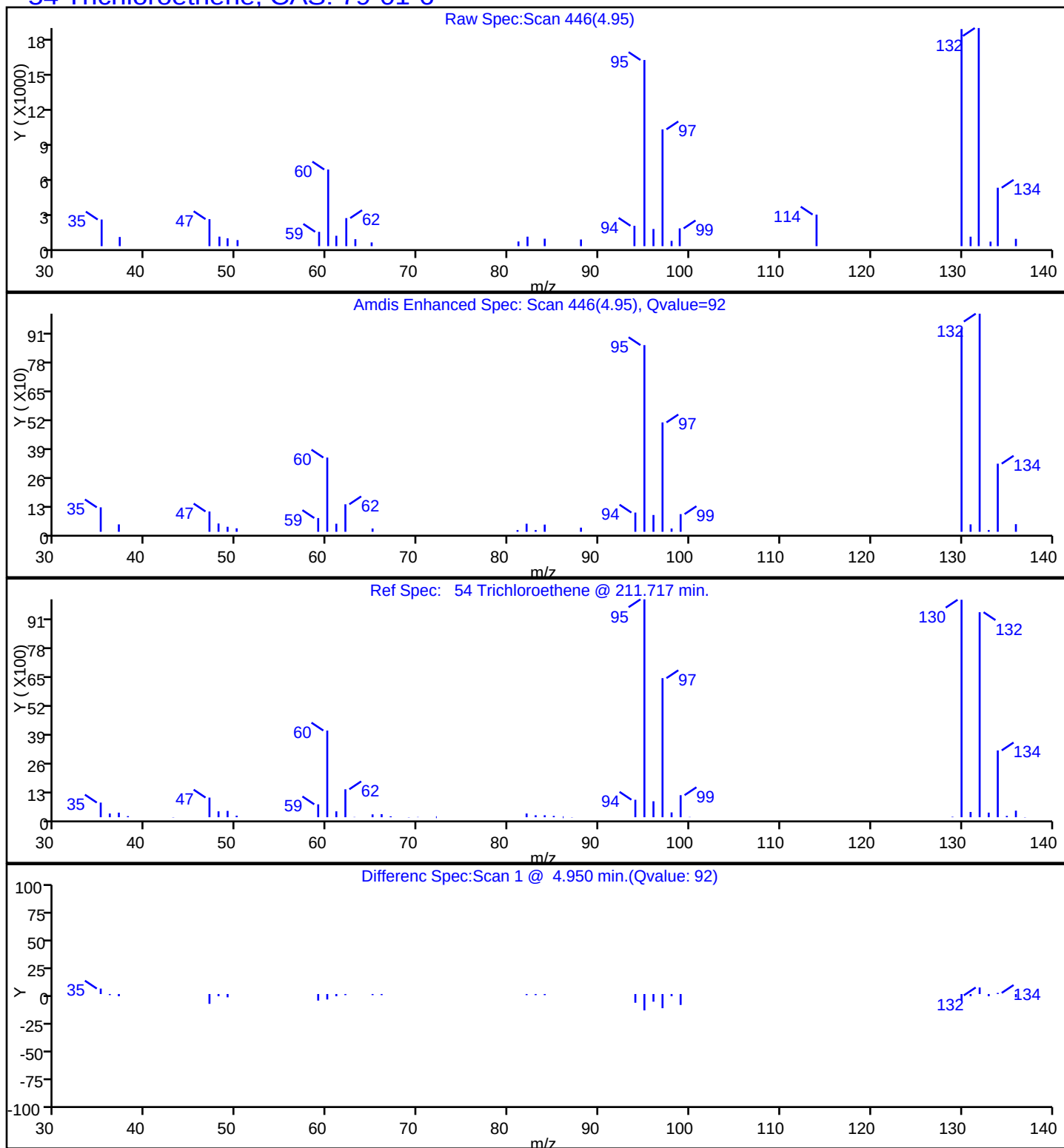
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

54 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-116377-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-14B 06302016</u>	Lab Sample ID: <u>460-116377-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>V45708.D</u>
Analysis Method: <u>OLM04.2/VOL</u>	Date Collected: <u>06/30/2016 12:20</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/07/2016 13:07</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>20</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>377690</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	200	2.0
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	200	2.0
79-00-5	1,1,2-Trichloroethane	2.0	U	200	2.0
75-34-3	1,1-Dichloroethane	2.0	U	200	2.0
75-35-4	1,1-Dichloroethene	2.0	U	200	2.0
107-06-2	1,2-Dichloroethane	2.0	U	200	2.0
78-87-5	1,2-Dichloropropane	2.0	U	200	2.0
78-93-3	2-Butanone (MEK)	2.0	U	200	2.0
591-78-6	2-Hexanone	2.0	U	200	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	U	200	2.0
67-64-1	Acetone	2.0	U	200	2.0
71-43-2	Benzene	2.0	U	200	2.0
75-27-4	Dichlorobromomethane	2.0	U	200	2.0
75-25-2	Bromoform	2.0	U	200	2.0
74-83-9	Bromomethane	2.0	U	200	2.0
75-15-0	Carbon disulfide	2.0	U	200	2.0
56-23-5	Carbon tetrachloride	2.0	U	200	2.0
108-90-7	Chlorobenzene	2.0	U	200	2.0
124-48-1	Chlorodibromomethane	2.0	U	200	2.0
75-00-3	Chloroethane	2.0	U	200	2.0
67-66-3	Chloroform	2.0	U	200	2.0
74-87-3	Chloromethane	2.0	U	200	2.0
156-59-2	cis-1,2-Dichloroethene	2.0	U	200	2.0
10061-01-5	cis-1,3-Dichloropropene	2.0	U	200	2.0
100-41-4	Ethylbenzene	2.0	U	200	2.0
75-09-2	Methylene Chloride	2.0	U	200	2.0
100-42-5	Styrene	2.0	U	200	2.0
127-18-4	Tetrachloroethene	2000		200	2.0
108-88-3	Toluene	2.0	U	200	2.0
156-60-5	trans-1,2-Dichloroethene	2.0	U	200	2.0
10061-02-6	trans-1,3-Dichloropropene	2.0	U	200	2.0
79-01-6	Trichloroethene	23	J	200	2.0
75-01-4	Vinyl chloride	2.0	U	200	2.0
1330-20-7	Xylenes, Total	2.0	U	200	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Client Sample ID: FSMW-14B 06302016 Lab Sample ID: 460-116377-6
Matrix: Water Lab File ID: V45708.D
Analysis Method: OLM04.2/VOL Date Collected: 06/30/2016 12:20
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 13:07
Soil Aliquot Vol: _____ Dilution Factor: 20
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		76-114
2037-26-5	Toluene-d8 (Surr)	98		88-110
460-00-4	4-Bromofluorobenzene	99		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45708.D
 Lims ID: 460-116377-A-6
 Client ID: FSMW-14B 06302016
 Sample Type: Client
 Inject. Date: 07-Jul-2016 13:07:30 ALS Bottle#: 26 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 20.0000
 Sample Info: 460-116377-A-6
 Misc. Info.: 460-0042999-026
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:35:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	78	121803	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	181099	53.8	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	703564	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	90	5512	1.13	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	445977	48.8	
46 Tetrachloroethene	164	6.091	6.091	0.000	97	397849	102.3	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	666277	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	94	309142	49.6	

Reagents:

VMC4.2SU_00111 Amount Added: 2.50 Units: uL
 VMC4.2ISi_00116 Amount Added: 5.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45708.D

Injection Date: 07-Jul-2016 13:07:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116377-A-6

Lab Sample ID: 460-116377-6

Worklist Smp#: 26

Client ID: FSMW-14B 06302016

Purge Vol: 5.000 mL

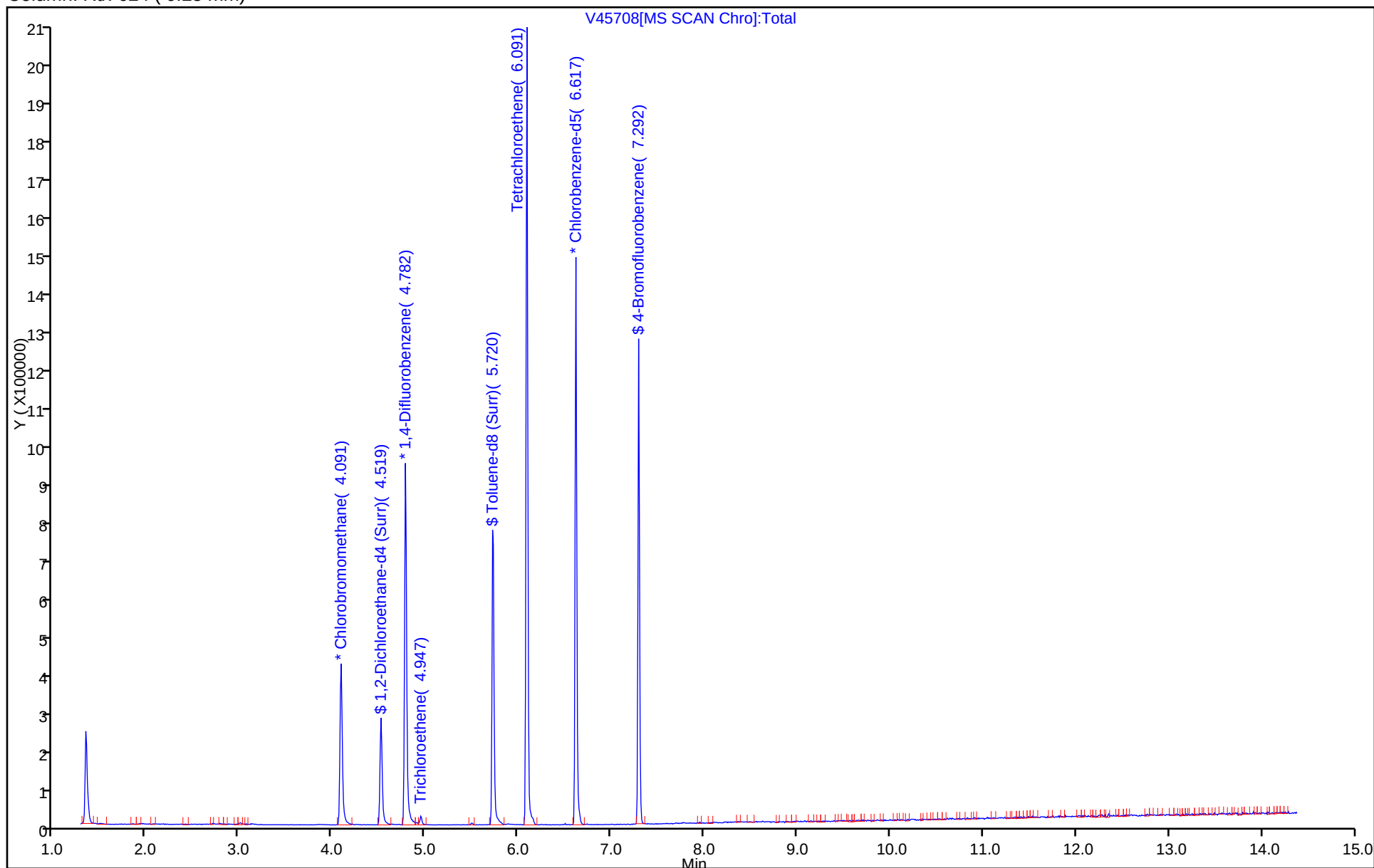
Dil. Factor: 20.0000

ALS Bottle#: 26

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45708.D

Injection Date: 07-Jul-2016 13:07:30

Instrument ID: CVOAMS7

Lims ID: 460-116377-A-6

Lab Sample ID: 460-116377-6

Client ID: FSMW-14B 06302016

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

26

Purge Vol: 5.000 mL

Dil. Factor:

20.0000

Method: OLM04.2LLW7

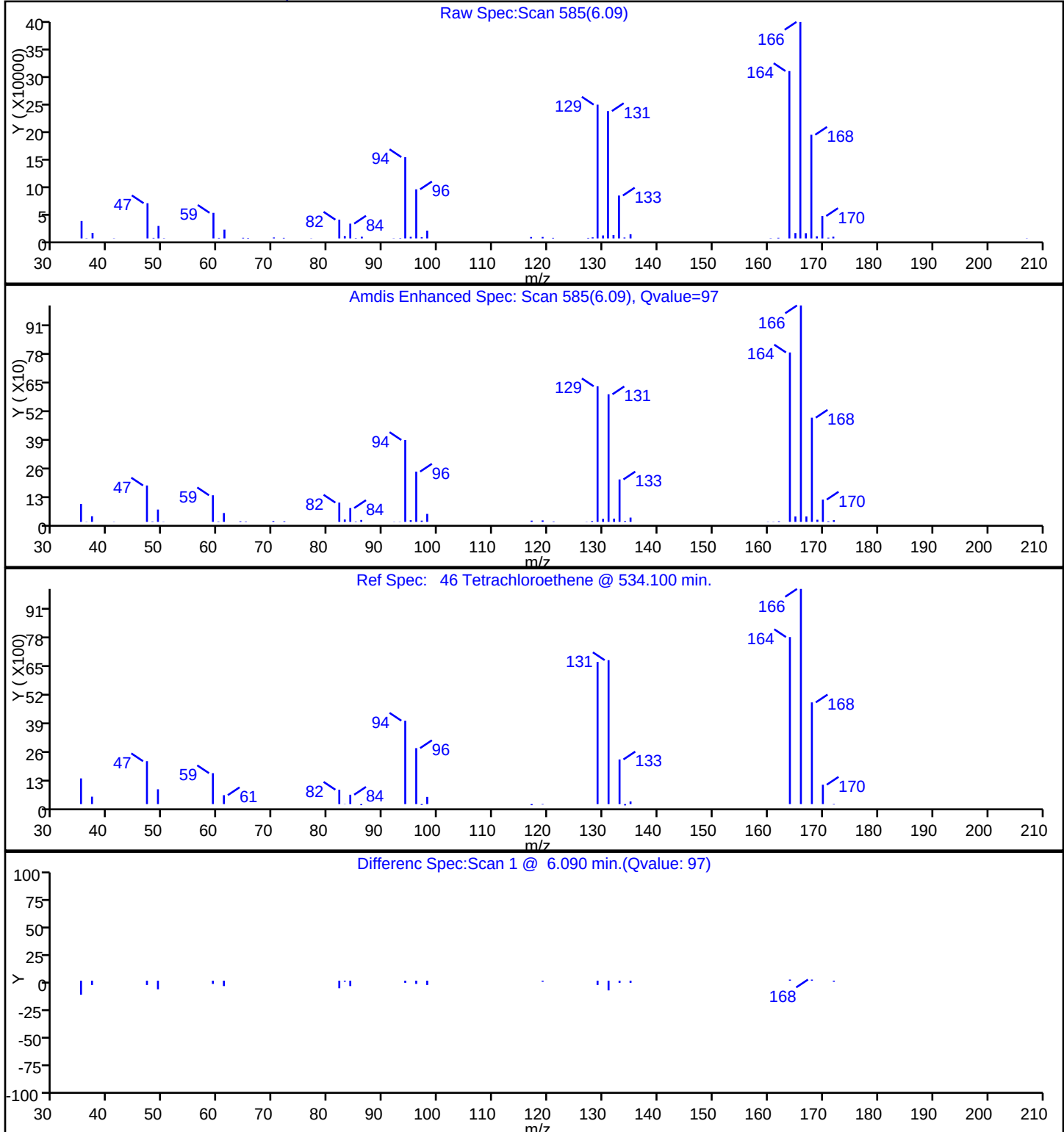
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

46 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45708.D

Injection Date: 07-Jul-2016 13:07:30

Instrument ID: CVOAMS7

Lims ID: 460-116377-A-6

Lab Sample ID: 460-116377-6

Client ID: FSMW-14B 06302016

Operator ID:

ALS Bottle#:

Worklist Smp#: 26

Purge Vol: 5.000 mL

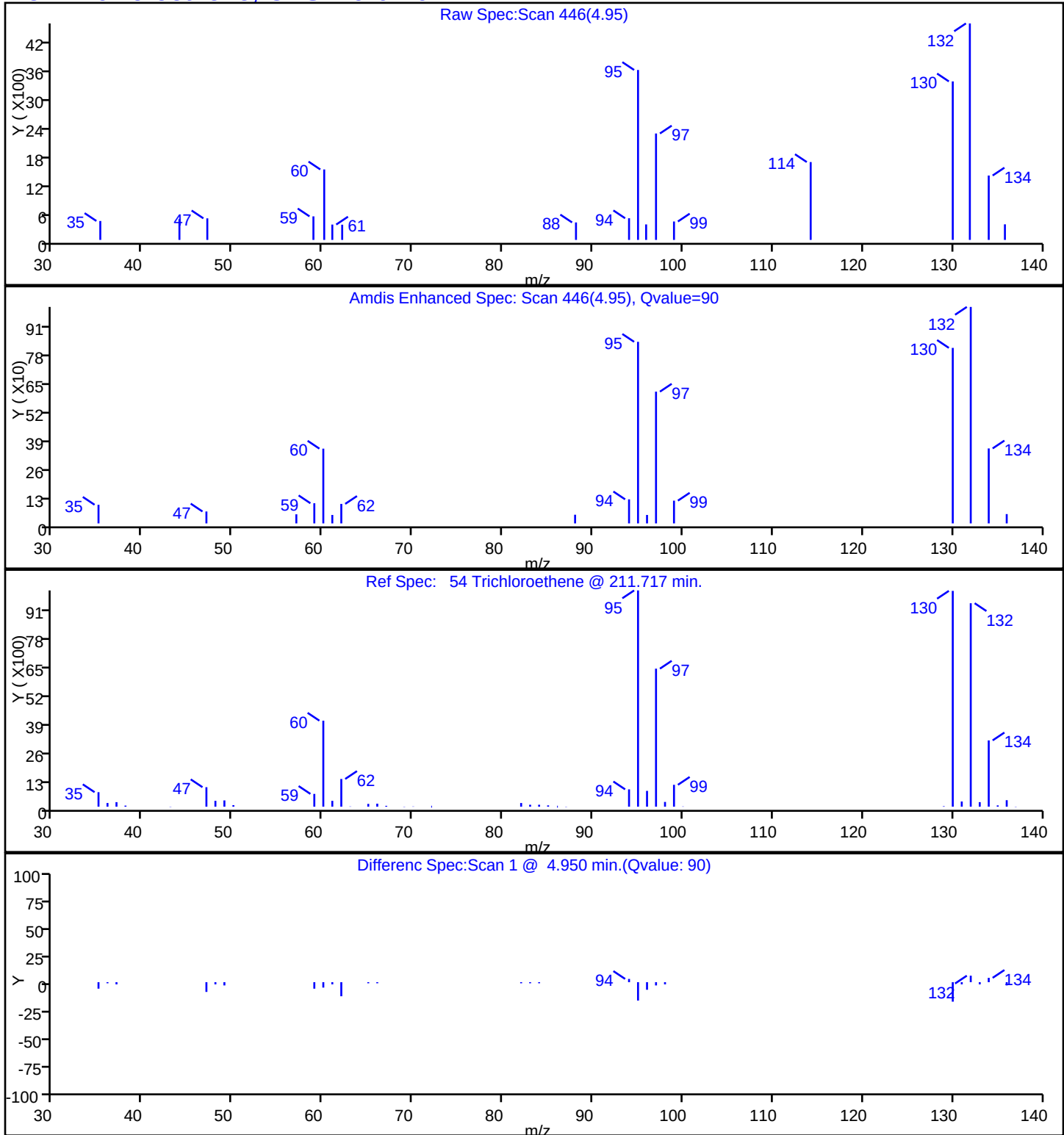
Dil. Factor: 20.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 Trichloroethene, CAS: 79-01-6

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

Lab Name: TestAmerica Edison Job No.: 460-116377-1 Analy Batch No.: 377690

SDG No.: _____

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/07/2016 03:38 Calibration End Date: 07/07/2016 06:17 Calibration ID: 56633

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-377690/3	V45685.D
Level 2	STD20 460-377690/4	V45686.D
Level 3	STD50 460-377690/9	V45691.D
Level 4	STD100 460-377690/5	V45687.D
Level 5	STD200 460-377690/6	V45688.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	0.1075	0.1850	0.1843	0.2052	0.2094	Ave		0.1783			0.0100	23.1		100.0			
Chlorotrifluoromethane	0.3066	0.4014	0.3838	0.4615	0.4582	Ave		0.4023			0.0100	15.8		100.0			
Chlorotrifluoroethene	0.4766	0.4743	0.5185	0.5791	0.6125	Ave		0.5322			0.0100	11.6		100.0			
1,1-Difluoroethane	1.9455	1.6223	1.6183	1.7841	1.8071	Ave		1.7555			0.0100	7.9		100.0			
Dichlorodifluoromethane	1.4323	1.3006	1.2226	1.2409	1.1838	Ave		1.2760			0.0100	7.6		100.0			
Chlorodifluoromethane	3.4231	2.2348	2.0876	2.2810	2.3244	Ave		2.4702			0.0100	21.9		100.0			
Chloromethane	2.3433	2.0461	1.9831	2.0555	2.1495	Ave		2.1155			0.0100	6.6		100.0			
Vinyl chloride	1.9618	1.6858	1.8242	1.8076	1.9872	Ave		1.8533			0.1000	6.6		20.5			
Bromomethane	0.9232	0.9412	1.0731	1.0159	1.1267	Ave		1.0160			0.1000	8.5		20.5			
Chloroethane	1.4824	1.1213	1.1630	1.1733	1.2158	Ave		1.2312			0.0100	11.7		100.0			
Trichlorofluoromethane	2.8303	2.9652	2.6932	2.8110	2.5257	Ave		2.7651			0.0100	6.0		100.0			
1,2-Dichloro-1,1,2-trifluoroethane	2.0637	1.6118	1.5594	1.7476	1.7419	Ave		1.7449			0.0100	11.2		100.0			
1,1,1-Trifluoro-2,2-dichloroethane	2.3226	1.9259	1.9501	2.1080	2.1092	Ave		2.0832			0.0100	7.6		100.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2595	1.5198	1.3514	1.4744	1.3176	Ave		1.3845			0.0100	7.9		100.0			
1,1-Dichloroethene	1.5093	1.3364	1.5067	1.4851	1.5658	Ave		1.4807			0.1000	5.8		20.5			
Acetone	1.5190	0.5344	0.5657	0.6761	0.6509	Ave		0.7892			0.0100	52.2		100.0			
Carbon disulfide	5.7008	4.2982	4.5925	4.6170	4.7095	Ave		4.7836			0.0100	11.2		100.0			
Methyl acetate	1.5235	1.6206	1.5755	1.5887	1.5910	Ave		1.5799			0.0100	2.3		100.0			
Methylene Chloride	2.2179	1.9341	1.8917	1.8664	1.8392	Ave		1.9499			0.0100	7.9		100.0			
Methyl tert-butyl ether	5.1754	5.7826	5.9839	6.1124	6.0593	Ave		5.8227			0.0100	6.6		100.0			
trans-1,2-Dichloroethene	1.9227	1.6757	1.7137	1.7072	1.7761	Ave		1.7591			0.0100	5.6		100.0			
1,1-Dichloroethane	3.1086	2.9843	2.9178	2.9362	2.9989	Ave		2.9892			0.2000	2.5		20.5			
cis-1,2-Dichloroethene	1.8716	1.9163	1.9267	1.9641	2.0181	Ave		1.9393			0.0100	2.8		100.0			
2-Butanone (MEK)	1.0068	0.8191	0.8953	0.9413	0.9437	Ave		0.9212			0.0100	7.5		100.0			
Chloroform	3.5800	3.3244	3.3493	3.4124	3.4204	Ave		3.4173			0.2000	2.9		20.5			
Cyclohexane	0.3222	0.3780	0.3807	0.4027	0.3625	Ave		0.3692			0.0100	8.1		100.0			
1,1,1-Trichloroethane	0.6554	0.4962	0.5268	0.5437	0.5568	Ave		0.5558			0.1000	10.8		20.5			
Carbon tetrachloride	0.3826	0.3199	0.3841	0.4172	0.4474	Ave		0.3902			0.1000	12.2		20.5			
Benzene	1.2749	1.1981	1.2005	1.2340	1.2595	Ave		1.2334			0.5000	2.8		20.5			
1,2-Dichloroethane	2.7287	2.8295	2.8251	2.8581	2.8426	Ave		2.8168			0.1000	1.8		20.5			
Trichloroethene	0.4151	0.3378	0.3462	0.3628	0.3647	Ave		0.3653			0.3000	8.2		20.5			
Methylcyclohexane	0.3325	0.4174	0.4115	0.4363	0.3840	Ave		0.3964			0.0100	10.2		100.0			

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.: 460-116377-1 Analy Batch No.: 377690

SDG No.: _____

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/07/2016 03:38 Calibration End Date: 07/07/2016 06:17 Calibration ID: 56633

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloropropane	0.3428	0.2931	0.2920	0.3064	0.3052	Ave		0.3079			0.0100	6.7		100.0			
Dichlorobromomethane	0.4590	0.4522	0.4630	0.4738	0.4710	Ave		0.4638			0.2000	1.9		20.5			
cis-1,3-Dichloropropene	0.4808	0.4895	0.5259	0.5460	0.5482	Ave		0.5181			0.2000	6.1		20.5			
4-Methyl-2-pentanone (MIBK)	0.3140	0.3111	0.3182	0.3261	0.3390	Ave		0.3217			0.0100	3.5		100.0			
Toluene	1.3688	1.4064	1.3553	1.4258	1.4635	Ave		1.4039			0.4000	3.1		20.5			
trans-1,3-Dichloropropene	0.4518	0.4807	0.5001	0.5348	0.5436	Ave		0.5022			0.1000	7.6		20.5			
1,1,2-Trichloroethane	0.3102	0.3232	0.3236	0.3384	0.3375	Ave		0.3266			0.1000	3.6		20.5			
Tetrachloroethene	0.4335	0.2867	0.2918	0.3189	0.3376	Ave		0.3337			0.2000	17.8		20.5			
2-Hexanone	0.1987	0.2059	0.2115	0.2210	0.2357	Ave		0.2145			0.0100	6.7		100.0			
Chlorodibromomethane	0.4784	0.4604	0.4555	0.4732	0.4807	Ave		0.4696			0.1000	2.4		20.5			
Ethylene Dibromide	0.3378	0.3656	0.3653	0.3667	0.3713	Ave		0.3613			0.0100	3.7		100.0			
Chlorobenzene	1.0610	0.9944	0.9655	0.9949	1.0031	Ave		1.0038			0.5000	3.5		20.5			
Ethylbenzene	0.5285	0.4784	0.4640	0.4910	0.5076	Ave		0.4939			0.1000	5.1		20.5			
m-Xylene & p-Xylene	1.2290	1.1969	1.1832	1.2583	1.3180	Ave		0.6045			0.3000	5.8		100.0			
o-Xylene	0.5608	0.5901	0.5917	0.6314	0.6485	Ave		0.6045			0.3000	5.8		100.0			
Styrene	0.8770	1.0270	1.0476	1.1144	1.1413	Ave		1.0414			0.3000	9.9		20.5			
Bromoform	0.2912	0.3365	0.3550	0.3750	0.3815	Ave		0.3478			0.1000	10.4		20.5			
Isopropylbenzene	1.2526	1.5058	1.5028	1.5140	1.4366	Ave		1.4424			0.0100	7.7		100.0			
1,1,2,2-Tetrachloroethane	0.4400	0.4614	0.4514	0.4542	0.4711	Ave		0.4556			0.3000	2.5		20.5			
1,3-Dichlorobenzene	0.6381	0.8031	0.8107	0.8034	0.7780	Ave		0.7667			0.6000	9.5		20.5			
1,4-Dichlorobenzene	0.6677	0.8065	0.8307	0.8329	0.8079	Ave		0.7891			0.5000	8.7		20.5			
1,2-Dichlorobenzene	0.6702	0.7890	0.7948	0.7868	0.7686	Ave		0.7619			0.4000	6.8		20.5			
1,2-Dibromo-3-Chloropropane	0.0919	0.0868	0.0876	0.0900	0.0913	Ave		0.0895			0.0100	2.5		100.0			
1,2,4-Trichlorobenzene	0.3886	0.3857	0.4146	0.4172	0.4058	Ave		0.4024			0.2000	3.6		20.5			
1,2-Dichloroethane-d4 (Surr)	1.6863	1.5864	1.3825	1.7910	1.8249	Ave		1.6542			0.0100	10.8		100.0			
Toluene-d8 (Surr)	0.7372	0.7564	0.6860	0.8020	0.8083	Ave		0.7580			0.0100	6.6		100.0			
4-Bromofluorobenzene	0.5302	0.4353	0.4680	0.4822	0.4801	Ave		0.4792			0.2000	7.1		20.5			

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.: 460-116377-1 Analy Batch No.: 377690

SDG No.: _____

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/07/2016 03:38 Calibration End Date: 07/07/2016 06:17 Calibration ID: 56633

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-377690/3	V45685.D
Level 2	STD20 460-377690/4	V45686.D
Level 3	STD50 460-377690/9	V45691.D
Level 4	STD100 460-377690/5	V45687.D
Level 5	STD200 460-377690/6	V45688.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Monochloropentafluoroethane	BCM	Ave	311	10245	25262	58657	119732	1.00	20.0	50.0	100	200
Chlorotrifluoromethane	BCM	Ave	887	22234	52618	131910	261980	1.00	20.0	50.0	100	200
Chlorotrifluoroethene	BCM	Ave	1379	26271	71080	165532	350222	1.00	20.0	50.0	100	200
1,1-Difluoroethane	BCM	Ave	5629	89850	221838	509979	1033302	1.00	20.0	50.0	100	200
Dichlorodifluoromethane	BCM	Ave	4144	72033	167591	354694	676914	1.00	20.0	50.0	100	200
Chlorodifluoromethane	BCM	Ave	9904	123774	286162	652016	1329088	1.00	20.0	50.0	100	200
Chloromethane	BCM	Ave	6780	113321	271838	587547	1229057	1.00	20.0	50.0	100	200
Vinyl chloride	BCM	Ave	5676	93368	250061	516686	1136298	1.00	20.0	50.0	100	200
Bromomethane	BCM	Ave	2671	52128	147094	290404	644245	1.00	20.0	50.0	100	200
Chloroethane	BCM	Ave	4289	62103	159421	335384	695203	1.00	20.0	50.0	100	200
Trichlorofluoromethane	BCM	Ave	8189	164226	369188	803504	1444173	1.00	20.0	50.0	100	200
1,2-Dichloro-1,1,2-trifluoroethane	BCM	Ave	5971	89271	213761	499532	995997	1.00	20.0	50.0	100	200
1,1,1-Trifluoro-2,2-dichloroethane	BCM	Ave	6720	106669	267314	602569	1206066	1.00	20.0	50.0	100	200
1,1,2-Trichloro-1,1,2,2-trifluoroethane	BCM	Ave	3644	84175	185245	421456	753391	1.00	20.0	50.0	100	200
1,1-Dichloroethene	BCM	Ave	4367	74017	206544	424499	895297	1.00	20.0	50.0	100	200
Acetone	BCM	Ave	4395	29599	77549	193253	372185	1.00	20.0	50.0	100	200
Carbon disulfide	BCM	Ave	16494	238058	629541	1319747	2692906	1.00	20.0	50.0	100	200
Methyl acetate	BCM	Ave	4408	89758	215968	454113	909734	1.00	20.0	50.0	100	200
Methylene Chloride	BCM	Ave	6417	107120	259321	533501	1051670	1.00	20.0	50.0	100	200
Methyl tert-butyl ether	BCM	Ave	14974	320273	820268	1747198	3464729	1.00	20.0	50.0	100	200
trans-1,2-Dichloroethene	BCM	Ave	5563	92807	234915	487990	1015594	1.00	20.0	50.0	100	200
1,1-Dichloroethane	BCM	Ave	8994	165287	399976	839315	1714769	1.00	20.0	50.0	100	200
cis-1,2-Dichloroethene	BCM	Ave	5415	106133	264113	561425	1153964	1.00	20.0	50.0	100	200
2-Butanone (MEK)	BCM	Ave	2913	45367	122734	269053	539612	1.00	20.0	50.0	100	200
Chloroform	BCM	Ave	10358	184123	459121	975411	1955797	1.00	20.0	50.0	100	200
Cyclohexane	DFBZ	Ave	5245	122019	303221	672826	1221928	1.00	20.0	50.0	100	200
1,1,1-Trichloroethane	DFBZ	Ave	10668	160199	419597	908332	1876987	1.00	20.0	50.0	100	200
Carbon tetrachloride	DFBZ	Ave	6228	103286	305950	696970	1508161	1.00	20.0	50.0	100	200
Benzene	DFBZ	Ave	20752	386776	956159	2061520	4245708	1.00	20.0	50.0	100	200
1,2-Dichloroethane	BCM	Ave	7895	156710	387268	816972	1625397	1.00	20.0	50.0	100	200
Trichloroethene	DFBZ	Ave	6757	109068	275713	606148	1229524	1.00	20.0	50.0	100	200
Methylcyclohexane	DFBZ	Ave	5413	134752	327794	728965	1294399	1.00	20.0	50.0	100	200
1,2-Dichloropropane	DFBZ	Ave	5580	94620	232550	511934	1028716	1.00	20.0	50.0	100	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-116377-1 Analy Batch No.: 377690

SDG No.: _____

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/07/2016 03:38 Calibration End Date: 07/07/2016 06:17 Calibration ID: 56633

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorobromomethane	DFBZ	Ave	7471	145974	368773	791589	1587796	1.00	20.0	50.0	100	200
cis-1,3-Dichloropropene	DFBZ	Ave	7826	158031	418856	912194	1847837	1.00	20.0	50.0	100	200
4-Methyl-2-pentanone (MIBK)	CBNZd	Ave	4618	93230	244636	535042	1109592	1.00	20.0	50.0	100	200
Toluene	CBNZd	Ave	20128	421526	1041896	2339579	4790510	1.00	20.0	50.0	100	200
trans-1,3-Dichloropropene	DFBZ	Ave	7354	155177	398353	893491	1832520	1.00	20.0	50.0	100	200
1,1,2-Trichloroethane	DFBZ	Ave	5050	104353	257781	565269	1137809	1.00	20.0	50.0	100	200
Tetrachloroethene	CBNZd	Ave	6374	85936	224367	523268	1104931	1.00	20.0	50.0	100	200
2-Hexanone	CBNZd	Ave	2922	61702	162572	362722	771404	1.00	20.0	50.0	100	200
Chlorodibromomethane	CBNZd	Ave	7035	137982	350180	776419	1573404	1.00	20.0	50.0	100	200
Ethylene Dibromide	CBNZd	Ave	4967	109587	280847	601774	1215382	1.00	20.0	50.0	100	200
Chlorobenzene	CBNZd	Ave	15602	298033	742229	1632569	3283505	1.00	20.0	50.0	100	200
Ethylbenzene	CBNZd	Ave	7772	143373	356743	805675	1661730	1.00	20.0	50.0	100	200
m-Xylene & p-Xylene	CBNZd	Ave	18072	358723	909634	2064715	4314409	1.00	20.0	50.0	100	200
o-Xylene	CBNZd	Ave	8246	176854	454875	1036112	2122666	1.00	20.0	50.0	100	200
Styrene	CBNZd	Ave	12896	307813	805385	1828585	3735852	1.00	20.0	50.0	100	200
Bromoform	DFBZ	Ave	4740	108631	282771	626450	1286133	1.00	20.0	50.0	100	200
Isopropylbenzene	CBNZd	Ave	18419	451318	1155317	2484387	4702560	1.00	20.0	50.0	100	200
1,1,2,2-Tetrachloroethane	CBNZd	Ave	6470	138298	346999	745392	1541999	1.00	20.0	50.0	100	200
1,3-Dichlorobenzene	CBNZd	Ave	9383	240697	623230	1318391	2546704	1.00	20.0	50.0	100	200
1,4-Dichlorobenzene	CBNZd	Ave	9818	241723	638629	1366724	2644703	1.00	20.0	50.0	100	200
1,2-Dichlorobenzene	CBNZd	Ave	9856	236482	611043	1291068	2515958	1.00	20.0	50.0	100	200
1,2-Dibromo-3-Chloropropane	CBNZd	Ave	1351	26020	67355	147710	298967	1.00	20.0	50.0	100	200
1,2,4-Trichlorobenzene	CBNZd	Ave	5714	115597	318728	684654	1328370	1.00	20.0	50.0	100	200
1,2-Dichloroethane-d4 (Surr)	BCM	Ave	4882	87918	189628	512290	1044133	1.00	20.0	50.0	100	200
Toluene-d8 (Surr)	CBNZd	Ave	10845	226769	527563	1316534	2646801	1.00	20.0	50.0	100	200
4-Bromofluorobenzene	CBNZd	Ave	7800	130518	359929	791633	1572345	1.00	20.0	50.0	100	200

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45685.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 07-Jul-2016 03:38:30 ALS Bottle#: 3 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0042999-003
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 04:11:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.350	1.359	-0.009	1	311	1.00	0.6030	M
27 Chlorotrifluoromethane	69	1.367	1.359	0.008	32	887	1.00	0.7620	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	22	1379	1.00	0.8955	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	96	5629	1.00	1.11	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	44	4144	1.00	1.12	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	9904	1.00	1.39	
39 Chloromethane	50	1.655	1.655	0.000	98	6780	1.00	1.11	
12 Vinyl chloride	62	1.737	1.737	0.000	94	5676	1.00	1.06	
65 Bromomethane	94	2.001	2.000	0.001	68	2671	1.00	0.9086	
23 Chloroethane	64	2.083	2.075	0.009	98	4289	1.00	1.20	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	98	8189	1.00	1.02	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	5971	1.00	1.18	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	91	6720	1.00	1.11	
49 1,1,2-Trichloro-1,2,2-trif	101	2.593	2.585	0.008	95	3644	1.00	0.9097	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	93	4367	1.00	1.02	
14 Acetone	43	2.708	2.700	0.008	86	4395	1.00	1.92	
3 Carbon disulfide	76	2.791	2.790	0.001	97	16494	1.00	1.19	
50 Methyl acetate	43	2.906	2.906	0.000	60	4408	1.00	0.9643	
40 Methylene Chloride	84	3.005	3.004	0.001	80	6417	1.00	1.14	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	14974	1.00	0.8888	
63 trans-1,2-Dichloroethene	96	3.161	3.153	0.008	89	5563	1.00	1.09	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	66	8994	1.00	1.04	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	87	5415	1.00	0.9650	
57 2-Butanone (MEK)	43	3.926	3.918	0.008	63	2913	1.00	1.09	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	144665	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	92	10358	1.00	1.05	
8 Cyclohexane	56	4.231	4.231	0.000	70	5245	1.00	0.8727	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	94	10668	1.00	1.18	
6 Carbon tetrachloride	117	4.346	4.338	0.008	54	6228	1.00	0.9804	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.510	0.001	97	20752	1.00	1.03	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	4882	1.00	1.02	
43 1,2-Dichloroethane	62	4.577	4.568	0.008	96	7895	1.00	0.9687	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	813890	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	6757	1.00	1.14	
55 Methylcyclohexane	83	5.037	5.029	0.008	92	5413	1.00	0.8390	
58 1,2-Dichloropropane	63	5.136	5.128	0.008	85	5580	1.00	1.11	
20 Dichlorobromomethane	83	5.301	5.301	0.000	97	7471	1.00	0.9896	
10 cis-1,3-Dichloropropene	75	5.589	5.589	0.000	90	7826	1.00	0.9280	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	55	4618	1.00	0.9763	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.009	98	10845	1.00	0.9730	
30 Toluene	91	5.770	5.770	0.000	93	20128	1.00	0.9750	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	93	7354	1.00	0.8996	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	95	5050	1.00	0.9499	
46 Tetrachloroethene	164	6.091	6.091	0.000	92	6374	1.00	1.30	
7 2-Hexanone	43	6.190	6.181	0.009	49	2922	1.00	0.9262	
32 Chlorodibromomethane	129	6.288	6.288	0.000	90	7035	1.00	1.02	
48 Ethylene Dibromide	107	6.371	6.370	0.001	96	4967	1.00	0.9348	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	735259	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	96	15602	1.00	1.06	
62 Ethylbenzene	106	6.667	6.667	0.000	97	7772	1.00	1.07	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	18072	1.00	2.03	
25 o-Xylene	106	6.971	6.971	0.000	94	8246	1.00	0.9277	
17 Styrene	104	6.988	6.988	0.000	99	12896	1.00	0.8421	
51 Bromoform	173	7.119	7.128	-0.009	94	4740	1.00	0.8371	
42 Isopropylbenzene	105	7.169	7.169	0.000	94	18419	1.00	0.8684	
\$ 26 4-Bromofluorobenzene	174	7.301	7.292	0.009	90	7800	1.00	1.11	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	96	6470	1.00	0.9657	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	94	9383	1.00	0.8323	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	95	9818	1.00	0.8461	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	93	9856	1.00	0.8797	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	88	1351	1.00	1.03	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	88	5714	1.00	0.9657	
S 9 Xylenes, Total	106				0	8246	1.00	0.9277	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

VMCLPFREOW_00107

Amount Added: 0.50

Units: uL

VMC4.2Oi_00109

Amount Added: 0.50

Units: uL

VMC4.2_00127

Amount Added: 0.50

Units: uL

VMC4.2SU_00111

Amount Added: 0.50

Units: uL

VMC4.2ISi_00116

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45685.D

Injection Date: 07-Jul-2016 03:38:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD1

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

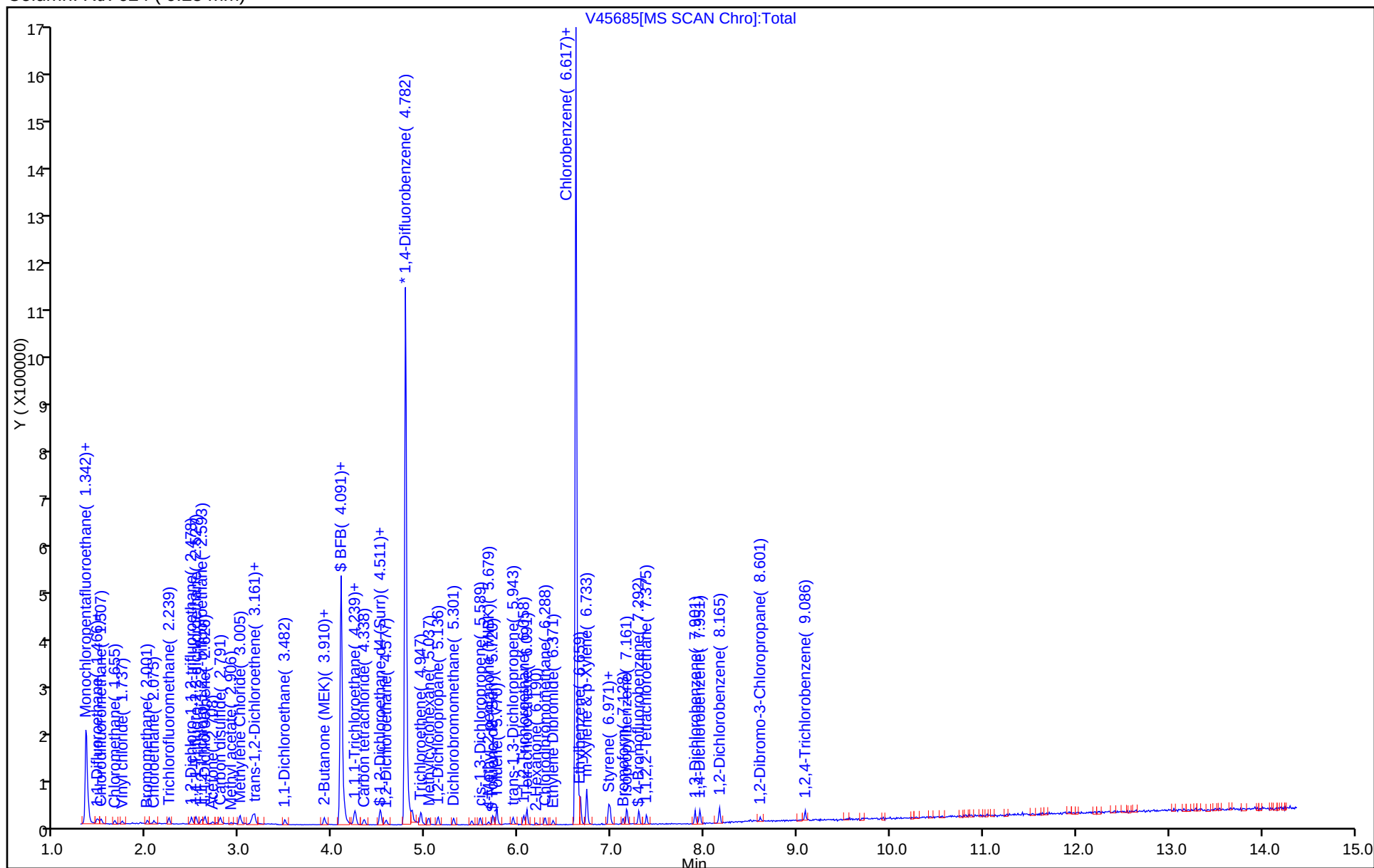
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45685.D

Injection Date: 07-Jul-2016 03:38:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: OLM04.2LLW7

Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

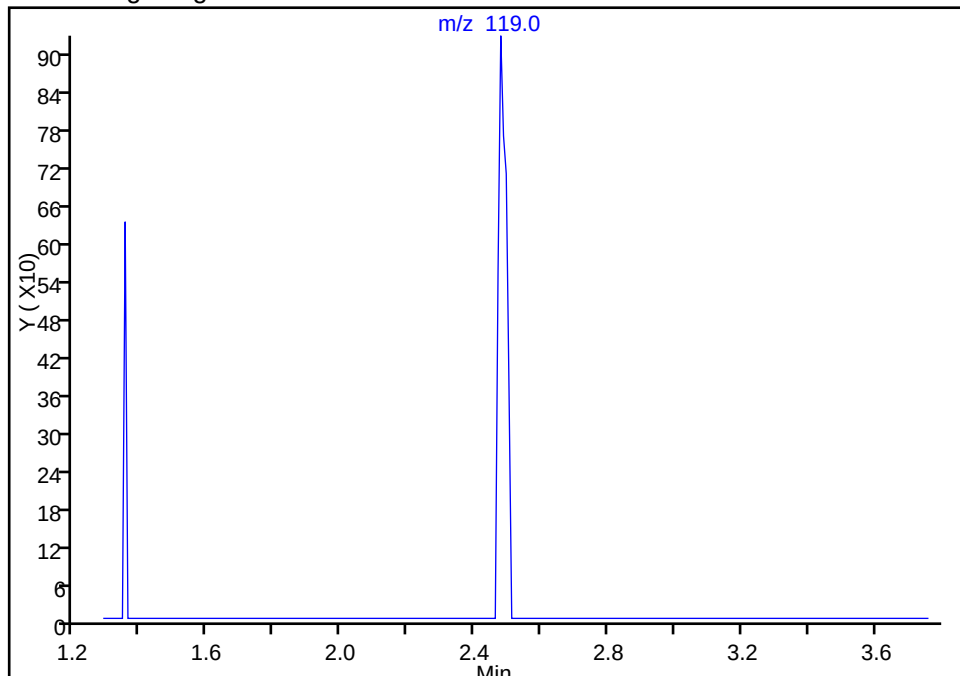
13 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

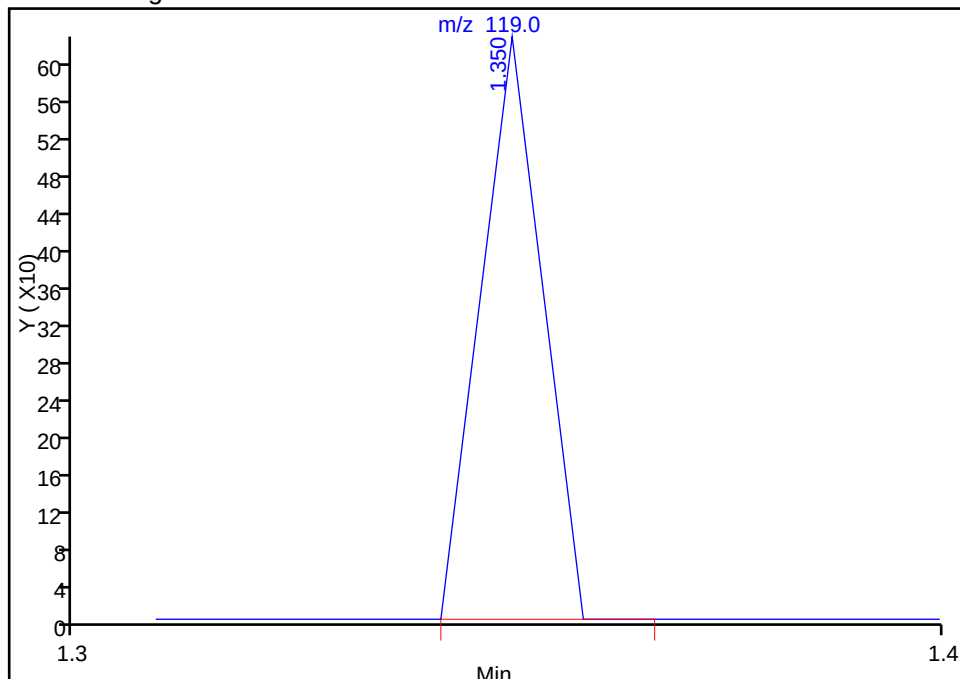
Not Detected

Expected RT: 1.36

Processing Integration Results



Manual Integration Results



RT: 1.35

Area: 311

Amount: 0.602958

Amount Units: ug/l

Reviewer: boykink, 07-Jul-2016 20:05:55

Audit Action: Assigned Compound ID

Audit Reason: Missed Peak

TestAmerica Edison

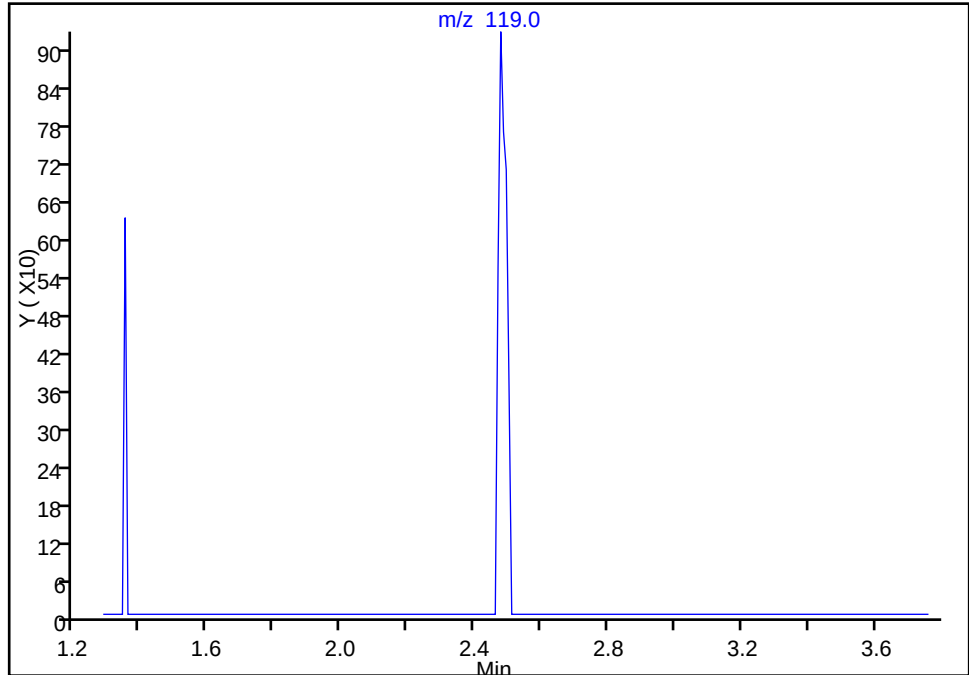
Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45685.D
Injection Date: 07-Jul-2016 03:38:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL ALS Bottle#: 3 Worklist Smp#: 3
Method: OLM04.2LLW7 Dil. Factor: 1.0000
Column: Rtx-624 (0.25 mm) Limit Group: VOA OLM04.2 LL Water ICAL
Detector MS SCAN

13 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

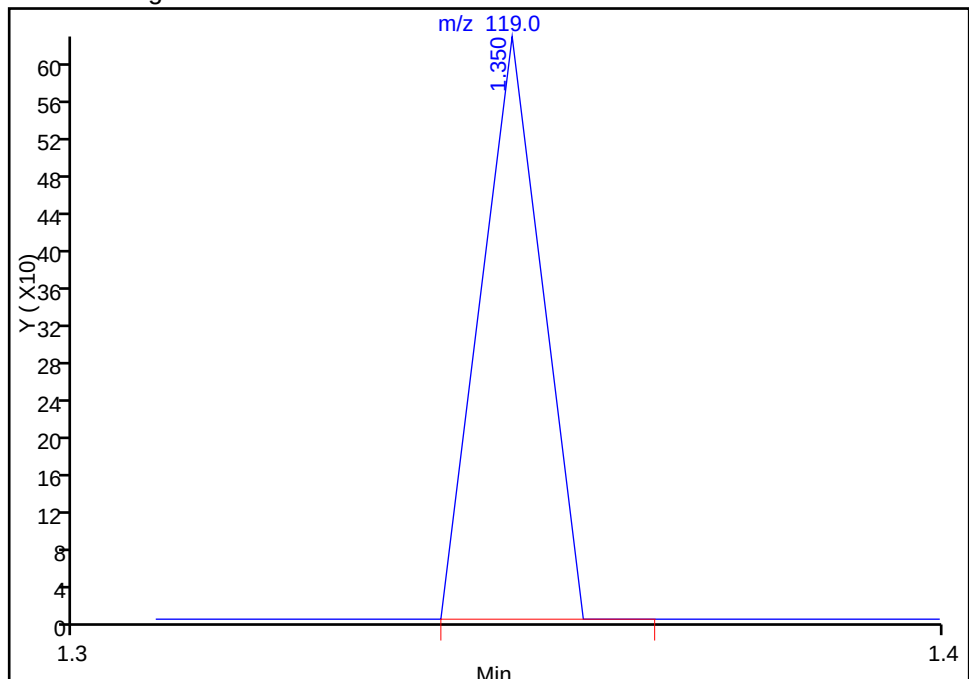
Not Detected
Expected RT: 1.36

Processing Integration Results



Manual Integration Results

RT: 1.35
Area: 311
Amount: 0.602958
Amount Units: ug/l



Reviewer: boykink, 07-Jul-2016 20:05:55

Audit Action: Manually Integrated

Audit Reason: Missed Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45686.D
 Lims ID: STD20
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 07-Jul-2016 04:02:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0042999-004
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:33 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 04:32:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	83	10245	20.0	20.8	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	72	22234	20.0	20.0	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	84	26271	20.0	17.8	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	93	89850	20.0	18.5	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	97	72033	20.0	20.4	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	98	123774	20.0	18.1	
39 Chloromethane	50	1.655	1.655	0.000	99	113321	20.0	19.3	
12 Vinyl chloride	62	1.729	1.737	-0.008	99	93368	20.0	18.2	
65 Bromomethane	94	2.001	2.000	0.001	95	52128	20.0	18.5	
23 Chloroethane	64	2.075	2.075	0.001	99	62103	20.0	18.2	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	164226	20.0	21.4	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	91	89271	20.0	18.5	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	106669	20.0	18.5	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	94	84175	20.0	22.0	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	74017	20.0	18.1	
14 Acetone	43	2.700	2.700	0.000	83	29599	20.0	13.5	
3 Carbon disulfide	76	2.791	2.790	0.001	99	238058	20.0	18.0	
50 Methyl acetate	43	2.906	2.906	0.000	99	89758	20.0	20.5	
40 Methylene Chloride	84	3.005	3.004	0.001	90	107120	20.0	19.8	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	320273	20.0	19.9	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	96	92807	20.0	19.1	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	165287	20.0	20.0	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	106133	20.0	19.8	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	45367	20.0	17.8	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	138463	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	98	184123	20.0	19.5	
8 Cyclohexane	56	4.231	4.231	0.000	88	122019	20.0	20.5	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	96	160199	20.0	17.9	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	103286	20.0	16.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.510	0.001	97	386776	20.0	19.4	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	87918	20.0	19.2	
43 1,2-Dichloroethane	62	4.576	4.568	0.008	99	156710	20.0	20.1	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	807094	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	109068	20.0	18.5	
55 Methylcyclohexane	83	5.029	5.029	0.000	95	134752	20.0	21.1	
58 1,2-Dichloropropane	63	5.136	5.128	0.008	88	94620	20.0	19.0	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	145974	20.0	19.5	
10 cis-1,3-Dichloropropene	75	5.589	5.589	0.000	93	158031	20.0	18.9	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	96	93230	20.0	19.3	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	226769	20.0	20.0	
30 Toluene	91	5.770	5.770	0.000	94	421526	20.0	20.0	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	96	155177	20.0	19.1	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	104353	20.0	19.8	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	85936	20.0	17.2	
7 2-Hexanone	43	6.181	6.181	0.000	96	61702	20.0	19.2	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	137982	20.0	19.6	
48 Ethylene Dibromide	107	6.371	6.370	0.000	100	109587	20.0	20.2	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	749292	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	298033	20.0	19.8	
62 Ethylbenzene	106	6.667	6.667	0.000	96	143373	20.0	19.4	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	358723	20.0	39.6	
25 o-Xylene	106	6.971	6.971	0.000	95	176854	20.0	19.5	
17 Styrene	104	6.988	6.988	0.000	95	307813	20.0	19.7	
51 Bromoform	173	7.128	7.128	0.000	99	108631	20.0	19.3	
42 Isopropylbenzene	105	7.169	7.169	0.000	95	451318	20.0	20.9	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	130518	20.0	18.2	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	96	138298	20.0	20.3	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	240697	20.0	21.0	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	96	241723	20.0	20.4	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	99	236482	20.0	20.7	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	26020	20.0	19.4	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	115597	20.0	19.2	
S 9 Xylenes, Total	106				0	176854	20.0	19.5	

Reagents:

VMC4.2SU_00111	Amount Added: 1.00	Units: uL	
VMC4.2Oi_00109	Amount Added: 1.00	Units: uL	
VMCLPFREOW_00107	Amount Added: 1.00	Units: uL	
VMC4.2_00127	Amount Added: 1.00	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45686.D

Injection Date: 07-Jul-2016 04:02:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD20

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

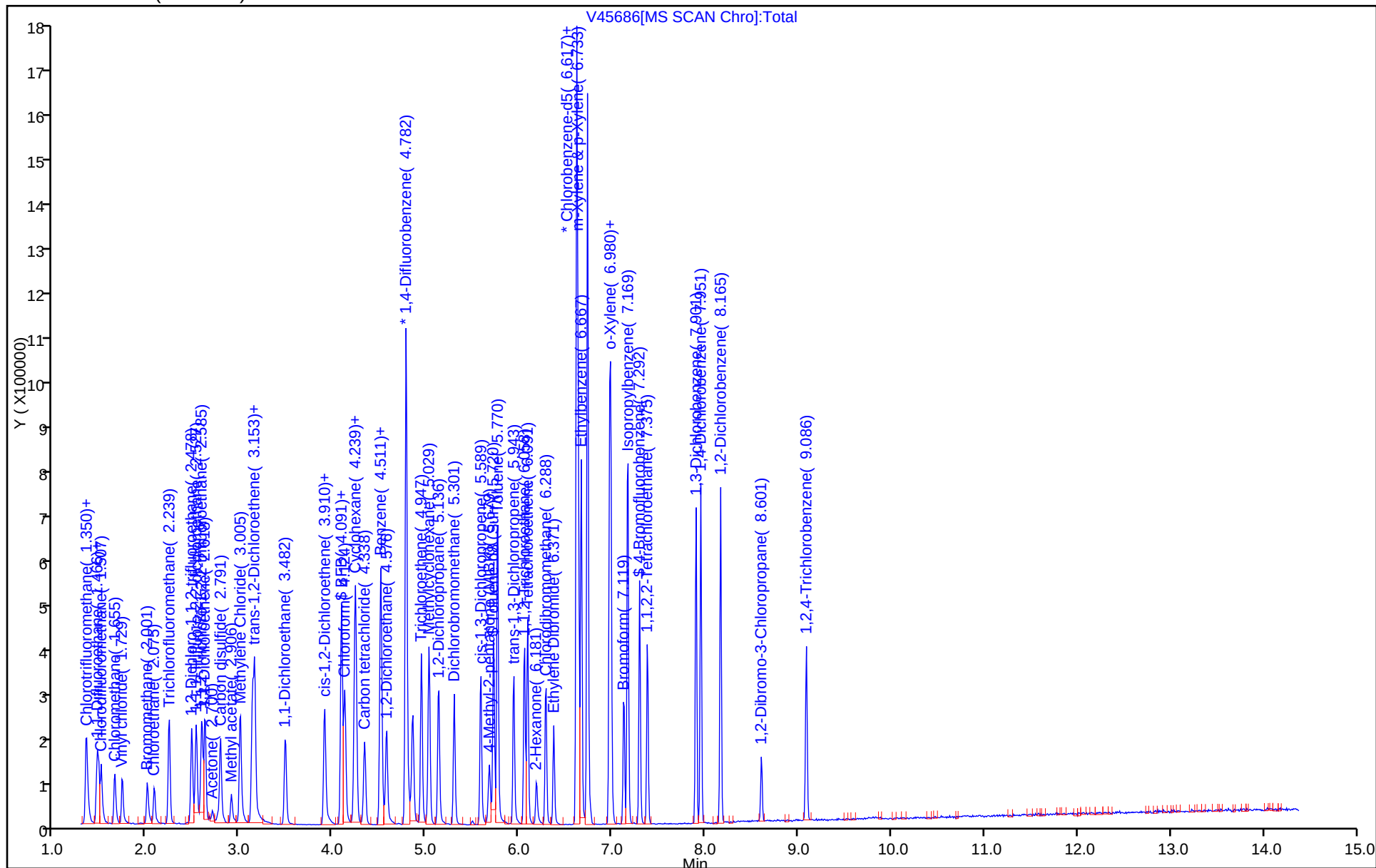
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45687.D
 Lims ID: STD100
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 07-Jul-2016 04:26:30 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD100
 Misc. Info.: 460-0042999-005
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:35 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 04:53:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	86	58657	100.0	115.1	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	67	131910	100.0	114.7	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	84	165532	100.0	108.8	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	509979	100.0	101.6	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	354694	100.0	97.2	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	652016	100.0	92.3	
39 Chloromethane	50	1.655	1.655	0.000	99	587547	100.0	97.2	
12 Vinyl chloride	62	1.729	1.737	-0.008	99	516686	100.0	97.5	
65 Bromomethane	94	2.001	2.000	0.001	97	290404	100.0	100.0	
23 Chloroethane	64	2.075	2.075	0.001	100	335384	100.0	95.3	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	803504	100.0	101.7	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	499532	100.0	100.2	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	602569	100.0	101.2	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	94	421456	100.0	106.5	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	97	424499	100.0	100.3	
14 Acetone	43	2.700	2.700	0.000	86	193253	100.0	85.7	
3 Carbon disulfide	76	2.791	2.790	0.001	100	1319747	100.0	96.5	
50 Methyl acetate	43	2.906	2.906	0.000	99	454113	100.0	100.6	
40 Methylene Chloride	84	2.996	3.004	-0.008	92	533501	100.0	95.7	
59 Methyl tert-butyl ether	73	3.128	3.136	-0.008	96	1747198	100.0	105.0	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	96	487990	100.0	97.0	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	839315	100.0	98.2	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	561425	100.0	101.3	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	269053	100.0	102.2	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	77	142923	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	99	975411	100.0	99.9	
8 Cyclohexane	56	4.231	4.231	0.000	89	672826	100.0	109.1	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	908332	100.0	97.8	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	696970	100.0	106.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.510	0.001	97	2061520	100.0	100.1	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	512290	100.1	108.3	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	816972	100.0	101.5	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	835310	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	97	606148	100.0	99.3	
55 Methylcyclohexane	83	5.029	5.029	0.000	94	728965	100.0	110.1	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	87	511934	100.0	99.5	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	791589	100.0	102.2	
10 cis-1,3-Dichloropropene	75	5.580	5.589	-0.009	93	912194	100.0	105.4	
45 4-Methyl-2-pentanone (MIBK	43	5.671	5.679	-0.008	96	535042	100.0	101.4	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	1316534	100.0	105.8	
30 Toluene	91	5.762	5.770	-0.008	93	2339579	100.0	101.6	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	97	893491	100.0	106.5	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	565269	100.0	103.6	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	523268	100.0	95.6	
7 2-Hexanone	43	6.181	6.181	0.000	95	362722	100.0	103.0	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	776419	100.0	100.8	
48 Ethylene Dibromide	107	6.371	6.370	0.001	99	601774	100.0	101.5	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	820467	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	1632569	100.0	99.1	
62 Ethylbenzene	106	6.667	6.667	0.000	97	805675	100.0	99.4	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	2064715	100.0	208.2	
25 o-Xylene	106	6.971	6.971	0.000	94	1036112	100.0	104.5	
17 Styrene	104	6.980	6.988	-0.008	96	1828585	100.0	107.0	
51 Bromoform	173	7.119	7.128	-0.009	98	626450	100.0	107.8	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	2484387	100.0	105.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	791633	100.0	100.7	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	96	745392	100.0	99.7	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	1318391	100.0	104.8	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	97	1366724	100.0	105.5	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	98	1291068	100.0	103.3	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	94	147710	100.0	100.5	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	684654	100.0	103.7	
S 9 Xylenes, Total	106				0	1036112	100.0	104.5	

Reagents:

VMC4.2SU_00111	Amount Added: 5.00	Units: uL	
VMC4.2Oi_00109	Amount Added: 5.00	Units: uL	
VMCLPFREOW_00107	Amount Added: 5.00	Units: uL	
VMC4.2_00127	Amount Added: 5.00	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45687.D

Injection Date: 07-Jul-2016 04:26:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD100

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

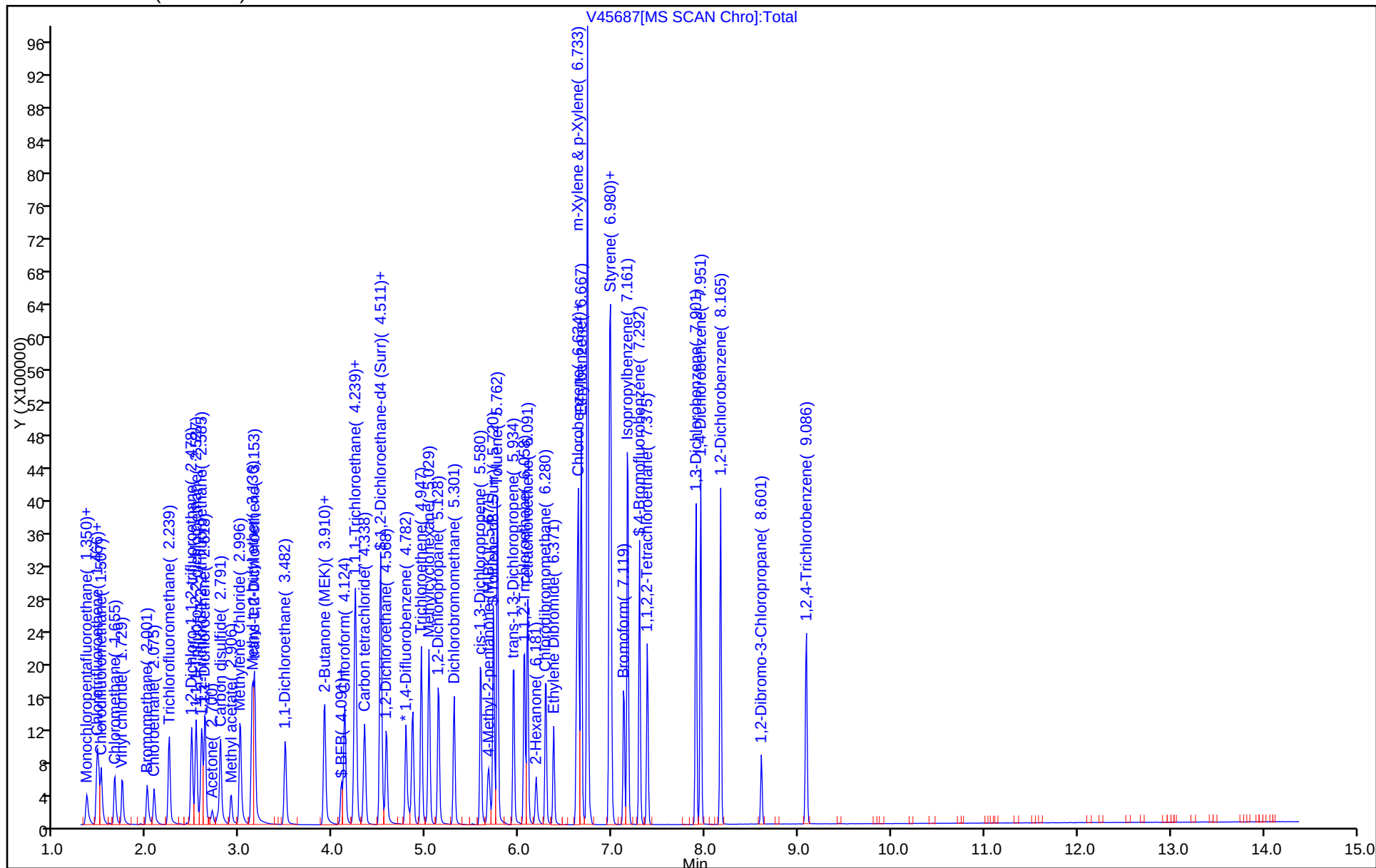
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45688.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 07-Jul-2016 04:51:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0042999-006
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:36 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last Ical File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 05:13:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	89	119732	200.0	234.9	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	64	261980	200.0	227.8	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	84	350222	200.0	230.2	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	1033302	200.0	205.9	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	676914	200.0	185.5	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	1329088	200.0	188.2	
39 Chloromethane	50	1.655	1.655	0.000	100	1229057	200.0	203.2	
12 Vinyl chloride	62	1.729	1.737	-0.008	99	1136298	200.0	214.5	
65 Bromomethane	94	2.001	2.000	0.001	99	644245	200.0	221.8	
23 Chloroethane	64	2.075	2.075	0.001	100	695203	200.0	197.5	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	100	1444173	200.0	182.7	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	995997	200.0	199.7	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	1206066	200.0	202.5	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	95	753391	200.0	190.3	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	895297	200.0	211.5	
14 Acetone	43	2.700	2.700	0.000	85	372185	200.0	164.9	
3 Carbon disulfide	76	2.791	2.790	0.001	100	2692906	200.0	196.9	
50 Methyl acetate	43	2.898	2.906	-0.008	99	909734	200.0	201.4	
40 Methylene Chloride	84	2.996	3.004	-0.008	91	1051670	200.0	188.7	
59 Methyl tert-butyl ether	73	3.128	3.136	-0.008	96	3464729	200.0	208.1	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	96	1015594	200.0	201.9	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	1714769	200.0	200.7	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	100	1153964	200.0	208.1	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	539612	200.0	204.9	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	142950	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	99	1955797	200.0	200.2	
8 Cyclohexane	56	4.231	4.231	0.000	90	1221928	200.0	196.3	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	1876987	200.0	200.4	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	1508161	200.0	229.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.510	0.001	97	4245708	200.0	204.2	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	1044133	200.1	220.8	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	1625397	200.0	201.8	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	842758	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	96	1229524	200.0	199.7	
55 Methylcyclohexane	83	5.029	5.029	0.000	94	1294399	200.0	193.8	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	88	1028716	200.0	198.2	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	1587796	200.0	203.1	
10 cis-1,3-Dichloropropene	75	5.581	5.589	-0.008	93	1847837	200.0	211.6	
45 4-Methyl-2-pentanone (MIBK	43	5.663	5.679	-0.016	96	1109592	200.0	210.8	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	2646801	200.1	213.3	
30 Toluene	91	5.762	5.770	-0.008	93	4790510	200.0	208.5	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	97	1832520	200.0	216.5	
35 1,1,2-Trichloroethane	97	6.050	6.058	-0.008	94	1137809	200.0	206.7	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	1104931	200.0	202.3	
7 2-Hexanone	43	6.173	6.181	-0.008	96	771404	200.0	219.7	
32 Chlorodibromomethane	129	6.280	6.288	-0.008	98	1573404	200.0	204.7	
48 Ethylene Dibromide	107	6.371	6.370	0.001	99	1215382	200.0	205.5	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	818346	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	96	3283505	200.0	199.9	
62 Ethylbenzene	106	6.667	6.667	0.000	97	1661730	200.0	205.6	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	4314409	200.0	436.1	
25 o-Xylene	106	6.971	6.971	0.000	94	2122666	200.0	214.6	
17 Styrene	104	6.988	6.988	0.000	96	3735852	200.0	219.2	
51 Bromoform	173	7.120	7.128	-0.008	99	1286133	200.0	219.4	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	4702560	200.0	199.2	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	1572345	200.1	200.5	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	97	1541999	200.0	206.8	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	2546704	200.0	203.0	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	97	2644703	200.0	204.8	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	99	2515958	200.0	201.8	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	298967	200.0	204.0	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	94	1328370	200.0	201.7	
S 9 Xylenes, Total	106				0	2122666	200.0	214.6	

Reagents:

VMC4.2SU_00111	Amount Added: 10.00	Units: uL	
VMC4.2Oi_00109	Amount Added: 10.00	Units: uL	
VMCLPFREOW_00107	Amount Added: 10.00	Units: uL	
VMC4.2_00127	Amount Added: 10.00	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45688.D

Injection Date: 07-Jul-2016 04:51:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD200

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

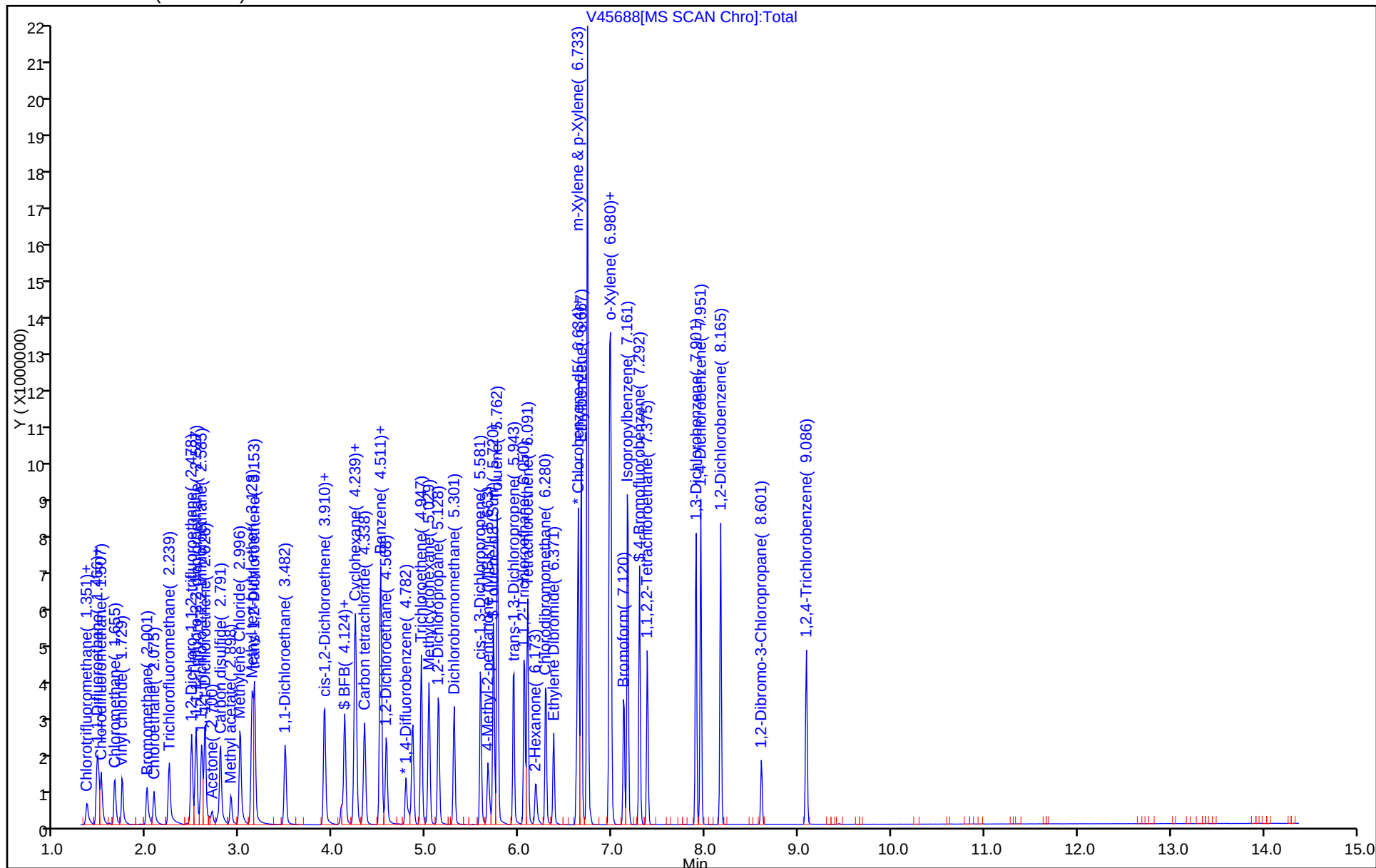
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Lims ID: STD50
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 07-Jul-2016 06:17:30 ALS Bottle#: 9 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0042999-009
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: baronm

Date: 14-Jul-2016 11:29:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	85	25262	50.0	51.7	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	64	52618	50.0	47.7	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	84	71080	50.0	48.7	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	221838	50.0	46.1	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	99	167591	50.0	47.9	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	98	286162	50.0	42.3	
39 Chloromethane	50	1.655	1.655	0.000	99	271838	50.0	46.9	
12 Vinyl chloride	62	1.737	1.737	0.000	99	250061	50.0	49.2	
65 Bromomethane	94	2.000	2.000	0.000	98	147094	50.0	52.8	
23 Chloroethane	64	2.075	2.075	0.000	100	159421	50.0	47.2	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	369188	50.0	48.7	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	213761	50.0	44.7	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	267314	50.0	46.8	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	93	185245	50.0	48.8	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	99	206544	50.0	50.9	
14 Acetone	43	2.700	2.700	0.000	86	77549	50.0	35.8	
3 Carbon disulfide	76	2.790	2.790	0.000	100	629541	50.0	48.0	
50 Methyl acetate	43	2.906	2.906	0.000	99	215968	50.0	49.9	
40 Methylene Chloride	84	3.004	3.004	0.000	93	259321	50.0	48.5	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	820268	50.0	51.4	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	96	234915	50.0	48.7	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	399976	50.0	48.8	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	100	264113	50.0	49.7	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	122734	50.0	48.6	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	80	137080	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	99	459121	50.0	49.0	
8 Cyclohexane	56	4.231	4.231	0.000	89	303221	50.0	51.6	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	419597	50.0	47.4	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	305950	50.0	49.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.510	4.510	0.000	96	956159	50.0	48.7	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	189628	50.0	41.8	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	387268	50.0	50.1	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	796500	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	96	275713	50.0	47.4	
55 Methylcyclohexane	83	5.029	5.029	0.000	93	327794	50.0	51.9	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	87	232550	50.0	47.4	
20 Dichlorobromomethane	83	5.301	5.301	0.000	98	368773	50.0	49.9	
10 cis-1,3-Dichloropropene	75	5.589	5.589	0.000	92	418856	50.0	50.8	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	96	244636	50.0	49.5	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	527563	50.0	45.3	
30 Toluene	91	5.770	5.770	0.000	93	1041896	50.0	48.3	
24 trans-1,3-Dichloropropene	75	5.942	5.942	0.000	96	398353	50.0	49.8	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	257781	50.0	49.5	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	224367	50.0	43.7	
7 2-Hexanone	43	6.181	6.181	0.000	96	162572	50.0	49.3	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	350180	50.0	48.5	
48 Ethylene Dibromide	107	6.370	6.370	0.000	99	280847	50.0	50.5	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	85	768781	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	742229	50.0	48.1	
62 Ethylbenzene	106	6.667	6.667	0.000	97	356743	50.0	47.0	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	909634	50.0	97.9	
25 o-Xylene	106	6.971	6.971	0.000	94	454875	50.0	48.9	
17 Styrene	104	6.988	6.988	0.000	96	805385	50.0	50.3	
51 Bromoform	173	7.128	7.128	0.000	98	282771	50.0	51.0	
42 Isopropylbenzene	105	7.169	7.169	0.000	95	1155317	50.0	52.1	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	359929	50.0	48.9	
29 1,1,2,2-Tetrachloroethane	83	7.374	7.374	0.000	96	346999	50.0	49.5	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	98	623230	50.0	52.9	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.000	97	638629	50.0	52.6	
2 1,2-Dichlorobenzene	146	8.164	8.164	0.000	98	611043	50.0	52.2	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	93	67355	50.0	48.9	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	318728	50.0	51.5	
S 9 Xylenes, Total	106				0	454875	50.0	48.9	

Reagents:

VMC4.2SU_00111	Amount Added: 2.50	Units: uL	
VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2_00127	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45691.D

Injection Date: 07-Jul-2016 06:17:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD50

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

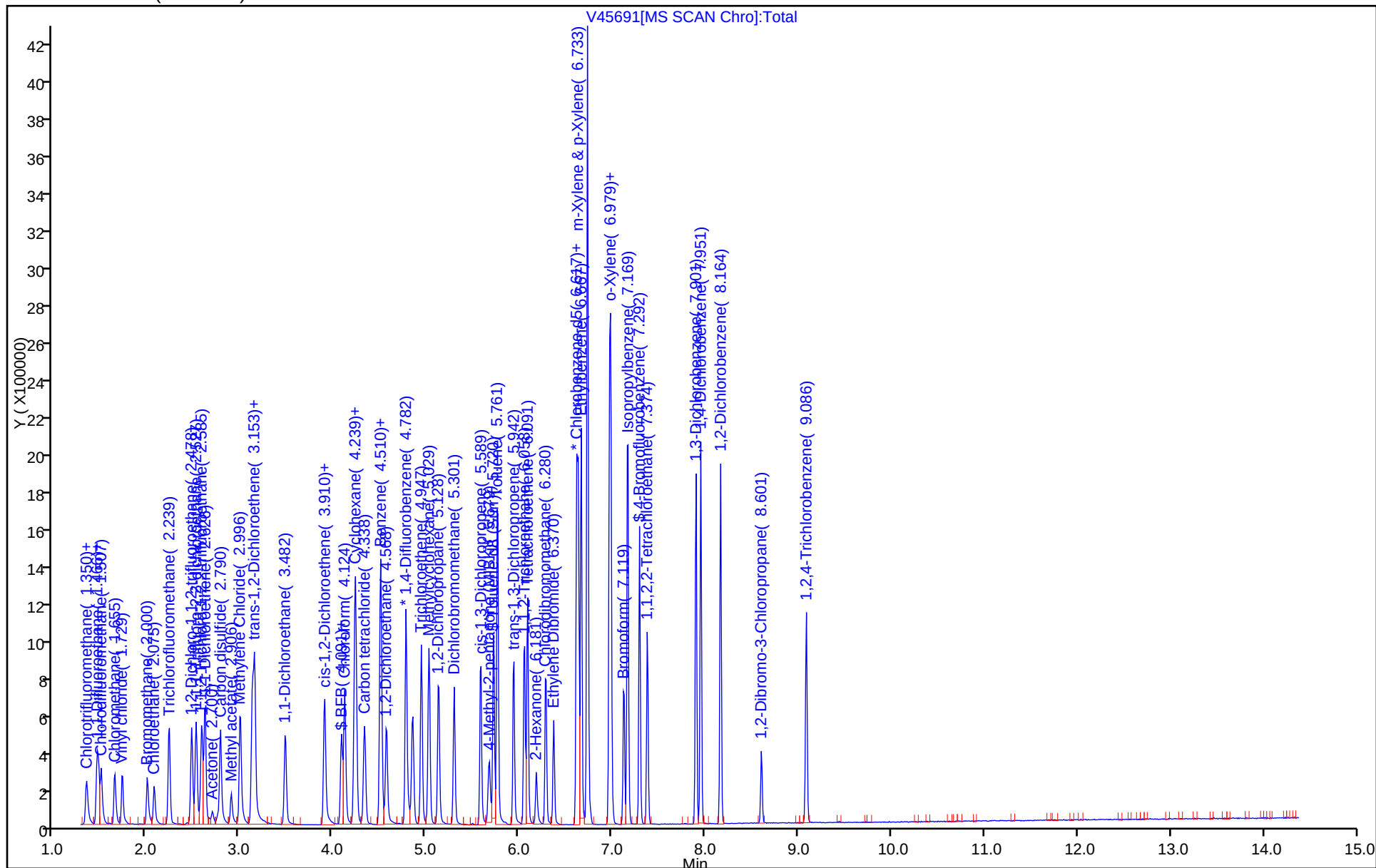
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-116377-1

SDG No.: _____

Lab Sample ID: CCVIS 460-377886/2 Calibration Date: 07/07/2016 20:10

Instrument ID: CVOAMS7 Calib Start Date: 07/07/2016 03:38

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/07/2016 06:17

Lab File ID: V45714.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
Chlorotrifluoromethane	Ave	0.4023	0.4923		61.2	50.0	22.4	
Monochloropentafluoroethane	Ave	0.1783	0.2408		67.6	50.0	35.1	
Chlorotrifluoroethene	Ave	0.5322	0.6620		62.2	50.0	24.4	
1,1-Difluoroethane	Ave	1.755	1.749		49.8	50.0	-0.4	
Dichlorodifluoromethane	Ave	1.276	1.310	0.0100	51.3	50.0	2.7	
Chlorodifluoromethane	Ave	2.470	2.413		48.9	50.0	-2.3	
Chloromethane	Ave	2.115	1.944	0.0100	45.9	50.0	-8.1	
Vinyl chloride	Ave	1.853	1.804	0.1000	48.7	50.0	-2.6	25.0
Bromomethane	Ave	1.016	1.082	0.1000	53.3	50.0	6.5	25.0
Chloroethane	Ave	1.231	1.114	0.0100	45.2	50.0	-9.6	
Trichlorofluoromethane	Ave	2.765	3.056	0.0100	55.3	50.0	10.5	
1,2-Dichloro-1,1,2-trifluoroethane	Ave	1.745	1.815		52.0	50.0	4.0	
1,1,1-Trifluoro-2,2-dichloroethane	Ave	2.083	2.212		53.1	50.0	6.2	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.385	1.591	0.0100	57.4	50.0	14.9	
1,1-Dichloroethene	Ave	1.481	1.532	0.1000	51.7	50.0	3.5	25.0
Acetone	Ave	0.7892	0.6766	0.0100	41.3	50.0	-14.3	
Carbon disulfide	Ave	4.784	4.847	0.0100	50.7	50.0	1.3	
Methyl acetate	Ave	1.580	1.448	0.0100	46.0	50.0	-8.4	
Methylene Chloride	Ave	1.950	1.890	0.0100	48.5	50.0	-3.0	
Methyl tert-butyl ether	Ave	5.823	5.988	0.0100	51.4	50.0	2.8	
trans-1,2-Dichloroethene	Ave	1.759	1.803	0.0100	51.3	50.0	2.5	
1,1-Dichloroethane	Ave	2.989	2.802	0.2000	46.9	50.0	-6.3	25.0
cis-1,2-Dichloroethene	Ave	1.939	1.915	0.0100	49.4	50.0	-1.2	
2-Butanone (MEK)	Ave	0.9212	0.8167	0.0100	44.3	50.0	-11.3	
Chloroform	Ave	3.417	3.303	0.2000	48.3	50.0	-3.3	25.0
Cyclohexane	Ave	0.3692	0.3997	0.0100	54.1	50.0	8.2	
1,1,1-Trichloroethane	Ave	0.5558	0.5614	0.1000	50.5	50.0	1.0	25.0
Carbon tetrachloride	Ave	0.3902	0.4380	0.1000	56.3	50.0	12.2	25.0
Benzene	Ave	1.233	1.188	0.5000	48.1	50.0	-3.7	25.0
1,2-Dichloroethane	Ave	2.817	2.745	0.1000	48.7	50.0	-2.5	25.0
Trichloroethene	Ave	0.3653	0.3620	0.3000	49.5	50.0	-0.9	25.0
Methylcyclohexane	Ave	0.3964	0.4716	0.0100	59.5	50.0	19.0	
1,2-Dichloropropane	Ave	0.3079	0.2797	0.0100	45.4	50.0	-9.2	
Dichlorobromomethane	Ave	0.4638	0.4642	0.2000	50.0	50.0	0.0	25.0
cis-1,3-Dichloropropene	Ave	0.5181	0.5181	0.2000	50.0	50.0	0.0	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3217	0.2928	0.0100	45.5	50.0	-9.0	
Toluene	Ave	1.404	1.378	0.4000	49.1	50.0	-1.8	25.0
trans-1,3-Dichloropropene	Ave	0.5022	0.5031	0.1000	50.1	50.0	0.2	25.0
1,1,2-Trichloroethane	Ave	0.3266	0.3202	0.1000	49.0	50.0	-2.0	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-377886/2 Calibration Date: 07/07/2016 20:10
 Instrument ID: CVOAMS7 Calib Start Date: 07/07/2016 03:38
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/07/2016 06:17
 Lab File ID: V45714.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
Tetrachloroethene	Ave	0.3337	0.3354	0.2000	50.3	50.0	0.5	25.0
2-Hexanone	Ave	0.2145	0.1939	0.0100	45.2	50.0	-9.6	
Chlorodibromomethane	Ave	0.4696	0.4706	0.1000	50.1	50.0	0.2	25.0
Ethylene Dibromide	Ave	0.3613	0.3685	0.0100	51.0	50.0	2.0	
Chlorobenzene	Ave	1.004	0.9590	0.5000	47.8	50.0	-4.5	25.0
Ethylbenzene	Ave	0.4939	0.4794	0.1000	48.5	50.0	-2.9	25.0
m-Xylene & p-Xylene	Ave	1.237	1.210	0.3000	100	50.0	-2.2	
o-Xylene	Ave	0.6045	0.5960	0.3000	49.3	50.0	-1.4	
Styrene	Ave	1.041	1.034	0.3000	49.7	50.0	-0.7	25.0
Bromoform	Ave	0.3478	0.3681	0.1000	52.9	50.0	5.8	25.0
Isopropylbenzene	Ave	1.442	1.550	0.0100	53.7	50.0	7.5	
1,1,2,2-Tetrachloroethane	Ave	0.4556	0.4311	0.3000	47.3	50.0	-5.4	25.0
1,3-Dichlorobenzene	Ave	0.7667	0.8400	0.6000	54.8	50.0	9.6	25.0
1,4-Dichlorobenzene	Ave	0.7891	0.8618	0.5000	54.6	50.0	9.2	25.0
1,2-Dichlorobenzene	Ave	0.7619	0.8194	0.4000	53.8	50.0	7.5	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0895	0.0908	0.0100	50.7	50.0	1.5	
1,2,4-Trichlorobenzene	Ave	0.4024	0.4458	0.2000	54.4	50.0	10.8	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.654	1.463	0.0100	44.3	50.0	-11.5	
Toluene-d8 (Surr)	Ave	0.7580	0.6635	0.0100	43.8	50.0	-12.5	
4-Bromofluorobenzene	Ave	0.4792	0.4860	0.2000	50.7	50.0	1.4	25.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45714.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 07-Jul-2016 20:10:30 ALS Bottle#: 2 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0043044-002
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last Ical File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 12-Jul-2016 23:56:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	87	30991	50.0	67.6	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	66	63354	50.0	61.2	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	92	85184	50.0	62.2	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	93	225080	50.0	49.8	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	168613	50.0	51.3	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	98	310572	50.0	48.9	
39 Chloromethane	50	1.655	1.655	0.000	99	250170	50.0	45.9	
12 Vinyl chloride	62	1.737	1.737	0.000	99	232201	50.0	48.7	
65 Bromomethane	94	2.001	2.001	0.000	98	139255	50.0	53.3	
23 Chloroethane	64	2.075	2.075	0.000	100	143298	50.0	45.2	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	393222	50.0	55.3	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	233599	50.0	52.0	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	284599	50.0	53.1	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	96	204701	50.0	57.4	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	99	197156	50.0	51.7	
14 Acetone	43	2.700	2.700	0.000	85	87072	50.0	41.3	
3 Carbon disulfide	76	2.791	2.791	0.000	100	623707	50.0	50.7	
50 Methyl acetate	43	2.906	2.906	0.000	99	186314	50.0	46.0	
40 Methylene Chloride	84	3.005	3.005	0.000	89	243272	50.0	48.5	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	770530	50.0	51.4	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	94	232081	50.0	51.3	
\$ 36 BFB									
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	360538	50.0	46.9	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	246461	50.0	49.4	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	98	105103	50.0	44.3	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	76	128686	50.0	50.0	
31 Chloroform	83	4.124	4.124	0.000	99	425102	50.0	48.3	
8 Cyclohexane	56	4.231	4.231	0.000	88	293234	50.0	54.1	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	411922	50.0	50.5	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	321362	50.0	56.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.511	0.000	96	871331	50.0	48.1	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	188447	50.0	44.3	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	353250	50.0	48.7	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	733696	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	265566	50.0	49.5	
55 Methylcyclohexane	83	5.029	5.029	0.000	93	346002	50.0	59.5	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	87	205221	50.0	45.4	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	340585	50.0	50.0	
10 cis-1,3-Dichloropropene	75	5.580	5.580	0.000	92	380106	50.0	50.0	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	95	208362	50.0	45.5	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	472376	50.0	43.8	
30 Toluene	91	5.762	5.762	0.000	93	980934	50.0	49.1	
24 trans-1,3-Dichloropropene	75	5.943	5.943	0.000	96	369144	50.0	50.1	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	234894	50.0	49.0	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	238715	50.0	50.3	
7 2-Hexanone	43	6.181	6.181	0.000	94	137977	50.0	45.2	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	334920	50.0	50.1	
48 Ethylene Dibromide	107	6.371	6.371	0.000	99	262238	50.0	51.0	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	711661	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	682509	50.0	47.8	
62 Ethylbenzene	106	6.667	6.667	0.000	97	341160	50.0	48.5	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	861198	50.0	100.1	
25 o-Xylene	106	6.971	6.971	0.000	94	424114	50.0	49.3	
17 Styrene	104	6.988	6.988	0.000	96	736162	50.0	49.7	
51 Bromoform	173	7.128	7.128	0.000	98	270099	50.0	52.9	
42 Isopropylbenzene	105	7.169	7.169	0.000	95	1103289	50.0	53.7	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	345989	50.0	50.7	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.375	0.000	95	306799	50.0	47.3	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	597827	50.0	54.8	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.000	97	613295	50.0	54.6	
2 1,2-Dichlorobenzene	146	8.165	8.165	0.000	99	583114	50.0	53.8	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	91	64639	50.0	50.7	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	92	317290	50.0	54.4	
S 9 Xylenes, Total	106				0	424114	50.0	49.3	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2_00127	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45714.D

Injection Date: 07-Jul-2016 20:10:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

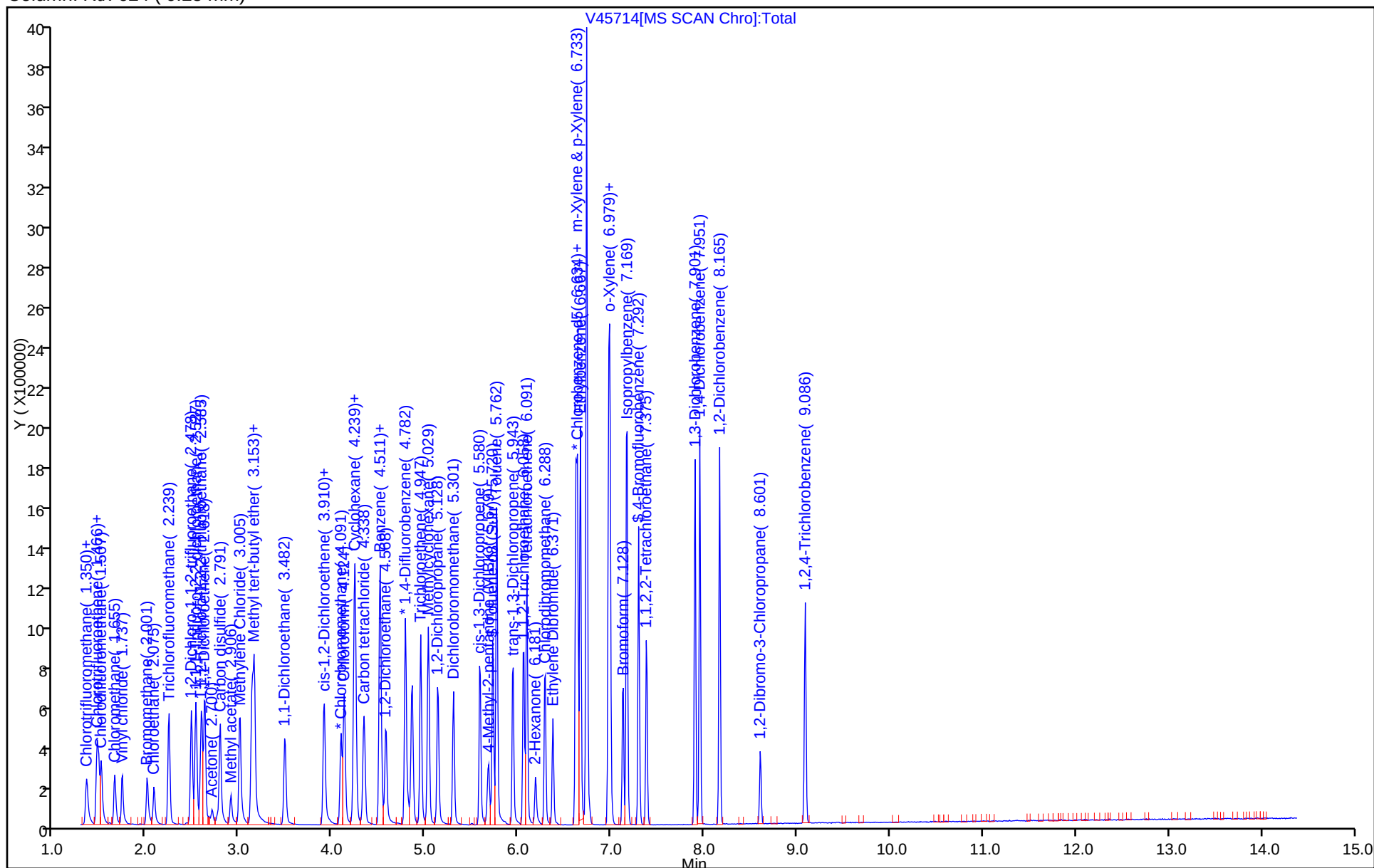
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45683.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Jul-2016 02:48:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0042999-001
Operator ID: Instrument ID: CVOAMS7
Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
Limit Group: VOA OLM04.2 LL Water ICAL
Last Update: 07-Jul-2016 19:56:43 Calib Date: 07-Jul-2016 06:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Continuing Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 36 BFB

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

BFB_00011

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45683.D

Injection Date: 07-Jul-2016 02:48:30

Instrument ID: CVOAMS7

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 mL

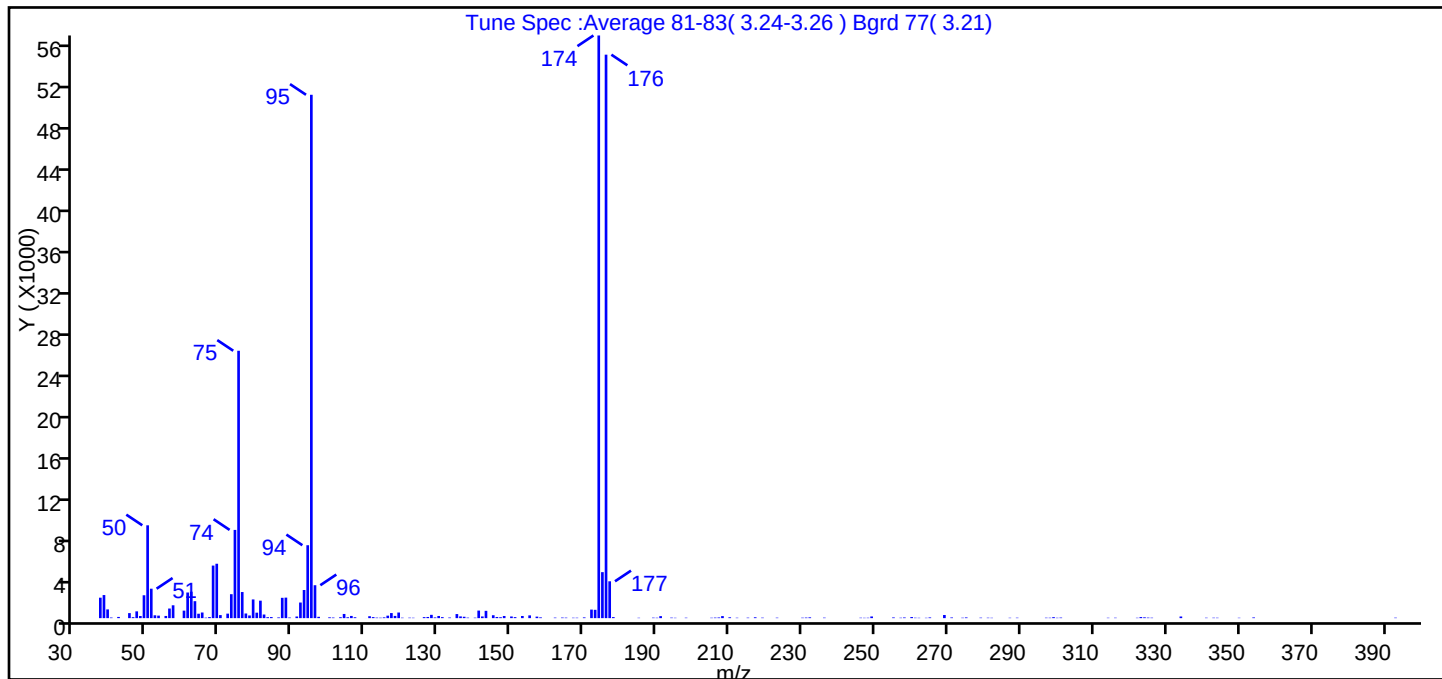
Dil. Factor: 1.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Tune Method: BFB Method CLP OLM4.2

\$ 36 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	base peak, 100 percent relative abundance	100
50	8.0-40.0 percent of mass 95	17.7
75	30.0-66.0 percent of mass 95	51.1
96	5.0-9.0 percent of mass 95	6.3
173	less than 2.0 percent of mass 174	1.6 (1.4)
174	50.0-120.0 percent of mass 95	111
175	4.0-9.0 percent of mass 174	8.8 (7.9)
176	93.0-101.0 percent of mass 174	108 (96.7)
177	5.0-9.0 percent of mass 176	7.0 (6.5)

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\45683.D\OLM04.2LLW7.rslt\spectra.d
Injection Date: 07-Jul-2016 02:48:30
Spectrum: Tune Spec :Average 81-83(3.24-3.26) Bgrd 77(3.21)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 171

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1995	88.00	2001	143.00	712	232.00	78
38.00	2252	89.00	60	145.00	284	236.00	47
39.00	853	91.00	159	146.00	113	246.00	41
40.00	59	92.00	1523	147.00	87	247.00	34
42.00	118	93.00	2744	148.00	210	248.00	39
45.00	491	94.00	7112	150.00	162	249.00	163
46.00	95	95.00	51048	151.00	99	255.00	68
47.00	663	96.00	3211	153.00	210	257.00	40
48.00	208	97.00	129	155.00	270	258.00	65
49.00	2232	100.00	78	157.00	148	260.00	106
50.00	9055	101.00	58	158.00	75	261.00	41
51.00	2872	103.00	87	162.00	51	262.00	34
52.00	278	104.00	408	164.00	56	264.00	34
53.00	245	105.00	86	165.00	48	265.00	69
55.00	214	106.00	216	167.00	40	269.00	307
56.00	938	107.00	85	168.00	41	271.00	65
57.00	1254	110.00	3	170.00	71	274.00	41
60.00	733	111.00	188	172.00	834	275.00	69
61.00	2501	112.00	101	173.00	812	279.00	47
62.00	2582	113.00	50	174.00	56832	281.00	42
63.00	1654	114.00	42	175.00	4486	282.00	35
64.00	430	115.00	76	176.00	54960	287.00	37
65.00	550	116.00	242	177.00	3594	289.00	43
66.00	48	117.00	495	178.00	100	297.00	43
67.00	104	118.00	218	185.00	36	298.00	40
68.00	5128	119.00	548	189.00	48	299.00	94
69.00	5306	120.00	44	190.00	39	300.00	36
70.00	298	122.00	45	191.00	196	301.00	54
72.00	440	123.00	38	194.00	49	314.00	38
73.00	2336	126.00	99	195.00	35	316.00	41
74.00	8606	127.00	114	198.00	43	322.00	36
75.00	26080	128.00	323	205.00	39	323.00	105
76.00	2546	129.00	68	206.00	53	324.00	77

Report Date: 07-Jul-2016 19:56:43

Chrom Revision: 2.2 20-Apr-2016 13:59:46

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45683.D\OLM04.2LLW7.rslt\spectra.d

Injection Date: 07-Jul-2016 02:48:30

Spectrum: Tune Spec :Average 81-83(3.24-3.26) Bgrd 77(3.21)

Base Peak: 174.00

Minimum % Base Peak: 0

Number of Points: 171

m/z	Y	m/z	Y	m/z	Y	m/z	Y
77.00	453	130.00	210	207.00	65	325.00	52
78.00	261	131.00	98	208.00	199	326.00	43
79.00	1825	133.00	59	210.00	81	334.00	160
80.00	534	135.00	398	212.00	40	341.00	41
81.00	1704	136.00	170	215.00	47	343.00	42
82.00	354	137.00	135	217.00	83	344.00	39
83.00	93	138.00	49	219.00	47	350.00	37
84.00	103	140.00	46	223.00	45	354.00	68
86.00	70	141.00	737	230.00	44	393.00	45
87.00	1983	142.00	165	231.00	55		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45713.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Jul-2016 19:41:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0043044-001
Operator ID: Instrument ID: CVOAMS7
Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
Limit Group: VOA OLM04.2 LL Water ICAL
Last Update: 08-Jul-2016 20:02:27 Calib Date: 07-Jul-2016 06:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Continuing Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: boykink

Date: 07-Jul-2016 19:56:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 36 BFB

\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.469	4.469	0.000	0	130	NR	NR	7

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

8 - Failed MS Tune Ratio Test

Review Flags

M - Manually Integrated

Reagents:

BFB_00011

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45713.D

Injection Date: 07-Jul-2016 19:41:30

Instrument ID: CVOAMS7

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

1.0000

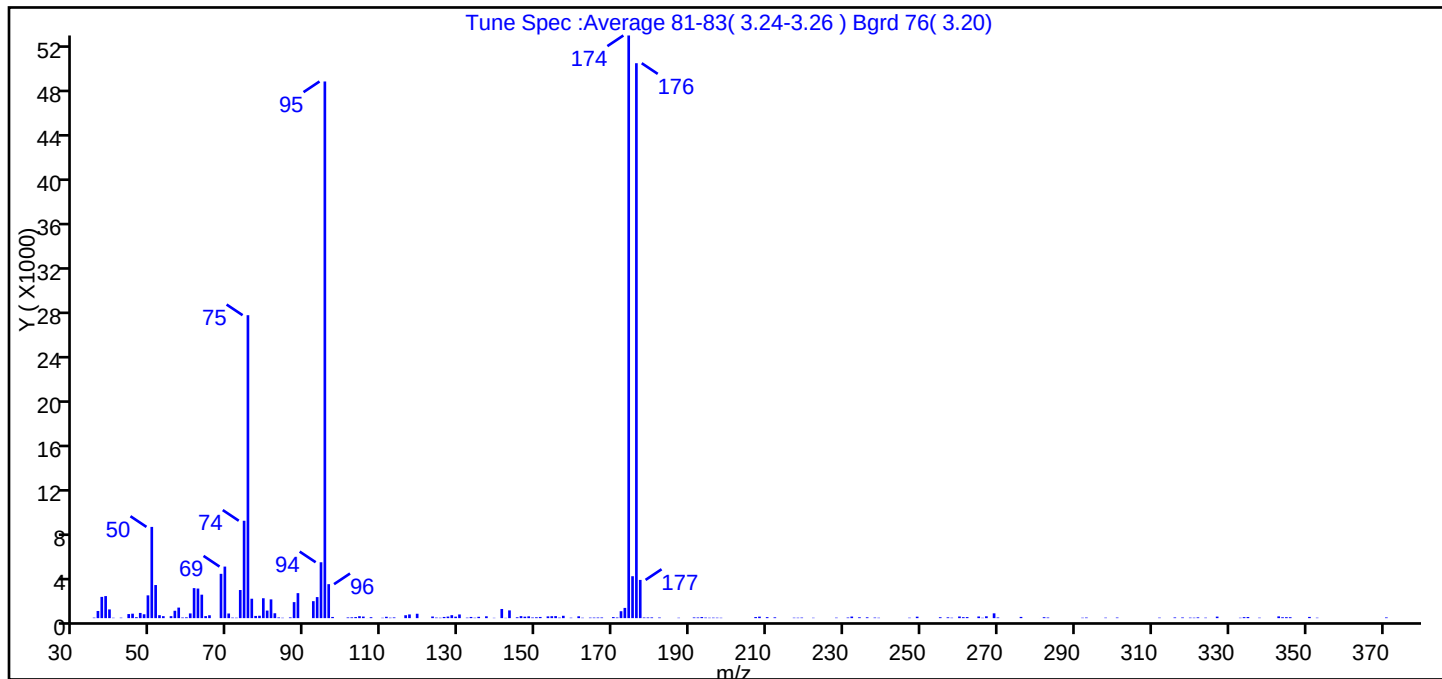
Method: OLM04.2LLW7

Limit Group:

VOA OLM04.2 LL Water ICAL

Tune Method: BFB Method CLP OLM4.2

\$ 36 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	base peak, 100 percent relative abundance	100
50	8.0-40.0 percent of mass 95	17.0
75	30.0-66.0 percent of mass 95	56.4
96	5.0-9.0 percent of mass 95	6.3
173	less than 2.0 percent of mass 174	1.9 (1.8)
174	50.0-120.0 percent of mass 95	109
175	4.0-9.0 percent of mass 174	7.8 (7.2)
176	93.0-101.0 percent of mass 174	103 (95.2)
177	5.0-9.0 percent of mass 176	7.1 (6.9)

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\45713.D\OLM04.2LLW7.rslt\spectra.d
Injection Date: 07-Jul-2016 19:41:30
Spectrum: Tune Spec :Average 81-83(3.24-3.26) Bgrd 76(3.20)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 180

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	45	86.00	65	150.00	77	232.00	143
36.00	647	87.00	1446	151.00	107	234.00	76
37.00	1918	88.00	2257	153.00	159	236.00	75
38.00	1991	92.00	1532	154.00	175	238.00	51
39.00	788	93.00	1900	155.00	184	239.00	35
40.00	34	94.00	5044	156.00	47	247.00	39
42.00	42	95.00	48440	157.00	212	249.00	131
44.00	367	96.00	3067	159.00	39	255.00	82
45.00	403	97.00	107	161.00	166	257.00	74
46.00	85	101.00	63	162.00	37	258.00	38
47.00	470	102.00	72	164.00	47	260.00	148
48.00	351	103.00	96	165.00	50	261.00	87
49.00	2057	104.00	175	166.00	55	262.00	95
50.00	8235	105.00	142	167.00	59	265.00	149
51.00	2988	106.00	4	170.00	94	266.00	33
52.00	268	107.00	83	171.00	57	267.00	166
53.00	179	110.00	34	172.00	625	269.00	434
55.00	179	111.00	123	173.00	924	270.00	61
56.00	666	112.00	40	174.00	52592	276.00	111
57.00	952	113.00	65	175.00	3785	281.00	1
58.00	56	116.00	262	176.00	50088	282.00	83
59.00	71	117.00	335	177.00	3451	283.00	54
60.00	426	119.00	397	178.00	58	292.00	38
61.00	2710	123.00	148	179.00	61	293.00	53
62.00	2671	124.00	49	180.00	66	298.00	43
63.00	2118	125.00	36	182.00	54	301.00	54
64.00	183	126.00	107	187.00	35	312.00	45
65.00	260	127.00	141	191.00	63	316.00	63
68.00	4000	128.00	269	192.00	59	318.00	61
69.00	4654	129.00	134	193.00	97	320.00	46
70.00	419	130.00	333	194.00	48	321.00	40
71.00	47	132.00	44	195.00	37	322.00	70
72.00	38	133.00	108	196.00	44	324.00	43

Report Date: 08-Jul-2016 20:02:31

Chrom Revision: 2.2 20-Apr-2016 13:59:46

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45713.D\OLM04.2LLW7.rslt\spectra.d

Injection Date: 07-Jul-2016 19:41:30

Spectrum: Tune Spec :Average 81-83(3.24-3.26) Bgrd 76(3.20)

Base Peak: 174.00

Minimum % Base Peak: 0

Number of Points: 180

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	2538	134.00	37	197.00	41	327.00	137
74.00	8792	135.00	120	198.00	34	333.00	35
75.00	27344	137.00	167	207.00	97	334.00	89
76.00	1753	139.00	28	208.00	135	335.00	100
77.00	200	141.00	827	210.00	90	338.00	41
78.00	217	142.00	25	212.00	74	343.00	159
79.00	1796	143.00	700	217.00	40	344.00	80
80.00	684	145.00	77	218.00	38	345.00	86
81.00	1694	146.00	181	219.00	50	346.00	83
82.00	440	147.00	132	222.00	34	351.00	111
83.00	62	148.00	162	228.00	43	353.00	39
84.00	34	149.00	58	231.00	55	371.00	64

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-377690/14

Matrix: Water Lab File ID: V45696.D

Analysis Method: OLM04.2/VOL Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 08:16

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.: 377690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-377690/14
Matrix: Water Lab File ID: V45696.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 08:16
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.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		76-114
2037-26-5	Toluene-d8 (Surr)	101		88-110
460-00-4	4-Bromofluorobenzene	100		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45696.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 07-Jul-2016 08:16:30 ALS Bottle#: 14 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0042999-014
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:18:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	78	132168	50.0	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	196741	50.0	53.8	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	748736	50.0	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	493529	50.0	50.6	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	710973	50.0	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	333921	50.0	50.2	

Reagents:

VMC4.2SU_00111 Amount Added: 2.50 Units: uL
 VMC4.2ISi_00116 Amount Added: 5.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45696.D

Injection Date: 07-Jul-2016 08:16:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: MB

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

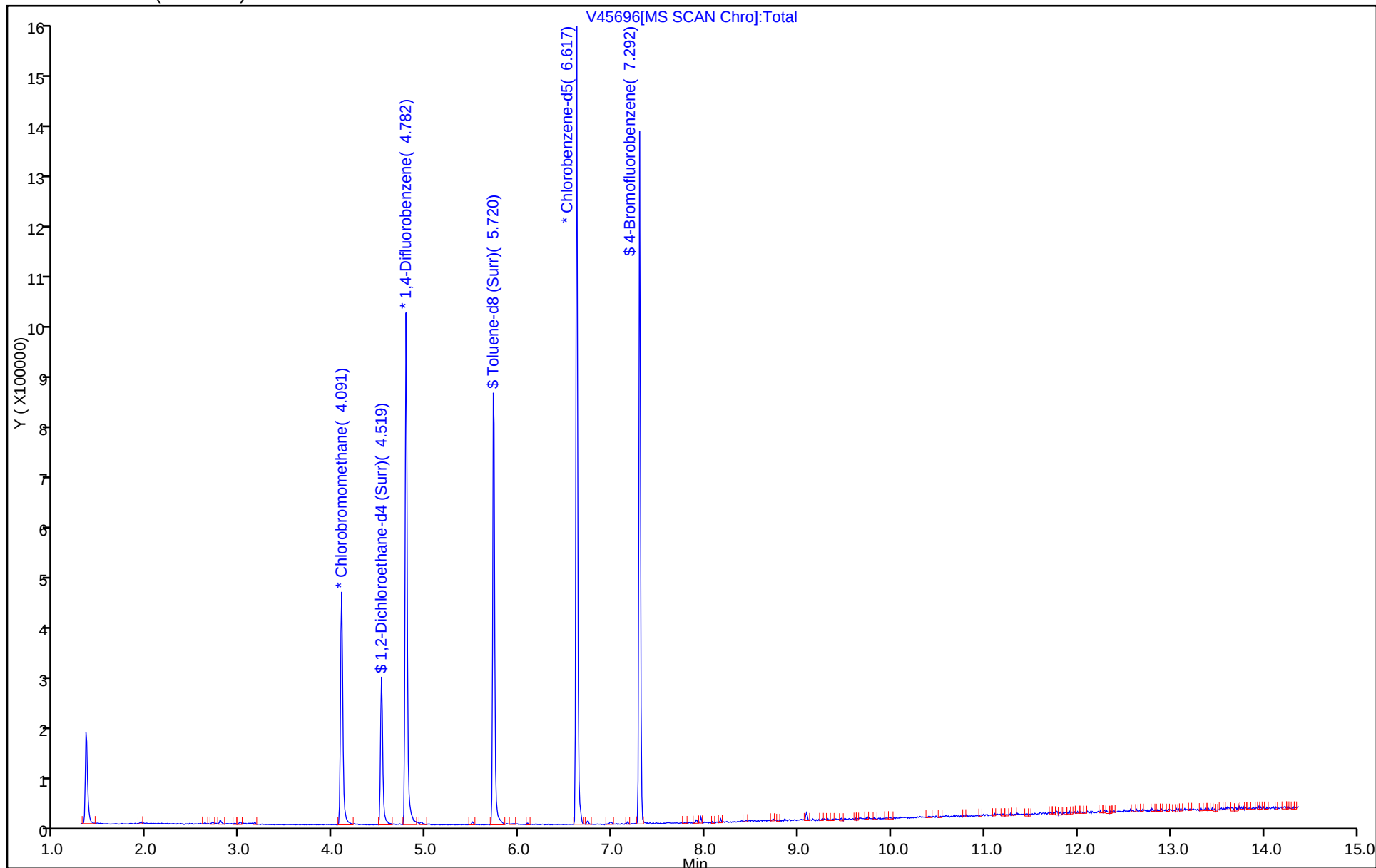
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-377886/7

Matrix: Water Lab File ID: V45719.D

Analysis Method: OLM04.2/VOL Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 22:10

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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-377886/7
Matrix: Water Lab File ID: V45719.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 22:10
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		76-114
2037-26-5	Toluene-d8 (Surr)	99		88-110
460-00-4	4-Bromofluorobenzene	98		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45719.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 07-Jul-2016 22:10:30 ALS Bottle#: 7 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0043044-007
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:47:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	76	117360	50.0	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	174049	50.0	50.7	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	671862	50.0	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	427520	50.0	49.7	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	648003	50.0	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	308774	50.0	49.0	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45719.D

Injection Date: 07-Jul-2016 22:10:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

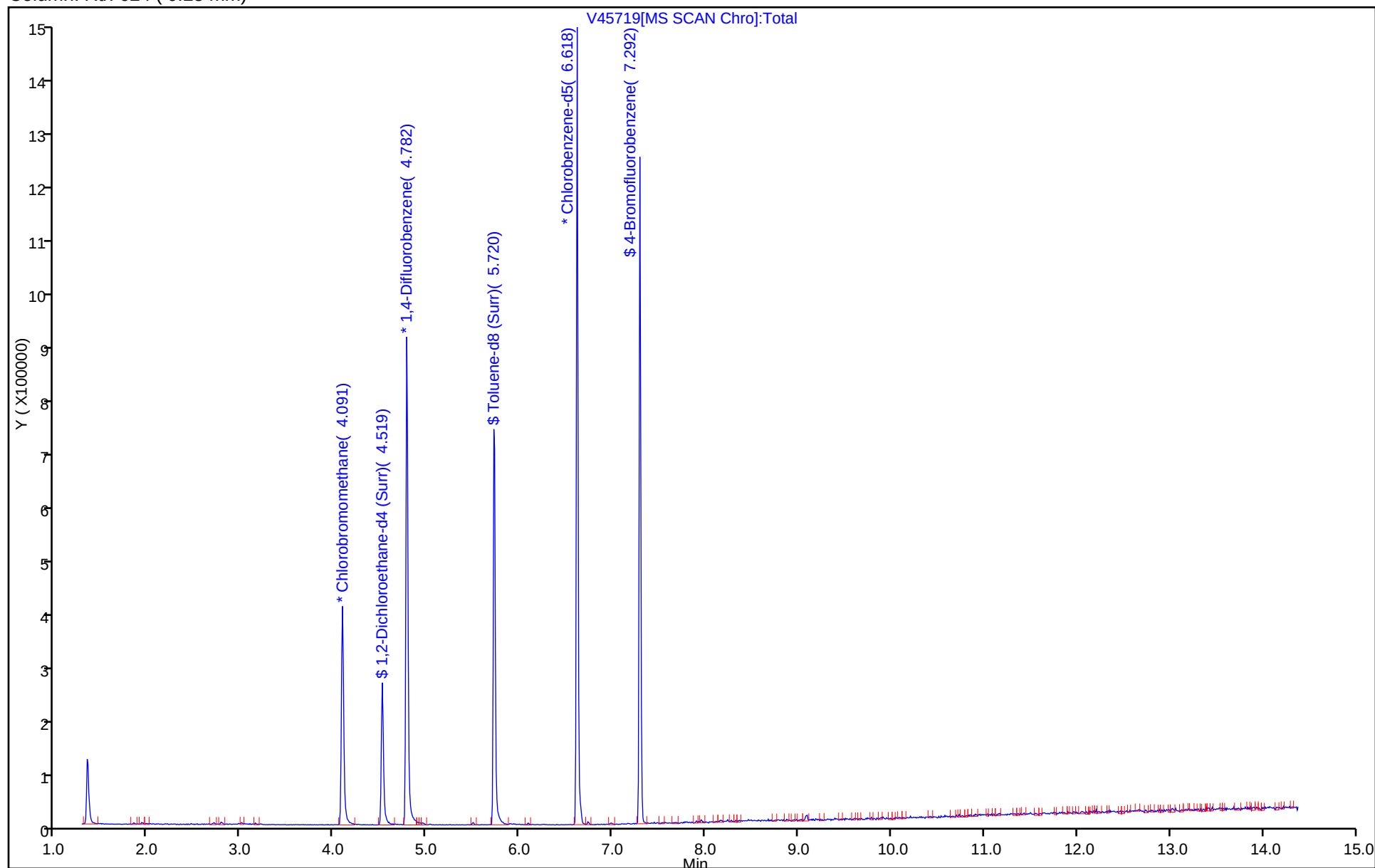
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: STOBLK 460-377886/30
 Matrix: Water Lab File ID: V45742.D
 Analysis Method: OLM04.2/VOL Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 07:26
 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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: STOBLK 460-377886/30
Matrix: Water Lab File ID: V45742.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 07:26
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		76-114
2037-26-5	Toluene-d8 (Surr)	100		88-110
460-00-4	4-Bromofluorobenzene	99		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45742.D
 Lims ID: STOBLK
 Client ID:
 Sample Type: STOBLK
 Inject. Date: 08-Jul-2016 07:26:30 ALS Bottle#: 30 Worklist Smp#: 30
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STOBLK
 Misc. Info.: 460-0043044-030
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: baronm

Date: 14-Jul-2016 12:37:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	73	113805	50.0	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	155998	50.0	46.8	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	597584	50.0	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	384789	50.0	50.2	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	83	577493	50.0	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	276960	50.0	49.3	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45742.D

Injection Date: 08-Jul-2016 07:26:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STOBLK

Worklist Smp#: 30

Client ID:

Purge Vol: 5.000 mL

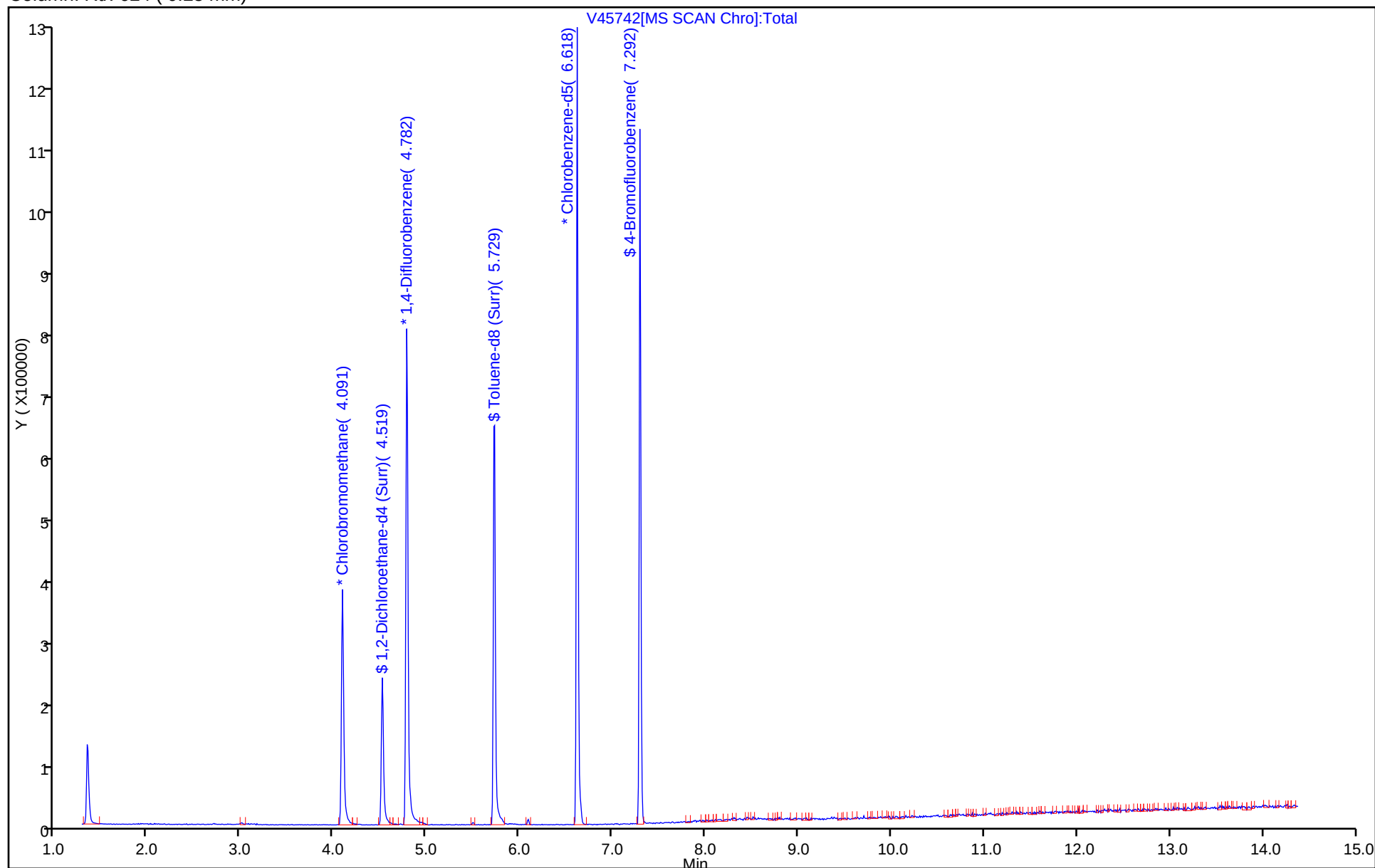
Dil. Factor: 1.0000

ALS Bottle#: 30

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-377690/10
 Matrix: Water Lab File ID: V45692.D
 Analysis Method: OLM04.2/VOL Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 06:40
 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.: 377690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	50.7		10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	50.6		10	0.10
79-00-5	1,1,2-Trichloroethane	51.1		10	0.10
75-34-3	1,1-Dichloroethane	51.1		10	0.10
75-35-4	1,1-Dichloroethene	49.5		10	0.10
107-06-2	1,2-Dichloroethane	49.9		10	0.10
78-87-5	1,2-Dichloropropane	51.7		10	0.10
78-93-3	2-Butanone (MEK)	52.7		10	0.10
591-78-6	2-Hexanone	52.7		10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	51.1		10	0.10
67-64-1	Acetone	63.3		10	0.10
71-43-2	Benzene	51.2		10	0.10
75-27-4	Dichlorobromomethane	50.3		10	0.10
75-25-2	Bromoform	50.7		10	0.10
74-83-9	Bromomethane	51.6		10	0.10
75-15-0	Carbon disulfide	51.1		10	0.10
56-23-5	Carbon tetrachloride	51.9		10	0.10
108-90-7	Chlorobenzene	51.0		10	0.10
124-48-1	Chlorodibromomethane	51.1		10	0.10
75-00-3	Chloroethane	51.6		10	0.10
67-66-3	Chloroform	51.0		10	0.10
74-87-3	Chloromethane	53.1		10	0.10
156-59-2	cis-1,2-Dichloroethene	49.6		10	0.10
10061-01-5	cis-1,3-Dichloropropene	50.3		10	0.10
100-41-4	Ethylbenzene	50.7		10	0.10
75-09-2	Methylene Chloride	49.5		10	0.10
100-42-5	Styrene	51.5		10	0.10
127-18-4	Tetrachloroethene	52.5		10	0.10
108-88-3	Toluene	52.0		10	0.10
156-60-5	trans-1,2-Dichloroethene	50.8		10	0.10
10061-02-6	trans-1,3-Dichloropropene	52.3		10	0.10
79-01-6	Trichloroethene	51.1		10	0.10
75-01-4	Vinyl chloride	51.8		10	0.10
1330-20-7	Xylenes, Total	153		10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-377690/10
Matrix: Water Lab File ID: V45692.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 06:40
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.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		76-114
2037-26-5	Toluene-d8 (Surr)	99		88-110
460-00-4	4-Bromofluorobenzene	103		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45692.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 07-Jul-2016 06:40:30 ALS Bottle#: 10 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0042999-010
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:17:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	88	31099	50.0	61.4	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	61	64357	50.0	61.0	
56 Chlorotrifluoroethene	116	1.458	1.457	0.001	84	88287	50.0	61.9	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	94	246018	50.0	55.3	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	97	179467	50.0	53.4	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	98	329339	50.0	57.4	
39 Chloromethane	50	1.655	1.655	0.000	100	289490	50.0	53.1	
12 Vinyl chloride	62	1.729	1.737	-0.008	99	259791	50.0	51.8	
65 Bromomethane	94	2.001	2.000	0.001	98	152091	50.0	51.6	
23 Chloroethane	64	2.075	2.075	0.001	100	165108	50.0	51.6	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	100	399761	50.0	54.0	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	91	243665	50.0	56.8	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	294815	50.0	55.0	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	94	208972	50.0	56.2	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	205090	50.0	49.5	
14 Acetone	43	2.700	2.700	0.000	85	98450	50.0	63.3	
3 Carbon disulfide	76	2.791	2.790	0.001	99	645679	50.0	51.1	
50 Methyl acetate	43	2.906	2.906	0.000	99	206469	50.0	47.7	
40 Methylene Chloride	84	3.005	3.004	0.001	92	257328	50.0	49.5	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	747238	50.0	45.4	
63 trans-1,2-Dichloroethene	96	3.161	3.153	0.008	95	239469	50.0	50.8	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	410119	50.0	51.1	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	98	262530	50.0	49.6	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	129741	50.0	52.7	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	137471	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	99	469417	50.0	51.0	
8 Cyclohexane	56	4.231	4.231	0.000	89	325542	50.0	53.5	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	96	426991	50.0	50.7	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	318389	50.0	51.9	
22 Benzene	78	4.511	4.510	0.001	96	981002	50.0	51.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	193079	50.0	50.8	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	387668	50.0	49.9	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	798721	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	282823	50.0	51.1	
55 Methylcyclohexane	83	5.029	5.029	0.000	94	350012	50.0	53.2	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	87	241165	50.0	51.7	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	372352	50.0	50.3	
10 cis-1,3-Dichloropropene	75	5.589	5.589	0.000	92	422872	50.0	50.3	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	96	251200	50.0	51.1	
\$ 38 Toluene-d8 (Surr)	98	5.721	5.720	0.001	99	522510	50.0	49.3	
30 Toluene	91	5.770	5.770	0.000	93	1089590	50.0	52.0	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	97	417622	50.0	52.3	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	264230	50.0	51.1	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	236886	50.0	52.5	
7 2-Hexanone	43	6.181	6.181	0.000	95	172379	50.0	52.7	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	359948	50.0	51.1	
48 Ethylene Dibromide	107	6.371	6.370	0.001	99	256193	50.0	45.4	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	85	772876	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	760402	50.0	51.0	
62 Ethylbenzene	106	6.667	6.667	0.000	97	363488	50.0	50.7	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	937124	100.0	102.5	
25 o-Xylene	106	6.971	6.971	0.000	94	464002	50.0	50.7	
17 Styrene	104	6.988	6.988	0.000	96	834084	50.0	51.5	
51 Bromoform	173	7.128	7.128	0.000	98	287777	50.0	50.7	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	1101214	50.0	47.4	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	373126	50.0	51.6	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	97	352763	50.0	50.6	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	98	565919	50.0	45.2	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	97	587645	50.0	45.8	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	98	559987	50.0	45.6	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	91	62783	50.0	46.4	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	307946	50.0	48.1	
S 9 Xylenes, Total	106				0	1401126	150.0	153.2	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

VMC4.2spk_00047	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45692.D

Injection Date: 07-Jul-2016 06:40:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: LCS

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

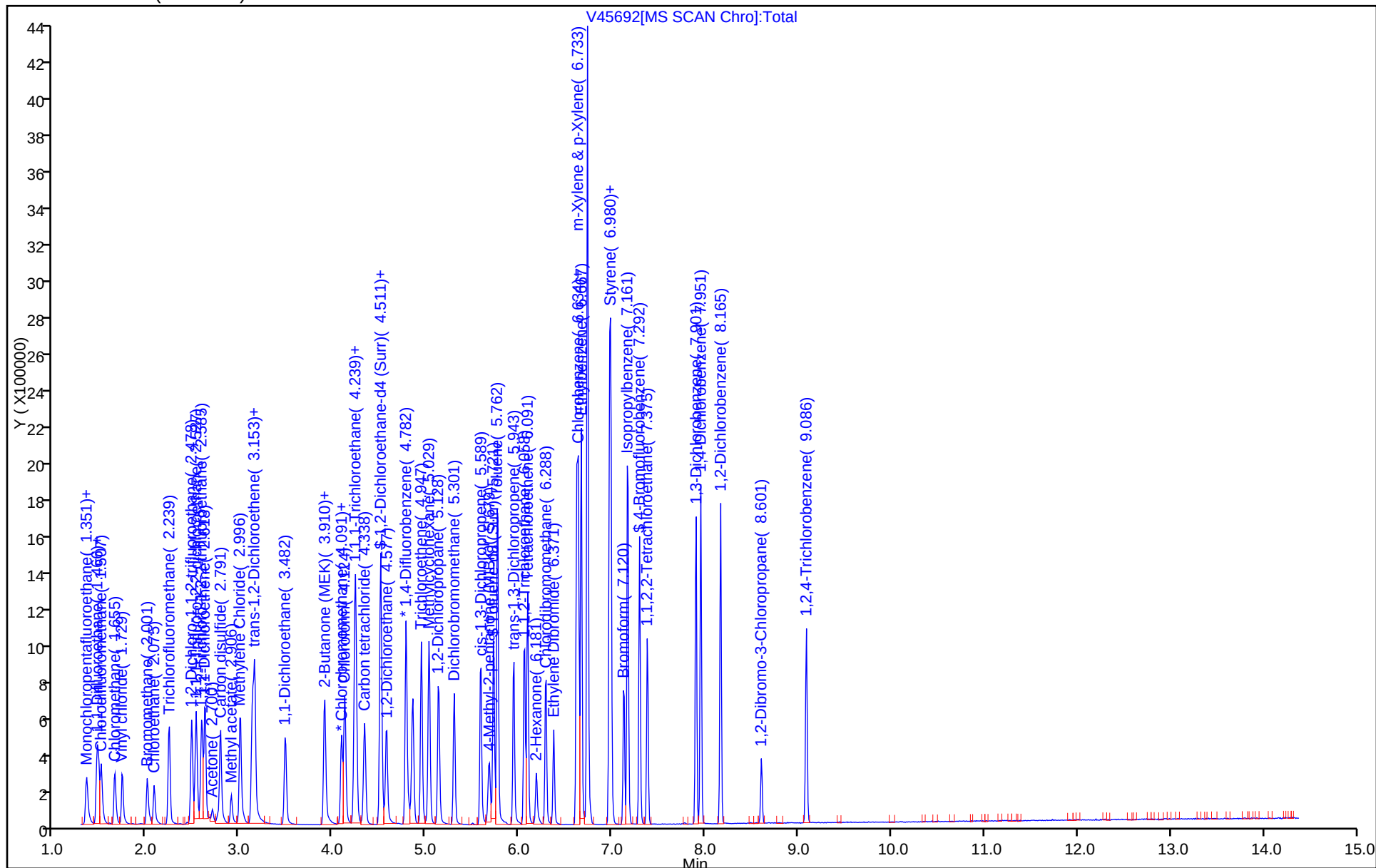
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-377886/3
 Matrix: Water Lab File ID: V45715.D
 Analysis Method: OLM04.2/VOL Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 07/07/2016 20:34
 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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	51.4		10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	51.6		10	0.10
79-00-5	1,1,2-Trichloroethane	51.3		10	0.10
75-34-3	1,1-Dichloroethane	51.1		10	0.10
75-35-4	1,1-Dichloroethene	51.0		10	0.10
107-06-2	1,2-Dichloroethane	50.8		10	0.10
78-87-5	1,2-Dichloropropane	50.7		10	0.10
78-93-3	2-Butanone (MEK)	54.5		10	0.10
591-78-6	2-Hexanone	53.2		10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	53.0		10	0.10
67-64-1	Acetone	46.4		10	0.10
71-43-2	Benzene	50.8		10	0.10
75-27-4	Dichlorobromomethane	50.0		10	0.10
75-25-2	Bromoform	50.0		10	0.10
74-83-9	Bromomethane	52.2		10	0.10
75-15-0	Carbon disulfide	48.3		10	0.10
56-23-5	Carbon tetrachloride	52.6		10	0.10
108-90-7	Chlorobenzene	51.5		10	0.10
124-48-1	Chlorodibromomethane	50.4		10	0.10
75-00-3	Chloroethane	51.7		10	0.10
67-66-3	Chloroform	50.6		10	0.10
74-87-3	Chloromethane	49.5		10	0.10
156-59-2	cis-1,2-Dichloroethene	50.1		10	0.10
10061-01-5	cis-1,3-Dichloropropene	50.1		10	0.10
100-41-4	Ethylbenzene	51.6		10	0.10
75-09-2	Methylene Chloride	47.1		10	0.10
100-42-5	Styrene	51.6		10	0.10
127-18-4	Tetrachloroethene	51.2		10	0.10
108-88-3	Toluene	51.9		10	0.10
156-60-5	trans-1,2-Dichloroethene	48.3		10	0.10
10061-02-6	trans-1,3-Dichloropropene	49.9		10	0.10
79-01-6	Trichloroethene	51.4		10	0.10
75-01-4	Vinyl chloride	50.7		10	0.10
1330-20-7	Xylenes, Total	156		10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-377886/3
Matrix: Water Lab File ID: V45715.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 20:34
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		76-114
2037-26-5	Toluene-d8 (Surr)	102		88-110
460-00-4	4-Bromofluorobenzene	100		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45715.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 07-Jul-2016 20:34:30 ALS Bottle#: 3 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0043044-003
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: baronm

Date: 14-Jul-2016 12:19:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	84	32322	50.0	53.1	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	58	64611	50.0	51.9	
56 Chlorotrifluoroethene	116	1.458	1.457	0.001	90	87247	50.0	52.1	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	94	220164	50.0	49.8	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	174496	50.0	52.7	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	308177	50.0	50.5	
39 Chloromethane	50	1.655	1.655	0.000	100	243363	50.0	49.5	
12 Vinyl chloride	62	1.737	1.737	0.000	99	231404	50.0	50.7	
65 Bromomethane	94	2.001	2.001	0.000	99	142706	50.0	52.2	
23 Chloroethane	64	2.075	2.075	0.000	99	145673	50.0	51.7	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	395559	50.0	51.2	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	88	226218	50.0	49.3	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	284022	50.0	50.8	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	94	196569	50.0	48.9	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	197700	50.0	51.0	
14 Acetone	43	2.700	2.700	0.000	86	79385	50.0	46.4	
3 Carbon disulfide	76	2.791	2.791	0.000	99	591915	50.0	48.3	
50 Methyl acetate	43	2.906	2.906	0.000	99	197445	50.0	53.9	
40 Methylene Chloride	84	2.996	3.005	-0.009	91	225152	50.0	47.1	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	766219	50.0	50.6	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	95	220146	50.0	48.3	
\$ 36 BFB									
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	362328	50.0	51.1	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	242598	50.0	50.1	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	112613	50.0	54.5	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	75	126420	50.0	50.0	
31 Chloroform	83	4.124	4.124	0.000	99	422867	50.0	50.6	
8 Cyclohexane	56	4.231	4.231	0.000	88	285674	50.0	49.0	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	420627	50.0	51.4	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	335947	50.0	52.6	
22 Benzene	78	4.511	4.511	0.000	96	880348	50.0	50.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	182268	50.0	49.3	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	352879	50.0	50.8	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	728976	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	271154	50.0	51.4	
55 Methylcyclohexane	83	5.029	5.029	0.000	93	319951	50.0	46.5	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	88	206665	50.0	50.7	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	338182	50.0	50.0	
10 cis-1,3-Dichloropropene	75	5.589	5.580	0.009	92	378280	50.0	50.1	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	96	218179	50.0	53.0	
\$ 38 Toluene-d8 (Surr)	98	5.721	5.720	0.001	98	475409	50.0	50.9	
30 Toluene	91	5.770	5.762	0.008	93	1005974	50.0	51.9	
24 trans-1,3-Dichloropropene	75	5.943	5.943	0.000	97	365741	50.0	49.9	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	93	239335	50.0	51.3	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	241393	50.0	51.2	
7 2-Hexanone	43	6.181	6.181	0.000	95	145150	50.0	53.2	
32 Chlorodibromomethane	129	6.288	6.288	0.000	97	333888	50.0	50.4	
48 Ethylene Dibromide	107	6.371	6.371	0.001	99	260369	50.0	50.2	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	703410	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	694911	50.0	51.5	
62 Ethylbenzene	106	6.667	6.667	0.000	97	347713	50.0	51.6	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	874236	100.0	104.3	
25 o-Xylene	106	6.971	6.971	0.000	94	433618	50.0	51.7	
17 Styrene	104	6.980	6.988	-0.008	96	750886	50.0	51.6	
51 Bromoform	173	7.120	7.128	-0.008	98	268596	50.0	50.0	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	1101297	50.0	50.5	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	343544	50.0	50.2	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.375	0.000	96	312759	50.0	51.6	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	598271	50.0	50.6	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.000	97	615629	50.0	50.8	
2 1,2-Dichlorobenzene	146	8.165	8.165	0.000	98	582603	50.0	50.5	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	66075	50.0	51.7	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	94	320243	50.0	51.1	
S 9 Xylenes, Total	106				0	1307854	150.0	156.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

VMC4.2spk_00047	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

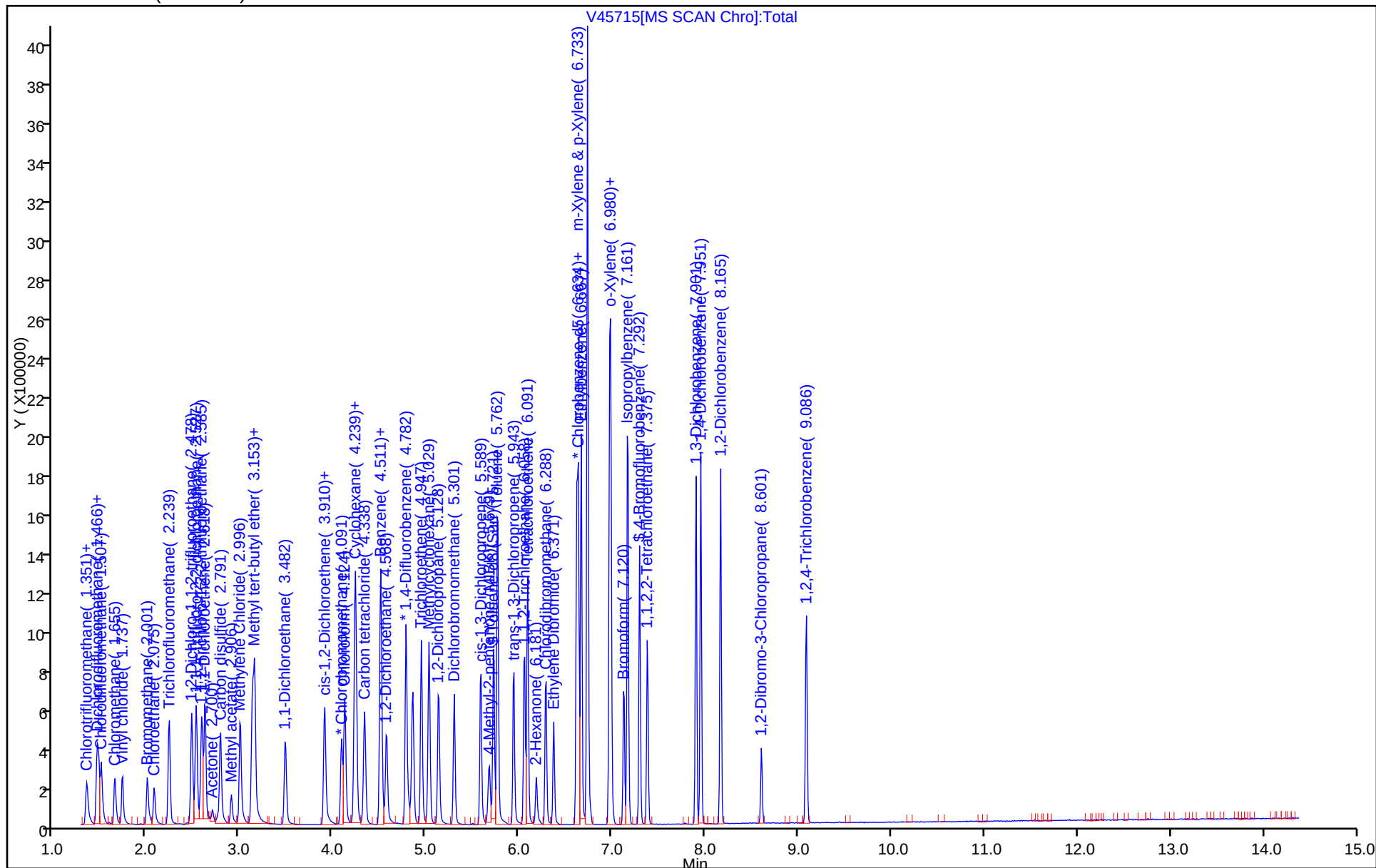
Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45715.D

Worklist Smp#: 3

ALS Bottle#: 3

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-377690/11

Matrix: Water Lab File ID: V45693.D

Analysis Method: OLM04.2/VOL Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 07:04

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.: 377690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	48.4		10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	49.4		10	0.10
79-00-5	1,1,2-Trichloroethane	49.0		10	0.10
75-34-3	1,1-Dichloroethane	49.3		10	0.10
75-35-4	1,1-Dichloroethene	47.4		10	0.10
107-06-2	1,2-Dichloroethane	48.6		10	0.10
78-87-5	1,2-Dichloropropane	48.8		10	0.10
78-93-3	2-Butanone (MEK)	52.4		10	0.10
591-78-6	2-Hexanone	52.0		10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	50.4		10	0.10
67-64-1	Acetone	58.6		10	0.10
71-43-2	Benzene	48.9		10	0.10
75-27-4	Dichlorobromomethane	48.7		10	0.10
75-25-2	Bromoform	48.7		10	0.10
74-83-9	Bromomethane	51.1		10	0.10
75-15-0	Carbon disulfide	49.7		10	0.10
56-23-5	Carbon tetrachloride	49.1		10	0.10
108-90-7	Chlorobenzene	48.2		10	0.10
124-48-1	Chlorodibromomethane	49.5		10	0.10
75-00-3	Chloroethane	49.4		10	0.10
67-66-3	Chloroform	49.3		10	0.10
74-87-3	Chloromethane	50.3		10	0.10
156-59-2	cis-1,2-Dichloroethene	49.7		10	0.10
10061-01-5	cis-1,3-Dichloropropene	47.7		10	0.10
100-41-4	Ethylbenzene	47.5		10	0.10
75-09-2	Methylene Chloride	47.8		10	0.10
100-42-5	Styrene	48.4		10	0.10
127-18-4	Tetrachloroethene	48.2		10	0.10
108-88-3	Toluene	49.1		10	0.10
156-60-5	trans-1,2-Dichloroethene	49.3		10	0.10
10061-02-6	trans-1,3-Dichloropropene	49.4		10	0.10
79-01-6	Trichloroethene	48.6		10	0.10
75-01-4	Vinyl chloride	49.2		10	0.10
1330-20-7	Xylenes, Total	143		10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-377690/11
Matrix: Water Lab File ID: V45693.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 07:04
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.: 377690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		76-114
2037-26-5	Toluene-d8 (Surr)	100		88-110
460-00-4	4-Bromofluorobenzene	105		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45693.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 07-Jul-2016 07:04:30 ALS Bottle#: 11 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0042999-011
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:18:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	87	26872	50.0	52.6	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	64	60275	50.0	56.7	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	85	81023	50.0	56.4	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	234276	50.0	52.2	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	97	172284	50.0	50.9	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	98	304853	50.0	52.7	
39 Chloromethane	50	1.655	1.655	0.000	100	276379	50.0	50.3	
12 Vinyl chloride	62	1.737	1.737	0.000	99	248660	50.0	49.2	
65 Bromomethane	94	2.000	2.000	0.000	97	151926	50.0	51.1	
23 Chloroethane	64	2.075	2.075	0.001	99	159171	50.0	49.4	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	100	392540	50.0	52.6	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	89	227651	50.0	52.7	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	96	288392	50.0	53.4	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	95	207000	50.0	55.3	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	198041	50.0	47.4	
14 Acetone	43	2.700	2.700	0.000	86	91781	50.0	58.6	
3 Carbon disulfide	76	2.791	2.790	0.001	99	632363	50.0	49.7	
50 Methyl acetate	43	2.906	2.906	0.000	99	202674	50.0	46.4	
40 Methylene Chloride	84	3.005	3.004	0.000	92	250344	50.0	47.8	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	740425	50.0	44.7	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	95	234037	50.0	49.3	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	398750	50.0	49.3	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	265194	50.0	49.7	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	129945	50.0	52.4	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	138537	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	99	457587	50.0	49.3	
8 Cyclohexane	56	4.231	4.231	0.000	90	315023	50.0	51.2	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	412215	50.0	48.4	
6 Carbon tetrachloride	117	4.338	4.338	0.000	99	304902	50.0	49.1	
22 Benzene	78	4.511	4.510	0.001	97	949211	50.0	48.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	197246	50.0	51.5	
43 1,2-Dichloroethane	62	4.576	4.568	0.008	99	380545	50.0	48.6	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	807891	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	96	271918	50.0	48.6	
55 Methylcyclohexane	83	5.029	5.029	0.000	94	343960	50.0	51.7	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	88	230293	50.0	48.8	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	364516	50.0	48.7	
10 cis-1,3-Dichloropropene	75	5.589	5.589	0.000	92	405193	50.0	47.7	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	96	247572	50.0	50.4	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	527005	50.0	49.8	
30 Toluene	91	5.770	5.770	0.000	93	1027454	50.0	49.1	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.000	97	399199	50.0	49.4	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	256034	50.0	49.0	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	216816	50.0	48.2	
7 2-Hexanone	43	6.181	6.181	0.000	95	169506	50.0	52.0	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	347481	50.0	49.5	
48 Ethylene Dibromide	107	6.370	6.370	0.000	98	252863	50.0	44.9	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	85	771332	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	718579	50.0	48.2	
62 Ethylbenzene	106	6.667	6.667	0.000	96	339827	50.0	47.5	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	866930	100.0	95.0	
25 o-Xylene	106	6.971	6.971	0.000	95	437089	50.0	47.9	
17 Styrene	104	6.988	6.988	0.000	96	782374	50.0	48.4	
51 Bromoform	173	7.128	7.128	0.000	99	279137	50.0	48.7	
42 Isopropylbenzene	105	7.161	7.169	-0.009	95	1061104	50.0	45.8	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	380853	50.0	52.8	
29 1,1,2,2-Tetrachloroethane	83	7.374	7.374	0.000	97	344227	50.0	49.4	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	569001	50.0	45.5	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	96	578339	50.0	45.1	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	99	557584	50.0	45.5	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	61420	50.0	45.4	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	306508	50.0	47.9	
S 9 Xylenes, Total	106				0	1304019	150.0	142.9	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

VMC4.2spk_00047	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45693.D

Injection Date: 07-Jul-2016 07:04:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: LCSD

Worklist Smp#: 11

Client ID:

Purge Vol: 5.000 mL

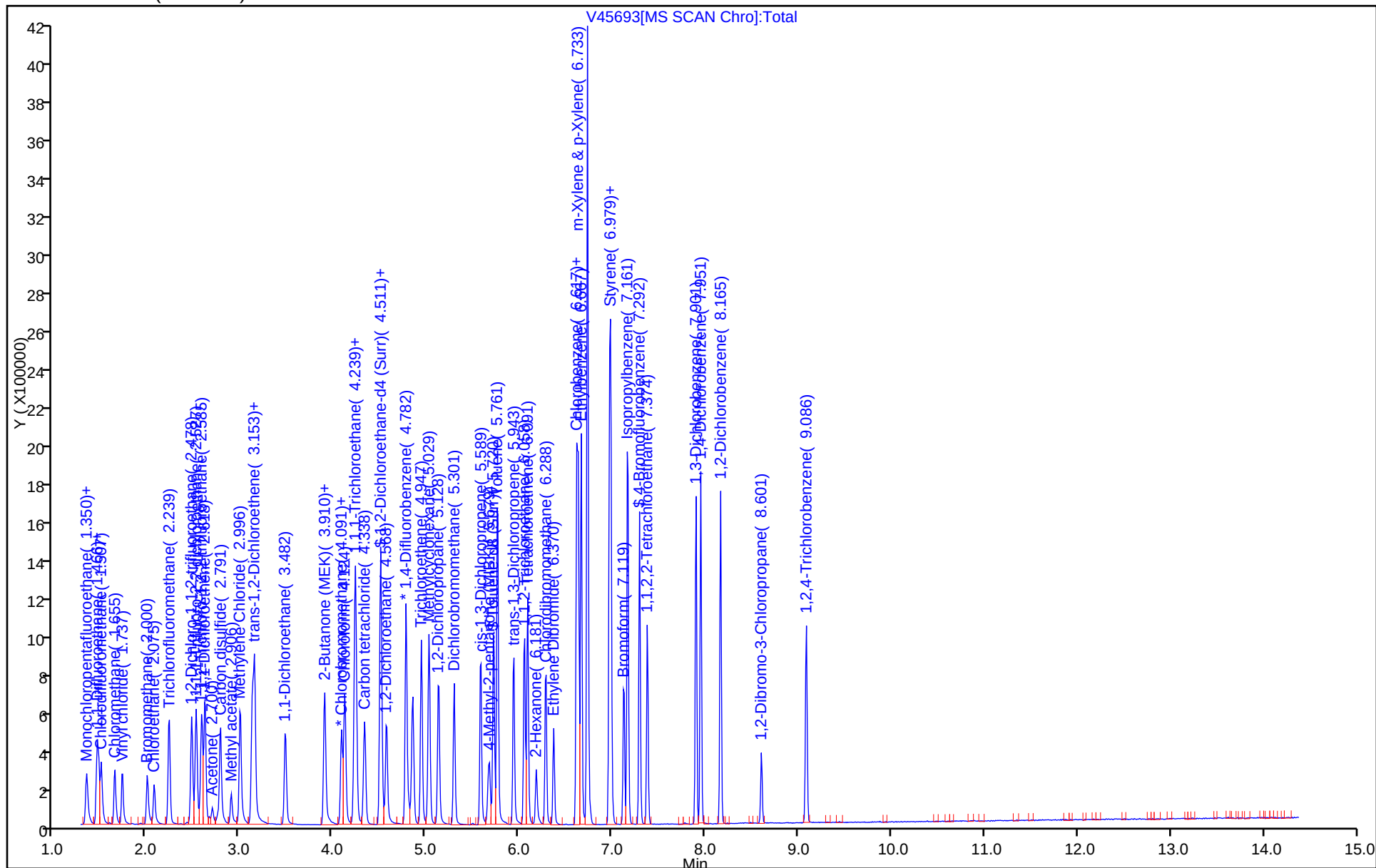
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-377886/4
 Matrix: Water Lab File ID: V45716.D
 Analysis Method: OLM04.2/VOL Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 20:58
 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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	51.9		10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	54.1		10	0.10
79-00-5	1,1,2-Trichloroethane	53.3		10	0.10
75-34-3	1,1-Dichloroethane	50.9		10	0.10
75-35-4	1,1-Dichloroethene	48.7		10	0.10
107-06-2	1,2-Dichloroethane	50.6		10	0.10
78-87-5	1,2-Dichloropropane	54.5		10	0.10
78-93-3	2-Butanone (MEK)	52.9		10	0.10
591-78-6	2-Hexanone	57.6		10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	56.0		10	0.10
67-64-1	Acetone	49.5		10	0.10
71-43-2	Benzene	52.3		10	0.10
75-27-4	Dichlorobromomethane	53.1		10	0.10
75-25-2	Bromoform	53.4		10	0.10
74-83-9	Bromomethane	50.2		10	0.10
75-15-0	Carbon disulfide	46.8		10	0.10
56-23-5	Carbon tetrachloride	50.4		10	0.10
108-90-7	Chlorobenzene	52.0		10	0.10
124-48-1	Chlorodibromomethane	52.0		10	0.10
75-00-3	Chloroethane	50.8		10	0.10
67-66-3	Chloroform	50.9		10	0.10
74-87-3	Chloromethane	48.7		10	0.10
156-59-2	cis-1,2-Dichloroethene	49.4		10	0.10
10061-01-5	cis-1,3-Dichloropropene	52.9		10	0.10
100-41-4	Ethylbenzene	51.5		10	0.10
75-09-2	Methylene Chloride	48.4		10	0.10
100-42-5	Styrene	52.3		10	0.10
127-18-4	Tetrachloroethene	49.2		10	0.10
108-88-3	Toluene	52.5		10	0.10
156-60-5	trans-1,2-Dichloroethene	45.6		10	0.10
10061-02-6	trans-1,3-Dichloropropene	52.9		10	0.10
79-01-6	Trichloroethene	52.0		10	0.10
75-01-4	Vinyl chloride	48.5		10	0.10
1330-20-7	Xylenes, Total	157		10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-377886/4
Matrix: Water Lab File ID: V45716.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 20:58
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		76-114
2037-26-5	Toluene-d8 (Surr)	102		88-110
460-00-4	4-Bromofluorobenzene	99		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45716.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 07-Jul-2016 20:58:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0043044-004
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: baronm

Date: 14-Jul-2016 12:20:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	85	25577	50.0	41.2	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	90	51661	50.0	40.8	
56 Chlorotrifluoroethene	116	1.458	1.457	0.001	90	69465	50.0	40.8	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	191061	50.0	42.4	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	162703	50.0	48.2	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	253816	50.0	40.8	
39 Chloromethane	50	1.655	1.655	0.000	99	243685	50.0	48.7	
12 Vinyl chloride	62	1.737	1.737	0.000	99	225285	50.0	48.5	
65 Bromomethane	94	2.001	2.001	0.000	98	139755	50.0	50.2	
23 Chloroethane	64	2.075	2.075	0.000	100	145679	50.0	50.8	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	382372	50.0	48.6	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	89	188751	50.0	40.4	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	238236	50.0	41.8	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	92	188812	50.0	46.1	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	192262	50.0	48.7	
14 Acetone	43	2.700	2.700	0.000	85	86253	50.0	49.5	
3 Carbon disulfide	76	2.791	2.791	0.000	100	584050	50.0	46.8	
50 Methyl acetate	43	2.906	2.906	0.000	98	178689	50.0	47.9	
40 Methylene Chloride	84	3.005	3.005	0.000	90	235704	50.0	48.4	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	678790	50.0	44.0	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	94	211730	50.0	45.6	
\$ 36 BFB									
64 1,1-Dichloroethane	63	3.490	3.482	0.008	99	366835	50.0	50.9	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	98	243852	50.0	49.4	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	98	111211	50.0	52.9	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	76	128740	50.0	50.0	
31 Chloroform	83	4.124	4.124	0.000	99	432824	50.0	50.9	
8 Cyclohexane	56	4.231	4.231	0.000	89	282576	50.0	50.5	
47 1,1,1-Trichloroethane	97	4.247	4.239	0.008	96	408084	50.0	51.9	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	308899	50.0	50.4	
22 Benzene	78	4.511	4.511	0.000	96	868784	50.0	52.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	177135	50.0	47.0	
43 1,2-Dichloroethane	62	4.577	4.568	0.009	99	357667	50.0	50.6	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	699655	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	263160	50.0	52.0	
55 Methylcyclohexane	83	5.029	5.029	0.000	93	317546	50.0	48.1	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	86	213313	50.0	54.5	
20 Dichlorobromomethane	83	5.301	5.301	0.000	98	345113	50.0	53.1	
10 cis-1,3-Dichloropropene	75	5.589	5.580	0.009	92	383480	50.0	52.9	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	95	225073	50.0	56.0	
\$ 38 Toluene-d8 (Surr)	98	5.721	5.720	0.001	99	466655	50.0	51.2	
30 Toluene	91	5.770	5.762	0.008	95	993878	50.0	52.5	
24 trans-1,3-Dichloropropene	75	5.943	5.943	0.000	96	372377	50.0	52.9	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	93	238714	50.0	53.3	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	226784	50.0	49.2	
7 2-Hexanone	43	6.181	6.181	0.000	95	153299	50.0	57.6	
32 Chlorodibromomethane	129	6.288	6.288	0.000	97	336193	50.0	52.0	
48 Ethylene Dibromide	107	6.371	6.371	0.001	98	248567	50.0	49.1	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	686471	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	684107	50.0	52.0	
62 Ethylbenzene	106	6.667	6.667	0.000	97	339229	50.0	51.5	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	856762	100.0	104.7	
25 o-Xylene	106	6.971	6.971	0.000	95	427199	50.0	52.2	
17 Styrene	104	6.988	6.988	0.000	97	742255	50.0	52.3	
51 Bromoform	173	7.128	7.128	0.000	99	275228	50.0	53.4	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	1029953	50.0	48.4	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	331804	50.0	49.7	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.375	0.000	96	320101	50.0	54.1	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	554388	50.0	48.1	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.000	97	570401	50.0	48.2	
2 1,2-Dichlorobenzene	146	8.165	8.165	0.000	98	532540	50.0	47.3	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	61146	50.0	49.0	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	305554	50.0	49.9	
S 9 Xylenes, Total	106				0	1283961	150.0	156.9	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

VMC4.2spk_00047	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45716.D

Injection Date: 07-Jul-2016 20:58:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: LCSD

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

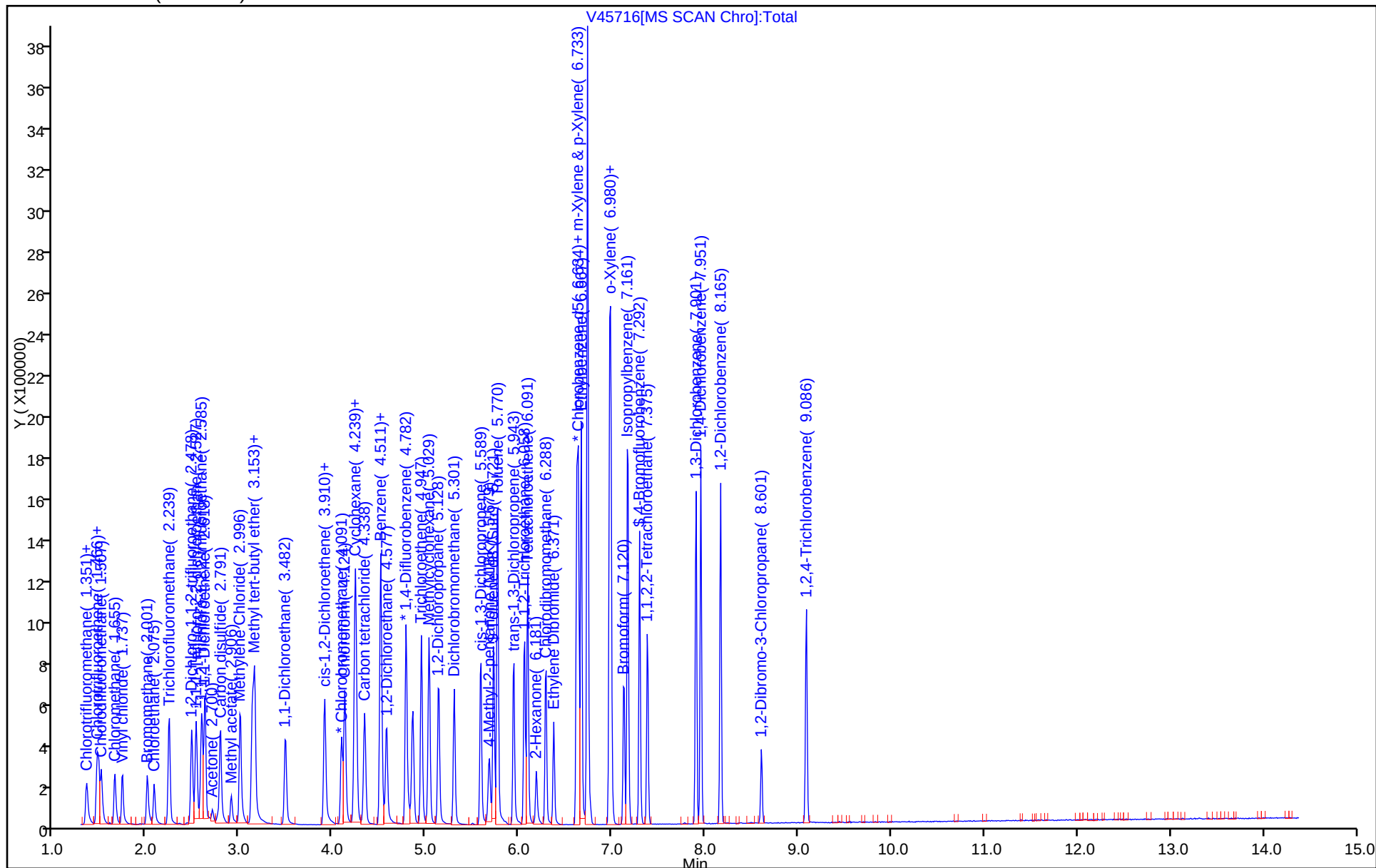
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Instrument ID: CVOAMS7 Start Date: 07/07/2016 02:48
 Analysis Batch Number: 377690 End Date: 07/07/2016 13:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-377690/1		07/07/2016 02:48	1	V45683.D	Rtx-624 0.25 (mm)
STD1 460-377690/3 IC		07/07/2016 03:38	1	V45685.D	Rtx-624 0.25 (mm)
STD20 460-377690/4 IC		07/07/2016 04:02	1	V45686.D	Rtx-624 0.25 (mm)
STD100 460-377690/5 IC		07/07/2016 04:26	1	V45687.D	Rtx-624 0.25 (mm)
STD200 460-377690/6 IC		07/07/2016 04:51	1	V45688.D	Rtx-624 0.25 (mm)
STD50 460-377690/9 ICIS		07/07/2016 06:17	1	V45691.D	Rtx-624 0.25 (mm)
LCS 460-377690/10		07/07/2016 06:40	1	V45692.D	Rtx-624 0.25 (mm)
LCSD 460-377690/11		07/07/2016 07:04	1	V45693.D	Rtx-624 0.25 (mm)
MB 460-377690/14		07/07/2016 08:16	1	V45696.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 08:39	1		Rtx-624 0.25 (mm)
460-116377-3		07/07/2016 09:03	1	V45698.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 09:28	1		Rtx-624 0.25 (mm)
460-116377-4		07/07/2016 09:52	1	V45700.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 10:16	1		Rtx-624 0.25 (mm)
460-116377-2		07/07/2016 10:40	1	V45702.D	Rtx-624 0.25 (mm)
460-116377-1		07/07/2016 12:43	10	V45707.D	Rtx-624 0.25 (mm)
460-116377-6		07/07/2016 13:07	20	V45708.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-116377-1

SDG No.: _____

Instrument ID: CVOAMS7 Start Date: 07/07/2016 19:41Analysis Batch Number: 377886 End Date: 07/08/2016 07:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-377886/1		07/07/2016 19:41	1	V45713.D	Rtx-624 0.25 (mm)
CCVIS 460-377886/2		07/07/2016 20:10	1	V45714.D	Rtx-624 0.25 (mm)
LCS 460-377886/3		07/07/2016 20:34	1	V45715.D	Rtx-624 0.25 (mm)
LCSD 460-377886/4		07/07/2016 20:58	1	V45716.D	Rtx-624 0.25 (mm)
MB 460-377886/7		07/07/2016 22:10	1	V45719.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 22:34	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 22:58	1		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 01:24	20		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 01:47	20		Rtx-624 0.25 (mm)
460-116377-5		07/08/2016 02:35	1	V45730.D	Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 03:23	2		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 04:10	2		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 04:59	1		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 05:47	2		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 06:11	2		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 06:59	1		Rtx-624 0.25 (mm)
STOBLK 460-377886/30		07/08/2016 07:26	1	V45742.D	Rtx-624 0.25 (mm)

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS



460-116377 Chain of Custody

n Road
sey 08817
9-3900 Fax: (732) 549-3679

Page 1 of 1

Name (for report and invoice) 101 Frost Street Associates/Next Millennium Realty Company % Malden Env. Engineering		Sample Name (Printed) Jessica Bluth		Site/Project Identification Frost Street Sites, Westbury NY	
Address 16 Spring Street		P.O. # SPGL 100.01		State (Location of site): NJ: ☐ NY: ☒ Other: ☐	
City Oyster Bay State NY 11771		Analysis Turnaround Time Standard ☒ Rush Charges Authorized For: 1 Week ☐ 2 Week ☐ Other ☐		Regulatory Program: ☐ DKCP: ☐	
Phone (516) 624-7200 Fax (516) 624-3219		ANALYSIS REQUESTED (ENTER % BELOW TO INDICATE REQUEST)		LAB USE ONLY Job No: 116377 Project No:	
Sample Identification	Date	Time	Matrix	No. of Cont.	Sample Numbers
ESMW-2A 06292016	6/29/16	1530	AQ.	3	1
ESMW-2B 06292016	6/29/16	1400	AQ	3	2
Trip Blank 06302016	6/30/16	—	AQ	2	3
Equipment 06302016	6/30/16	0730	AQ	3	4
ESMW-8A 06302016	6/30/16	0805	AQ	3	5
ESMW-14B 06302016	6/30/16	1220	AQ	3	6
Preservation Used: (1 = ICE, 2 = HCl) 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH 6 = Other _____, 7 = Other _____ Soil: _____ Water: 6					

Special Instructions: *Cat B Deliverables, PPE & EDD to: P&S Associates, Inc. walden-associates.com Water Metals Filtered (Yes/No)? N/A

Relinquished by [Signature]	Company Malden	Date / Time 6/30/16 1245	Received by [Signature]	Company [Signature]

Relinquished by [Signature]	Company [Signature]	Date / Time 6/30/16 1550	Received by [Signature]	Company [Signature]

Relinquished by	Company	Date / Time	Received by	Company

Relinquished by	Company	Date / Time	Received by	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NU312), North Carolina (No. 578) #7 [Signature]

TAL-0076 (07/15)

Number of Coolers:

IR Gun #

	CORRECTED		RAW		CORRECTED		RAW		CORRECTED	
Cooler #1	2.	°C		°C		°C		°C		°C
Cooler #2		°C		°C		°C		°C		°C
Cooler #3		°C		°C		°C		°C		°C
Cooler #4		°C		°C		°C		°C		°C
Cooler #5		°C		°C		°C		°C		°C
Cooler #6		°C		°C		°C		°C		°C
Cooler #7		°C		°C		°C		°C		°C
Cooler #8		°C		°C		°C		°C		°C
Cooler #9		°C		°C		°C		°C		°C

CORRECTED		RAW		CORRECTED		RAW		CORRECTED	
Cooler #1	2. °C			Cooler #4:	°C			Cooler #7:	°C
Cooler #2:	°C			Cooler #5:	°C			Cooler #8:	°C
Cooler #3:	°C			Cooler #6:	°C			Cooler #9:	°C

[illegible]

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:

Login Sample Receipt Checklist

Client: Walden Associates

Job Number: 460-116377-1

Login Number: 116377

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.7° C IR #7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Walden Associates

Job Number: 460-116377-1

Login Number: 116377

List Source: TestAmerica Edison

List Number: 2

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs)..		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		

ANALYTICAL REPORT

Job Number: 460-116438-1

Job Description: Walden Associates- Westbury

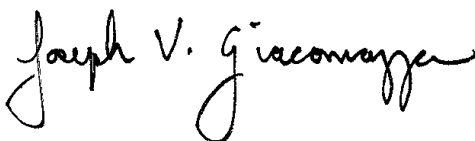
For:

Walden Associates

16 Spring St.

Oyster Bay, NY 11771

Attention: Kristin Scroope



Approved for release.
Joe V Giacomazza
Project Management Assistant II
7/15/2016 10:28 AM

Designee for
Judy L Stone, Senior Project Manager
10 Hazelwood Drive, Amherst, NY, 14228-2298
(484)685-0868
judy.stone@testamericainc.com
07/15/2016

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who has signed this report.

TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NHDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

TestAmerica Laboratories, Inc.

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DATA REPORTING QUALIFIERS

Client: Walden Associates

Job Number: 460-116438-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Analyzed for but not detected.
	J	Indicates an estimated value.

Job Narrative
460-116438-1

Receipt

The samples were received on 7/1/2016 4:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.2° C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed.

*Client requested method OLM3.2; method OLM4.2 listed in project.

GC/MS VOA

Method(s) OLM04.2/VOL: The following samples were diluted to bring the concentration of target analytes within the calibration range: Duplicate 07012016 (460-116438-3), Duplicate 06302016 (460-116438-4), FSMW-1A 07012016 (460-116438-6) and FSMW-14A 07012016 (460-116438-7). Elevated reporting limits (RLs) are provided.

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

VOA Prep

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

SAMPLE SUMMARY

Client: Walden Associates

Job Number: 460-116438-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-116438-1TB	Trip Blank 07012016	Water	07/01/2016 0000	07/01/2016 1625
460-116438-2	Equipment 07012016	Water	07/01/2016 1245	07/01/2016 1625
460-116438-3	Duplicate 07012016	Water	07/01/2016 0000	07/01/2016 1625
460-116438-4	Duplicate 06302016	Water	06/30/2016 0000	07/01/2016 1625
460-116438-5	FSMW-13A 07012016	Water	07/01/2016 0855	07/01/2016 1625
460-116438-6	FSMW-1A 07012016	Water	07/01/2016 1110	07/01/2016 1625
460-116438-7	FSMW-14A 07012016	Water	06/30/2016 1505	07/01/2016 1625

EXECUTIVE SUMMARY - Detections

Client: Walden Associates

Job Number: 460-116438-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-116438-1TB Methylene Chloride	TRIP BLANK 07012016	2.1	J	10	ug/L	OLM04.2/VOL
460-116438-3 cis-1,2-Dichloroethene	DUPLICATE 07012016	17	J	20	ug/L	OLM04.2/VOL
Tetrachloroethene		250		20	ug/L	OLM04.2/VOL
Trichloroethene		41		20	ug/L	OLM04.2/VOL
460-116438-4 cis-1,2-Dichloroethene	DUPLICATE 06302016	17	J	200	ug/L	OLM04.2/VOL
Tetrachloroethene		2100		200	ug/L	OLM04.2/VOL
Trichloroethene		57	J	200	ug/L	OLM04.2/VOL
460-116438-5 1,2-Dichloropropane	FSMW-13A 07012016	0.96	J	10	ug/L	OLM04.2/VOL
cis-1,2-Dichloroethene		5.4	J	10	ug/L	OLM04.2/VOL
Tetrachloroethene		180		10	ug/L	OLM04.2/VOL
Trichloroethene		6.0	J	10	ug/L	OLM04.2/VOL
460-116438-6 cis-1,2-Dichloroethene	FSMW-1A 07012016	17	J	20	ug/L	OLM04.2/VOL
Tetrachloroethene		240		20	ug/L	OLM04.2/VOL
Trichloroethene		43		20	ug/L	OLM04.2/VOL
460-116438-7 cis-1,2-Dichloroethene	FSMW-14A 07012016	18	J	200	ug/L	OLM04.2/VOL
Tetrachloroethene		2100		200	ug/L	OLM04.2/VOL
Trichloroethene		62	J	200	ug/L	OLM04.2/VOL

METHOD SUMMARY

Client: Walden Associates

Job Number: 460-116438-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	OLM04.2	OLM04.2/VOL
Purge and Trap	TAL EDI		SW846 5030B

Lab References:

TAL EDI = TestAmerica Edison

Method References:

OLM04.2 = "Statement of Work for Organic Analysis", Multi-Media, Multi-Concentration September 1998

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

METHOD / ANALYST SUMMARY

Client: Walden Associates

Job Number: 460-116438-1

Method	Analyst	Analyst ID
OLM04.2 OLM04.2/VOL	Boykin, Kenneth	KLB

Analytical Data

Client: Walden Associates

Job Number: 460-116438-1

Client Sample ID: Trip Blank 07012016

Lab Sample ID: 460-116438-1TB

Date Sampled: 07/01/2016 0000

Client Matrix: Water

Date Received: 07/01/2016 1625

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377886	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45720.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2016 2234			Final Weight/Volume:	5 mL
Prep Date:	07/07/2016 2234				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	2.1	J	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		76 - 114
Toluene-d8 (Surr)	101		88 - 110
4-Bromofluorobenzene	97		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116438-1

Client Sample ID: Equipment 07012016

Lab Sample ID: 460-116438-2

Date Sampled: 07/01/2016 1245

Client Matrix: Water

Date Received: 07/01/2016 1625

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377886	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45721.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2016 2258			Final Weight/Volume:	5 mL
Prep Date:	07/07/2016 2258				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		76 - 114
Toluene-d8 (Surr)	99		88 - 110
4-Bromofluorobenzene	96		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116438-1

Client Sample ID: Duplicate 07012016

Lab Sample ID: 460-116438-3

Date Sampled: 07/01/2016 0000

Client Matrix: Water

Date Received: 07/01/2016 1625

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377886	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45738.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2016 0547			Final Weight/Volume:	5 mL
Prep Date:	07/08/2016 0547				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.20	U	0.20	20
1,1,2,2-Tetrachloroethane	0.20	U	0.20	20
1,1,2-Trichloroethane	0.20	U	0.20	20
1,1-Dichloroethane	0.20	U	0.20	20
1,1-Dichloroethene	0.20	U	0.20	20
1,2-Dichloroethane	0.20	U	0.20	20
1,2-Dichloropropane	0.20	U	0.20	20
2-Butanone (MEK)	0.20	U	0.20	20
2-Hexanone	0.20	U	0.20	20
4-Methyl-2-pentanone (MIBK)	0.20	U	0.20	20
Acetone	0.20	U	0.20	20
Benzene	0.20	U	0.20	20
Dichlorobromomethane	0.20	U	0.20	20
Bromoform	0.20	U	0.20	20
Bromomethane	0.20	U	0.20	20
Carbon disulfide	0.20	U	0.20	20
Carbon tetrachloride	0.20	U	0.20	20
Chlorobenzene	0.20	U	0.20	20
Chlorodibromomethane	0.20	U	0.20	20
Chloroethane	0.20	U	0.20	20
Chloroform	0.20	U	0.20	20
Chloromethane	0.20	U	0.20	20
cis-1,2-Dichloroethene	17	J	0.20	20
cis-1,3-Dichloropropene	0.20	U	0.20	20
Ethylbenzene	0.20	U	0.20	20
Methylene Chloride	0.20	U	0.20	20
Styrene	0.20	U	0.20	20
Tetrachloroethene	250		0.20	20
Toluene	0.20	U	0.20	20
trans-1,2-Dichloroethene	0.20	U	0.20	20
trans-1,3-Dichloropropene	0.20	U	0.20	20
Trichloroethene	41		0.20	20
Vinyl chloride	0.20	U	0.20	20
Xylenes, Total	0.20	U	0.20	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		76 - 114
Toluene-d8 (Surr)	98		88 - 110
4-Bromofluorobenzene	97		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116438-1

Client Sample ID: Duplicate 06302016

Lab Sample ID: 460-116438-4

Date Sampled: 06/30/2016 0000

Client Matrix: Water

Date Received: 07/01/2016 1625

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377886	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45727.D
Dilution:	20			Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2016 0124			Final Weight/Volume:	5 mL
Prep Date:	07/08/2016 0124				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	2.0	U	2.0	200
1,1,2,2-Tetrachloroethane	2.0	U	2.0	200
1,1,2-Trichloroethane	2.0	U	2.0	200
1,1-Dichloroethane	2.0	U	2.0	200
1,1-Dichloroethene	2.0	U	2.0	200
1,2-Dichloroethane	2.0	U	2.0	200
1,2-Dichloropropane	2.0	U	2.0	200
2-Butanone (MEK)	2.0	U	2.0	200
2-Hexanone	2.0	U	2.0	200
4-Methyl-2-pentanone (MIBK)	2.0	U	2.0	200
Acetone	2.0	U	2.0	200
Benzene	2.0	U	2.0	200
Dichlorobromomethane	2.0	U	2.0	200
Bromoform	2.0	U	2.0	200
Bromomethane	2.0	U	2.0	200
Carbon disulfide	2.0	U	2.0	200
Carbon tetrachloride	2.0	U	2.0	200
Chlorobenzene	2.0	U	2.0	200
Chlorodibromomethane	2.0	U	2.0	200
Chloroethane	2.0	U	2.0	200
Chloroform	2.0	U	2.0	200
Chloromethane	2.0	U	2.0	200
cis-1,2-Dichloroethene	17	J	2.0	200
cis-1,3-Dichloropropene	2.0	U	2.0	200
Ethylbenzene	2.0	U	2.0	200
Methylene Chloride	2.0	U	2.0	200
Styrene	2.0	U	2.0	200
Tetrachloroethene	2100		2.0	200
Toluene	2.0	U	2.0	200
trans-1,2-Dichloroethene	2.0	U	2.0	200
trans-1,3-Dichloropropene	2.0	U	2.0	200
Trichloroethene	57	J	2.0	200
Vinyl chloride	2.0	U	2.0	200
Xylenes, Total	2.0	U	2.0	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		76 - 114
Toluene-d8 (Surr)	100		88 - 110
4-Bromofluorobenzene	96		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116438-1

Client Sample ID: FSMW-13A 07012016

Lab Sample ID: 460-116438-5

Date Sampled: 07/01/2016 0855

Client Matrix: Water

Date Received: 07/01/2016 1625

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377886	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45736.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2016 0459			Final Weight/Volume:	5 mL
Prep Date:	07/08/2016 0459				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.96	J	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	5.4	J	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	180		0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	6.0	J	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		76 - 114
Toluene-d8 (Surr)	101		88 - 110
4-Bromofluorobenzene	97		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116438-1

Client Sample ID: FSMW-1A 07012016

Lab Sample ID: 460-116438-6

Date Sampled: 07/01/2016 1110

Client Matrix: Water

Date Received: 07/01/2016 1625

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377886	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45739.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2016 0611			Final Weight/Volume:	5 mL
Prep Date:	07/08/2016 0611				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.20	U	0.20	20
1,1,2,2-Tetrachloroethane	0.20	U	0.20	20
1,1,2-Trichloroethane	0.20	U	0.20	20
1,1-Dichloroethane	0.20	U	0.20	20
1,1-Dichloroethene	0.20	U	0.20	20
1,2-Dichloroethane	0.20	U	0.20	20
1,2-Dichloropropane	0.20	U	0.20	20
2-Butanone (MEK)	0.20	U	0.20	20
2-Hexanone	0.20	U	0.20	20
4-Methyl-2-pentanone (MIBK)	0.20	U	0.20	20
Acetone	0.20	U	0.20	20
Benzene	0.20	U	0.20	20
Dichlorobromomethane	0.20	U	0.20	20
Bromoform	0.20	U	0.20	20
Bromomethane	0.20	U	0.20	20
Carbon disulfide	0.20	U	0.20	20
Carbon tetrachloride	0.20	U	0.20	20
Chlorobenzene	0.20	U	0.20	20
Chlorodibromomethane	0.20	U	0.20	20
Chloroethane	0.20	U	0.20	20
Chloroform	0.20	U	0.20	20
Chloromethane	0.20	U	0.20	20
cis-1,2-Dichloroethene	17	J	0.20	20
cis-1,3-Dichloropropene	0.20	U	0.20	20
Ethylbenzene	0.20	U	0.20	20
Methylene Chloride	0.20	U	0.20	20
Styrene	0.20	U	0.20	20
Tetrachloroethene	240		0.20	20
Toluene	0.20	U	0.20	20
trans-1,2-Dichloroethene	0.20	U	0.20	20
trans-1,3-Dichloropropene	0.20	U	0.20	20
Trichloroethene	43		0.20	20
Vinyl chloride	0.20	U	0.20	20
Xylenes, Total	0.20	U	0.20	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		76 - 114
Toluene-d8 (Surr)	98		88 - 110
4-Bromofluorobenzene	96		86 - 115

Analytical Data

Client: Walden Associates

Job Number: 460-116438-1

Client Sample ID: FSMW-14A 07012016

Lab Sample ID: 460-116438-7

Date Sampled: 06/30/2016 1505

Client Matrix: Water

Date Received: 07/01/2016 1625

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Analysis Method:	OLM04.2/VOL	Analysis Batch:	460-377886	Instrument ID:	CVOAMS7
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V45728.D
Dilution:	20			Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2016 0147			Final Weight/Volume:	5 mL
Prep Date:	07/08/2016 0147				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	2.0	U	2.0	200
1,1,2,2-Tetrachloroethane	2.0	U	2.0	200
1,1,2-Trichloroethane	2.0	U	2.0	200
1,1-Dichloroethane	2.0	U	2.0	200
1,1-Dichloroethene	2.0	U	2.0	200
1,2-Dichloroethane	2.0	U	2.0	200
1,2-Dichloropropane	2.0	U	2.0	200
2-Butanone (MEK)	2.0	U	2.0	200
2-Hexanone	2.0	U	2.0	200
4-Methyl-2-pentanone (MIBK)	2.0	U	2.0	200
Acetone	2.0	U	2.0	200
Benzene	2.0	U	2.0	200
Dichlorobromomethane	2.0	U	2.0	200
Bromoform	2.0	U	2.0	200
Bromomethane	2.0	U	2.0	200
Carbon disulfide	2.0	U	2.0	200
Carbon tetrachloride	2.0	U	2.0	200
Chlorobenzene	2.0	U	2.0	200
Chlorodibromomethane	2.0	U	2.0	200
Chloroethane	2.0	U	2.0	200
Chloroform	2.0	U	2.0	200
Chloromethane	2.0	U	2.0	200
cis-1,2-Dichloroethene	18	J	2.0	200
cis-1,3-Dichloropropene	2.0	U	2.0	200
Ethylbenzene	2.0	U	2.0	200
Methylene Chloride	2.0	U	2.0	200
Styrene	2.0	U	2.0	200
Tetrachloroethene	2100		2.0	200
Toluene	2.0	U	2.0	200
trans-1,2-Dichloroethene	2.0	U	2.0	200
trans-1,3-Dichloropropene	2.0	U	2.0	200
Trichloroethene	62	J	2.0	200
Vinyl chloride	2.0	U	2.0	200
Xylenes, Total	2.0	U	2.0	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		76 - 114
Toluene-d8 (Surr)	99		88 - 110
4-Bromofluorobenzene	99		86 - 115

Quality Control Results

Client: Walden Associates

Job Number: 460-116438-1

Surrogate Recovery Report

OLM04.2/VOL Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-116438-1	Trip Blank 07012016	102	101	97
460-116438-2	Equipment 07012016	103	99	96
460-116438-3	Duplicate 07012016	103	98	97
460-116438-4	Duplicate 06302016	98	100	96
460-116438-5	FSMW-13A 07012016	100	101	97
460-116438-6	FSMW-1A 07012016	96	98	96
460-116438-7	FSMW-14A 07012016	101	99	99
MB 460-377886/7		101	99	98
LCS 460-377886/3		98	102	100
LCSD 460-377886/4		94	102	99
STOBLK 460-377886/30		94	100	99

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	76-114
TOL = Toluene-d8 (Surr)	88-110
BFB = 4-Bromofluorobenzene	86-115

Quality Control Results

Client: Walden Associates

Job Number: 460-116438-1

Method Blank - Batch: 460-377886

Method: OLM04.2/VOL Preparation: 5030B

Lab Sample ID: MB 460-377886/7
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/07/2016 2210
Prep Date: 07/07/2016 2210
Leach Date: N/A

Analysis Batch: 460-377886
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: CVOAMS7
Lab File ID: V45719.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	76 - 114
Toluene-d8 (Surr)	99	88 - 110
4-Bromofluorobenzene	98	86 - 115

Quality Control Results

Client: Walden Associates

Job Number: 460-116438-1

Storage Blank - Batch: 460-377886

Method: OLM04.2/VOL
Preparation: 5030B

Lab Sample ID:	STOBLK 460-377886/30	Analysis Batch:	460-377886	Instrument ID:	CVOAMS7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	V45742.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2016 0726	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/08/2016 0726				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.10	U	0.10	10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	10
1,1,2-Trichloroethane	0.10	U	0.10	10
1,1-Dichloroethane	0.10	U	0.10	10
1,1-Dichloroethene	0.10	U	0.10	10
1,2-Dichloroethane	0.10	U	0.10	10
1,2-Dichloropropane	0.10	U	0.10	10
2-Butanone (MEK)	0.10	U	0.10	10
2-Hexanone	0.10	U	0.10	10
4-Methyl-2-pentanone (MIBK)	0.10	U	0.10	10
Acetone	0.10	U	0.10	10
Benzene	0.10	U	0.10	10
Dichlorobromomethane	0.10	U	0.10	10
Bromoform	0.10	U	0.10	10
Bromomethane	0.10	U	0.10	10
Carbon disulfide	0.10	U	0.10	10
Carbon tetrachloride	0.10	U	0.10	10
Chlorobenzene	0.10	U	0.10	10
Chlorodibromomethane	0.10	U	0.10	10
Chloroethane	0.10	U	0.10	10
Chloroform	0.10	U	0.10	10
Chloromethane	0.10	U	0.10	10
cis-1,2-Dichloroethene	0.10	U	0.10	10
cis-1,3-Dichloropropene	0.10	U	0.10	10
Ethylbenzene	0.10	U	0.10	10
Methylene Chloride	0.10	U	0.10	10
Styrene	0.10	U	0.10	10
Tetrachloroethene	0.10	U	0.10	10
Toluene	0.10	U	0.10	10
trans-1,2-Dichloroethene	0.10	U	0.10	10
trans-1,3-Dichloropropene	0.10	U	0.10	10
Trichloroethene	0.10	U	0.10	10
Vinyl chloride	0.10	U	0.10	10
Xylenes, Total	0.10	U	0.10	10

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	76 - 114
Toluene-d8 (Surr)	100	88 - 110
4-Bromofluorobenzene	99	86 - 115

Quality Control Results

Client: Walden Associates

Job Number: 460-116438-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 460-377886

Method: OLM04.2/VOL

Preparation: 5030B

LCS Lab Sample ID: LCS 460-377886/3
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/07/2016 2034
 Prep Date: 07/07/2016 2034
 Leach Date: N/A

Analysis Batch: 460-377886
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CVOAMS7
 Lab File ID: V45715.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL
 5 mL

LCSD Lab Sample ID: LCSD 460-377886/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/07/2016 2058
 Prep Date: 07/07/2016 2058
 Leach Date: N/A

Analysis Batch: 460-377886
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CVOAMS7
 Lab File ID: V45716.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL
 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	102	97	61 - 145	5	14		
Benzene	102	105	76 - 127	3	11		
Chlorobenzene	103	104	75 - 130	1	13		
Toluene	104	105	76 - 125	1	13		
Trichloroethene	103	104	71 - 120	1	14		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	98		94		76 - 114		
Toluene-d8 (Surr)	102		102		88 - 110		
4-Bromofluorobenzene	100		99		86 - 115		

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 460-377886

Method: OLM04.2/VOL

Preparation: 5030B

LCS Lab Sample ID: LCS 460-377886/3
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/07/2016 2034
 Prep Date: 07/07/2016 2034
 Leach Date: N/A

Units: ug/L

LCSD Lab Sample ID: LCSD 460-377886/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/07/2016 2058
 Prep Date: 07/07/2016 2058
 Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1-Dichloroethene	50.0	50.0	51.0	48.7
Benzene	50.0	50.0	50.8	52.3
Chlorobenzene	50.0	50.0	51.5	52.0
Toluene	50.0	50.0	51.9	52.5
Trichloroethene	50.0	50.0	51.4	52.0

Quality Control Results

Client: Walden Associates

Job Number: 460-116438-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-377886					
LCS 460-377886/3	Lab Control Sample	T	Water	OLM04.2/VOL	
LCSD 460-377886/4	Lab Control Sample Duplicate	T	Water	OLM04.2/VOL	
MB 460-377886/7	Method Blank	T	Water	OLM04.2/VOL	
STOBLK 460-377886/30	Storage Blank	T	Water	OLM04.2/VOL	
460-116438-1TB	Trip Blank 07012016	T	Water	OLM04.2/VOL	
460-116438-2	Equipment 07012016	T	Water	OLM04.2/VOL	
460-116438-3	Duplicate 07012016	T	Water	OLM04.2/VOL	
460-116438-4	Duplicate 06302016	T	Water	OLM04.2/VOL	
460-116438-5	FSMW-13A 07012016	T	Water	OLM04.2/VOL	
460-116438-6	FSMW-1A 07012016	T	Water	OLM04.2/VOL	
460-116438-7	FSMW-14A 07012016	T	Water	OLM04.2/VOL	

Report Basis

T = Total

Quality Control Results

Client: Walden Associates

Job Number: 460-116438-1

Laboratory Chronicle

Lab ID: 460-116438-1

Client ID: Trip Blank 07012016

Sample Date/Time: 07/01/2016 00:00 Received Date/Time: 07/01/2016 16:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116438-B-1		460-377886		07/07/2016 22:34	1	TAL EDI	KLB
A:OLM04.2/VOL	460-116438-B-1		460-377886		07/07/2016 22:34	1	TAL EDI	KLB

Lab ID: 460-116438-2

Client ID: Equipment 07012016

Sample Date/Time: 07/01/2016 12:45 Received Date/Time: 07/01/2016 16:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116438-C-2		460-377886		07/07/2016 22:58	1	TAL EDI	KLB
A:OLM04.2/VOL	460-116438-C-2		460-377886		07/07/2016 22:58	1	TAL EDI	KLB

Lab ID: 460-116438-3

Client ID: Duplicate 07012016

Sample Date/Time: 07/01/2016 00:00 Received Date/Time: 07/01/2016 16:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116438-B-3		460-377886		07/08/2016 05:47	2	TAL EDI	KLB
A:OLM04.2/VOL	460-116438-B-3		460-377886		07/08/2016 05:47	2	TAL EDI	KLB

Lab ID: 460-116438-4

Client ID: Duplicate 06302016

Sample Date/Time: 06/30/2016 00:00 Received Date/Time: 07/01/2016 16:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116438-C-4		460-377886		07/08/2016 01:24	20	TAL EDI	KLB
A:OLM04.2/VOL	460-116438-C-4		460-377886		07/08/2016 01:24	20	TAL EDI	KLB

Lab ID: 460-116438-5

Client ID: FSMW-13A 07012016

Sample Date/Time: 07/01/2016 08:55 Received Date/Time: 07/01/2016 16:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116438-B-5		460-377886		07/08/2016 04:59	1	TAL EDI	KLB
A:OLM04.2/VOL	460-116438-B-5		460-377886		07/08/2016 04:59	1	TAL EDI	KLB

Lab ID: 460-116438-6

Client ID: FSMW-1A 07012016

Sample Date/Time: 07/01/2016 11:10 Received Date/Time: 07/01/2016 16:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116438-B-6		460-377886		07/08/2016 06:11	2	TAL EDI	KLB
A:OLM04.2/VOL	460-116438-B-6		460-377886		07/08/2016 06:11	2	TAL EDI	KLB

Quality Control Results

Client: Walden Associates

Job Number: 460-116438-1

Laboratory Chronicle

Lab ID: 460-116438-7

Client ID: FSMW-14A 07012016

Sample Date/Time: 06/30/2016 15:05 Received Date/Time: 07/01/2016 16:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-116438-C-7		460-377886		07/08/2016 01:47	20	TAL EDI	KLB
A:OLM04.2/VOL	460-116438-C-7		460-377886		07/08/2016 01:47	20	TAL EDI	KLB

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-377886/7		460-377886		07/07/2016 22:10	1	TAL EDI	KLB
A:OLM04.2/VOL	MB 460-377886/7		460-377886		07/07/2016 22:10	1	TAL EDI	KLB

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-377886/3		460-377886		07/07/2016 20:34	1	TAL EDI	KLB
A:OLM04.2/VOL	LCS 460-377886/3		460-377886		07/07/2016 20:34	1	TAL EDI	KLB

Lab ID: LCSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCSD 460-377886/4		460-377886		07/07/2016 20:58	1	TAL EDI	KLB
A:OLM04.2/VOL	LCSD 460-377886/4		460-377886		07/07/2016 20:58	1	TAL EDI	KLB

Lab ID: STOBLK

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	STOBLK 460-377886/30		460-377886		07/08/2016 07:26	1	TAL EDI	KLB
A:OLM04.2/VOL	STOBLK 460-377886/30		460-377886		07/08/2016 07:26	1	TAL EDI	KLB

Lab References:

TAL EDI = TestAmerica Edison

OLM04.2_Vol_LL

Volatile Organic Compounds (GC/MS)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
Trip Blank 07012016	460-116438-1	102	101	97
Equipment 07012016	460-116438-2	103	99	96
Duplicate 07012016	460-116438-3	103	98	97
Duplicate 06302016	460-116438-4	98	100	96
FSMW-13A 07012016	460-116438-5	100	101	97
FSMW-1A 07012016	460-116438-6	96	98	96
FSMW-14A 07012016	460-116438-7	101	99	99
	MB 460-377886/7	101	99	98
	LCS 460-377886/3	98	102	100
	LCSD 460-377886/4	94	102	99
	STOBLK 460-377886/30	94	100	99

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	76-114
TOL = Toluene-d8 (Surr)	88-110
BFB = 4-Bromofluorobenzene	86-115

Column to be used to flag recovery values

FORM II OLM04.2/VOL

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: V45715.D
Lab ID: LCS 460-377886/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	50.0	51.0	102	61-145	
Benzene	50.0	50.8	102	76-127	
Chlorobenzene	50.0	51.5	103	75-130	
Toluene	50.0	51.9	104	76-125	
Trichloroethene	50.0	51.4	103	71-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-116438-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: V45716.D
 Lab ID: LCSD 460-377886/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethene	50.0	48.7	97	5	14	61-145	
Benzene	50.0	52.3	105	3	11	76-127	
Chlorobenzene	50.0	52.0	104	1	13	75-130	
Toluene	50.0	52.5	105	1	13	76-125	
Trichloroethene	50.0	52.0	104	1	14	71-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-116438-1
 SDG No.: _____
 Lab File ID: V45719.D Lab Sample ID: MB 460-377886/7
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS7 Date Analyzed: 07/07/2016 22:10
 GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-377886/3	V45715.D	07/07/2016 20:34
	LCSD 460-377886/4	V45716.D	07/07/2016 20:58
Trip Blank 07012016	460-116438-1	V45720.D	07/07/2016 22:34
Equipment 07012016	460-116438-2	V45721.D	07/07/2016 22:58
Duplicate 06302016	460-116438-4	V45727.D	07/08/2016 01:24
FSMW-14A 07012016	460-116438-7	V45728.D	07/08/2016 01:47
FSMW-13A 07012016	460-116438-5	V45736.D	07/08/2016 04:59
Duplicate 07012016	460-116438-3	V45738.D	07/08/2016 05:47
FSMW-1A 07012016	460-116438-6	V45739.D	07/08/2016 06:11
	STOBLK 460-377886/30	V45742.D	07/08/2016 07:26

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

Lab Name: TestAmerica Edison Job No.: 460-116438-1
 SDG No.: _____
 Lab File ID: V45683.D BFB Injection Date: 07/07/2016
 Instrument ID: CVOAMS7 BFB Injection Time: 02:48
 Analysis Batch No.: 377690

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.7
75	30.0 - 66.0% of mass 95	51.1
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	1.6 (1.4) 1
174	50.0 - 120.0% of mass 95	111.3
175	4.0 - 9.0 % of mass 174	8.8 (7.9) 1
176	93.0 - 101.0% of mass 174	107.7 (96.7) 1
177	5.0 - 9.0% of mass 176	7.0 (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
	STD1 460-377690/3	V45685.D	07/07/2016	03:38
	STD20 460-377690/4	V45686.D	07/07/2016	04:02
	STD100 460-377690/5	V45687.D	07/07/2016	04:26
	STD200 460-377690/6	V45688.D	07/07/2016	04:51
	STD50 460-377690/9	V45691.D	07/07/2016	06:17

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

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Lab File ID: V45713.D BFB Injection Date: 07/07/2016
Instrument ID: CVOAMS7 BFB Injection Time: 19:41
Analysis Batch No.: 377886

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.0
75	30.0 - 66.0% of mass 95	56.4
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	1.9 (1.8) 1
174	50.0 - 120.0% of mass 95	108.6
175	4.0 - 9.0 % of mass 174	7.8 (7.2) 1
176	93.0 - 101.0% of mass 174	103.4 (95.2) 1
177	5.0 - 9.0% of mass 176	7.1 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-377886/2	V45714.D	07/07/2016	20:10
	LCS 460-377886/3	V45715.D	07/07/2016	20:34
	LCSD 460-377886/4	V45716.D	07/07/2016	20:58
	MB 460-377886/7	V45719.D	07/07/2016	22:10
Trip Blank 07012016	460-116438-1	V45720.D	07/07/2016	22:34
Equipment 07012016	460-116438-2	V45721.D	07/07/2016	22:58
Duplicate 06302016	460-116438-4	V45727.D	07/08/2016	01:24
FSMW-14A 07012016	460-116438-7	V45728.D	07/08/2016	01:47
FSMW-13A 07012016	460-116438-5	V45736.D	07/08/2016	04:59
Duplicate 07012016	460-116438-3	V45738.D	07/08/2016	05:47
FSMW-1A 07012016	460-116438-6	V45739.D	07/08/2016	06:11
	STOBLK 460-377886/30	V45742.D	07/08/2016	07:26

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

Lab Name: TestAmerica Edison Job No.: 460-116438-1
 SDG No.: _____
 Sample No.: CCVIS 460-377886/2 Date Analyzed: 07/07/2016 20:10
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): V45714.D Heated Purge: (Y/N) N
 Calibration ID: 56633

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		128686	4.09	733696	4.78	711661	6.62
UPPER LIMIT		257372	4.59	1467392	5.28	1423322	7.12
LOWER LIMIT		64343	3.59	366848	4.28	355831	6.12
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-377886/3		126420	4.09	728976	4.78	703410	6.62
LCSD 460-377886/4		128740	4.09	699655	4.78	686471	6.62
MB 460-377886/7		117360	4.09	671862	4.78	648003	6.62
460-116438-1	Trip Blank 07012016	119574	4.09	668555	4.78	639725	6.62
460-116438-2	Equipment 07012016	114108	4.09	670433	4.78	633946	6.62
460-116438-4	Duplicate 06302016	116026	4.09	648941	4.78	616461	6.62
460-116438-7	FSMW-14A 07012016	113469	4.09	640344	4.78	617892	6.62
460-116438-5	FSMW-13A 07012016	110069	4.09	630578	4.78	592200	6.62
460-116438-3	Duplicate 07012016	109472	4.09	628318	4.78	597159	6.62
460-116438-6	FSMW-1A 07012016	111079	4.09	600504	4.78	583789	6.62
STOBLK 460-377886/30		113805	4.09	597584	4.78	577493	6.62

BCM = Chlorobromomethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1

SDG No.: _____

Client Sample ID: Trip Blank 07012016 Lab Sample ID: 460-116438-1

Matrix: Water Lab File ID: V45720.D

Analysis Method: OLM04.2/VOL Date Collected: 07/01/2016 00:00

Sample wt/vol: 5(mL) Date Analyzed: 07/07/2016 22:34

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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	2.1	J	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Client Sample ID: Trip Blank 07012016 Lab Sample ID: 460-116438-1
Matrix: Water Lab File ID: V45720.D
Analysis Method: OLM04.2/VOL Date Collected: 07/01/2016 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 22:34
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		76-114
2037-26-5	Toluene-d8 (Surr)	101		88-110
460-00-4	4-Bromofluorobenzene	97		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45720.D
 Lims ID: 460-116438-B-1
 Client ID: Trip Blank 07012016
 Sample Type: Client
 Inject. Date: 07-Jul-2016 22:34:30 ALS Bottle#: 8 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-116438-B-1
 Misc. Info.: 460-0043044-008
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:46:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
40 Methylene Chloride	84	3.005	3.005	0.000	92	9474	2.10	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	77	119574	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	178984	51.1	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	668555	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.009	98	427086	50.3	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	639725	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	300184	48.3	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45720.D

Injection Date: 07-Jul-2016 22:34:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116438-B-1

Lab Sample ID: 460-116438-1

Worklist Smp#: 8

Client ID: Trip Blank 07012016

Purge Vol: 5.000 mL

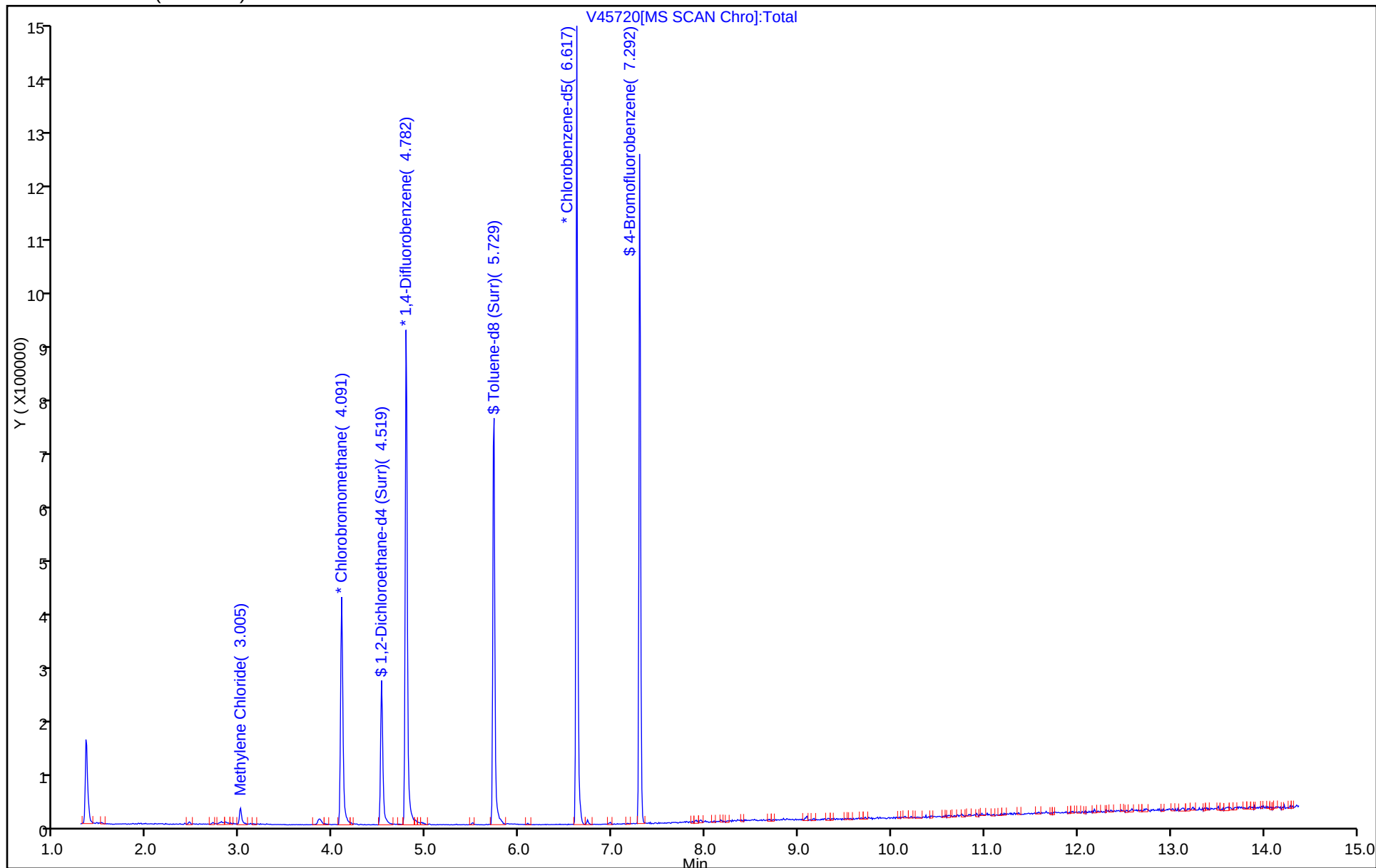
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45720.D

Injection Date: 07-Jul-2016 22:34:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-B-1

Lab Sample ID: 460-116438-1

Client ID: Trip Blank 07012016

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: OLM04.2LLW7

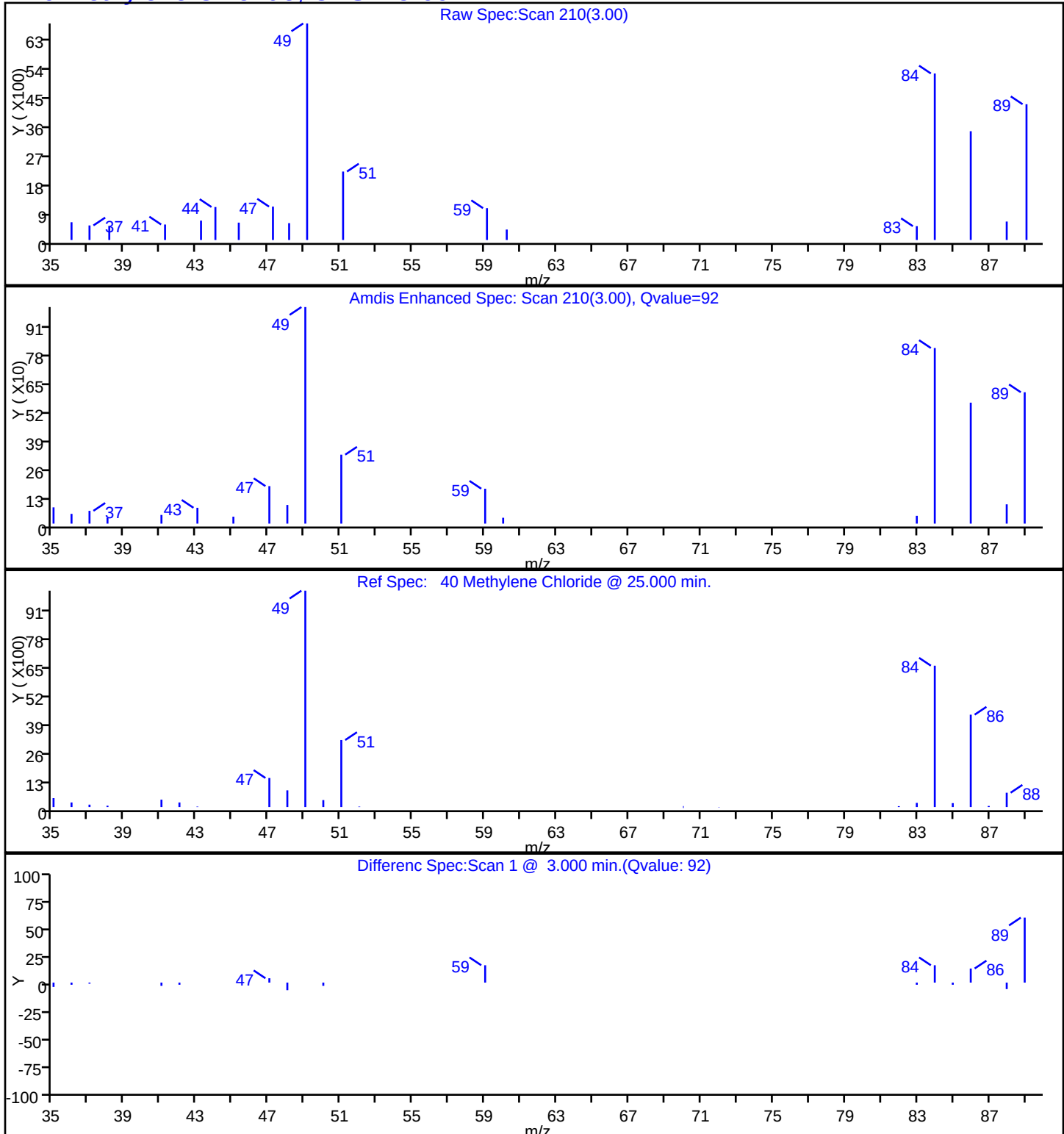
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

40 Methylene Chloride, CAS: 75-09-2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-116438-1</u>
SDG No.: _____	
Client Sample ID: <u>Equipment 07012016</u>	Lab Sample ID: <u>460-116438-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>V45721.D</u>
Analysis Method: <u>OLM04.2/VOL</u>	Date Collected: <u>07/01/2016 12:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/07/2016 22:58</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>377886</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Client Sample ID: Equipment 07012016 Lab Sample ID: 460-116438-2
Matrix: Water Lab File ID: V45721.D
Analysis Method: OLM04.2/VOL Date Collected: 07/01/2016 12:45
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 22:58
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		76-114
2037-26-5	Toluene-d8 (Surr)	99		88-110
460-00-4	4-Bromofluorobenzene	96		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45721.D
 Lims ID: 460-116438-C-2
 Client ID: Equipment 07012016
 Sample Type: Client
 Inject. Date: 07-Jul-2016 22:58:30 ALS Bottle#: 9 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-116438-C-2
 Misc. Info.: 460-0043044-009
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:47:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	77	114108	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	171777	51.4	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	670433	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.009	98	418240	49.7	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	83	633946	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	296818	48.2	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45721.D

Injection Date: 07-Jul-2016 22:58:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116438-C-2

Lab Sample ID: 460-116438-2

Worklist Smp#: 9

Client ID: Equipment 07012016

Purge Vol: 5.000 mL

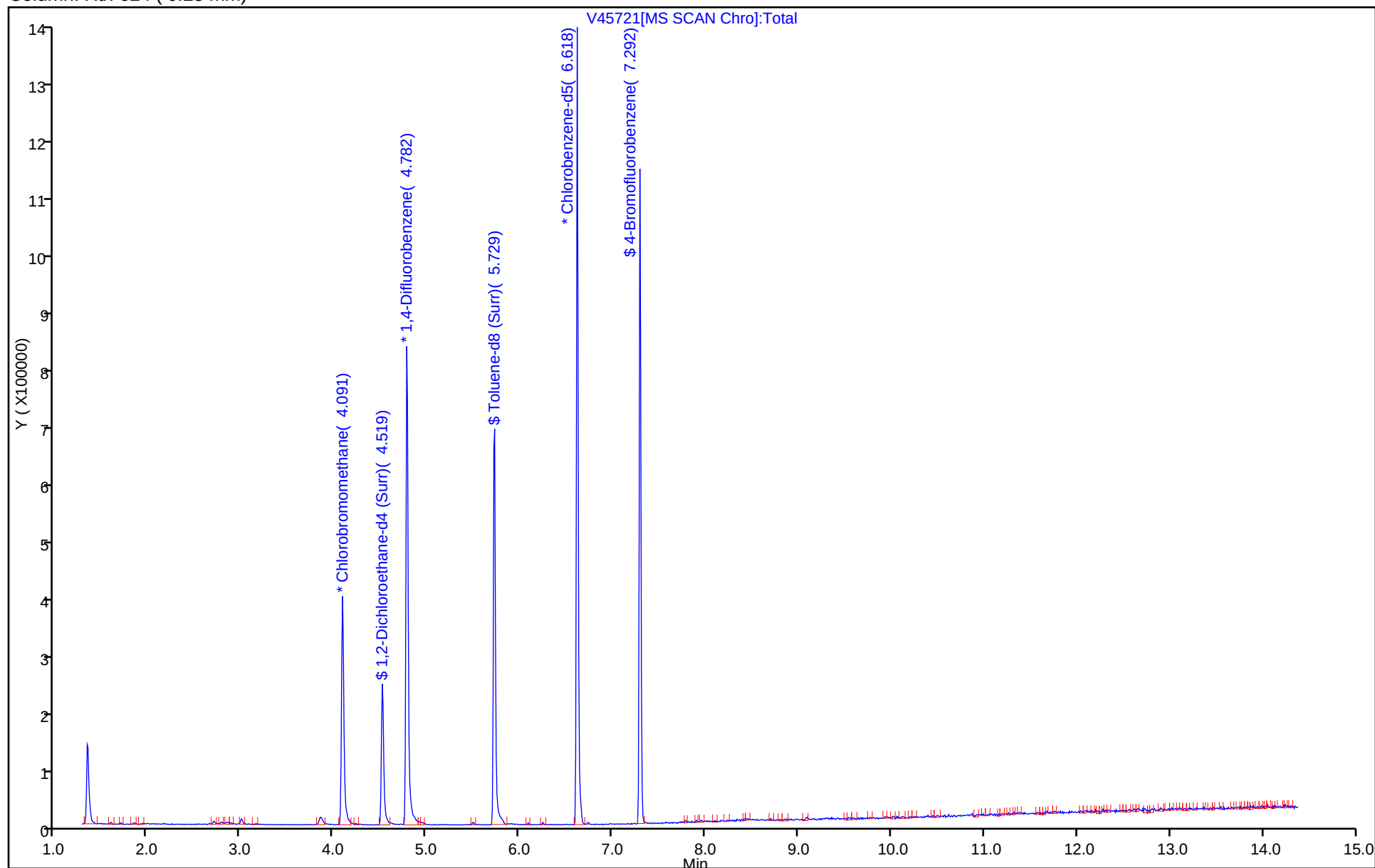
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-116438-1</u>
SDG No.: _____	
Client Sample ID: <u>Duplicate 07012016</u>	Lab Sample ID: <u>460-116438-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>V45738.D</u>
Analysis Method: <u>OLM04.2/VOL</u>	Date Collected: <u>07/01/2016 00:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/08/2016 05:47</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>2</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>377886</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.20	U	20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	20	0.20
78-87-5	1,2-Dichloropropane	0.20	U	20	0.20
78-93-3	2-Butanone (MEK)	0.20	U	20	0.20
591-78-6	2-Hexanone	0.20	U	20	0.20
108-10-1	4-Methyl-2-pentanone (MIBK)	0.20	U	20	0.20
67-64-1	Acetone	0.20	U	20	0.20
71-43-2	Benzene	0.20	U	20	0.20
75-27-4	Dichlorobromomethane	0.20	U	20	0.20
75-25-2	Bromoform	0.20	U	20	0.20
74-83-9	Bromomethane	0.20	U	20	0.20
75-15-0	Carbon disulfide	0.20	U	20	0.20
56-23-5	Carbon tetrachloride	0.20	U	20	0.20
108-90-7	Chlorobenzene	0.20	U	20	0.20
124-48-1	Chlorodibromomethane	0.20	U	20	0.20
75-00-3	Chloroethane	0.20	U	20	0.20
67-66-3	Chloroform	0.20	U	20	0.20
74-87-3	Chloromethane	0.20	U	20	0.20
156-59-2	cis-1,2-Dichloroethene	17	J	20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	20	0.20
100-41-4	Ethylbenzene	0.20	U	20	0.20
75-09-2	Methylene Chloride	0.20	U	20	0.20
100-42-5	Styrene	0.20	U	20	0.20
127-18-4	Tetrachloroethene	250		20	0.20
108-88-3	Toluene	0.20	U	20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	20	0.20
79-01-6	Trichloroethene	41		20	0.20
75-01-4	Vinyl chloride	0.20	U	20	0.20
1330-20-7	Xylenes, Total	0.20	U	20	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Client Sample ID: Duplicate 07012016 Lab Sample ID: 460-116438-3
Matrix: Water Lab File ID: V45738.D
Analysis Method: OLM04.2/VOL Date Collected: 07/01/2016 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 05:47
Soil Aliquot Vol: _____ Dilution Factor: 2
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		76-114
2037-26-5	Toluene-d8 (Surr)	98		88-110
460-00-4	4-Bromofluorobenzene	97		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45738.D
 Lims ID: 460-116438-B-3
 Client ID: Duplicate 07012016
 Sample Type: Client
 Inject. Date: 08-Jul-2016 05:47:30 ALS Bottle#: 26 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 2.0000
 Sample Info: 460-116438-B-3
 Misc. Info.: 460-0043044-026
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Jul-2016 20:09:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	96	36664	8.74	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	75	109472	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	165018	51.5	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	628318	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	94	93696	20.6	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.009	99	388013	49.0	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	492423	122.9	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	597159	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	281028	48.4	

Reagents:

VMC4.2ISi_00116 Amount Added: 5.00 Units: uL Run Reagent
 VMC4.2SU_00111 Amount Added: 2.50 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45738.D

Injection Date: 08-Jul-2016 05:47:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116438-B-3

Lab Sample ID: 460-116438-3

Worklist Smp#: 26

Client ID: Duplicate 07012016

Purge Vol: 5.000 mL

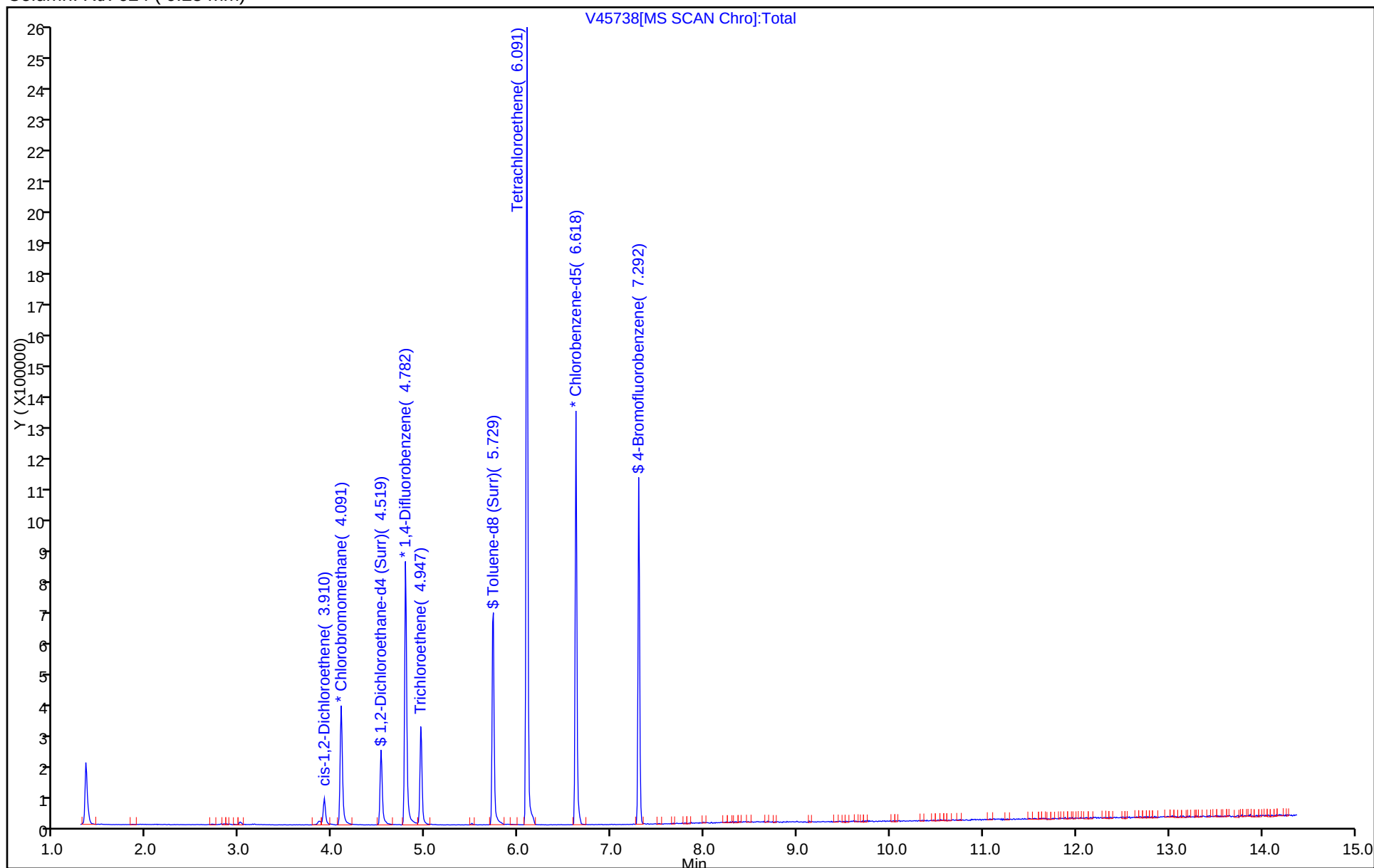
Dil. Factor: 2.0000

ALS Bottle#: 26

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45738.D

Injection Date: 08-Jul-2016 05:47:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-B-3

Lab Sample ID: 460-116438-3

Client ID: Duplicate 07012016

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

26

Purge Vol: 5.000 mL

Dil. Factor:

2.0000

Method: OLM04.2LLW7

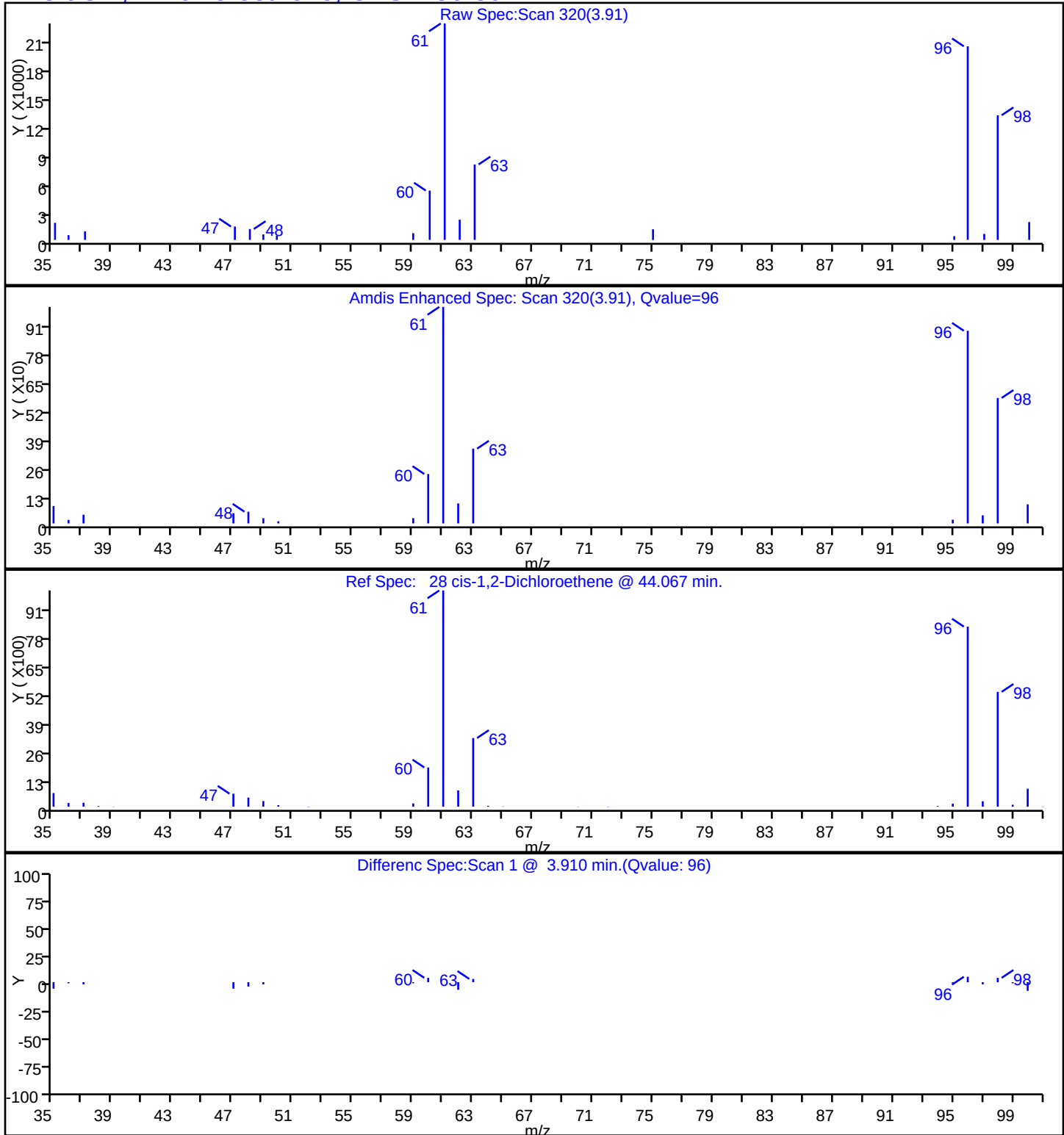
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45738.D

Injection Date: 08-Jul-2016 05:47:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-B-3

Lab Sample ID: 460-116438-3

Client ID: Duplicate 07012016

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

26

Purge Vol: 5.000 mL

Dil. Factor:

2.0000

Method: OLM04.2LLW7

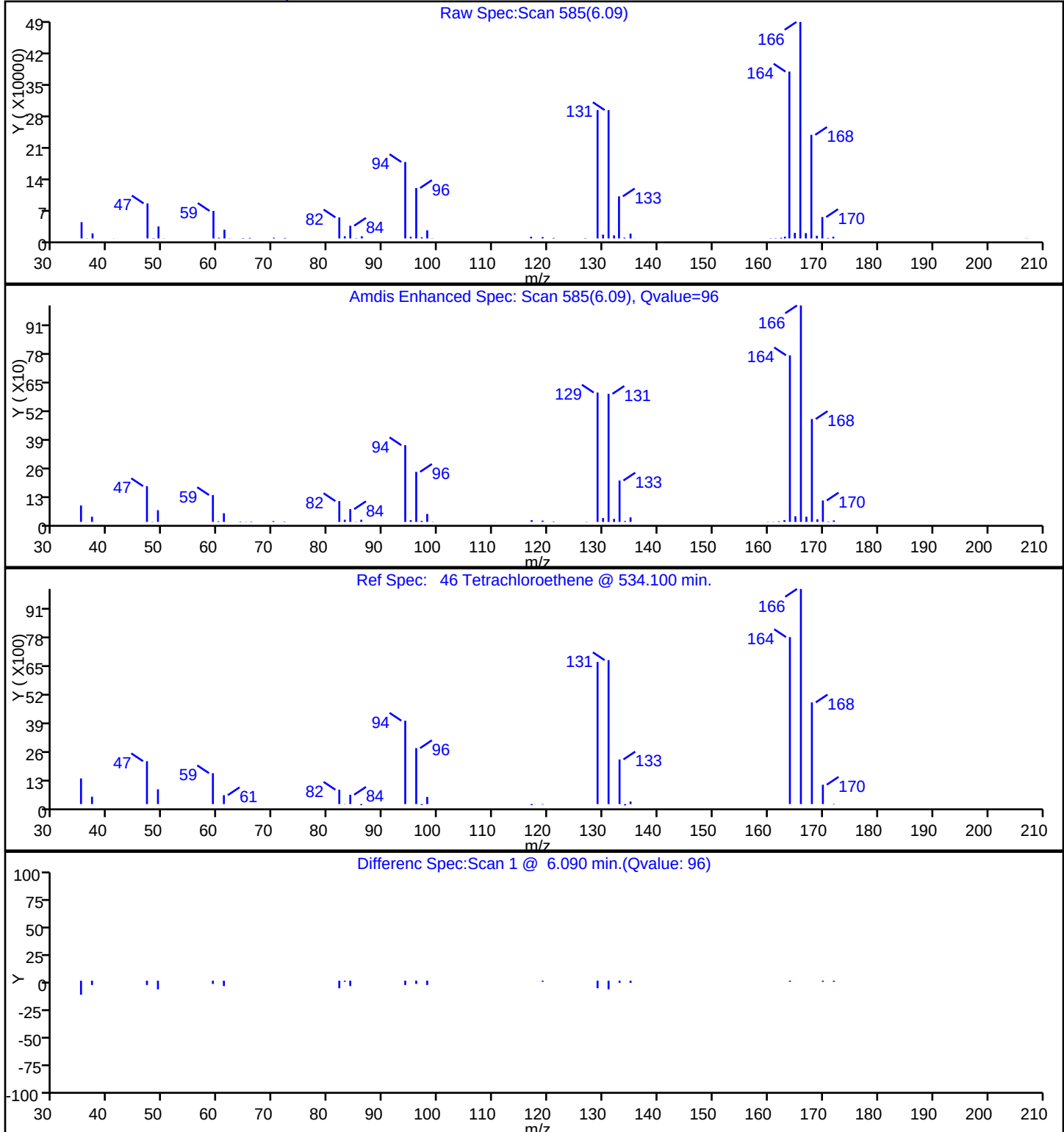
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

46 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45738.D

Injection Date: 08-Jul-2016 05:47:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-B-3

Lab Sample ID: 460-116438-3

Client ID: Duplicate 07012016

Operator ID:

ALS Bottle#:

Worklist Smp#: 26

Purge Vol: 5.000 mL

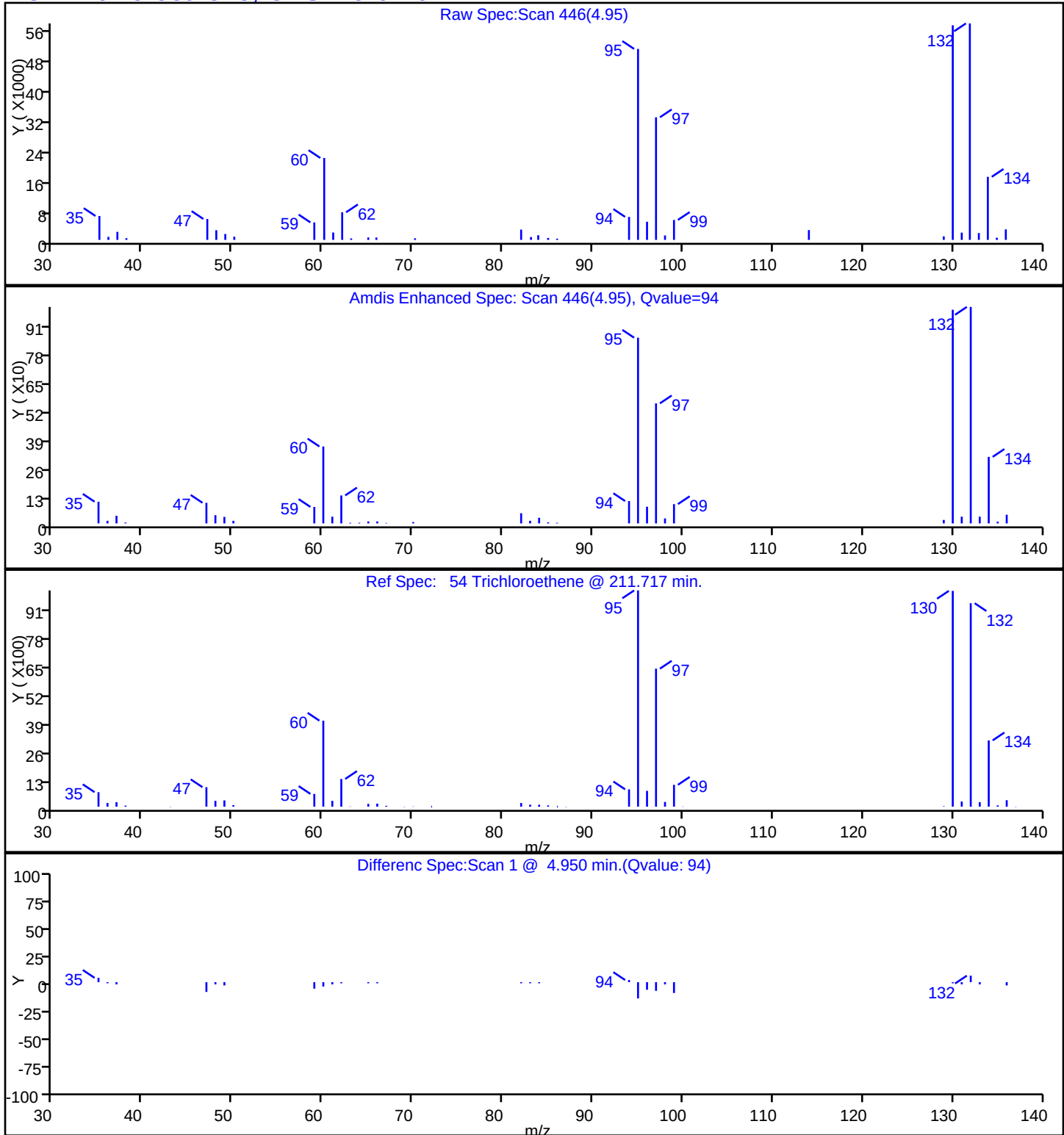
Dil. Factor: 2.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1

SDG No.: _____

Client Sample ID: Duplicate 06302016 Lab Sample ID: 460-116438-4

Matrix: Water Lab File ID: V45727.D

Analysis Method: OLM04.2/VOL Date Collected: 06/30/2016 00:00

Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 01:24

Soil Aliquot Vol: _____ Dilution Factor: 20

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

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

Analysis Batch No.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	200	2.0
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	200	2.0
79-00-5	1,1,2-Trichloroethane	2.0	U	200	2.0
75-34-3	1,1-Dichloroethane	2.0	U	200	2.0
75-35-4	1,1-Dichloroethene	2.0	U	200	2.0
107-06-2	1,2-Dichloroethane	2.0	U	200	2.0
78-87-5	1,2-Dichloropropane	2.0	U	200	2.0
78-93-3	2-Butanone (MEK)	2.0	U	200	2.0
591-78-6	2-Hexanone	2.0	U	200	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	U	200	2.0
67-64-1	Acetone	2.0	U	200	2.0
71-43-2	Benzene	2.0	U	200	2.0
75-27-4	Dichlorobromomethane	2.0	U	200	2.0
75-25-2	Bromoform	2.0	U	200	2.0
74-83-9	Bromomethane	2.0	U	200	2.0
75-15-0	Carbon disulfide	2.0	U	200	2.0
56-23-5	Carbon tetrachloride	2.0	U	200	2.0
108-90-7	Chlorobenzene	2.0	U	200	2.0
124-48-1	Chlorodibromomethane	2.0	U	200	2.0
75-00-3	Chloroethane	2.0	U	200	2.0
67-66-3	Chloroform	2.0	U	200	2.0
74-87-3	Chloromethane	2.0	U	200	2.0
156-59-2	cis-1,2-Dichloroethene	17	J	200	2.0
10061-01-5	cis-1,3-Dichloropropene	2.0	U	200	2.0
100-41-4	Ethylbenzene	2.0	U	200	2.0
75-09-2	Methylene Chloride	2.0	U	200	2.0
100-42-5	Styrene	2.0	U	200	2.0
127-18-4	Tetrachloroethene	2100		200	2.0
108-88-3	Toluene	2.0	U	200	2.0
156-60-5	trans-1,2-Dichloroethene	2.0	U	200	2.0
10061-02-6	trans-1,3-Dichloropropene	2.0	U	200	2.0
79-01-6	Trichloroethene	57	J	200	2.0
75-01-4	Vinyl chloride	2.0	U	200	2.0
1330-20-7	Xylenes, Total	2.0	U	200	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Client Sample ID: Duplicate 06302016 Lab Sample ID: 460-116438-4
Matrix: Water Lab File ID: V45727.D
Analysis Method: OLM04.2/VOL Date Collected: 06/30/2016 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 01:24
Soil Aliquot Vol: _____ Dilution Factor: 20
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		76-114
2037-26-5	Toluene-d8 (Surr)	100		88-110
460-00-4	4-Bromofluorobenzene	96		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45727.D
 Lims ID: 460-116438-C-4
 Client ID: Duplicate 06302016
 Sample Type: Client
 Inject. Date: 08-Jul-2016 01:24:30 ALS Bottle#: 15 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 20.0000
 Sample Info: 460-116438-C-4
 Misc. Info.: 460-0043044-015
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Jul-2016 01:46:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	92	3881	0.8733	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	76	116026	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	166542	49.0	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	648941	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	13457	2.86	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.009	99	409797	50.1	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	439141	106.2	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	616461	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	286265	47.8	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45727.D

Injection Date: 08-Jul-2016 01:24:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116438-C-4

Lab Sample ID: 460-116438-4

Worklist Smp#: 15

Client ID: Duplicate 06302016

Purge Vol: 5.000 mL

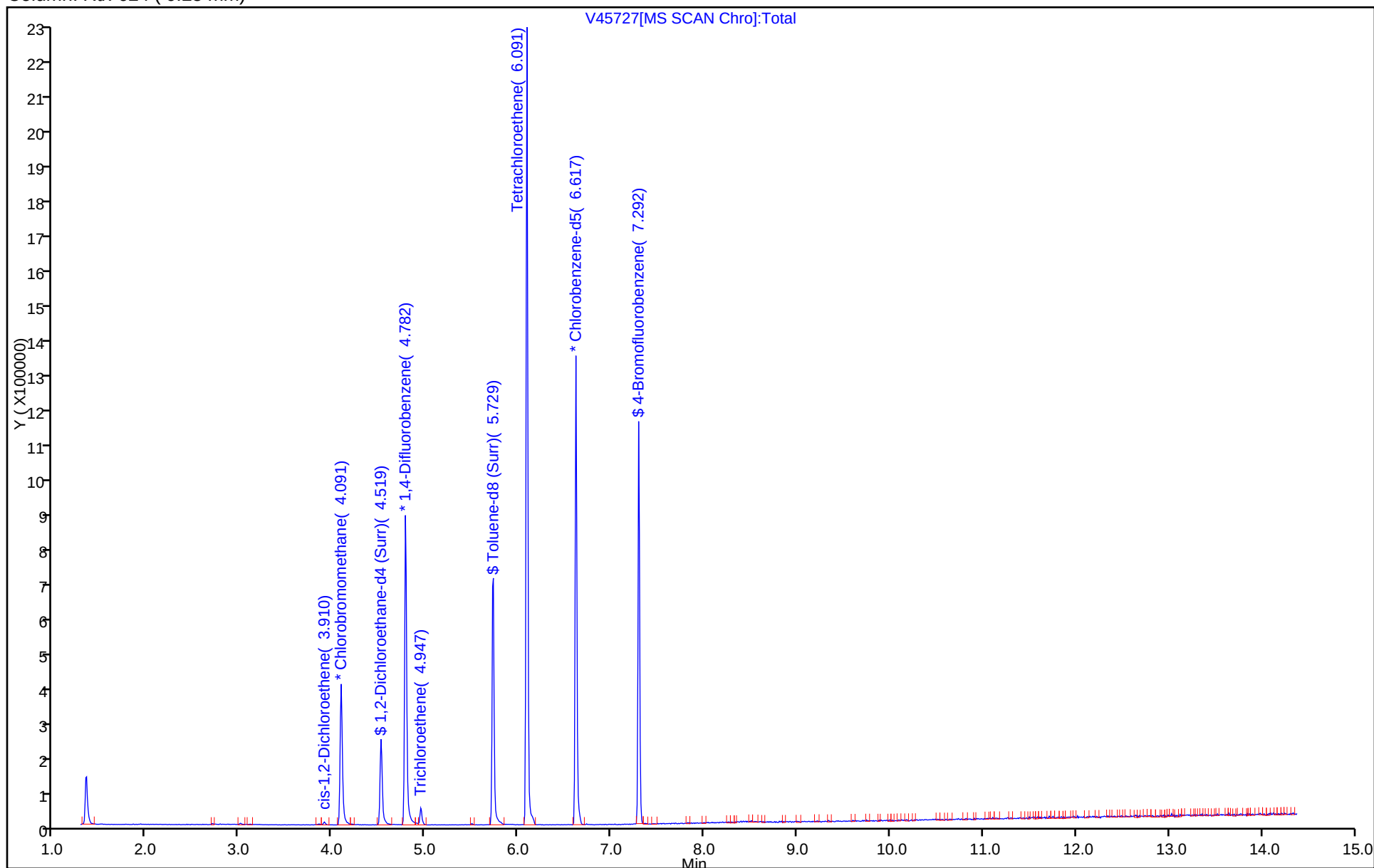
Dil. Factor: 20.0000

ALS Bottle#: 15

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45727.D

Injection Date: 08-Jul-2016 01:24:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-C-4

Lab Sample ID: 460-116438-4

Client ID: Duplicate 06302016

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

20.0000

Method: OLM04.2LLW7

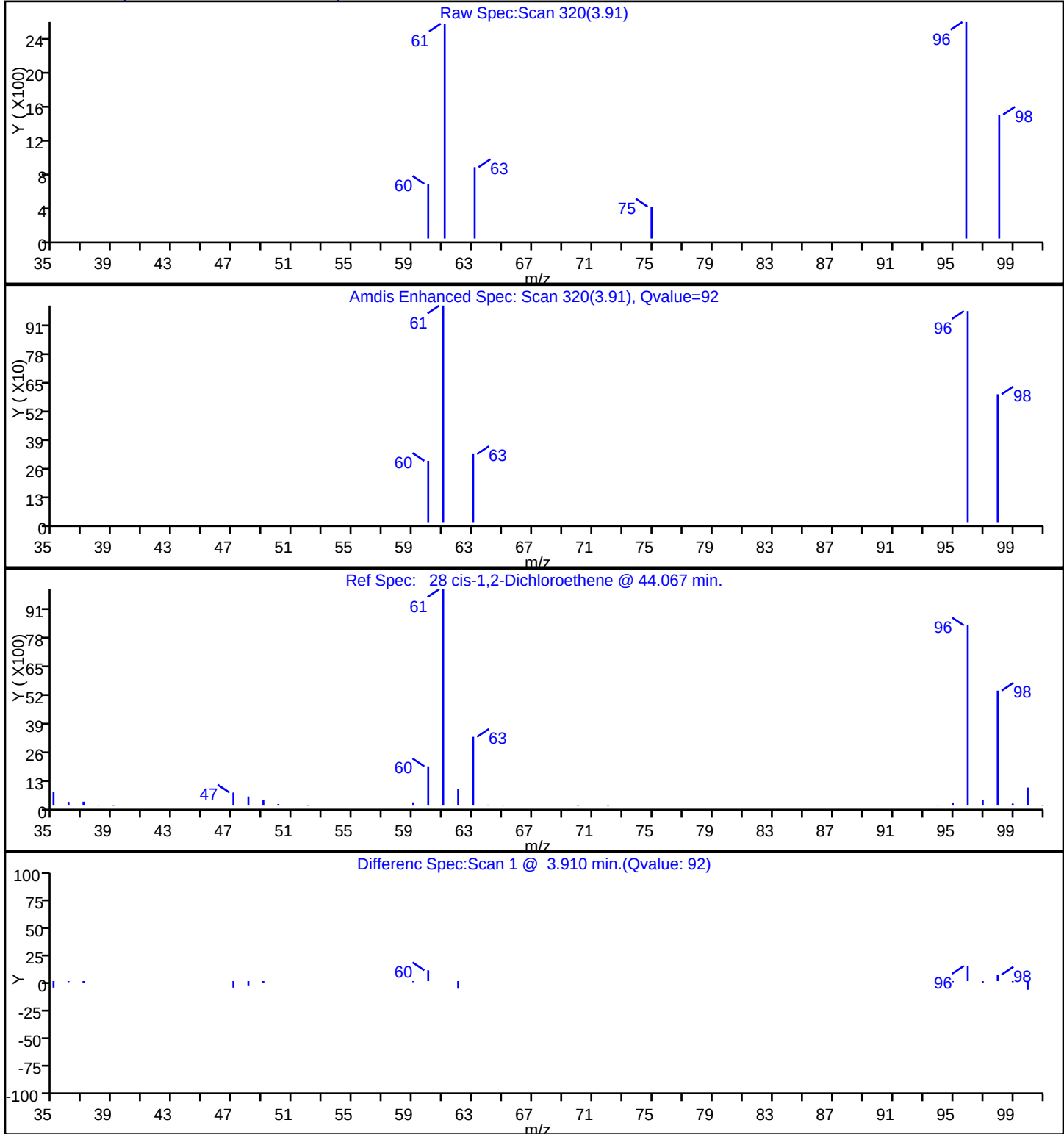
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45727.D

Injection Date: 08-Jul-2016 01:24:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-C-4

Lab Sample ID: 460-116438-4

Client ID: Duplicate 06302016

Operator ID:

ALS Bottle#:

Worklist Smp#: 15

Purge Vol: 5.000 mL

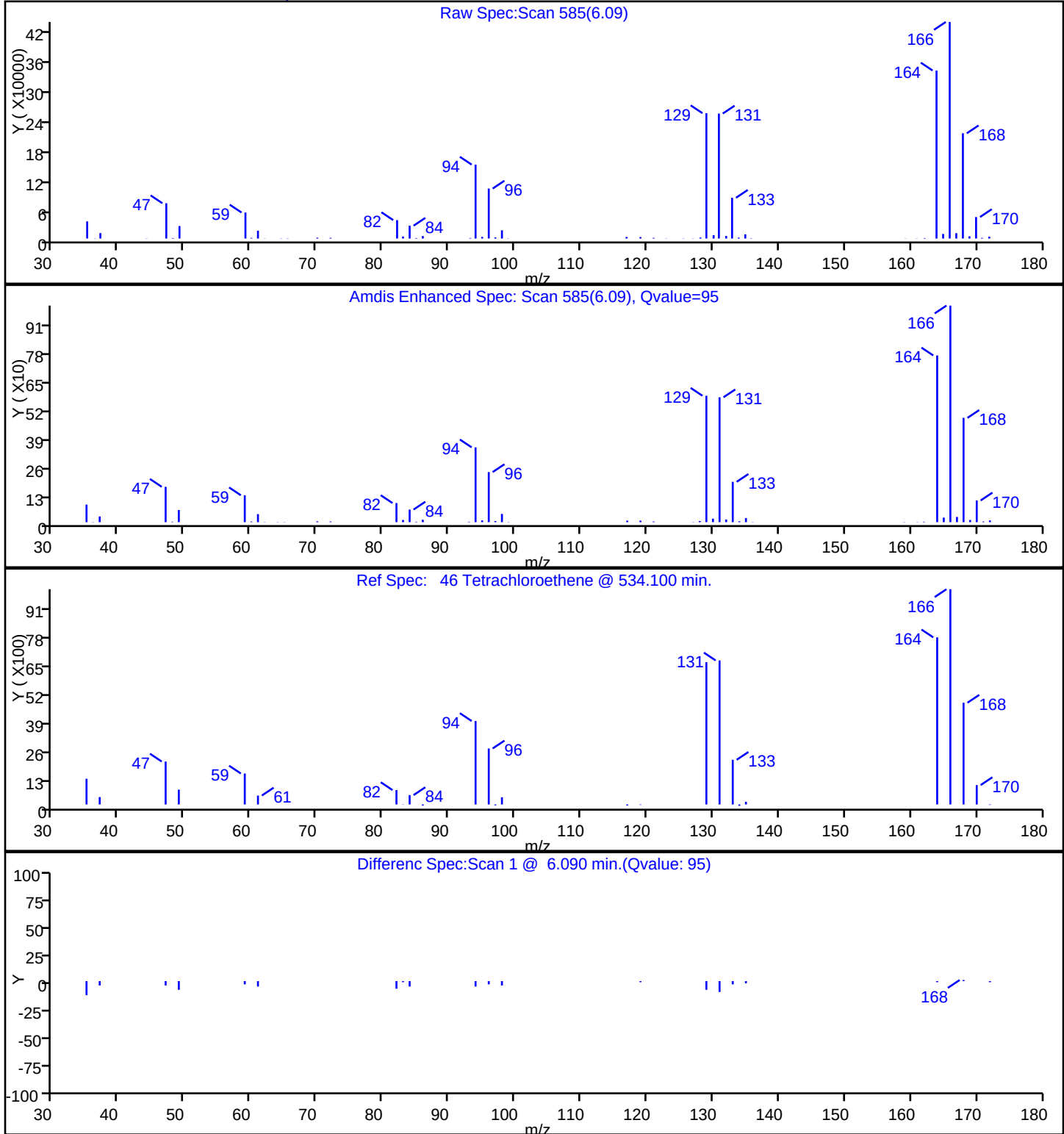
Dil. Factor: 20.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

46 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45727.D

Injection Date: 08-Jul-2016 01:24:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-C-4

Lab Sample ID: 460-116438-4

Client ID: Duplicate 06302016

Operator ID:

ALS Bottle#:

Worklist Smp#: 15

Purge Vol: 5.000 mL

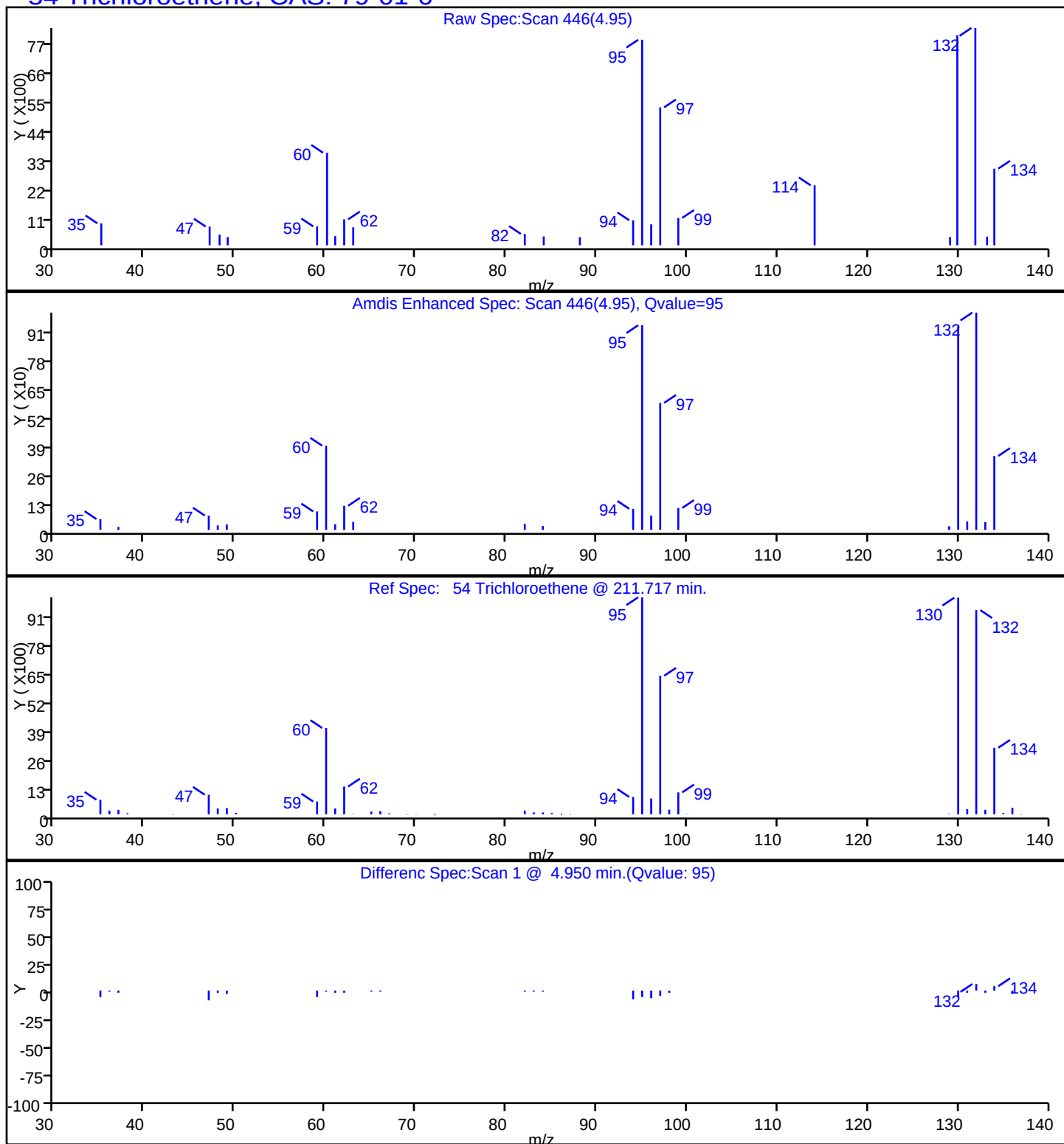
Dil. Factor: 20.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-116438-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-13A 07012016</u>	Lab Sample ID: <u>460-116438-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>V45736.D</u>
Analysis Method: <u>OLM04.2/VOL</u>	Date Collected: <u>07/01/2016 08:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/08/2016 04:59</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>377886</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.96	J	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	5.4	J	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	180		10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	6.0	J	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Client Sample ID: FSMW-13A 07012016 Lab Sample ID: 460-116438-5
Matrix: Water Lab File ID: V45736.D
Analysis Method: OLM04.2/VOL Date Collected: 07/01/2016 08:55
Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 04:59
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		76-114
2037-26-5	Toluene-d8 (Surr)	101		88-110
460-00-4	4-Bromofluorobenzene	97		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45736.D
 Lims ID: 460-116438-B-5
 Client ID: FSMW-13A 07012016
 Sample Type: Client
 Inject. Date: 08-Jul-2016 04:59:30 ALS Bottle#: 24 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-116438-B-5
 Misc. Info.: 460-0043044-024
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Jul-2016 20:08:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	95	22904	5.43	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	75	110069	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	161164	50.0	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	630578	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	92	27466	6.02	
58 1,2-Dichloropropane	63	5.136	5.128	0.008	81	3380	0.9582	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.009	98	396511	50.5	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	728087	183.3	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	592200	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	279034	48.5	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45736.D

Injection Date: 08-Jul-2016 04:59:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116438-B-5

Lab Sample ID: 460-116438-5

Worklist Smp#: 24

Client ID: FSMW-13A 07012016

Purge Vol: 5.000 mL

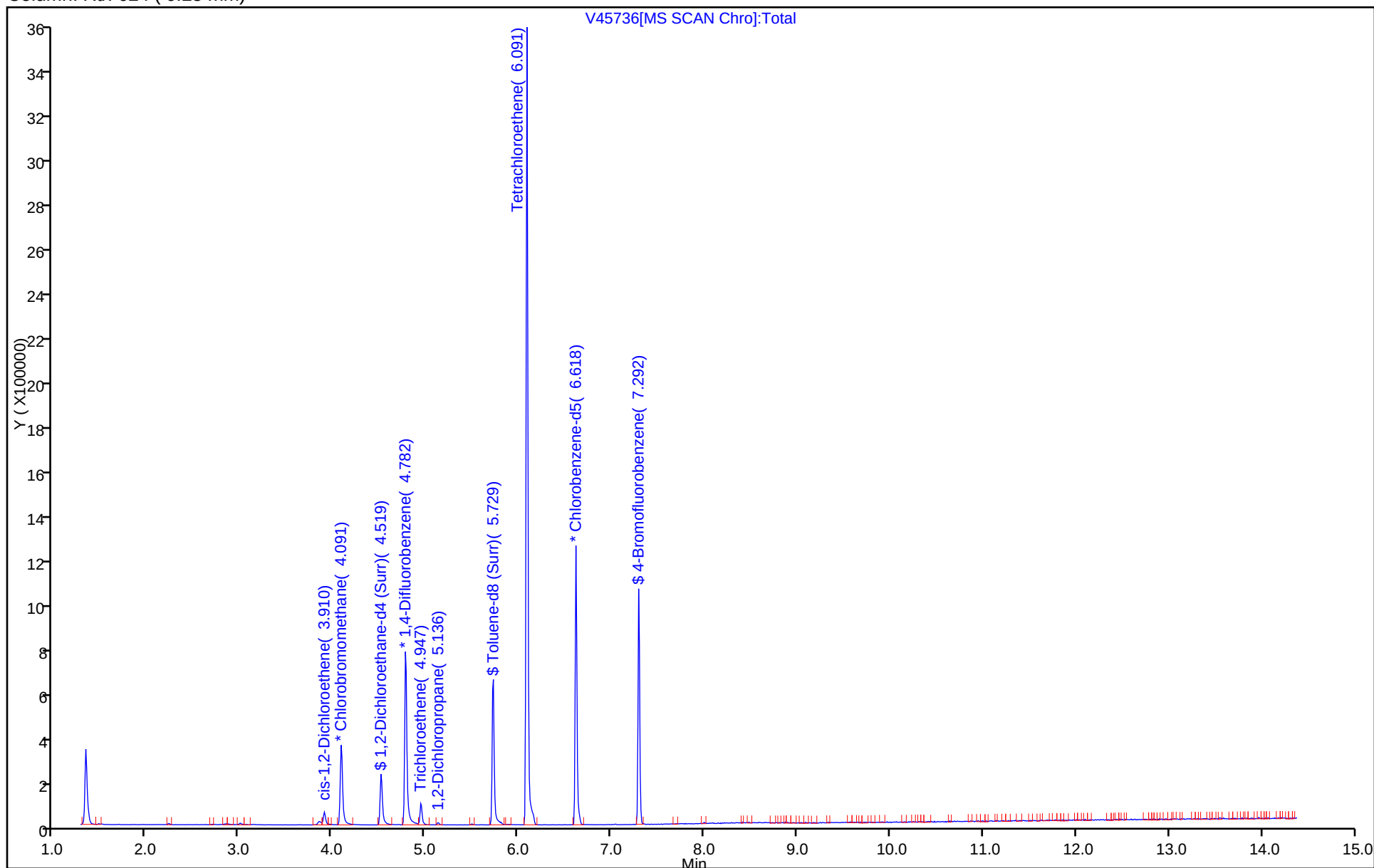
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45736.D

Injection Date: 08-Jul-2016 04:59:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-B-5

Lab Sample ID: 460-116438-5

Client ID: FSMW-13A 07012016

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: OLM04.2LLW7

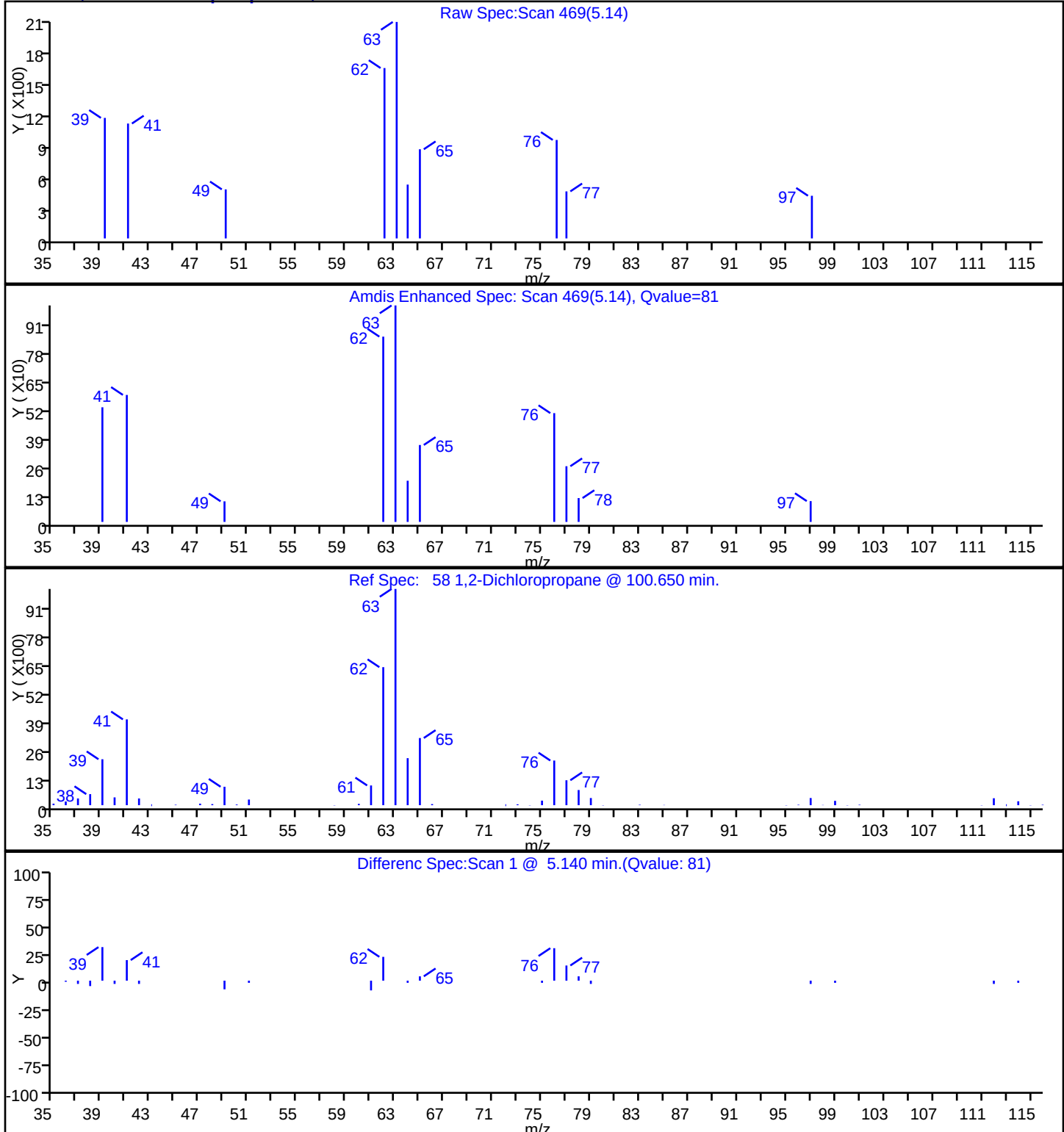
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

58 1,2-Dichloropropane, CAS: 78-87-5

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45736.D

Injection Date: 08-Jul-2016 04:59:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-B-5

Lab Sample ID: 460-116438-5

Client ID: FSMW-13A 07012016

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: OLM04.2LLW7

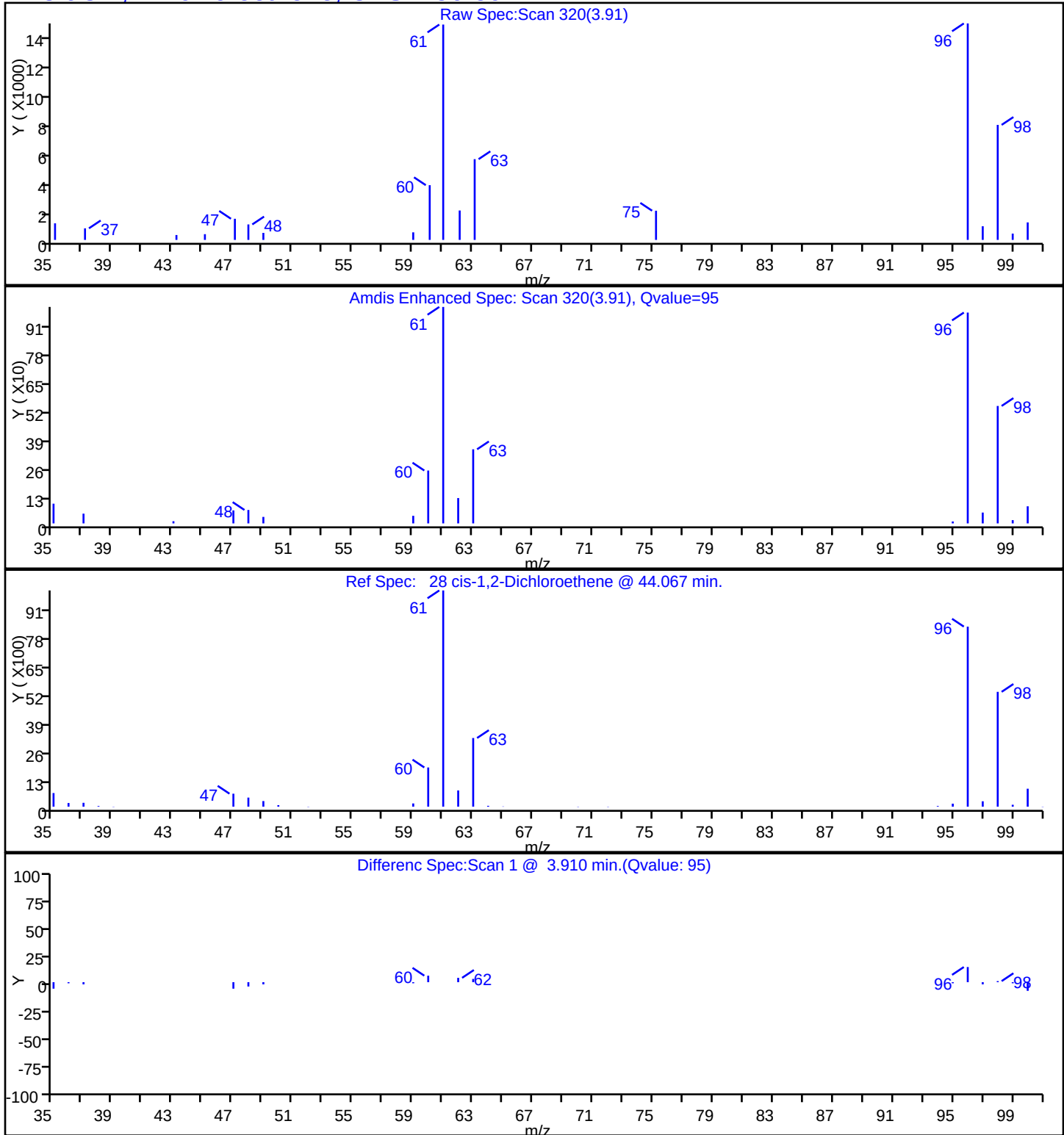
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45736.D

Injection Date: 08-Jul-2016 04:59:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-B-5

Lab Sample ID: 460-116438-5

Client ID: FSMW-13A 07012016

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: OLM04.2LLW7

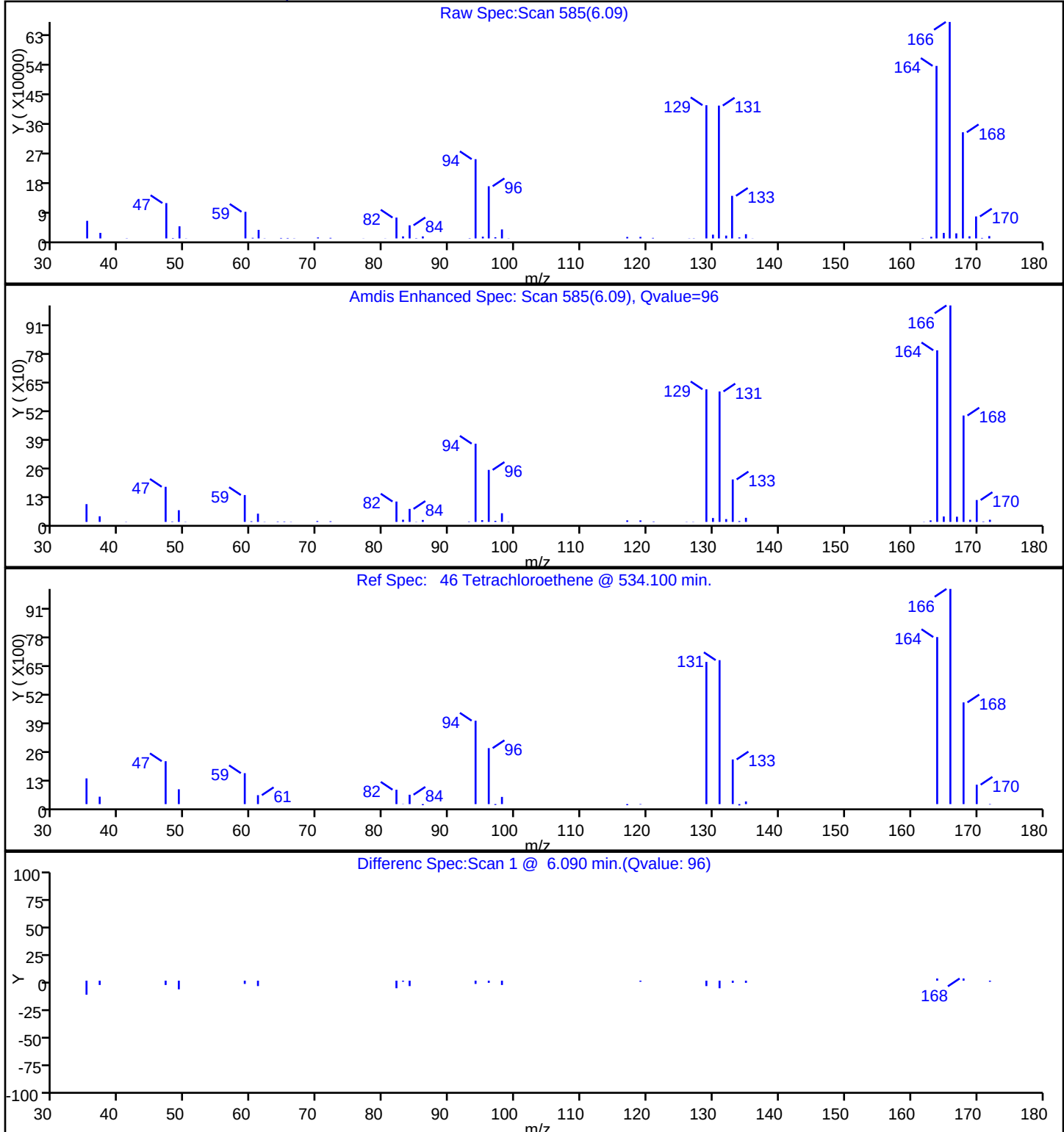
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

46 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45736.D

Injection Date: 08-Jul-2016 04:59:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-B-5

Lab Sample ID: 460-116438-5

Client ID: FSMW-13A 07012016

Operator ID:

ALS Bottle#:

Worklist Smp#: 24

Purge Vol: 5.000 mL

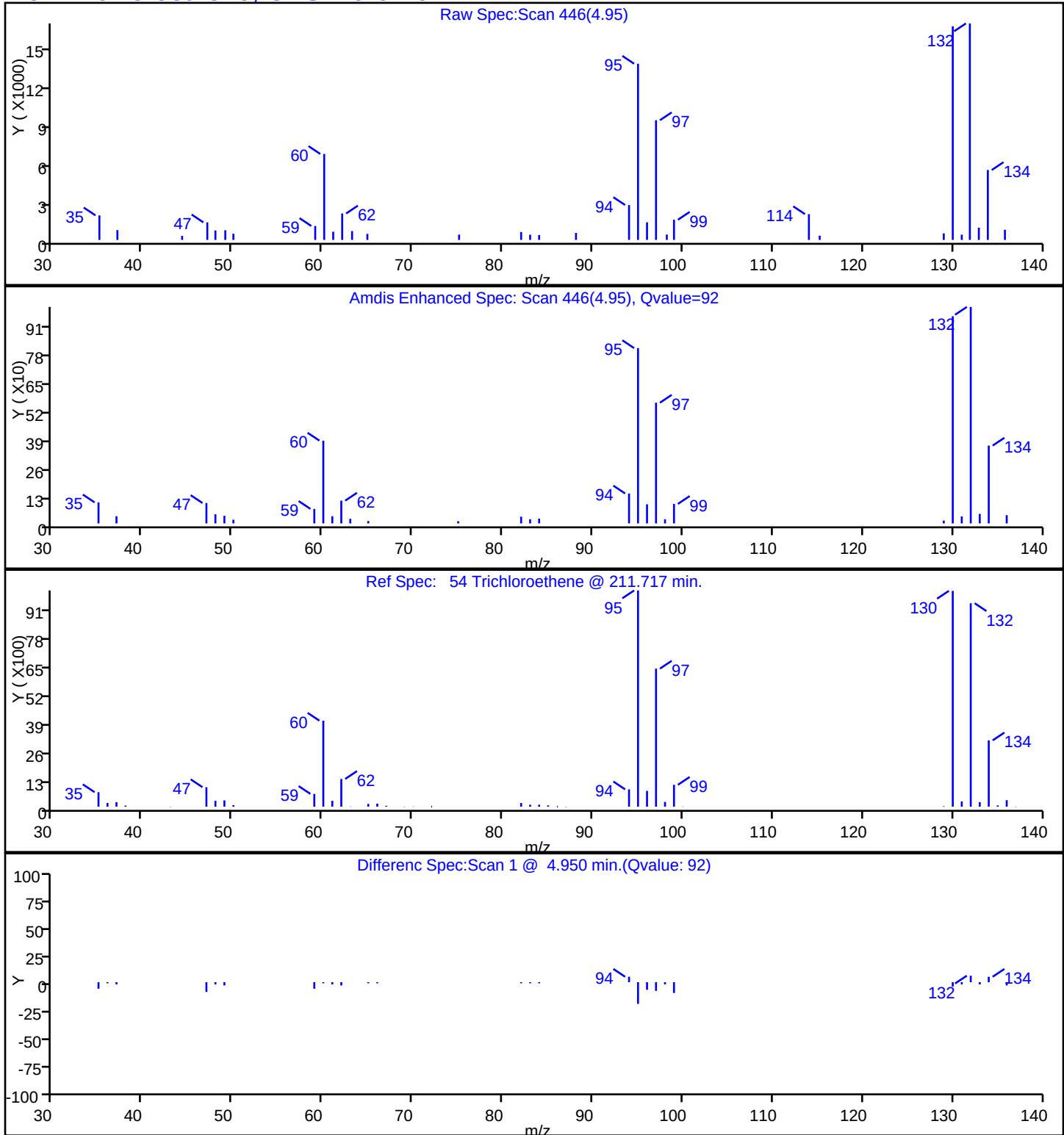
Dil. Factor: 1.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1

SDG No.: _____

Client Sample ID: FSMW-1A 07012016 Lab Sample ID: 460-116438-6

Matrix: Water Lab File ID: V45739.D

Analysis Method: OLM04.2/VOL Date Collected: 07/01/2016 11:10

Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 06:11

Soil Aliquot Vol: _____ Dilution Factor: 2

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

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

Analysis Batch No.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.20	U	20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	20	0.20
78-87-5	1,2-Dichloropropane	0.20	U	20	0.20
78-93-3	2-Butanone (MEK)	0.20	U	20	0.20
591-78-6	2-Hexanone	0.20	U	20	0.20
108-10-1	4-Methyl-2-pentanone (MIBK)	0.20	U	20	0.20
67-64-1	Acetone	0.20	U	20	0.20
71-43-2	Benzene	0.20	U	20	0.20
75-27-4	Dichlorobromomethane	0.20	U	20	0.20
75-25-2	Bromoform	0.20	U	20	0.20
74-83-9	Bromomethane	0.20	U	20	0.20
75-15-0	Carbon disulfide	0.20	U	20	0.20
56-23-5	Carbon tetrachloride	0.20	U	20	0.20
108-90-7	Chlorobenzene	0.20	U	20	0.20
124-48-1	Chlorodibromomethane	0.20	U	20	0.20
75-00-3	Chloroethane	0.20	U	20	0.20
67-66-3	Chloroform	0.20	U	20	0.20
74-87-3	Chloromethane	0.20	U	20	0.20
156-59-2	cis-1,2-Dichloroethene	17	J	20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	20	0.20
100-41-4	Ethylbenzene	0.20	U	20	0.20
75-09-2	Methylene Chloride	0.20	U	20	0.20
100-42-5	Styrene	0.20	U	20	0.20
127-18-4	Tetrachloroethene	240		20	0.20
108-88-3	Toluene	0.20	U	20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	20	0.20
79-01-6	Trichloroethene	43		20	0.20
75-01-4	Vinyl chloride	0.20	U	20	0.20
1330-20-7	Xylenes, Total	0.20	U	20	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Client Sample ID: FSMW-1A 07012016 Lab Sample ID: 460-116438-6
Matrix: Water Lab File ID: V45739.D
Analysis Method: OLM04.2/VOL Date Collected: 07/01/2016 11:10
Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 06:11
Soil Aliquot Vol: _____ Dilution Factor: 2
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		76-114
2037-26-5	Toluene-d8 (Surr)	98		88-110
460-00-4	4-Bromofluorobenzene	96		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45739.D
 Lims ID: 460-116438-B-6
 Client ID: FSMW-1A 07012016
 Sample Type: Client
 Inject. Date: 08-Jul-2016 06:11:30 ALS Bottle#: 27 Worklist Smp#: 27
 Purge Vol: 5.000 mL Dil. Factor: 2.0000
 Sample Info: 460-116438-B-6
 Misc. Info.: 460-0043044-027
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Jul-2016 20:09:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	97	35709	8.39	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	74	111079	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	155869	47.9	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	600504	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	94	93095	21.4	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.009	99	379826	49.0	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	467869	119.5	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	583789	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	94	271642	47.9	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45739.D

Injection Date: 08-Jul-2016 06:11:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116438-B-6

Lab Sample ID: 460-116438-6

Worklist Smp#: 27

Client ID: FSMW-1A 07012016

Purge Vol: 5.000 mL

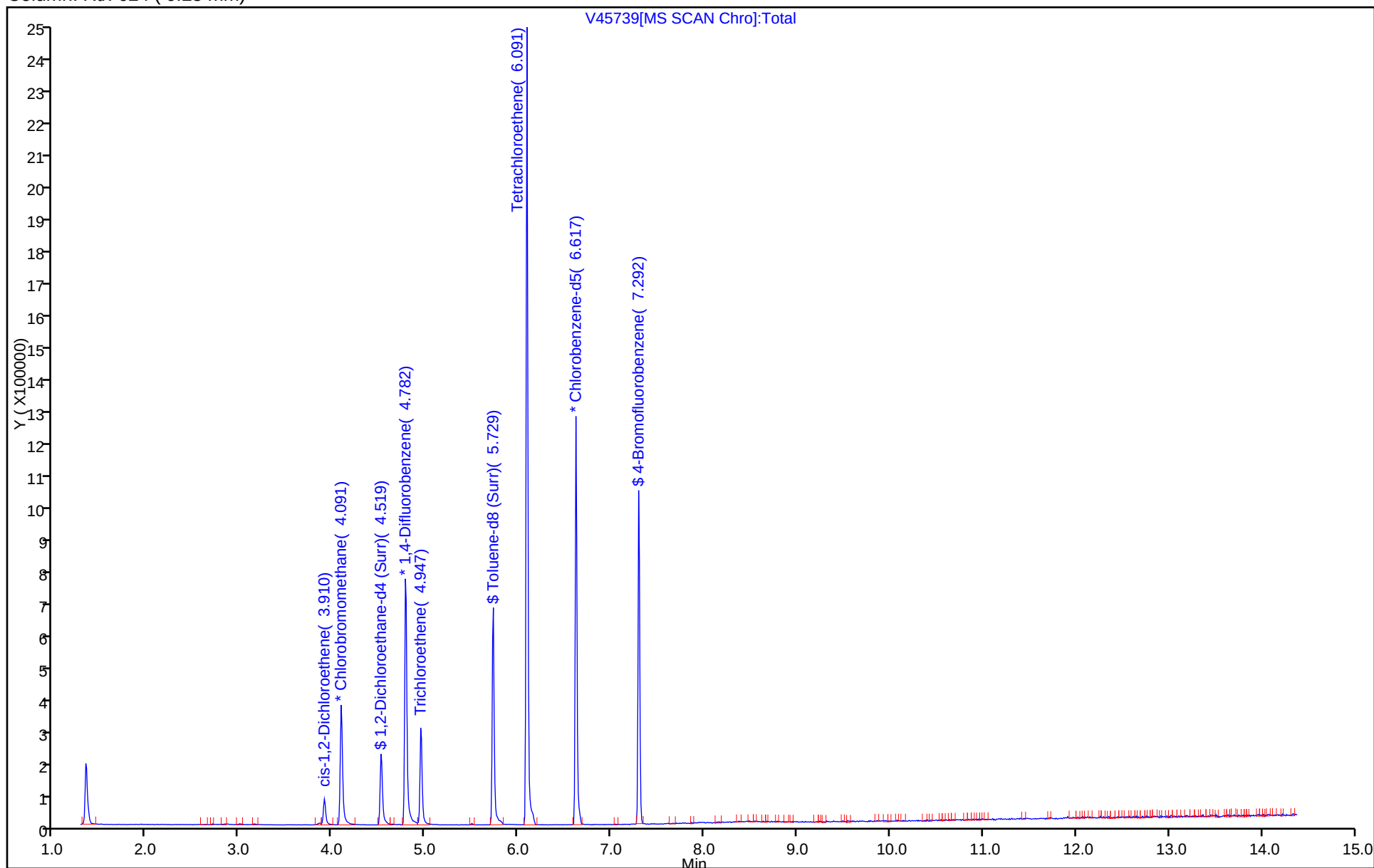
Dil. Factor: 2.0000

ALS Bottle#: 27

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45739.D

Injection Date: 08-Jul-2016 06:11:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-B-6

Lab Sample ID: 460-116438-6

Client ID: FSMW-1A 07012016

Operator ID:

ALS Bottle#:

27

Worklist Smp#: 27

Purge Vol: 5.000 mL

Dil. Factor:

2.0000

Method: OLM04.2LLW7

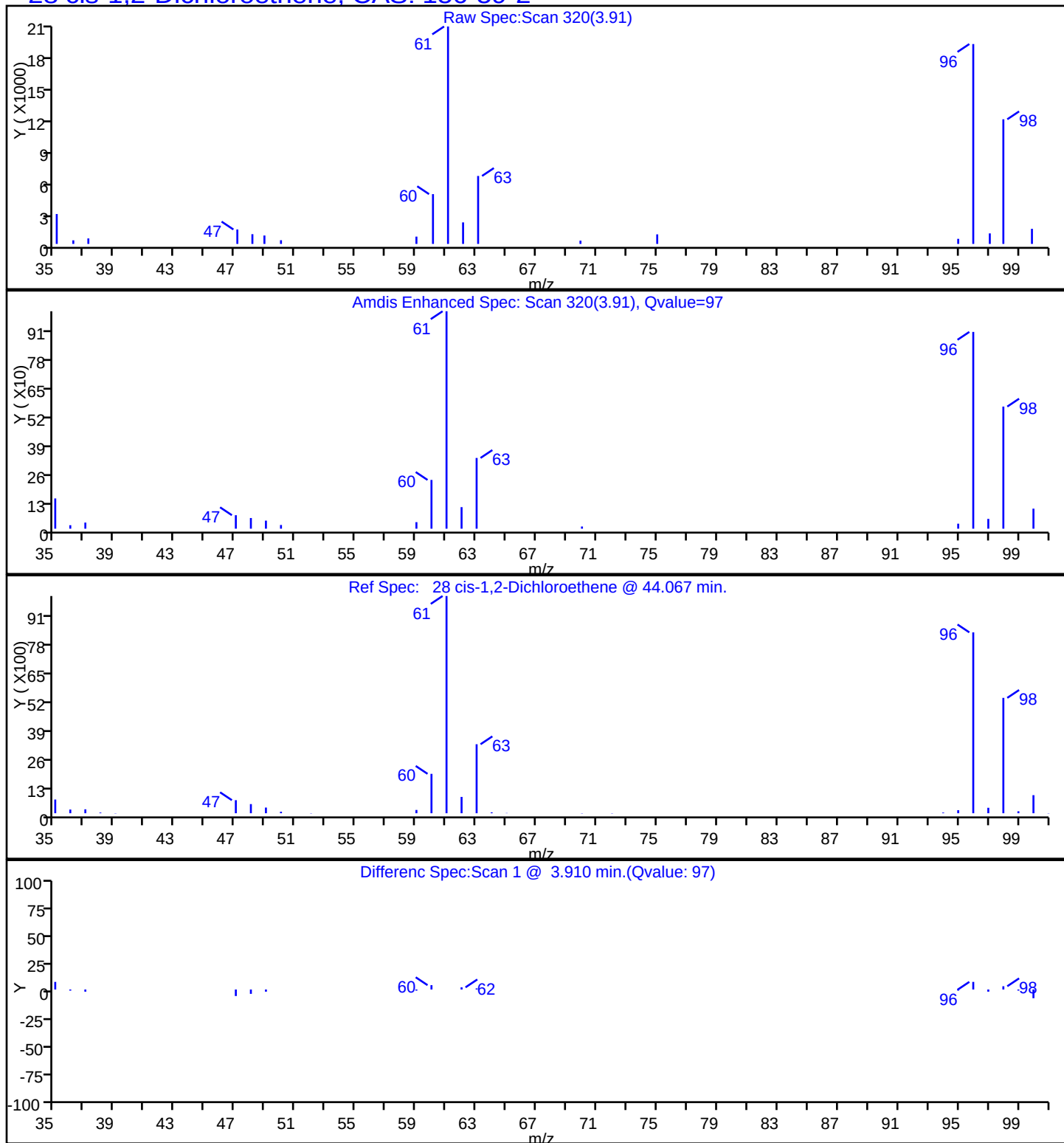
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45739.D

Injection Date: 08-Jul-2016 06:11:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-B-6

Lab Sample ID: 460-116438-6

Client ID: FSMW-1A 07012016

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

2.0000

Method: OLM04.2LLW7

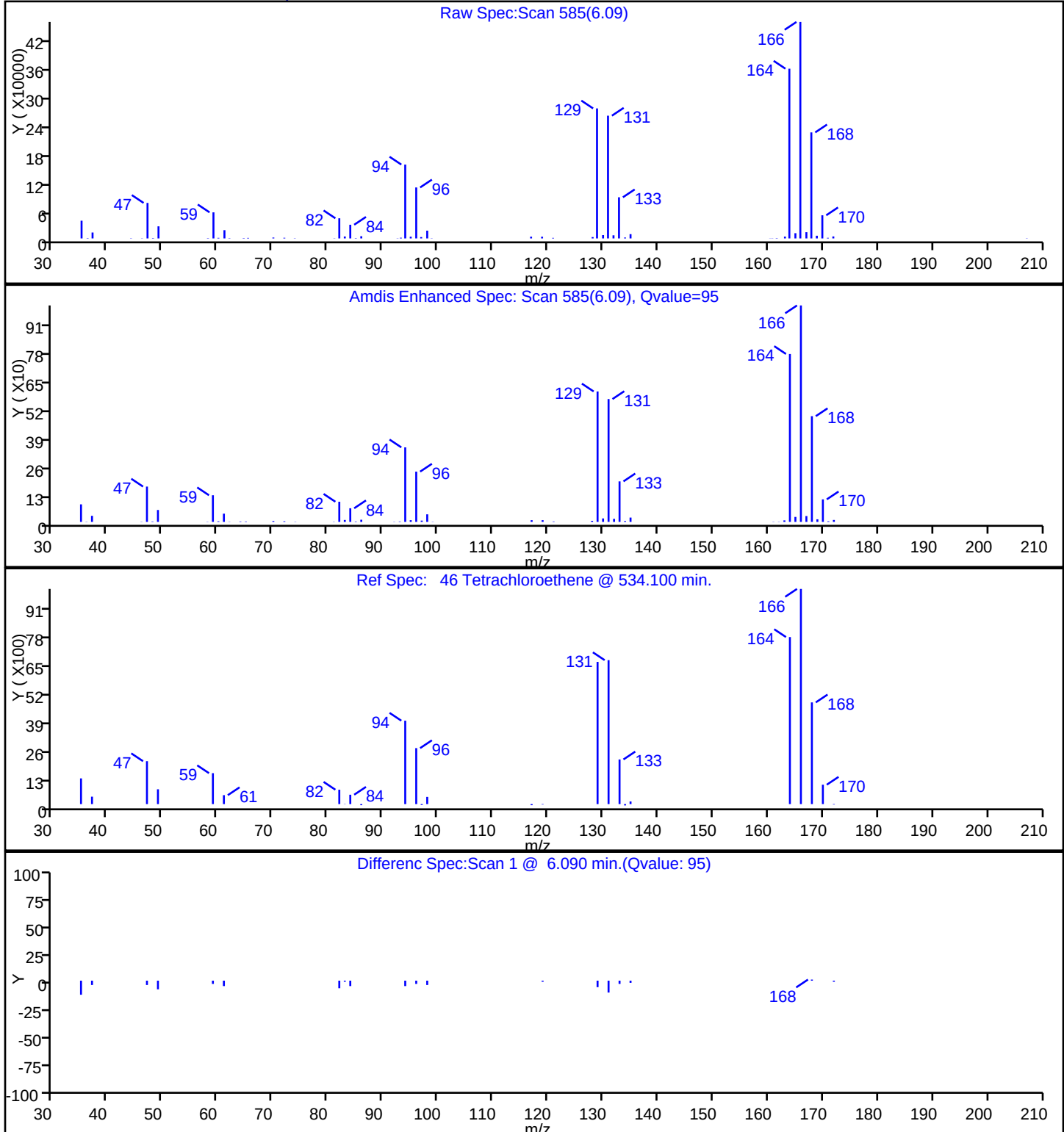
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

46 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45739.D

Injection Date: 08-Jul-2016 06:11:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-B-6

Lab Sample ID: 460-116438-6

Client ID: FSMW-1A 07012016

Operator ID:

ALS Bottle#:

Worklist Smp#: 27

Purge Vol: 5.000 mL

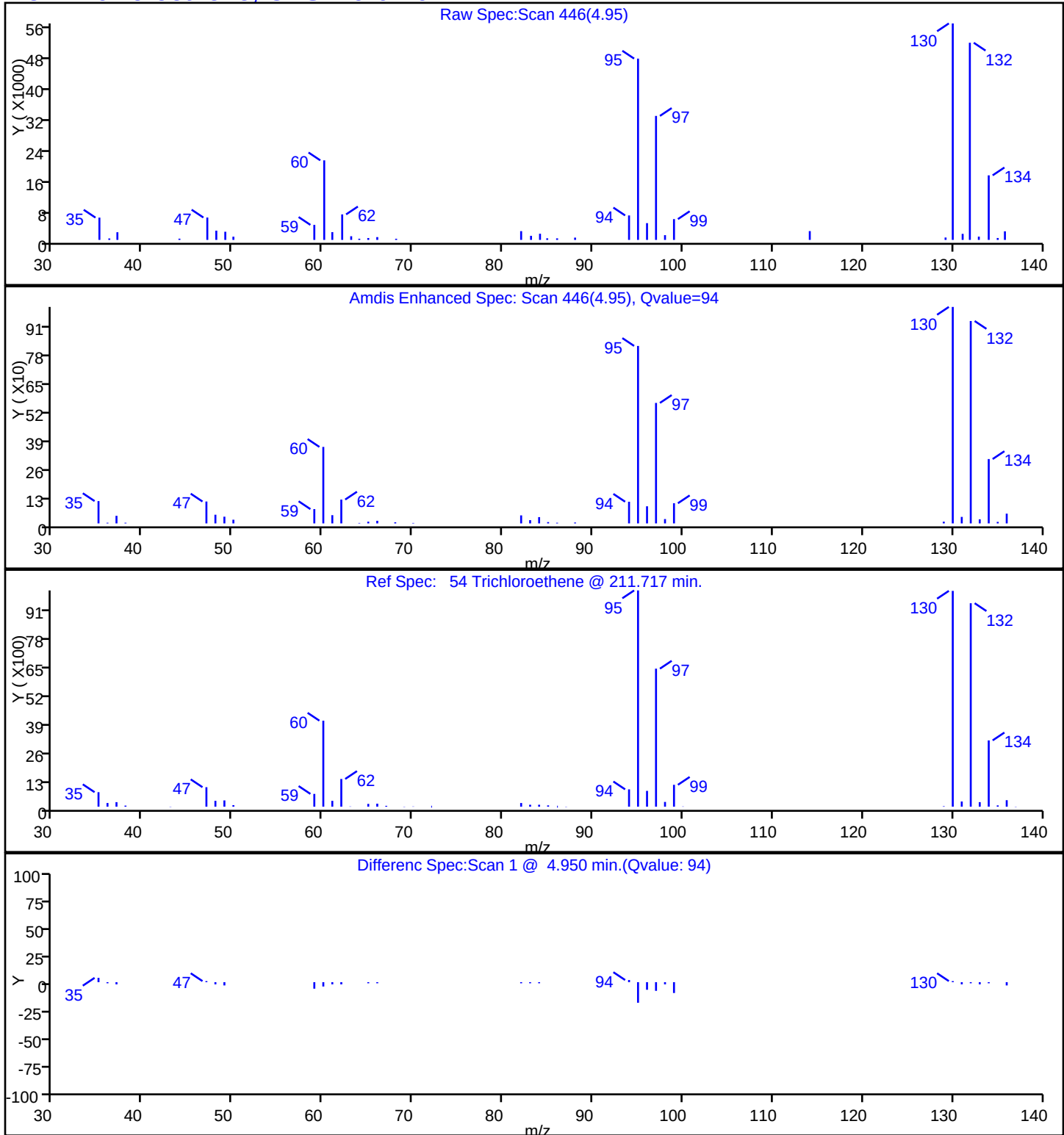
Dil. Factor: 2.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-116438-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-14A 07012016</u>	Lab Sample ID: <u>460-116438-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>V45728.D</u>
Analysis Method: <u>OLM04.2/VOL</u>	Date Collected: <u>06/30/2016 15:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/08/2016 01:47</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>20</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>377886</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	200	2.0
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	200	2.0
79-00-5	1,1,2-Trichloroethane	2.0	U	200	2.0
75-34-3	1,1-Dichloroethane	2.0	U	200	2.0
75-35-4	1,1-Dichloroethene	2.0	U	200	2.0
107-06-2	1,2-Dichloroethane	2.0	U	200	2.0
78-87-5	1,2-Dichloropropane	2.0	U	200	2.0
78-93-3	2-Butanone (MEK)	2.0	U	200	2.0
591-78-6	2-Hexanone	2.0	U	200	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	U	200	2.0
67-64-1	Acetone	2.0	U	200	2.0
71-43-2	Benzene	2.0	U	200	2.0
75-27-4	Dichlorobromomethane	2.0	U	200	2.0
75-25-2	Bromoform	2.0	U	200	2.0
74-83-9	Bromomethane	2.0	U	200	2.0
75-15-0	Carbon disulfide	2.0	U	200	2.0
56-23-5	Carbon tetrachloride	2.0	U	200	2.0
108-90-7	Chlorobenzene	2.0	U	200	2.0
124-48-1	Chlorodibromomethane	2.0	U	200	2.0
75-00-3	Chloroethane	2.0	U	200	2.0
67-66-3	Chloroform	2.0	U	200	2.0
74-87-3	Chloromethane	2.0	U	200	2.0
156-59-2	cis-1,2-Dichloroethene	18	J	200	2.0
10061-01-5	cis-1,3-Dichloropropene	2.0	U	200	2.0
100-41-4	Ethylbenzene	2.0	U	200	2.0
75-09-2	Methylene Chloride	2.0	U	200	2.0
100-42-5	Styrene	2.0	U	200	2.0
127-18-4	Tetrachloroethene	2100		200	2.0
108-88-3	Toluene	2.0	U	200	2.0
156-60-5	trans-1,2-Dichloroethene	2.0	U	200	2.0
10061-02-6	trans-1,3-Dichloropropene	2.0	U	200	2.0
79-01-6	Trichloroethene	62	J	200	2.0
75-01-4	Vinyl chloride	2.0	U	200	2.0
1330-20-7	Xylenes, Total	2.0	U	200	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Client Sample ID: FSMW-14A 07012016 Lab Sample ID: 460-116438-7
Matrix: Water Lab File ID: V45728.D
Analysis Method: OLM04.2/VOL Date Collected: 06/30/2016 15:05
Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 01:47
Soil Aliquot Vol: _____ Dilution Factor: 20
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		76-114
2037-26-5	Toluene-d8 (Surr)	99		88-110
460-00-4	4-Bromofluorobenzene	99		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45728.D
 Lims ID: 460-116438-C-7
 Client ID: FSMW-14A 07012016
 Sample Type: Client
 Inject. Date: 08-Jul-2016 01:47:30 ALS Bottle#: 16 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 20.0000
 Sample Info: 460-116438-C-7
 Misc. Info.: 460-0043044-016
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Jul-2016 02:09:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	96	3928	0.9037	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	76	113469	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	167163	50.3	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	640344	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	92	14347	3.10	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	407817	49.7	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	438572	105.8	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	617892	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	297150	49.5	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45728.D

Injection Date: 08-Jul-2016 01:47:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: 460-116438-C-7

Lab Sample ID: 460-116438-7

Worklist Smp#: 16

Client ID: FSMW-14A 07012016

Purge Vol: 5.000 mL

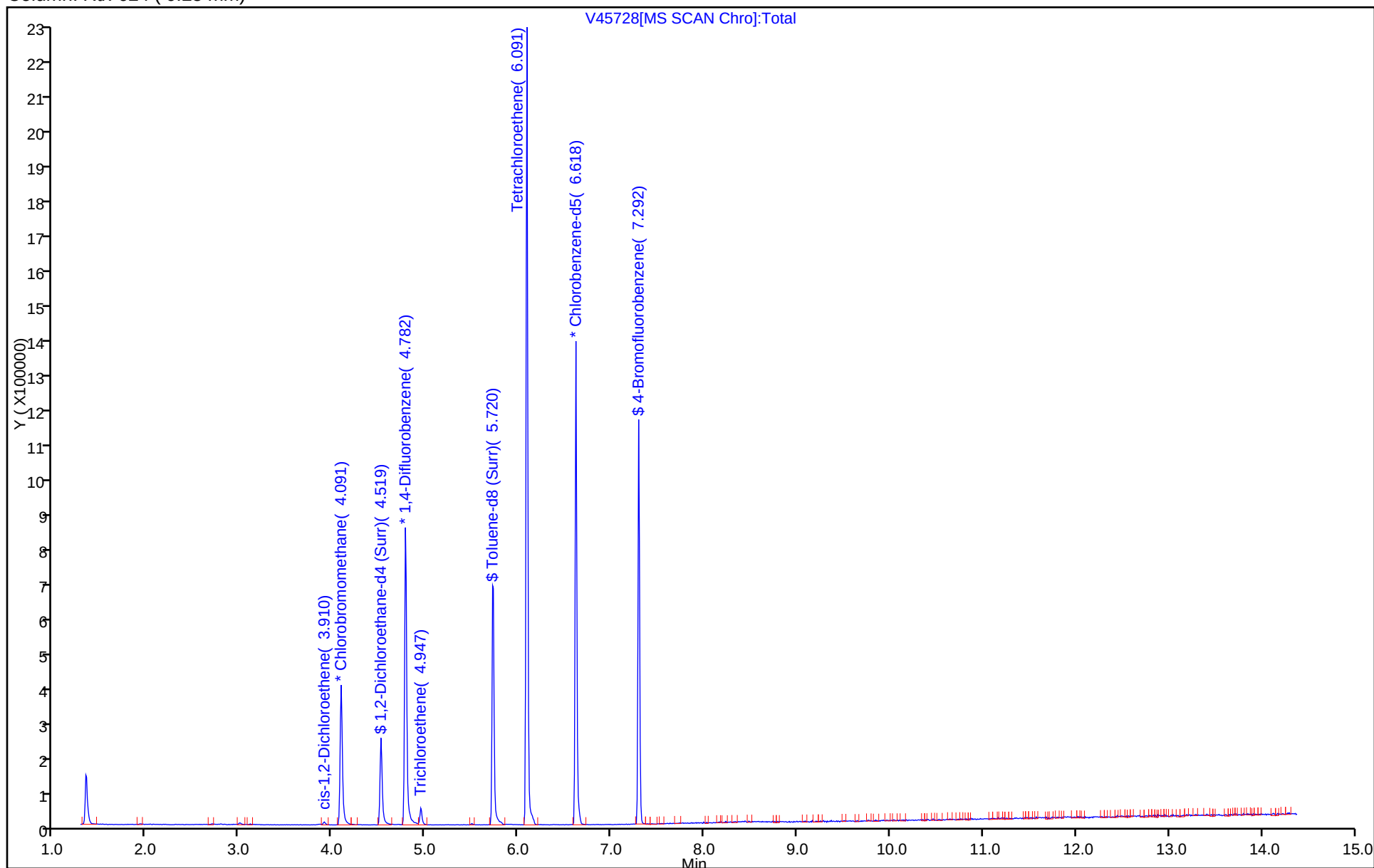
Dil. Factor: 20.0000

ALS Bottle#: 16

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45728.D

Injection Date: 08-Jul-2016 01:47:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-C-7

Lab Sample ID: 460-116438-7

Client ID: FSMW-14A 07012016

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

20.0000

Method: OLM04.2LLW7

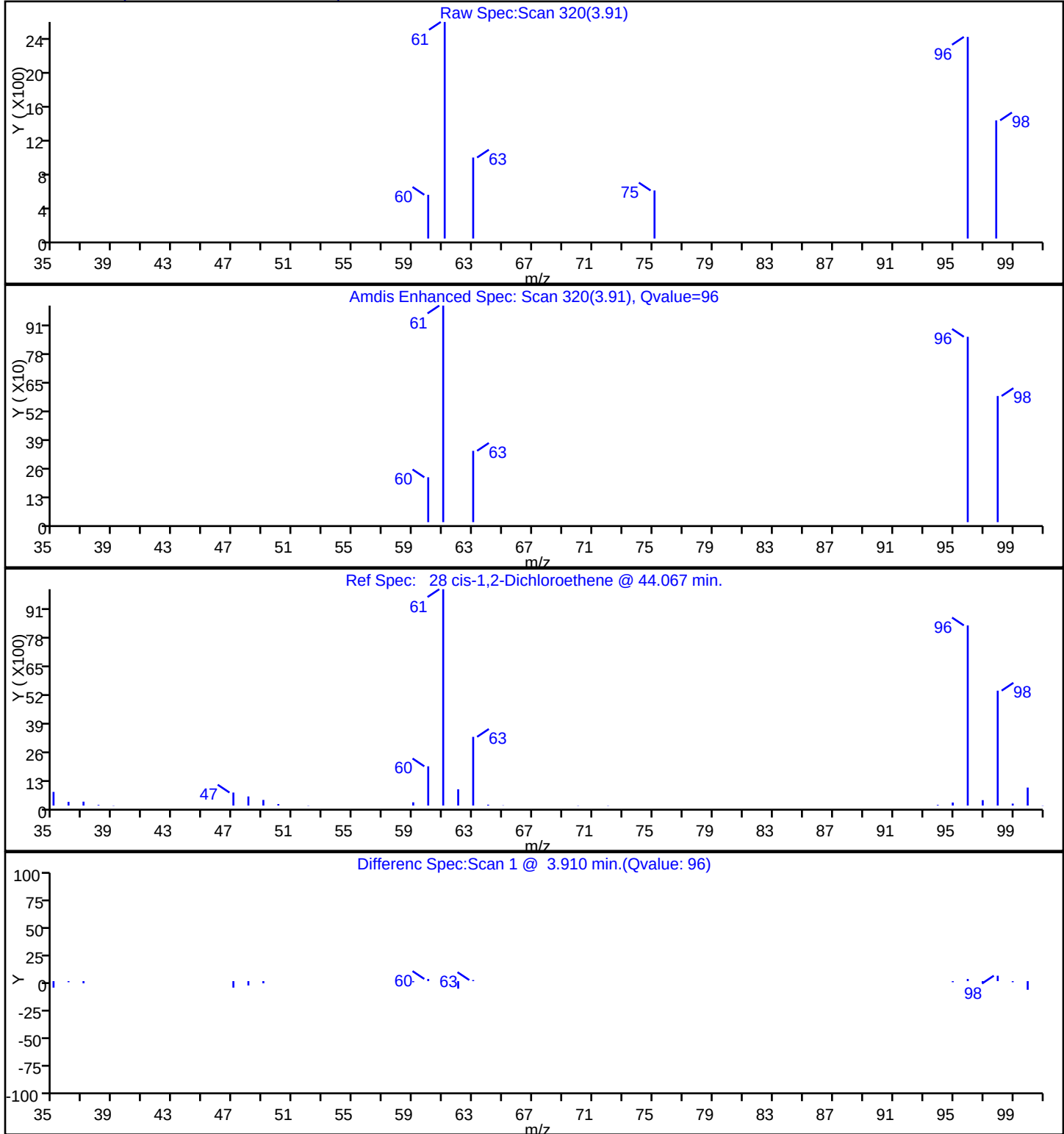
Limit Group:

VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45728.D

Injection Date: 08-Jul-2016 01:47:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-C-7

Lab Sample ID: 460-116438-7

Client ID: FSMW-14A 07012016

Operator ID:

ALS Bottle#:

Worklist Smp#: 16

Purge Vol: 5.000 mL

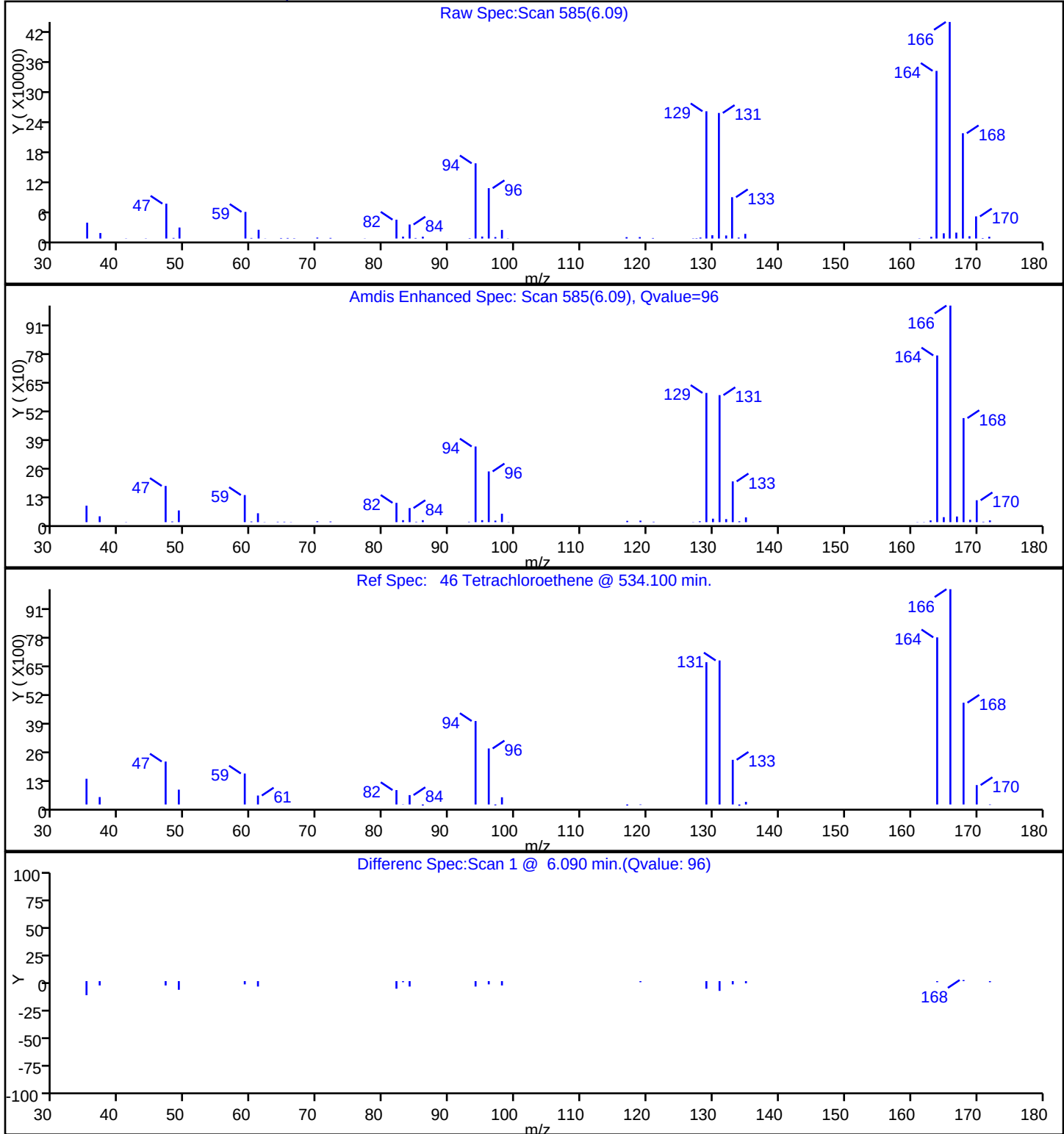
Dil. Factor: 20.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

46 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45728.D

Injection Date: 08-Jul-2016 01:47:30

Instrument ID: CVOAMS7

Lims ID: 460-116438-C-7

Lab Sample ID: 460-116438-7

Client ID: FSMW-14A 07012016

Operator ID:

ALS Bottle#:

Worklist Smp#: 16

Purge Vol: 5.000 mL

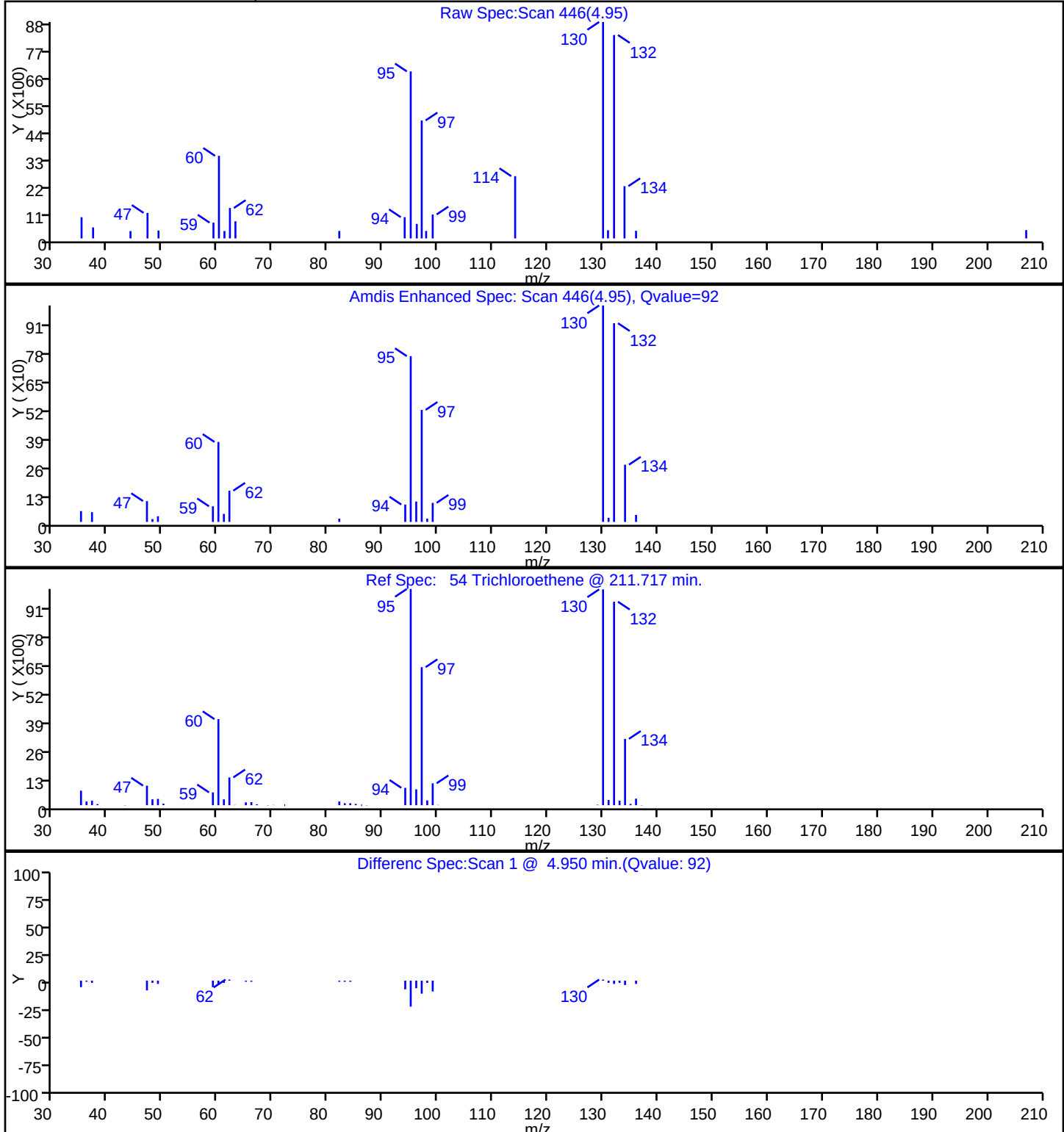
Dil. Factor: 20.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 Trichloroethene, CAS: 79-01-6

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

Lab Name: TestAmerica Edison Job No.: 460-116438-1 Analy Batch No.: 377690

SDG No.: _____

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/07/2016 03:38 Calibration End Date: 07/07/2016 06:17 Calibration ID: 56633

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-377690/3	V45685.D
Level 2	STD20 460-377690/4	V45686.D
Level 3	STD50 460-377690/9	V45691.D
Level 4	STD100 460-377690/5	V45687.D
Level 5	STD200 460-377690/6	V45688.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	0.1075	0.1850	0.1843	0.2052	0.2094	Ave		0.1783			0.0100	23.1		100.0			
Chlorotrifluoromethane	0.3066	0.4014	0.3838	0.4615	0.4582	Ave		0.4023			0.0100	15.8		100.0			
Chlorotrifluoroethene	0.4766	0.4743	0.5185	0.5791	0.6125	Ave		0.5322			0.0100	11.6		100.0			
1,1-Difluoroethane	1.9455	1.6223	1.6183	1.7841	1.8071	Ave		1.7555			0.0100	7.9		100.0			
Dichlorodifluoromethane	1.4323	1.3006	1.2226	1.2409	1.1838	Ave		1.2760			0.0100	7.6		100.0			
Chlorodifluoromethane	3.4231	2.2348	2.0876	2.2810	2.3244	Ave		2.4702			0.0100	21.9		100.0			
Chloromethane	2.3433	2.0461	1.9831	2.0555	2.1495	Ave		2.1155			0.0100	6.6		100.0			
Vinyl chloride	1.9618	1.6858	1.8242	1.8076	1.9872	Ave		1.8533			0.1000	6.6		20.5			
Bromomethane	0.9232	0.9412	1.0731	1.0159	1.1267	Ave		1.0160			0.1000	8.5		20.5			
Chloroethane	1.4824	1.1213	1.1630	1.1733	1.2158	Ave		1.2312			0.0100	11.7		100.0			
Trichlorofluoromethane	2.8303	2.9652	2.6932	2.8110	2.5257	Ave		2.7651			0.0100	6.0		100.0			
1,2-Dichloro-1,1,2-trifluoroethane	2.0637	1.6118	1.5594	1.7476	1.7419	Ave		1.7449			0.0100	11.2		100.0			
1,1,1-Trifluoro-2,2-dichloroethane	2.3226	1.9259	1.9501	2.1080	2.1092	Ave		2.0832			0.0100	7.6		100.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2595	1.5198	1.3514	1.4744	1.3176	Ave		1.3845			0.0100	7.9		100.0			
1,1-Dichloroethene	1.5093	1.3364	1.5067	1.4851	1.5658	Ave		1.4807			0.1000	5.8		20.5			
Acetone	1.5190	0.5344	0.5657	0.6761	0.6509	Ave		0.7892			0.0100	52.2		100.0			
Carbon disulfide	5.7008	4.2982	4.5925	4.6170	4.7095	Ave		4.7836			0.0100	11.2		100.0			
Methyl acetate	1.5235	1.6206	1.5755	1.5887	1.5910	Ave		1.5799			0.0100	2.3		100.0			
Methylene Chloride	2.2179	1.9341	1.8917	1.8664	1.8392	Ave		1.9499			0.0100	7.9		100.0			
Methyl tert-butyl ether	5.1754	5.7826	5.9839	6.1124	6.0593	Ave		5.8227			0.0100	6.6		100.0			
trans-1,2-Dichloroethene	1.9227	1.6757	1.7137	1.7072	1.7761	Ave		1.7591			0.0100	5.6		100.0			
1,1-Dichloroethane	3.1086	2.9843	2.9178	2.9362	2.9989	Ave		2.9892			0.2000	2.5		20.5			
cis-1,2-Dichloroethene	1.8716	1.9163	1.9267	1.9641	2.0181	Ave		1.9393			0.0100	2.8		100.0			
2-Butanone (MEK)	1.0068	0.8191	0.8953	0.9413	0.9437	Ave		0.9212			0.0100	7.5		100.0			
Chloroform	3.5800	3.3244	3.3493	3.4124	3.4204	Ave		3.4173			0.2000	2.9		20.5			
Cyclohexane	0.3222	0.3780	0.3807	0.4027	0.3625	Ave		0.3692			0.0100	8.1		100.0			
1,1,1-Trichloroethane	0.6554	0.4962	0.5268	0.5437	0.5568	Ave		0.5558			0.1000	10.8		20.5			
Carbon tetrachloride	0.3826	0.3199	0.3841	0.4172	0.4474	Ave		0.3902			0.1000	12.2		20.5			
Benzene	1.2749	1.1981	1.2005	1.2340	1.2595	Ave		1.2334			0.5000	2.8		20.5			
1,2-Dichloroethane	2.7287	2.8295	2.8251	2.8581	2.8426	Ave		2.8168			0.1000	1.8		20.5			
Trichloroethene	0.4151	0.3378	0.3462	0.3628	0.3647	Ave		0.3653			0.3000	8.2		20.5			
Methylcyclohexane	0.3325	0.4174	0.4115	0.4363	0.3840	Ave		0.3964			0.0100	10.2		100.0			

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.: 460-116438-1 Analy Batch No.: 377690
SDG No.: _____
Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 07/07/2016 03:38 Calibration End Date: 07/07/2016 06:17 Calibration ID: 56633

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloropropane	0.3428	0.2931	0.2920	0.3064	0.3052	Ave		0.3079			0.0100	6.7		100.0			
Dichlorobromomethane	0.4590	0.4522	0.4630	0.4738	0.4710	Ave		0.4638			0.2000	1.9		20.5			
cis-1,3-Dichloropropene	0.4808	0.4895	0.5259	0.5460	0.5482	Ave		0.5181			0.2000	6.1		20.5			
4-Methyl-2-pentanone (MIBK)	0.3140	0.3111	0.3182	0.3261	0.3390	Ave		0.3217			0.0100	3.5		100.0			
Toluene	1.3688	1.4064	1.3553	1.4258	1.4635	Ave		1.4039			0.4000	3.1		20.5			
trans-1,3-Dichloropropene	0.4518	0.4807	0.5001	0.5348	0.5436	Ave		0.5022			0.1000	7.6		20.5			
1,1,2-Trichloroethane	0.3102	0.3232	0.3236	0.3384	0.3375	Ave		0.3266			0.1000	3.6		20.5			
Tetrachloroethene	0.4335	0.2867	0.2918	0.3189	0.3376	Ave		0.3337			0.2000	17.8		20.5			
2-Hexanone	0.1987	0.2059	0.2115	0.2210	0.2357	Ave		0.2145			0.0100	6.7		100.0			
Chlorodibromomethane	0.4784	0.4604	0.4555	0.4732	0.4807	Ave		0.4696			0.1000	2.4		20.5			
Ethylene Dibromide	0.3378	0.3656	0.3653	0.3667	0.3713	Ave		0.3613			0.0100	3.7		100.0			
Chlorobenzene	1.0610	0.9944	0.9655	0.9949	1.0031	Ave		1.0038			0.5000	3.5		20.5			
Ethylbenzene	0.5285	0.4784	0.4640	0.4910	0.5076	Ave		0.4939			0.1000	5.1		20.5			
m-Xylene & p-Xylene	1.2290	1.1969	1.1832	1.2583	1.3180	Ave		0.6045			0.3000	5.8		100.0			
o-Xylene	0.5608	0.5901	0.5917	0.6314	0.6485	Ave		0.6045			0.3000	5.8		100.0			
Styrene	0.8770	1.0270	1.0476	1.1144	1.1413	Ave		1.0414			0.3000	9.9		20.5			
Bromoform	0.2912	0.3365	0.3550	0.3750	0.3815	Ave		0.3478			0.1000	10.4		20.5			
Isopropylbenzene	1.2526	1.5058	1.5028	1.5140	1.4366	Ave		1.4424			0.0100	7.7		100.0			
1,1,2,2-Tetrachloroethane	0.4400	0.4614	0.4514	0.4542	0.4711	Ave		0.4556			0.3000	2.5		20.5			
1,3-Dichlorobenzene	0.6381	0.8031	0.8107	0.8034	0.7780	Ave		0.7667			0.6000	9.5		20.5			
1,4-Dichlorobenzene	0.6677	0.8065	0.8307	0.8329	0.8079	Ave		0.7891			0.5000	8.7		20.5			
1,2-Dichlorobenzene	0.6702	0.7890	0.7948	0.7868	0.7686	Ave		0.7619			0.4000	6.8		20.5			
1,2-Dibromo-3-Chloropropane	0.0919	0.0868	0.0876	0.0900	0.0913	Ave		0.0895			0.0100	2.5		100.0			
1,2,4-Trichlorobenzene	0.3886	0.3857	0.4146	0.4172	0.4058	Ave		0.4024			0.2000	3.6		20.5			
1,2-Dichloroethane-d4 (Surr)	1.6863	1.5864	1.3825	1.7910	1.8249	Ave		1.6542			0.0100	10.8		100.0			
Toluene-d8 (Surr)	0.7372	0.7564	0.6860	0.8020	0.8083	Ave		0.7580			0.0100	6.6		100.0			
4-Bromofluorobenzene	0.5302	0.4353	0.4680	0.4822	0.4801	Ave		0.4792			0.2000	7.1		20.5			

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.: 460-116438-1 Analy Batch No.: 377690

SDG No.: _____

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/07/2016 03:38 Calibration End Date: 07/07/2016 06:17 Calibration ID: 56633

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-377690/3	V45685.D
Level 2	STD20 460-377690/4	V45686.D
Level 3	STD50 460-377690/9	V45691.D
Level 4	STD100 460-377690/5	V45687.D
Level 5	STD200 460-377690/6	V45688.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Monochloropentafluoroethane	BCM	Ave	311	10245	25262	58657	119732	1.00	20.0	50.0	100	200
Chlorotrifluoromethane	BCM	Ave	887	22234	52618	131910	261980	1.00	20.0	50.0	100	200
Chlorotrifluoroethene	BCM	Ave	1379	26271	71080	165532	350222	1.00	20.0	50.0	100	200
1,1-Difluoroethane	BCM	Ave	5629	89850	221838	509979	1033302	1.00	20.0	50.0	100	200
Dichlorodifluoromethane	BCM	Ave	4144	72033	167591	354694	676914	1.00	20.0	50.0	100	200
Chlorodifluoromethane	BCM	Ave	9904	123774	286162	652016	1329088	1.00	20.0	50.0	100	200
Chloromethane	BCM	Ave	6780	113321	271838	587547	1229057	1.00	20.0	50.0	100	200
Vinyl chloride	BCM	Ave	5676	93368	250061	516686	1136298	1.00	20.0	50.0	100	200
Bromomethane	BCM	Ave	2671	52128	147094	290404	644245	1.00	20.0	50.0	100	200
Chloroethane	BCM	Ave	4289	62103	159421	335384	695203	1.00	20.0	50.0	100	200
Trichlorofluoromethane	BCM	Ave	8189	164226	369188	803504	1444173	1.00	20.0	50.0	100	200
1,2-Dichloro-1,1,2-trifluoroethane	BCM	Ave	5971	89271	213761	499532	995997	1.00	20.0	50.0	100	200
1,1,1-Trifluoro-2,2-dichloroethane	BCM	Ave	6720	106669	267314	602569	1206066	1.00	20.0	50.0	100	200
1,1,2-Trichloro-1,1,2,2-trifluoroethane	BCM	Ave	3644	84175	185245	421456	753391	1.00	20.0	50.0	100	200
1,1-Dichloroethene	BCM	Ave	4367	74017	206544	424499	895297	1.00	20.0	50.0	100	200
Acetone	BCM	Ave	4395	29599	77549	193253	372185	1.00	20.0	50.0	100	200
Carbon disulfide	BCM	Ave	16494	238058	629541	1319747	2692906	1.00	20.0	50.0	100	200
Methyl acetate	BCM	Ave	4408	89758	215968	454113	909734	1.00	20.0	50.0	100	200
Methylene Chloride	BCM	Ave	6417	107120	259321	533501	1051670	1.00	20.0	50.0	100	200
Methyl tert-butyl ether	BCM	Ave	14974	320273	820268	1747198	3464729	1.00	20.0	50.0	100	200
trans-1,2-Dichloroethene	BCM	Ave	5563	92807	234915	487990	1015594	1.00	20.0	50.0	100	200
1,1-Dichloroethane	BCM	Ave	8994	165287	399976	839315	1714769	1.00	20.0	50.0	100	200
cis-1,2-Dichloroethene	BCM	Ave	5415	106133	264113	561425	1153964	1.00	20.0	50.0	100	200
2-Butanone (MEK)	BCM	Ave	2913	45367	122734	269053	539612	1.00	20.0	50.0	100	200
Chloroform	BCM	Ave	10358	184123	459121	975411	1955797	1.00	20.0	50.0	100	200
Cyclohexane	DFBZ	Ave	5245	122019	303221	672826	1221928	1.00	20.0	50.0	100	200
1,1,1-Trichloroethane	DFBZ	Ave	10668	160199	419597	908332	1876987	1.00	20.0	50.0	100	200
Carbon tetrachloride	DFBZ	Ave	6228	103286	305950	696970	1508161	1.00	20.0	50.0	100	200
Benzene	DFBZ	Ave	20752	386776	956159	2061520	4245708	1.00	20.0	50.0	100	200
1,2-Dichloroethane	BCM	Ave	7895	156710	387268	816972	1625397	1.00	20.0	50.0	100	200
Trichloroethene	DFBZ	Ave	6757	109068	275713	606148	1229524	1.00	20.0	50.0	100	200
Methylcyclohexane	DFBZ	Ave	5413	134752	327794	728965	1294399	1.00	20.0	50.0	100	200
1,2-Dichloropropane	DFBZ	Ave	5580	94620	232550	511934	1028716	1.00	20.0	50.0	100	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-116438-1 Analy Batch No.: 377690

SDG No.: _____

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/07/2016 03:38 Calibration End Date: 07/07/2016 06:17 Calibration ID: 56633

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorobromomethane	DFBZ	Ave	7471	145974	368773	791589	1587796	1.00	20.0	50.0	100	200
cis-1,3-Dichloropropene	DFBZ	Ave	7826	158031	418856	912194	1847837	1.00	20.0	50.0	100	200
4-Methyl-2-pentanone (MIBK)	CBNZd	Ave	4618	93230	244636	535042	1109592	1.00	20.0	50.0	100	200
Toluene	CBNZd	Ave	20128	421526	1041896	2339579	4790510	1.00	20.0	50.0	100	200
trans-1,3-Dichloropropene	DFBZ	Ave	7354	155177	398353	893491	1832520	1.00	20.0	50.0	100	200
1,1,2-Trichloroethane	DFBZ	Ave	5050	104353	257781	565269	1137809	1.00	20.0	50.0	100	200
Tetrachloroethene	CBNZd	Ave	6374	85936	224367	523268	1104931	1.00	20.0	50.0	100	200
2-Hexanone	CBNZd	Ave	2922	61702	162572	362722	771404	1.00	20.0	50.0	100	200
Chlorodibromomethane	CBNZd	Ave	7035	137982	350180	776419	1573404	1.00	20.0	50.0	100	200
Ethylene Dibromide	CBNZd	Ave	4967	109587	280847	601774	1215382	1.00	20.0	50.0	100	200
Chlorobenzene	CBNZd	Ave	15602	298033	742229	1632569	3283505	1.00	20.0	50.0	100	200
Ethylbenzene	CBNZd	Ave	7772	143373	356743	805675	1661730	1.00	20.0	50.0	100	200
m-Xylene & p-Xylene	CBNZd	Ave	18072	358723	909634	2064715	4314409	1.00	20.0	50.0	100	200
o-Xylene	CBNZd	Ave	8246	176854	454875	1036112	2122666	1.00	20.0	50.0	100	200
Styrene	CBNZd	Ave	12896	307813	805385	1828585	3735852	1.00	20.0	50.0	100	200
Bromoform	DFBZ	Ave	4740	108631	282771	626450	1286133	1.00	20.0	50.0	100	200
Isopropylbenzene	CBNZd	Ave	18419	451318	1155317	2484387	4702560	1.00	20.0	50.0	100	200
1,1,2,2-Tetrachloroethane	CBNZd	Ave	6470	138298	346999	745392	1541999	1.00	20.0	50.0	100	200
1,3-Dichlorobenzene	CBNZd	Ave	9383	240697	623230	1318391	2546704	1.00	20.0	50.0	100	200
1,4-Dichlorobenzene	CBNZd	Ave	9818	241723	638629	1366724	2644703	1.00	20.0	50.0	100	200
1,2-Dichlorobenzene	CBNZd	Ave	9856	236482	611043	1291068	2515958	1.00	20.0	50.0	100	200
1,2-Dibromo-3-Chloropropane	CBNZd	Ave	1351	26020	67355	147710	298967	1.00	20.0	50.0	100	200
1,2,4-Trichlorobenzene	CBNZd	Ave	5714	115597	318728	684654	1328370	1.00	20.0	50.0	100	200
1,2-Dichloroethane-d4 (Surr)	BCM	Ave	4882	87918	189628	512290	1044133	1.00	20.0	50.0	100	200
Toluene-d8 (Surr)	CBNZd	Ave	10845	226769	527563	1316534	2646801	1.00	20.0	50.0	100	200
4-Bromofluorobenzene	CBNZd	Ave	7800	130518	359929	791633	1572345	1.00	20.0	50.0	100	200

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45685.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 07-Jul-2016 03:38:30 ALS Bottle#: 3 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0042999-003
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 04:11:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.350	1.359	-0.009	1	311	1.00	0.6030	M
27 Chlorotrifluoromethane	69	1.367	1.359	0.008	32	887	1.00	0.7620	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	22	1379	1.00	0.8955	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	96	5629	1.00	1.11	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	44	4144	1.00	1.12	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	9904	1.00	1.39	
39 Chloromethane	50	1.655	1.655	0.000	98	6780	1.00	1.11	
12 Vinyl chloride	62	1.737	1.737	0.000	94	5676	1.00	1.06	
65 Bromomethane	94	2.001	2.000	0.001	68	2671	1.00	0.9086	
23 Chloroethane	64	2.083	2.075	0.009	98	4289	1.00	1.20	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	98	8189	1.00	1.02	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	5971	1.00	1.18	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	91	6720	1.00	1.11	
49 1,1,2-Trichloro-1,2,2-trif	101	2.593	2.585	0.008	95	3644	1.00	0.9097	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	93	4367	1.00	1.02	
14 Acetone	43	2.708	2.700	0.008	86	4395	1.00	1.92	
3 Carbon disulfide	76	2.791	2.790	0.001	97	16494	1.00	1.19	
50 Methyl acetate	43	2.906	2.906	0.000	60	4408	1.00	0.9643	
40 Methylene Chloride	84	3.005	3.004	0.001	80	6417	1.00	1.14	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	14974	1.00	0.8888	
63 trans-1,2-Dichloroethene	96	3.161	3.153	0.008	89	5563	1.00	1.09	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	66	8994	1.00	1.04	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	87	5415	1.00	0.9650	
57 2-Butanone (MEK)	43	3.926	3.918	0.008	63	2913	1.00	1.09	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	144665	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	92	10358	1.00	1.05	
8 Cyclohexane	56	4.231	4.231	0.000	70	5245	1.00	0.8727	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	94	10668	1.00	1.18	
6 Carbon tetrachloride	117	4.346	4.338	0.008	54	6228	1.00	0.9804	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.510	0.001	97	20752	1.00	1.03	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	4882	1.00	1.02	
43 1,2-Dichloroethane	62	4.577	4.568	0.008	96	7895	1.00	0.9687	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	813890	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	6757	1.00	1.14	
55 Methylcyclohexane	83	5.037	5.029	0.008	92	5413	1.00	0.8390	
58 1,2-Dichloropropane	63	5.136	5.128	0.008	85	5580	1.00	1.11	
20 Dichlorobromomethane	83	5.301	5.301	0.000	97	7471	1.00	0.9896	
10 cis-1,3-Dichloropropene	75	5.589	5.589	0.000	90	7826	1.00	0.9280	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	55	4618	1.00	0.9763	
\$ 38 Toluene-d8 (Surr)	98	5.729	5.720	0.009	98	10845	1.00	0.9730	
30 Toluene	91	5.770	5.770	0.000	93	20128	1.00	0.9750	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	93	7354	1.00	0.8996	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	95	5050	1.00	0.9499	
46 Tetrachloroethene	164	6.091	6.091	0.000	92	6374	1.00	1.30	
7 2-Hexanone	43	6.190	6.181	0.009	49	2922	1.00	0.9262	
32 Chlorodibromomethane	129	6.288	6.288	0.000	90	7035	1.00	1.02	
48 Ethylene Dibromide	107	6.371	6.370	0.001	96	4967	1.00	0.9348	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	735259	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	96	15602	1.00	1.06	
62 Ethylbenzene	106	6.667	6.667	0.000	97	7772	1.00	1.07	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	18072	1.00	2.03	
25 o-Xylene	106	6.971	6.971	0.000	94	8246	1.00	0.9277	
17 Styrene	104	6.988	6.988	0.000	99	12896	1.00	0.8421	
51 Bromoform	173	7.119	7.128	-0.009	94	4740	1.00	0.8371	
42 Isopropylbenzene	105	7.169	7.169	0.000	94	18419	1.00	0.8684	
\$ 26 4-Bromofluorobenzene	174	7.301	7.292	0.009	90	7800	1.00	1.11	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	96	6470	1.00	0.9657	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	94	9383	1.00	0.8323	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	95	9818	1.00	0.8461	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	93	9856	1.00	0.8797	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	88	1351	1.00	1.03	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	88	5714	1.00	0.9657	
S 9 Xylenes, Total	106				0	8246	1.00	0.9277	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

VMCLPFREOW_00107

Amount Added: 0.50

Units: uL

VMC4.2Oi_00109

Amount Added: 0.50

Units: uL

VMC4.2_00127

Amount Added: 0.50

Units: uL

VMC4.2SU_00111

Amount Added: 0.50

Units: uL

VMC4.2ISi_00116

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45685.D

Injection Date: 07-Jul-2016 03:38:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD1

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

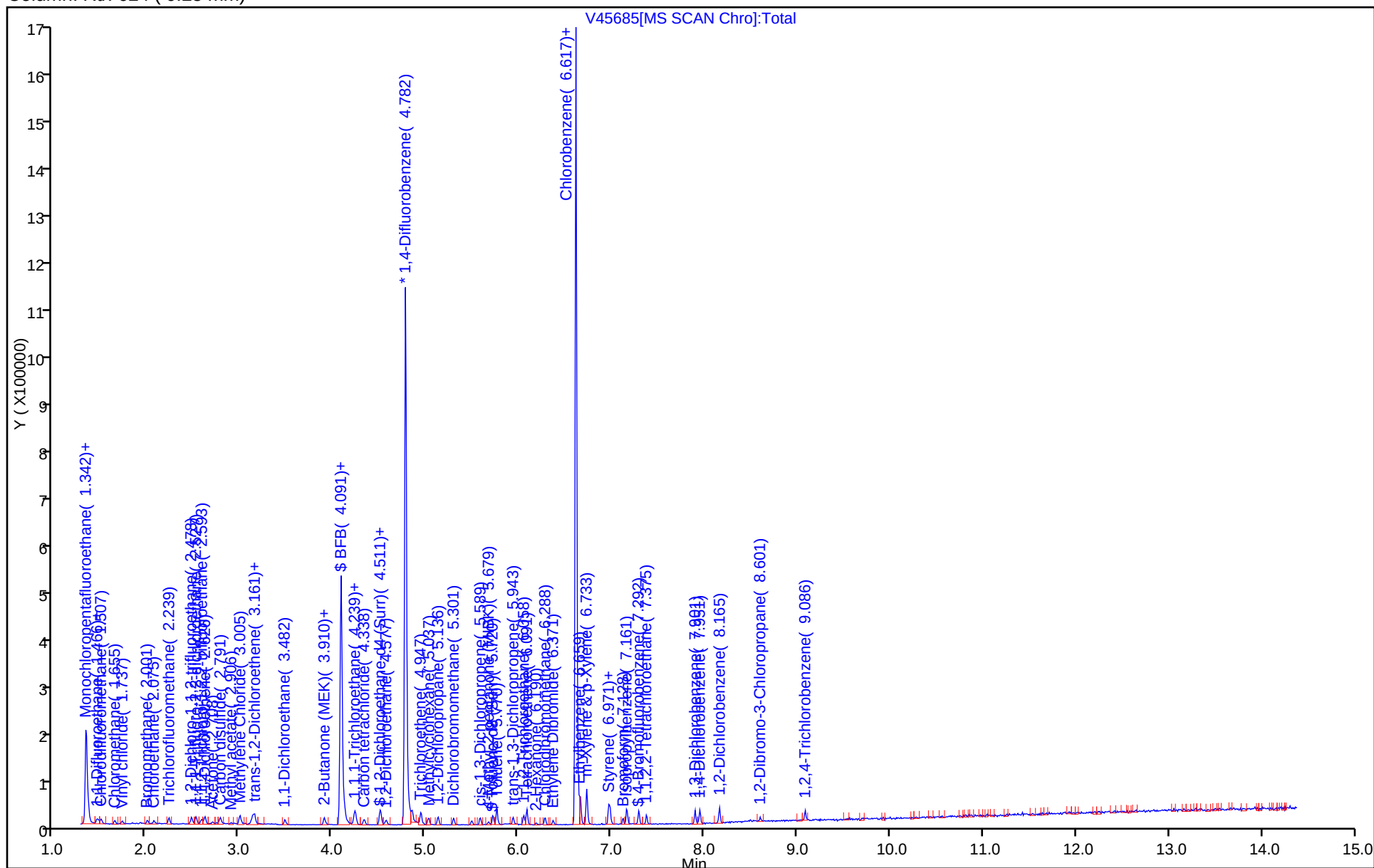
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

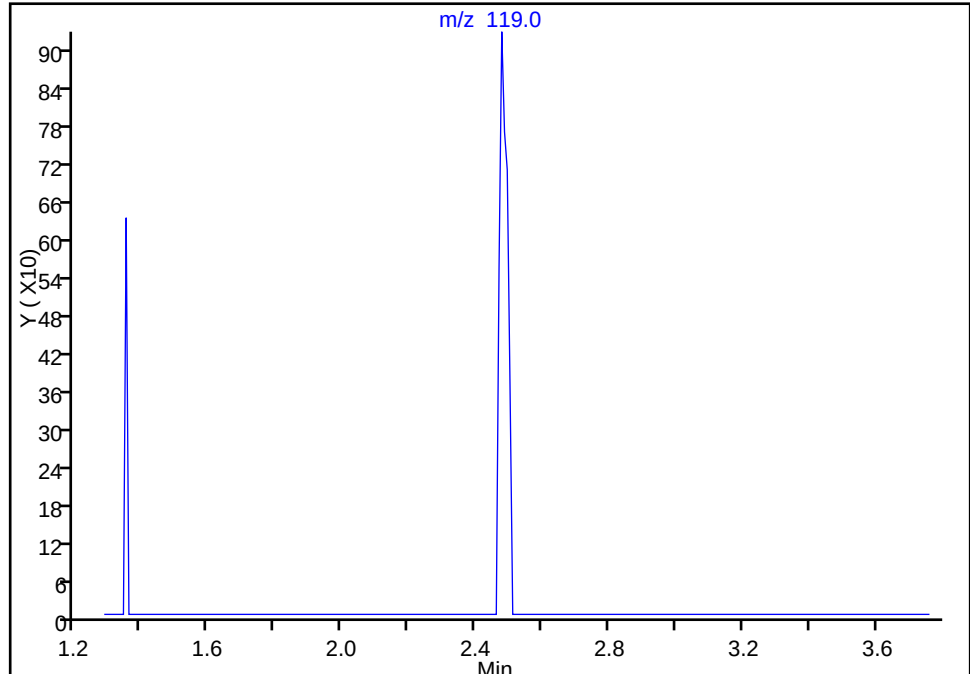
Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45685.D
Injection Date: 07-Jul-2016 03:38:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: OLM04.2LLW7 Limit Group: VOA OLM04.2 LL Water ICAL
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

13 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

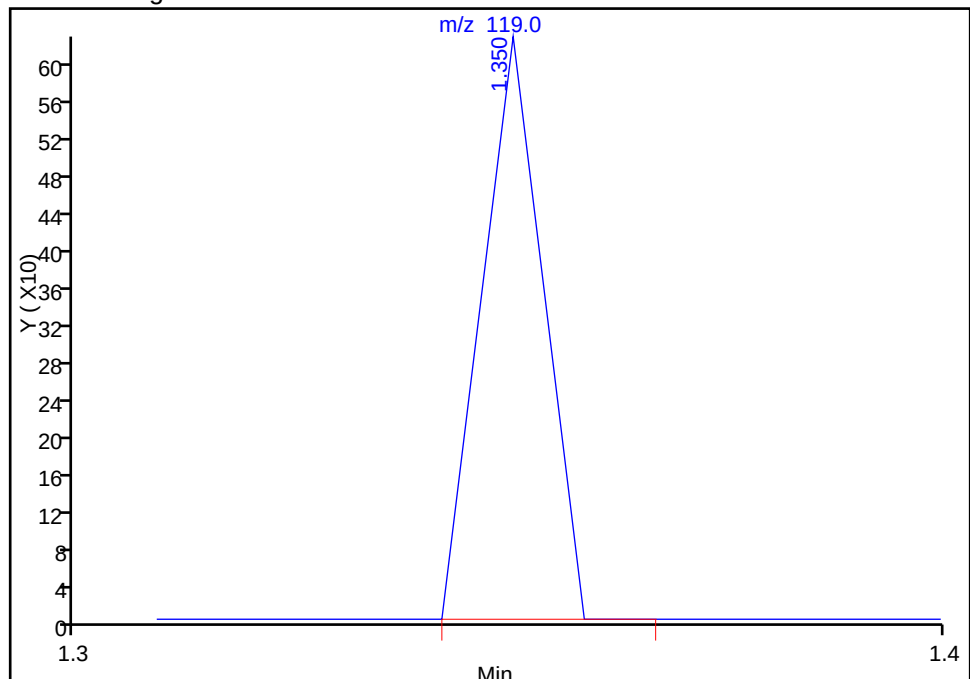
Not Detected
Expected RT: 1.36

Processing Integration Results



RT: 1.35
Area: 311
Amount: 0.602958
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 07-Jul-2016 20:05:55
Audit Action: Assigned Compound ID

Audit Reason: Missed Peak

TestAmerica Edison

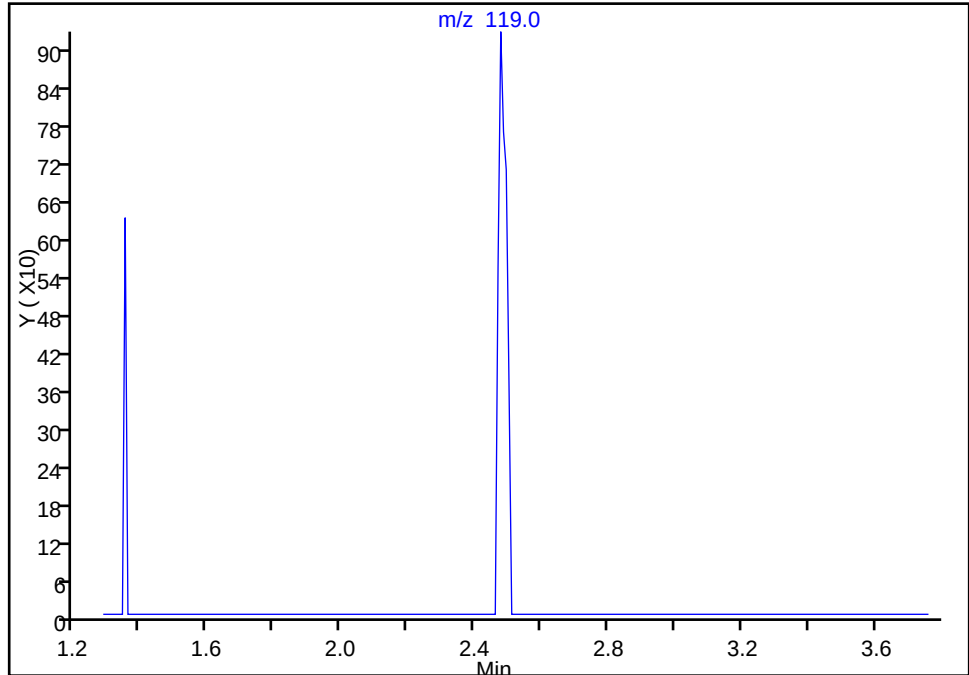
Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\45685.D
Injection Date: 07-Jul-2016 03:38:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL ALS Bottle#: 3 Worklist Smp#: 3
Method: OLM04.2LLW7 Dil. Factor: 1.0000
Column: Rtx-624 (0.25 mm) Limit Group: VOA OLM04.2 LL Water ICAL
Detector MS SCAN

13 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

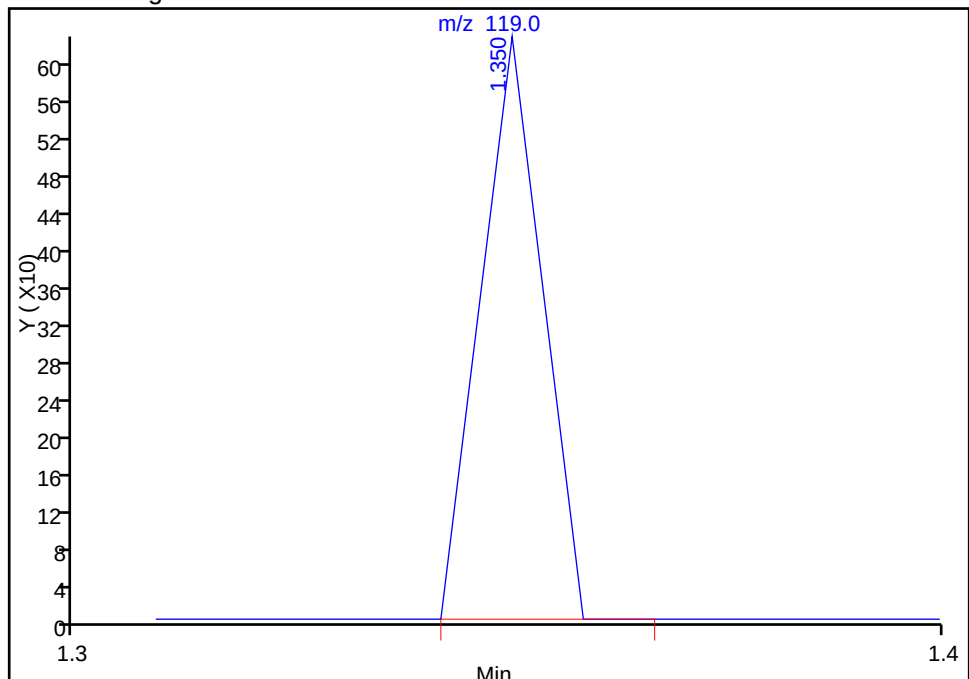
Not Detected
Expected RT: 1.36

Processing Integration Results



Manual Integration Results

RT: 1.35
Area: 311
Amount: 0.602958
Amount Units: ug/l



Reviewer: boykink, 07-Jul-2016 20:05:55

Audit Action: Manually Integrated

Audit Reason: Missed Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45686.D
 Lims ID: STD20
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 07-Jul-2016 04:02:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0042999-004
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:33 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 04:32:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	83	10245	20.0	20.8	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	72	22234	20.0	20.0	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	84	26271	20.0	17.8	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	93	89850	20.0	18.5	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	97	72033	20.0	20.4	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	98	123774	20.0	18.1	
39 Chloromethane	50	1.655	1.655	0.000	99	113321	20.0	19.3	
12 Vinyl chloride	62	1.729	1.737	-0.008	99	93368	20.0	18.2	
65 Bromomethane	94	2.001	2.000	0.001	95	52128	20.0	18.5	
23 Chloroethane	64	2.075	2.075	0.001	99	62103	20.0	18.2	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	164226	20.0	21.4	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	91	89271	20.0	18.5	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	106669	20.0	18.5	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	94	84175	20.0	22.0	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	74017	20.0	18.1	
14 Acetone	43	2.700	2.700	0.000	83	29599	20.0	13.5	
3 Carbon disulfide	76	2.791	2.790	0.001	99	238058	20.0	18.0	
50 Methyl acetate	43	2.906	2.906	0.000	99	89758	20.0	20.5	
40 Methylene Chloride	84	3.005	3.004	0.001	90	107120	20.0	19.8	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	320273	20.0	19.9	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	96	92807	20.0	19.1	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	165287	20.0	20.0	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	106133	20.0	19.8	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	45367	20.0	17.8	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	138463	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	98	184123	20.0	19.5	
8 Cyclohexane	56	4.231	4.231	0.000	88	122019	20.0	20.5	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	96	160199	20.0	17.9	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	103286	20.0	16.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.510	0.001	97	386776	20.0	19.4	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	87918	20.0	19.2	
43 1,2-Dichloroethane	62	4.576	4.568	0.008	99	156710	20.0	20.1	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	807094	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	109068	20.0	18.5	
55 Methylcyclohexane	83	5.029	5.029	0.000	95	134752	20.0	21.1	
58 1,2-Dichloropropane	63	5.136	5.128	0.008	88	94620	20.0	19.0	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	145974	20.0	19.5	
10 cis-1,3-Dichloropropene	75	5.589	5.589	0.000	93	158031	20.0	18.9	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	96	93230	20.0	19.3	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	226769	20.0	20.0	
30 Toluene	91	5.770	5.770	0.000	94	421526	20.0	20.0	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	96	155177	20.0	19.1	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	104353	20.0	19.8	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	85936	20.0	17.2	
7 2-Hexanone	43	6.181	6.181	0.000	96	61702	20.0	19.2	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	137982	20.0	19.6	
48 Ethylene Dibromide	107	6.371	6.370	0.000	100	109587	20.0	20.2	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	749292	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	298033	20.0	19.8	
62 Ethylbenzene	106	6.667	6.667	0.000	96	143373	20.0	19.4	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	358723	20.0	39.6	
25 o-Xylene	106	6.971	6.971	0.000	95	176854	20.0	19.5	
17 Styrene	104	6.988	6.988	0.000	95	307813	20.0	19.7	
51 Bromoform	173	7.128	7.128	0.000	99	108631	20.0	19.3	
42 Isopropylbenzene	105	7.169	7.169	0.000	95	451318	20.0	20.9	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	130518	20.0	18.2	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	96	138298	20.0	20.3	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	240697	20.0	21.0	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	96	241723	20.0	20.4	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	99	236482	20.0	20.7	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	26020	20.0	19.4	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	115597	20.0	19.2	
S 9 Xylenes, Total	106				0	176854	20.0	19.5	

Reagents:

VMC4.2SU_00111	Amount Added: 1.00	Units: uL	
VMC4.2Oi_00109	Amount Added: 1.00	Units: uL	
VMCLPFREOW_00107	Amount Added: 1.00	Units: uL	
VMC4.2_00127	Amount Added: 1.00	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45686.D

Injection Date: 07-Jul-2016 04:02:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD20

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

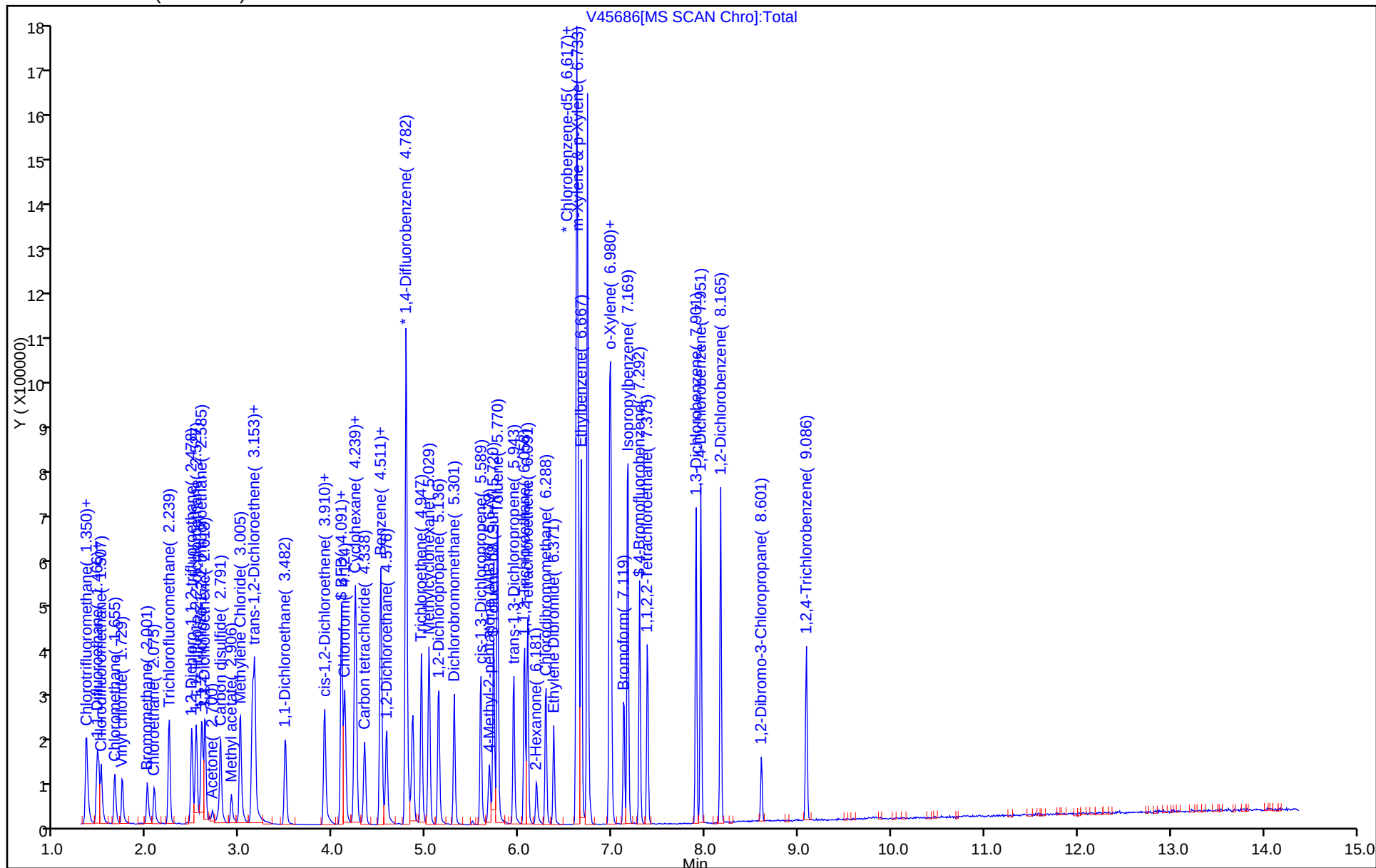
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45687.D
 Lims ID: STD100
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 07-Jul-2016 04:26:30 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD100
 Misc. Info.: 460-0042999-005
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:35 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 04:53:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	86	58657	100.0	115.1	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	67	131910	100.0	114.7	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	84	165532	100.0	108.8	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	509979	100.0	101.6	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	354694	100.0	97.2	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	652016	100.0	92.3	
39 Chloromethane	50	1.655	1.655	0.000	99	587547	100.0	97.2	
12 Vinyl chloride	62	1.729	1.737	-0.008	99	516686	100.0	97.5	
65 Bromomethane	94	2.001	2.000	0.001	97	290404	100.0	100.0	
23 Chloroethane	64	2.075	2.075	0.001	100	335384	100.0	95.3	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	803504	100.0	101.7	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	499532	100.0	100.2	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	602569	100.0	101.2	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	94	421456	100.0	106.5	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	97	424499	100.0	100.3	
14 Acetone	43	2.700	2.700	0.000	86	193253	100.0	85.7	
3 Carbon disulfide	76	2.791	2.790	0.001	100	1319747	100.0	96.5	
50 Methyl acetate	43	2.906	2.906	0.000	99	454113	100.0	100.6	
40 Methylene Chloride	84	2.996	3.004	-0.008	92	533501	100.0	95.7	
59 Methyl tert-butyl ether	73	3.128	3.136	-0.008	96	1747198	100.0	105.0	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	96	487990	100.0	97.0	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	839315	100.0	98.2	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	561425	100.0	101.3	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	269053	100.0	102.2	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	77	142923	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	99	975411	100.0	99.9	
8 Cyclohexane	56	4.231	4.231	0.000	89	672826	100.0	109.1	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	908332	100.0	97.8	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	696970	100.0	106.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.510	0.001	97	2061520	100.0	100.1	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	512290	100.1	108.3	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	816972	100.0	101.5	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	835310	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	97	606148	100.0	99.3	
55 Methylcyclohexane	83	5.029	5.029	0.000	94	728965	100.0	110.1	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	87	511934	100.0	99.5	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	791589	100.0	102.2	
10 cis-1,3-Dichloropropene	75	5.580	5.589	-0.009	93	912194	100.0	105.4	
45 4-Methyl-2-pentanone (MIBK	43	5.671	5.679	-0.008	96	535042	100.0	101.4	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	1316534	100.0	105.8	
30 Toluene	91	5.762	5.770	-0.008	93	2339579	100.0	101.6	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	97	893491	100.0	106.5	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	565269	100.0	103.6	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	523268	100.0	95.6	
7 2-Hexanone	43	6.181	6.181	0.000	95	362722	100.0	103.0	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	776419	100.0	100.8	
48 Ethylene Dibromide	107	6.371	6.370	0.001	99	601774	100.0	101.5	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	820467	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	1632569	100.0	99.1	
62 Ethylbenzene	106	6.667	6.667	0.000	97	805675	100.0	99.4	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	2064715	100.0	208.2	
25 o-Xylene	106	6.971	6.971	0.000	94	1036112	100.0	104.5	
17 Styrene	104	6.980	6.988	-0.008	96	1828585	100.0	107.0	
51 Bromoform	173	7.119	7.128	-0.009	98	626450	100.0	107.8	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	2484387	100.0	105.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	791633	100.0	100.7	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	96	745392	100.0	99.7	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	1318391	100.0	104.8	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	97	1366724	100.0	105.5	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	98	1291068	100.0	103.3	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	94	147710	100.0	100.5	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	684654	100.0	103.7	
S 9 Xylenes, Total	106				0	1036112	100.0	104.5	

Reagents:

VMC4.2SU_00111

Amount Added: 5.00

Units: uL

VMC4.2Oi_00109

Amount Added: 5.00

Units: uL

VMCLPFREOW_00107

Amount Added: 5.00

Units: uL

VMC4.2_00127

Amount Added: 5.00

Units: uL

VMC4.2ISi_00116

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45687.D

Injection Date: 07-Jul-2016 04:26:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD100

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

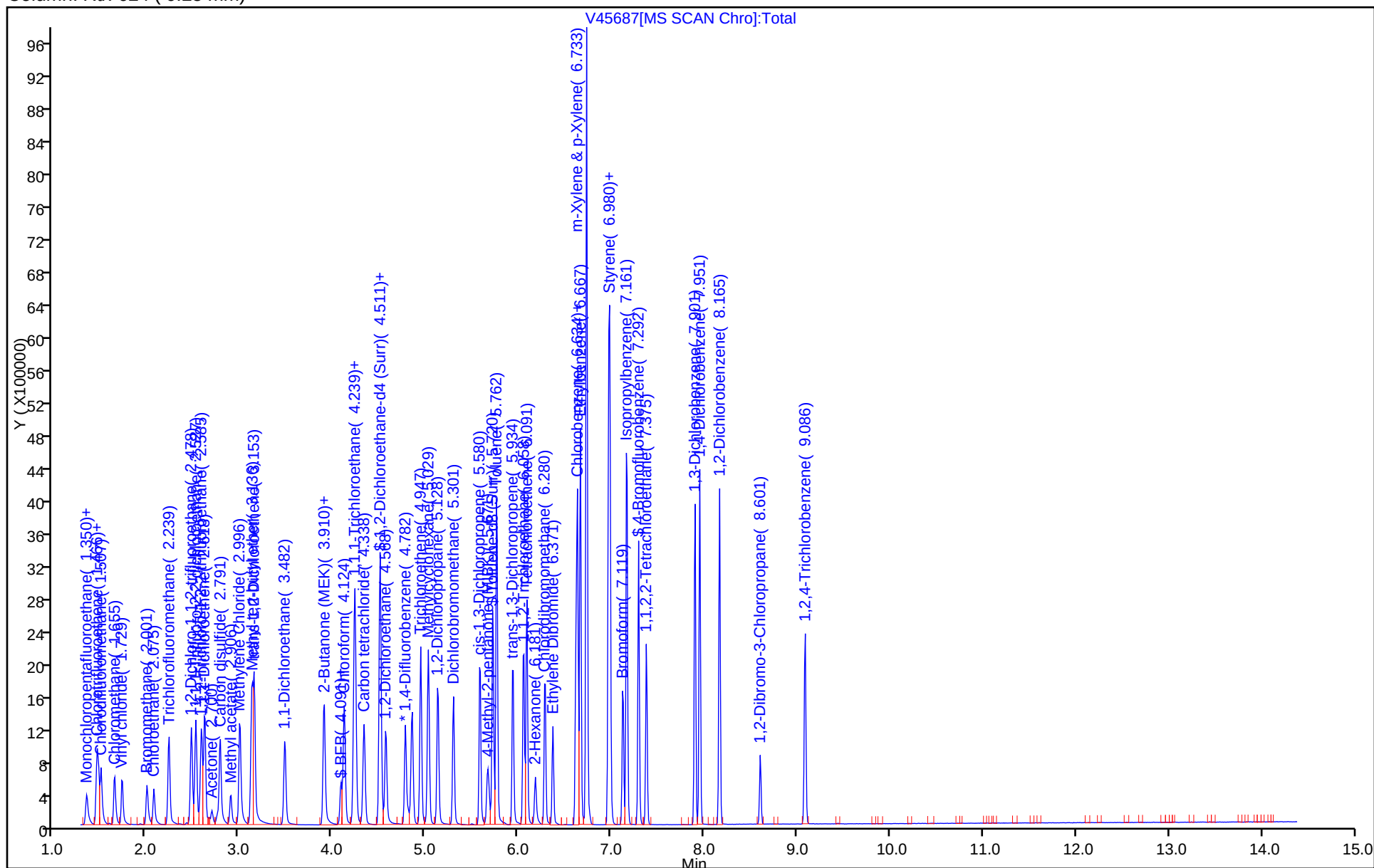
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45688.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 07-Jul-2016 04:51:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0042999-006
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:36 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 05:13:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	89	119732	200.0	234.9	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	64	261980	200.0	227.8	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	84	350222	200.0	230.2	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	1033302	200.0	205.9	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	676914	200.0	185.5	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	1329088	200.0	188.2	
39 Chloromethane	50	1.655	1.655	0.000	100	1229057	200.0	203.2	
12 Vinyl chloride	62	1.729	1.737	-0.008	99	1136298	200.0	214.5	
65 Bromomethane	94	2.001	2.000	0.001	99	644245	200.0	221.8	
23 Chloroethane	64	2.075	2.075	0.001	100	695203	200.0	197.5	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	100	1444173	200.0	182.7	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	995997	200.0	199.7	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	1206066	200.0	202.5	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	95	753391	200.0	190.3	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	895297	200.0	211.5	
14 Acetone	43	2.700	2.700	0.000	85	372185	200.0	164.9	
3 Carbon disulfide	76	2.791	2.790	0.001	100	2692906	200.0	196.9	
50 Methyl acetate	43	2.898	2.906	-0.008	99	909734	200.0	201.4	
40 Methylene Chloride	84	2.996	3.004	-0.008	91	1051670	200.0	188.7	
59 Methyl tert-butyl ether	73	3.128	3.136	-0.008	96	3464729	200.0	208.1	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	96	1015594	200.0	201.9	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	1714769	200.0	200.7	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	100	1153964	200.0	208.1	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	539612	200.0	204.9	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	79	142950	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	99	1955797	200.0	200.2	
8 Cyclohexane	56	4.231	4.231	0.000	90	1221928	200.0	196.3	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	1876987	200.0	200.4	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	1508161	200.0	229.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.510	0.001	97	4245708	200.0	204.2	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	1044133	200.1	220.8	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	1625397	200.0	201.8	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	842758	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	96	1229524	200.0	199.7	
55 Methylcyclohexane	83	5.029	5.029	0.000	94	1294399	200.0	193.8	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	88	1028716	200.0	198.2	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	1587796	200.0	203.1	
10 cis-1,3-Dichloropropene	75	5.581	5.589	-0.008	93	1847837	200.0	211.6	
45 4-Methyl-2-pentanone (MIBK	43	5.663	5.679	-0.016	96	1109592	200.0	210.8	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	2646801	200.1	213.3	
30 Toluene	91	5.762	5.770	-0.008	93	4790510	200.0	208.5	
24 trans-1,3-Dichloropropene	75	5.943	5.942	0.001	97	1832520	200.0	216.5	
35 1,1,2-Trichloroethane	97	6.050	6.058	-0.008	94	1137809	200.0	206.7	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	1104931	200.0	202.3	
7 2-Hexanone	43	6.173	6.181	-0.008	96	771404	200.0	219.7	
32 Chlorodibromomethane	129	6.280	6.288	-0.008	98	1573404	200.0	204.7	
48 Ethylene Dibromide	107	6.371	6.370	0.001	99	1215382	200.0	205.5	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	818346	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	96	3283505	200.0	199.9	
62 Ethylbenzene	106	6.667	6.667	0.000	97	1661730	200.0	205.6	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	4314409	200.0	436.1	
25 o-Xylene	106	6.971	6.971	0.000	94	2122666	200.0	214.6	
17 Styrene	104	6.988	6.988	0.000	96	3735852	200.0	219.2	
51 Bromoform	173	7.120	7.128	-0.008	99	1286133	200.0	219.4	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	4702560	200.0	199.2	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	1572345	200.1	200.5	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.374	0.001	97	1541999	200.0	206.8	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	2546704	200.0	203.0	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.001	97	2644703	200.0	204.8	
2 1,2-Dichlorobenzene	146	8.165	8.164	0.001	99	2515958	200.0	201.8	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	298967	200.0	204.0	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	94	1328370	200.0	201.7	
S 9 Xylenes, Total	106				0	2122666	200.0	214.6	

Reagents:

VMC4.2SU_00111	Amount Added: 10.00	Units: uL	
VMC4.2Oi_00109	Amount Added: 10.00	Units: uL	
VMCLPFREOW_00107	Amount Added: 10.00	Units: uL	
VMC4.2_00127	Amount Added: 10.00	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45688.D

Injection Date: 07-Jul-2016 04:51:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD200

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

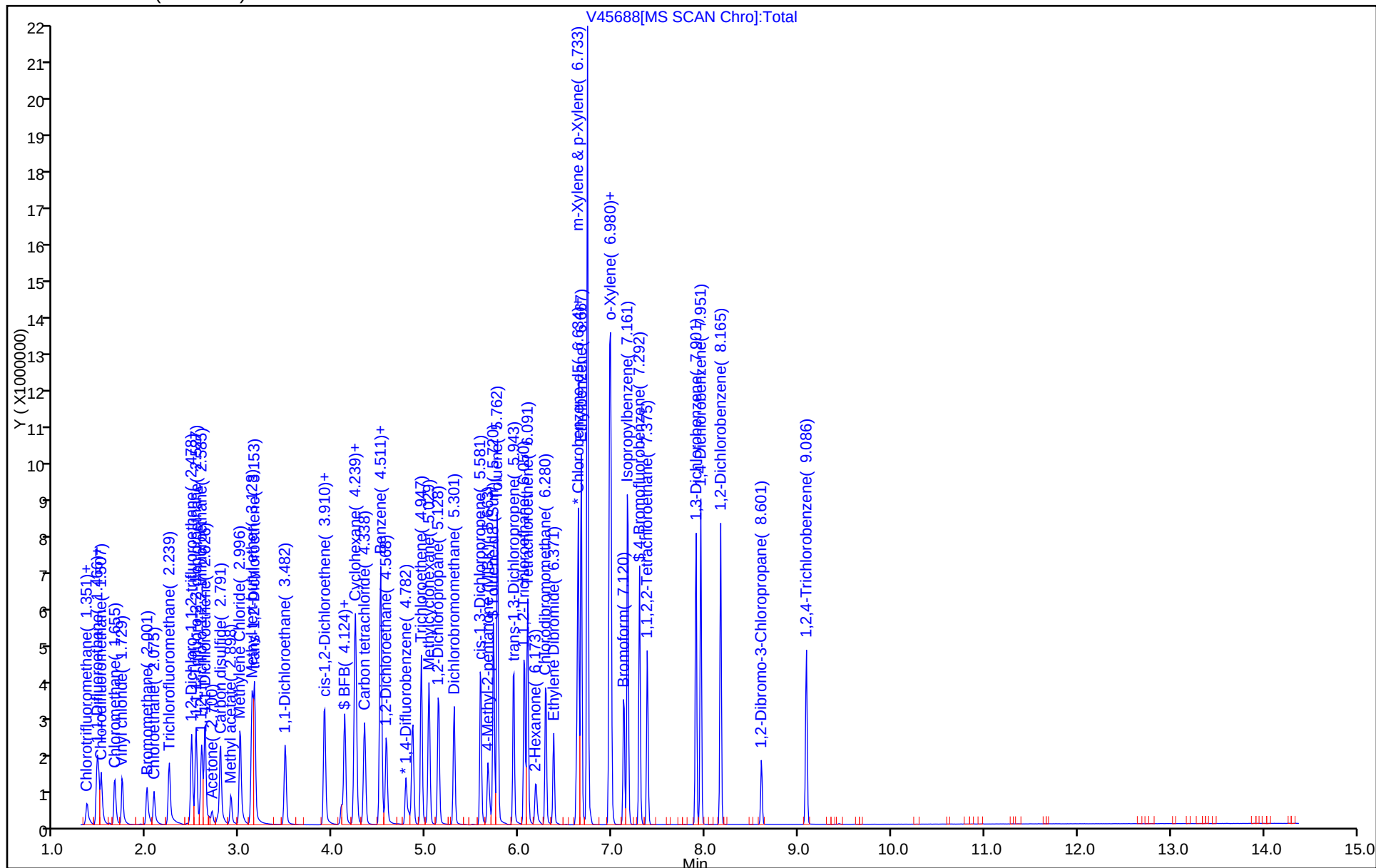
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Lims ID: STD50
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 07-Jul-2016 06:17:30 ALS Bottle#: 9 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0042999-009
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 11:40:39 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: baronm

Date: 14-Jul-2016 11:29:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	85	25262	50.0	51.7	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	64	52618	50.0	47.7	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	84	71080	50.0	48.7	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	221838	50.0	46.1	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	99	167591	50.0	47.9	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	98	286162	50.0	42.3	
39 Chloromethane	50	1.655	1.655	0.000	99	271838	50.0	46.9	
12 Vinyl chloride	62	1.737	1.737	0.000	99	250061	50.0	49.2	
65 Bromomethane	94	2.000	2.000	0.000	98	147094	50.0	52.8	
23 Chloroethane	64	2.075	2.075	0.000	100	159421	50.0	47.2	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	369188	50.0	48.7	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	213761	50.0	44.7	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	267314	50.0	46.8	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	93	185245	50.0	48.8	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	99	206544	50.0	50.9	
14 Acetone	43	2.700	2.700	0.000	86	77549	50.0	35.8	
3 Carbon disulfide	76	2.790	2.790	0.000	100	629541	50.0	48.0	
50 Methyl acetate	43	2.906	2.906	0.000	99	215968	50.0	49.9	
40 Methylene Chloride	84	3.004	3.004	0.000	93	259321	50.0	48.5	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	820268	50.0	51.4	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	96	234915	50.0	48.7	
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	399976	50.0	48.8	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	100	264113	50.0	49.7	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	122734	50.0	48.6	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	80	137080	50.0	50.0	
\$ 36 BFB									
31 Chloroform	83	4.124	4.124	0.000	99	459121	50.0	49.0	
8 Cyclohexane	56	4.231	4.231	0.000	89	303221	50.0	51.6	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	419597	50.0	47.4	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	305950	50.0	49.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.510	4.510	0.000	96	956159	50.0	48.7	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	189628	50.0	41.8	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	387268	50.0	50.1	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	796500	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	96	275713	50.0	47.4	
55 Methylcyclohexane	83	5.029	5.029	0.000	93	327794	50.0	51.9	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	87	232550	50.0	47.4	
20 Dichlorobromomethane	83	5.301	5.301	0.000	98	368773	50.0	49.9	
10 cis-1,3-Dichloropropene	75	5.589	5.589	0.000	92	418856	50.0	50.8	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	96	244636	50.0	49.5	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	527563	50.0	45.3	
30 Toluene	91	5.770	5.770	0.000	93	1041896	50.0	48.3	
24 trans-1,3-Dichloropropene	75	5.942	5.942	0.000	96	398353	50.0	49.8	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	257781	50.0	49.5	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	224367	50.0	43.7	
7 2-Hexanone	43	6.181	6.181	0.000	96	162572	50.0	49.3	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	350180	50.0	48.5	
48 Ethylene Dibromide	107	6.370	6.370	0.000	99	280847	50.0	50.5	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	85	768781	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	742229	50.0	48.1	
62 Ethylbenzene	106	6.667	6.667	0.000	97	356743	50.0	47.0	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	909634	50.0	97.9	
25 o-Xylene	106	6.971	6.971	0.000	94	454875	50.0	48.9	
17 Styrene	104	6.988	6.988	0.000	96	805385	50.0	50.3	
51 Bromoform	173	7.128	7.128	0.000	98	282771	50.0	51.0	
42 Isopropylbenzene	105	7.169	7.169	0.000	95	1155317	50.0	52.1	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	359929	50.0	48.9	
29 1,1,2,2-Tetrachloroethane	83	7.374	7.374	0.000	96	346999	50.0	49.5	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	98	623230	50.0	52.9	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.000	97	638629	50.0	52.6	
2 1,2-Dichlorobenzene	146	8.164	8.164	0.000	98	611043	50.0	52.2	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	93	67355	50.0	48.9	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	318728	50.0	51.5	
S 9 Xylenes, Total	106				0	454875	50.0	48.9	

Reagents:

VMC4.2SU_00111	Amount Added: 2.50	Units: uL	
VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2_00127	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-42999.b\\V45691.D

Injection Date: 07-Jul-2016 06:17:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STD50

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

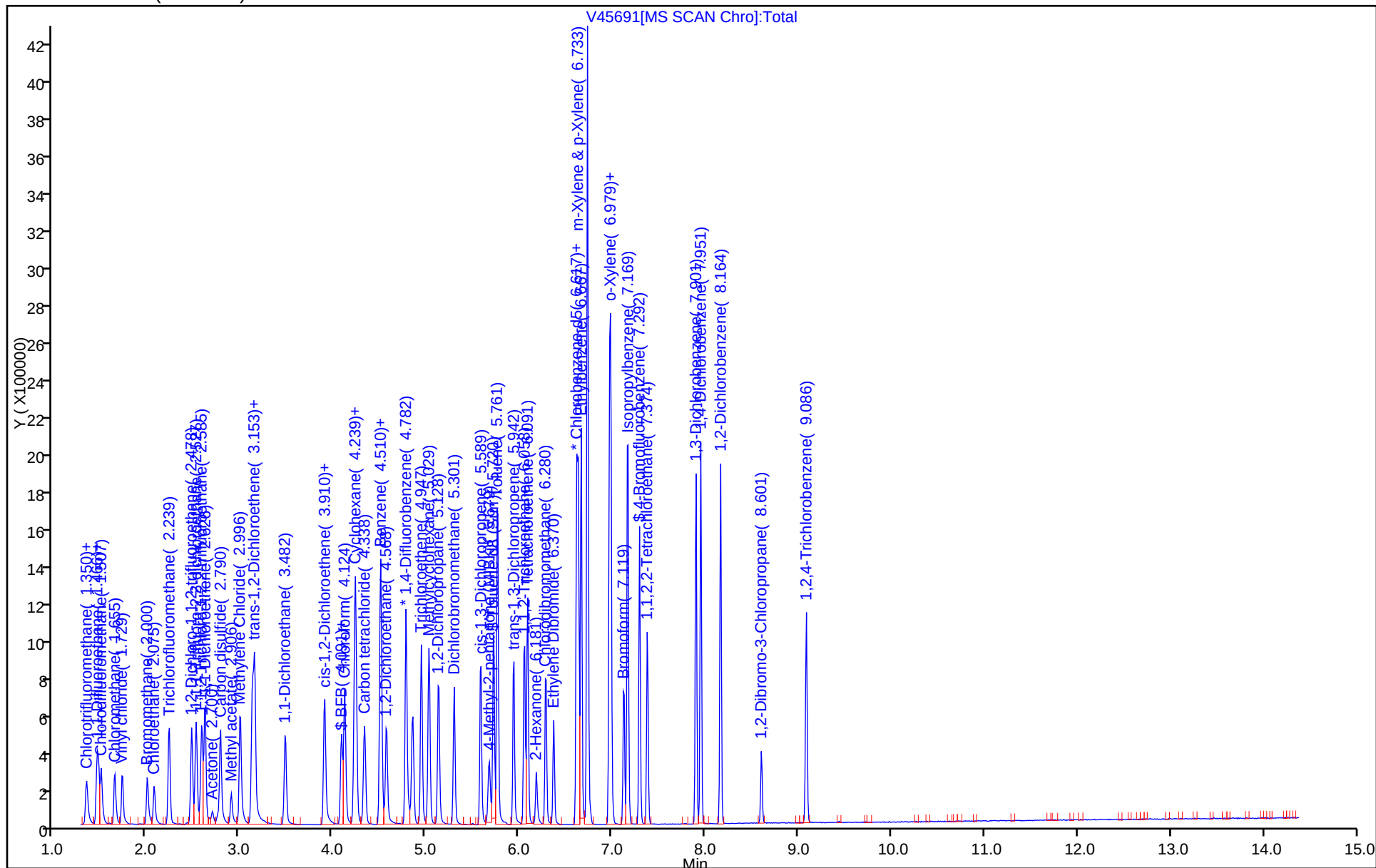
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-116438-1

SDG No.: _____

Lab Sample ID: CCVIS 460-377886/2 Calibration Date: 07/07/2016 20:10

Instrument ID: CVOAMS7 Calib Start Date: 07/07/2016 03:38

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/07/2016 06:17

Lab File ID: V45714.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
Chlorotrifluoromethane	Ave	0.4023	0.4923		61.2	50.0	22.4	
Monochloropentafluoroethane	Ave	0.1783	0.2408		67.6	50.0	35.1	
Chlorotrifluoroethene	Ave	0.5322	0.6620		62.2	50.0	24.4	
1,1-Difluoroethane	Ave	1.755	1.749		49.8	50.0	-0.4	
Dichlorodifluoromethane	Ave	1.276	1.310	0.0100	51.3	50.0	2.7	
Chlorodifluoromethane	Ave	2.470	2.413		48.9	50.0	-2.3	
Chloromethane	Ave	2.115	1.944	0.0100	45.9	50.0	-8.1	
Vinyl chloride	Ave	1.853	1.804	0.1000	48.7	50.0	-2.6	25.0
Bromomethane	Ave	1.016	1.082	0.1000	53.3	50.0	6.5	25.0
Chloroethane	Ave	1.231	1.114	0.0100	45.2	50.0	-9.6	
Trichlorofluoromethane	Ave	2.765	3.056	0.0100	55.3	50.0	10.5	
1,2-Dichloro-1,1,2-trifluoroethane	Ave	1.745	1.815		52.0	50.0	4.0	
1,1,1-Trifluoro-2,2-dichloroethane	Ave	2.083	2.212		53.1	50.0	6.2	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.385	1.591	0.0100	57.4	50.0	14.9	
1,1-Dichloroethene	Ave	1.481	1.532	0.1000	51.7	50.0	3.5	25.0
Acetone	Ave	0.7892	0.6766	0.0100	41.3	50.0	-14.3	
Carbon disulfide	Ave	4.784	4.847	0.0100	50.7	50.0	1.3	
Methyl acetate	Ave	1.580	1.448	0.0100	46.0	50.0	-8.4	
Methylene Chloride	Ave	1.950	1.890	0.0100	48.5	50.0	-3.0	
Methyl tert-butyl ether	Ave	5.823	5.988	0.0100	51.4	50.0	2.8	
trans-1,2-Dichloroethene	Ave	1.759	1.803	0.0100	51.3	50.0	2.5	
1,1-Dichloroethane	Ave	2.989	2.802	0.2000	46.9	50.0	-6.3	25.0
cis-1,2-Dichloroethene	Ave	1.939	1.915	0.0100	49.4	50.0	-1.2	
2-Butanone (MEK)	Ave	0.9212	0.8167	0.0100	44.3	50.0	-11.3	
Chloroform	Ave	3.417	3.303	0.2000	48.3	50.0	-3.3	25.0
Cyclohexane	Ave	0.3692	0.3997	0.0100	54.1	50.0	8.2	
1,1,1-Trichloroethane	Ave	0.5558	0.5614	0.1000	50.5	50.0	1.0	25.0
Carbon tetrachloride	Ave	0.3902	0.4380	0.1000	56.3	50.0	12.2	25.0
Benzene	Ave	1.233	1.188	0.5000	48.1	50.0	-3.7	25.0
1,2-Dichloroethane	Ave	2.817	2.745	0.1000	48.7	50.0	-2.5	25.0
Trichloroethene	Ave	0.3653	0.3620	0.3000	49.5	50.0	-0.9	25.0
Methylcyclohexane	Ave	0.3964	0.4716	0.0100	59.5	50.0	19.0	
1,2-Dichloropropane	Ave	0.3079	0.2797	0.0100	45.4	50.0	-9.2	
Dichlorobromomethane	Ave	0.4638	0.4642	0.2000	50.0	50.0	0.0	25.0
cis-1,3-Dichloropropene	Ave	0.5181	0.5181	0.2000	50.0	50.0	0.0	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3217	0.2928	0.0100	45.5	50.0	-9.0	
Toluene	Ave	1.404	1.378	0.4000	49.1	50.0	-1.8	25.0
trans-1,3-Dichloropropene	Ave	0.5022	0.5031	0.1000	50.1	50.0	0.2	25.0
1,1,2-Trichloroethane	Ave	0.3266	0.3202	0.1000	49.0	50.0	-2.0	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-116438-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-377886/2 Calibration Date: 07/07/2016 20:10
 Instrument ID: CVOAMS7 Calib Start Date: 07/07/2016 03:38
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/07/2016 06:17
 Lab File ID: V45714.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
Tetrachloroethene	Ave	0.3337	0.3354	0.2000	50.3	50.0	0.5	25.0
2-Hexanone	Ave	0.2145	0.1939	0.0100	45.2	50.0	-9.6	
Chlorodibromomethane	Ave	0.4696	0.4706	0.1000	50.1	50.0	0.2	25.0
Ethylene Dibromide	Ave	0.3613	0.3685	0.0100	51.0	50.0	2.0	
Chlorobenzene	Ave	1.004	0.9590	0.5000	47.8	50.0	-4.5	25.0
Ethylbenzene	Ave	0.4939	0.4794	0.1000	48.5	50.0	-2.9	25.0
m-Xylene & p-Xylene	Ave	1.237	1.210	0.3000	100	50.0	-2.2	
o-Xylene	Ave	0.6045	0.5960	0.3000	49.3	50.0	-1.4	
Styrene	Ave	1.041	1.034	0.3000	49.7	50.0	-0.7	25.0
Bromoform	Ave	0.3478	0.3681	0.1000	52.9	50.0	5.8	25.0
Isopropylbenzene	Ave	1.442	1.550	0.0100	53.7	50.0	7.5	
1,1,2,2-Tetrachloroethane	Ave	0.4556	0.4311	0.3000	47.3	50.0	-5.4	25.0
1,3-Dichlorobenzene	Ave	0.7667	0.8400	0.6000	54.8	50.0	9.6	25.0
1,4-Dichlorobenzene	Ave	0.7891	0.8618	0.5000	54.6	50.0	9.2	25.0
1,2-Dichlorobenzene	Ave	0.7619	0.8194	0.4000	53.8	50.0	7.5	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0895	0.0908	0.0100	50.7	50.0	1.5	
1,2,4-Trichlorobenzene	Ave	0.4024	0.4458	0.2000	54.4	50.0	10.8	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.654	1.463	0.0100	44.3	50.0	-11.5	
Toluene-d8 (Surr)	Ave	0.7580	0.6635	0.0100	43.8	50.0	-12.5	
4-Bromofluorobenzene	Ave	0.4792	0.4860	0.2000	50.7	50.0	1.4	25.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45714.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 07-Jul-2016 20:10:30 ALS Bottle#: 2 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0043044-002
 Operator ID: Instrument ID: CVOAMS7
 Sublist: chrom-OLM04.2LLW7*sub12
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 12-Jul-2016 23:56:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	87	30991	50.0	67.6	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	66	63354	50.0	61.2	
56 Chlorotrifluoroethene	116	1.457	1.457	0.000	92	85184	50.0	62.2	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	93	225080	50.0	49.8	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	168613	50.0	51.3	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	98	310572	50.0	48.9	
39 Chloromethane	50	1.655	1.655	0.000	99	250170	50.0	45.9	
12 Vinyl chloride	62	1.737	1.737	0.000	99	232201	50.0	48.7	
65 Bromomethane	94	2.001	2.001	0.000	98	139255	50.0	53.3	
23 Chloroethane	64	2.075	2.075	0.000	100	143298	50.0	45.2	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	393222	50.0	55.3	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	90	233599	50.0	52.0	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	284599	50.0	53.1	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	96	204701	50.0	57.4	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	99	197156	50.0	51.7	
14 Acetone	43	2.700	2.700	0.000	85	87072	50.0	41.3	
3 Carbon disulfide	76	2.791	2.791	0.000	100	623707	50.0	50.7	
50 Methyl acetate	43	2.906	2.906	0.000	99	186314	50.0	46.0	
40 Methylene Chloride	84	3.005	3.005	0.000	89	243272	50.0	48.5	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	770530	50.0	51.4	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	94	232081	50.0	51.3	
\$ 36 BFB									
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	360538	50.0	46.9	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	246461	50.0	49.4	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	98	105103	50.0	44.3	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	76	128686	50.0	50.0	
31 Chloroform	83	4.124	4.124	0.000	99	425102	50.0	48.3	
8 Cyclohexane	56	4.231	4.231	0.000	88	293234	50.0	54.1	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	411922	50.0	50.5	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	321362	50.0	56.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Benzene	78	4.511	4.511	0.000	96	871331	50.0	48.1	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	188447	50.0	44.3	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	353250	50.0	48.7	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	733696	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	265566	50.0	49.5	
55 Methylcyclohexane	83	5.029	5.029	0.000	93	346002	50.0	59.5	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	87	205221	50.0	45.4	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	340585	50.0	50.0	
10 cis-1,3-Dichloropropene	75	5.580	5.580	0.000	92	380106	50.0	50.0	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	95	208362	50.0	45.5	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	472376	50.0	43.8	
30 Toluene	91	5.762	5.762	0.000	93	980934	50.0	49.1	
24 trans-1,3-Dichloropropene	75	5.943	5.943	0.000	96	369144	50.0	50.1	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	94	234894	50.0	49.0	
46 Tetrachloroethene	164	6.091	6.091	0.000	96	238715	50.0	50.3	
7 2-Hexanone	43	6.181	6.181	0.000	94	137977	50.0	45.2	
32 Chlorodibromomethane	129	6.288	6.288	0.000	98	334920	50.0	50.1	
48 Ethylene Dibromide	107	6.371	6.371	0.000	99	262238	50.0	51.0	
* 1 Chlorobenzene-d5	117	6.617	6.617	0.000	84	711661	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	682509	50.0	47.8	
62 Ethylbenzene	106	6.667	6.667	0.000	97	341160	50.0	48.5	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	861198	50.0	100.1	
25 o-Xylene	106	6.971	6.971	0.000	94	424114	50.0	49.3	
17 Styrene	104	6.988	6.988	0.000	96	736162	50.0	49.7	
51 Bromoform	173	7.128	7.128	0.000	98	270099	50.0	52.9	
42 Isopropylbenzene	105	7.169	7.169	0.000	95	1103289	50.0	53.7	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	345989	50.0	50.7	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.375	0.000	95	306799	50.0	47.3	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	597827	50.0	54.8	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.000	97	613295	50.0	54.6	
2 1,2-Dichlorobenzene	146	8.165	8.165	0.000	99	583114	50.0	53.8	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	91	64639	50.0	50.7	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	92	317290	50.0	54.4	
S 9 Xylenes, Total	106				0	424114	50.0	49.3	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2_00127	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45714.D

Injection Date: 07-Jul-2016 20:10:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

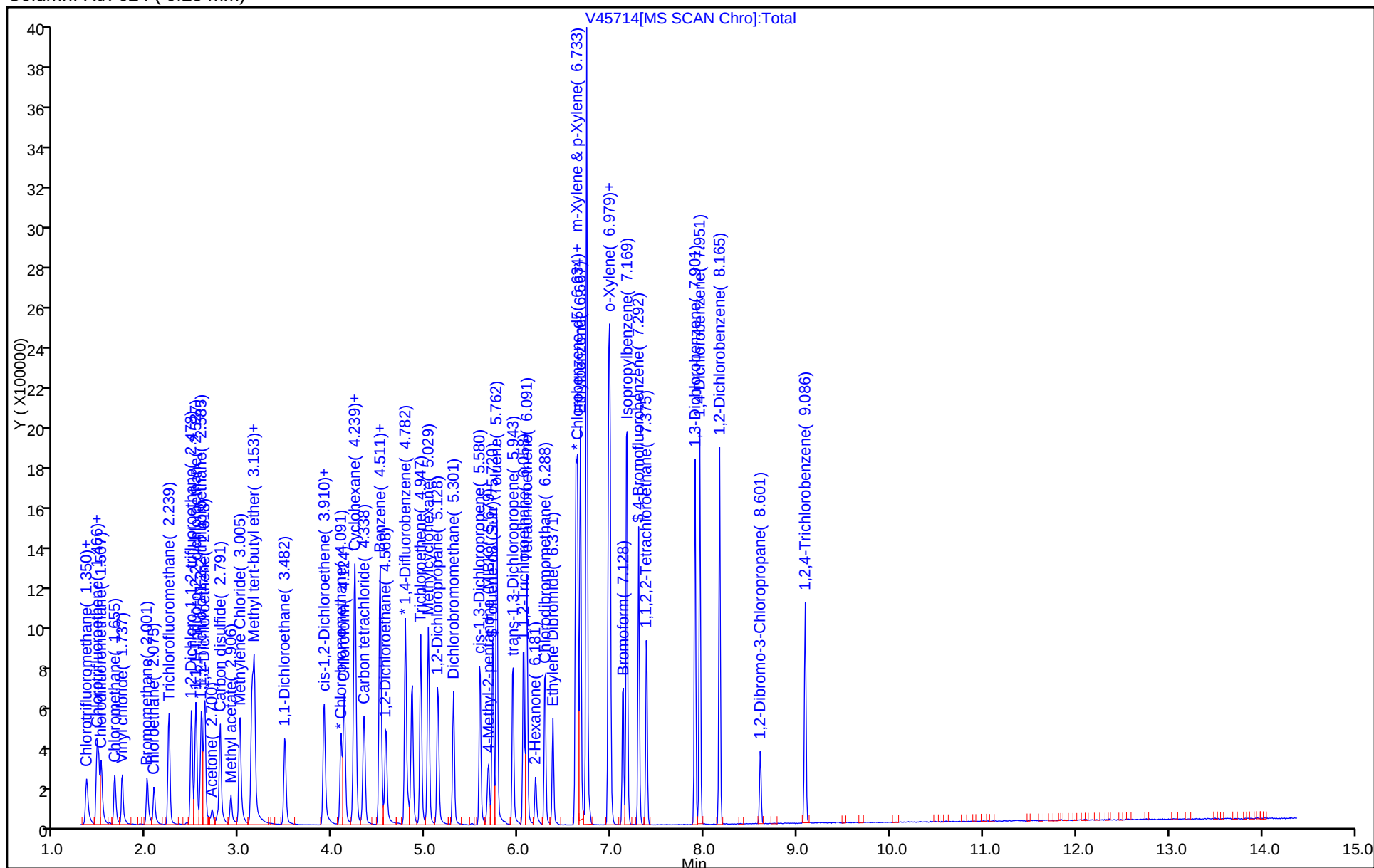
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45683.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Jul-2016 02:48:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0042999-001
Operator ID: Instrument ID: CVOAMS7
Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\OLM04.2LLW7.m
Limit Group: VOA OLM04.2 LL Water ICAL
Last Update: 07-Jul-2016 19:56:43 Calib Date: 07-Jul-2016 06:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Continuing Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 36 BFB

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

BFB_00011

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45683.D

Injection Date: 07-Jul-2016 02:48:30

Instrument ID: CVOAMS7

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 mL

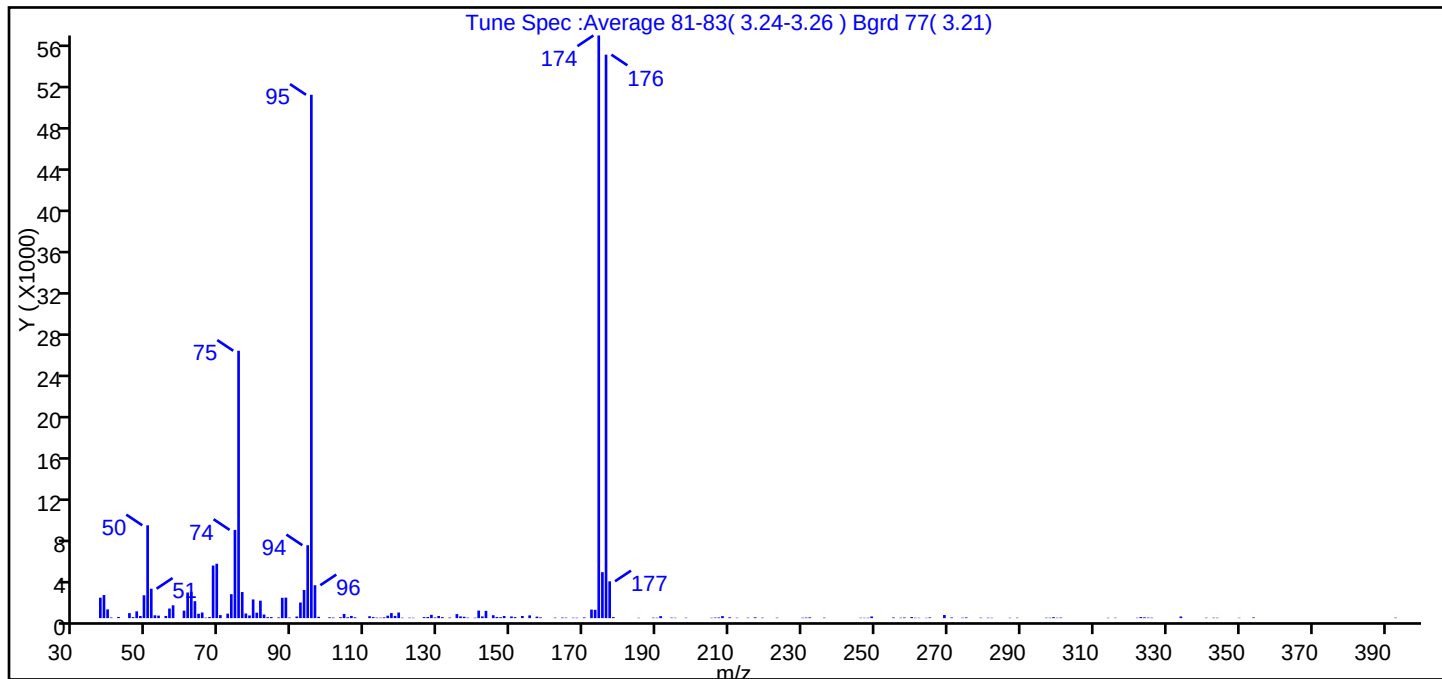
Dil. Factor: 1.0000

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Tune Method: BFB Method CLP OLM4.2

\$ 36 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	base peak, 100 percent relative abundance	100
50	8.0-40.0 percent of mass 95	17.7
75	30.0-66.0 percent of mass 95	51.1
96	5.0-9.0 percent of mass 95	6.3
173	less than 2.0 percent of mass 174	1.6 (1.4)
174	50.0-120.0 percent of mass 95	111
175	4.0-9.0 percent of mass 174	8.8 (7.9)
176	93.0-101.0 percent of mass 174	108 (96.7)
177	5.0-9.0 percent of mass 176	7.0 (6.5)

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\45683.D\OLM04.2LLW7.rslt\spectra.d
Injection Date: 07-Jul-2016 02:48:30
Spectrum: Tune Spec :Average 81-83(3.24-3.26) Bgrd 77(3.21)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 171

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1995	88.00	2001	143.00	712	232.00	78
38.00	2252	89.00	60	145.00	284	236.00	47
39.00	853	91.00	159	146.00	113	246.00	41
40.00	59	92.00	1523	147.00	87	247.00	34
42.00	118	93.00	2744	148.00	210	248.00	39
45.00	491	94.00	7112	150.00	162	249.00	163
46.00	95	95.00	51048	151.00	99	255.00	68
47.00	663	96.00	3211	153.00	210	257.00	40
48.00	208	97.00	129	155.00	270	258.00	65
49.00	2232	100.00	78	157.00	148	260.00	106
50.00	9055	101.00	58	158.00	75	261.00	41
51.00	2872	103.00	87	162.00	51	262.00	34
52.00	278	104.00	408	164.00	56	264.00	34
53.00	245	105.00	86	165.00	48	265.00	69
55.00	214	106.00	216	167.00	40	269.00	307
56.00	938	107.00	85	168.00	41	271.00	65
57.00	1254	110.00	3	170.00	71	274.00	41
60.00	733	111.00	188	172.00	834	275.00	69
61.00	2501	112.00	101	173.00	812	279.00	47
62.00	2582	113.00	50	174.00	56832	281.00	42
63.00	1654	114.00	42	175.00	4486	282.00	35
64.00	430	115.00	76	176.00	54960	287.00	37
65.00	550	116.00	242	177.00	3594	289.00	43
66.00	48	117.00	495	178.00	100	297.00	43
67.00	104	118.00	218	185.00	36	298.00	40
68.00	5128	119.00	548	189.00	48	299.00	94
69.00	5306	120.00	44	190.00	39	300.00	36
70.00	298	122.00	45	191.00	196	301.00	54
72.00	440	123.00	38	194.00	49	314.00	38
73.00	2336	126.00	99	195.00	35	316.00	41
74.00	8606	127.00	114	198.00	43	322.00	36
75.00	26080	128.00	323	205.00	39	323.00	105
76.00	2546	129.00	68	206.00	53	324.00	77

Report Date: 07-Jul-2016 19:56:43

Chrom Revision: 2.2 20-Apr-2016 13:59:46

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\45683.D\OLM04.2LLW7.rslt\spectra.d

Injection Date: 07-Jul-2016 02:48:30

Spectrum: Tune Spec :Average 81-83(3.24-3.26) Bgrd 77(3.21)

Base Peak: 174.00

Minimum % Base Peak: 0

Number of Points: 171

m/z	Y	m/z	Y	m/z	Y	m/z	Y
77.00	453	130.00	210	207.00	65	325.00	52
78.00	261	131.00	98	208.00	199	326.00	43
79.00	1825	133.00	59	210.00	81	334.00	160
80.00	534	135.00	398	212.00	40	341.00	41
81.00	1704	136.00	170	215.00	47	343.00	42
82.00	354	137.00	135	217.00	83	344.00	39
83.00	93	138.00	49	219.00	47	350.00	37
84.00	103	140.00	46	223.00	45	354.00	68
86.00	70	141.00	737	230.00	44	393.00	45
87.00	1983	142.00	165	231.00	55		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45713.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Jul-2016 19:41:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0043044-001
Operator ID: Instrument ID: CVOAMS7
Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
Limit Group: VOA OLM04.2 LL Water ICAL
Last Update: 08-Jul-2016 20:02:27 Calib Date: 07-Jul-2016 06:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Continuing Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: boykink

Date: 07-Jul-2016 19:56:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 36 BFB

\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.469	4.469	0.000	0	130	NR	NR	7

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

8 - Failed MS Tune Ratio Test

Review Flags

M - Manually Integrated

Reagents:

BFB_00011

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45713.D

Injection Date: 07-Jul-2016 19:41:30

Instrument ID: CVOAMS7

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

1.0000

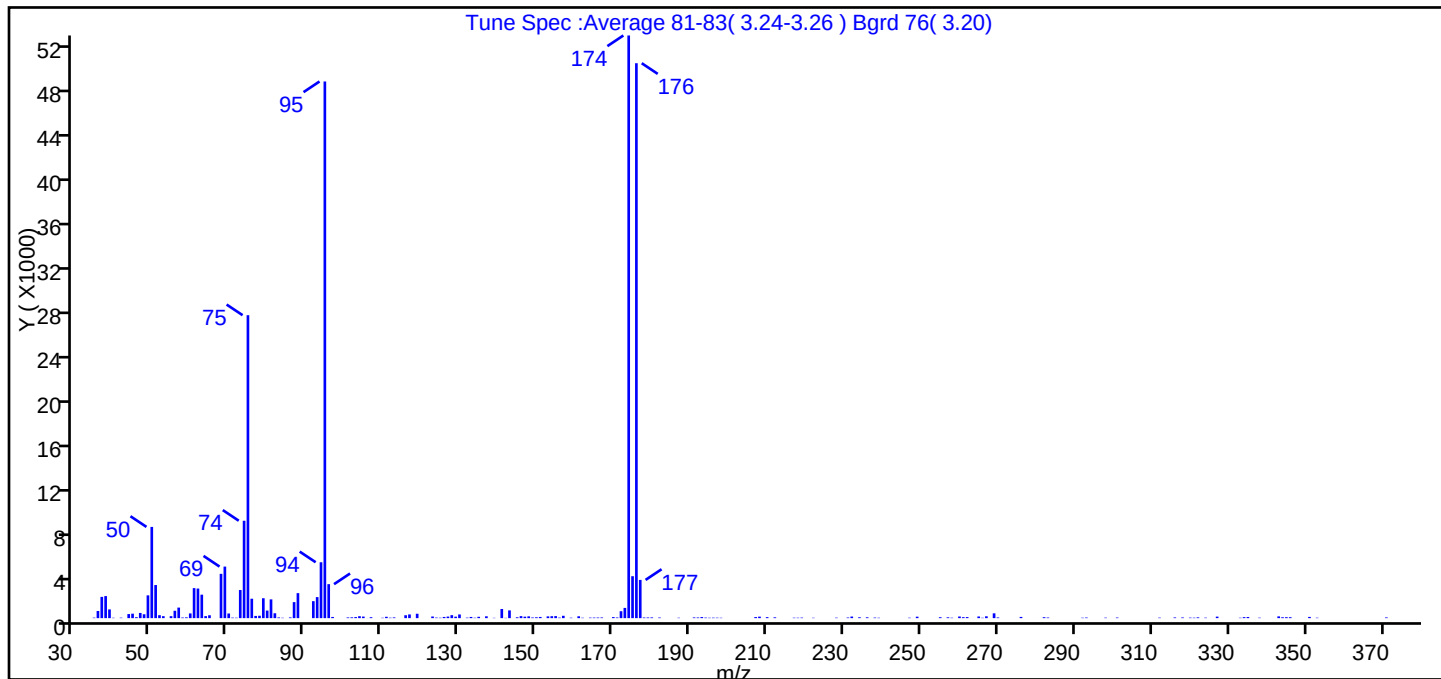
Method: OLM04.2LLW7

Limit Group:

VOA OLM04.2 LL Water ICAL

Tune Method: BFB Method CLP OLM4.2

\$ 36 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	base peak, 100 percent relative abundance	100
50	8.0-40.0 percent of mass 95	17.0
75	30.0-66.0 percent of mass 95	56.4
96	5.0-9.0 percent of mass 95	6.3
173	less than 2.0 percent of mass 174	1.9 (1.8)
174	50.0-120.0 percent of mass 95	109
175	4.0-9.0 percent of mass 174	7.8 (7.2)
176	93.0-101.0 percent of mass 174	103 (95.2)
177	5.0-9.0 percent of mass 176	7.1 (6.9)

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\45713.D\OLM04.2LLW7.rslt\spectra.d
Injection Date: 07-Jul-2016 19:41:30
Spectrum: Tune Spec :Average 81-83(3.24-3.26) Bgrd 76(3.20)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 180

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	45	86.00	65	150.00	77	232.00	143
36.00	647	87.00	1446	151.00	107	234.00	76
37.00	1918	88.00	2257	153.00	159	236.00	75
38.00	1991	92.00	1532	154.00	175	238.00	51
39.00	788	93.00	1900	155.00	184	239.00	35
40.00	34	94.00	5044	156.00	47	247.00	39
42.00	42	95.00	48440	157.00	212	249.00	131
44.00	367	96.00	3067	159.00	39	255.00	82
45.00	403	97.00	107	161.00	166	257.00	74
46.00	85	101.00	63	162.00	37	258.00	38
47.00	470	102.00	72	164.00	47	260.00	148
48.00	351	103.00	96	165.00	50	261.00	87
49.00	2057	104.00	175	166.00	55	262.00	95
50.00	8235	105.00	142	167.00	59	265.00	149
51.00	2988	106.00	4	170.00	94	266.00	33
52.00	268	107.00	83	171.00	57	267.00	166
53.00	179	110.00	34	172.00	625	269.00	434
55.00	179	111.00	123	173.00	924	270.00	61
56.00	666	112.00	40	174.00	52592	276.00	111
57.00	952	113.00	65	175.00	3785	281.00	1
58.00	56	116.00	262	176.00	50088	282.00	83
59.00	71	117.00	335	177.00	3451	283.00	54
60.00	426	119.00	397	178.00	58	292.00	38
61.00	2710	123.00	148	179.00	61	293.00	53
62.00	2671	124.00	49	180.00	66	298.00	43
63.00	2118	125.00	36	182.00	54	301.00	54
64.00	183	126.00	107	187.00	35	312.00	45
65.00	260	127.00	141	191.00	63	316.00	63
68.00	4000	128.00	269	192.00	59	318.00	61
69.00	4654	129.00	134	193.00	97	320.00	46
70.00	419	130.00	333	194.00	48	321.00	40
71.00	47	132.00	44	195.00	37	322.00	70
72.00	38	133.00	108	196.00	44	324.00	43

Report Date: 08-Jul-2016 20:02:31

Chrom Revision: 2.2 20-Apr-2016 13:59:46

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45713.D\OLM04.2LLW7.rslt\spectra.d

Injection Date: 07-Jul-2016 19:41:30

Spectrum: Tune Spec :Average 81-83(3.24-3.26) Bgrd 76(3.20)

Base Peak: 174.00

Minimum % Base Peak: 0

Number of Points: 180

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	2538	134.00	37	197.00	41	327.00	137
74.00	8792	135.00	120	198.00	34	333.00	35
75.00	27344	137.00	167	207.00	97	334.00	89
76.00	1753	139.00	28	208.00	135	335.00	100
77.00	200	141.00	827	210.00	90	338.00	41
78.00	217	142.00	25	212.00	74	343.00	159
79.00	1796	143.00	700	217.00	40	344.00	80
80.00	684	145.00	77	218.00	38	345.00	86
81.00	1694	146.00	181	219.00	50	346.00	83
82.00	440	147.00	132	222.00	34	351.00	111
83.00	62	148.00	162	228.00	43	353.00	39
84.00	34	149.00	58	231.00	55	371.00	64

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-377886/7

Matrix: Water Lab File ID: V45719.D

Analysis Method: OLM04.2/VOL Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 22:10

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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-377886/7
Matrix: Water Lab File ID: V45719.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 22:10
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		76-114
2037-26-5	Toluene-d8 (Surr)	99		88-110
460-00-4	4-Bromofluorobenzene	98		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45719.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 07-Jul-2016 22:10:30 ALS Bottle#: 7 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0043044-007
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 07-Jul-2016 23:47:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	76	117360	50.0	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	174049	50.0	50.7	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	671862	50.0	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	99	427520	50.0	49.7	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	648003	50.0	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	96	308774	50.0	49.0	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45719.D

Injection Date: 07-Jul-2016 22:10:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

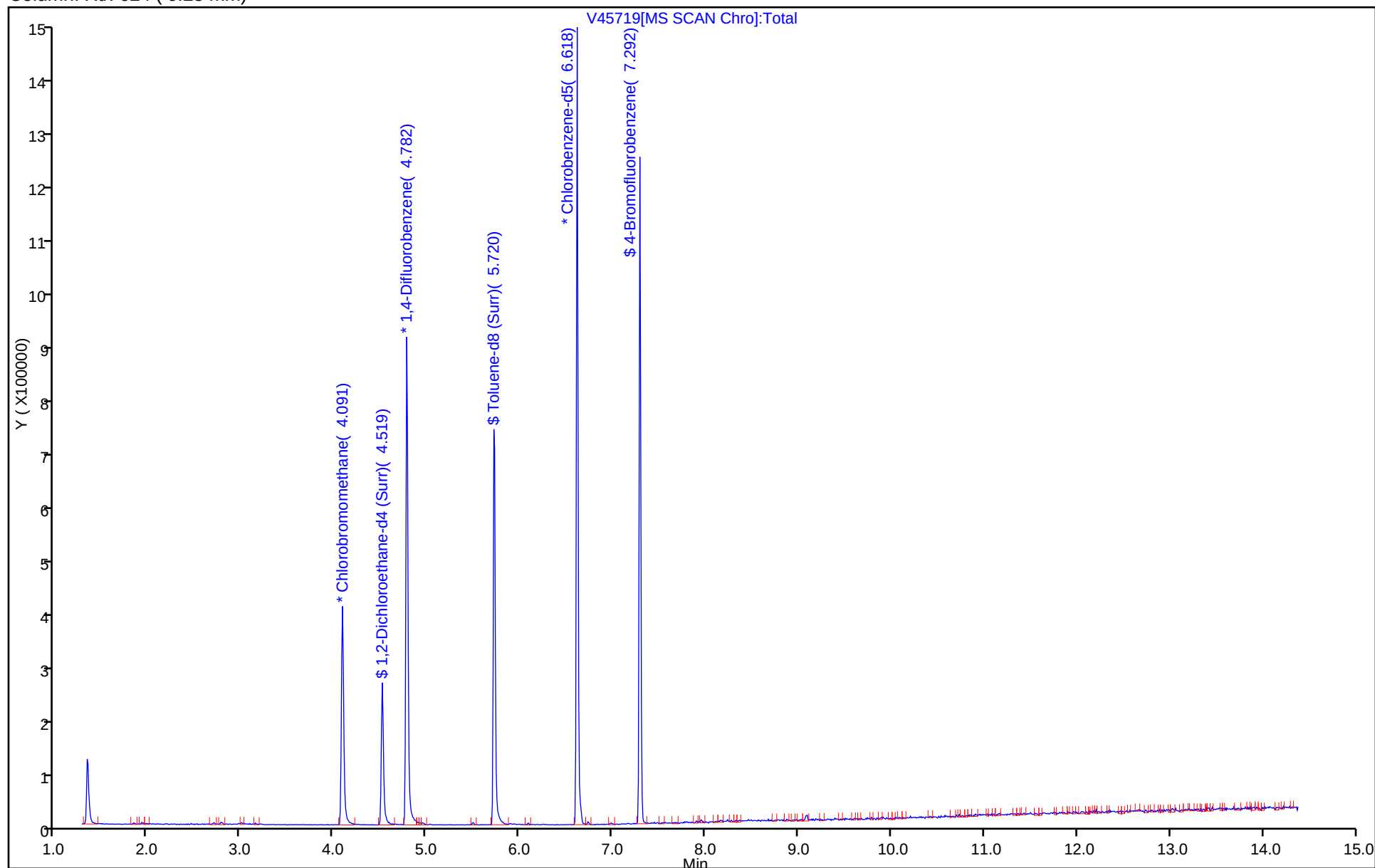
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: STOBLK 460-377886/30
 Matrix: Water Lab File ID: V45742.D
 Analysis Method: OLM04.2/VOL Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 07:26
 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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: STOBLK 460-377886/30
Matrix: Water Lab File ID: V45742.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 07:26
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		76-114
2037-26-5	Toluene-d8 (Surr)	100		88-110
460-00-4	4-Bromofluorobenzene	99		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45742.D
 Lims ID: STOBLK
 Client ID:
 Sample Type: STOBLK
 Inject. Date: 08-Jul-2016 07:26:30 ALS Bottle#: 30 Worklist Smp#: 30
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STOBLK
 Misc. Info.: 460-0043044-030
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: baronm

Date: 14-Jul-2016 12:37:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 19 Chlorobromomethane	128	4.091	4.091	0.000	73	113805	50.0	50.0	
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	155998	50.0	46.8	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	597584	50.0	50.0	
\$ 38 Toluene-d8 (Surr)	98	5.720	5.720	0.000	98	384789	50.0	50.2	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	83	577493	50.0	50.0	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	276960	50.0	49.3	

Reagents:

VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45742.D

Injection Date: 08-Jul-2016 07:26:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: STOBLK

Worklist Smp#: 30

Client ID:

Purge Vol: 5.000 mL

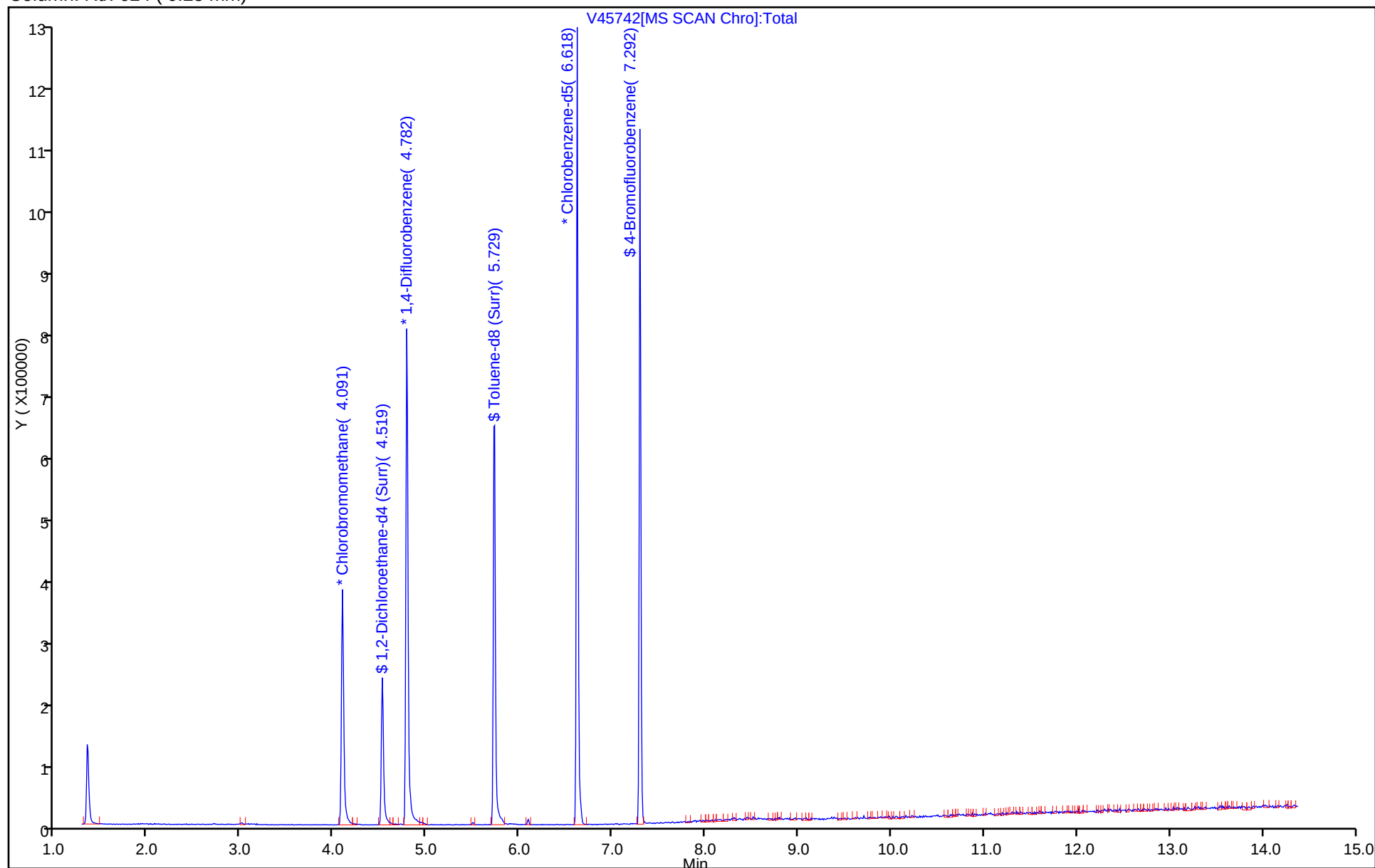
Dil. Factor: 1.0000

ALS Bottle#: 30

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-377886/3

Matrix: Water Lab File ID: V45715.D

Analysis Method: OLM04.2/VOL Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 20:34

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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	51.4		10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	51.6		10	0.10
79-00-5	1,1,2-Trichloroethane	51.3		10	0.10
75-34-3	1,1-Dichloroethane	51.1		10	0.10
75-35-4	1,1-Dichloroethene	51.0		10	0.10
107-06-2	1,2-Dichloroethane	50.8		10	0.10
78-87-5	1,2-Dichloropropane	50.7		10	0.10
78-93-3	2-Butanone (MEK)	54.5		10	0.10
591-78-6	2-Hexanone	53.2		10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	53.0		10	0.10
67-64-1	Acetone	46.4		10	0.10
71-43-2	Benzene	50.8		10	0.10
75-27-4	Dichlorobromomethane	50.0		10	0.10
75-25-2	Bromoform	50.0		10	0.10
74-83-9	Bromomethane	52.2		10	0.10
75-15-0	Carbon disulfide	48.3		10	0.10
56-23-5	Carbon tetrachloride	52.6		10	0.10
108-90-7	Chlorobenzene	51.5		10	0.10
124-48-1	Chlorodibromomethane	50.4		10	0.10
75-00-3	Chloroethane	51.7		10	0.10
67-66-3	Chloroform	50.6		10	0.10
74-87-3	Chloromethane	49.5		10	0.10
156-59-2	cis-1,2-Dichloroethene	50.1		10	0.10
10061-01-5	cis-1,3-Dichloropropene	50.1		10	0.10
100-41-4	Ethylbenzene	51.6		10	0.10
75-09-2	Methylene Chloride	47.1		10	0.10
100-42-5	Styrene	51.6		10	0.10
127-18-4	Tetrachloroethene	51.2		10	0.10
108-88-3	Toluene	51.9		10	0.10
156-60-5	trans-1,2-Dichloroethene	48.3		10	0.10
10061-02-6	trans-1,3-Dichloropropene	49.9		10	0.10
79-01-6	Trichloroethene	51.4		10	0.10
75-01-4	Vinyl chloride	50.7		10	0.10
1330-20-7	Xylenes, Total	156		10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-377886/3
Matrix: Water Lab File ID: V45715.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 20:34
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		76-114
2037-26-5	Toluene-d8 (Surr)	102		88-110
460-00-4	4-Bromofluorobenzene	100		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45715.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 07-Jul-2016 20:34:30 ALS Bottle#: 3 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0043044-003
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: baronm

Date: 14-Jul-2016 12:19:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	84	32322	50.0	53.1	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	58	64611	50.0	51.9	
56 Chlorotrifluoroethene	116	1.458	1.457	0.001	90	87247	50.0	52.1	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	94	220164	50.0	49.8	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	174496	50.0	52.7	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	308177	50.0	50.5	
39 Chloromethane	50	1.655	1.655	0.000	100	243363	50.0	49.5	
12 Vinyl chloride	62	1.737	1.737	0.000	99	231404	50.0	50.7	
65 Bromomethane	94	2.001	2.001	0.000	99	142706	50.0	52.2	
23 Chloroethane	64	2.075	2.075	0.000	99	145673	50.0	51.7	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	395559	50.0	51.2	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	88	226218	50.0	49.3	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	284022	50.0	50.8	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	94	196569	50.0	48.9	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	197700	50.0	51.0	
14 Acetone	43	2.700	2.700	0.000	86	79385	50.0	46.4	
3 Carbon disulfide	76	2.791	2.791	0.000	99	591915	50.0	48.3	
50 Methyl acetate	43	2.906	2.906	0.000	99	197445	50.0	53.9	
40 Methylene Chloride	84	2.996	3.005	-0.009	91	225152	50.0	47.1	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	766219	50.0	50.6	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	95	220146	50.0	48.3	
\$ 36 BFB									
64 1,1-Dichloroethane	63	3.482	3.482	0.000	100	362328	50.0	51.1	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	99	242598	50.0	50.1	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	99	112613	50.0	54.5	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	75	126420	50.0	50.0	
31 Chloroform	83	4.124	4.124	0.000	99	422867	50.0	50.6	
8 Cyclohexane	56	4.231	4.231	0.000	88	285674	50.0	49.0	
47 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	420627	50.0	51.4	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	335947	50.0	52.6	
22 Benzene	78	4.511	4.511	0.000	96	880348	50.0	50.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	182268	50.0	49.3	
43 1,2-Dichloroethane	62	4.568	4.568	0.000	99	352879	50.0	50.8	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	728976	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	271154	50.0	51.4	
55 Methylcyclohexane	83	5.029	5.029	0.000	93	319951	50.0	46.5	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	88	206665	50.0	50.7	
20 Dichlorobromomethane	83	5.301	5.301	0.000	99	338182	50.0	50.0	
10 cis-1,3-Dichloropropene	75	5.589	5.580	0.009	92	378280	50.0	50.1	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	96	218179	50.0	53.0	
\$ 38 Toluene-d8 (Surr)	98	5.721	5.720	0.001	98	475409	50.0	50.9	
30 Toluene	91	5.770	5.762	0.008	93	1005974	50.0	51.9	
24 trans-1,3-Dichloropropene	75	5.943	5.943	0.000	97	365741	50.0	49.9	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	93	239335	50.0	51.3	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	241393	50.0	51.2	
7 2-Hexanone	43	6.181	6.181	0.000	95	145150	50.0	53.2	
32 Chlorodibromomethane	129	6.288	6.288	0.000	97	333888	50.0	50.4	
48 Ethylene Dibromide	107	6.371	6.371	0.001	99	260369	50.0	50.2	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	703410	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	694911	50.0	51.5	
62 Ethylbenzene	106	6.667	6.667	0.000	97	347713	50.0	51.6	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	874236	100.0	104.3	
25 o-Xylene	106	6.971	6.971	0.000	94	433618	50.0	51.7	
17 Styrene	104	6.980	6.988	-0.008	96	750886	50.0	51.6	
51 Bromoform	173	7.120	7.128	-0.008	98	268596	50.0	50.0	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	1101297	50.0	50.5	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	343544	50.0	50.2	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.375	0.000	96	312759	50.0	51.6	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	598271	50.0	50.6	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.000	97	615629	50.0	50.8	
2 1,2-Dichlorobenzene	146	8.165	8.165	0.000	98	582603	50.0	50.5	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	66075	50.0	51.7	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	94	320243	50.0	51.1	
S 9 Xylenes, Total	106				0	1307854	150.0	156.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

VMC4.2spk_00047	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45715.D

Injection Date: 07-Jul-2016 20:34:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

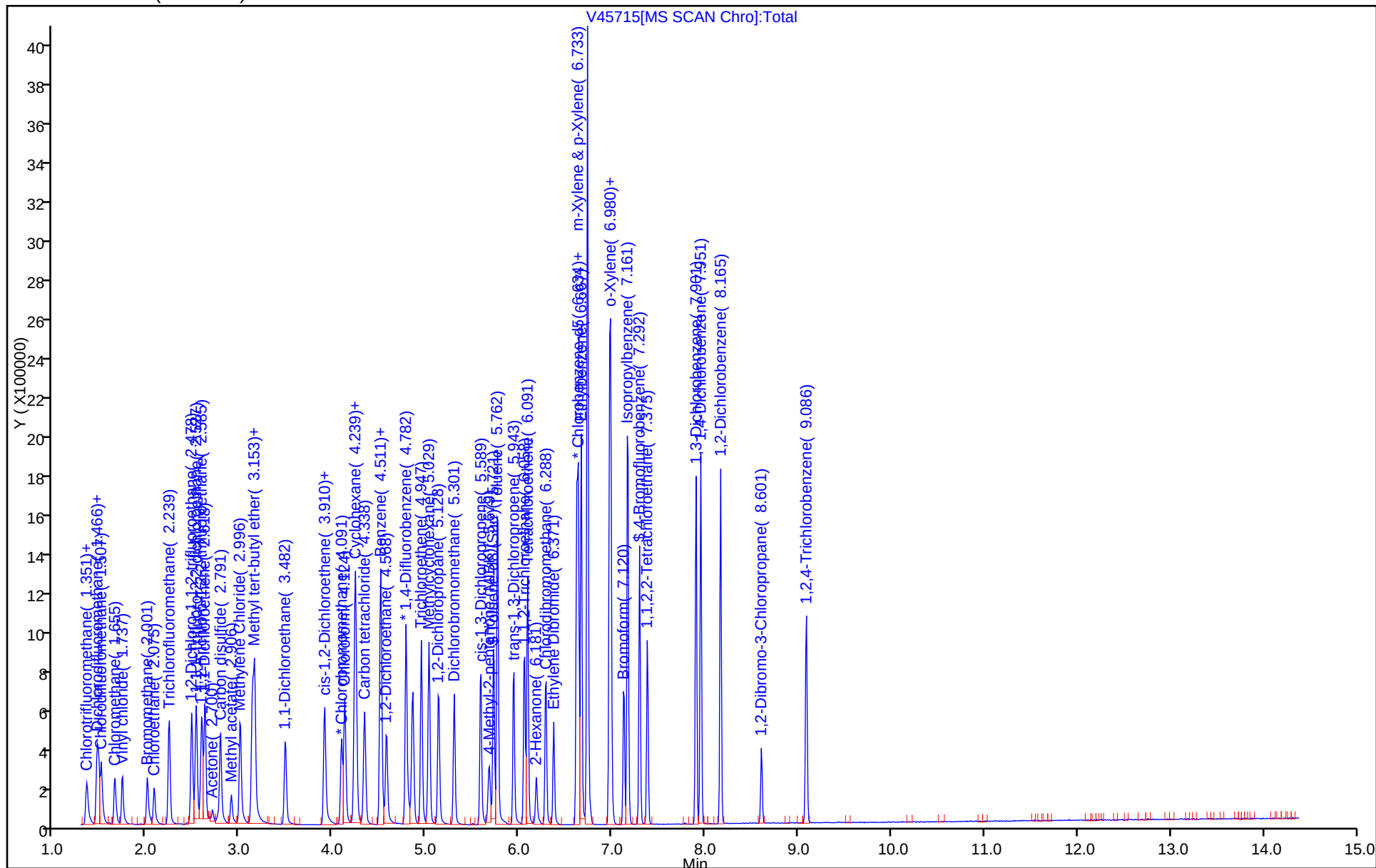
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-377886/4
 Matrix: Water Lab File ID: V45716.D
 Analysis Method: OLM04.2/VOL Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 20:58
 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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	51.9		10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	54.1		10	0.10
79-00-5	1,1,2-Trichloroethane	53.3		10	0.10
75-34-3	1,1-Dichloroethane	50.9		10	0.10
75-35-4	1,1-Dichloroethene	48.7		10	0.10
107-06-2	1,2-Dichloroethane	50.6		10	0.10
78-87-5	1,2-Dichloropropane	54.5		10	0.10
78-93-3	2-Butanone (MEK)	52.9		10	0.10
591-78-6	2-Hexanone	57.6		10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	56.0		10	0.10
67-64-1	Acetone	49.5		10	0.10
71-43-2	Benzene	52.3		10	0.10
75-27-4	Dichlorobromomethane	53.1		10	0.10
75-25-2	Bromoform	53.4		10	0.10
74-83-9	Bromomethane	50.2		10	0.10
75-15-0	Carbon disulfide	46.8		10	0.10
56-23-5	Carbon tetrachloride	50.4		10	0.10
108-90-7	Chlorobenzene	52.0		10	0.10
124-48-1	Chlorodibromomethane	52.0		10	0.10
75-00-3	Chloroethane	50.8		10	0.10
67-66-3	Chloroform	50.9		10	0.10
74-87-3	Chloromethane	48.7		10	0.10
156-59-2	cis-1,2-Dichloroethene	49.4		10	0.10
10061-01-5	cis-1,3-Dichloropropene	52.9		10	0.10
100-41-4	Ethylbenzene	51.5		10	0.10
75-09-2	Methylene Chloride	48.4		10	0.10
100-42-5	Styrene	52.3		10	0.10
127-18-4	Tetrachloroethene	49.2		10	0.10
108-88-3	Toluene	52.5		10	0.10
156-60-5	trans-1,2-Dichloroethene	45.6		10	0.10
10061-02-6	trans-1,3-Dichloropropene	52.9		10	0.10
79-01-6	Trichloroethene	52.0		10	0.10
75-01-4	Vinyl chloride	48.5		10	0.10
1330-20-7	Xylenes, Total	157		10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-377886/4
Matrix: Water Lab File ID: V45716.D
Analysis Method: OLM04.2/VOL Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 20:58
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.: 377886 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		76-114
2037-26-5	Toluene-d8 (Surr)	102		88-110
460-00-4	4-Bromofluorobenzene	99		86-115

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\V45716.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 07-Jul-2016 20:58:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0043044-004
 Operator ID: Instrument ID: CVOAMS7
 Method: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-43044.b\OLM04.2LLW7.m
 Limit Group: VOA OLM04.2 LL Water ICAL
 Last Update: 14-Jul-2016 12:38:29 Calib Date: 07-Jul-2016 06:17:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Continuing Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS7\20160707-42999.b\V45691.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: baronm

Date: 14-Jul-2016 12:20:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
13 Monochloropentafluoroethan	119	1.359	1.359	0.000	85	25577	50.0	41.2	
27 Chlorotrifluoromethane	69	1.359	1.359	0.000	90	51661	50.0	40.8	
56 Chlorotrifluoroethene	116	1.458	1.457	0.001	90	69465	50.0	40.8	
5 1,1-Difluoroethane	51	1.466	1.466	0.000	95	191061	50.0	42.4	
33 Dichlorodifluoromethane	85	1.482	1.482	0.000	98	162703	50.0	48.2	
18 Chlorodifluoromethane	51	1.507	1.507	0.000	97	253816	50.0	40.8	
39 Chloromethane	50	1.655	1.655	0.000	99	243685	50.0	48.7	
12 Vinyl chloride	62	1.737	1.737	0.000	99	225285	50.0	48.5	
65 Bromomethane	94	2.001	2.001	0.000	98	139755	50.0	50.2	
23 Chloroethane	64	2.075	2.075	0.000	100	145679	50.0	50.8	
53 Trichlorofluoromethane	101	2.239	2.239	0.000	99	382372	50.0	48.6	
34 1,2-Dichloro-1,1,2-trifluo	67	2.478	2.478	0.000	89	188751	50.0	40.4	
61 1,1,1-Trifluoro-2,2-dichlo	83	2.527	2.527	0.000	95	238236	50.0	41.8	
49 1,1,2-Trichloro-1,2,2-trif	101	2.585	2.585	0.000	92	188812	50.0	46.1	
41 1,1-Dichloroethene	96	2.626	2.626	0.000	98	192262	50.0	48.7	
14 Acetone	43	2.700	2.700	0.000	85	86253	50.0	49.5	
3 Carbon disulfide	76	2.791	2.791	0.000	100	584050	50.0	46.8	
50 Methyl acetate	43	2.906	2.906	0.000	98	178689	50.0	47.9	
40 Methylene Chloride	84	3.005	3.005	0.000	90	235704	50.0	48.4	
59 Methyl tert-butyl ether	73	3.136	3.136	0.000	96	678790	50.0	44.0	
63 trans-1,2-Dichloroethene	96	3.153	3.153	0.000	94	211730	50.0	45.6	
\$ 36 BFB									
64 1,1-Dichloroethane	63	3.490	3.482	0.008	99	366835	50.0	50.9	
28 cis-1,2-Dichloroethene	96	3.910	3.910	0.000	98	243852	50.0	49.4	
57 2-Butanone (MEK)	43	3.918	3.918	0.000	98	111211	50.0	52.9	
* 19 Chlorobromomethane	128	4.091	4.091	0.000	76	128740	50.0	50.0	
31 Chloroform	83	4.124	4.124	0.000	99	432824	50.0	50.9	
8 Cyclohexane	56	4.231	4.231	0.000	89	282576	50.0	50.5	
47 1,1,1-Trichloroethane	97	4.247	4.239	0.008	96	408084	50.0	51.9	
6 Carbon tetrachloride	117	4.338	4.338	0.000	98	308899	50.0	50.4	
22 Benzene	78	4.511	4.511	0.000	96	868784	50.0	52.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 44 1,2-Dichloroethane-d4 (Sur	65	4.519	4.519	0.000	0	177135	50.0	47.0	
43 1,2-Dichloroethane	62	4.577	4.568	0.009	99	357667	50.0	50.6	
* 4 1,4-Difluorobenzene	114	4.782	4.782	0.000	93	699655	50.0	50.0	
54 Trichloroethene	130	4.947	4.947	0.000	95	263160	50.0	52.0	
55 Methylcyclohexane	83	5.029	5.029	0.000	93	317546	50.0	48.1	
58 1,2-Dichloropropane	63	5.128	5.128	0.000	86	213313	50.0	54.5	
20 Dichlorobromomethane	83	5.301	5.301	0.000	98	345113	50.0	53.1	
10 cis-1,3-Dichloropropene	75	5.589	5.580	0.009	92	383480	50.0	52.9	
45 4-Methyl-2-pentanone (MIBK	43	5.679	5.679	0.000	95	225073	50.0	56.0	
\$ 38 Toluene-d8 (Surr)	98	5.721	5.720	0.001	99	466655	50.0	51.2	
30 Toluene	91	5.770	5.762	0.008	95	993878	50.0	52.5	
24 trans-1,3-Dichloropropene	75	5.943	5.943	0.000	96	372377	50.0	52.9	
35 1,1,2-Trichloroethane	97	6.058	6.058	0.000	93	238714	50.0	53.3	
46 Tetrachloroethene	164	6.091	6.091	0.000	95	226784	50.0	49.2	
7 2-Hexanone	43	6.181	6.181	0.000	95	153299	50.0	57.6	
32 Chlorodibromomethane	129	6.288	6.288	0.000	97	336193	50.0	52.0	
48 Ethylene Dibromide	107	6.371	6.371	0.001	98	248567	50.0	49.1	
* 1 Chlorobenzene-d5	117	6.618	6.617	0.001	84	686471	50.0	50.0	
11 Chlorobenzene	112	6.634	6.634	0.000	97	684107	50.0	52.0	
62 Ethylbenzene	106	6.667	6.667	0.000	97	339229	50.0	51.5	
15 m-Xylene & p-Xylene	106	6.733	6.733	0.000	0	856762	100.0	104.7	
25 o-Xylene	106	6.971	6.971	0.000	95	427199	50.0	52.2	
17 Styrene	104	6.988	6.988	0.000	97	742255	50.0	52.3	
51 Bromoform	173	7.128	7.128	0.000	99	275228	50.0	53.4	
42 Isopropylbenzene	105	7.161	7.169	-0.008	95	1029953	50.0	48.4	
\$ 26 4-Bromofluorobenzene	174	7.292	7.292	0.000	95	331804	50.0	49.7	
29 1,1,2,2-Tetrachloroethane	83	7.375	7.375	0.000	96	320101	50.0	54.1	
21 1,3-Dichlorobenzene	146	7.901	7.901	0.000	99	554388	50.0	48.1	
60 1,4-Dichlorobenzene	146	7.951	7.951	0.000	97	570401	50.0	48.2	
2 1,2-Dichlorobenzene	146	8.165	8.165	0.000	98	532540	50.0	47.3	
52 1,2-Dibromo-3-Chloropropan	75	8.601	8.601	0.000	92	61146	50.0	49.0	
16 1,2,4-Trichlorobenzene	180	9.086	9.086	0.000	93	305554	50.0	49.9	
S 9 Xylenes, Total	106				0	1283961	150.0	156.9	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

VMC4.2spk_00047	Amount Added: 2.50	Units: uL	
VMCLPFREOW_00107	Amount Added: 2.50	Units: uL	
VMC4.2Oi_00109	Amount Added: 2.50	Units: uL	
VMC4.2ISi_00116	Amount Added: 5.00	Units: uL	Run Reagent
VMC4.2SU_00111	Amount Added: 2.50	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS7\\20160707-43044.b\\V45716.D

Injection Date: 07-Jul-2016 20:58:30

Instrument ID: CVOAMS7

Operator ID:

Lims ID: LCSD

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

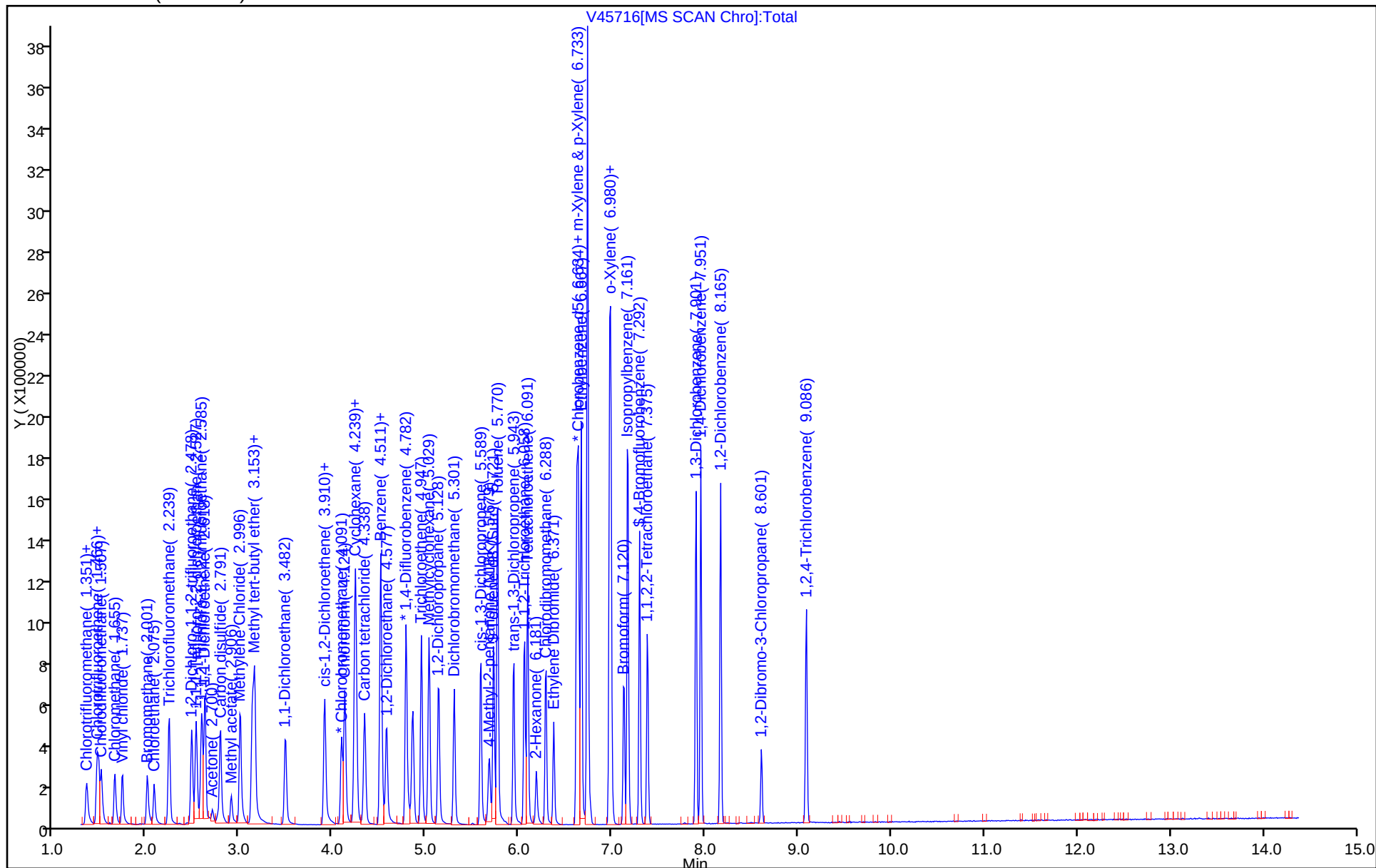
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: OLM04.2LLW7

Limit Group: VOA OLM04.2 LL Water ICAL

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-116438-1

SDG No.: _____

Instrument ID: CVOAMS7 Start Date: 07/07/2016 02:48Analysis Batch Number: 377690 End Date: 07/07/2016 13:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-377690/1		07/07/2016 02:48	1	V45683.D	Rtx-624 0.25 (mm)
STD1 460-377690/3 IC		07/07/2016 03:38	1	V45685.D	Rtx-624 0.25 (mm)
STD20 460-377690/4 IC		07/07/2016 04:02	1	V45686.D	Rtx-624 0.25 (mm)
STD100 460-377690/5 IC		07/07/2016 04:26	1	V45687.D	Rtx-624 0.25 (mm)
STD200 460-377690/6 IC		07/07/2016 04:51	1	V45688.D	Rtx-624 0.25 (mm)
STD50 460-377690/9 ICIS		07/07/2016 06:17	1	V45691.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 06:40	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 07:04	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 08:16	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 08:39	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 09:03	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 09:28	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 09:52	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 10:16	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 10:40	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 12:43	10		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2016 13:07	20		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-116438-1

SDG No.: _____

Instrument ID: CVOAMS7 Start Date: 07/07/2016 19:41Analysis Batch Number: 377886 End Date: 07/08/2016 07:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-377886/1		07/07/2016 19:41	1	V45713.D	Rtx-624 0.25 (mm)
CCVIS 460-377886/2		07/07/2016 20:10	1	V45714.D	Rtx-624 0.25 (mm)
LCS 460-377886/3		07/07/2016 20:34	1	V45715.D	Rtx-624 0.25 (mm)
LCSD 460-377886/4		07/07/2016 20:58	1	V45716.D	Rtx-624 0.25 (mm)
MB 460-377886/7		07/07/2016 22:10	1	V45719.D	Rtx-624 0.25 (mm)
460-116438-1		07/07/2016 22:34	1	V45720.D	Rtx-624 0.25 (mm)
460-116438-2		07/07/2016 22:58	1	V45721.D	Rtx-624 0.25 (mm)
460-116438-4		07/08/2016 01:24	20	V45727.D	Rtx-624 0.25 (mm)
460-116438-7		07/08/2016 01:47	20	V45728.D	Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 02:35	1		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 03:23	2		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 04:10	2		Rtx-624 0.25 (mm)
460-116438-5		07/08/2016 04:59	1	V45736.D	Rtx-624 0.25 (mm)
460-116438-3		07/08/2016 05:47	2	V45738.D	Rtx-624 0.25 (mm)
460-116438-6		07/08/2016 06:11	2	V45739.D	Rtx-624 0.25 (mm)
ZZZZZ		07/08/2016 06:59	1		Rtx-624 0.25 (mm)
STOBLK 460-377886/30		07/08/2016 07:26	1	V45742.D	Rtx-624 0.25 (mm)

Shipping and Receiving Documents

TestAmerica

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice)		101 Frost Street		Samplers Name (Printed)		Jessica Bluth		Site/Project Identification		Frost Street Sites, Westbury NY	
Company		Associates/Next Millennium Realty		P.O. #		SPGL 100-01		State (Location of site):		NJ: ☐ NY: ☒ Other: ☐	
Address		16 Spring Street		Analysis Turnaround Time		Standard ☒		Rush Charges Authorized For:		LAB USE ONLY	
City		Oyster Bay		State		NY 11771		2 Week ☐		Project No:	
Phone		516-624-7200		Fax		516-624-3219		1 Week ☐		1102938	
Sample Identification		Date		Time		Matrix		No. of Cont.		Sample Numbers	
Trip Blank 07012016		07/01/16		—		AQ.		2		1	
Equipment 07012016		07/01/16		1245		AQ.		3		2	
Duplicate 07012016		07/01/16		—		AQ.		3		3	
Duplicate 06302016		06/30/16		—		AQ.		3		4	
FSMw-13A 07012016		07/01/16		0855		AQ.		3		5	
FSMw-1A 07012016		07/01/16		1110		AQ.		3		6	
FSMw-14A 07012016		07/01/16		1505		AQ.		3		7	
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH		Soil:		Water:		7		450-116438 Chain of Custody			
6 = Other		7 = Other									

Special Instructions: *Cat B Deliverables; PDF & EPP To: walden-associates.com Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
100/B	Walden	7/1/16 1330	1)	TS

Relinquished by	Company	Date / Time	Received by	Company
2) TS	TA	7/1/16 1625	2) Kelly Mark	TA 7/1/16 1625

Relinquished by	Company	Date / Time	Received by	Company
3)			3)	

Relinquished by	Company	Date / Time	Received by	Company
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

2.2 #7

110438

1. The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved.

[illegible]

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	22.0 °C	22.0 °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

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	22.0 °C	22.0 °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

[illegible]

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Login Sample Receipt Checklist

Client: Walden Associates

Job Number: 460-116438-1

Login Number: 116438

List Source: TestAmerica Edison

List Number: 1

Creator: Wisnewski, Kelly R

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	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	2.2°C, IR#7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Login Sample Receipt Checklist

Client: Walden Associates

Job Number: 460-116438-1

Login Number: 116438

List Source: TestAmerica Edison

List Number: 2

Creator: Wisnewski, Kelly R

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs)..		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		

APPENDIX B

JUNE-JULY 2016 GROUNDWATER SAMPLING
DATA VALIDATION REPORT

DATA VALIDATION REPORT

ORGANIC ANALYSIS

**VOLATILES BY GC/MS
CLP Method OLM04.2**

**For Aqueous Samples Collected
June 29, 2016, June 30, 2016 and July 01, 2016
101 Frost Street, Associates/Next Millennium Realty
Westbury, New York
SPGL 100.01**

**SAMPLE DELIVERY GROUP NUMBERS:
460-116243-1, 460-116243-1 and 460-116377-1
by TestAmerica Edison
ELAP #11452
Quarterly Groundwater Sampling/Analysis**

**SUBMITTED TO:
Ms. Kristin Scroope
Walden Associates, Inc.
16 Spring Street
Oyster Bay, New York 11771**

October 12, 2016
Revision 1 – October 12, 2016

**PREPARED BY:
Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731**

Lori A. Beyer

101 Frost Street Associates, Next Millenium Realty, Westbury, New York –June 2016 Aqueous
Sampling Event

Data Validation Report: CLP OLM04.2 - Volatiles by GC/MS.

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Introduction

Data Qualifier Definitions

Sample Receipt

- 1.0 CLP OLM04.2 - Volatile Organics by GC/MS
 - 1.1 Holding Time
 - 1.2 System Monitoring Compound (Surrogate) Recovery
 - 1.3 Matrix Spikes (MS), Matrix Spike Duplicates (MSD), Laboratory Control Sample (LCS)/Matrix Spike blank (MSB)
 - 1.4 Blank Contamination
 - 1.5 GC/MS Instrument Performance Check
 - 1.6 Initial and Continuing Calibrations
 - 1.7 Internal Standards
 - 1.8 Target Compound List Identification
 - 1.9 Field Duplicates
 - 1.10 Compound Quantification and Reported Detection Limits
 - 1.11 Overall System Performance

APPENDICES:

- A. Chain of Custody Documents
- B. SDG Narrative
- C. Data Summary Form I's with Qualifications

Introduction:

A validation was performed on aqueous samples collected from 101 Frost Street, Westbury, New York for organic analysis for samples collected under chain of custody documentation by Walden Associates, Inc. and submitted to TestAmerica Edison for subsequent Volatile analysis. This report contains the laboratory and validation results for the field aqueous samples identified below. The samples were collected on June 29, 2016 through July 01, 2016.

The samples were analyzed by TestAmerica Edison, utilizing CLP Method OLM04.2 and submitted under CLP Superfund “equivalent” deliverable requirements for the associated analytical methodologies employed. The analytical testing consisted of the Target Compound List (TCL) for Volatile Organics in OLM04.2 and in accordance with NYSDEC Analytical Services Protocol (ASP) Category B for the TCL (Target Compound List).

This validation report was updated on October 12, 2016 to reflect manual edits to an incorrect sample identification in the lab report. FSMW-4A 06292016 was reported by the laboratory as FSMW-4A 06292015.

The data was evaluated in accordance with the United States Environmental Protection Agency – Region II Contract Laboratory Program National Functional Guidelines for Organic Data Review and per the analytical methodologies for which the samples were analyzed, where applicable and relevant.

Sample ID	Lab ID	Matrix	Date Collected	Date Received
Trip Blank 06292016	460-116243-1	Aqueous	06/29/2016	06/29/2016
Equipment 06292016	460-116243-2	Aqueous	06/29/2016	06/29/2016
FSMW-4A 06292016	460-116243-3	Groundwater	06/29/2016	06/29/2016
FSMW-4B 06292016	460-116243-4	Groundwater	06/29/2016	06/29/2016
Duplicate 06292016 (FSMW-4A 06292016)	460-116243-5	Groundwater	06/29/2016	06/29/2016
FSMW-2A 06292016	460-116377-1	Groundwater	06/29/2016	06/30/2016
FSMW02B 06292016	460-116377-2	Groundwater	06/29/2016	06/30/2016
Trip Blank 06302016	460-116377-3	Aqueous	06/30/2016	06/30/2016
Equipment 06302016	460-116377-4	Aqueous	06/30/2016	06/30/2016
FSMW-8A 06302016	460-116377-5	Groundwater	06/30/2016	06/30/2016
FSMW-14B 06302016	460-116377-6	Groundwater	06/30/2016	06/30/2016
Trip Blank 07012016	460-116438-1	Aqueous	07/01/2016	07/01/2016
Equipment 07012016	460-116438-2	Aqueous	07/01/2016	07/01/2016
Duplicate 07012016 (FSMW-1A 07012016)	460-116438-3	Groundwater	07/01/2016	07/01/2016
Duplicate 06302016 (FSMW-14A 07012016)	460-116438-4	Groundwater	06/30/2016	07/01/2016
FSMW-13A 07012016	460-116438-5	Groundwater	07/01/2016	07/01/2016
FSMW-1A 07012016	460-116438-6	Groundwater	07/01/2016	07/01/2016
FSMW-14A 07012016	460-116438-7	Groundwater	06/30/2016	07/01/2016

Data Qualifier Definitions:

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

D - Analyte concentration is from diluted analysis.

Sample Receipt:

The Chain of Custody documents indicate that the samples were received at TestAmerica Edison via laboratory courier upon completion of each days sampling events. Sample login notes were generated and the cooler temperatures and pH recorded and determined to be acceptable (<6 degrees C) for this entire sampling event. The actual temperature of each shipment is recorded on the chain of custody's, sample receipt checklist and also documented in the case narrative of the lab report.

No problems and/or discrepancies concerning volume or preservation were noted, consequently, the integrity of the samples has been assumed to be good. All aqueous samples were properly preserved with HCL.

The data summary Form I's included in Appendix C includes all usable (qualified) and unusable (rejected) results for the samples identified above. These forms summarize the detailed narrative section of the report.

NOTE:

L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

CLP OLM04.2 - Volatile Organics by GC/MS

The following method criteria were reviewed: holding times, SMCs, MS, MSD, LCS, Blanks, Tunes, Calibrations, Internal Standards, Field Duplicates, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The volatile results were considered to be valid and usable as noted on the data summary Form I's in Appendix C and within the following text:

1.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

All samples pertaining to these SDGs were performed (initial/diluted reanalysis) within the method and technical requirements of 14 days from collection to analysis. No data validation qualifiers were required based upon holding time.

1.2 System Monitoring Compound (Surrogate) Recovery

All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specification, qualifications are required to be applied to associated samples and analytes.

Surrogate recoveries (%R) were found to be within acceptable limits for surrogate compounds 1,2-Dichloroethane-d4, Toluene-d8 and 4-Bromofluorobenzene for all analyses. No qualifications were required based upon surrogate recovery data for these SDGs.

1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)/Laboratory Control Sample (LCS)/Matrix Spike Blank (MSB)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. LCS data are generated to demonstrate that the method is in control and determine accuracy of the method in blank deionized water.

Site specific MS/MSD was not performed on any samples pertaining to this SDG.

Acceptable Matrix Spike Blank/LCS/LCS Duplicate was analyzed with each sequence. Recoveries fell within acceptance limits. The laboratory reported five (5) spiked analytes. Raw data supports spiking of all target compounds. Review of the raw data indicates acceptable recovery values were obtained for all analytes.

1.4 Blank Contamination

Quality assurance (QA) blanks; i.e. method, trip, field blanks and equipment blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. Storage blanks measure cross-contamination of samples during sample storage/handling.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>= CRQL* and ,2x the CRQL**	No qualification required
	>CRQL*	<= CRQL*	Report CRQL value with a U
		>=CRQL* and <= blank concentration	Report blank value for sample concentration with a U
		>= CRQL* and > blank concentration	No qualification required
	=CRQL*	<= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone and acetone.

**4x the CRQL for methylene chloride, 2-butanone, and acetone

***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L. Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) **Method Blank Contamination:**

Target analytes were not detected in the method blanks associated with sample analysis.

B) **Field/Equipment Blank Contamination:**

Target analytes were not detected in the equipment blanks associated with sample analysis.

C) **Trip Blank Contamination:**

2-Butanone (13 ug/L) and Acetone (20 ug/L) were detected in Trip Blank 06292016. Methylene Chloride (2.3 ug/L) was detected in Trip Blank 06302016 and also detected at 2.1 ug/L in Trip Blank 07012016. These common laboratory contaminants were not detected in any of the associated field samples and therefore laboratory reported results are not impacted.

D) **Storage/Holding Blanks:**

No analytes were detected in the storage blanks.

1.5 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency for Bromofluorobenzene (BFB) for all analyses conducted for these SDGs.

1.6 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence.

The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factors for Acetone, 2-Butanone, Carbon Disulfide, Chloroethane, Chloromethane, 1,2-Dichloropropane, cis-1,2-Dichloroethene, Methylene Chloride, trans-1,2-Dichloroethene, 4-Methyl-2-Pentanone and 2-Hexanone must be >0.01 since these analytes are documented "poor responders." The response factor for all remaining compounds must be ≥ 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound in the corresponding samples will be rejected, "R".

All the response factors for the target analytes reported were found to be within acceptable limits (≥ 0.05) and (≥ 0.01 for poor responders) for the initial and continuing calibrations.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be $<20\%$ (poor responders are allowed to be $<40\%$) and %D must be $<25\%$. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R", unusable. Additionally, in cases where the %RSD is $>20\%$ and eliminating either the high or the low point of

the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high level results will be qualified, "J" in the portion of the curve where non linearity exists.

Initial Calibrations: The initial calibration provided and the %RSD was within acceptable limits (20%) – and 40% for poor responders for all TCL compounds with the exception of Acetone (52.2%). Acetone has been qualified, "J/UJ" in all samples.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (25%) for the TCL compounds.

1.7 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than (+/-50%) from the associated continuing calibration standard for low concentration analysis. The retention time of the internal standard must not vary more than +/-30 seconds from the associated continuing calibration standard. If the area count is outside the (+50%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects are not qualified. If the area count is outside the (-50%) range of the associated standard, all positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects are rejected, "R" since there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

Data qualifications are summarized below:

All internal standard area responses fell within acceptance ranges.

Internal Standard Outlier	Sample Identification(s)	Qualified Compounds
None		

1.8 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within ± 0.06 RRT units of the standard compound and have an ion spectrum which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

**GC/MS spectra met the qualitative criteria for all compounds.
All retention times were within required specifications.**

1.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Generally, for water samples an acceptable RPD is 10%.

Field Duplicates were collected on each day of sampling as follows:

DUPLICATE 06292016 = FSMW-4A 06292016

DUPLICATE 06302016 = FSMW-14A 06302016

DUPLICATE 07012016 = FSMW-1A 07012016

**FSMW-4A and the Field Duplicate were analyzed at 1:2 dilutions.
FSMW-1A and the Field Duplicate were also analyzed at 1:2 dilutions.**

FSMW-14A 07012016 and the Field Duplicate were analyzed at 1:20 dilutions.

Acceptable precision was observed for all detected compounds in each of the Field Duplicate pairs.

1.10 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is considered to be acceptable. Correct internal standards per CLP and response factors were used to calculate final concentrations.

Acceptable sample analysis was conducted for all field samples pertaining to this SDG in accordance with CLP methodologies.

Several samples were reanalyzed at dilutions as indicated on the laboratory Form I's in Appendix C. There is potential that some lower level hits were lost in the dilution that was required.

1.11 Overall System Performance

Good resolution and chromatographic performance were observed.

Laboratory data was reviewed for carryover and it has been determined that no carryover exists for any analysis pertaining to these samples.

Reviewer's Signature John A. Beyer Date 10/12/2016

**Appendix A
Chain of Custody
Documents**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF C

450-116243 Chain of Custody

Page 1 of 1

Name (for report and invoice) 101 Frost Street Associates/Next Millennium Realty Company		Samplers Name (Printed) Jessica Bluth		Site/Project Identification Frost Street Site, Westbury (NY)	
Address C/O Walden Env. Eng. 16 Spring Street		P.O. # SPGL 100.01		State (Location of site): NJ: ☐ NY: ☒ Other: ☐	
City Oyster Bay		State NY 11711		Regulatory Program: ☐	
Phone 516-624-7200		Fax 516-624-3219		Job No: 110243	
Sample Identification		Date		Sample Numbers	
Trip Blank 06292016		06/29/16		1	
Equipment 06292016		06/29/16 0820		2	
FSMW-4A 06292016		06/29/16 1030		3	
FSMW-4B 06292016		06/29/16 0920		4	
Duplicate 06292016		06/29/16		5	
Time		Matrix		No. of Cont.	
Analysis Turnaround Time		Standard ☒		Rush Charges Authorized For:	
2 Week ☐		1 Week ☐		Other ☐	
ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)		OLM3.2			
LAB USE ONLY		Project No:			

Preservation Used: 1 = ICE 2 = HCl 3 = H₂SO₄ 4 = HNO₃ 5 = NaOH
6 = Other 7 = Other Water: 5

Special Instructions *Cat B Deliverables, PDF & EDD to: rsdroop@walden-associates.com Water Metals Filtered (Yes/No)? N/A

Relinquished by <i>[Signature]</i>	Company Walden	Date / Time 6/29/16 1300	Received by <i>[Signature]</i>	Company JFA
Relinquished by <i>[Signature]</i>	Company JFA	Date / Time 6/29/16 1500	Received by <i>[Signature]</i>	Company JFA
Relinquished by	Company	Date / Time	Received by	Company
Relinquished by	Company	Date / Time	Received by	Company
Relinquished by	Company	Date / Time	Received by	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NU312), North Carolina (No. 578)

TAL-0016 (07/15)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS

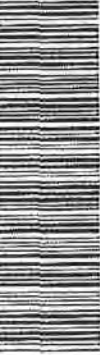
Name (for report and invoice) 101 Frost Street Associates/Next Millennium Realty Company		Samplers Name (Printed) Jessica Bluth		Site/Project Identification Frost Street Sites, Westbury NY	
Address 16 Spring Street City Oyster Bay State NY 11771		P.O.# SPGL 100.01		State (Location of site): NJ: ☐ NY: ☒ Other: ☐	
Phone (516) 624-7200 Fax (516) 624-3219		Analysis Turnaround Time Standard ☒ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐		Regulatory Program: ☐ DKOP: ☐	
Sample Identification		Date	Time	Matrix	No. of Cont.
FSMW-2A 06292016	6/29/16	1530	AQ	3	
FSMW-2B 06292016	6/29/16	1400	AQ	3	
Trip Blank 06302016	6/30/16	—	AQ	2	
Equipment 06302016	6/30/16	0730	AQ	3	
FSMW-8A 06302016	6/30/16	0805	AQ	3	
FSMW-14B 06302016	6/30/16	1220	AQ	3	
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH 6 = Other, 7 = Other, 8 = Water		Soil: ☐ Water: ☒			

Special Instructions *Cat B Deliverables, PPF & EDD TO: KSCORP@walden-associates.com		Water Metals Filtered (Yes/No)? N/A	
Relinquished by J. B. Walden	Company Walden	Date / Time 6/30/16 1245	Received by J. B. Walden
Relinquished by J. B. Walden	Company Walden	Date / Time 6/30/16 1500	Received by Alex Arieno
Relinquished by	Company	Date / Time	Received by
Relinquished by	Company	Date / Time	Received by
Relinquished by	Company	Date / Time	Received by

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578) #7 2016

TAL - 0016 (0715)



460-116377 Chain of Custody

n Road
sey 08817
9-3900 Fax: (732) 549-3679

Page 1 of 1

Login Sample Receipt Checklist

Client: Walden Associates

Job Number: 460-116243-1

Login Number: 116243

List Source: TestAmerica Edison

List Number: 1

Creator: Wisnewski, Kelly R

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	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	1.9°C, IR#7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Login Sample Receipt Checklist

Client: Walden Associates

Job Number: 460-116243-1

Login Number: 116243

List Source: TestAmerica Edison

List Number: 2

Creator: Rivera, Kenneth

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs).		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		

Login Sample Receipt Checklist

Client: Walden Associates

Job Number: 460-116377-1

Login Number: 116377

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.7° C IR #7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Walden Associates

Job Number: 460-116377-1

Login Number: 116377

List Number: 2

Creator: Hall, Alonzo

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs)..		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		

Login Sample Receipt Checklist

Client: Walden Associates

Job Number: 460-116438-1

Login Number: 116438

List Source: TestAmerica Edison

List Number: 1

Creator: Wisnewski, Kelly R

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	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	2.2°C, IR#7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Login Sample Receipt Checklist

Client: Walden Associates

Job Number: 460-116438-1

Login Number: 116438

List Source: TestAmerica Edison

List Number: 2

Creator: Wisnewski, Kelly R

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs)..		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		

Appendix B
SDG Narratives

Job Narrative
460-116243-1

Receipt

The samples were received on 6/29/2016 3:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.9° C.

GC/MS VOA

Method(s) OLM04.2/VOL: The following samples were diluted to bring the concentration of target analytes within the calibration range: FSMW-4A 06292015 (460-116243-3) and Duplicate 06292016 (460-116243-5). Elevated reporting limits (RLs) are provided.

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

VOA Prep

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

Job Narrative
460-116377-1

Receipt

The samples were received on 6/30/2016 3:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1° C.

GC/MS VOA

Method(s) OLM04.2/VOL: The following samples were diluted to bring the concentration of target analytes within the calibration range: FSMW-2A 06292016 (460-116377-1) and FSMW-14B 06302016 (460-116377-6). Elevated reporting limits (RLs) are provided.

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

VOA Prep

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

Job Narrative
460-116438-1

Receipt

The samples were received on 7/1/2016 4:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.2° C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed.

*Client requested method OLM3.2; method OLM4.2 listed in project.

GC/MS VOA

Method(s) OLM04.2/VOL: The following samples were diluted to bring the concentration of target analytes within the calibration range: Duplicate 07012016 (460-116438-3), Duplicate 06302016 (460-116438-4), FSMW-1A 07012016 (460-116438-6) and FSMW-14A 07012016 (460-116438-7). Elevated reporting limits (RLs) are provided.

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

VOA Prep

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

Appendix C
Data Summary Form I's with Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-116243-1

SDG No.: _____

Client Sample ID: Trip Blank 06292016

Lab Sample ID: 460-116243-1

Matrix: Water

Lab File ID: V45697.D

Analysis Method: OLM04.2/VOL

Date Collected: 06/29/2016 00:00

Sample wt/vol: 5 (mL)

Date Analyzed: 07/07/2016 08:39

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.: 377690

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	13		10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	20	J	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

Long
10/14/16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-116243-1

SDG No.:

Client Sample ID: Equipment 06292016

Lab Sample ID: 460-116243-2

Matrix: Water

Lab File ID: V45699.D

Analysis Method: OLM04.2/VOL

Date Collected: 06/29/2016 08:20

Sample wt/vol: 5 (mL)

Date Analyzed: 07/07/2016 09:28

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.: 377690

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

Signature
07/15/2016

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-116243-1

SDG No.:

Client Sample ID: FSMW-4A 06292015

Lab Sample ID: 460-116243-3

Matrix: Water

Lab File ID: V45732.D

Analysis Method: OLM04.2/VOL

Date Collected: 06/29/2016 10:30

Sample wt/vol: 5 (mL)

Date Analyzed: 07/08/2016 03:23

Soil Aliquot Vol:

Dilution Factor: 2

Soil Extract Vol.:

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

% Moisture:

Level: (low/med) Low

Analysis Batch No.: 377886

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.20	U	20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	20	0.20
78-87-5	1,2-Dichloropropane	0.20	U	20	0.20
78-93-3	2-Butanone (MEK)	0.20	U	20	0.20
591-78-6	2-Hexanone	0.20	U	20	0.20
108-10-1	4-Methyl-2-pentanone (MIBK)	0.20	U	20	0.20
67-64-1	Acetone	0.20	U	20	0.20
71-43-2	Benzene	0.20	U	20	0.20
75-27-4	Dichlorobromomethane	0.20	U	20	0.20
75-25-2	Bromoform	0.20	U	20	0.20
74-83-9	Bromomethane	0.20	U	20	0.20
75-15-0	Carbon disulfide	0.20	U	20	0.20
56-23-5	Carbon tetrachloride	0.20	U	20	0.20
108-90-7	Chlorobenzene	0.20	U	20	0.20
124-48-1	Chlorodibromomethane	0.20	U	20	0.20
75-00-3	Chloroethane	0.20	U	20	0.20
67-66-3	Chloroform	0.20	U	20	0.20
74-87-3	Chloromethane	0.20	U	20	0.20
156-59-2	cis-1,2-Dichloroethene	15	J	20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	20	0.20
100-41-4	Ethylbenzene	0.20	U	20	0.20
75-09-2	Methylene Chloride	0.20	U	20	0.20
100-42-5	Styrene	0.20	U	20	0.20
127-18-4	Tetrachloroethene	300		20	0.20
108-88-3	Toluene	0.20	U	20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	20	0.20
79-01-6	Trichloroethene	10	J	20	0.20
75-01-4	Vinyl chloride	0.20	U	20	0.20
1330-20-7	Xylenes, Total	0.20	U	20	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-116243-1

SDG No.: _____

Client Sample ID: FSMW-4B 06292016

Lab Sample ID: 460-116243-4

Matrix: Water

Lab File ID: V45701.D

Analysis Method: OLM04.2/VOL

Date Collected: 06/29/2016 09:20

Sample wt/vol: 5(mL)

Date Analyzed: 07/07/2016 10:16

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.: 377690

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	13		10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.83	J	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-116243-1

SDG No.: _____

Client Sample ID: Duplicate 06292016

Lab Sample ID: 460-116243-5

Matrix: Water

Lab File ID: V45734.D

Analysis Method: OLM04.2/VOL

Date Collected: 06/29/2016 00:00

Sample wt/vol: 5 (mL)

Date Analyzed: 07/08/2016 04:10

Soil Aliquot Vol: _____

Dilution Factor: 2

Soil Extract Vol.: _____

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

% Moisture: _____

Level: (low/med) Low

Analysis Batch No.: 377886

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.20	U	20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	20	0.20
78-87-5	1,2-Dichloropropane	0.20	U	20	0.20
78-93-3	2-Butanone (MEK)	0.20	U	20	0.20
591-78-6	2-Hexanone	0.20	U	20	0.20
108-10-1	4-Methyl-2-pentanone (MIBK)	0.20	U	20	0.20
67-64-1	Acetone	0.20	U	20	0.20
71-43-2	Benzene	0.20	U	20	0.20
75-27-4	Dichlorobromomethane	0.20	U	20	0.20
75-25-2	Bromoform	0.20	U	20	0.20
74-83-9	Bromomethane	0.20	U	20	0.20
75-15-0	Carbon disulfide	0.20	U	20	0.20
56-23-5	Carbon tetrachloride	0.20	U	20	0.20
108-90-7	Chlorobenzene	0.20	U	20	0.20
124-48-1	Chlorodibromomethane	0.20	U	20	0.20
75-00-3	Chloroethane	0.20	U	20	0.20
67-66-3	Chloroform	0.20	U	20	0.20
74-87-3	Chloromethane	0.20	U	20	0.20
156-59-2	cis-1,2-Dichloroethene	14	J	20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	20	0.20
100-41-4	Ethylbenzene	0.20	U	20	0.20
75-09-2	Methylene Chloride	0.20	U	20	0.20
100-42-5	Styrene	0.20	U	20	0.20
127-18-4	Tetrachloroethene	310		20	0.20
108-88-3	Toluene	0.20	U	20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	20	0.20
79-01-6	Trichloroethene	9.8	J	20	0.20
75-01-4	Vinyl chloride	0.20	U	20	0.20
1330-20-7	Xylenes, Total	0.20	U	20	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Client Sample ID: FSMW-2A 06292016 Lab Sample ID: 460-116377-1
 Matrix: Water Lab File ID: V45707.D
 Analysis Method: OLM04.2/VOL Date Collected: 06/29/2016 15:30
 Sample wt/vol: 5(mL) Date Analyzed: 07/07/2016 12:43
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 377690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	100	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	100	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	100	1.0
75-34-3	1,1-Dichloroethane	1.0	U	100	1.0
75-35-4	1,1-Dichloroethene	1.0	U	100	1.0
107-06-2	1,2-Dichloroethane	1.0	U	100	1.0
78-87-5	1,2-Dichloropropane	1.0	U	100	1.0
78-93-3	2-Butanone (MEK)	1.0	U	100	1.0
591-78-6	2-Hexanone	1.0	U	100	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	100	1.0
67-64-1	Acetone	1.0	U	100	1.0
71-43-2	Benzene	1.0	U	100	1.0
75-27-4	Dichlorobromomethane	1.0	U	100	1.0
75-25-2	Bromoform	1.0	U	100	1.0
74-83-9	Bromomethane	1.0	U	100	1.0
75-15-0	Carbon disulfide	1.0	U	100	1.0
56-23-5	Carbon tetrachloride	1.0	U	100	1.0
108-90-7	Chlorobenzene	1.0	U	100	1.0
124-48-1	Chlorodibromomethane	1.0	U	100	1.0
75-00-3	Chloroethane	1.0	U	100	1.0
67-66-3	Chloroform	1.0	U	100	1.0
74-87-3	Chloromethane	1.0	U	100	1.0
156-59-2	cis-1,2-Dichloroethene	17	J	100	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	100	1.0
100-41-4	Ethylbenzene	1.0	U	100	1.0
75-09-2	Methylene Chloride	1.0	U	100	1.0
100-42-5	Styrene	1.0	U	100	1.0
127-18-4	Tetrachloroethene	1000		100	1.0
108-88-3	Toluene	1.0	U	100	1.0
156-60-5	trans-1,2-Dichloroethene	1.0	U	100	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	100	1.0
79-01-6	Trichloroethene	32	J	100	1.0
75-01-4	Vinyl chloride	1.0	U	100	1.0
1330-20-7	Xylenes, Total	1.0	U	100	1.0

Signature
07/10/2016

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Client Sample ID: FSMW-2B 06292016 Lab Sample ID: 460-116377-2
 Matrix: Water Lab File ID: V45702.D
 Analysis Method: OLM04.2/VOL Date Collected: 06/29/2016 14:00
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 10:40
 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.: 377690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	2.1	J	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.16	J	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Client Sample ID: Trip Blank 06302016 Lab Sample ID: 460-116377-3
 Matrix: Water Lab File ID: V45698.D
 Analysis Method: OLM04.2/VOL Date Collected: 06/30/2016 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 07/07/2016 09:03
 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.: 377690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	2.3	J	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Client Sample ID: Equipment 06302016 Lab Sample ID: 460-116377-4
 Matrix: Water Lab File ID: V45700.D
 Analysis Method: OLM04.2/VOL Date Collected: 06/30/2016 07:30
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 09:52
 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.: 377690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Client Sample ID: FSMW-8A 06302016 Lab Sample ID: 460-116377-5
 Matrix: Water Lab File ID: V45730.D
 Analysis Method: OLM04.2/VOL Date Collected: 06/30/2016 08:05
 Sample wt/vol: 5(mL) Date Analyzed: 07/08/2016 02:35
 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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	14		10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	120		10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	6.8	J	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116377-1
 SDG No.: _____
 Client Sample ID: FSMW-14B 06302016 Lab Sample ID: 460-116377-6
 Matrix: Water Lab File ID: V45708.D
 Analysis Method: OLM04.2/VOL Date Collected: 06/30/2016 12:20
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 13:07
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 377690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	200	2.0
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	200	2.0
79-00-5	1,1,2-Trichloroethane	2.0	U	200	2.0
75-34-3	1,1-Dichloroethane	2.0	U	200	2.0
75-35-4	1,1-Dichloroethene	2.0	U	200	2.0
107-06-2	1,2-Dichloroethane	2.0	U	200	2.0
78-87-5	1,2-Dichloropropane	2.0	U	200	2.0
78-93-3	2-Butanone (MEK)	2.0	U	200	2.0
591-78-6	2-Hexanone	2.0	U	200	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	U	200	2.0
67-64-1	Acetone	2.0	U	200	2.0
71-43-2	Benzene	2.0	U	200	2.0
75-27-4	Dichlorobromomethane	2.0	U	200	2.0
75-25-2	Bromoform	2.0	U	200	2.0
74-83-9	Bromomethane	2.0	U	200	2.0
75-15-0	Carbon disulfide	2.0	U	200	2.0
56-23-5	Carbon tetrachloride	2.0	U	200	2.0
108-90-7	Chlorobenzene	2.0	U	200	2.0
124-48-1	Chlorodibromomethane	2.0	U	200	2.0
75-00-3	Chloroethane	2.0	U	200	2.0
67-66-3	Chloroform	2.0	U	200	2.0
74-87-3	Chloromethane	2.0	U	200	2.0
156-59-2	cis-1,2-Dichloroethene	2.0	U	200	2.0
10061-01-5	cis-1,3-Dichloropropene	2.0	U	200	2.0
100-41-4	Ethylbenzene	2.0	U	200	2.0
75-09-2	Methylene Chloride	2.0	U	200	2.0
100-42-5	Styrene	2.0	U	200	2.0
127-18-4	Tetrachloroethene	2000		200	2.0
108-88-3	Toluene	2.0	U	200	2.0
156-60-5	trans-1,2-Dichloroethene	2.0	U	200	2.0
10061-02-6	trans-1,3-Dichloropropene	2.0	U	200	2.0
79-01-6	Trichloroethene	23	J	200	2.0
75-01-4	Vinyl chloride	2.0	U	200	2.0
1330-20-7	Xylenes, Total	2.0	U	200	2.0

for 10/12/16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
 SDG No.: _____
 Client Sample ID: Trip Blank 07012016 Lab Sample ID: 460-116438-1
 Matrix: Water Lab File ID: V45720.D
 Analysis Method: OLM04.2/VOL Date Collected: 07/01/2016 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 07/07/2016 22:34
 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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	2.1	J	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
 SDG No.: _____
 Client Sample ID: Equipment 07012016 Lab Sample ID: 460-116438-2
 Matrix: Water Lab File ID: V45721.D
 Analysis Method: OLM04.2/VOL Date Collected: 07/01/2016 12:45
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2016 22:58
 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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.10	U	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	0.10	U	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	0.10	U	10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	0.10	U	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

80/10/12/16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
 SDG No.: _____
 Client Sample ID: Duplicate 07012016 Lab Sample ID: 460-116438-3
 Matrix: Water (FSM111-1A) Lab File ID: V45738.D
 Analysis Method: OLM04.2/VOL 07012016 Date Collected: 07/01/2016 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2016 05:47
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.20	U	20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	20	0.20
78-87-5	1,2-Dichloropropane	0.20	U	20	0.20
78-93-3	2-Butanone (MEK)	0.20	U	20	0.20
591-78-6	2-Hexanone	0.20	U	20	0.20
108-10-1	4-Methyl-2-pentanone (MIBK)	0.20	U	20	0.20
67-64-1	Acetone	0.20	U	20	0.20
71-43-2	Benzene	0.20	U	20	0.20
75-27-4	Dichlorobromomethane	0.20	U	20	0.20
75-25-2	Bromoform	0.20	U	20	0.20
74-83-9	Bromomethane	0.20	U	20	0.20
75-15-0	Carbon disulfide	0.20	U	20	0.20
56-23-5	Carbon tetrachloride	0.20	U	20	0.20
108-90-7	Chlorobenzene	0.20	U	20	0.20
124-48-1	Chlorodibromomethane	0.20	U	20	0.20
75-00-3	Chloroethane	0.20	U	20	0.20
67-66-3	Chloroform	0.20	U	20	0.20
74-87-3	Chloromethane	0.20	U	20	0.20
156-59-2	cis-1,2-Dichloroethene	17	J	20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	20	0.20
100-41-4	Ethylbenzene	0.20	U	20	0.20
75-09-2	Methylene Chloride	0.20	U	20	0.20
100-42-5	Styrene	0.20	U	20	0.20
127-18-4	Tetrachloroethene	250		20	0.20
108-88-3	Toluene	0.20	U	20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	20	0.20
79-01-6	Trichloroethene	41		20	0.20
75-01-4	Vinyl chloride	0.20	U	20	0.20
1330-20-7	Xylenes, Total	0.20	U	20	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
 SDG No.: _____
 Client Sample ID: Duplicate 06302016 Lab Sample ID: 460-116438-4
 Matrix: Water (FSMU-14A) Lab File ID: V45727.D
 Analysis Method: OLM04.2/VOL (06302016) Date Collected: 06/30/2016 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 07/08/2016 01:24
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	200	2.0
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	200	2.0
79-00-5	1,1,2-Trichloroethane	2.0	U	200	2.0
75-34-3	1,1-Dichloroethane	2.0	U	200	2.0
75-35-4	1,1-Dichloroethene	2.0	U	200	2.0
107-06-2	1,2-Dichloroethane	2.0	U	200	2.0
78-87-5	1,2-Dichloropropane	2.0	U	200	2.0
78-93-3	2-Butanone (MEK)	2.0	U	200	2.0
591-78-6	2-Hexanone	2.0	U	200	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	U	200	2.0
67-64-1	Acetone	2.0	U	200	2.0
71-43-2	Benzene	2.0	U	200	2.0
75-27-4	Dichlorobromomethane	2.0	U	200	2.0
75-25-2	Bromoform	2.0	U	200	2.0
74-83-9	Bromomethane	2.0	U	200	2.0
75-15-0	Carbon disulfide	2.0	U	200	2.0
56-23-5	Carbon tetrachloride	2.0	U	200	2.0
108-90-7	Chlorobenzene	2.0	U	200	2.0
124-48-1	Chlorodibromomethane	2.0	U	200	2.0
75-00-3	Chloroethane	2.0	U	200	2.0
67-66-3	Chloroform	2.0	U	200	2.0
74-87-3	Chloromethane	2.0	U	200	2.0
156-59-2	cis-1,2-Dichloroethene	17	J	200	2.0
10061-01-5	cis-1,3-Dichloropropene	2.0	U	200	2.0
100-41-4	Ethylbenzene	2.0	U	200	2.0
75-09-2	Methylene Chloride	2.0	U	200	2.0
100-42-5	Styrene	2.0	U	200	2.0
127-18-4	Tetrachloroethene	2100		200	2.0
108-88-3	Toluene	2.0	U	200	2.0
156-60-5	trans-1,2-Dichloroethene	2.0	U	200	2.0
10061-02-6	trans-1,3-Dichloropropene	2.0	U	200	2.0
79-01-6	Trichloroethene	57	J	200	2.0
75-01-4	Vinyl chloride	2.0	U	200	2.0
1330-20-7	Xylenes, Total	2.0	U	200	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-116438-1
 SDG No.: _____
 Client Sample ID: FSMW-13A 07012016 Lab Sample ID: 460-116438-5
 Matrix: Water Lab File ID: V45736.D
 Analysis Method: OLM04.2/VOL Date Collected: 07/01/2016 08:55
 Sample wt/vol: 5(mL) Date Analyzed: 07/08/2016 04:59
 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.: 377886 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.10	U	10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	10	0.10
79-00-5	1,1,2-Trichloroethane	0.10	U	10	0.10
75-34-3	1,1-Dichloroethane	0.10	U	10	0.10
75-35-4	1,1-Dichloroethene	0.10	U	10	0.10
107-06-2	1,2-Dichloroethane	0.10	U	10	0.10
78-87-5	1,2-Dichloropropane	0.96	J	10	0.10
78-93-3	2-Butanone (MEK)	0.10	U	10	0.10
591-78-6	2-Hexanone	0.10	U	10	0.10
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	U	10	0.10
67-64-1	Acetone	0.10	U	10	0.10
71-43-2	Benzene	0.10	U	10	0.10
75-27-4	Dichlorobromomethane	0.10	U	10	0.10
75-25-2	Bromoform	0.10	U	10	0.10
74-83-9	Bromomethane	0.10	U	10	0.10
75-15-0	Carbon disulfide	0.10	U	10	0.10
56-23-5	Carbon tetrachloride	0.10	U	10	0.10
108-90-7	Chlorobenzene	0.10	U	10	0.10
124-48-1	Chlorodibromomethane	0.10	U	10	0.10
75-00-3	Chloroethane	0.10	U	10	0.10
67-66-3	Chloroform	0.10	U	10	0.10
74-87-3	Chloromethane	0.10	U	10	0.10
156-59-2	cis-1,2-Dichloroethene	5.4	J	10	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10	U	10	0.10
100-41-4	Ethylbenzene	0.10	U	10	0.10
75-09-2	Methylene Chloride	0.10	U	10	0.10
100-42-5	Styrene	0.10	U	10	0.10
127-18-4	Tetrachloroethene	180		10	0.10
108-88-3	Toluene	0.10	U	10	0.10
156-60-5	trans-1,2-Dichloroethene	0.10	U	10	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10	U	10	0.10
79-01-6	Trichloroethene	6.0	J	10	0.10
75-01-4	Vinyl chloride	0.10	U	10	0.10
1330-20-7	Xylenes, Total	0.10	U	10	0.10

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-116438-1

SDG No.: _____

Client Sample ID: FSMW-1A 07012016

Lab Sample ID: 460-116438-6

Matrix: Water

Lab File ID: V45739.D

Analysis Method: OLM04.2/VOL

Date Collected: 07/01/2016 11:10

Sample wt/vol: 5 (mL)

Date Analyzed: 07/08/2016 06:11

Soil Aliquot Vol: _____

Dilution Factor: 2

Soil Extract Vol.: _____

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

% Moisture: _____

Level: (low/med) Low

Analysis Batch No.: 377886

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.20	U	20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	20	0.20
78-87-5	1,2-Dichloropropane	0.20	U	20	0.20
78-93-3	2-Butanone (MEK)	0.20	U	20	0.20
591-78-6	2-Hexanone	0.20	U	20	0.20
108-10-1	4-Methyl-2-pentanone (MIBK)	0.20	U	20	0.20
67-64-1	Acetone	0.20	U	20	0.20
71-43-2	Benzene	0.20	U	20	0.20
75-27-4	Dichlorobromomethane	0.20	U	20	0.20
75-25-2	Bromoform	0.20	U	20	0.20
74-83-9	Bromomethane	0.20	U	20	0.20
75-15-0	Carbon disulfide	0.20	U	20	0.20
56-23-5	Carbon tetrachloride	0.20	U	20	0.20
108-90-7	Chlorobenzene	0.20	U	20	0.20
124-48-1	Chlorodibromomethane	0.20	U	20	0.20
75-00-3	Chloroethane	0.20	U	20	0.20
67-66-3	Chloroform	0.20	U	20	0.20
74-87-3	Chloromethane	0.20	U	20	0.20
156-59-2	cis-1,2-Dichloroethene	17	J	20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	20	0.20
100-41-4	Ethylbenzene	0.20	U	20	0.20
75-09-2	Methylene Chloride	0.20	U	20	0.20
100-42-5	Styrene	0.20	U	20	0.20
127-18-4	Tetrachloroethene	240		20	0.20
108-88-3	Toluene	0.20	U	20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	20	0.20
79-01-6	Trichloroethene	43		20	0.20
75-01-4	Vinyl chloride	0.20	U	20	0.20
1330-20-7	Xylenes, Total	0.20	U	20	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-116438-1

SDG No.: _____

Client Sample ID: FSMW-14A 07012016

Lab Sample ID: 460-116438-7

Matrix: Water

Lab File ID: V45728.D

Analysis Method: OLM04.2/VOL

Date Collected: 06/30/2016 15:05

Sample wt/vol: 5(mL)

Date Analyzed: 07/08/2016 01:47

Soil Aliquot Vol: _____

Dilution Factor: 20

Soil Extract Vol.: _____

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

% Moisture: _____

Level: (low/med) Low

Analysis Batch No.: 377886

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	200	2.0
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	200	2.0
79-00-5	1,1,2-Trichloroethane	2.0	U	200	2.0
75-34-3	1,1-Dichloroethane	2.0	U	200	2.0
75-35-4	1,1-Dichloroethene	2.0	U	200	2.0
107-06-2	1,2-Dichloroethane	2.0	U	200	2.0
78-87-5	1,2-Dichloropropane	2.0	U	200	2.0
78-93-3	2-Butanone (MEK)	2.0	U	200	2.0
591-78-6	2-Hexanone	2.0	U	200	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	U	200	2.0
67-64-1	Acetone	2.0	U	200	2.0
71-43-2	Benzene	2.0	U	200	2.0
75-27-4	Dichlorobromomethane	2.0	U	200	2.0
75-25-2	Bromoform	2.0	U	200	2.0
74-83-9	Bromomethane	2.0	U	200	2.0
75-15-0	Carbon disulfide	2.0	U	200	2.0
56-23-5	Carbon tetrachloride	2.0	U	200	2.0
108-90-7	Chlorobenzene	2.0	U	200	2.0
124-48-1	Chlorodibromomethane	2.0	U	200	2.0
75-00-3	Chloroethane	2.0	U	200	2.0
67-66-3	Chloroform	2.0	U	200	2.0
74-87-3	Chloromethane	2.0	U	200	2.0
156-59-2	cis-1,2-Dichloroethene	18	J	200	2.0
10061-01-5	cis-1,3-Dichloropropene	2.0	U	200	2.0
100-41-4	Ethylbenzene	2.0	U	200	2.0
75-09-2	Methylene Chloride	2.0	U	200	2.0
100-42-5	Styrene	2.0	U	200	2.0
127-18-4	Tetrachloroethene	2100		200	2.0
108-88-3	Toluene	2.0	U	200	2.0
156-60-5	trans-1,2-Dichloroethene	2.0	U	200	2.0
10061-02-6	trans-1,3-Dichloropropene	2.0	U	200	2.0
79-01-6	Trichloroethene	62	J	200	2.0
75-01-4	Vinyl chloride	2.0	U	200	2.0
1330-20-7	Xylenes, Total	2.0	U	200	2.0

80/10/12/16