

Via email to rob.decandia@dec.ny.gov

September 21, 2018

Mr. Robert D. DeCandia Jr. P.E.
NYSDEC, Division of Environmental Remediation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Re: Quarterly Groundwater Monitoring Report – Second Quarter 2018
Frost Street Sites: Site ID #s 1-30043 I, L, M
New Cassel Industrial Area, Westbury, New York

Dear Mr. DeCandia:

EnSafe Inc. is pleased to submit this Quarterly Groundwater Monitoring Report for Second Quarter (Q2) 2018 sampling activities at the Frost Street Sites (Site ID #s 1-30043 I, L, M) in Westbury, New York. Long-term groundwater monitoring is performed at the site to evaluate the performance of the air sparge (AS)/soil vapor extraction (SVE) system, which was installed in 2005 as part of the selected remedy for soil and groundwater at the site. The groundwater extraction system was made operational after the first quarter 2018 sampling event (March 2018); a revised sampling plan to incorporate monitoring for this new system is forthcoming in the Site Management Plan.

Groundwater sampling at the Frost Street Sites is performed in accordance with the NYSDEC-approved Final Engineering Report and Operation, Maintenance and Monitoring (OM&M) Plan (Walden, June 2006) and the NYSDEC-approved Monitoring Well Sampling Addendum (EnSafe, January 25, 2016). Figure 1 shows the site related monitoring wells and sampling frequency; Figure 2 shows the AS/SVE wells and system in its current configuration.

Sampling Summary

The second quarter groundwater sampling event was performed on June 26, 27, and 28, 2018, at which time groundwater samples were collected from the nine quarterly monitoring wells in accordance with the OM&M Plan and Sampling Addendum.

- All site-related monitoring wells were gauged for depth to groundwater on June 27, 2018. All wells were accessible except for FSMW-1A and FSMW-1B, which were gauged on June 28, 2018. Depth to water and calculated groundwater elevations are shown on Table 1; historical data is shown on Figure 2. As shown on Figures 3 and 4, groundwater flow is to the south/southwest, towards the newly installed extraction wells.^{1,2} The Frost Street Parties are awaiting NYSDEC review of the *Expanded Pumping Test Summary, Findings, and Recommendations*, submitted on August 10, 2018.
- Samples were collected from FSMW-1A, FSMW-2A, FSMW-2B, FSMW-4A, FSMW-4B, FSMW-8A, FSMW-13A, FSMW-14A and FSMW-14B and analyzed for volatile organic compounds (VOCs).
- Quality control samples were collected in accordance with the Quality Assurance Project Plan (QAPP) and include one equipment blank (Equipment 06282018), one blind field duplicate (Duplicate-01 06272018), and one trip blank (Trip Blank 06262018).
- 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 300 gallons of accumulated purge water was temporarily stored in an upright polypropylene tank, filtered through activated carbon, sampled for permit compliance, 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

¹ Past versions of this report have included groundwater monitoring well construction information and historical water level measurements and elevations prior to AS/SVE system startup in 2005. From this report forward, those data will not be reported in the groundwater monitoring reports.

² Monitoring wells were resurveyed in 2018; groundwater elevations calculated using this data are based on revised well elevations, as indicated in the tables.

Services Protocol (ASP) Category B.

Data Validation Summary

The TestAmerica analytical data packages for the second quarter 2018 samples were validated to evaluate the analytical laboratory's ability to meet the data quality objectives provided in the QAPP, in accordance with U.S. EPA's (Region II) Contract Laboratory Program National Functional Guidelines for Organic Data Review. The data usability summary report and laboratory data analytical report is attached as Appendix A. 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 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 samples from FSMW-14A and FSMW-14B were diluted to bring the concentration of target analytes within the calibration range; all other groundwater samples were analyzed undiluted.

Summary of Analytical Results

Table 3 presents the second quarter 2018 VOC concentrations; Table 4 presents the VOC concentrations for all quarterly and annual groundwater monitoring events performed to date. The validated second quarter 2018 analytical data was submitted to NYSDEC on August 23, 2018 in accordance with the Electronic Data Deliverable requirements (accepted for upload by NYSDEC on August 30, 2018).

Groundwater analytical results are consistent with prior samples collected from the select monitoring wells sampled this quarter. Slight decreases in tetrachloroethene (PCE) and trichloroethene (TCE) concentrations from the previous quarter's results can be noted at all wells except FSMW-4A and FSMW-13A, which showed slight increases. These minor fluctuations are consistent with recent results of 2017 and 2018, but in general all wells sampled exhibit an overall decreasing trend since AS/SVE operation and optimization performed in 2015.

Recommendations

Continued operation of the AS/SVE system should further decrease PCE and TCE concentrations in monitoring wells located within the radius of influence of the system. Fluctuations at FSMW-1A (and increases at LRF-1; results submitted in the *March 2018 Comprehensive Groundwater Monitoring Report* [Walden, July 2018]) should be further monitored and evaluated to determine if the AS/SVE system is

adequately addressing groundwater impacts in that area of the site. The performance of the AS/SVE system should also be evaluated near the FSMW-8 wells to determine if asymptotic conditions have been reached. Operation of the groundwater extraction system should further decrease concentrations at offsite wells located downgradient of the extraction wells (FSMW-13 and FSMW-14).³

If you have any questions or require additional information, please do not hesitate to contact me at 860-665-1140 or astark@ensafe.com.

Sincerely,

EnSafe, Inc., by



Alexandra Stark, P.E.

Attachments

Tables

- 1 Groundwater Elevations – Second Quarter 2018
- 2 Historical Groundwater Elevations
- 3 Groundwater Monitoring Results – Second Quarter 2018
- 4 Historical Groundwater Monitoring Results

Figures

- 1 Monitoring and Extraction Wells
- 2 AS/SVE System
- 3 Potentiometric Surface Map, Group A Wells (58-74 feet bgs), Second Quarter 2018
- 4 Potentiometric Surface Map, Group B Wells (114-149 feet bgs), Second Quarter 2018

Appendix

- A June 2018 Groundwater Sampling Data Usability Summary Report and Laboratory Analytical Data

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³ A comprehensive trend analysis at each active monitoring well will be performed in the next annual/fifth quarter monitoring report (second quarter 2019).

J. Privitera, Esq.
P. Coop, EnSafe

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Tables

Table 1
Groundwater Elevations - Second Quarter 2018

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used starting Q2 2018 ¹ (feet AMSL)	Q2 2018 (6/27 and 6/28/2018)	
				Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
LRF-1	50-70	4	125.65	NM	NM
FSMW-1A	58-68	2	126.03	55.74	70.29
FSMW-1B	117-127	2	125.97	55.96	70.01
FSMW-2A	60-70	4	124.74	54.78	69.96
FSMW-2B	114-124	2	125.05	55.13	69.92
FSMW-3A	60-70	2	126.15	56.20	69.95
FSMW-3B	135-145	2	126.23	56.45	69.78
FSMW-4A	60-70	2	123.95	54.31	69.64
FSMW-4B	137-147	2	123.57	54.02	69.55
FSMW-5A	60-70	2	118.05	49.78	68.27
FSMW-5B	130-140	2	117.99	49.70	68.29
FSMW-6A	59-69	2	119.17	50.92	68.25
FSMW-6B	137-147	2	119.36	51.39	67.97
FSMW-7A	60-70	2	121.26	53.30	67.96
FSMW-7B	136-146	2	121.44	53.71	67.73
FSMW-8A	64-74	2	121.64	52.20	69.44
FSMW-8B	132-142	2	121.75	52.39	69.36
FSMW-8C	170-180	2	121.43	52.43	69.00
FSMW-8D	223-233	2	121.65	52.62	69.03
FSMW-9A	60-70	2	124.10	55.55	68.55
FSMW-9B	137-147	2	123.91	55.36	68.55
FSMW-10A	60-70	2	123.59	54.87	68.72
FSMW-10B	137-147	2	123.68	55.11	68.57
FSMW-11	139-149	2	119.34	51.19	68.15
FSMW-12	139-149	2	121.30	53.34	67.96
FSMW-13A	69-79	2	118.00	49.35	68.65
FSMW-13B	119-129	2	117.94	49.38	68.56
FSMW-13C	239-249	2	117.81	49.62	68.19
FSMW-14A	119-129	2	117.16	49.02	68.14
FSMW-14B	159-169	2	117.36	49.05	68.31
FSMW-14C	239-249	2	117.19	50.13	67.06
FSMW-19A	70-80	2	120.32	51.52	68.80
FSMW-19B	120-130	2	120.22	51.43	68.79
FSMW-19C	170-180	2	120.17	51.71	68.46
FSMW-19D	223-233	2	120.60	52.15	68.45

Notes:

1 All wells were resurveyed in 2018; well elevations presented herein are based on new elevations.
bgs below ground surface
AMSL above mean sea level

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	1/5/2005		9/1/2006		12/5/2006		3/6/2007	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
LRF-1	50-70	4	126.91	125.65	NM	NM	52.38	74.53	52.12	74.79	52.26	74.65
FSMW-1A	58-68	2	127.29	126.03	57.1	70.21	52.72	74.59	52.51	74.80	52.61	74.70
FSMW-1B	117-127	2	127.34	125.97	57.1	70.27	52.92	74.45	52.68	74.69	52.73	74.64
FSMW-2A	60-70	4	126.33	124.74	NM	NM	51.81	74.52	51.61	74.72	51.55	74.78
FSMW-2B	114-124	2	126.04	125.05	NM	NM	52.16	73.88	51.97	74.07	51.94	74.10
FSMW-3A	60-70	2	127.45	126.15	55.3	72.15	53.30	74.15	53.25	74.20	53.00	74.45
FSMW-3B	135-145	2	127.53	126.23	57.3	70.32	53.51	74.11	53.25	74.37	53.19	74.43
FSMW-4A	60-70	2	125.25	123.95	55.1	70.20	51.70	73.60	51.51	73.79	51.00	74.30
FSMW-4B	137-147	2	124.86	123.57	55.5	69.36	50.90	73.96	50.70	74.16	51.10	73.76
FSMW-5A	60-70	2	119.30	118.05	49.3	70.25	45.62	73.93	45.43	74.12	45.42	74.13
FSMW-5B	130-140	2	119.19	117.99	49.8	69.73	45.70	73.83	45.49	74.04	45.56	73.97
FSMW-6A	59-69	2	120.44	119.17	50.9	69.55	46.56	73.89	46.36	74.09	47.57	72.88
FSMW-6B	137-147	2	120.61	119.36	51.4	69.21	47.13	73.48	46.92	73.69	47.40	73.21
FSMW-7A	60-70	2	122.46	121.26	53.5	69.16	49.25	73.41	49.04	73.62	48.95	73.71
FSMW-7B	136-146	2	122.68	121.44	54.0	68.68	49.56	73.12	49.37	73.31	49.30	73.38
FSMW-8A	64-74	2	122.95	121.64	53.0	69.95	49.13	73.82	48.94	74.01	48.93	74.02
FSMW-8B	132-142	2	123.07	121.75	53.2	69.88	49.25	73.83	48.93	74.15	49.04	74.04
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	55.2	70.18	51.80	73.58	51.60	73.78	51.59	73.79
FSMW-9B	137-147	2	125.28	123.91	55.2	70.07	51.35	73.92	51.16	74.11	51.68	73.59
FSMW-10A	60-70	2	124.87	123.59	54.7	70.17	50.80	74.07	50.59	74.28	50.65	74.22
FSMW-10B	137-147	2	125.02	123.68	54.9	70.03	50.98	73.95	50.79	74.14	50.81	74.12
FSMW-11	139-149	2	120.80	119.34	51.2	69.60	47.14	73.66	46.95	73.85	46.92	73.88
FSMW-12	139-149	2	122.55	121.30	53.5	69.05	49.13	73.42	46.93	75.62	48.93	73.62
FSMW-13A	69-79	2	119.25	118.00	50.6	not surveyed	46.07	not surveyed	45.86	not surveyed	46.31	not surveyed
FSMW-13B	119-129	2	119.18	117.94	50.6	not surveyed	46.01	not surveyed	45.82	not surveyed	46.42	not surveyed
FSMW-13C	239-249	2	119.07	117.81	50.6	not surveyed	46.75	not surveyed	46.54	not surveyed	46.49	not surveyed
FSMW-14A	119-129	2	118.39	117.16	50.1	not surveyed	45.50	not surveyed	45.31	not surveyed	45.10	not surveyed
FSMW-14B	159-169	2	118.57	117.36	50.5	not surveyed	45.91	not surveyed	45.71	not surveyed	45.52	not surveyed
FSMW-14C	239-249	2	118.42	117.19	50.5	not surveyed	46.22	not surveyed	46.03	not surveyed	45.69	not surveyed
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	5/25/2007		8/31/2007		12/11/2007		3/7/2008	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
LRF-1	50-70	4	126.91	125.65	51.26	75.65	50.36	76.55	51.01	75.90	50.87	76.04
FSMW-1A	58-68	2	127.29	126.03	51.60	75.71	50.70	76.61	51.35	75.96	51.21	76.10
FSMW-1B	117-127	2	127.34	125.97	51.73	75.64	50.91	76.46	51.52	75.85	51.45	75.92
FSMW-2A	60-70	4	126.33	124.74	50.72	75.61	49.77	76.56	50.41	75.92	50.31	76.02
FSMW-2B	114-124	2	126.04	125.05	51.00	75.04	50.10	75.94	50.77	75.27	50.85	75.19
FSMW-3A	60-70	2	127.45	126.15	52.19	75.26	51.15	76.30	51.89	75.56	51.60	75.85
FSMW-3B	135-145	2	127.53	126.23	52.25	75.37	51.48	76.14	52.07	75.55	52.05	75.57
FSMW-4A	60-70	2	125.25	123.95	50.61	74.69	49.45	75.85	50.14	75.16	49.64	75.66
FSMW-4B	137-147	2	124.86	123.57	49.76	75.10	48.84	76.02	49.94	74.92	49.51	75.35
FSMW-5A	60-70	2	119.30	118.05	44.36	75.19	43.69	75.86	44.50	75.05	44.40	75.15
FSMW-5B	130-140	2	119.19	117.99	44.54	74.99	43.77	75.76	44.50	75.03	44.50	75.03
FSMW-6A	59-69	2	120.44	119.17	45.59	74.86	44.70	75.75	45.55	74.90	45.50	74.94
FSMW-6B	137-147	2	120.61	119.36	46.06	74.55	45.25	75.36	46.01	74.60	46.04	74.57
FSMW-7A	60-70	2	122.46	121.26	48.17	74.49	47.34	75.32	48.17	74.49	48.10	74.56
FSMW-7B	136-146	2	122.68	121.44	48.44	74.24	47.66	75.02	48.57	74.11	48.18	74.50
FSMW-8A	64-74	2	122.95	121.64	48.09	74.86	47.13	75.82	47.90	75.05	47.97	74.98
FSMW-8B	132-142	2	123.07	121.75	48.15	74.93	47.26	75.82	48.00	75.08	48.30	74.78
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	50.67	74.71	49.55	75.83	50.32	75.06	51.05	74.33
FSMW-9B	137-147	2	125.28	123.91	50.19	75.08	NA	NA	50.05	75.22	50.23	75.04
FSMW-10A	60-70	2	124.87	123.59	49.81	75.06	48.85	76.02	49.51	75.36	49.48	75.39
FSMW-10B	137-147	2	125.02	123.68	49.84	75.09	49.02	75.91	49.71	75.22	49.85	75.08
FSMW-11	139-149	2	120.80	119.34	46.05	74.75	45.23	75.57	46.00	74.80	46.00	74.80
FSMW-12	139-149	2	122.55	121.30	48.05	74.50	47.23	75.32	48.00	74.55	48.06	74.49
FSMW-13A	69-79	2	119.25	118.00	45.05	not surveyed	44.26	not surveyed	45.07	74.28	45.01	74.34
FSMW-13B	119-129	2	119.18	117.94	44.97	not surveyed	44.20	not surveyed	44.97	74.21	44.92	74.26
FSMW-13C	239-249	2	119.07	117.81	45.52	not surveyed	44.90	not surveyed	45.54	not surveyed	45.38	73.74
FSMW-14A	119-129	2	118.39	117.16	44.43	not surveyed	43.68	not surveyed	44.46	74.06	44.38	74.14
FSMW-14B	159-169	2	118.57	117.36	44.81	not surveyed	44.10	not surveyed	44.93	73.80	44.73	74.00
FSMW-14C	239-249	2	118.42	117.19	44.97	not surveyed	44.35	not surveyed	45.00	not surveyed	44.84	73.58
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	6/13/2008		9/30/2008		12/11/2008		3/9/2009	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
LRF-1	50-70	4	126.91	125.65	50.82	76.09	51.14	75.77	51.50	75.41	51.10	75.81
FSMW-1A	58-68	2	127.29	126.03	51.15	76.16	51.52	75.79	51.93	75.36	51.43	75.86
FSMW-1B	117-127	2	127.34	125.97	51.31	76.06	51.71	75.66	52.14	75.20	51.65	75.69
FSMW-2A	60-70	4	126.33	124.74	50.25	76.08	50.84	75.49	50.90	75.43	50.38	75.95
FSMW-2B	114-124	2	126.04	125.05	50.59	75.45	50.95	75.09	51.55	74.49	50.87	75.17
FSMW-3A	60-70	2	127.45	126.15	51.69	75.76	52.10	75.35	52.32	75.13	51.78	75.67
FSMW-3B	135-145	2	127.53	126.23	51.89	75.73	52.23	75.30	52.54	74.99	51.90	75.63
FSMW-4A	60-70	2	125.25	123.95	50.00	75.30	50.37	74.93	50.34	74.91	49.80	75.45
FSMW-4B	137-147	2	124.86	123.57	49.38	75.48	49.73	75.13	50.15	74.71	49.81	75.05
FSMW-5A	60-70	2	119.30	118.05	44.29	75.26	44.55	75.00	44.98	74.32	44.45	74.85
FSMW-5B	130-140	2	119.19	117.99	44.33	75.20	44.62	74.91	45.02	74.17	44.50	74.69
FSMW-6A	59-69	2	120.44	119.17	45.38	75.07	45.53	74.92	46.38	74.06	45.85	74.59
FSMW-6B	137-147	2	120.61	119.36	45.86	74.75	46.07	74.54	46.78	73.83	46.13	74.48
FSMW-7A	60-70	2	122.46	121.26	48.04	74.62	48.22	74.44	48.81	73.65	48.20	74.26
FSMW-7B	136-146	2	122.68	121.44	48.23	74.45	48.59	74.09	49.20	73.48	48.49	74.19
FSMW-8A	64-74	2	122.95	121.64	47.74	75.21	48.01	74.94	48.48	74.47	47.90	75.05
FSMW-8B	132-142	2	123.07	121.75	47.83	75.25	48.16	74.92	48.61	74.46	48.05	75.02
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	50.16	75.22	50.56	74.82	50.71	74.69	50.18	75.22
FSMW-9B	137-147	2	125.28	123.91	49.90	75.37	50.19	75.08	50.61	74.67	50.02	75.26
FSMW-10A	60-70	2	124.87	123.59	49.34	75.53	49.61	75.26	50.01	74.86	49.50	75.37
FSMW-10B	137-147	2	125.02	123.68	49.50	75.43	49.85	75.08	50.31	74.71	49.70	75.32
FSMW-11	139-149	2	120.80	119.34	45.82	74.98	46.06	74.74	46.55	74.25	45.96	74.84
FSMW-12	139-149	2	122.55	121.30	47.85	74.70	48.07	74.48	48.77	73.78	48.12	74.43
FSMW-13A	69-79	2	119.25	118.00	44.93	74.42	44.96	74.39	45.83	73.42	45.19	74.06
FSMW-13B	119-129	2	119.18	117.94	44.84	74.34	44.96	74.22	45.81	73.37	45.13	74.05
FSMW-13C	239-249	2	119.07	117.81	45.39	73.73	45.70	73.42	46.31	72.76	45.32	73.75
FSMW-14A	119-129	2	118.39	117.16	44.32	74.20	44.36	74.16	45.20	73.19	44.49	73.90
FSMW-14B	159-169	2	118.57	117.36	44.70	74.03	44.83	73.74	45.51	73.06	44.85	73.72
FSMW-14C	239-249	2	118.42	117.19	44.83	73.59	45.14	73.28	45.72	72.70	44.74	73.68
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	6/12/2009		10/5/2009		12/18/2009		3/11/2010	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
LRF-1	50-70	4	126.91	125.65	51.45	75.46	NM	NM	51.24	75.67	50.65	76.26
FSMW-1A	58-68	2	127.29	126.03	51.77	75.52	NM	NM	51.59	75.70	51.00	76.29
FSMW-1B	117-127	2	127.34	125.97	52.02	75.32	NM	NM	51.74	75.60	51.09	76.25
FSMW-2A	60-70	4	126.33	124.74	50.79	75.54	51.05	75.28	50.56	75.77	49.99	76.34
FSMW-2B	114-124	2	126.04	125.05	51.21	74.83	50.70	75.34	51.05	74.99	50.32	75.72
FSMW-3A	60-70	2	127.45	126.15	52.21	75.24	52.05	75.40	51.97	75.48	51.46	75.99
FSMW-3B	135-145	2	127.53	126.23	52.28	75.25	52.32	75.21	52.33	75.20	51.44	76.09
FSMW-4A	60-70	2	125.25	123.95	50.30	74.95	50.12	75.13	49.89	75.36	49.55	75.70
FSMW-4B	137-147	2	124.86	123.57	49.83	75.03	49.87	74.99	49.70	75.16	49.38	75.48
FSMW-5A	60-70	2	119.30	118.05	44.66	74.64	44.79	74.51	44.53	74.77	43.64	75.66
FSMW-5B	130-140	2	119.19	117.99	44.59	74.60	44.70	74.49	44.49	74.70	43.62	75.57
FSMW-6A	59-69	2	120.44	119.17	48.00	72.44	46.10	74.34	45.75	74.69	44.79	75.65
FSMW-6B	137-147	2	120.61	119.36	46.30	74.31	46.43	74.18	46.22	74.39	45.22	75.39
FSMW-7A	60-70	2	122.46	121.26	48.38	74.08	48.54	73.92	48.27	74.19	47.12	75.34
FSMW-7B	136-146	2	122.68	121.44	48.68	74.00	48.85	73.83	48.71	73.97	47.54	75.15
FSMW-8A	64-74	2	122.95	121.64	48.22	74.73	48.24	74.71	48.00	74.95	47.30	75.65
FSMW-8B	132-142	2	123.07	121.75	48.31	74.76	48.43	74.64	48.19	74.88	47.39	75.68
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	50.55	74.85	50.42	74.98	50.27	75.13	49.73	75.67
FSMW-9B	137-147	2	125.28	123.91	50.32	74.96	50.31	74.97	50.15	75.13	49.61	75.67
FSMW-10A	60-70	2	124.87	123.59	49.78	75.09	49.85	75.02	49.66	75.21	49.05	75.82
FSMW-10B	137-147	2	125.02	123.68	50.04	74.98	50.07	74.95	49.94	75.08	49.14	75.88
FSMW-11	139-149	2	120.80	119.34	46.10	74.70	46.24	74.56	46.02	74.78	45.10	75.70
FSMW-12	139-149	2	122.55	121.30	48.31	74.24	48.49	74.06	48.27	74.28	47.19	75.36
FSMW-13A	69-79	2	119.25	118.00	45.01	74.24	45.49	73.76	45.16	74.09	44.06	75.19
FSMW-13B	119-129	2	119.18	117.94	44.98	74.20	45.43	73.75	45.08	74.10	44.03	75.15
FSMW-13C	239-249	2	119.07	117.81	45.68	73.39	45.75	73.32	45.30	73.77	44.21	74.86
FSMW-14A	119-129	2	118.39	117.16	44.33	74.06	44.82	73.57	44.55	73.84	43.35	75.04
FSMW-14B	159-169	2	118.57	117.36	44.83	73.74	45.06	73.51	45.37**	73.20	43.67	74.90
FSMW-14C	239-249	2	118.42	117.19	44.12	74.30	45.18	73.24	NM	NM	43.85	74.57
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	6/17/2010		10/4/2010		12/17/2010		4/1/2011	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
LRF-1	50-70	4	126.91	125.65	NM	NM	48.42	78.49	49.83	77.08	50.14	76.77
FSMW-1A	58-68	2	127.29	126.03	48.18	79.11	49.29	78.00	50.14	77.15	50.50	76.79
FSMW-1B	117-127	2	127.34	125.97	48.53	78.81	49.70	77.64	50.06	77.28	50.51	76.83
FSMW-2A	60-70	4	126.33	124.74	47.17	79.16	48.14	78.19	49.13	77.20	49.44	76.89
FSMW-2B	114-124	2	126.04	125.05	47.32	78.72	48.41	77.63	49.38	76.66	50.23	75.81
FSMW-3A	60-70	2	127.45	126.15	48.59	78.86	49.66	77.79	50.65	76.80	50.88	76.57
FSMW-3B	135-145	2	127.53	126.23	48.94	78.59	50.05	77.48	50.81	76.72	51.14	76.39
FSMW-4A	60-70	2	125.25	123.95	46.30	78.95	47.65	77.60	48.64	76.61	51.07	74.18
FSMW-4B	137-147	2	124.86	123.57	46.39	78.47	47.33	77.53	48.41	76.45	48.61	76.25
FSMW-5A	60-70	2	119.30	118.05	41.31	77.99	42.11	77.19	43.17	76.13	42.86	76.44
FSMW-5B	130-140	2	119.19	117.99	41.25	77.94	42.03	77.16	43.08	76.11	43.47	75.72
FSMW-6A	59-69	2	120.44	119.17	42.60	77.84	43.31	77.13	44.41	76.03	44.80	75.64
FSMW-6B	137-147	2	120.61	119.36	43.02	77.59	43.71	76.90	44.87	75.74	45.23	75.38
FSMW-7A	60-70	2	122.46	121.26	44.98	77.48	45.89	76.57	47.33	75.13	47.19	75.27
FSMW-7B	136-146	2	122.68	121.44	45.42	77.26	46.23	76.45	46.90	75.78	47.65	75.03
FSMW-8A	64-74	2	122.95	121.64	44.74	78.21	45.67	77.28	46.66	76.29	46.82	76.13
FSMW-8B	132-142	2	123.07	121.75	44.87	78.20	45.84	77.23	46.81	76.26	47.10	75.97
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	47.05	78.35	48.02	77.38	48.98	76.42	49.66	75.74
FSMW-9B	137-147	2	125.28	123.91	46.88	78.40	47.90	77.38	48.80	76.48	49.12	76.16
FSMW-10A	60-70	2	124.87	123.59	46.35	78.52	47.36	77.51	48.80	76.07	48.81	76.06
FSMW-10B	137-147	2	125.02	123.68	46.57	78.45	47.66	77.36	48.53	76.49	48.80	76.22
FSMW-11	139-149	2	120.80	119.34	42.80	78.00	43.55	77.25	44.65	76.15	45.02	75.78
FSMW-12	139-149	2	122.55	121.30	45.00	77.55	45.77	76.78	45.77	76.78	47.22	75.33
FSMW-13A	69-79	2	119.25	118.00	42.03	77.22	42.42	76.83	43.83	75.42	44.26	74.99
FSMW-13B	119-129	2	119.18	117.94	42.00	77.18	42.43	76.75	43.73	75.45	44.27	74.91
FSMW-13C	239-249	2	119.07	117.81	42.21	76.86	43.41	75.66	44.41	74.66	44.97	74.10
FSMW-14A	119-129	2	118.39	117.16	41.41	76.98	41.83	76.56	43.22	75.17	43.62	74.77
FSMW-14B	159-169	2	118.57	117.36	41.83	76.74	42.66	75.91	43.51	75.06	44.28	74.29
FSMW-14C	239-249	2	118.42	117.19	41.96	76.46	42.55	75.87	43.89	74.53	44.34	74.08
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	7/28/2011		12/23/2011		4/11/2012		7/26/2012	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
LRF-1	50-70	4	126.91	125.65	50.47	76.44	NM	NM	NM	NM	49.02	77.89
FSMW-1A	58-68	2	127.29	126.03	50.80	76.49	48.27	79.02	49.48	77.81	49.38	77.91
FSMW-1B	117-127	2	127.34	125.97	51.00	76.34	48.41	78.93	49.66	77.68	49.53	77.81
FSMW-2A	60-70	4	126.33	124.74	49.86	76.47	47.20	79.13	48.50	77.83	48.28	78.05
FSMW-2B	114-124	2	126.04	125.05	50.29	75.75	47.74	78.30	48.94	77.10	48.78	77.26
FSMW-3A	60-70	2	127.45	126.15	51.23	76.22	48.65	78.80	49.88	77.57	49.71	77.74
FSMW-3B	135-145	2	127.53	126.23	51.68	75.85	48.91	78.62	50.16	77.37	50.12	77.41
FSMW-4A	60-70	2	125.25	123.95	49.42	75.83	46.70	78.55	48.00	77.25	47.56	77.69
FSMW-4B	137-147	2	124.86	123.57	49.16	75.70	46.46	78.40	47.71	77.15	47.74	77.12
FSMW-5A	60-70	2	119.30	118.05	44.05	75.25	41.25	78.05	42.74	76.56	42.39	76.91
FSMW-5B	130-140	2	119.19	117.99	44.06	75.13	40.41	78.78	42.63	76.56	42.41	76.78
FSMW-6A	59-69	2	120.44	119.17	45.41	75.03	42.65	77.79	44.09	76.35	43.71	76.73
FSMW-6B	137-147	2	120.61	119.36	45.95	74.66	43.00	77.61	44.42	76.19	44.18	76.43
FSMW-7A	60-70	2	122.46	121.26	47.88	74.58	45.05	77.41	46.44	76.02	46.13	76.33
FSMW-7B	136-146	2	122.68	121.44	48.40	74.28	45.43	77.25	46.81	75.87	46.60	76.08
FSMW-8A	64-74	2	122.95	121.64	47.49	75.46	44.68	78.27	45.10	77.85	45.85	77.10
FSMW-8B	132-142	2	123.07	121.75	47.68	75.39	44.84	78.23	46.25	76.82	46.04	77.03
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	49.64	75.76	46.97	78.43	48.36	77.04	48.11	77.29
FSMW-9B	137-147	2	125.28	123.91	49.75	75.53	46.87	78.41	48.23	77.05	48.04	77.24
FSMW-10A	60-70	2	124.87	123.59	49.02	75.85	46.26	78.61	47.68	77.19	47.45	77.42
FSMW-10B	137-147	2	125.02	123.68	49.29	75.73	46.62	78.40	47.90	77.12	47.74	77.28
FSMW-11	139-149	2	120.80	119.34	45.63	75.17	42.82	77.98	44.20	76.60	43.95	76.85
FSMW-12	139-149	2	122.55	121.30	47.91	74.64	45.01	77.54	46.40	76.15	46.17	76.38
FSMW-13A	69-79	2	119.25	118.00	45.04	74.21	42.05	77.20	43.51	75.74	43.21	76.04
FSMW-13B	119-129	2	119.18	117.94	45.02	74.16	42.02	77.16	43.46	75.72	43.20	75.98
FSMW-13C	239-249	2	119.07	117.81	45.86	73.21	42.49	76.58	43.89	75.18	43.89	75.18
FSMW-14A	119-129	2	118.39	117.16	44.45	73.94	41.39	77.00	42.84	75.55	42.60	75.79
FSMW-14B	159-169	2	118.57	117.36	44.68	73.89	41.73	76.84	43.13	75.44	42.96	75.61
FSMW-14C	239-249	2	118.42	117.19	45.34	73.08	41.92	76.50	43.34	75.08	43.33	75.09
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	11/16/2012		7/17/2013		10/28/2013		3/27/2014	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
LRF-1	50-70	4	126.91	125.65	49.70	77.21	49.90	77.01	51.95	74.96	53.19	73.72
FSMW-1A	58-68	2	127.29	126.03	50.01	77.28	50.24	77.05	52.25	75.04	53.50	73.79
FSMW-1B	117-127	2	127.34	125.97	52.37	74.97	50.45	76.89	52.45	74.89	53.45	73.89
FSMW-2A	60-70	4	126.33	124.74	48.99	77.34	49.25	77.08	52.85	73.48	52.65	73.68
FSMW-2B	114-124	2	126.04	125.05	49.54	76.50	49.70	76.34	51.59	74.45	53.12	72.92
FSMW-3A	60-70	2	127.45	126.15	50.41	77.04	50.61	76.84	52.70	74.75	54.00	73.45
FSMW-3B	135-145	2	127.53	126.23	54.06	73.47	51.10	76.43	53.00	74.53	54.28	73.25
FSMW-4A	60-70	2	125.25	123.95	48.47	76.78	48.80	76.45	50.73	74.52	52.62	72.63
FSMW-4B	137-147	2	124.86	123.57	48.27	76.59	48.45	76.41	50.55	74.31	52.20	72.66
FSMW-5A	60-70	2	119.30	118.05	43.23	76.07	43.20	76.10	45.46	73.84	46.55	72.75
FSMW-5B	130-140	2	119.19	117.99	44.58	74.61	43.22	75.97	45.39	73.80	46.55	72.64
FSMW-6A	59-69	2	120.44	119.17	44.52	75.92	44.43	76.01	46.82	73.62	48.25	72.19
FSMW-6B	137-147	2	120.61	119.36	44.91	75.70	45.03	75.58	47.27	73.34	47.75	72.86
FSMW-7A	60-70	2	122.46	121.26	46.85	75.61	46.93	75.53	49.28	73.18	50.14	72.32
FSMW-7B	136-146	2	122.68	121.44	47.30	75.38	47.50	75.18	49.66	73.02	50.57	72.11
FSMW-8A	64-74	2	122.95	121.64	46.75	76.20	46.71	76.24	48.87	74.08	50.30	72.65
FSMW-8B	132-142	2	123.07	121.75	46.58	76.49	46.90	76.17	49.02	74.05	50.35	72.72
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	48.81	76.59	49.05	76.35	51.10	74.30	52.50	72.90
FSMW-9B	137-147	2	125.28	123.91	48.85	76.43	48.92	76.36	51.02	74.26	53.03	72.25
FSMW-10A	60-70	2	124.87	123.59	48.15	76.72	48.38	76.49	50.44	74.43	51.80	73.07
FSMW-10B	137-147	2	125.02	123.68	48.42	76.60	48.65	76.37	50.68	74.34	52.19	72.83
FSMW-11	139-149	2	120.80	119.34	44.72	76.08	44.78	76.02	46.95	73.85	48.11	72.69
FSMW-12	139-149	2	122.55	121.30	46.40	76.15	46.95	75.60	49.21	73.34	50.24	72.31
FSMW-13A	69-79	2	119.25	118.00	43.95	75.30	44.00	75.25	46.24	73.01	47.22	72.03
FSMW-13B	119-129	2	119.18	117.94	43.93	75.25	44.20	74.98	46.16	73.02	47.19	71.99
FSMW-13C	239-249	2	119.07	117.81	44.39	74.68	44.92	74.15	46.45	72.62	47.73	71.34
FSMW-14A	119-129	2	118.39	117.16	43.30	75.09	43.43	74.96	45.55	72.84	46.54	71.85
FSMW-14B	159-169	2	118.57	117.36	43.62	74.95	43.85	74.72	45.81	72.76	46.86	71.71
FSMW-14C	239-249	2	118.42	117.19	43.83	74.59	44.36	74.06	45.90	72.52	47.20	71.22
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	6/25/2014		10/6/2014		12/17/2014		4/1/2015	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
LRF-1	50-70	4	126.91	125.65	52.01	74.90	53.02	73.89	53.25	73.66	52.02	74.89
FSMW-1A	58-68	2	127.29	126.03	52.33	74.96	53.18	74.11	52.67	74.62	52.18	75.11
FSMW-1B	117-127	2	127.34	125.97	52.50	74.84	53.14	74.20	53.40	73.94	52.05	75.29
FSMW-2A	60-70	4	126.33	124.74	51.35	74.98	49.11	77.22	51.78	74.55	51.23	75.10
FSMW-2B	114-124	2	126.04	125.05	51.76	74.28	49.51	76.53	52.70	73.34	51.35	74.69
FSMW-3A	60-70	2	127.45	126.15	52.76	74.69	NM	NM	53.32	74.13	52.75	74.70
FSMW-3B	135-145	2	127.53	126.23	53.08	74.45	NM	NM	53.18	74.35	52.67	74.86
FSMW-4A	60-70	2	125.25	123.95	50.94	74.31	51.24	74.01	51.76	73.49	50.95	74.30
FSMW-4B	137-147	2	124.86	123.57	50.49	74.37	51.51	73.35	50.79	74.07	50.29	74.57
FSMW-5A	60-70	2	119.30	118.05	45.24	74.06	46.09	73.21	45.24	74.06	44.82	74.48
FSMW-5B	130-140	2	119.19	117.99	45.18	74.01	46.06	73.13	45.28	73.91	44.89	74.30
FSMW-6A	59-69	2	120.44	119.17	46.49	73.95	47.48	72.96	46.40	74.04	46.08	74.36
FSMW-6B	137-147	2	120.61	119.36	46.95	73.66	47.83	72.78	46.73	73.88	46.47	74.14
FSMW-7A	60-70	2	122.46	121.26	48.93	73.53	50.23	72.23	48.93	73.53	48.36	74.10
FSMW-7B	136-146	2	122.68	121.44	48.37	74.31	49.97	72.71	48.45	74.23	48.80	73.88
FSMW-8A	64-74	2	122.95	121.64	48.78	74.17	49.56	73.39	49.70	73.25	48.62	74.33
FSMW-8B	132-142	2	123.07	121.75	48.93	74.14	48.74	74.33	49.15	73.92	48.66	74.41
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	51.26	74.14	51.82	73.58	51.63	73.77	51.05	74.35
FSMW-9B	137-147	2	125.28	123.91	50.94	74.34	51.73	73.55	51.25	74.03	50.69	74.59
FSMW-10A	60-70	2	124.87	123.59	50.46	74.41	51.16	73.71	50.79	74.08	50.31	74.56
FSMW-10B	137-147	2	125.02	123.68	50.68	74.34	51.46	73.56	50.92	74.10	50.39	74.63
FSMW-11	139-149	2	120.80	119.34	46.24	74.56	47.61	73.19	46.75	74.05	46.33	74.47
FSMW-12	139-149	2	122.55	121.30	48.96	73.59	49.84	72.71	48.89	73.66	48.41	74.14
FSMW-13A	69-79	2	119.25	118.00	45.75	73.50	46.83	72.42	45.79	73.46	45.29	73.96
FSMW-13B	119-129	2	119.18	117.94	45.61	73.57	46.79	72.39	45.81	73.37	45.25	73.93
FSMW-13C	239-249	2	119.07	117.81	45.69	73.38	46.17	72.90	46.64	72.43	45.68	73.39
FSMW-14A	119-129	2	118.39	117.16	45.73	72.66	46.26	72.13	45.24	73.15	44.57	73.82
FSMW-14B	159-169	2	118.57	117.36	45.70	72.87	46.62	71.95	45.66	72.91	44.88	73.69
FSMW-14C	239-249	2	118.42	117.19	46.28	72.14	46.67	71.75	46.20	72.22	45.09	73.33
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	7/16/2015		10/5/2015		12/9/2015		4/8/2016	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
LRF-1	50-70	4	126.91	125.65	52.54	74.37	52.56	74.35	53.13	73.78	53.15	73.76
FSMW-1A	58-68	2	127.29	126.03	52.70	74.59	54.30	72.99	53.32	73.97	53.34	73.95
FSMW-1B	117-127	2	127.34	125.97	52.74	74.60	53.67	73.67	53.97	73.37	53.74	73.60
FSMW-2A	60-70	4	126.33	124.74	51.88	74.45	52.11	74.22	52.22	74.11	52.44	73.89
FSMW-2B	114-124	2	126.04	125.05	52.13	73.91	52.00	74.04	52.61	73.43	52.65	73.39
FSMW-3A	60-70	2	127.45	126.15	53.36	74.09	53.63	73.82	53.68	73.77	53.97	73.48
FSMW-3B	135-145	2	127.53	126.23	53.34	74.19	53.37	74.16	53.86	73.67	53.68	73.85
FSMW-4A	60-70	2	125.25	123.95	51.87	73.38	52.85	72.40	51.69	73.56	52.36	72.89
FSMW-4B	137-147	2	124.86	123.57	50.96	73.90	53.67	71.19	51.39	73.47	51.39	73.47
FSMW-5A	60-70	2	119.30	118.05	45.47	73.83	45.41	73.89	46.23	73.07	45.99	73.31
FSMW-5B	130-140	2	119.19	117.99	45.44	73.75	45.52	73.67	46.17	73.02	45.92	73.27
FSMW-6A	59-69	2	120.44	119.17	46.67	73.77	46.54	73.90	47.49	72.95	47.12	73.32
FSMW-6B	137-147	2	120.61	119.36	47.26	73.35	47.12	73.49	47.83	72.78	47.47	73.14
FSMW-7A	60-70	2	122.46	121.26	49.14	73.32	49.30	73.16	49.79	72.67	49.86	72.60
FSMW-7B	136-146	2	122.68	121.44	49.67	73.01	49.41	73.27	50.18	72.50	49.72	72.96
FSMW-8A	64-74	2	122.95	121.64	49.13	73.82	49.43	73.52	49.69	73.26	49.60	73.35
FSMW-8B	132-142	2	123.07	121.75	49.29	73.78	49.42	73.65	49.84	73.23	49.68	73.39
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	51.72	73.68	52.20	73.20	51.93	73.47	52.24	73.16
FSMW-9B	137-147	2	125.28	123.91	51.31	73.97	51.49	73.79	51.85	73.43	51.80	73.48
FSMW-10A	60-70	2	124.87	123.59	50.79	74.08	51.05	73.82	51.33	73.54	51.33	73.54
FSMW-10B	137-147	2	125.02	123.68	51.02	74.00	51.15	73.87	51.54	73.48	51.41	73.61
FSMW-11	139-149	2	120.80	119.34	47.02	73.78	47.05	73.75	48.68	72.12	NM	NM
FSMW-12	139-149	2	122.55	121.30	49.21	73.34	49.13	73.42	49.79	72.76	49.41	73.14
FSMW-13A	69-79	2	119.25	118.00	46.13	73.12	45.85	73.40	46.81	72.44	46.31	72.94
FSMW-13B	119-129	2	119.18	117.94	46.11	73.07	45.81	73.37	46.78	72.40	46.29	72.89
FSMW-13C	239-249	2	119.07	117.81	46.67	72.40	46.25	72.82	47.04	72.03	46.57	72.50
FSMW-14A	119-129	2	118.39	117.16	45.50	72.89	45.18	73.21	46.10	72.29	45.61	72.78
FSMW-14B	159-169	2	118.57	117.36	45.83	72.74	45.50	73.07	46.39	72.18	45.88	72.69
FSMW-14C	239-249	2	118.42	117.19	46.12	72.30	45.60	72.82	46.44	71.98	45.98	72.44
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	7/1/2016		9/30/2016		12/8/2016		3/30/2017	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
LRF-1	50-70	4	126.91	125.65	53.94	72.97	55.53	71.38	55.61	71.30	56.30	70.61
FSMW-1A	58-68	2	127.29	126.03	54.11	73.18	55.71	71.58	56.02	71.27	56.58	70.71
FSMW-1B	117-127	2	127.34	125.97	54.22	73.12	55.49	71.85	56.11	71.23	56.74	70.60
FSMW-2A	60-70	4	126.33	124.74	53.49	72.84	54.95	71.38	55.19	71.14	55.79	70.54
FSMW-2B	114-124	2	126.04	125.05	53.05	72.99	55.30	70.74	55.55	70.49	56.07	69.97
FSMW-3A	60-70	2	127.45	126.15	54.48	72.97	56.43	71.02	56.62	70.83	57.19	70.26
FSMW-3B	135-145	2	127.53	126.23	54.88	72.65	56.45	71.08	56.64	70.89	57.14	70.39
FSMW-4A	60-70	2	125.25	123.95	52.49	72.76	54.40	70.85	54.94	70.31	55.35	69.90
FSMW-4B	137-147	2	124.86	123.57	52.29	72.57	54.14	70.72	54.23	70.63	54.75	70.11
FSMW-5A	60-70	2	119.30	118.05	47.15	72.15	48.74	70.56	48.94	70.36	49.56	69.74
FSMW-5B	130-140	2	119.19	117.99	47.14	72.05	48.73	70.46	48.90	70.29	49.44	69.75
FSMW-6A	59-69	2	120.44	119.17	48.36	72.08	49.95	70.49	50.13	70.31	50.73	69.71
FSMW-6B	137-147	2	120.61	119.36	48.79	71.82	50.50	70.11	50.61	70.00	51.03	69.58
FSMW-7A	60-70	2	122.46	121.26	50.70	71.76	52.29	70.17	52.47	69.99	52.97	69.49
FSMW-7B	136-146	2	122.68	121.44	51.12	71.56	52.73	69.95	52.86	69.82	53.28	69.40
FSMW-8A	64-74	2	122.95	121.64	50.54	72.41	52.30	70.65	52.59	70.36	53.14	69.81
FSMW-8B	132-142	2	123.07	121.75	50.72	72.35	52.72	70.35	52.65	70.42	53.19	69.88
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	52.81	72.59	54.85	70.55	54.72	70.68	54.50	70.90
FSMW-9B	137-147	2	125.28	123.91	52.78	72.50	54.51	70.77	55.09	70.19	55.23	70.05
FSMW-10A	60-70	2	124.87	123.59	52.15	72.72	53.84	71.03	54.13	70.74	54.67	70.20
FSMW-10B	137-147	2	125.02	123.68	52.41	72.61	54.27	70.75	54.47	70.55	53.90	71.12
FSMW-11	139-149	2	120.80	119.34	NM	NM	NM	NM	50.53	70.27	50.96	69.84
FSMW-12	139-149	2	122.55	121.30	50.74	71.81	52.43	70.12	52.59	69.96	53.00	69.55
FSMW-13A	69-79	2	119.25	118.00	47.80	71.45	49.42	69.83	49.44	69.81	49.89	69.36
FSMW-13B	119-129	2	119.18	117.94	47.78	71.40	49.40	69.78	49.42	69.76	49.85	69.33
FSMW-13C	239-249	2	119.07	117.81	48.26	70.81	49.81	69.26	49.75	69.32	50.10	68.97
FSMW-14A	119-129	2	118.39	117.16	47.14	71.25	48.71	69.68	48.75	69.64	49.17	69.22
FSMW-14B	159-169	2	118.57	117.36	47.43	71.14	49.02	69.55	49.04	69.53	49.43	69.14
FSMW-14C	239-249	2	118.42	117.19	47.62	70.80	49.19	69.23	49.16	69.26	49.48	68.94
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	6/21/2017		9/27/2017		12/22/2017		3/15/2018	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
LRF-1	50-70	4	126.91	125.65	55.67	71.24	56.14	70.77	55.58	71.33	56.08	70.83
FSMW-1A	58-68	2	127.29	126.03	55.83	71.46	56.30	70.99	56.75	70.54	56.26	71.03
FSMW-1B	117-127	2	127.34	125.97	56.00	71.34	56.59	70.75	56.82	70.52	56.48	70.86
FSMW-2A	60-70	4	126.33	124.74	54.84	71.49	55.25	71.08	55.65	70.68	55.22	71.11
FSMW-2B	114-124	2	126.04	125.05	55.15	70.89	55.68	70.36	56.04	70.00	55.64	70.40
FSMW-3A	60-70	2	127.45	126.15	56.27	71.18	56.73	70.72	57.10	70.35	56.81	70.64
FSMW-3B	135-145	2	127.53	126.23	56.35	71.18	57.00	70.53	57.33	70.20	56.95	70.58
FSMW-4A	60-70	2	125.25	123.95	54.43	70.82	54.73	70.52	55.07	70.18	54.73	70.52
FSMW-4B	137-147	2	124.86	123.57	53.89	70.97	54.43	70.43	54.82	70.04	54.36	70.50
FSMW-5A	60-70	2	119.30	118.05	48.54	70.76	49.24	70.06	43.00	76.30	48.87	70.43
FSMW-5B	130-140	2	119.19	117.99	48.47	70.72	49.18	70.01	49.61	69.58	48.82	70.37
FSMW-6A	59-69	2	120.44	119.17	49.64	70.80	50.45	69.99	NM	NM	49.97	70.47
FSMW-6B	137-147	2	120.61	119.36	50.05	70.56	50.88	69.73	51.26	69.35	50.38	70.23
FSMW-7A	60-70	2	122.46	121.26	52.02	70.44	52.77	69.69	53.23	69.23	NM	NM
FSMW-7B	136-146	2	122.68	121.44	52.35	70.33	53.20	69.48	53.56	69.12	NM	NM
FSMW-8A	64-74	2	122.95	121.64	52.12	70.83	52.71	70.24	53.10	69.85	52.49	70.46
FSMW-8B	132-142	2	123.07	121.75	52.23	70.84	53.05	70.02	52.85	70.22	52.62	70.45
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	54.54	70.86	55.04	70.36	55.38	70.02	54.91	70.49
FSMW-9B	137-147	2	125.28	123.91	54.31	70.97	54.87	70.41	55.20	70.08	54.72	70.56
FSMW-10A	60-70	2	124.87	123.59	53.71	71.16	54.36	70.51	54.75	70.12	54.26	70.61
FSMW-10B	137-147	2	125.02	123.68	54.00	71.02	54.58	70.44	54.99	70.03	54.46	70.56
FSMW-11	139-149	2	120.80	119.34	49.95	70.85	50.71	70.09	51.11	69.69	50.29	70.51
FSMW-12	139-149	2	122.55	121.30	52.04	70.51	52.83	69.72	53.25	69.30	52.40	70.15
FSMW-13A	69-79	2	119.25	118.00	48.89	70.36	49.85	69.40	50.24	69.01	49.18	70.07
FSMW-13B	119-129	2	119.18	117.94	48.86	70.32	49.84	69.34	50.19	68.99	49.19	69.99
FSMW-13C	239-249	2	119.07	117.81	49.24	69.83	50.23	68.84	50.44	68.63	49.76	69.31
FSMW-14A	119-129	2	118.39	117.16	48.31	70.08	49.14	69.25	49.55	68.84	48.49	69.90
FSMW-14B	159-169	2	118.57	117.36	48.63	69.94	49.45	69.12	49.80	68.77	48.80	69.77
FSMW-14C	239-249	2	118.42	117.19	48.74	69.68	49.61	68.81	49.88	68.54	49.09	69.33
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	6/27 and 6/28/2018	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
LRF-1	50-70	4	126.91	125.65	NM	NM
FSMW-1A	58-68	2	127.29	126.03	55.74	70.29
FSMW-1B	117-127	2	127.34	125.97	55.96	70.01
FSMW-2A	60-70	4	126.33	124.74	54.78	69.96
FSMW-2B	114-124	2	126.04	125.05	55.13	69.92
FSMW-3A	60-70	2	127.45	126.15	56.20	69.95
FSMW-3B	135-145	2	127.53	126.23	56.45	69.78
FSMW-4A	60-70	2	125.25	123.95	54.31	69.64
FSMW-4B	137-147	2	124.86	123.57	54.02	69.55
FSMW-5A	60-70	2	119.30	118.05	49.78	68.27
FSMW-5B	130-140	2	119.19	117.99	49.70	68.29
FSMW-6A	59-69	2	120.44	119.17	50.92	68.25
FSMW-6B	137-147	2	120.61	119.36	51.39	67.97
FSMW-7A	60-70	2	122.46	121.26	53.30	67.96
FSMW-7B	136-146	2	122.68	121.44	53.71	67.73
FSMW-8A	64-74	2	122.95	121.64	52.20	69.44
FSMW-8B	132-142	2	123.07	121.75	52.39	69.36
FSMW-8C	170-180	2	NA	121.43	52.43	69.00
FSMW-8D	223-233	2	NA	121.65	52.62	69.03
FSMW-9A	60-70	2	125.40	124.10	55.55	68.55
FSMW-9B	137-147	2	125.28	123.91	55.36	68.55
FSMW-10A	60-70	2	124.87	123.59	54.87	68.72
FSMW-10B	137-147	2	125.02	123.68	55.11	68.57
FSMW-11	139-149	2	120.80	119.34	51.19	68.15
FSMW-12	139-149	2	122.55	121.30	53.34	67.96
FSMW-13A	69-79	2	119.25	118.00	49.35	68.65
FSMW-13B	119-129	2	119.18	117.94	49.38	68.56
FSMW-13C	239-249	2	119.07	117.81	49.62	68.19
FSMW-14A	119-129	2	118.39	117.16	49.02	68.14
FSMW-14B	159-169	2	118.57	117.36	49.05	68.31
FSMW-14C	239-249	2	118.42	117.19	50.13	67.06
FSMW-19A	70-80	2	NA	120.32	51.52	68.80
FSMW-19B	120-130	2	NA	120.22	51.43	68.79
FSMW-19C	170-180	2	NA	120.17	51.71	68.46
FSMW-19D	223-233	2	NA	120.60	52.15	68.45

Notes:

- 1 Historical well elevations obtained from prior reports.
 - 2 All wells were resurveyed in 2018; new well elevations used for June 2018 groundwater elevations.
- bgs below ground surface
 AMSL above mean sea level
 NA Well did not exist during gauging activities on that date.
 NM Water level not measured.

Table 3
Groundwater Monitoring Results - Second Quarter 2018

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-1A 06/28/2018 58-68 feet bgs (µg/L)		FSMW-2A 06/27/2018 60-70 feet bgs (µg/L)		FSMW-2B 06/27/2018 114-124 feet bgs (µg/L)		FSMW-4A 06/27/2018 60-70 feet bgs (µg/L)		FSMW-4B 06/27/2018 137-147 feet bgs (µg/L)		FSMW-8A 06/27/2018 64-74 feet bgs (µg/L)		FSMW-13A 06/27/2018 69-79 feet bgs (µg/L)		FSMW-13A - Duplicate 06/27/2018 69-79 feet bgs (µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	5	0.37	UJ	0.37	UJ	0.37	U	0.37	U	0.37	U	0.37	UJ	0.37	U	0.37	U
1,1,2-Trichloroethane	1	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	1.4	J+	1	
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
4-Methyl-2-Pentanone (MIBK)	NC	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U
Acetone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	1	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Carbon disulfide	60	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
cis-1,2-Dichloroethene	5	69		10		0.22	U	3.7		0.22	U	0.53	J	6.9	J+	6.3	
cis-1,3-Dichloropropene	0.4	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	180		200		0.71	J	57		6.8		16		200	J+	170	
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	0.34	J	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
trans-1,3-Dichloropropene	0.4	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U
Trichloroethene	5	44		7.9		0.31	U	0.92	J	1.6		0.75	J	7.9	J+	6.5	
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
m+p Xylene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
o-Xylene	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U

Table 3
Groundwater Monitoring Results - Second Quarter 2018

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-14A 06/26/2018 119-129 feet bgs (µg/L)	FSMW-14B 06/26/2018 159-169 feet bgs (µg/L)
Analyte			
1,1,1-Trichloroethane	5	1.2 U	1.2 U
1,1,2,2-Tetrachloroethane	5	1.8 U	1.8 U
1,1,2-Trichloroethane	1	2.2 U	2.2 U
1,1-Dichloroethane	5	1.3 U	1.3 U
1,1-Dichloroethene	5	0.59 U	0.59 U
1,2-Dichloroethane	0.6	2.2 U	2.2 U
1,2-Dichloropropane	1	1.8 U	1.8 U
2-Butanone (MEK)	50	9.3 U	9.3 U
2-Hexanone	50	15 U	15 U
4-Methyl-2-Pentanone (MIBK)	NC	14 U	14 U
Acetone	50	25 U	25 U
Benzene	1	2.1 U	2.1 U
Bromodichloromethane	50	1.7 U	1.7 U
Bromoform	50	2.7 U	2.7 U
Bromomethane	5	5 U	5 U
Carbon disulfide	60	0.78 U	0.78 U
Carbon tetrachloride	5	1 U	1 U
Chlorobenzene	5	1.9 U	1.9 U
Chlorobromomethane	5	2.1 U	2.1 U
Chloroethane	5	1.6 U	1.6 U
Chloroform	7	1.6 U	1.6 U
Chloromethane	5	0.72 U	0.72 U
cis-1,2-Dichloroethene	5	14	2.1 J
cis-1,3-Dichloropropene	0.4	2.3 U	2.3 U
Ethylbenzene	5	1.5 U	1.5 U
Methylene chloride	5	1.6 U	1.6 U
Styrene	5	2.1 U	2.1 U
Tetrachloroethene	5	1,600	1,600
Toluene	5	1.9 U	1.9 U
trans-1,2-Dichloroethene	5	1.2 U	1.2 U
trans-1,3-Dichloropropene	0.4	2.4 U	2.4 U
Trichloroethene	5	45	33
Vinyl chloride	2	0.86 U	0.86 U
m+p Xylene	5	1.5 U	1.5 U
o-Xylene	5	1.8 U	1.8 U

Notes:

µg/L micrograms per liter

bgs below ground surface

U Undetected — The analyte was undetected above the MDL or was qualified as undetected during blank examination; the associated value presented is the MDL.

J Estimated

J+ Estimated and Biased High — Bias in sample result is likely to be high due to quality control outlier.

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	LRF-1		LRF-1		LRF-1		LRF-1		LRF-1		LRF-1 - Duplicate		LRF-1		LRF-1	
		Mar-18		Dec-16		Oct-15		Oct-14		Oct-13		Oct-13		Nov-12		Sep-10	
		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	1.0	U	1.0	U	11	U	2.1	U	2.1	U	2.1	U	2.1	U	0.21	J
1,1,2,2-Tetrachloroethane	5	1.0	U	1.0	UJ	7.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
1,1,2-Trichloroethane	1	1.0	U	1.0	U	9.5	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
1,1-Dichloroethane	5	1.0	U	1.0	U	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
1,1-Dichloroethene	5	1.0	U	1.0	U	13	U	2.5	U	2.5	U	2.5	U	2.5	UJ	0.10	U
1,2-Dichloroethane	0.6	1.0	U	1.0	U	4.2	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U
1,2-Dichloropropane	1	1.0	U	1.0	U	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
2-Butanone (MEK)	50	1.0	U	1.0	UJ	7.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
2-Hexanone	50	1.0	U	1.0	U	9.0	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.0	U	1.0	U	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Acetone	50	12	U	1.0	UJ	9.5	U	1.9	U	1.9	U	1.9	U	1.9	U	1.4	J
Benzene	1	1.0	U	1.0	U	8.0	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Bromodichloromethane	50	1.0	U	1.0	U	7.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
Bromoform	50	1.0	U	1.0	U	25	U	5.0	UJ	5.0	U	5.0	U	5.0	UJ	0.10	U
Bromomethane	5	1.0	U	1.0	U	22	U	4.3	U	4.3	UJ	4.3	UJ	4.3	UJ	0.10	U
Carbon disulfide	60	1.0	U	1.0	U	11	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U
Carbon tetrachloride	5	1.0	U	1.0	U	10	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U
Chlorobenzene	5	1.0	U	1.0	U	8.0	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Chlorobromomethane	5	1.0	U	1.0	U	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Chloroethane	5	1.0	U	1.0	U	13	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U
Chloroform	7	1.0	U	1.0	U	9.5	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
Chloromethane	5	1.0	U	1.0	UJ	12	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*
cis-1,2-Dichloroethene	5	120		67	J	36	J	30		1.8	U	1.8	U	1.8	U	0.17	J
cis-1,3-Dichloropropene	0.4	1.0	U	1.0	U	7.0	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U
Ethylbenzene	5	1.0	U	1.0	U	8.0	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Methylene chloride	5	4.5	U	1.0	U	6.5	U	1.3	U	1.3	U	1.3	U	1.3	U	0.22	JB
Styrene	5	1.0	U	1.0	U	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Tetrachloroethene	5	930		800		320		600	D	4.9	J	5.1	J	7.7	J	33	
Toluene	5	1.0	U	1.0	U	8.0	U	1.6	U	1.6	U	1.6	U	2.0	J	0.10	U
trans-1,2-Dichloroethene	5	1.0	U	1.0	U	9.5	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
trans-1,3-Dichloropropene	0.4	1.0	U	1.0	U	8.0	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Trichloroethene	5	100		87	J	48	J	130		1.9	U	1.9	U	1.9	U	2.8	J
Vinyl chloride	2	1.0	U	1.0	U	12	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	1.0	U	1.0	U	4.1	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	LRF-1		LRF-1		LRF-1		LRF-1		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A	
		Sep-09		Sep-08		Aug-07		Aug-06		Jun-18		Mar-18		Dec-17		Sep-17	
		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	1.6	J	100	U	0.24	U	0.20	U	0.10	U	0.20	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	100	U	0.37	UJ	0.20	U	0.10	U	0.20	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	100	U	0.43	U	0.20	U	0.10	U	0.20	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	100	U	0.26	U	0.20	U	0.10	U	0.20	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	100	U	0.12	U	0.20	U	0.10	U	0.20	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	100	U	0.43	U	0.20	U	0.10	U	0.20	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	100	U	0.35	U	0.20	U	0.10	U	0.20	U
2-Butanone (MEK)	50	0.10	U*	0.10	U	0.10	U	100	U	1.9	U	0.20	U	0.10	U	0.20	U
2-Hexanone	50	0.10	U*	0.10	U	0.10	U	100	U	2.9	U	0.20	U	0.10	U	0.20	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	100	U	2.7	U	0.20	U	0.10	U	0.20	U
Acetone	50	0.10	U*	0.10	U	0.10	U	100	U	5	U	0.20	U	0.10	U	0.20	U
Benzene	1	0.10	U	0.10	U	0.10	U	100	U	0.43	U	0.20	U	0.10	U	0.20	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	100	U	0.34	U	0.20	U	0.10	U	0.20	U
Bromoform	50	0.10	U	0.10	U	0.10	U	100	U	0.54	U	0.20	U	0.10	U	0.20	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	100	UJ	1	U	0.20	U	0.10	U	0.20	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	100	U	0.16	U	0.20	U	0.10	U	0.20	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	100	U	0.21	U	0.20	U	0.10	U	0.20	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	100	U	0.38	U	0.20	U	0.10	U	0.20	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	100	U	0.41	U	0.20	U	0.10	U	0.20	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	100	UJ	0.32	U	0.20	U	0.10	U	0.20	U
Chloroform	7	0.10	U	0.10	U	0.10	U	100	U	0.33	U	0.20	U	0.10	U	0.20	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	100	U	0.14	U	0.20	U	0.10	U	0.20	U
cis-1,2-Dichloroethene	5	0.16	J	0.10	U	0.10	U	100	U	69		150		62		63	
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	100	U	0.46	U	0.20	U	0.10	U	0.20	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	100	U	0.3	U	0.20	U	0.10	U	0.20	U
Methylene chloride	5	0.40	JB	0.10	U	0.10	U	100	U	0.32	U	0.20	U	0.10	U	0.20	U
Styrene	5	0.10	U	0.10	U	0.10	U	100	U	0.42	U	0.20	U	0.10	U	0.20	U
Tetrachloroethene	5	210		220		710	J	890		180		310		180		180	
Toluene	5	0.10	U	0.10	U	0.10	U	100	U	0.38	U	0.20	U	0.10	J	0.71	J
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	100	U	0.34	J	0.80	J	0.29	J	0.49	J
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	100	U	0.49	U	0.20	U	0.10	U	0.20	U
Trichloroethene	5	24		37		73		33	J	44		66		35		32	
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	100	U	0.17	U	0.20	U	0.10	U	0.20	U
m+p Xylene	5	NA		NA		NA		NA		0.3	U	NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		0.36	U	NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	100	U	82	U	NA		0.20	U	0.10	U	0.20	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-1A - Duplicate		FSMW-1A		FSMW-1A		FSMW-1A - Duplicate		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A - Duplicate	
		Sep-17		Jun-17		Mar-17		Mar-17		Dec-16		Sep-16		Jul-16		Jul-16	
		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
1,1,2,2-Tetrachloroethane	5	0.20	U	0.50	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.20	U	0.20	U
1,1,2-Trichloroethane	1	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
1,1-Dichloroethane	5	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.20	U	0.50	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
1,2-Dichloroethane	0.6	0.20	U	0.50	U	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.20	U	0.20	U
1,2-Dichloropropane	1	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
2-Butanone (MEK)	50	0.20	U	0.50	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.20	U	0.20	U
2-Hexanone	50	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
4-Methyl-2-Pentanone (MIBK)	NC	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Acetone	50	0.20	U	0.50	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.20	UJ	0.20	UJ
Benzene	1	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Bromodichloromethane	50	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Bromoform	50	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Bromomethane	5	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.20	U	0.20	U
Carbon disulfide	60	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Carbon tetrachloride	5	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chlorobenzene	5	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chlorobromomethane	5	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chloroethane	5	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chloroform	7	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chloromethane	5	0.20	U	0.50	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.20	U	0.20	U
cis-1,2-Dichloroethene	5	62		110	J	48		48		13		15	J	17	J	17	J
cis-1,3-Dichloropropene	0.4	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Ethylbenzene	5	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Methylene chloride	5	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Styrene	5	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Tetrachloroethene	5	170	D	400		300	D	300	D	180		170	ED	240		250	
Toluene	5	0.67	J	0.5	U	3.7	J	0.10	U	3.7	J	0.10	U	0.20	U	0.20	U
trans-1,2-Dichloroethene	5	0.20	U	1.1	J	0.46	J	0.45	J	0.10	U	0.32	J	0.20	U	0.20	U
trans-1,3-Dichloropropene	0.4	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Trichloroethene	5	32		57		60		61		32		33		43		41	
Vinyl chloride	2	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.20	U	0.50	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A	
		Apr-16		Dec-15		Sep-15		Jul-15		Mar-15		Dec-14		Oct-14		Jun-14	
		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	4.2	U	11	U	1.0	U	4.2	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	3.0	U	7.5	U	1.0	U	3.0	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	3.8	U	9.5	U	1.0	U	3.8	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	U	0.10	U	3.4	U	8.5	UJ	1.0	UJ	3.4	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	0.10	U	5.0	U	13	U	1.0	U	5.0	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	1.7	U	4.2	UJ	1.0	UJ	1.7	U	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U	3.4	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	0.10	U	3.0	U	7.5	U	1.0	U	3.0	UJ	1.5	U	1.5	U
2-Hexanone	50	0.10	U	0.10	U	3.6	U	9.0	U	1.0	U	3.6	UJ	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U	3.4	U	1.7	U	1.7	U
Acetone	50	0.10	U	0.10	UJ	3.8	U	9.5	U	1.0	U	3.8	UJ	1.9	U	1.9	U
Benzene	1	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	3.0	U	7.5	U	1.0	U	3.0	U	1.5	U	1.5	U
Bromoform	50	0.10	U	0.10	U	10	U	25	U	1.0	U	10	U	5.0	UJ	5.0	U
Bromomethane	5	0.10	U	0.10	U	8.6	U	22	U	1.0	U	8.6	U	4.3	U	4.3	U
Carbon disulfide	60	0.10	U	0.10	U	4.2	U	11	U	1.0	U	4.2	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	0.10	U	4.0	U	10	U	1.0	U	4.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U	3.4	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	5.0	U	13	U	1.0	U	5.0	U	2.5	U	2.5	U
Chloroform	7	0.10	U	0.10	U	3.8	U	9.5	U	1.0	U	3.8	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	0.10	U	4.6	U	12	U	1.0	U	4.6	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	4.8	J	11		7.9	J	9.0	J	1.8	J	3.6	U	3.3	J	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	2.8	U	7.0	U	1.0	U	2.8	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U	1.6	U	1.6	U
Methylene chloride	5	0.10	U	0.10	UJ	2.6	U	6.5	U	1.0	U	2.6	U	1.3	U	1.3	U
Styrene	5	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U	3.4	U	1.7	U	1.7	U
Tetrachloroethene	5	140		170	D	220		330		990		150		210	J	10	
Toluene	5	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	UJ	0.17	J	3.8	U	9.5	U	1.0	U	3.8	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U	1.6	U	1.6	U
Trichloroethene	5	17		25		23		19	J	65		11	J	38		1.9	U
Vinyl chloride	2	0.10	U	0.10	U	4.6	U	12	U	1.0	U	4.6	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	1.6	U	4.1	U	1.0	U	1.6	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A - Duplicate		FSMW-1A		FSMW-1A	
		Mar-14		Oct-13		Jul-13		Nov-12		Jul-12		Jul-12		Apr-12		Dec-11	
		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	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	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	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	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	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	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	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	1.5	U	1.5	U	1.5	U	1.5	U	1.5	UJ	1.5	UJ	1.5	U	1.5	UJ
2-Hexanone	50	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ
4-Methyl-2-Pentanone (MIBK)	NC	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	1.9	U	1.9	U	1.9	U	1.9	U	1.9	UJ	1.9	UJ	1.9	U	1.9	UJ
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.60	U
Bromodichloromethane	50	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	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5	4.3	U	4.3	UJ	4.3	U	4.3	UJ	4.3	U	4.3	U	4.3	UJ	4.3	U
Carbon disulfide	60	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	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	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	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	5	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	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	5	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	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	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	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	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	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	2.4	J	2.1	U	2.6	J	3.0	U	2.1	J	2.1	UJ	2.1	U	6.0	U
Toluene	5	1.6	U	1.6	U	1.6	U	4.5	J	1.6	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	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	1.6	U	1.6	U	1.6	U	1.6	U	1.9	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	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	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A - Duplicate	
		Jul-11		Mar-11		Dec-10		Sep-10		Jun-10		Mar-10		Dec-09		Dec-09	
		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.30	J	0.22	J	0.25	J	0.10	U	0.10	U	0.33	J	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
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
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
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
1,2-Dichloroethane	0.6	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	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	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*
2-Hexanone	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*
4-Methyl-2-Pentanone (MIBK)	NC	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	0.72	UJ	0.36	UJ	0.76	JB*	1.1	J	0.10	U*	0.61	JB*	1.2	JB*	1.5	JB*
Benzene	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
Bromodichloromethane	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
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
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
Carbon disulfide	60	0.10	U	0.18	U	0.10	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
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
Chlorobromomethane	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
Chloroethane	5	0.10	U	0.10	UJ	0.10	U	0.52	J	0.10	U	0.10	U	1.0	J	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
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.16	J*	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	0.32	J	0.10	U	0.10	U	0.10	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	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
Methylene chloride	5	0.45	U	0.25	U	0.48	JB	0.24	JB	0.19	JB	0.35	JB	0.50	JB	0.53	JB
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
Tetrachloroethene	5	4.4	J	6.1	J	7.3	J	21		27		65		30		30	
Toluene	5	0.10	U	0.10	U	0.10	U	0.17	J	0.18	J	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	0.10	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
Trichloroethene	5	1.1	J	1.1	J	0.87	J	0.94	J	1.7	J	4.5	J	1.6	J	1.6	J
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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	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

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A - Duplicate	
		Sep-09		Jun-09		Mar-09		Dec-08		Sep-08		Jun-08		Mar-08		Mar-08	
		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.40	J	0.54	J	0.10	U	0.10	U	0.10	U	0.93	J	0.20	U	0.20	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	0.20	U	0.20	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
2-Butanone (MEK)	50	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
2-Hexanone	50	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	0.20	U	0.20	U
Acetone	50	0.78	JB*	1.0	JB*	0.76	JB*	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Bromomethane	5	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chloroethane	5	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.34	J	0.20	U	0.20	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	0.20	U	0.20	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Methylene chloride	5	0.38	JB	0.33	JB	0.10	U	0.10	U	0.24	JB	0.10	U	0.20	U	0.20	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Tetrachloroethene	5	56		63		75	B	71		51		190		250		210	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	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	0.20	U	0.20	U
Trichloroethene	5	3.0	J	1.7	J	2.5	J	1.7	J	1.5	J	3.7	J	5.1		4.6	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1B		FSMW-1B	
		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Aug-06		Mar-18		Dec-16	
		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		117-127 feet bgs		117-127 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	UJ
1,1,2-Trichloroethane	1	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
1,1-Dichloroethane	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
1,1-Dichloroethene	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
1,2-Dichloropropane	1	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
2-Butanone (MEK)	50	10	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	UJ
2-Hexanone	50	10	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
Acetone	50	10	U	0.10	U	50	UJ	50	U	10	UJ	50	U	2.6	U	0.10	UJ
Benzene	1	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
Bromodichloromethane	50	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
Bromoform	50	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
Bromomethane	5	5	UJ	0.10	U	50	U	50	U	10	UJ	50	UJ	0.10	U	0.10	U
Carbon disulfide	60	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
Carbon tetrachloride	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
Chlorobenzene	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
Chlorobromomethane	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
Chloroethane	5	5	U	0.10	U	50	U	50	U	10	UJ	50	UJ	0.10	U	0.10	U
Chloroform	7	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
Chloromethane	5	5	U	0.10	U	50	UJ	50	U	10	UJ	50	U	0.10	U	0.10	UJ
cis-1,2-Dichloroethene	5	5	U	0.10	U	50	U	50	U	1	J	50	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
Ethylbenzene	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
Methylene chloride	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.43	U	0.10	U
Styrene	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
Tetrachloroethene	5	340		160		540		740		1,100	J	410		1.2	J	0.10	U
Toluene	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	1.8	J
trans-1,2-Dichloroethene	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U
Trichloroethene	5	7.2		9.9	J	31	J	39	J	86	J	18	J	0.10	U	0.10	U
Vinyl chloride	2	5	U	0.10	U	50	UJ	50	U	10	UJ	50	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-1B		FSMW-1B		FSMW-1B		FSMW-1B		FSMW-1B - Duplicate		FSMW-1B		FSMW-1B		FSMW-1B	
		Sep-15		Oct-14		Oct-13		Nov-12		Nov-12		Sep-10		Sep-09		Sep-08	
		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
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
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
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
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
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	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
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
2-Hexanone	50	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	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*
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	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
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
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
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	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
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
Chlorobromomethane	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
Chloroethane	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
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
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	0.22	J*	0.10	U	0.10	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
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
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
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
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
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
Toluene	5	1.6	U	1.6	U	1.6	U	12		12		0.86	J	0.15	J	0.10	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
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
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
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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-1B		FSMW-1B		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A - Duplicate	
		Aug-07		Aug-06		Jun-18		Mar-18		Dec-17		Dec-17		Sep-17		Sep-17	
		117-127 feet bgs		117-127 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	10	U	0.24	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	10	U	0.37	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	10	U	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	10	U	0.26	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	10	U	0.12	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	10	U	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	10	U	0.35	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	10	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Hexanone	50	0.10	U	10	U	2.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	10	U	2.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.10	U	10	U	5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Benzene	1	0.10	U	10	U	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	10	U	0.34	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	10	U	0.54	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	10	UJ	1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	10	U	0.16	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	10	U	0.21	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	10	U	0.38	U	0.37	J	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	10	U	0.41	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	10	UJ	0.32	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	10	U	0.33	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	10	U	0.14	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	10	U	10		45		10		11	J	7.6	J	6.8	J
cis-1,3-Dichloropropene	0.4	0.10	U	10	U	0.46	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	10	U	0.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.10	U	10	U	0.32	U	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	0.10	U	10	U	0.42	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	0.33	J	17		200		450	D	200		190		180		170	
Toluene	5	0.10	U	10	U	0.38	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	10	U	0.24	U	0.43	J	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	10	U	0.49	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.10	U	10	U	7.9		19		7.9	J	7.8	J	6.6	J	5.7	J
Vinyl chloride	2	0.10	U	10	U	0.17	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		0.3	U	NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		0.36	U	NA		NA		NA		NA		NA	
Total Xylenes	5	10	U	0.82	U	NA		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate	
		Jun-17		Jun-17		Mar-17		Dec-16		Sep-16		Jun-16		Apr-16		Apr-16	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	5	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane	1	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5	0.20	UJ	0.20	UJ	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloroethane	0.6	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloropropane	1	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
2-Butanone (MEK)	50	0.20	U	0.20	U	0.5	U	1.0	UJ	1.0	U	1.0	U	1.0	U	1.0	U
2-Hexanone	50	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
4-Methyl-2-Pentanone (MIBK)	NC	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Acetone	50	0.20	UJ	0.20	UJ	0.5	UJ	1.0	UJ	1.0	UJ	1.0	UJ	1.0	U	1.0	U
Benzene	1	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromodichloromethane	50	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromoform	50	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromomethane	5	0.20	U	0.20	U	0.5	U	1.0	U	1.0	UJ	1.0	U	1.0	U	1.0	U
Carbon disulfide	60	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon tetrachloride	5	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobenzene	5	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobromomethane	5	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	5	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroform	7	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloromethane	5	0.20	U	0.20	U	0.5	U	1.0	UJ	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5	7.3	J	6.6	J	14	J	25	J	19	J	17	J	26	J	27	J
cis-1,3-Dichloropropene	0.4	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Ethylbenzene	5	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methylene chloride	5	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Styrene	5	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	5	290		280		550		1,000		840		1,000		1,300		1,300	
Toluene	5	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	5	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	0.4	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	5	6.9	J	6.5	J	17	J	37	J	32	J	32	J	53	J	53	J
Vinyl chloride	2	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.20	UJ	0.20	UJ	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A	
		Dec-15		Oct-15		Jul-15		Mar-15		Dec-14		Sep-14		Sep-14		Jun-14	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	42	U	210	U	10	U	110	U	110	U	110	U	110	U
1,1,2,2-Tetrachloroethane	5	0.10	U	30	U	150	U	10	U	75	U	75	U	75	U	75	U
1,1,2-Trichloroethane	1	0.10	U	38	U	190	U	10	U	95	U	95	U	95	U	95	U
1,1-Dichloroethane	5	0.10	U	34	U	170	U	10	UJ	85	U	85	U	85	U	85	U
1,1-Dichloroethene	5	0.10	U	50	U	250	U	10	U	130	U	130	U	130	U	130	U
1,2-Dichloroethane	0.6	0.10	U	17	U	83	U	10	UJ	42	U	42	U	42	U	42	U
1,2-Dichloropropane	1	0.10	U	34	U	170	U	10	U	85	U	85	U	85	U	85	U
2-Butanone (MEK)	50	0.10	U	30	U	150	U	10	U	75	UJ	75	U	75	U	75	U
2-Hexanone	50	0.10	U	36	U	180	U	10	U	90	UJ	90	U	90	U	90	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	34	U	170	U	10	U	85	U	85	U	85	U	85	U
Acetone	50	0.10	UJ	38	U	190	U	10	U	95	UJ	95	U	95	U	95	U
Benzene	1	0.10	U	32	U	160	U	10	U	80	U	80	U	80	U	80	U
Bromodichloromethane	50	0.10	U	30	U	150	U	10	U	75	U	75	U	75	U	75	U
Bromoform	50	0.10	U	100	U	500	U	10	U	250	U	250	U	250	UJ	250	U
Bromomethane	5	0.10	U	86	U	430	U	10	U	220	U	220	U	220	U	220	U
Carbon disulfide	60	0.10	U	42	U	210	U	10	U	110	U	110	U	110	U	110	U
Carbon tetrachloride	5	0.10	U	40	U	200	U	10	U	100	U	100	U	100	U	100	U
Chlorobenzene	5	0.43	J	32	U	160	U	10	U	80	U	80	U	80	U	80	U
Chlorobromomethane	5	0.10	U	34	U	170	U	10	U	85	U	85	U	85	U	85	U
Chloroethane	5	0.10	U	50	U	250	U	10	U	130	U	130	U	130	U	130	U
Chloroform	7	0.10	U	38	U	190	U	10	U	95	U	95	U	95	U	95	U
Chloromethane	5	0.10	U	46	U	230	U	10	U	120	U	120	U	120	U	120	U
cis-1,2-Dichloroethene	5	37		38	J	180	U	140		290	J	180	J	200	J	130	J
cis-1,3-Dichloropropene	0.4	0.10	U	28	U	140	U	10	U	70	U	70	U	70	U	70	U
Ethylbenzene	5	0.10	U	32	U	160	U	10	U	80	U	80	U	80	U	80	U
Methylene chloride	5	0.10	UJ	26	U	130	U	10	U	65	U	65	U	65	U	65	U
Styrene	5	0.10	U	34	U	170	U	10	U	75	U	85	U	85	U	85	U
Tetrachloroethene	5	1,200	D	2,000		8,100		5,400		14,000	D	6,200		5,700		7,000	
Toluene	5	0.10	U	32	U	160	U	10	U	80	U	80	U	80	U	80	U
trans-1,2-Dichloroethene	5	0.10	U	38	U	190	U	10	U	95	U	95	U	95	U	95	U
trans-1,3-Dichloropropene	0.4	0.10	U	32	U	160	U	10	U	80	U	80	U	80	U	80	U
Trichloroethene	5	61		61	J	280	J	310		370	J	270	J	280	J	200	J
Vinyl chloride	2	0.10	U	46	U	230	U	10	U	120	U	120	U	120	U	120	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	16	U	10	U	41	U	41	U	41	U	41	U	41	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A	
		Jun-14		Mar-14		Oct-13		Jul-13		Jul-13		Nov-12		Jul-12		Apr-12	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	110	U	210	U	2.1	U	11	U	170	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	75	U	150	U	1.5	U	7.5	U	120	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	95	U	190	U	1.9	U	9.5	U	150	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	85	U	170	U	1.7	U	8.5	U	140	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	130	U	250	U	2.5	U	13	U	200	U	2.5	UJ	2.5	U	2.5	U
1,2-Dichloroethane	0.6	42	U	83	U	0.83	U	4.2	U	66	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	85	U	170	U	1.7	U	8.5	U	140	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	75	U	150	UJ	1.5	U	7.5	U	120	U	1.5	U	1.5	UJ	1.5	U
2-Hexanone	50	90	U	180	U	1.8	U	9.0	U	140	U	1.8	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	85	U	170	U	1.7	U	8.5	U	140	U	1.7	U	1.7	U	1.7	U
Acetone	50	95	U	190	U	1.9	U	9.5	U	150	U	1.9	U	1.9	UJ	1.9	U
Benzene	1	80	U	160	U	1.6	U	8.0	U	130	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	75	U	150	U	1.5	U	7.5	U	120	U	1.5	U	1.5	U	1.5	U
Bromoform	50	250	U	500	U	5.0	U	25.0	U	400	U	5.0	UJ	5.0	U	5.0	U
Bromomethane	5	220	U	430	UJ	4.3	U	22	U	340	U	4.3	UJ	4.3	U	4.3	UJ
Carbon disulfide	60	110	U	210	U	2.1	U	11	U	170	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	100	U	200	U	2.0	U	10.0	U	160	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	80	U	160	U	1.6	U	8.0	U	130	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	85	U	170	U	1.7	U	8.5	U	140	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	130	U	250	U	2.5	U	13	U	200	U	2.5	U	2.5	U	2.5	U
Chloroform	7	95	U	190	U	1.9	U	9.5	U	150	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	120	U	230	U	2.3	U	12	U	180	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	140	J	180	U	110		160		140	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	70	U	140	U	1.4	U	7.0	U	110	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	80	U	160	U	1.6	U	8.0	U	130	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	120	J	130	U	1.3	U	6.5	U	100	U	1.3	U	1.3	U	1.3	U
Styrene	5	85	U	170	U	1.7	U	8.5	U	140	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	7,400		12,000		24,000	D	9,300	D	9,600		780	D	2.3	J	26	
Toluene	5	80	U	160	U	1.6	U	8.0	U	130	U	2.3	J	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	95	U	190	U	1.9	U	9.5	U	150	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	80	U	160	U	1.6	U	8.0	U	130	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	210	J	210	J	730	D	620		710	J	51		1.9	U	2.7	U
Vinyl chloride	2	120	U	230	U	2.3	U	12	U	180	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	82	U	0.82	U	4.1	U	65	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A	
		Apr-12		Dec-11		Jul-11		Mar-11		Dec-10		Sep-10		Jun-10		Mar-10	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	2.1	U	1.0	U	0.27	J	0.20	U	0.17	J	0.10	U	1.0	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
1,1-Dichloroethene	5	2.5	U	2.5	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
1,2-Dichloropropane	1	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-Butanone (MEK)	50	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-Hexanone	50	1.8	U	1.8	UJ	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U*	1.0	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
Acetone	50	1.9	U	1.9	UJ	4.1	UJ	0.65	UJ	1.4	JB*	0.55	J	0.10	U*	7.10	JB*
Benzene	1	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
Bromodichloromethane	50	1.5	U	1.5	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
Bromoform	50	5.0	U	5.0	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
Bromomethane	5	4.3	UJ	4.3	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
Carbon disulfide	60	2.1	U	2.1	U	1.0	U	1.4	U	0.20	JB	0.10	U	0.10	U	1.0	U
Carbon tetrachloride	5	2.0	U	2.0	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
Chlorobenzene	5	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.23	J	0.10	U	1.0	U
Chlorobromomethane	5	1.7	U	1.7	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
Chloroethane	5	2.5	U	2.5	U	1.0	U	0.20	UJ	0.20	U	0.10	U	0.10	U	1.0	U
Chloroform	7	1.9	U	1.9	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
Chloromethane	5	2.3	U	2.3	U	1.0	UJ	0.20	U	0.20	U	0.10	U*	0.10	U	1.0	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	21	J	150		73		70		0.10	U	56.00	J
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
Ethylbenzene	5	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
Methylene chloride	5	1.3	U	1.3	U	32	U	2.2	U	4.3	JB	0.19	JB	0.27	JB	9.0	JB
Styrene	5	1.7	U	1.7	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
Tetrachloroethene	5	28		14	U	13,000	D	13,000	D	2,500		14,000	B	700		14,000	
Toluene	5	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.18	J	0.10	U	1.0	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.3	J	2.8	J	0.76	J	1.5	J	0.10	U	1.0	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U
Trichloroethene	5	3.0	U	1.9	U	390		600	D	150		350	J	10		440	
Vinyl chloride	2	2.3	U	2.3	U	1.0	U	0.20	U	0.20	U	0.10	U*	0.10	U	1.0	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A	
		Dec-09		Sep-09		Jun-09		Mar-09		Dec-08		Sep-08		Jun-08		Mar-08	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
1,1,2,2-Tetrachloroethane	5	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
1,1,2-Trichloroethane	1	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
1,1-Dichloroethane	5	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
1,1-Dichloroethene	5	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
1,2-Dichloroethane	0.6	2.5	U	5		8.9	J	100	U	10	U	0.50	U	1.0	U	10	U
1,2-Dichloropropane	1	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
2-Butanone (MEK)	50	2.5	U*	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
2-Hexanone	50	2.5	U*	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
4-Methyl-2-Pentanone (MIBK)	NC	2.5	U	5	U	5	U	100	U	10	U*	0.50	U	1.0	U	10	U
Acetone	50	7.1	JB*	5	U	120	JB	10	JB	10	U	0.50	U	1.0	U	10	U
Benzene	1	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
Bromodichloromethane	50	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
Bromoform	50	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
Bromomethane	5	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
Carbon disulfide	60	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
Carbon tetrachloride	5	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
Chlorobenzene	5	2.5	U	5	U	5	U	1.8	J	10	U	0.50	U	1.0	U	10	U
Chlorobromomethane	5	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
Chloroethane	5	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
Chloroform	7	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
Chloromethane	5	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
cis-1,2-Dichloroethene	5	16	J	13		5	U	8.1	J	10	U	3.5	J	16	J	11	J
cis-1,3-Dichloropropene	0.4	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
Ethylbenzene	5	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
Methylene chloride	5	14.0	JB	110	JB	74	JB	10	JB	110	JB	21	JB	10	JB	10	U
Styrene	5	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
Tetrachloroethene	5	2,900		7,700		7,600		8,900		8,600		4,900		12,000		12,000	
Toluene	5	2.5	U	5		5	U	100	U	10	U	0.50	U	1.0	U	10	U
trans-1,2-Dichloroethene	5	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
trans-1,3-Dichloropropene	0.4	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
Trichloroethene	5	76	J	230		190	J	180		190	J	160		310		330	
Vinyl chloride	2	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U	5	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A	
		Dec-07		Aug-07		May-07		May-07		May-07		Feb-07		Nov-06		Aug-06	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
1,1,2,2-Tetrachloroethane	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
1,1,2-Trichloroethane	1	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
1,1-Dichloroethane	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
1,1-Dichloroethene	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
1,2-Dichloroethane	0.6	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
1,2-Dichloropropane	1	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
2-Butanone (MEK)	50	10	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
2-Hexanone	50	10	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Acetone	50	10	U	0.10	UJ	0.10	U	1,000	UJ	1,000	UJ	200	U	10	UJ	200	U
Benzene	1	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Bromodichloromethane	50	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Bromoform	50	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Bromomethane	5	5	UJ	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Carbon disulfide	60	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Carbon tetrachloride	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Chlorobenzene	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	0.8	J	200	U
Chlorobromomethane	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Chloroethane	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Chloroform	7	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Chloromethane	5	5	U	0.10	U	0.10	U	1,000	UJ	1,000	UJ	200	U	10	UJ	200	U
cis-1,2-Dichloroethene	5	27		3.9	J	3.9	J	1,000	U	1,000	U	4.8	J	4	J	200	U
cis-1,3-Dichloropropene	0.4	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Ethylbenzene	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Methylene chloride	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Styrene	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Tetrachloroethene	5	9,300		3,800		3,800	B	11,000		11,000		3,800		4,100	J	2,500	
Toluene	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
trans-1,2-Dichloroethene	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	1	J	200	U
trans-1,3-Dichloropropene	0.4	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U
Trichloroethene	5	410	J	120		100	J	230	J	220	J	96	J	140	J	53	J
Vinyl chloride	2	5	U	0.10	U	0.10	U	1,000	UJ	1,000	UJ	200	U	10	UJ	200	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	1000.00	U	1,000	U	200	U	10	UJ	200	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B	
		Jun-18		Mar-18		Dec-17		Sep-17		Jun-17		Mar-17		Dec-16		Sep-16	
		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.24	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	0.37	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U
1,1,2-Trichloroethane	1	0.43	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	0.26	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	0.12	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.43	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	0.35	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	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U
2-Hexanone	50	2.9	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)	NC	2.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	5	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ
Benzene	1	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.33	J	0.43	J
Bromodichloromethane	50	0.34	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.54	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	1	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	UJ
Carbon disulfide	60	0.16	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	0.21	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.38	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.41	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.32	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.33	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.14	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U
cis-1,2-Dichloroethene	5	0.22	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	0.46	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.3	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	0.32	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	0.42	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	0.71	J	1.1	J	1.5	J	0.84	J	1.7	J	1.3	J	1.4	J	1.2	J
Toluene	5	0.38	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.39	J	0.10	U
trans-1,2-Dichloroethene	5	0.24	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.49	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.31	U	0.10	U	0.30	J	0.24	J	0.10	U	0.21	J	0.18	J	0.10	U
Vinyl chloride	2	0.17	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	0.3	U	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	0.36	U	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	NA		0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B	
		Jun-16		Apr-16		Dec-15		Oct-15		Jul-15		Mar-15		Dec-14		Sep-14	
		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	2.10	U	2.1	U	0.10	U	2.10	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	1.50	U	1.5	U	0.10	U	1.50	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	1.90	U	1.9	U	0.10	U	1.90	U	1.9	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	1.70	U	1.7	U	0.10	UJ	1.70	U	1.7	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	2.50	U	2.5	U	0.10	U	2.50	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.10	UJ	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	1.70	U	1.7	U	0.10	U	1.70	U	1.7	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	1.50	U	1.5	U	0.10	U	1.50	UJ	1.5	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	1.80	U	1.8	U	0.10	U	1.80	UJ	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	1.70	U	1.7	U	0.10	U	1.70	U	1.7	U
Acetone	50	0.10	UJ	0.10	U	0.10	UJ	1.90	U	1.9	U	0.10	U	1.90	UJ	1.9	U
Benzene	1	0.10	U	0.10	U	0.37	J	1.60	U	1.6	U	1.0		1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	1.50	U	1.5	U	0.10	U	1.50	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
Bromomethane	5	0.10	U	0.10	U	0.10	UJ	4.30	U	4.3	U	0.10	U	4.30	U	4.3	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	2.10	U	2.1	U	0.10	U	2.10	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
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	1.60	U	1.6	U	0.10	U	1.60	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	1.70	U	1.7	U	0.10	U	1.70	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	2.50	U	2.5	U	0.10	U	2.50	U	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	1.90	U	1.9	U	0.10	U	1.90	U	1.9	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	2.30	U	2.3	U	0.10	U	2.30	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	1.80	U	1.8	U	0.11	J	1.80	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	1.40	U	1.4	U	0.10	U	1.40	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	1.60	U	1.6	U	0.10	U	1.60	U	1.6	U
Methylene chloride	5	0.10	U	0.10	U	0.10	UJ	1.30	U	1.3	U	0.10	U	1.30	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	1.70	U	1.7	U	0.10	U	1.70	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
Toluene	5	0.10	U	0.10	U	0.10	U	1.60	U	1.6	U	0.10	U	1.60	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	UJ	0.10	U	1.90	U	1.9	U	0.10	U	1.90	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	1.60	U	1.6	U	0.10	U	1.60	U	1.6	U
Trichloroethene	5	0.16	J	0.10	U	0.20	J	1.90	U	1.9	U	0.19	J	1.90	U	1.9	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	2.30	U	2.3	U	0.10	U	2.30	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.82	U	0.94	J	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B - Duplicate		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B	
		Jun-14		Mar-14		Oct-13		Oct-13		Jul-13		Nov-12		Jul-12		Apr-12	
		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	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	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	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	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	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	0.6	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	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	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	50	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)	NC	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	1.9	U	1.9	U	1.9	U	2.1	U	1.9	U	1.9	U	1.9	U	1.9	U
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	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	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	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	60	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	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	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	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	5	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	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	5	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	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	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	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	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	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	5.1	J	6.1	J	3.5	U	3.7	U	4.2	J	2.7	U	2.8	J	4.7	J
Toluene	5	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	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	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	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	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B - Duplicate		FSMW-2B		FSMW-2B	
		Dec-11		Jul-11		Mar-11		Dec-10		Sep-10		Sep-10		Mar-10		Dec-09	
		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
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
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
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
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
1,2-Dichloroethane	0.6	0.83	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
2-Butanone (MEK)	50	1.5	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*
2-Hexanone	50	1.8	UJ	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)	NC	1.7	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	0.72	UJ	0.26	UJ	1.1	JB*	0.84	J	0.77	J	0.46	JB*	1.1	JB*
Benzene	1	1.6	U	0.96	J	1.2	J	2.2	J	2.3	J	2.4	J	1.3	J	0.43	J
Bromodichloromethane	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
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
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
Carbon disulfide	60	2.1	U	0.10	U	0.31	U	0.10	U	0.10	U	0.10	U	0.20	JB	0.10	U
Carbon tetrachloride	5	2.0	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	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
Chloroethane	5	2.5	U	0.10	U	0.10	UJ	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.12	J
cis-1,2-Dichloroethene	5	1.8	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	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
Methylene chloride	5	1.3	U	0.41	U	0.34	U	0.51	JB	0.19	JB	0.19	JB	0.40	JB	0.51	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
Tetrachloroethene	5	12	U	3.9	J	13		2.3	J	37		5.5	J	4.0	J	3.2	J
Toluene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.11	J	0.94	J	0.10	U	0.10	U
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
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
Trichloroethene	5	1.9	U	0.10	U	0.21	J	0.10	U	0.33	J	0.10	U	0.10	U	0.10	U
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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.20	J	0.29	J	1.4	J	0.79	J	0.78	J	0.68	J	0.30	J	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B - Duplicate	
		Sep-09		Jun-09		Mar-09		Dec-08		Sep-08		Jun-08		Mar-08		Mar-08	
		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	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	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	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	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	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	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Hexanone	50	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)	NC	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	0.4	JB	0.45	JB	10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Benzene	1	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	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	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	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	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.38	JB	0.39	JB	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	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	2.7	J	4.4	J	5.1		9.0	J	3.9	J	4.7	J	5.1		4.4	J
Toluene	5	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	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Vinyl chloride	2	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-3A		FSMW-3A	
		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Aug-06		Mar-18		Dec-16	
		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	0.10	U	0.10	U
1,2-Dichloropropane	1	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	10	U	0.10	U	10	U	10	U	10	UJ	10	UJ	0.10	U	0.10	UJ
2-Hexanone	50	10	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Acetone	50	10	U	0.10	UJ	10	UJ	10	U	10	UJ	10	U	0.10	U	0.10	UJ
Benzene	1	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Bromodichloromethane	50	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Bromoform	50	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Bromomethane	5	5	UJ	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Carbon disulfide	60	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Carbon tetrachloride	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Chlorobenzene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Chlorobromomethane	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Chloroethane	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Chloroform	7	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Chloromethane	5	5	U	0.10	U	10	UJ	10	U	10	UJ	10	U	0.35	J	0.10	UJ
cis-1,2-Dichloroethene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	22		0.75	J
cis-1,3-Dichloropropene	0.4	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Ethylbenzene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Methylene chloride	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Styrene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Tetrachloroethene	5	13		2.1	J	2.0	J	4.6	J	3	J	10	U	32		3.5	J
Toluene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.75	J	6.4	J
trans-1,2-Dichloroethene	5	5	U	0.10	U	7.0		10.0	U	10	UJ	10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U
Trichloroethene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	17		0.71	J
Vinyl chloride	2	5	U	0.10	U	10	UJ	10	U	10	UJ	10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	10	U	10	U	10	UJ	10	U	0.82	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A	
		Sep-15		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.10	U	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	1.50	U	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	1.90	U	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	1.70	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	2.50	U	2.5	U	2.5	U	2.5	UJ	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.83	U	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	1.70	U	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	1.50	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U	0.10	U
2-Hexanone	50	1.80	U	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)	NC	1.70	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	1.90	U	1.9	U	1.9	U	1.9	U	1.1	J	0.10	U*	0.10	U	0.10	U
Benzene	1	1.60	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	1.50	U	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	U	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.30	U	4.3	U	4.3	UJ	4.3	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	2.10	U	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	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	1.60	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.58	J
Chlorobromomethane	5	1.70	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	2.50	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	1.90	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	2.30	U	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	1.8	U	0.24	J	0.21	J	1.1	J	12	
cis-1,3-Dichloropropene	0.4	1.40	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	1.60	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	1.30	U	1.3	U	1.3	U	1.3	U	0.20	JB	0.40	JB	0.10	U	0.10	U
Styrene	5	1.70	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	3.9	J	2.1	U	2.1	U	5.4	J	25		46		210		2,900	
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
trans-1,2-Dichloroethene	5	1.90	U	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	1.60	U	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	1.9	U	2.1	J	1.1	J	4.6	J	100	
Vinyl chloride	2	2.30	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-3A		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B	
		Aug-06		Mar-18		Dec-16		Sep-15		Oct-14		Oct-13		Sep-10		Sep-09	
		60-70 feet bgs		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	200	U	0.10	U	0.10	U	2.10	U	2.1	U	2.1	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	200	U	0.10	U	0.10	U	1.50	U	1.5	U	1.5	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	200	U	0.10	U	0.10	U	1.90	U	1.9	U	1.9	U	0.10	U	0.10	U
1,1-Dichloroethane	5	200	U	0.10	U	0.10	U	1.70	U	1.7	U	1.7	U	0.10	U	0.10	U
1,1-Dichloroethene	5	200	U	0.10	U	0.10	U	2.50	U	2.5	U	2.5	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	200	U	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U
1,2-Dichloropropane	1	200	U	0.10	U	0.10	U	1.70	U	1.7	U	1.7	U	0.10	U	0.10	U
2-Butanone (MEK)	50	200	U	0.10	U	0.10	UJ	1.50	U	1.5	U	1.5	U	0.10	U	0.10	U*
2-Hexanone	50	200	U	0.10	U	0.10	U	1.80	U	1.8	U	1.8	U	0.10	U	0.10	U*
4-Methyl-2-Pentanone (MIBK)	NC	200	U	0.10	U	0.10	U	1.70	U	1.7	U	1.7	U	0.10	U	0.10	U
Acetone	50	200	U	2.2	U	0.10	UJ	1.90	U	1.9	U	1.9	U	1.1	J	0.10	U*
Benzene	1	200	U	0.10	U	0.10	U	1.60	U	1.6	U	1.6	U	0.10	U	0.10	U
Bromodichloromethane	50	200	U	0.10	U	0.10	U	1.50	U	1.5	U	1.5	U	0.10	U	0.10	U
Bromoform	50	200	U	0.10	U	0.10	U	5.0	U	5.0	U	5.0	U	0.10	U	0.10	U
Bromomethane	5	200	U	0.10	U	0.10	U	4.30	U	4.3	U	4.3	UJ	0.10	U	0.10	U
Carbon disulfide	60	200	U	0.10	U	0.10	U	2.10	U	2.1	U	2.1	U	0.10	U	0.10	U
Carbon tetrachloride	5	200	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U
Chlorobenzene	5	200	U	0.10	U	0.10	U	1.60	U	1.6	U	1.6	U	0.10	U	0.10	U
Chlorobromomethane	5	200	U	0.10	U	0.10	U	1.70	U	1.7	U	1.7	U	0.10	U	0.10	U
Chloroethane	5	200	U	0.10	U	0.10	U	2.50	U	2.5	U	2.5	U	0.10	U	0.10	U
Chloroform	7	200	U	0.10	U	0.10	U	1.90	U	1.9	U	1.9	U	0.10	U	0.10	U
Chloromethane	5	200	U	0.10	U	0.10	UJ	2.30	U	2.3	U	2.3	U	0.18	J*	0.10	U
cis-1,2-Dichloroethene	5	200	U	0.10	U	0.10	U	1.80	U	1.8	U	1.8	U	0.19	J	0.26	J
cis-1,3-Dichloropropene	0.4	200	U	0.10	U	0.10	U	1.40	U	1.4	U	1.4	U	0.10	U	0.10	U
Ethylbenzene	5	200	U	0.10	U	0.10	U	1.60	U	1.6	U	1.6	U	0.10	U	0.10	U
Methylene chloride	5	200	U	0.44	U	0.10	U	1.30	U	1.3	U	1.3	U	0.27	JB	0.38	JB
Styrene	5	200	U	0.10	U	0.10	U	1.70	U	1.7	U	1.7	U	0.10	U	0.10	U
Tetrachloroethene	5	2,600		0.10	U	0.57	J	2.1	U	2.1	U	2.1	U	0.64	J	2.2	J
Toluene	5	200	U	0.10	U	0.51	J	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	200	U	0.10	U	0.10	U	1.90	U	1.9	U	1.9	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	200	U	0.10	U	0.10	U	1.60	U	1.6	U	1.6	U	0.10	U	0.10	U
Trichloroethene	5	81	J	0.10	U	0.88	J	1.9	U	1.9	U	1.9	U	1.7	J	2.3	J
Vinyl chloride	2	200	U	0.10	U	0.10	U	2.30	U	2.3	U	2.3	U	0.10	U*	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.10	U	0.10	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units: Analyte	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-3B		FSMW-3B - Duplicate		FSMW-3B		FSMW-3B		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A	
		Sep-08		Sep-08		Aug-07		Aug-06		Jun-18		Mar-18		Mar-18		Dec-17	
		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(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	10	U	0.24	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	10	U	0.37	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	10	U	0.43	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	10	U	0.26	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	0.12	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	10	U	0.43	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	10	U	0.35	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	10	U	1.9	U	0.10	U	0.10	U	0.10	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	10	U	2.9	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	10	U	2.7	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.10	U	0.10	U*	0.10	U	10	U	5	U	0.10	U	1.70	U	0.10	U
Benzene	1	0.10	U	0.10	U	0.10	U	10	U	0.43	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	10	U	0.34	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	10	U	0.54	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	10	UJ	1	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	10	U	0.16	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	10	UJ	0.21	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	10	U	0.38	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	10	U	0.41	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	10	UJ	0.32	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	10	U	0.33	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	10	U	0.14	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	3.7	U	0.10	U	0.10	U	0.57	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U	0.46	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	10	U	0.3	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.30	JB	0.60	JB	0.10	U	10	U	0.32	U	0.10	U	0.37	U	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	10	U	0.42	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	0.10	U	0.10	U	3.80	J	10	U	57	U	54	U	49	U	48	U
Toluene	5	0.10	U	0.10	U	0.10	U	10	U	0.38	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	0.24	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	10	U	0.49	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.97	J	0.54	J	0.10	U	10	U	0.92	J	0.62	J	0.73	J	0.44	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	10	U	0.17	U	0.10	U	0.10	U	0.10	J
m+p Xylene	5	NA		NA		NA		NA		0.3	U	NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		0.36	U	NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	10.00	U	82	U	NA		0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4A		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A	
		Sep-17		Jun-17		Jun-17		Mar-17		Mar-17		Dec-16		Dec-16		Sep-16	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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	0.20	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.20	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	0.20	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	0.20	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	0.20	U
1,2-Dichloroethane	0.6	0.10	U	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.20	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.20	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.20	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Acetone	50	0.10	U	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.20	UJ
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Bromomethane	5	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	UJ
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	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	0.20	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.20	U
cis-1,2-Dichloroethene	5	0.57	J	5.6	J	5.6	J	4.4	J	4.1	J	9.4	J	9.8	J	14	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	0.20	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Tetrachloroethene	5	81		52		49		69		68		94		97		200	
Toluene	5	0.10	U	0.10	U	0.16	J	0.10	U	0.10	U	0.76	J	0.96	J	0.20	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.24	J
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	0.20	U
Trichloroethene	5	5.3	J	5.9	J	6.0	J	0.60	J	0.57	J	4.8	J	5.0	J	9.5	J
Vinyl chloride	2	0.10	J	1.1	J	1.1	J	1.30	J	1.10	J	0.10	U	0.10	U	0.93	J
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate	
		Sep-16		Jun-16		Jun-16		Apr-16		Dec-15		Dec-15		Sep-15		Sep-15	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	420	U	420	U
1,1,2,2-Tetrachloroethane	5	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	300	U	300	U
1,1,2-Trichloroethane	1	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	380	U	380	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U	340	U
1,1-Dichloroethene	5	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	500	U	500	U
1,2-Dichloroethane	0.6	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	170	U	170	U
1,2-Dichloropropane	1	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U	340	U
2-Butanone (MEK)	50	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	300	U	300	U
2-Hexanone	50	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	360	U	360	U
4-Methyl-2-Pentanone (MIBK)	NC	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U	340	U
Acetone	50	0.20	UJ	0.20	UJ	0.20	UJ	0.50	U	0.10	UJ	0.10	UJ	380	U	380	U
Benzene	1	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	320	U	320	U
Bromodichloromethane	50	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	300	U	300	U
Bromoform	50	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	1000	U	1000	U
Bromomethane	5	0.20	UJ	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	860	U	860	U
Carbon disulfide	60	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	420	U	420	U
Carbon tetrachloride	5	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	400	U	400	U
Chlorobenzene	5	0.20	U	0.20	U	0.20	U	0.50	U	1.70		1.70		320	U	320	U
Chlorobromomethane	5	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U	340	U
Chloroethane	5	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	500	U	500	U
Chloroform	7	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	380	U	380	U
Chloromethane	5	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	460	U	460	U
cis-1,2-Dichloroethene	5	14	J	15	J	14	J	19	J	80		87		360	U	360	U
cis-1,3-Dichloropropene	0.4	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	280	U	280	U
Ethylbenzene	5	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	320	U	320	U
Methylene chloride	5	0.20	U	0.20	U	0.20	U	0.50	U	0.10	UJ	0.10	UJ	260	U	260	U
Styrene	5	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U	340	U
Tetrachloroethene	5	200		300		310		580		7,800	D	7,600	D	28,000		27,000	
Toluene	5	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	320	U	320	U
trans-1,2-Dichloroethene	5	0.22	J	0.20	U	0.20	U	0.69	J	0.25	J	0.27	J	380	U	380	U
trans-1,3-Dichloropropene	0.4	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	320	U	320	U
Trichloroethene	5	9.5	J	10	J	9.8	J	12	J	120		120		560	J	530	J
Vinyl chloride	2	0.97	J	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	460	U	460	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	160	U	160	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units: Analyte	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate	
		Jul-15		Jul-15		Mar-15		Mar-15		Dec-14		Dec-14		Sep-14		Sep-14	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	210	U	210	U	10	U	10	U	110	U	110	U	420	U	210	U
1,1,2,2-Tetrachloroethane	5	150	U	150	U	10	U	10	U	75	U	75	U	300	U	150	U
1,1,2-Trichloroethane	1	190	U	190	U	10	U	10	U	95	U	95	U	380	U	190	U
1,1-Dichloroethane	5	170	U	170	U	10	UJ	10	U	85	U	85	U	340	U	170	U
1,1-Dichloroethene	5	250	U	250	U	10	U	10	UJ	130	U	130	U	500	U	250	U
1,2-Dichloroethane	0.6	83	U	83	U	10	UJ	10	U	42	U	42	U	170	U	83	U
1,2-Dichloropropane	1	170	U	170	U	10	U	10	UJ	85	U	85	U	340	U	170	U
2-Butanone (MEK)	50	150	U	150	U	10	U	10	U	75	UJ	75	UJ	300	U	150	U
2-Hexanone	50	180	U	180	U	10	U	10	U	90	UJ	90	UJ	360	U	180	U
4-Methyl-2-Pentanone (MIBK)	NC	170	U	170	U	10	U	10	U	85	U	85	U	340	U	170	U
Acetone	50	190	U	190	U	10	U	10	U	95	UJ	95	UJ	380	U	190	U
Benzene	1	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U
Bromodichloromethane	50	150	U	150	U	10	U	10	U	75	U	75	U	300	U	150	U
Bromoform	50	500	U	500	U	10	U	10	U	250	U	250	U	1,000	UJ	500	U
Bromomethane	5	430	U	430	U	10	U	10	U	220	U	220	U	860	U	430	U
Carbon disulfide	60	210	U	210	U	10	U	10	U	110	U	110	U	420	U	210	U
Carbon tetrachloride	5	200	U	200	U	10	U	10	U	100	U	100	U	400	U	200	U
Chlorobenzene	5	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U
Chlorobromomethane	5	170	U	170	U	10	U	10	U	85	U	85	U	340	U	170	U
Chloroethane	5	250	U	250	U	10	U	10	U	130	U	130	U	500	U	250	U
Chloroform	7	190	U	190	U	10	U	10	U	95	U	95	U	380	U	190	U
Chloromethane	5	230	U	230	U	10	U	10	U	120	U	120	U	460	U	230	U
cis-1,2-Dichloroethene	5	460	J	470	J	420		420		110	J	110	J	360	U	280	J
cis-1,3-Dichloropropene	0.4	140	U	140	U	10	U	10	U	70	U	70	U	280	U	140	U
Ethylbenzene	5	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U
Methylene chloride	5	130	U	130	U	10	U	10	U	65	U	65	U	260	U	130	U
Styrene	5	170	U	170	U	10	U	10	U	85	U	85	U	340	U	170	U
Tetrachloroethene	5	31,000	D	31,000	D	19,000		19,000		6,800		6,700		27,000		28,000	D
Toluene	5	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U
trans-1,2-Dichloroethene	5	190	U	190	U	10	U	10	U	95	U	95	U	380	U	190	U
trans-1,3-Dichloropropene	0.4	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U
Trichloroethene	5	770	J	760	J	410		370		120	J	110	J	650	J	650	J
Vinyl chloride	2	230	U	230	U	10	U	10	U	120	U	120	U	460	U	230	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	82	U	10	U	10	U	41	U	41	U	160	U	82	U	410	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate	
		Jun-14		Jun-14		Mar-14		Mar-14		Oct-13		Jul-13		Nov-12		Nov-12	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	1,100	U	1,100	U	840	U	840	U	840	U	1,100	U	84	U	170	U
1,1,2,2-Tetrachloroethane	5	750	U	750	U	600	U	600	U	600	U	750	U	60	U	120	U
1,1,2-Trichloroethane	1	950	U	950	U	760	U	760	U	760	U	950	U	76	U	150	U
1,1-Dichloroethane	5	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U
1,1-Dichloroethene	5	1,300	U	1,300	U	1,000	U	1,000	U	1,000	U	1,300	U	100	U	200	U
1,2-Dichloroethane	0.6	420	U	420	U	330	U	330	U	330	U	420	U	33	U	66	U
1,2-Dichloropropane	1	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U
2-Butanone (MEK)	50	750	U	750	U	600	U	600	U	600	U	750	U	60	UJ	120	UJ
2-Hexanone	50	900	U	900	U	720	U	720	U	720	UJ	900	U	72	UJ	140	UJ
4-Methyl-2-Pentanone (MIBK)	NC	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U
Acetone	50	950	U	950	U	760	U	760	U	760	UJ	950	U	76	UJ	150	UJ
Benzene	1	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U
Bromodichloromethane	50	750	U	750	U	600	U	600	U	600	U	750	U	60	U	120	U
Bromoform	50	2,500	U	2,500	U	2,000	U	2,000	U	2,000	U	2,500	U	200	UJ	400	UJ
Bromomethane	5	2,200	U	2,200	U	1,700	U	1,700	U	1,700	U	2,200	U	170	U	340	U
Carbon disulfide	60	1,100	U	1,100	U	840	U	840	U	840	U	1,100	U	84	U	170	U
Carbon tetrachloride	5	1,000	U	1,000	U	800	U	800	U	800	U	1,000	U	80	U	160	U
Chlorobenzene	5	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U
Chlorobromomethane	5	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U
Chloroethane	5	1,300	U	1,300	U	1,000	U	1,000	U	1,000	UJ	1,300	U	100	U	200	U
Chloroform	7	950	U	950	U	760	U	760	U	760	U	950	U	76	U	150	U
Chloromethane	5	1,200	U	1,200	U	920	U	920	U	920	U	1,200	U	92	U	180	U
cis-1,2-Dichloroethene	5	900	U	900	U	720	U	720	U	720	U	900	U	170	J	170	J
cis-1,3-Dichloropropene	0.4	700	U	700	U	560	U	560	U	560	U	700	U	56	U	110	U
Ethylbenzene	5	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U
Methylene chloride	5	650	U	650	U	520	U	520	U	520	U	650	U	52	U	100	U
Styrene	5	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U
Tetrachloroethene	5	88,000		92,000		76,000	D	76,000	D	51,000		80,000		62,000	D	69,000	D
Toluene	5	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U
trans-1,2-Dichloroethene	5	950	U	950	U	760	U	760	U	760	U	950	U	76	U	150	U
trans-1,3-Dichloropropene	0.4	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U
Trichloroethene	5	1,400	J	1,400	J	2,400	J	2,400	J	760	U	950	U	2,100		1,900	
Vinyl chloride	2	1,200	U	1,200	U	920	U	920	U	920	U	1,200	U	92	U	180	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	410	U	330	U	330	U	330	U	410	U	33	U	65	U	200	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4A		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate	
		Jul-12		Apr-12		Apr-12		Dec-11		Dec-11		Jul-11		Apr-11		Apr-11	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	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	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	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	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	630	U	630	U	630	U	2.5	U	2.5	U	4.0	U	4.0	U	4.0	U
1,2-Dichloroethane	0.6	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	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	380	UJ	380	U	380	U	1.5	UJ	1.5	UJ	4.0	UJ	4.0	UJ	4.0	UJ
2-Hexanone	50	450	U	450	U	450	U	1.8	UJ	1.8	UJ	4.0	U	4.0	U	4.0	U
4-Methyl-2-Pentanone (MIBK)	NC	430	U	430	U	430	U	1.7	U	1.7	U	4.0	U	4.0	U	4.0	U
Acetone	50	480	UJ	480	U	480	U	1.9	UJ	1.9	UJ	15	UJ	7.1	UJ	12	UJ
Benzene	1	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	U	4.0	U
Bromodichloromethane	50	380	U	380	U	380	U	1.5	U	1.5	U	4.0	U	4.0	U	4.0	U
Bromoform	50	1,300	U	1,300	U	1,300	U	5.0	UJ	5.0	UJ	4.0	U	4.0	U	4.0	U
Bromomethane	5	1,100	U	1,100	UJ	1,100	UJ	4.3	U	4.3	U	4.0	U	4.0	U	4.0	U
Carbon disulfide	60	530	U	530	U	530	U	2.1	U	2.1	U	4.0	U	31	U	24	U
Carbon tetrachloride	5	500	U	500	U	500	U	2.0	U	2.0	U	4.0	U	4.0	U	4.0	U
Chlorobenzene	5	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	UJ	6.6	J
Chlorobromomethane	5	430	U	430	U	430	U	1.7	U	1.7	U	4.0	U	4.0	U	4.0	U
Chloroethane	5	630	U	630	U	630	U	2.5	U	2.5	U	4.0	U	4.0	UJ	4.0	UJ
Chloroform	7	480	U	480	U	480	U	1.9	U	1.9	U	4.0	U	4.0	U	4.0	U
Chloromethane	5	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	450	U	450	U	450	U	110		100		130	J	150	J	160	J
cis-1,3-Dichloropropene	0.4	350	U	350	U	350	U	1.4	U	1.4	U	4.0	U	4.0	U	4.0	U
Ethylbenzene	5	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	U	4.0	U
Methylene chloride	5	330	U	330	U	330	U	1.3	U	1.3	U	100	U	71	U	89	U
Styrene	5	430	U	430	U	430	U	1.7	U	1.7	U	4.0	U	4.0	U	4.0	U
Tetrachloroethene	5	66,000	D	35,000		30,000		30,000	D	29,000	D	57,000	D	69,000	D	69,000	D
Toluene	5	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	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	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	U	4.0	U
Trichloroethene	5	1,300	J	1,100	J	970	J	570	D	560	D	1,300		600		620	
Vinyl chloride	2	580	U	580	U	580	U	2.3	U	2.3	U	4.0	U	5.0	J	8.1	J
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	200	U	200	U	0.82	U	0.82	U	4.0	U	4.0	U	4.0	U	4.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate	
		Dec-10		Dec-10		Sep-10		Jun-10		Jun-10		Mar-10		Dec-09		Dec-09	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	4.0	U	4.0	U	0.36	J	2.0	U	2.0	U	4.0	U	10.0	U	10.0	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	10.0	U	10.0	U
1,1,2-Trichloroethane	1	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
1,1-Dichloroethane	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
1,1-Dichloroethene	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
1,2-Dichloroethane	0.6	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
1,2-Dichloropropane	1	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
2-Butanone (MEK)	50	4.0	U	4.0	U	0.10	U	2.0	U*	2.0	U*	4.0	U*	10.0	U*	10.0	U*
2-Hexanone	50	4.0	U	4.0	U	0.10	U	2.0	U*	2.0	U*	4.0	U	10.0	U*	10.0	U*
4-Methyl-2-Pentanone (MIBK)	NC	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Acetone	50	22	JB*	24	JB*	1.6	J	22	JB*	19	JB*	32	JB*	52	JB*	72	JB*
Benzene	1	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Bromodichloromethane	50	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Bromoform	50	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Bromomethane	5	4.0	U	4.0	U	0.10	U	3.3	J	3.70	J	4.0	U	10	U	10.0	U
Carbon disulfide	60	4.0	JB	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Carbon tetrachloride	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Chlorobenzene	5	4.0	U	4.0	U	3.1	J	2.0	U	4.6	J	4.0	U	10	U	10.0	U
Chlorobromomethane	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Chloroethane	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Chloroform	7	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Chloromethane	5	4.0	U	4.0	U	0.10	U*	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
cis-1,2-Dichloroethene	5	36	J	40	J	49		51	J	41	J	110	J	78	J	77	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	10.0	U	10.0	U
Ethylbenzene	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Methylene chloride	5	100	JB	130	JB	0.23	JB	15	JB	18	JB	40	JB	53	JB	48	JB
Styrene	5	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Tetrachloroethene	5	39,000		39,000		38,000	B	24,000		20,000		37,000		9,300		9,100	
Toluene	5	4.0	U	4.0	U	0.24	J	2.0	U	2.2	J	4.0	U	10	U	10.0	U
trans-1,2-Dichloroethene	5	4.0	U	4.0	U	0.31	J	2.0	U	2.0	U	4.0	U	10.0	U	10.0	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	10.0	U	10.0	U
Trichloroethene	5	390		390	J	410	J	320		310		560		140	J	130	J
Vinyl chloride	2	5.0	U	4.0	U	3.6	J*	4.3	J	2.6	J	8.7	J	10	U	10.0	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A	
		Sep-09		Jun-09		Mar-09		Dec-08		Sep-08		Sep-08		Jun-08		Mar-08	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
1,1,2,2-Tetrachloroethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
1,1,2-Trichloroethane	1	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
1,1-Dichloroethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
1,1-Dichloroethene	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
1,2-Dichloroethane	0.6	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
1,2-Dichloropropane	1	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
2-Butanone (MEK)	50	2.5	U*	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
2-Hexanone	50	2.5	U*	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
4-Methyl-2-Pentanone (MIBK)	NC	2.5	U	50	U	500	U	50	U*	5.0	U	5.0	U	1.0	U	40	U
Acetone	50	13	JB*	410	JB	10	UJ	50	U	5.0	U	5.0	U	1.0	U	40	U
Benzene	1	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Bromodichloromethane	50	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Bromoform	50	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Bromomethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Carbon disulfide	60	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Carbon tetrachloride	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Chlorobenzene	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Chlorobromomethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Chloroethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Chloroform	7	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Chloromethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
cis-1,2-Dichloroethene	5	150	J	77	J	150	J	230	J	280	J	290	J	92	J	24	J
cis-1,3-Dichloropropene	0.4	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Ethylbenzene	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Methylene chloride	5	58	JB	520	JB	500	U	570	JB	240	JB	240	JB	24	JB	40	U
Styrene	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Tetrachloroethene	5	40,000		42,000		61,000		54,000		51,000		51,000		55,000		50,000	
Toluene	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
trans-1,2-Dichloroethene	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
trans-1,3-Dichloropropene	0.4	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
Trichloroethene	5	490		280	J	600		420	J	600		640		260		230	J
Vinyl chloride	2	6.7	J	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	0.53	J

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4B		FSMW-4B	
		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Aug-06		Jun-18		Mar-18	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	5	U	0.10	U	2,000	U	2,000	U	5	J	2,000	U	0.24	U	0.10	U
1,1,2,2-Tetrachloroethane	5	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.37	U	0.10	U
1,1,2-Trichloroethane	1	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.43	U	0.10	U
1,1-Dichloroethane	5	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.26	U	0.10	U
1,1-Dichloroethene	5	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.12	U	0.10	U
1,2-Dichloroethane	0.6	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.43	U	0.10	U
1,2-Dichloropropane	1	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.35	U	0.10	U
2-Butanone (MEK)	50	10	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	1.9	U	0.10	U
2-Hexanone	50	10	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	2.9	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	2.7	U	0.10	U
Acetone	50	10	U	0.10	UJ	2,000	U	2,000	U	10	U	2,000	U	5	U	1.5	U
Benzene	1	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.43	U	0.10	U
Bromodichloromethane	50	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.34	U	0.10	U
Bromoform	50	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.54	U	0.10	U
Bromomethane	5	5	UJ	0.10	U	2,000	U	2,000	U	10	U	2,000	U	1	U	0.10	U
Carbon disulfide	60	5	U	0.10	U	2,000	U	2,000	U	10	UJ	2,000	U	0.16	U	0.10	U
Carbon tetrachloride	5	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.21	U	0.10	U
Chlorobenzene	5	5.5		5.1	J	2,000	U	2,000	U	10		2,000	U	0.38	U	0.10	U
Chlorobromomethane	5	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.41	U	0.10	U
Chloroethane	5	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.32	U	0.10	U
Chloroform	7	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.33	U	0.10	U
Chloromethane	5	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.14	U	0.10	U
cis-1,2-Dichloroethene	5	110		66	J	2,000	U	2,000	U	71		2,000	U	0.22	U	0.10	U
cis-1,3-Dichloropropene	0.4	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.46	U	0.10	U
Ethylbenzene	5	5	U	0.10	U	2,000	U	2,000	U	0.7	J	2,000	U	0.3	U	0.10	U
Methylene chloride	5	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.32	U	0.37	U
Styrene	5	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.42	U	0.10	U
Tetrachloroethene	5	48,000		46,000		22,000		18,000		79,000		16,000		6.8		9.3	J
Toluene	5	1.5	J	2.0	J	2,000	U	2,000	U	4	J	2,000	U	0.38	U	0.10	U
trans-1,2-Dichloroethene	5	5	U	0.10	U	2,000	U	2,000	U	0.8	J	2,000	U	0.24	U	0.10	U
trans-1,3-Dichloropropene	0.4	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.49	U	0.10	U
Trichloroethene	5	600	J	720	J	360	J	280	J	1,600	J	420	J	1.6		1.40	J
Vinyl chloride	2	5	U	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.17	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		0.3	U	NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		0.36	U	NA	
Total Xylenes	5	0.58	J	2,000	U	2,000	U	2.0	J	2,000	U	0.82	U	NA		0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B	
		Dec-17		Sep-17		Jun-17		Mar-17		Dec-16		Sep-16		Jun-16		Apr-16	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
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
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
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
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	UJ	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
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
2-Hexanone	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
4-Methyl-2-Pentanone (MIBK)	NC	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	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	U
Benzene	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
Bromodichloromethane	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
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
Bromomethane	5	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U
Carbon disulfide	60	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	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	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
Chloroethane	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
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
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	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	0.10	U	0.10	U	0.10	U	0.10	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	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
Methylene chloride	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
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
Tetrachloroethene	5	3.1	J	6.0	J	4.4	J	8.6	J	7.2	J	7.8	J	13		16	
Toluene	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
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
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
Trichloroethene	5	1.10	J	0.97	J	0.59	J	0.66	J	0.57	J	0.60	J	0.83	J	0.73	J
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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B	
		Dec-15		Sep-15		Jul-15		Mar-15		Dec-14		Sep-14		Jun-14		Mar-14	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
1,1,2,2-Tetrachloroethane	5	0.10	U	1.5	U	1.5	U	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-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
1,1-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
1,1-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
1,2-Dichloroethane	0.6	0.10	U	0.83	U	0.83	U	0.10	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
2-Butanone (MEK)	50	0.10	U	1.5	U	1.5	U	0.10	U	1.5	UJ	1.5	U	1.5	U	1.5	U
2-Hexanone	50	0.10	U	1.8	U	1.8	U	0.10	U	1.8	UJ	1.8	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.10	UJ	1.9	U	1.9	U	0.10	U	1.9	UJ	1.9	U	1.9	U	1.9	U
Benzene	1	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	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
Bromoform	50	0.10	U	5.0	U	5.0	U	0.10	UJ	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5	0.10	UJ	4.3	U	4.3	U	0.10	U	4.3	U	4.3	U	4.3	U	4.3	U
Carbon disulfide	60	0.10	U	2.1	U	2.1	U	0.10	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
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
Chlorobromomethane	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
Chloroethane	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
Chloroform	7	0.10	U	1.9	U	1.9	U	0.20	J	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	2.3	U	2.3	U	0.10	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	0.36	J	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
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
Methylene chloride	5	0.10	UJ	1.3	U	1.3	U	0.10	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
Tetrachloroethene	5	13		20		26		20		5.9	J	4.5	J	10		17	
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
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
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
Trichloroethene	5	1.8		2.3	J	3.1	J	2.7		3.8	J	3.3	J	3.9	J	7.9	J
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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.82	U	0.10	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B - Duplicate	
		Oct-13		Oct-13		Jul-13		Nov-12		Jul-12		Apr-12		Dec-11		Dec-11	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
		Analyte															
1,1,1-Trichloroethane	5	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	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	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	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	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	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	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	1.5	U	1.5	U	1.5	U	1.5	U	4.5	J	1.5	U	1.5	UJ	1.5	UJ
2-Hexanone	50	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ	1.8	UJ
4-Methyl-2-Pentanone (MIBK)	NC	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	1.9	U	1.9	UJ	1.9	U	1.9	U	2.1	UJ	1.9	U	1.9	UJ	1.9	UJ
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	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	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	UJ	5.0	U
Bromomethane	5	4.3	UJ	4.3	U	4.3	U	4.3	UJ	4.3	U	4.3	UJ	4.3	U	4.3	U
Carbon disulfide	60	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	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	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	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	5	2.5	U	2.5	UJ	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	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	5	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	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	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	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	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	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	6.6	J	7.3	J	3.8	J	13		22		14		6.4	U	8.1	U
Toluene	5	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	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	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	4.6	J	4.9	J	4.1	J	3.1	J	5.5	J	6.6	J	4.1	J	4.3	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B	
		Jul-11		Jul-11		Mar-11		Dec-10		Sep-10		Mar-10		Mar-10		Dec-09	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
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
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
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
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
1,2-Dichloroethane	0.6	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	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	0.10	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*
2-Hexanone	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*
4-Methyl-2-Pentanone (MIBK)	NC	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	0.69	UJ	0.86	UJ	0.24	UJ	0.76	JB*	0.82	J	0.10	U*	0.48	JB*	0.39	JB*
Benzene	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
Bromodichloromethane	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
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
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
Carbon disulfide	60	0.10	U	0.10	U	0.19	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.25	J	0.24	J	0.33	J	0.32	J	0.23	J	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
Chlorobromomethane	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
Chloroethane	5	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.33	J	0.10	U	0.10	U
Chloroform	7	0.19	U	0.19	U	0.15	U	0.14	J	0.10	J	0.10	U	0.10	U	0.10	U
Chloromethane	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
cis-1,2-Dichloroethene	5	0.67	J	0.67	J	0.40	J	0.46	J	0.34	J	0.10	U	0.10	U	0.10	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	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
Methylene chloride	5	0.45	U	0.46	U	0.28	U	0.43	JB	0.20	JB	0.36	JB	0.38	JB	0.46	JB
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
Tetrachloroethene	5	13		12		7.5	J	8.4	J	5.2	J	5.0	J	5.1	J	10	
Toluene	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
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	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
Trichloroethene	5	4.9	J	4.8	J	3.6	J	4.5	J	3.3	J	0.77	J	0.78	J	0.26	J
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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	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

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B	
		Sep-09		Sep-09		Jun-09		Mar-09		Dec-08		Dec-08		Sep-08		Jun-08	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
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
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
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
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
1,2-Dichloroethane	0.6	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	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	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	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
4-Methyl-2-Pentanone (MIBK)	NC	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	0.82	JB*	0.93	JB*	1.6	JB	0.45	JB	0.10	U	0.10	U	0.10	U	0.10	U
Benzene	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
Bromodichloromethane	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
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
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
Carbon disulfide	60	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	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	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
Chloroethane	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
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
Chloromethane	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
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	0.10	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	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
Methylene chloride	5	0.41	JB	0.39	JB	0.36	JB	0.10	U	0.10	U	0.10	U	0.26	JB	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
Tetrachloroethene	5	28		27		19		33	B	63		62		33		14	
Toluene	5	0.10	U	0.13	J	0.10	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	0.10	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
Trichloroethene	5	0.47	J	0.49	J	0.29	J	0.51	J	0.53	J	0.63	J	0.34	J	0.10	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	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.12	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4B - Duplicate		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B	
		Jun-08		Mar-08		Mar-08		Dec-07		Aug-07		May-07		Feb-07		Nov-06	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	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	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	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	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	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	10	U	10	U	10	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	U
Acetone	50	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	10	UJ	10	U	10	UJ
Benzene	1	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	5	UJ	0.10	U	10	U	10	U	10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	5	UJ	0.10	U	10	UJ	10	U	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	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	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Styrene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Tetrachloroethene	5	13		50		44		40		25		11		26		28	J
Toluene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	13		0.15	J	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	U
Trichloroethene	5	0.10	U	0.98	J	1.0	J	5	U	0.49	J	10	U	0.7	J	0.8	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	UJ	10	U	10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	5	U	0.10	U	0.10	U	10	U	10	U	10	U	10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-4B		FSMW-5A		FSMW-5A		FSMW-5A		FSMW-5A		FSMW-5A		FSMW-5A - Duplicate		FSMW-5A	
		Aug-06		Oct-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-09		Sep-08	
		137-147 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
		Analyte															
1,1,1-Trichloroethane	5	10	U	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	10	U	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	10	U	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	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	10	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	10	UJ	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	10	U	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	10	UJ	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U*	0.10	U
2-Hexanone	50	10	U	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)	NC	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	10	U	1.9	U	1.9	U	4.9	U	1.8	JB	1.4	JB*	1.1	JB*	0.10	U*
Benzene	1	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	10	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	10	U	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	10	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	10	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	10	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	10	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	10	U	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	10	U	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	10	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	10	U	1.3	U	1.3	U	1.3	U	0.21	JB	0.37	JB	0.43	JB	0.26	JB
Styrene	5	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	49		2.1	U	2.1	U	4.0	U	0.36	J	0.10	U	0.17	J	0.10	U
Toluene	5	10	U	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	10	U	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	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
Vinyl chloride	2	10	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-5A		FSMW-5A		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B	
		Aug-07		Aug-06		Oct-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-08	
		60-70 feet bgs		60-70 feet bgs		130-140 feet bgs		130-140 feet bgs		130-140 feet bgs		130-140 feet bgs		130-140 feet bgs		130-140 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	10	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	10	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	10	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	10	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	10	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U
2-Hexanone	50	0.10	U	10	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.10	U	10	U	1.9	U	1.9	U	1.9	U	0.58	J	0.90	JB*	0.10	U
Benzene	1	0.10	U	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	10	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	10	U	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	10	UJ	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	10	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	10	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	10	UJ	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	10	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	10	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	10	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.10	U	10	U	1.3	U	1.3	U	1.3	U	0.17	JB	0.40	JB	0.28	JB
Styrene	5	0.10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	0.51	J	10	U	2.1	U	2.1	U	2.1	U	0.45	J	0.28	J	0.10	U
Toluene	5	0.10	U	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.10	U	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
Vinyl chloride	2	0.10	U	10	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-5B		FSMW-5B		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A - Duplicate		FSMW-6A	
		Aug-07		Aug-06		Mar-18		Dec-16		Dec-15		Sep-15		Sep-15		Jul-15	
		130-140 feet bgs		130-140 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	10	U	0.10	U	0.10	UJ	0.10	U	1.5	U	1.5	U	1.5	U
2-Hexanone	50	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.10	U	10	U	0.10	U	0.10	UJ	0.10	UJ	1.9	U	1.9	U	1.9	U
Benzene	1	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.10	U	10	U	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U	5.0	U
Bromomethane	5	0.10	U	10	UJ	0.10	U	0.10	U	0.10	UJ	4.3	U	4.3	U	4.3	U
Carbon disulfide	60	0.10	U	10	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	10	UJ	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U
Chloroform	7	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	10	U	0.10	U	0.10	UJ	0.10	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.10	U	10	U	0.10	U	0.10	U	0.10	UJ	1.3	U	1.3	U	1.3	U
Styrene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U
Toluene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	0.10	U	10	U	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	U	0.82	U	0.10	U	0.10	U	0.10	U	0.82	U	0.82	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A	
		Apr-15		Dec-14		Sep-14		Jun-14		Mar-14		Oct-13		Jul-13		Nov-12	
		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	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	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	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	UJ	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	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	0.6	0.10	UJ	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	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	1.5	UJ	1.5	U	1.5	U	1.5	UJ	1.5	U	1.5	U	1.5	UJ
2-Hexanone	50	0.10	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ
4-Methyl-2-Pentanone (MIBK)	NC	0.10	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	UJ	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	UJ
Benzene	1	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	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	UJ	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Bromomethane	5	0.10	U	4.3	U	4.3	U	4.3	U	4.3	UJ	4.3	U	4.3	U	4.3	U
Carbon disulfide	60	0.10	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	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	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	0.10	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	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	0.10	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	0.12	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	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	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.10	U	1.3	U	1.3	J	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	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	1.8	U	2.1	U	2.1	U	5.8	J	7.8	J	2.1	U	2.1	U	7.3	J
Toluene	5	0.10	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	0.15	J	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	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	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	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A - Duplicate		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A	
		Jul-12		Apr-12		Dec-11		Dec-11		Jul-11		Mar-11		Dec-10		Sep-10	
		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
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
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
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
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
1,2-Dichloroethane	0.6	0.83	U	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	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	UJ	1.5	U	1.5	UJ	1.5	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	U
2-Hexanone	50	1.8	U	1.8	U	1.8	UJ	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	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	UJ	1.9	U	1.9	UJ	1.9	UJ	0.46	UJ	0.34	UJ	0.98	JB*	1.0	J
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	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
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
Bromomethane	5	4.3	U	4.3	UJ	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.30	U	0.10	U	0.10	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
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
Chlorobromomethane	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
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	UJ	0.10	U	0.10	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
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.16	J*
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
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
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
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.38	U	0.33	U	1.2	JB	0.30	JB
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
Tetrachloroethene	5	2.1	U	2.4	J	4.9	J	4.3	J	1.3	U	3.0	J	0.79	J	0.46	J
Toluene	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
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
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
Trichloroethene	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
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*
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A - Duplicate	
		Mar-10		Dec-09		Sep-09		Jun-09		Mar-09		Dec-08		Sep-08		Sep-08	
		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
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
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
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
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
1,2-Dichloroethane	0.6	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	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	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	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
4-Methyl-2-Pentanone (MIBK)	NC	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	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	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
Bromodichloromethane	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
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
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
Carbon disulfide	60	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	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	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
Chloroethane	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
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
Chloromethane	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
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	0.10	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	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
Methylene chloride	5	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	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	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	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	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	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	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	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	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

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units: Analyte	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-6A		FSMW-6A - Duplicate		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A - Duplicate	
		Jun-08		Jun-08		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Nov-06	
		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs	
		(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	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
1,1,2-Trichloroethane	1	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
1,1-Dichloroethane	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
1,1-Dichloroethene	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
1,2-Dichloroethane	0.6	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	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
2-Butanone (MEK)	50	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	UJ	10	UJ
2-Hexanone	50	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	UJ	10	UJ
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Acetone	50	0.10	U	0.10	U	10	U	0.10	U	10	UJ	10	U	10	UJ	10	UJ
Benzene	1	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Bromodichloromethane	50	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Bromoform	50	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Bromomethane	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Carbon disulfide	60	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Carbon tetrachloride	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Chlorobenzene	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Chlorobromomethane	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Chloroethane	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Chloroform	7	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Chloromethane	5	0.10	U	0.10	U	5	U	0.10	U	10	UJ	10	U	10	UJ	10	UJ
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Ethylbenzene	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Methylene chloride	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Styrene	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Tetrachloroethene	5	1.9	J	2.0	J	0.67	J	2.6	J	1.3	J	3.9	J	10	UJ	10	UJ
Toluene	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Trichloroethene	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ
Vinyl chloride	2	0.10	U	0.10	U	5	U	0.10	U	10	UJ	10	U	10	UJ	10	UJ
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	10	U	10	U	10	UJ	10	UJ	10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-6A		FSMW-6B		FSMW-6B		FSMW-6B - Duplicate		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-6B	
		Aug-06		Mar-18		Dec-16		Dec-16		Sep-15		Sep-14		Oct-13		Nov-12	
		56-59 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	10	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	10	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	10	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	10	U	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	10	UJ	0.10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	10	UJ	0.10	U	0.10	UJ	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	UJ
2-Hexanone	50	10	U	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	UJ
4-Methyl-2-Pentanone (MIBK)	NC	10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	10	U	0.10	U	0.10	UJ	0.10	UJ	1.9	U	1.9	U	1.9	U	1.9	UJ
Benzene	1	10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	10	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	10	U	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Bromomethane	5	10	U	0.10	U	0.10	U	0.10	U	4.3	U	4.3	U	4.3	U	4.3	U
Carbon disulfide	60	10	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	10	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	10	U	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	10	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	10	U	0.10	U	0.10	UJ	0.10	UJ	2.3	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	10	U	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	10	U	0.10	U	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	10	U	0.10	U	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	10	U	6.4	J	5.6	J	5.9	J	39		42		67		79	
Toluene	5	10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	10	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	10	U	0.95	J	0.47	J	0.51	J	1.9	U	1.9	U	1.9	U	2.6	J
Vinyl chloride	2	10	U	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.10	U	0.10	U	0.10	U	0.82	U	0.82	U	0.82	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-6B		FSMW-6B		FSMW-6B - Duplicate		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-7A	
		Sep-10		Sep-09		Sep-09		Sep-08		Aug-07		May-07		Aug-06		Oct-15	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.9	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.7	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.7	U
2-Butanone (MEK)	50	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	10	U	10	U	1.5	U
2-Hexanone	50	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	10	U	10	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.7	U
Acetone	50	0.91	J	1.5	J*	0.88	J*	0.10	U*	0.10	U	10	UJ	10	U	1.9	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	5.0	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	4.3	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	2.1	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.9	U
Chloromethane	5	0.18	J*	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	10	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.6	U
Methylene chloride	5	0.30	JB	0.42	JB	0.38	JB	0.51	JB	0.10	U	10	U	10	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.7	U
Tetrachloroethene	5	110		7.7	J	6.9	J	15		1.2	J	1.8	J	10	U	2.1	U
Toluene	5	0.11	J	0.18	J	0.17	J	0.10	U	0.10	U	10	U	10	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.9	J	10	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	1.6	U
Trichloroethene	5	3.7	J	1.8	J	1.7	J	1.7	J*	1.2	J	1.7	J	3	J	1.9	U
Vinyl chloride	2	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	10	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-7A		FSMW-7A		FSMW-7A		FSMW-7A		FSMW-7A - Duplicate		FSMW-7A		FSMW-7A		FSMW-7A	
		Oct-14		Oct-13		Sep-10		Sep-09		Sep-09		Sep-08		Aug-07		Aug-06	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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	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	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	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	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	10	U
1,2-Dichloroethane	0.6	0.83	U	0.83	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	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	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
2-Hexanone	50	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)	NC	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	1.0	JB*	0.74	JB	0.10	U	0.10	U	0.10	U	10	U
Benzene	1	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromodichloromethane	50	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	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon disulfide	60	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	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	10	U
Chlorobromomethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	5	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane	5	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	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	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	10	U
Methylene chloride	5	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	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	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	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	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	10	U
Trichloroethene	5	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	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-7B		FSMW-7B		FSMW-7B - Duplicate		FSMW-7B		FSMW-7B		FSMW-7B - Duplicate		FSMW-7B		FSMW-7B	
		Oct-15		Oct-14		Oct-14		Oct-13		Sep-10		Sep-10		Sep-09		Sep-08	
		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
		Analyte															
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
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
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
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
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
1,2-Dichloroethane	0.6	0.83	U	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	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	1.5	U	0.10	U*	0.10	U*	0.10	U	0.10	U
2-Hexanone	50	1.8	U	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)	NC	1.7	U	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	1.9	U	0.71	JB*	0.35	JB*	0.10	U	0.10	U
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	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
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
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
Carbon disulfide	60	2.1	U	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	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	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	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
Chloroethane	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
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
Chloromethane	5	2.3	U	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	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	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	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	1.3	U	0.23	JB	0.29	JB	0.36	JB	0.10	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
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
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
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
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
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
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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-7B - Duplicate		FSMW-7B		FSMW-7B		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate	
		Sep-08		Aug-07		Aug-06		Jun-18		Mar-18		Mar-18		Dec-17		Dec-17	
		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	10	U	0.24	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	10	U	0.37	UJ	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	10	U	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	10	U	0.26	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	10	U	0.12	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	10	UJ	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	10	U	0.35	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	10	UJ	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Hexanone	50	0.10	U	0.10	U	10	U	2.9	U	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	10	U	2.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.10	U	0.10	U	10	U	5	U	1.1	U	1.9	U	0.10	U	0.10	U
Benzene	1	0.10	U	0.10	U	10	U	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	10	U	0.34	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	10	U	0.54	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	10	U	1	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	10	U	0.16	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	10	U	0.21	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	10	U	0.38	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	10	U	0.41	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	10	U	0.32	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	10	U	0.33	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	10	U	0.14	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	10	U	0.53	J	0.10	U	0.10	U	1.6	J	1.5	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	10	U	0.46	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	10	U	0.3	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.44	JB	0.10	U	10	U	0.32	U	0.39	U	0.45	U	0.10	U	0.10	U
Styrene	5	0.10	U	0.10	U	10	U	0.42	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	0.10	U	0.38	J	10	U	16		31		30		22		24	
Toluene	5	0.10	U	0.10	U	10	U	0.38	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	10	U	0.24	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	10	U	0.49	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.10	U	1.1	J	2	J	0.75	J	1.4	J	1.3	J	1.2	J	1.5	J
Vinyl chloride	2	0.10	U	0.10	U	10	U	0.17	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		0.3	U	NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		0.36	U	NA		NA		NA		NA	
Total Xylenes	5	0.10	U	10	U	4.1	U	NA		0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A	
		Sep-17		Jun-17		Mar-17		Dec-16		Sep-16		Sep-16		Jun-16		Apr-16	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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	0.20	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	0.20	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	0.20	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	0.20	U
1,1-Dichloroethene	5	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	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	0.20	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.20	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Acetone	50	0.10	U	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.20	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Bromomethane	5	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	U	0.20	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	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	0.20	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.20	U
cis-1,2-Dichloroethene	5	1.3	J	1.7	J	1.7	J	2.6	J	5.1	J	5.0	J	14		35	
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	0.20	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
Tetrachloroethene	5	13		22		30		44		52		54		120		190	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.54	J
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	0.20	U
Trichloroethene	5	0.7	J	0.99	J	1.6	J	1.7	J	2.7	J	2.6	J	6.8	J	14	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate	
		Dec-15		Dec-15		Oct-15		Oct-15		Jul-15		Jul-15		Apr-15		Apr-15	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	11	U	11	U	11	U	11	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	7.5	U	7.5	U	7.5	U	7.5	U	0.50	U	0.50	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	9.5	U	9.5	U	9.5	U	9.5	U	0.50	U	0.50	U
1,1-Dichloroethane	5	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U	8.5	U	0.50	UJ	0.50	UJ
1,1-Dichloroethene	5	0.10	U	0.10	U	13	U	13	U	13	U	13	U	0.50	U	0.50	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	4.2	U	4.2	U	4.2	U	4.2	U	0.50	UJ	0.50	UJ
1,2-Dichloropropane	1	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U	8.5	U	0.50	U	0.50	U
2-Butanone (MEK)	50	0.10	U	0.10	U	7.5	U	7.5	U	7.5	U	7.5	U	0.50	U	0.50	U
2-Hexanone	50	0.10	U	0.10	U	9.0	U	9.0	U	9.0	U	9.0	U	0.50	U	0.50	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U	8.5	U	0.50	U	0.50	U
Acetone	50	0.10	UJ	0.10	UJ	9.5	U	9.5	U	9.5	U	9.5	U	0.50	U	0.50	U
Benzene	1	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U
Bromodichloromethane	50	0.10	U	0.10	U	7.5	U	7.5	U	7.5	U	7.5	U	0.50	U	0.50	U
Bromoform	50	0.10	U	0.10	U	25	U	25	U	25	U	25	U	0.50	U	0.50	U
Bromomethane	5	0.10	U	0.10	U	22	U	22	U	22	U	22	U	0.50	U	0.50	U
Carbon disulfide	60	0.10	U	0.10	U	11	U	11	U	11	U	11	U	0.50	U	0.50	U
Carbon tetrachloride	5	0.10	U	0.10	U	10	U	10	U	10	U	10	U	0.50	U	0.50	U
Chlorobenzene	5	0.27	J	0.26	J	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U
Chlorobromomethane	5	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U	8.5	U	0.50	U	0.50	U
Chloroethane	5	0.10	U	0.10	U	13	U	13	U	13	U	13	U	0.50	U	0.50	U
Chloroform	7	0.10	U	0.10	U	9.5	U	9.5	U	9.5	U	9.5	U	0.50	U	0.50	U
Chloromethane	5	0.10	U	0.10	U	12	U	12	U	12	U	12	U	0.50	U	0.50	U
cis-1,2-Dichloroethene	5	76		76		130		120		120		120		34		30	
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	7.0	U	7.0	U	7.0	U	7.0	U	0.50	U	0.50	U
Ethylbenzene	5	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U
Methylene chloride	5	0.10	UJ	0.10	UJ	6.5	U	6.5	U	6.5	U	6.5	U	0.50	U	0.50	U
Styrene	5	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U	8.5	U	0.50	U	0.50	U
Tetrachloroethene	5	330	D	320	D	360		340		260		270		480		490	
Toluene	5	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U
trans-1,2-Dichloroethene	5	0.33	J	0.30	J	9.5	U	9.5	U	9.5	U	9.5	U	0.50	U	0.69	J
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U
Trichloroethene	5	29		29		38	J	36	J	24	J	25	J	18		20	
Vinyl chloride	2	0.10	U	0.10	U	12	U	12	U	12	U	12	U	0.50	U	0.50	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	4.1	U	4.1	U	4.1	U	0.50	U	0.50	U	8.2	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A	
		Dec-14		Dec-14		Oct-14		Oct-14		Jun-14		Mar-14		Mar-14		Oct-13	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	21	U	21	U	21	U	21	U	21	U	21	U	21	U	110	U
1,1,2,2-Tetrachloroethane	5	15	U	15	U	15	U	15	U	15	U	15	U	15	U	75	U
1,1,2-Trichloroethane	1	19	U	19	U	19	U	19	U	19	U	19	U	19	U	95	U
1,1-Dichloroethane	5	17	U	17	U	17	U	17	U	17	U	17	U	17	U	85	U
1,1-Dichloroethene	5	25	U	25	U	25	U	25	U	25	U	25	U	25	U	130	U
1,2-Dichloroethane	0.6	8.3	U	8.3	U	8.3	U	8.3	U	8.3	U	8.3	U	8.3	U	42	U
1,2-Dichloropropane	1	17	U	17	U	17	U	17	U	17	U	17	U	17	U	85	U
2-Butanone (MEK)	50	15	UJ	15	UJ	15	U	15	U	15	U	15	UJ	15	UJ	75	U
2-Hexanone	50	18	UJ	18	UJ	18	U	18	U	18	U	18	U	18	U	90	U
4-Methyl-2-Pentanone (MIBK)	NC	17	U	17	U	17	U	17	U	17	U	17	U	17	U	85	U
Acetone	50	19	UJ	19	UJ	19	U	19	U	19	U	19	U	19	U	95	U
Benzene	1	16	U	16	U	16	U	16	U	16	U	16	U	16	U	80	U
Bromodichloromethane	50	15	U	15	U	15	U	15	U	15	U	15	U	15	U	75	U
Bromoform	50	50	U	50	U	50	U	50	U	50	U	50	U	50	U	250	U
Bromomethane	5	43	U	43	U	43	U	43	U	43	U	43	UJ	43	UJ	220	U
Carbon disulfide	60	21	U	21	U	21	U	21	U	21	U	21	U	21	U	110	U
Carbon tetrachloride	5	20	U	20	U	20	U	20	U	20	U	20	U	20	U	100	U
Chlorobenzene	5	16	U	16	U	16	U	16	U	16	U	16	U	16	U	80	U
Chlorobromomethane	5	17	U	17	U	17	U	17	U	17	U	17	U	17	U	85	U
Chloroethane	5	25	U	25	U	25	U	25	U	25	U	25	U	25	U	130	U
Chloroform	7	19	U	19	U	19	U	19	U	19	U	19	U	19	U	95	U
Chloromethane	5	23	U	23	U	23	U	23	U	23	U	23	U	23	U	120	U
cis-1,2-Dichloroethene	5	18	UJ	18	J	57	J	57	J	180		190		190		170	J
cis-1,3-Dichloropropene	0.4	14	U	14	U	14	U	14	U	14	U	14	U	14	U	70	U
Ethylbenzene	5	16	U	16	U	16	U	16	U	16	U	16	U	16	U	80	U
Methylene chloride	5	13	U	13	U	13	U	13	U	13	U	13	U	13	U	65	U
Styrene	5	17	U	17	U	17	U	17	U	17	U	17	U	17	U	85	U
Tetrachloroethene	5	590		620		1,400	J	1,400		1,900		1,600		1,700		9,600	
Toluene	5	16	U	16	U	16	U	16	U	16	U	16	U	16	U	80	U
trans-1,2-Dichloroethene	5	19	U	19	U	19	U	19	U	19	U	19	U	19	U	95	U
trans-1,3-Dichloropropene	0.4	16	U	16	U	16	U	16	U	16	U	16	U	16	U	80	U
Trichloroethene	5	19	UJ	19	J	57	J	55	J	140		140		130		280	J
Vinyl chloride	2	23	U	23	U	23	U	23	U	23	U	23	U	23	U	120	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	8.2	U	8.2	U	8.2	U	8.2	U	8.2	U	8.2	U	41	U	8.2	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate	
		Jul-13		Nov-12		Jul-12		Jul-12		Apr-12		Dec-11		Jul-11		Jul-11	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	21	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	15	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	19	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
1,1-Dichloroethane	5	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
1,1-Dichloroethene	5	25	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	8.3	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U
1,2-Dichloropropane	1	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
2-Butanone (MEK)	50	15	U	1.5	U	1.5	UJ	1.5	UJ	1.5	U	1.5	UJ	0.10	U	0.10	U
2-Hexanone	50	18	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Acetone	50	19	U	1.9	U	1.9	UJ	1.9	UJ	1.9	U	1.9	UJ	0.78	UJ	0.54	UJ
Benzene	1	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Bromodichloromethane	50	15	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U
Bromoform	50	50	U	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U	0.10	U	0.10	U
Bromomethane	5	43	U	4.3	U	4.3	U	4.3	U	4.3	UJ	4.3	U	0.10	U	0.10	U
Carbon disulfide	60	21	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U
Carbon tetrachloride	5	20	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U
Chlorobenzene	5	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Chlorobromomethane	5	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Chloroethane	5	25	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U
Chloroform	7	19	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
Chloromethane	5	23	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	0.20	J	0.10	J
cis-1,2-Dichloroethene	5	150		40		28		27		4.9	J	1.8	U	0.12	J	0.12	J
cis-1,3-Dichloropropene	0.4	14	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U
Ethylbenzene	5	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Methylene chloride	5	13	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	0.46	U	0.36	U
Styrene	5	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Tetrachloroethene	5	7,200	D	1,000	D	770	D	770	D	84		21		15		13	
Toluene	5	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	19	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Trichloroethene	5	230		53		45		44		8.9	J	1.9	U	0.10	U	0.48	J
Vinyl chloride	2	23	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A	
		Mar-11		Mar-11		Dec-10		Sep-10		Sep-10		Jun-10		Mar-10		Dec-09	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
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
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
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
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
1,2-Dichloroethane	0.6	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	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	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*
2-Hexanone	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*
4-Methyl-2-Pentanone (MIBK)	NC	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	0.49	UJ	0.24	UJ	0.73	JB*	1.2	J	1.1	J	0.10	U*	0.42	JB*	0.95	JB*
Benzene	1	0.10	U	1.2	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	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
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
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
Carbon disulfide	60	0.26	U	0.25	U	0.10	U	0.10	U	0.10	U	0.10	U	0.12	J	0.12	J
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
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
Chlorobromomethane	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
Chloroethane	5	0.10	UJ	0.10	UJ	0.10	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
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.28	J*	0.29	J*	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.26	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.21	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
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
Methylene chloride	5	0.33	U	0.30	U	0.49	JB*	0.27	JB	0.23	JB	0.25	JB	0.40	JB	0.53	JB
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
Tetrachloroethene	5	12		12		12		10		9.9	J	17		23		20	
Toluene	5	0.10	U	0.10	U	0.10	U	0.15	J	0.12	J	0.10	U	0.19	J	0.10	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	0.13	J
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
Trichloroethene	5	0.16	J	0.13	J	0.49	J	0.34	J	0.38	J	0.64	J	0.82	J	1.1	J
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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.34	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A	
		Dec-09		Sep-09		Sep-09		Jun-09		Mar-09		Dec-08		Dec-08		Sep-08	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	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	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	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	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	10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	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	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*	10	U	0.10	U	0.10	U	0.10	U
2-Hexanone	50	0.10	U*	0.10	U*	0.10	U*	0.10	U*	10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U*	0.10	U*	0.10	U
Acetone	50	1.2	JB*	0.48	JB*	0.40	JB*	1.0	J*B	10	UJ	0.10	U	0.10	U	0.10	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	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	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	10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.16	J	0.10	U	0.10	U	0.10	U	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	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	10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	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	10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	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	0.27	J	0.34	J	0.10	U	0.10	U	0.1	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	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	10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.54	JB	0.43	JB	0.43	JB	0.40	JB	10	U	0.10	U	0.10	U	0.37	JB
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	20		20		20		39		29		63		62		77	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.16	J	0.10	U	0.10	U	0.13	J	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	10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.98	J	0.93	J	0.89	J	1.7	J	1.3	J	2.3	J	2.3	J	3.6	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A	
		Sep-08		Jun-08		Mar-08		Dec-07		Dec-07		Aug-07		May-07		Feb-07	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.40	U	10	U	10	U	1.0	U	200	U	400	U
2-Hexanone	50	0.10	U	0.10	U	0.40	U	10	U	10	U	1.0	U	200	U	400	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.40	U	10	U	10	U	1.0	U	200	U	400	U
Acetone	50	0.10	U	0.10	U	0.40	U	10	U	10	U	1.0	U	200	U	400	U
Benzene	1	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Bromodichloromethane	50	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Bromoform	50	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Bromomethane	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Carbon disulfide	60	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Chlorobenzene	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Chlorobromomethane	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Chloroethane	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Chloroform	7	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Chloromethane	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
cis-1,2-Dichloroethene	5	0.10	U	1.9	J	3.2	J	8.1		8.3		7.8	J	7.7	J	12	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Ethylbenzene	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Methylene chloride	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Styrene	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Tetrachloroethene	5	75		200		380		1,200		1,300		1,400		2,200		5,400	
Toluene	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Trichloroethene	5	3.7	J	14		25		78		88		74		110	J	130	J
Vinyl chloride	2	0.10	U	0.10	U	0.40	U	5	U	5	U	1.0	U	2.2	J	400	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-8A		FSMW-8A		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B	
		Nov-06		Aug-06		Mar-18		Dec-16		Dec-15		Oct-15		Jul-15		Apr-15	
		64-74 feet bgs		64-74 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	10	U	1,000	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	0.10	U
1,1,2,2-Tetrachloroethane	5	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U
1,1,2-Trichloroethane	1	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U
1,1-Dichloroethane	5	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	UJ
1,1-Dichloroethene	5	10	U	1,000	U	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
1,2-Dichloroethane	0.6	10	U	1,000	U	0.10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.10	UJ
1,2-Dichloropropane	1	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U
2-Butanone (MEK)	50	10	U	1,000	U	0.10	U	0.10	UJ	0.10	U	1.5	U	1.5	U	0.10	U
2-Hexanone	50	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U
Acetone	50	10	U	1,000	U	0.10	U	0.10	UJ	0.10	UJ	1.9	U	1.9	U	0.10	U
Benzene	1	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U
Bromodichloromethane	50	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U
Bromoform	50	10	U	1,000	U	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U	0.10	U
Bromomethane	5	10	U	1,000	UJ	0.10	U	0.10	U	0.10	UJ	4.3	U	4.3	U	0.10	U
Carbon disulfide	60	10	UJ	1,000	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	0.10	U
Carbon tetrachloride	5	10	U	1,000	UJ	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	0.10	U
Chlorobenzene	5	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U
Chlorobromomethane	5	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U
Chloroethane	5	10	U	1,000	UJ	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Chloroform	7	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U
Chloromethane	5	10	U	1,000	U	0.10	U	0.10	UJ	0.10	U	2.3	U	2.3	U	0.10	U
cis-1,2-Dichloroethene	5	22		1,000	U	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	0.11	U
cis-1,3-Dichloropropene	0.4	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.4	U	1.4	U	0.10	U
Ethylbenzene	5	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U
Methylene chloride	5	10	U	1,000	U	0.52	U	0.10	U	0.10	UJ	1.3	U	1.3	U	0.10	U
Styrene	5	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U
Tetrachloroethene	5	11,000		11,000		1.3	J	0.58	J	0.95	U	2.1	U	2.1	U	1.3	U
Toluene	5	10	U	1,000	U	0.10	U	0.32	J	0.10	U	1.6	U	1.6	U	0.10	U
trans-1,2-Dichloroethene	5	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U
trans-1,3-Dichloropropene	0.4	10	U	1,000	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U
Trichloroethene	5	170		1,000	U	0.33	J	0.21	J	0.25	J	1.9	U	1.9	U	0.25	J
Vinyl chloride	2	6	J	1,000	U	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	1,000	U	0.82	U	0.10	U	0.10	U	0.10	U	0.82	U	0.10	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B - Duplicate		FSMW-8B	
		Dec-14		Oct-14		Jun-14		Mar-14		Oct-13		Jul-13		Jul-13		Nov-12	
		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	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	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	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	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	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	0.6	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	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	1.5	UJ	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	UJ
2-Hexanone	50	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ
4-Methyl-2-Pentanone (MIBK)	NC	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	1.9	UJ	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	UJ
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	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	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Bromomethane	5	4.3	U	4.3	U	4.3	U	4.3	U	4.3	UJ	4.3	U	4.3	U	4.3	U
Carbon disulfide	60	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	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	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	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	5	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	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	5	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	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	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	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	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	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	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	4.5	J
Toluene	5	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	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	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	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	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-8B		FSMW-8B		FSMW-8B - Duplicate		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B - Duplicate	
		Jul-12		Apr-12		Apr-12		Dec-11		Jul-11		Mar-11		Dec-10		Dec-10	
		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
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
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
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
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
1,2-Dichloroethane	0.6	0.83	U	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	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	UJ	1.5	U	1.5	U	1.5	UJ	0.10	U	0.10	UJ	0.10	U	0.10	U
2-Hexanone	50	1.8	U	1.8	U	1.8	U	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	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	UJ	1.9	U	1.9	U	1.9	UJ	0.46	UJ	0.35	UJ	0.63	JB*	0.56	JB*
Benzene	1	1.6	U	1.6	U	1.6	U	1.60	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	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
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
Bromomethane	5	4.3	U	4.3	UJ	4.3	UJ	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.25	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.14	J	0.10	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
Chlorobromomethane	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
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	UJ	0.10	U	0.10	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.11	JB	0.10	U
Chloromethane	5	2.3	U	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	1.8	U	0.10	U	0.10	U	2.3	J	0.22	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
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
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.39	U	0.27	U	0.46	JB	0.49	JB
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
Tetrachloroethene	5	2.1	U	2.1	U	2.1	U	3.0	U	1.9	J	2.4	J	2.5	J	2.8	J
Toluene	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
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
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
Trichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.81	J	1.3	J	2.4	J	2.4	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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B - Duplicate		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B	
		Sep-10		Jun-10		Mar-10		Mar-10		Dec-09		Sep-09		Jun-09		Mar-09	
		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
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
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
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
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
1,2-Dichloroethane	0.6	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	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	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	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*
4-Methyl-2-Pentanone (MIBK)	NC	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	1.1	J	0.10	U*	0.10	JB*	1.0	JB*	0.48	JB*	0.10	U	0.89	JB*	0.48	J
Benzene	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
Bromodichloromethane	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
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
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*
Carbon disulfide	60	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	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	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
Chloroethane	5	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	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	5	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	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	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	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	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	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	2.6	J	3.0	J	3.7	J	3.2	J	2.7	J	2.2	J	2.1	J	1.6	J
Toluene	5	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	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	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	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	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	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

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B - Duplicate		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B	
		Dec-08		Sep-08		Jun-08		Jun-08		Mar-08		Dec-07		Aug-07		May-07	
		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
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
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
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
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
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	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
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
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	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
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	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
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	UJ	0.10	U	10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	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
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	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
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	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
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
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U
Methylene chloride	5	0.10	U	0.29	JB	0.10	U	0.74	JB	0.10	U	5	U	0.10	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
Tetrachloroethene	5	2.1	J	1.3	J	1.9	J	1.7	J	1.6	J	10	U	2.4	J	10	U
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
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
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
Trichloroethene	5	1.6	J	1.5	J	1.4	J	1.5	J	1.2	J	0.98	J	1.4	J	1.2	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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-8B		FSMW-8B		FSMW-8B - Duplicate		FSMW-8B		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A	
		Feb-07		Nov-06		Nov-06		Aug-06		Mar-18		Dec-16		Oct-15		Oct-14	
		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	10	U	10	U	10	U	10	U	0.10	U	0.10	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	10	U	10	U	10	U	10	U	0.10	U	0.10	UJ	1.5	U	1.5	U
1,1,2-Trichloroethane	1	10	U	10	U	10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U
1,1-Dichloroethane	5	10	U	10	U	10	U	10	U	0.10	U	0.10	UJ	1.7	U	1.7	U
1,1-Dichloroethene	5	10	U	10	U	10	U	10	U	0.10	U	0.10	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	10	U	10	U	10	U	10	U	0.10	U	0.10	U	0.83	U	0.83	U
1,2-Dichloropropane	1	10	U	10	U	10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U
2-Butanone (MEK)	50	10	U	10	U	10	U	10	U	0.10	U	0.10	UJ	1.5	U	1.5	U
2-Hexanone	50	10	U	10	U	10	U	10	U	0.10	U	0.10	UJ	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	10	U	10	U	10	U	0.10	U	0.10	UJ	1.7	U	1.7	U
Acetone	50	10	U	10	UJ	10	U	10	U	0.10	U	0.10	UJ	1.9	U	1.9	U
Benzene	1	10	U	10	U	10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U
Bromodichloromethane	50	10	U	10	U	10	U	10	U	0.10	U	0.10	U	1.5	U	1.5	U
Bromoform	50	10	U	10	U	10	U	10	U	0.10	U	0.10	U	5.0	U	5.0	UJ
Bromomethane	5	10	U	10	U	10	U	10	U	0.10	U	0.10	U	4.3	U	4.3	U
Carbon disulfide	60	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	2.1	U	2.1	U
Carbon tetrachloride	5	10	U	10	U	10	U	10	U	0.10	U	0.10	U	2.0	U	2.0	U
Chlorobenzene	5	10	U	10	U	10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U
Chlorobromomethane	5	10	U	10	U	10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U
Chloroethane	5	10	U	10	U	10	U	10	U	0.10	U	0.10	UJ	2.5	U	2.5	U
Chloroform	7	10	U	10	U	10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U
Chloromethane	5	10	U	10	U	10	U	10	U	0.10	U	0.10	UJ	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	10	U	10	U	10	U	10	U	0.10	U	1.3	J	2.1	J	14	
cis-1,3-Dichloropropene	0.4	10	U	10	U	10	U	10	U	0.10	U	0.10	U	1.4	U	1.4	U
Ethylbenzene	5	10	U	10	U	10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U
Methylene chloride	5	10	U	10	U	10	U	10	U	0.10	U	0.10	U	1.3	U	1.3	U
Styrene	5	10	U	10	U	10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U
Tetrachloroethene	5	18		10	U	3	J	17		10		4.1	J	7.4	J	93	
Toluene	5	10	U	10	U	10	U	10	U	0.10	U	3.0	J	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	10	U	10	U	10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	10	U	10	U	10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U
Trichloroethene	5	1.2	J	2	J	2	J	1	J	0.66	J	0.83	J	1.9	U	8.9	J
Vinyl chloride	2	10	U	10	U	10	U	10	U	0.10	U	0.10	UJ	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	U	10	U	10	U	0.82	U	0.10	U	0.10	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-9A - Duplicate		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A	
		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	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	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	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	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	13	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
1,2-Dichloroethane	0.6	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	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	7.5	U	1.5	UJ	0.10	U*	0.10	U	0.10	U	0.10	U	500	U
2-Hexanone	50	1.8	U	9.0	U	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U	500	U
4-Methyl-2-Pentanone (MIBK)	NC	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	9.5	U	1.9	UJ	0.90	JB*	1	J	0.10	U	0.10	U	500	U
Benzene	1	1.6	U	8.0	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Bromodichloromethane	50	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	UJ	25	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Bromomethane	5	4.3	U	22	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	500	UJ
Carbon disulfide	60	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	10	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Chlorobenzene	5	1.6	U	8.0	U	1.6	U	0.10	U	0.10	U	0.10	U	0.63	J	500	U
Chlorobromomethane	5	1.7	U	8.5	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Chloroethane	5	2.5	U	13	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	500	UJ
Chloroform	7	1.9	U	9.5	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Chloromethane	5	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	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	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	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	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	8.5	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Tetrachloroethene	5	93		770		440	D	16	B	28	U	52		500		3,900	
Toluene	5	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	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	8.0	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U
Trichloroethene	5	8.9	J	160		190		0.32	J	0.28	J	0.59	J	36		260	J
Vinyl chloride	2	2.3	U	12	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	500	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	4.1	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B	
		Mar-18		Dec-16		Oct-15		Oct-14		Oct-13		Nov-12		Sep-10		Oct-09	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	UJ	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	UJ	0.10	U*	0.10	U
2-Hexanone	50	0.10	U	0.10	UJ	1.8	U	1.8	U	1.8	U	1.8	UJ	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	UJ	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Acetone	50	0.10	U	0.10	UJ	1.9	U	1.9	U	4.1	U	1.9	UJ	0.93	JB*	1.2	J
Benzene	1	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	5.0	U	5.0	UJ	5.0	U	5.0	UJ	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	4.3	U	4.3	U	4.3	UJ	4.3	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U*	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	UJ	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Methylene chloride	5	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U	0.28	JB	0.4	JB
Styrene	5	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Tetrachloroethene	5	0.73	J	0.77	U	2.1	U	2.4	J	2.1	U	14		7.2	JB	9.3	J
Toluene	5	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.2	J
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Trichloroethene	5	0.10	U	0.20	J	1.9	U	1.9	U	1.9	U	1.9	U	0.24	J	0.47	J
Vinyl chloride	2	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-9B - Duplicate		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-10A		FSMW-10A		FSMW-10A		FSMW-10A	
		Oct-09		Sep-08		Aug-07		Aug-06		Mar-18		Dec-16		Oct-15		Sep-14	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	UJ	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	UJ	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	UJ	1.5	U	1.5	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	UJ	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	UJ	1.7	U	1.7	U
Acetone	50	1.20	U	0.10	U*	0.10	U	10	U	0.10	U	0.10	UJ	1.9	U	1.9	U
Benzene	1	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.5	U	1.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	5.0	U	5.0	UJ
Bromomethane	5	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	0.10	U	4.3	U	4.3	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	0.10	UJ	2.5	U	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	UJ	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U
Methylene chloride	5	0.46	JB	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.3	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U
Tetrachloroethene	5	10	J	29		25		10	U	2.0	J	0.69	U	3.2	J	3.2	U
Toluene	5	0.17	J	0.10	U	0.10	U	10	U	0.10	U	1.40	J	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U
Trichloroethene	5	0.49	J	0.50	J*	1.1	J	2	J	0.10	U	0.10	U	1.9	U	1.9	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	UJ	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	10	U	0.82	U	0.10	U	0.10	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-10A		FSMW-10A		FSMW-10A - Duplicate		FSMW-10A		FSMW-10A - Duplicate		FSMW-10A		FSMW-10A		FSMW-10A - Duplicate	
		Oct-13		Nov-12		Nov-12		Sep-10		Sep-10		Sep-09		Sep-08		Sep-08	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
		Analyte															
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
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
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
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
1,1-Dichloroethene	5	2.5	U	2.5	UJ	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	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	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	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U
2-Hexanone	50	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	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	1.9	U	1.9	U	1.9	U	1.6	J	1.1	J	0.10	U*	0.10	U	0.10	U
Benzene	1	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	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
Bromoform	50	5.0	U	5.0	UJ	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.3	UJ	4.3	UJ	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	2.1	U	2.1	U	2.1	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	0.10	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
Chlorobromomethane	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
Chloroethane	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
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
Chloromethane	5	2.3	U	2.3	U	2.3	U	0.25	J*	0.20	J*	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	0.17	J	0.15	J	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
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
Methylene chloride	5	1.3	U	1.3	U	1.3	U	0.26	JB	0.25	JB	0.36	JB	0.10	U	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
Tetrachloroethene	5	140		12		10		200	B	200	B	44		11		11	
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
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
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
Trichloroethene	5	2.3	J	1.9	U	1.9	U	1.9	J	2.0	J	0.54	J	0.10	U	0.10	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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-10A		FSMW-10A		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B	
		Aug-07		Aug-06		Mar-18		Dec-16		Oct-15		Oct-14		Oct-13		Sep-10	
		60-70 feet bgs		60-70 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	10	U	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U
1,1-Dichloroethane	5	0.10	U	10	U	0.10	U	0.10	UJ	1.7	U	1.7	U	1.7	U	0.27	J
1,1-Dichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	0.11	J
1,2-Dichloroethane	0.6	0.10	U	10	UJ	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U	0.10	U
1,2-Dichloropropane	1	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U
2-Butanone (MEK)	50	0.10	U	10	UJ	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	0.10	U
2-Hexanone	50	0.10	U	10	U	0.10	U	0.10	UJ	1.8	U	1.8	U	1.8	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	10	U	0.10	U	0.10	UJ	1.7	U	1.7	U	1.7	U	0.10	U
Acetone	50	0.10	U	10	U	0.10	U	0.10	UJ	1.9	U	1.9	U	1.9	U	1.2	J
Benzene	1	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U
Bromodichloromethane	50	0.10	U	10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	0.10	U
Bromoform	50	0.10	U	10	U	0.10	U	0.10	U	5.0	U	5.0	UJ	5.0	U	0.10	U
Bromomethane	5	0.10	U	10	U	0.10	U	0.10	U	4.3	U	4.3	U	4.3	UJ	0.10	U
Carbon disulfide	60	0.10	U	10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	0.10	U
Carbon tetrachloride	5	0.10	U	10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	0.10	U
Chlorobenzene	5	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U
Chlorobromomethane	5	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U
Chloroethane	5	0.10	U	10	U	0.10	U	0.10	UJ	2.5	U	2.5	U	2.5	U	0.10	U
Chloroform	7	0.10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U
Chloromethane	5	0.10	U	10	U	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U	0.10	U*
cis-1,2-Dichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	10	U	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U	0.10	U
Ethylbenzene	5	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U
Methylene chloride	5	0.10	U	10	U	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U	0.28	JB
Styrene	5	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U
Tetrachloroethene	5	72		87		1.4	J	0.69	U	2.1	U	2.1	U	2.1	U	0.86	J
Toluene	5	0.10	U	10	U	0.10	U	1.40	J	1.6	U	1.6	U	1.6	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U
Trichloroethene	5	1.5	J	2	J	1.1	J	0.84	J	1.9	U	1.9	U	1.9	U	1.3	J
Vinyl chloride	2	0.10	U	10	U	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U	0.10	U*
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	U	0.82	U	0.10	U	0.10	U	0.82	U	0.82	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-10B		FSMW-10B		FSMW-10B		FSMW-11		FSMW-11		FSMW-11		FSMW-11		FSMW-11	
		Sep-09		Sep-08		Aug-07		Mar-18		Dec-16		Oct-15		Sep-14		Oct-13	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	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	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.27	J	0.73	J	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.12	J	0.10	U	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U
2-Hexanone	50	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.62	JB*	0.10	U*	0.10	U	0.10	U	0.10	UJ	1.9	U	1.9	U	1.9	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U	5.0	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	4.3	U	4.3	U	4.3	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	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	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.34	JB	0.47	JB	0.10	U	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	0.55	J	0.10	U	0.34	J	0.65	J	1.00	J	2.1	U	2.1	U	2.5	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.33	J	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	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	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	1.3	J	1.3	J	1.6	J	0.53	J	0.56	J	1.9	U	1.9	U	4.8	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.82	U	0.10	U	0.10	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-11 - Duplicate		FSMW-11		FSMW-11		FSMW-11		FSMW-11		FSMW-11		FSMW-12		FSMW-12	
		Oct-13		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06		Mar-18		Dec-16	
		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	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	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	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	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	10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	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	10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	0.10	UJ
2-Hexanone	50	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Acetone	50	1.9	U	1.6	J	1.5	U	0.10	U	0.10	UJ	10	U	0.10	U	0.10	UJ
Benzene	1	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Bromodichloromethane	50	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	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	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	10	U	0.10	U	0.10	U
Carbon disulfide	60	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	0.10	U	0.13	J	0.10	U	1.3	J	0.6	J	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Chlorobromomethane	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Chloroethane	5	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Chloroform	7	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Chloromethane	5	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	UJ
cis-1,2-Dichloroethene	5	1.8	U	0.22	J	0.34	J	0.59	J	0.95	J	10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	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	10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	0.27	JB	0.41	JB	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Styrene	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Tetrachloroethene	5	2.5	J	2.3	J	3.3	J	3.0	J	6.9	J	5.0	J	1.50	J	4.8	J
Toluene	5	1.6	U	0.10	U	0.29	J	0.10	U	0.10	U	10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	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	10	U	0.10	U	0.10	U
Trichloroethene	5	4.9	J	3.0	J	4	J	13		22		21		6.9	J	5.7	J
Vinyl chloride	2	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-12		FSMW-12 - Duplicate		FSMW-12		FSMW-12		FSMW-12		FSMW-12		FSMW-12		FSMW-12 - Duplicate	
		Oct-15		Oct-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-08		Sep-08	
		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
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
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
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
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
1,2-Dichloroethane	0.6	0.83	U	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	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	1.5	U	0.10	U*	0.10	U	0.10	U	0.10	U
2-Hexanone	50	1.8	U	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)	NC	1.7	U	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	2.8	J	1.1	JB*	0.75	J	0.10	U*	0.10	U*
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	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
Bromoform	50	5.0	U	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	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	2.1	U	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	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	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	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
Chloroethane	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
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
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	0.22	J*	0.10	U	0.10	U	0.10	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
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
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
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
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
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
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
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
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
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*
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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-12		FSMW-12		FSMW-13A		FSMW-13A - Duplicate		FSMW-13A		FSMW-13A		FSMW-13A - Duplicate		FSMW-13A	
		Aug-07		Aug-06		Jun-18		Jun-18		Mar-18		Dec-17		Dec-17		Sep-17	
		139-149 feet bgs		139-149 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	10	U	0.24	U	0.24	U	0.20	U	0.20	U	0.20	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	10	U	0.37	U	0.37	U	0.20	U	0.20	U	0.20	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	10	U	0.43	U	0.43	U	0.20	U	0.20	U	0.20	U	0.10	U
1,1-Dichloroethane	5	0.10	U	10	U	0.26	U	0.26	U	0.20	U	0.20	U	0.20	U	0.10	U
1,1-Dichloroethene	5	0.10	U	10	U	0.12	U	0.12	U	0.20	U	0.20	J	0.20	U	0.15	J
1,2-Dichloroethane	0.6	0.10	U	10	UJ	0.43	U	0.43	U	0.20	U	0.20	U	0.20	U	0.10	U
1,2-Dichloropropane	1	0.10	U	10	U	1.4	J+	1		1.2	J	1.0	J	1.10	J	1.3	J
2-Butanone (MEK)	50	0.10	U	10	UJ	1.9	U	1.9	U	0.20	U	0.20	U	0.20	U	0.10	U
2-Hexanone	50	0.10	U	10	U	2.9	U	2.9	U	0.20	U	0.20	U	0.20	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	10	U	2.7	U	2.7	U	0.20	U	0.20	U	0.20	U	0.10	U
Acetone	50	0.10	U	10	U	5	U	5	U	2.7	U	0.20	U	0.20	U	0.10	U
Benzene	1	0.10	U	10	U	0.43	U	0.43	U	0.20	U	0.20	U	0.20	U	0.10	U
Bromodichloromethane	50	0.10	U	10	U	0.34	U	0.34	U	0.20	U	0.20	U	0.20	U	0.10	U
Bromoform	50	0.10	U	10	U	0.54	U	0.54	U	0.20	U	0.20	U	0.20	U	0.10	U
Bromomethane	5	0.10	U	10	U	1	U	1	U	0.20	U	0.20	U	0.20	U	0.10	U
Carbon disulfide	60	0.10	U	10	U	0.16	U	0.16	U	0.20	U	0.20	U	0.20	U	0.10	U
Carbon tetrachloride	5	0.10	U	10	U	0.21	U	0.21	U	0.20	U	0.20	U	0.20	U	0.10	U
Chlorobenzene	5	0.10	U	10	U	0.38	U	0.38	U	0.20	U	0.20	U	0.20	U	0.10	U
Chlorobromomethane	5	0.10	U	10	U	0.41	U	0.41	U	0.20	U	0.20	U	0.20	U	0.10	U
Chloroethane	5	0.10	U	10	U	0.32	U	0.32	U	0.20	U	0.20	U	0.20	U	0.10	U
Chloroform	7	0.10	U	10	U	0.33	U	0.33	U	0.20	U	0.20	U	0.20	U	0.10	U
Chloromethane	5	0.10	U	10	U	0.14	U	0.14	U	0.20	U	0.20	U	0.20	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	10	U	6.9	J+	6.3		6.6	J	8.3	J	8.1	J	7.6	J
cis-1,3-Dichloropropene	0.4	0.10	U	10	U	0.46	U	0.46	U	0.20	U	0.20	U	0.20	U	0.10	U
Ethylbenzene	5	0.10	U	10	U	0.3	U	0.3	U	0.20	U	0.20	U	0.20	U	0.10	U
Methylene chloride	5	0.10	U	10	U	0.32	U	0.32	U	0.86	U	0.20	U	1.20	J	0.10	U
Styrene	5	0.10	U	10	U	0.42	U	0.42	U	0.20	U	0.20	U	0.20	U	0.10	U
Tetrachloroethene	5	2.3	J	10	U	200	J+	170		170		190		190		180	
Toluene	5	0.10	U	10	U	0.38	U	0.38	U	0.20	U	0.20	U	0.20	J	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	10	U	0.24	U	0.24	U	0.20	U	0.20	J	0.20	U	0.17	J
trans-1,3-Dichloropropene	0.4	0.10	U	10	U	0.49	U	0.49	U	0.20	U	0.20	U	0.20	U	0.10	U
Trichloroethene	5	0.26	J	10	U	7.9	J+	6.5		6.9	J	7.2	J	6.3	J	6.4	J
Vinyl chloride	2	0.10	U	10	U	0.17	U	0.17	U	0.20	U	0.20	U	0.20	U	0.10	U
m+p Xylene	5	NA		NA		0.3	U	0.3	U	NA		NA		NA		NA	
o-Xylene	5	NA		NA		0.36	U	0.36	U	NA		NA		NA		NA	
Total Xylenes	5	10	U	0.82	U	NA		NA		0.20	U	0.20	U	0.20	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A - Duplicate		FSMW-13A		FSMW-13A		FSMW-13A - Duplicate	
		Jun-17		Mar-17		Dec-16		Sep-16		Sep-16		Jul-16		Apr-16		Apr-16	
		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
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
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	UJ	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
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
1,1-Dichloroethene	5	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.21	J	0.18	J
1,2-Dichloroethane	0.6	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	1.1	J	0.10	U	1.3	J	1.0	J	1.0	J	0.96	J	0.37	J	0.47	J
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Hexanone	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
4-Methyl-2-Pentanone (MIBK)	NC	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	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	U
Benzene	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
Bromodichloromethane	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
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
Bromomethane	5	0.10	UJ	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	U	0.10	UJ	0.10	UJ
Carbon disulfide	60	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	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	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
Chloroethane	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
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
Chloromethane	5	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	6.5	J	6.9	J	5.4	J	6.2	J	6.5	J	5.4	J	7.1	J	7.2	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
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
Methylene chloride	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
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
Tetrachloroethene	5	180		150		150		160		160		180		170	D	180	D
Toluene	5	0.10	U	0.26	J	0.26	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	UJ	0.10	U	0.10	U	0.12	J	0.18	J	0.10	U	0.18	J	0.16	J
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
Trichloroethene	5	6.0	J	5.7	J	5.2	J	6.0	J	6.3	J	6.0	J	8.4	J	8.7	J
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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A	
		Oct-15		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07	
		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	4.2	U	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	3.0	U	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	3.8	U	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	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	5.0	U	2.5	U	2.5	U	2.5	U	0.25	J	0.2	J	0.10	U	0.10	U
1,2-Dichloroethane	0.6	1.7	U	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	3.4	U	1.7	U	1.7	U	1.7	U	0.35	J	0.25	J	0.10	U	0.10	U
2-Butanone (MEK)	50	3.0	U	1.5	U	1.5	U	1.5	U	0.10	U*	0.10	U	0.10	U	0.10	U
2-Hexanone	50	3.6	U	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)	NC	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	3.8	U	1.9	U	6.5	U	1.9	U	0.44	JB*	0.10	U	0.10	U*	0.10	U
Benzene	1	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	3.0	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	10	U	5.0	UJ	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	8.6	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	4.2	U	2.1	U	2.1	U	2.1	U	0.1	U*	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	4.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	5.0	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	3.8	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	4.6	U	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	9.4	J	12		5.3	J	3.1	J	5.7	J	4.3	J	8.2	J	20	
cis-1,3-Dichloropropene	0.4	2.8	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	2.6	U	1.3	U	1.3	U	1.3	U	0.23	JB	0.39	JB	0.10	U	0.10	U
Styrene	5	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	260		350	D	140		19		240		200		95		570	
Toluene	5	3.2	U	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	3.8	U	1.9	U	1.9	U	1.9	U	0.12	J	0.16	J	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	11	J	14		5.8	J	1.9	U	6.5	J	4.7	J	8.2	J	20	
Vinyl chloride	2	4.6	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	1.6	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-13A		FSMW-13B		FSMW-13B		FSMW-13B		FSMW-13B - Duplicate		FSMW-13B		FSMW-13B		FSMW-13B	
		Aug-06		Mar-18		Dec-16		Oct-15		Oct-15		Oct-14		Oct-13		Nov-12	
		69-79 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	40	U	0.50	U	0.50	U	4.2	U	4.2	U	4.2	U	11	U	2.1	U
1,1,2,2-Tetrachloroethane	5	40	U	0.50	U	0.50	UJ	3.0	U	3.0	U	3.0	U	7.5	U	1.5	U
1,1,2-Trichloroethane	1	40	U	0.50	U	0.50	U	3.8	U	3.8	U	3.8	U	9.5	U	1.9	U
1,1-Dichloroethane	5	40	U	0.50	U	0.50	U	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U
1,1-Dichloroethene	5	40	U	0.50	U	0.50	U	5.0	U	5.0	U	5.0	U	13	U	2.5	UJ
1,2-Dichloroethane	0.6	40	U	0.50	U	0.50	U	1.7	U	1.7	U	1.7	U	4.2	U	0.83	U
1,2-Dichloropropane	1	40	U	0.50	U	0.50	U	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U
2-Butanone (MEK)	50	40	U	0.50	U	0.50	UJ	3.0	U	3.0	U	3.0	U	7.5	U	1.5	U
2-Hexanone	50	40	U	0.50	U	0.50	U	3.6	U	3.6	U	3.6	U	9.0	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	40	U	0.50	U	0.50	U	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U
Acetone	50	40	U	6.4	U	0.50	UJ	3.8	U	3.8	U	3.8	U	9.5	U	1.9	U
Benzene	1	40	U	0.50	U	0.50	U	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U
Bromodichloromethane	50	40	U	0.50	U	0.50	U	3.0	U	3.0	U	3.0	U	7.5	U	1.5	U
Bromoform	50	40	U	0.50	U	0.50	U	10	U	10	U	10	UJ	25	U	5.0	UJ
Bromomethane	5	40	UJ	0.50	U	0.50	U	8.6	U	8.6	U	8.6	U	22	U	4.3	UJ
Carbon disulfide	60	40	U	0.50	U	0.50	U	4.2	U	4.2	U	4.2	U	11	U	2.1	U
Carbon tetrachloride	5	40	U	0.50	U	0.50	U	4.0	U	4.0	U	4.0	U	10	U	2.0	U
Chlorobenzene	5	40	U	0.50	U	0.50	U	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U
Chlorobromomethane	5	40	U	0.50	U	0.50	U	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U
Chloroethane	5	40	UJ	0.50	U	0.50	U	5.0	U	5.0	U	5.0	U	13	U	2.5	U
Chloroform	7	40	U	0.50	U	0.50	U	3.8	U	3.8	U	3.8	U	9.5	U	1.9	U
Chloromethane	5	40	U	0.50	U	0.50	UJ	4.6	U	4.6	U	4.6	U	12	U	2.3	U
cis-1,2-Dichloroethene	5	12	J	11	J	7.1	J	3.6	U	3.6	U	5.5	J	17	J	9.4	J
cis-1,3-Dichloropropene	0.4	40	U	0.50	U	0.50	U	2.8	U	2.8	U	2.8	U	7.0	U	1.4	U
Ethylbenzene	5	40	U	0.50	U	0.50	U	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U
Methylene chloride	5	40	U	2.4	U	0.50	U	2.6	U	2.6	U	2.6	U	6.5	U	1.3	U
Styrene	5	40	U	0.50	U	0.50	U	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U
Tetrachloroethene	5	360		450		400		180		200		330		770		620	D
Toluene	5	40	U	0.50	U	0.50	U	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U
trans-1,2-Dichloroethene	5	40	U	0.50	U	0.50	U	3.8	U	3.8	U	3.8	U	9.5	U	1.9	U
trans-1,3-Dichloropropene	0.4	40	U	0.50	U	0.50	U	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U
Trichloroethene	5	13	J	24	J	16	J	12	J	12	J	31		110		60	
Vinyl chloride	2	40	U	0.50	U	0.50	U	4.6	U	4.6	U	4.6	U	12	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	1.6	U	0.50	U	0.50	U	1.6	U	1.6	U	4.1	U	0.82	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-13B		FSMW-13B - Duplicate		FSMW-13B		FSMW-13B - Duplicate		FSMW-13B		FSMW-13B - Duplicate		FSMW-13B		FSMW-13B	
		Sep-10		Sep-10		Sep-09		Sep-09		Sep-08		Sep-08		Aug-07		Aug-06	
		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
		Analyte															
1,1,1-Trichloroethane	5	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	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	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	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	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	0.6	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	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	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	50	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)	NC	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	1.2	J	0.93	JB*	15	J	18	J	0.10	U*	0.10	U*	0.10	U	200	U
Benzene	1	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Bromodichloromethane	50	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	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	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	UJ
Carbon disulfide	60	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	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	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.45	J	200	U
Chlorobromomethane	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Chloroethane	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	UJ
Chloroform	7	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Chloromethane	5	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	1.7	J	2.0	J	21	J	22	J	19		20		23		23	J
cis-1,3-Dichloropropene	0.4	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	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	0.25	JB	0.30	JB	49	JB	48	JB	0.20	JB	0.10	U	0.10	U	200	U
Styrene	5	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	450	B	460		3,700		3,700		1,900		2,000		2,700		2,900	
Toluene	5	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	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	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	8.8	J	9.0	J	71	J	72	J	50		57		65		69	J
Vinyl chloride	2	0.10	U*	0.10	U*	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U	1.6	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C - Duplicate		FSMW-13C		FSMW-13C	
		Mar-18		Dec-16		Oct-15		Sep-14		Oct-13		Oct-13		Nov-12		Sep-10	
		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	1.2	J	0.88	J	4.2	U	4.2	U	4.2	U	2.1	U	2.1	U	1.1	J
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	UJ	3.0	U	3.0	U	3.0	U	1.5	U	1.5	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	UJ	3.8	U	3.8	U	3.8	U	1.9	U	1.9	U	0.20	J
1,1-Dichloroethane	5	0.96	J	0.69	J	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	1.3	J
1,1-Dichloroethene	5	6.7	J	4.3	J	5.0	U	5.0	U	5.0	UJ	2.6	J	2.5	U	4.4	J
1,2-Dichloroethane	0.6	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	0.83	U	0.83	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	UJ	3.0	U	3.0	U	3.0	U	1.5	U	1.5	U	0.10	U*
2-Hexanone	50	0.10	U	0.10	U	3.6	U	3.6	U	3.6	U	1.8	U	1.8	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U
Acetone	50	0.10	U	0.10	UJ	3.8	U	3.8	U	3.8	U	21	U	1.9	U	0.96	JB*
Benzene	1	0.10	U	0.10	U	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	3.0	U	3.0	U	3.0	U	1.5	U	1.5	U	0.10	U
Bromoform	50	0.10	U	0.10	U	10	U	10	UJ	10	U	5.0	U	5.0	UJ	0.10	U
Bromomethane	5	0.10	U	0.10	U	8.6	U	8.6	U	8.6	U	4.3	U	4.3	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	4.2	U	4.2	U	4.2	U	2.1	U	2.1	U	0.10	U*
Carbon tetrachloride	5	3.4	J	3.8	J	8.5	J	7.6	J	6.0	J	6.9	J	2.0	U	20	
Chlorobenzene	5	0.10	U	0.10	U	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	5.0	U	5.0	U	5.0	U	2.5	U	2.5	U	0.10	U
Chloroform	7	3.8	J	2.8	J	4.7	J	5.2	J	3.8	U	3.5	J	1.9	U	2.1	J
Chloromethane	5	0.10	U	0.10	UJ	4.6	U	4.6	U	4.6	U	2.3	U	2.3	U	0.10	U*
cis-1,2-Dichloroethene	5	39		34		56		61		79		78		1.8	U	53	
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	2.8	U	2.8	U	2.8	U	1.4	U	1.4	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U
Methylene chloride	5	0.10	U	0.10	U	2.6	U	2.6	U	2.6	U	1.3	U	1.3	U	0.23	JB
Styrene	5	0.10	U	0.10	U	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U
Tetrachloroethene	5	40		39		58		63		64		70		640	J	100	B
Toluene	5	0.10	J	0.17	J	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.11	J
trans-1,2-Dichloroethene	5	0.43	J	0.33	J	3.8	U	3.8	U	3.8	U	1.9	U	1.9	U	0.55	J
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U
Trichloroethene	5	200		180		300		340		390		410	D	13		560	
Vinyl chloride	2	0.10	U	0.10	U	4.6	U	4.6	U	4.6	U	2.3	U	2.3	U	0.10	U*
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	1.6	U	1.6	U	0.82	U	0.82	U	0.10	U	0.5	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-14A		FSMW-14A		FSMW-14A		FSMW-14A	
		Sep-09		Sep-08		Aug-07		Aug-06		Jun-18		Mar-18		Dec-17		Sep-17	
		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	1.2	J	1.4	J	1.8	J	40	U	1.2	U	2.0	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.10	U	0.10	U	40	U	1.8	U	2.0	U	2.5	U	2.5	U
1,1,2-Trichloroethane	1	0.5	U	0.10	U	0.10	U	40	U	2.2	U	2.0	U	2.5	U	2.5	U
1,1-Dichloroethane	5	1.1	J	0.88	J	0.72	J	40	U	1.3	U	2.0	U	2.5	U	2.5	U
1,1-Dichloroethene	5	4.5	J	0.10	U	5.3	J	40	U	0.59	U	2.0	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.10	U	0.10	U	40	U	2.2	U	2.0	U	2.5	U	2.5	U
1,2-Dichloropropane	1	0.5	U	0.10	U	0.10	U	40	U	1.8	U	2.0	U	2.5	U	2.5	U
2-Butanone (MEK)	50	0.5	U	0.10	U	0.10	U	40	U	9.3	U	2.0	U	2.5	U	2.5	U
2-Hexanone	50	0.5	U	0.10	U	0.10	U	40	U	15	U	2.0	U	2.5	U	2.5	U
4-Methyl-2-Pentanone (MIBK)	NC	0.5	U	0.10	U	0.10	U	40	U	14	U	2.0	U	2.5	U	2.5	U
Acetone	50	3.8	J	0.10	U*	0.10	U	40	U	25	U	2.0	U	2.5	U	2.5	U
Benzene	1	0.5	U	0.10	U	0.10	U	40	U	2.1	U	2.0	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.10	U	0.10	U	40	U	1.7	U	2.0	U	2.5	U	2.5	U
Bromoform	50	0.5	U	0.10	U	0.10	U	40	U	2.7	U	2.0	U	2.5	U	2.5	U
Bromomethane	5	0.5	U	0.10	U	0.10	U	40	UJ	5	U	2.0	U	2.5	U	2.5	U
Carbon disulfide	60	0.5	U	0.10	U	0.10	U	40	U	0.78	U	2.0	U	2.5	U	2.5	U
Carbon tetrachloride	5	16	J	28		36		42		1	U	2.0	U	2.5	U	2.5	U
Chlorobenzene	5	0.5	U	0.10	U	0.10	U	40	U	1.9	U	2.0	U	2.5	U	2.5	U
Chlorobromomethane	5	0.5	U	0.10	U	0.10	U	40	U	2.1	U	2.0	U	2.5	U	2.5	U
Chloroethane	5	0.5	U	0.10	U	0.10	U	40	UJ	1.6	U	2.0	U	2.5	U	2.5	U
Chloroform	7	2.1	J	1.60	J	1.7	J	1	J	1.6	U	2.0	U	2.5	U	2.5	U
Chloromethane	5	0.5	U	0.10	U	0.10	U	40	U	0.72	U	2.0	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	39	J	28		20		15	J	14		35	J	23	J	39	J
cis-1,3-Dichloropropene	0.4	0.5	U	0.10	U	0.10	U	40	U	2.3	U	2.0	U	2.5	U	2.5	U
Ethylbenzene	5	0.5	U	0.10	U	0.10	U	40	U	1.5	U	2.0	U	2.5	U	2.5	U
Methylene chloride	5	8.4	JB	0.42	JB	0.10	U	40	U	1.6	U	2.0	U	2.5	U	2.5	U
Styrene	5	0.5	U	0.10	U	0.10	U	40	U	2.1	U	2.0	U	2.5	U	2.5	U
Tetrachloroethene	5	96		67		88		89		1,600		3,100		2,300		2,900	
Toluene	5	0.5	U	0.10	U	0.10	U	40	U	1.9	U	2.0	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	0.93	J	2.0	J	0.10	U	40	U	1.2	U	2.0	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.10	U	0.10	U	40	U	2.4	U	2.0	U	2.5	U	2.5	U
Trichloroethene	5	510		410		530		500		45		100	J	57	J	89	J
Vinyl chloride	2	0.5	U	0.10	U	0.10	U	40	U	0.86	U	2.0	U	2.5	U	2.5	U
m+p Xylene	5	NA		NA		NA		NA		1.5	U	NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		1.8	U	NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	40	U	82	U	NA		2.0	U	2.5	U	2.5	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A	
		Jun-17		Jun-17		Mar-17		Mar-17		Dec-16		Dec-16		Sep-16		Jun-16	
		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.5	U	2.5	U	0.23	J	0.15	J	2.0	U	2.0	U	2.0	U	2.0	U
1,1,2,2-Tetrachloroethane	5	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ	2.0	UJ	2.0	U	2.0	U
1,1,2-Trichloroethane	1	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
1,1-Dichloroethane	5	2.5	U	2.5	U	0.56	J	0.67	J	2.0	U	2.0	U	2.0	U	2.0	U
1,1-Dichloroethene	5	2.5	UJ	2.5	UJ	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
1,2-Dichloroethane	0.6	2.5	U	2.5	U	0.10	UJ	0.10	UJ	2.0	U	2.0	U	2.0	U	2.0	U
1,2-Dichloropropane	1	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ	2.0	U	2.0	U	2.0	U
2-Butanone (MEK)	50	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ	2.0	UJ	2.0	U	2.0	U
2-Hexanone	50	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
4-Methyl-2-Pentanone (MIBK)	NC	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ	2.0	U	2.0	U	2.0	U
Acetone	50	2.5	UJ	2.5	UJ	0.10	UJ	0.10	UJ	2.0	U	2.0	UJ	2.0	UJ	2.0	UJ
Benzene	1	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Bromodichloromethane	50	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Bromoform	50	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Bromomethane	5	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	UJ	2.0	U
Carbon disulfide	60	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Carbon tetrachloride	5	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	2.5	U	2.5	U	0.37	J	0.34	J	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobromomethane	5	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Chloroethane	5	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Chloroform	7	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Chloromethane	5	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	UJ	2.0	U	2.0	U
cis-1,2-Dichloroethene	5	50	J	45	J	21		21		8.9	J	7.2	J	13	J	18	J
cis-1,3-Dichloropropene	0.4	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Ethylbenzene	5	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Methylene chloride	5	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Styrene	5	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Tetrachloroethene	5	3,600		3,600		1,700	D	1,800	D	1,600		1,400		2,000		2,100	
Toluene	5	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	0.27	J	0.28	J	2.0	U	2.0	U	2.0	U	2.0	U
trans-1,3-Dichloropropene	0.4	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Trichloroethene	5	100	J	100	J	86		83	J	36	J	32	J	50	J	62	J
Vinyl chloride	2	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	2.5	UJ	2.5	UJ	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-14A - Duplicate		FSMW-14A		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A	
		Jun-16		Apr-16		Sep-15		Sep-15		Oct-14		Oct-13		Oct-13		Nov-12	
		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.0	U	2.0	U	42	U	42	U	210	U	2.1	U	84	U	2.1	U
1,1,2,2-Tetrachloroethane	5	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U	60	U	1.5	U
1,1,2-Trichloroethane	1	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U	76	U	1.9	U
1,1-Dichloroethane	5	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U
1,1-Dichloroethene	5	2.0	U	2.0	U	50	U	50	U	250	U	2.5	U	100	U	2.5	U
1,2-Dichloroethane	0.6	2.0	U	2.0	U	17	U	17	U	83	U	0.83	U	33	U	0.83	U
1,2-Dichloropropane	1	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U
2-Butanone (MEK)	50	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U	60	U	1.5	UJ
2-Hexanone	50	2.0	U	2.0	U	36	U	36	U	180	U	1.8	U	72	U	1.8	UJ
4-Methyl-2-Pentanone (MIBK)	NC	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U
Acetone	50	2.0	UJ	2.0	U	38	U	38	U	190	U	1.9	U	76	U	1.9	UJ
Benzene	1	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U
Bromodichloromethane	50	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U	60	U	1.5	U
Bromoform	50	2.0	U	2.0	U	100	U	100	U	500	UJ	5.0	U	200	U	5.0	UJ
Bromomethane	5	2.0	U	2.0	U	86	U	86	U	430	U	4.3	U	170	U	4.3	U
Carbon disulfide	60	2.0	U	2.0	U	42	U	42	U	210	U	2.1	U	84	U	2.1	U
Carbon tetrachloride	5	2.0	U	2.0	U	40	U	40	U	200	U	2.0	U	80	U	2.0	U
Chlorobenzene	5	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U
Chlorobromomethane	5	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U
Chloroethane	5	2.0	U	2.0	U	50	U	50	U	250	U	2.5	U	100	U	2.5	U
Chloroform	7	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U	76	U	1.9	U
Chloromethane	5	2.0	U	2.0	U	46	U	46	U	230	U	2.3	U	92	U	2.3	U
cis-1,2-Dichloroethene	5	17	J	7.5	J	36	U	36	U	180	U	61		72	R	190	
cis-1,3-Dichloropropene	0.4	2.0	U	2.0	U	28	U	28	U	140	U	1.4	U	56	U	1.4	U
Ethylbenzene	5	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U
Methylene chloride	5	2.0	U	2.0	U	26	U	26	U	130	U	1.3	U	52	U	1.3	U
Styrene	5	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U
Tetrachloroethene	5	2,100		2,000		2,700		3,300		10,000		12,000	D	11,000	D	37,000	D
Toluene	5	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U
trans-1,2-Dichloroethene	5	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U	76	U	1.9	U
trans-1,3-Dichloropropene	0.4	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U
Trichloroethene	5	57	J	44	J	80	J	100	J	340	J	340	J	340	J	1,400	J
Vinyl chloride	2	2.0	U	2.0	U	46	U	46	U	230	U	2.3	U	92	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	2.0	U	2.0	U	16	U	16	U	0.82	U	33	U	0.82	U	3.3	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-14A - Duplicate		FSMW-14A		FSMW-14A		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A		FSMW-14B	
		Nov-12		Sep-10		Sep-09		Sep-08		Sep-08		Aug-07		Aug-06		Jun-18	
		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		159-169 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	8.4	U	4.0	U	50	U	5.0	U	5.0	U	12		2,000	U	1.2	U
1,1,2,2-Tetrachloroethane	5	6	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	1.8	U
1,1,2-Trichloroethane	1	7.6	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.2	U
1,1-Dichloroethane	5	6.8	U	4.0	U	1.8	J	5.0	U	5.0	U	1.2	J	2,000	U	1.3	U
1,1-Dichloroethene	5	10	U	6.9	J	3.2	J	5.0	U	5.0	U	7.0	J	2,000	U	0.59	U
1,2-Dichloroethane	0.6	3.3	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.2	U
1,2-Dichloropropane	1	6.8	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	1.8	U
2-Butanone (MEK)	50	6	UJ	4.0	U*	50	U	5.0	U	5.0	U	0.10	U	2,000	U	9.3	U
2-Hexanone	50	7.2	UJ	4.0	U*	50	U	5.0	U	5.0	U	0.10	U	2,000	U	15	U
4-Methyl-2-Pentanone (MIBK)	NC	6.8	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	14	U
Acetone	50	7.6	UJ	7.6	JB*	280	JB	5.0	U*	5.0	U*	0.10	U	2,000	U	25	U
Benzene	1	6.4	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.1	U
Bromodichloromethane	50	6	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	1.7	U
Bromoform	50	20	UJ	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.7	U
Bromomethane	5	17	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	UJ	5	U
Carbon disulfide	60	8.4	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	0.78	U
Carbon tetrachloride	5	8.0	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	1	U
Chlorobenzene	5	6.4	U	4.0	U	50	U	5.0	U	5.0	U	8.3	J	2,000	U	1.9	U
Chlorobromomethane	5	6.8	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.1	U
Chloroethane	5	10	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	UJ	1.6	U
Chloroform	7	7.6	U	4.0	U	50	U	66	J	67	J	0.10	U	2,000	U	1.6	U
Chloromethane	5	9.2	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	0.72	U
cis-1,2-Dichloroethene	5	190		330	J	440	J	570		590		700	J	460	J	2.1	J
cis-1,3-Dichloropropene	0.4	5.6	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.3	U
Ethylbenzene	5	6.4	U	4.0	U	50	U	5.0	U	5.0	U	0.30	J	2,000	U	1.5	U
Methylene chloride	5	5.2	U	41	JB	1,000	JB	64	JB	56	JB	0.10	U	2,000	U	1.6	U
Styrene	5	6.8	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.1	U
Tetrachloroethene	5	34,000	D	48,000		59,000		58,000		61,000		75,000		32,000		1,600	
Toluene	5	6.4	U	4.0	U	50	U	5.0	U	5.0	U	2.9	J	2,000	U	1.9	U
trans-1,2-Dichloroethene	5	7.6	U	4.4	J	50	U	5.0	U	5.0	U	5.9	J	2,000	U	1.2	U
trans-1,3-Dichloropropene	0.4	6.4	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.4	U
Trichloroethene	5	1,400	J	1,500		1,800	J	2,200		2,100		2,300	J	1,200	J	33	
Vinyl chloride	2	9.2	U	4.0	U	50	U	5.0	U	5.0	U	0.94	J	2,000	U	0.86	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		1.5	U
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		1.8	U
Total Xylenes	5	4.0	U	50	U	5.0	U	5.0	U	1.6	J	2,000	U	16	U	NA	

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-14B		FSMW-14B - Duplicate		FSMW-14B		FSMW-14B		FSMW-14B - Duplicate		FSMW-14B		FSMW-14B		FSMW-14B	
		Mar-18		Mar-18		Dec-17		Sep-17		Sep-17		Jun-17		Mar-17		Dec-16	
		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	UJ
1,1,2-Trichloroethane	1	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
1,1-Dichloroethane	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
1,1-Dichloroethene	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	UJ	1.0	U	1.0	U
1,2-Dichloroethane	0.6	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
1,2-Dichloropropane	1	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	UJ
2-Butanone (MEK)	50	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	UJ
2-Hexanone	50	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
4-Methyl-2-Pentanone (MIBK)	NC	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Acetone	50	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	UJ	1.0	UJ	1.0	UJ
Benzene	1	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Bromodichloromethane	50	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Bromoform	50	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Bromomethane	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Carbon disulfide	60	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Carbon tetrachloride	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Chlorobenzene	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Chlorobromomethane	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Chloroethane	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Chloroform	7	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Chloromethane	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	UJ
cis-1,2-Dichloroethene	5	2.0	U	2.5	U	4	J	4.0	J	4.2	U	2.5	UJ	2.5	J	1.0	U
cis-1,3-Dichloropropene	0.4	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Ethylbenzene	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Methylene chloride	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Styrene	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Tetrachloroethene	5	2,100		2,400		2,300		2,000		1,900		1,600		1,500		1,500	
Toluene	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	0.4	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
Trichloroethene	5	53	J	53	J	44	J	36	J	37	J	29	J	28	J	24	J
Vinyl chloride	2	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	1.0	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	UJ	1.0	U	1.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B - Duplicate		FSMW-14B		FSMW-14B		FSMW-14B - Duplicate		FSMW-14B	
		Sep-16		Jun-16		Apr-16		Apr-16		Sep-15		Oct-14		Oct-14		Oct-13	
		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	1.0	U	2.0	U	2.0	U	2.0	U	42	U	42	U	42	U	42	U
1,1,2,2-Tetrachloroethane	5	1.0	U	2.0	U	2.0	U	2.0	U	30	U	30	U	30	U	30	U
1,1,2-Trichloroethane	1	1.0	U	2.0	U	2.0	U	2.0	U	38	U	38	U	38	U	38	U
1,1-Dichloroethane	5	1.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	34	U	34	U
1,1-Dichloroethene	5	1.0	U	2.0	U	2.0	U	2.0	U	50	U	50	U	50	U	50	U
1,2-Dichloroethane	0.6	1.0	U	2.0	U	2.0	U	2.0	U	17	U	17	U	17	U	17	U
1,2-Dichloropropane	1	1.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	34	U	34	U
2-Butanone (MEK)	50	1.0	U	2.0	U	2.0	U	2.0	U	30	U	30	U	30	U	30	U
2-Hexanone	50	1.0	U	2.0	U	2.0	U	2.0	U	36	U	36	U	36	U	36	U
4-Methyl-2-Pentanone (MIBK)	NC	1.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	34	U	34	U
Acetone	50	1.0	UJ	2.0	UJ	2.0	U	2.0	U	38	U	38	U	38	U	38	U
Benzene	1	1.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	32	U	32	U
Bromodichloromethane	50	1.0	U	2.0	U	2.0	U	2.0	U	30	U	30	U	30	U	30	U
Bromoform	50	1.0	U	2.0	U	2.0	U	2.0	U	100	U	100	UJ	100	UJ	100	U
Bromomethane	5	1.0	UJ	2.0	U	2.0	U	2.0	U	86	U	86	U	86	U	86	U
Carbon disulfide	60	1.0	U	2.0	U	2.0	U	2.0	U	42	U	42	U	42	U	42	U
Carbon tetrachloride	5	1.0	U	2.0	U	2.0	U	2.0	U	40	U	40	U	40	U	40	U
Chlorobenzene	5	1.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	32	U	32	U
Chlorobromomethane	5	1.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	34	U	34	U
Chloroethane	5	1.0	U	2.0	U	2.0	U	2.0	U	50	U	50	U	50	U	50	U
Chloroform	7	1.0	U	2.0	U	2.0	U	2.0	U	38	U	38	U	38	U	38	U
Chloromethane	5	1.0	U	2.0	U	2.0	U	2.0	U	46	U	46	U	46	U	46	U
cis-1,2-Dichloroethene	5	1.0	U	2.0	U	2.0	U	2.0	U	36	U	36	U	36	U	36	U
cis-1,3-Dichloropropene	0.4	1.0	U	2.0	U	2.0	U	2.0	U	28	U	28	U	28	U	28	U
Ethylbenzene	5	1.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	32	U	32	U
Methylene chloride	5	1.0	U	2.0	U	2.0	U	2.0	U	26	U	26	U	26	U	26	U
Styrene	5	1.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	34	U	34	U
Tetrachloroethene	5	1,600		2,000		1,600		1,800		2,600		3,300		3,300		2,600	
Toluene	5	1.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	32	U	32	U
trans-1,2-Dichloroethene	5	1.0	U	2.0	U	2.0	U	2.0	U	38	U	38	U	38	U	38	U
trans-1,3-Dichloropropene	0.4	1.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	32	U	32	U
Trichloroethene	5	25	J	23	J	20	J	26	J	38	U	38	U	38	U	38	U
Vinyl chloride	2	1.0	U	2.0	U	2.0	U	2.0	U	46	U	46	U	46	U	46	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	1.0	U	2.0	U	2.0	U	2.0	U	16	U	16	U	16	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-14B		FSMW-14B		FSMW-14B - Duplicate		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14C	
		Nov-12		Sep-10		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06		Mar-18			
		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		239-249 feet bgs			
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)			
Analyte																			
1,1,1-Trichloroethane	5	6.3	J	24	J	24	J	36	J	48	J	75		400	U	0.10	U		
1,1,2,2-Tetrachloroethane	5	1.5	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
1,1,2-Trichloroethane	1	1.9	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
1,1-Dichloroethane	5	1.7	U	2.0	J	2.0	J	5	U	1.0	U	11		400	U	0.97	J		
1,1-Dichloroethene	5	2.5	U	3.9	J	5.1	J	19	J	13	J	36		400	U	4.1	J		
1,2-Dichloroethane	0.6	0.83	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
1,2-Dichloropropane	1	1.7	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
2-Butanone (MEK)	50	1.5	U	0.40	U*	0.40	U*	5	U	1.0	U	0.10	U	400	U	0.10	U		
2-Hexanone	50	1.8	U	0.40	U*	0.40	U*	5	U	1.0	U	0.10	U	400	U	0.10	U		
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
Acetone	50	1.9	U	1.2	JB*	1.2	JB*	23	JB	1.0	U	0.10	U	400	U	0.10	U		
Benzene	1	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
Bromodichloromethane	50	1.5	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
Bromoform	50	5.0	UJ	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
Bromomethane	5	4.3	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	UJ	0.10	U		
Carbon disulfide	60	2.1	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
Carbon tetrachloride	5	2	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	5.2	J		
Chlorobenzene	5	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.84	J	400	U	0.10	U		
Chlorobromomethane	5	1.7	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
Chloroethane	5	2.5	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	UJ	0.10	U		
Chloroform	7	1.9	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	3.3	J		
Chloromethane	5	2.3	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
cis-1,2-Dichloroethene	5	11		11	J	11	J	12	J	22		28		400	U	21			
cis-1,3-Dichloropropene	0.4	1.4	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
Ethylbenzene	5	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
Methylene chloride	5	1.3	U	4.7	JB	3.6	JB	96	JB	13	JB	0.10	U	400	U	0.10	U		
Styrene	5	1.7	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
Tetrachloroethene	5	5,500	D	4,500		4,600		5,200		13,000		13,000		3,600		25			
Toluene	5	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
trans-1,2-Dichloroethene	5	1.9	U	0.66	J	0.40	U	5	U	1.0	U	0.10	U	400	U	0.64	J		
trans-1,3-Dichloropropene	0.4	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
Trichloroethene	5	93		17	J	17	J	19	J	140		91		400	U	130			
Vinyl chloride	2	2.3	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.10	U		
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA			
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA			
Total Xylenes	5	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.82	U	0.10	U		

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C - Duplicate	
		Dec-16		Sep-15		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-09	
		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	0.91	J	0.86	J	0.85	J
1,1,2,2-Tetrachloroethane	5	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	2.0	J	1.8	J	1.8	J
1,1-Dichloroethene	5	1.0	J	2.5	U	2.5	U	2.5	U	2.5	J	3.8	J	3.2	J	3.2	J
1,2-Dichloroethane	0.6	0.10	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U*	0.10	U	0.10	U
2-Hexanone	50	0.10	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.10	UJ	1.9	U	1.9	U	1.9	U	1.9	U	1.2	JB*	0.10	U	0.10	U
Benzene	1	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	5.0	U	5.0	UJ	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	4.3	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U*	0.10	U	0.10	U
Carbon tetrachloride	5	3.2	J	9.0	J	8.1	J	7.6	J	12		18		16		16	J
Chlorobenzene	5	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U
Chloroform	7	1.6	J	3.6	J	2.5	J	1.9	U	1.9	U	1.4	J	1.1	J	1	J
Chloromethane	5	0.10	UJ	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	6.4	J	33		20		18		16		9.9	J	5.6	J	5.5	J
cis-1,3-Dichloropropene	0.4	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U	0.30	JB	0.4	JB	0.39	JB
Styrene	5	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	8.5	J	34		25		20		29		25	B	21		23	
Toluene	5	0.35	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.11	J	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.15	J	0.13	J	0.14	J
trans-1,3-Dichloropropene	0.4	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	44		190		140		120		130		130		90		90	
Vinyl chloride	2	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-14C		FSMW-14C		FSMW-14C	
		Sep-08		Aug-07		Aug-06	
		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs	
		(µg/L)		(µg/L)		(µg/L)	
Analyte							
1,1,1-Trichloroethane	5	1.3	J	1.9	J	3	J
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	10	U
1,1-Dichloroethane	5	2.4	J	3.1	J	5	J
1,1-Dichloroethene	5	4.0	J	5.5	J	8	J
1,2-Dichloroethane	0.6	0.10	U	0.10	U	10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	0.10	UJ	0.10	U	10	U
2-Hexanone	50	0.10	U	0.10	U	10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	10	U
Acetone	50	0.10	UJ	0.10	UJ	10	U
Benzene	1	0.10	U	0.10	U	10	U
Bromodichloromethane	50	0.10	U	0.10	U	10	U
Bromoform	50	0.10	U	0.10	U	10	U
Bromomethane	5	0.10	U	0.10	U	10	U
Carbon disulfide	60	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	26		33		45	
Chlorobenzene	5	0.10	U	0.10	U	10	U
Chlorobromomethane	5	0.10	U	0.10	U	10	U
Chloroethane	5	0.10	U	0.10	U	10	U
Chloroform	7	1.1	J	1.3	J	1	J
Chloromethane	5	0.10	U	0.10	U	10	U
cis-1,2-Dichloroethene	5	7.1	J	6.2	J	6	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	10	U
Ethylbenzene	5	0.10	U	0.10	U	10	U
Methylene chloride	5	0.10	U	0.10	U	10	U
Styrene	5	0.10	U	0.10	U	10	U
Tetrachloroethene	5	28		37		36	
Toluene	5	0.10	U	0.10	U	10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	10	U
Trichloroethene	5	140		160		140	
Vinyl chloride	2	0.10	U	0.10	U	10	U
m+p Xylene	5	NA		NA		NA	
o-Xylene	5	NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	10	U

Notes:

µg/L micrograms per liter

bgs below ground surface

U Undetected — The analyte was undetected above the MDL or was qualified as undetected during blank examination; the associated value presented is the MDL.

UJ Undetected and Estimated — The parameter was analyzed but undetected and was estimated because at least one QC parameter was outside control limits.

J Estimated

J+ Estimated and Biased High — Bias in sample result is likely to be high due to quality control outlier.

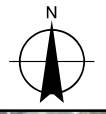
R Rejected — The data are unusable. The same results are rejected due to serious deficiencies in meeting quality control criteria.

D Laboratory qualifier — Indicates results are based on a dilution. (Qualifier used for results prior to Q2 2018)

B Laboratory qualifier — Indicates results are a function of laboratory contamination. (Qualifier used for results prior to Q2 2018)

E Laboratory qualifier — Estimated result, indicates analyte exceeded instrument calibration range. (Qualifier used for results prior to Q2 2018)

Figures



NOTES:
GPM - GALLONS PER MINUTE
BGS - BELOW GROUND SURFACE
COORDINATE SYSTEM: NAD 1983
STATE PLANE NEW YORK LONG ISLAND FEET

FIGURE 1
MONITORING AND EXTRACTION WELLS
FROST STREET SITES
WESTBURY, NEW YORK

LEGEND

- ◆ ACTIVE MONITORING WELL - ANNUALLY (5TH QUARTER)
- ◆ ACTIVE MONITORING WELL - QUARTERLY
- ◆ EXTRACTION WELLS
- ◆ IDLE MONITORING WELL

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET

0 100 200

SCALE IN FEET

REQUESTED BY: AS
DRAWN BY: MS
DATE: 8/29/2018
PROJECT: 0888820265

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FIGURE 3
POTENTIOMETRIC SURFACE MAP
GROUP A WELLS (58-74 FEET BGS)
SECOND QUARTER 2018
FROST STREET SITES
WESTBURY, NEW YORK

LEGEND

- MONITORING WELL (GROUP A)
- MONITORING WELL (NOT USED FOR CONTOURING)
- GROUP A POTENTIOMETRIC CONTOUR (DASHED WHERE INFERRED)

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET
0 100 200
SCALE IN FEET

REQUESTED BY: AS
DRAWN BY: MS
DATE: 9/18/2018
PROJECT: 0888820265

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Source: Google Earth Pro Imagery - 10/01/2017



FIGURE 4
POTENTIOMETRIC SURFACE MAP
GROUP B WELLS (114-149 FEET BGS)
SECOND QUARTER 2018
FROST STREET SITES
WESTBURY, NEW YORK

LEGEND



MONITORING WELL (GROUP B)



MONITORING WELL
(NOT USED FOR CONTOURING)

GROUP B POTENTIOMETRIC CONTOUR
(DASHED WHERE INFERRED)

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET

0 100 200

SCALE IN FEET

REQUESTED BY: AS

DRAWN BY: MS

DATE: 9/18/2018

PROJECT: 0888820265

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Source: Google Earth Pro Imagery - 10/01/2017

Appendix



1.0 INTRODUCTION

This data usability summary report presents the results for groundwater samples collected during the Frost Street Operable Unit 2 remedial action groundwater extraction/hydraulic containment sampling activities at the Frost Street Sites in Westbury, New York. Samples were collected in accordance with the *Quality Assurance Project Plan* (QAPP) included in the *Final Engineering Report and Operation, Maintenance and Monitoring Plan for Soil Vapor Extraction/Air Sparging Remedial System and Soil Remediation Measures* (Walden June 2006).

Data were evaluated independently from the laboratory to assess data quality. Samples discussed in this report were collected between June 26 and 28, 2018. Samples were submitted to TestAmerica Laboratories Inc. in Edison, New Jersey (New York State Department of Health, Environmental Laboratory Approval Program certificate #11452). Tina Clemmey, EnSafe Inc. chemist, reviewed the data package discussed in this report.

The quality assurance criteria used to assess all data were established by the analytical methods, consistent with the measurement performance criteria provided in the QAPP. Data validation activities were conducted using the QAPP measurement performance criteria and

- *National Functional Guidelines for Organic Superfund Methods Data Review*. (United States Environmental Protection [U.S. EPA] January 2017).
- *Hazardous Waste Support Section, SOP NO. HW-24 Revision 4, Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Method 8260B and 8260C*. (U.S. EPA Region 2 September 2014).

Groundwater samples were analyzed for volatile organic compounds by gas chromatography/mass spectrometry via SW-846 Method 8260C and reported in sample delivery group 460-159568. U.S. EPA Stage 4 electronic and manual data validation, consisting of sample results, quality control (QC) summary information, and raw data was performed. A minimum of 10% of the raw data were reviewed during the validation process and no anomalies were observed. When the QC parameters did not fall within the specific method or data review guidelines, the data reviewer annotated or “flagged” the corresponding compounds. Table A-1 in Attachment A provides analytical parameters for each sample and cross-references between laboratory and field sample identifications.

2.0 REVIEW ELEMENTS

Volatile organic compounds were reviewed for the following QC elements:

* Data completeness	* Internal standards
* Sample receipt and preservation	Organic surrogates
* Holding times	Laboratory control samples (LCS)
* Instrument tuning	* Laboratory blank contamination
* Initial calibration	* Field blank contamination (trip and equipment blanks)
* Initial calibration verification	Matrix spike/matrix spike duplicate (MS/MSD)
Continuing calibration verification	* Field duplicate precision

Acceptable data parameters for which all criteria were met or no qualification was performed, as indicated above with an asterisk (*), are not discussed further.

The following flags were used by the laboratory to annotate results:

Laboratory Qualifiers

J = Estimated — Result is less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value.

U = Undetected — The analyte was undetected above the MDL.

When the QC parameters did not fall within the specific method or data review guidelines, the data reviewer annotated or “flagged” the corresponding compounds. Flags that may be used during data review are as follows:

Data Review Qualifiers

U = Undetected — The analyte was undetected above the MDL or was qualified as undetected during blank examination; the associated value presented is the MDL.

J = Estimated Value — One or more QC parameters were outside control limits or the concentration of the analyte was above the MDL, but less than the RL.

UJ = Undetected and Estimated — The parameter was analyzed but undetected and was estimated because at least one QC parameter was outside control limits.

J+ = Estimated and Biased High — Bias in sample result is likely to be high due to quality control outlier.

J- = Estimated and Biased Low — Bias in sample result is likely to be low due to quality control outlier.

R =

N = Presumptive Evidence — The analysis indicates the presence of an analyte that has been “tentatively identified.”

NJ = Presumptive Evidence, Estimated — The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate quantity.

3.0 DATA EVALUATION

3.1 Calibration

Continuing calibration verification (CCV) standards are used to verify that the instrument response is reliable and has not changed significantly from the initial calibration curve. If the organic percent difference (%D) is close to the known concentrations, the reported analyte concentrations are assumed to be accurate. VOC compound 1,1,2,2-Tetrachloroethane had CCV %Ds above the acceptable limit of 20% when the response was compared to the initial calibration. CCV outliers and qualified results are summarized in Table 3-1.

Table 3-1 Continuing Calibration Verification Outliers						
Calibration ID	Analyte	Instrument ID	% D	% D Limit	Flags	Associated Samples
CCVIS 460-535140/2	1,1,2,2-Tetrachloroethane	CVOAMS2	-20.3	20	UJ	FSMW-1A 06282018
CCVIS 460-535008/2	1,1,2,2-Tetrachloroethane	CVOAMS2	-27.2	20	UJ	EQUIPMENT 06262018 FSMW-2A 06272018

Notes:

ID = Identification
%D = Percent difference
UJ = Undetected result was qualified as estimated

3.2 Organic Surrogates Recoveries

Surrogates provide information needed to assess the accuracy of analyses. Known amounts of surrogate compounds, or compounds which are not likely to be found in the actual samples, are added to each organic sample to check for accuracy. If surrogate percent recoveries (%Rs) are close to the known concentrations, the reported target compound concentrations are assumed to be accurate. The surrogate 4-bromofluorobenzene in FSMW-13A 06272018 had a %R of 126%, which was above the upper acceptance limit of 124%. All detected VOCs in FSMW-13A 06272018 were qualified as estimated "J+" and may be biased high.

3.3 Laboratory Control Sample

The LCS %R results are used to monitor the overall performance of each step during analysis, including sample preparation. The laboratory analyzed LCSs in duplicate (LCSD) when MS/MSDs were not reported in individual batches. In these instances, the laboratory determined precision between the duplicated values. Table 3-2 shows LCS and LCSD %R and relative percent difference (RPD) outliers and the qualifications applied during data review.

Table 3-2 Laboratory Control Sample Outliers								
LCS	Analyte	LCS % R	LCSD % R	% R Limits	RPD	RPD Limit	Associated Samples	Flags
460-535140/3	1,1,2,2-Tetrachloroethane	66*	80	74-120	19	30	FSMW-1A 06282018	UJ
460-535008/4	1,1,2,2-Tetrachloroethane	84	52*	74-120	47*	30	EQUIPMENT 06262018	UJ
							FSMW-2A 06272018	UJ
460-535008/4	1,2-Dibromo-3-Chloropropane	82	49*	55-134	50*	30	EQUIPMENT 06262018	UJ
							FSMW-2A 06272018	UJ

Notes:

LCS = Laboratory control sample
 %R = Percent recovery
 RPD = Relative percent difference
Bold* = Parameter was outside quality control acceptable limit
 UJ = Undetected result was qualified estimated due to low bias and/or poor potential precision

3.4 Matrix Spike/Matrix Spike Duplicates

MS/MSDs are generated to provide information about the effect of each sample matrix on the sample preparation and the measurement methodology. MS/MSD %Rs assess the effect of the sample matrix on the accuracy of the analytical results. %Rs above the laboratory control limit could indicate a potential high result bias, while %Rs below QC limits could indicate a potential low result bias. The RPD between the MS and MSD results is evaluated to assess sample precision.

All RPDs were within QC limits. The MS and MSD %Rs for two analytes were below QC limits for FSMW-8A 06272018, indicating potential low bias. 1,1,2,2-Tetrachloroethane had a MS %R of 34% and a MSD %R of 38%, which were below the 74-120% QC limit and 1,2-dibromo-3-chloropropane had a MS %R of 30% and a MSD %R of 37%, which were below the 55-134%. The undetected results for 1,1,2,2-tetrachloroethane and 1,2-dibromo-3-chloropropane were qualified as estimated "UJ" for sample FSMW-8A 06272018. MS/MSD qualifications performed were limited to the native (unspiked) sample and not the entire matrix batch.

4.0 OVERALL ASSESSMENT

Data from the groundwater sampling activities at the Frost Street sites, Westbury, New York, were reviewed independently from the laboratory to assess data quality. When the parameters did not fall within the specific method or data review guidelines, the data evaluator annotated or "flagged" the corresponding compounds. A total of 624 data points were evaluated and reported as final results. No results were rejected during the data review process; therefore, analytical completeness was calculated to be 100%. Some results were qualified as estimated (J-flag) and may be biased high or low; however, these results are usable to evaluate site conditions and performance of on-site remedial systems at the site according to United States Environmental Protection Agency guidelines.



Table B-1 in Attachment B presents final results after data review for groundwater samples, and Table B-2 presents final results for soil samples. Attachment C contains the laboratory data deliverables packages for samples discussed in this report.

Attachment A
Sample and Analysis Summary

Table A-1
Sample Identification and Analytical Parameters

Sample Delivery Group	Sample Identification	Laboratory Identification	Sample Date	Matrix	SW8260C
4601595681	FSMW-14B 06262018	460-159568-1	6/26/2018	Groundwater	X
4601595681	TRIP BLANK 06262018	460-159568-10	6/26/2018	Trip Blank	X
4601595681	EQUIPMENT 06262018	460-159568-11	6/28/2018	Equipment Blank	X
4601595681	FSMW-1A 06282018	460-159568-12	6/28/2018	Groundwater	X
4601595681	FSMW-14A 06262018	460-159568-2	6/26/2018	Groundwater	X
4601595681	FSMW-2B 06272018	460-159568-3	6/27/2018	Groundwater	X
4601595681	FSMW-4B 06272018	460-159568-4	6/27/2018	Groundwater	X
4601595681	FSMW-4A 06272018	460-159568-5	6/27/2018	Groundwater	X
4601595681	FSMW-2A 06272018	460-159568-6	6/27/2018	Groundwater	X
4601595681	FSMW-8A 06272018	460-159568-7	6/27/2018	Groundwater	X
4601595681	DUPLICATE-01-06272018	460-159568-8	6/27/2018	Duplicate of FSMW-13A 06272018	X
4601595681	FSMW-13A 06272018	460-159568-9	6/27/2018	Groundwater	X

Notes:

8260C = Target compound list volatile organic compounds via SW846 Method 8260C

Attachment B
Final Results after Data Review

Table B-1
Groundwater Sample Final Results after Data Review

Sample Delivery Group Lab ID Sample ID Sample Date Sample Type				4601595681 460-159568-1 FSMW-14B 06262018 6/26/2018 Groundwater			4601595681 460-159568-10 TRIP BLANK 06262018 6/26/2018 Trip Blank			4601595681 460-159568-11 EQUIPMENT 06262018 6/28/2018 Equipment Blank			4601595681 460-159568-12 FSMW-1A 06282018 6/28/2018 Groundwater		
Method	Analyte	CAS No	Units	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC
SW8260C	1,1,1-Trichloroethane	71-55-6	µg/L	1.2	U		0.24	U		0.24	U		0.24	U	
SW8260C	1,1,2,2-Tetrachloroethane	79-34-5	µg/L	1.8	U		0.37	U		0.37	UJ	c,l	0.37	UJ	c,l
SW8260C	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	µg/L	1.6	U		0.31	U		0.31	U		0.31	U	
SW8260C	1,1,2-Trichloroethane	79-00-5	µg/L	2.2	U		0.43	U		0.43	U		0.43	U	
SW8260C	1,1-Dichloroethane	75-34-3	µg/L	1.3	U		0.26	U		0.26	U		0.26	U	
SW8260C	1,1-Dichloroethene	75-35-4	µg/L	0.59	U		0.12	U		0.12	U		0.12	U	
SW8260C	1,2,3-Trichlorobenzene	87-61-6	µg/L	1.8	U		0.36	U		0.36	U		0.36	U	
SW8260C	1,2,4-Trichlorobenzene	120-82-1	µg/L	1.8	U		0.37	U		0.37	U		0.37	U	
SW8260C	1,2-Dibromo-3-Chloropropane	96-12-8	µg/L	1.9	U		0.38	U		0.38	UJ	I	0.38	U	
SW8260C	1,2-Dibromoethane (EDB)	106-93-4	µg/L	2.5	U		0.5	U		0.5	U		0.5	U	
SW8260C	1,2-Dichlorobenzene	95-50-1	µg/L	2.2	U		0.43	U		0.43	U		0.43	U	
SW8260C	1,2-Dichloroethane	107-06-2	µg/L	2.2	U		0.43	U		0.43	U		0.43	U	
SW8260C	1,2-Dichloropropane	78-87-5	µg/L	1.8	U		0.35	U		0.35	U		0.35	U	
SW8260C	1,3-Dichlorobenzene	541-73-1	µg/L	1.7	U		0.34	U		0.34	U		0.34	U	
SW8260C	1,4-Dichlorobenzene	106-46-7	µg/L	3.8	U		0.76	U		0.76	U		0.76	U	
SW8260C	1,4-Dioxane	123-91-1	µg/L	140	U		28	U		28	U		28	U	
SW8260C	2-Butanone (MEK)	78-93-3	µg/L	9.3	U		1.9	U		3.1	J		1.9	U	
SW8260C	2-Hexanone	591-78-6	µg/L	15	U		2.9	U		2.9	U		2.9	U	
SW8260C	4-Methyl-2-Pentanone (MIBK)	108-10-1	µg/L	14	U		2.7	U		2.7	U		2.7	U	
SW8260C	Acetone	67-64-1	µg/L	25	U		5	U		190			5	U	
SW8260C	Benzene	71-43-2	µg/L	2.1	U		0.43	U		0.43	U		0.43	U	
SW8260C	Bromodichloromethane	75-27-4	µg/L	1.7	U		0.34	U		0.34	U		0.34	U	
SW8260C	Bromoform	75-25-2	µg/L	2.7	U		0.54	U		0.54	U		0.54	U	
SW8260C	Bromomethane	74-83-9	µg/L	5	U		1	U		1	U		1	U	
SW8260C	Carbon disulfide	75-15-0	µg/L	0.78	U		0.16	U		0.16	U		0.16	U	
SW8260C	Carbon tetrachloride	56-23-5	µg/L	1	U		0.21	U		0.21	U		0.21	U	
SW8260C	Chlorobenzene	108-90-7	µg/L	1.9	U		0.38	U		0.38	U		0.38	U	
SW8260C	Chlorobromomethane	74-97-5	µg/L	2.1	U		0.41	U		0.41	U		0.41	U	
SW8260C	Chloroethane	75-00-3	µg/L	1.6	U		0.32	U		0.32	U		0.32	U	
SW8260C	Chloroform	67-66-3	µg/L	1.6	U		0.33	U		0.33	U		0.33	U	
SW8260C	Chloromethane	74-87-3	µg/L	0.72	U		0.14	U		0.14	U		0.14	U	
SW8260C	cis-1,2-Dichloroethene	156-59-2	µg/L	2.1	J		0.22	U		0.22	U		69		
SW8260C	cis-1,3-Dichloropropene	10061-01-5	µg/L	2.3	U		0.46	U		0.46	U		0.46	U	

Table B-1 (Continued)
Groundwater Sample Final Results after Data Review

Sample Delivery Group Lab ID Sample ID Sample Date Sample Type				4601595681 460-159568-1 FSMW-14B 06262018 6/26/2018 Groundwater			4601595681 460-159568-10 TRIP BLANK 06262018 6/26/2018 Trip Blank			4601595681 460-159568-11 EQUIPMENT 06262018 6/28/2018 Equipment Blank			4601595681 460-159568-12 FSMW-1A 06282018 6/28/2018 Groundwater		
Method	Analyte	CAS No	Units	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC
SW8260C	Cyclohexane	110-82-7	µg/L	1.6	U		0.32	U		0.32	U		0.32	U	
SW8260C	Dibromochloromethane	124-48-1	µg/L	1.4	U		0.28	U		0.28	U		0.28	U	
SW8260C	Dichlorodifluoromethane	75-71-8	µg/L	0.61	U		0.12	U		0.12	U		0.12	U	
SW8260C	Ethylbenzene	100-41-4	µg/L	1.5	U		0.3	U		0.3	U		0.3	U	
SW8260C	Isopropylbenzene	98-82-8	µg/L	1.7	U		0.34	U		0.34	U		0.34	U	
SW8260C	m+p Xylene	9999900-05-0	µg/L	1.5	U		0.3	U		0.3	U		0.3	U	
SW8260C	Methyl acetate	79-20-9	µg/L	1.6	U		0.31	U		0.65	J		0.31	U	
SW8260C	Methyl tert-butyl ether	1634-04-4	µg/L	2.3	U		0.47	U		0.47	U		0.47	U	
SW8260C	Methylcyclohexane	108-87-2	µg/L	1.3	U		0.26	U		0.26	U		0.26	U	
SW8260C	Methylene chloride	75-09-2	µg/L	1.6	U		0.32	U		0.36	J		0.32	U	
SW8260C	o-Xylene	95-47-6	µg/L	1.8	U		0.36	U		0.36	U		0.36	U	
SW8260C	Styrene	100-42-5	µg/L	2.1	U		0.42	U		0.42	U		0.42	U	
SW8260C	Tetrachloroethene	127-18-4	µg/L	1600			0.25	U		0.25	U		180		
SW8260C	Toluene	108-88-3	µg/L	1.9	U		0.38	U		0.38	U		0.38	U	
SW8260C	trans-1,2-Dichloroethene	156-60-5	µg/L	1.2	U		0.24	U		0.24	U		0.34	J	
SW8260C	trans-1,3-Dichloropropene	10061-02-6	µg/L	2.4	U		0.49	U		0.49	U		0.49	U	
SW8260C	Trichloroethene	79-01-6	µg/L	33			0.31	U		0.31	U		44		
SW8260C	Trichlorofluoromethane	75-69-4	µg/L	0.72	U		0.14	U		0.14	U		0.14	U	
SW8260C	Vinyl chloride	75-01-4	µg/L	0.86	U		0.17	U		0.17	U		0.17	U	

Table B-1 (Continued)
Groundwater Sample Final Results after Data Review

Sample Delivery Group Lab ID Sample ID Sample Date Sample Type				4601595681 460-159568-2 FSMW-14A 06262018 6/26/2018 Groundwater			4601595681 460-159568-3 FSMW-2B 06272018 6/27/2018 Groundwater			4601595681 460-159568-4 FSMW-4B 06272018 6/27/2018 Groundwater			4601595681 460-159568-5 FSMW-4A 06272018 6/27/2018 Groundwater		
Method	Analyte	CAS No	Units	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC
SW8260C	1,1,1-Trichloroethane	71-55-6	µg/L	1.2	U		0.24	U		0.24	U		0.24	U	
SW8260C	1,1,2,2-Tetrachloroethane	79-34-5	µg/L	1.8	U		0.37	U		0.37	U		0.37	U	
SW8260C	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	µg/L	1.6	U		0.31	U		0.31	U		0.31	U	
SW8260C	1,1,2-Trichloroethane	79-00-5	µg/L	2.2	U		0.43	U		0.43	U		0.43	U	
SW8260C	1,1-Dichloroethane	75-34-3	µg/L	1.3	U		0.26	U		0.26	U		0.26	U	
SW8260C	1,1-Dichloroethene	75-35-4	µg/L	0.59	U		0.12	U		0.12	U		0.12	U	
SW8260C	1,2,3-Trichlorobenzene	87-61-6	µg/L	1.8	U		0.36	U		0.36	U		0.36	U	
SW8260C	1,2,4-Trichlorobenzene	120-82-1	µg/L	1.8	U		0.37	U		0.37	U		0.37	U	
SW8260C	1,2-Dibromo-3-Chloropropane	96-12-8	µg/L	1.9	U		0.38	U		0.38	U		0.38	U	
SW8260C	1,2-Dibromoethane (EDB)	106-93-4	µg/L	2.5	U		0.5	U		0.5	U		0.5	U	
SW8260C	1,2-Dichlorobenzene	95-50-1	µg/L	2.2	U		0.43	U		0.43	U		0.43	U	
SW8260C	1,2-Dichloroethane	107-06-2	µg/L	2.2	U		0.43	U		0.43	U		0.43	U	
SW8260C	1,2-Dichloropropane	78-87-5	µg/L	1.8	U		0.35	U		0.35	U		0.35	U	
SW8260C	1,3-Dichlorobenzene	541-73-1	µg/L	1.7	U		0.34	U		0.34	U		0.34	U	
SW8260C	1,4-Dichlorobenzene	106-46-7	µg/L	3.8	U		0.76	U		0.76	U		0.76	U	
SW8260C	1,4-Dioxane	123-91-1	µg/L	140	U		28	U		28	U		28	U	
SW8260C	2-Butanone (MEK)	78-93-3	µg/L	9.3	U		1.9	U		1.9	U		1.9	U	
SW8260C	2-Hexanone	591-78-6	µg/L	15	U		2.9	U		2.9	U		2.9	U	
SW8260C	4-Methyl-2-Pentanone (MIBK)	108-10-1	µg/L	14	U		2.7	U		2.7	U		2.7	U	
SW8260C	Acetone	67-64-1	µg/L	25	U		5	U		5	U		5	U	
SW8260C	Benzene	71-43-2	µg/L	2.1	U		0.43	U		0.43	U		0.43	U	
SW8260C	Bromodichloromethane	75-27-4	µg/L	1.7	U		0.34	U		0.34	U		0.34	U	
SW8260C	Bromoform	75-25-2	µg/L	2.7	U		0.54	U		0.54	U		0.54	U	
SW8260C	Bromomethane	74-83-9	µg/L	5	U		1	U		1	U		1	U	
SW8260C	Carbon disulfide	75-15-0	µg/L	0.78	U		0.16	U		0.16	U		0.16	U	
SW8260C	Carbon tetrachloride	56-23-5	µg/L	1	U		0.21	U		0.21	U		0.21	U	
SW8260C	Chlorobenzene	108-90-7	µg/L	1.9	U		0.38	U		0.38	U		0.38	U	
SW8260C	Chlorobromomethane	74-97-5	µg/L	2.1	U		0.41	U		0.41	U		0.41	U	
SW8260C	Chloroethane	75-00-3	µg/L	1.6	U		0.32	U		0.32	U		0.32	U	
SW8260C	Chloroform	67-66-3	µg/L	1.6	U		0.33	U		0.33	U		0.33	U	
SW8260C	Chloromethane	74-87-3	µg/L	0.72	U		0.14	U		0.14	U		0.14	U	
SW8260C	cis-1,2-Dichloroethene	156-59-2	µg/L	14			0.22	U		0.22	U		3.7		
SW8260C	cis-1,3-Dichloropropene	10061-01-5	µg/L	2.3	U		0.46	U		0.46	U		0.46	U	

Table B-1 (Continued)
Groundwater Sample Final Results after Data Review

Sample Delivery Group Lab ID Sample ID Sample Date Sample Type				4601595681 460-159568-2 FSMW-14A 06262018 6/26/2018 Groundwater			4601595681 460-159568-3 FSMW-2B 06272018 6/27/2018 Groundwater			4601595681 460-159568-4 FSMW-4B 06272018 6/27/2018 Groundwater			4601595681 460-159568-5 FSMW-4A 06272018 6/27/2018 Groundwater		
Method	Analyte	CAS No	Units	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC
SW8260C	Cyclohexane	110-82-7	µg/L	1.6	U		0.32	U		0.32	U		0.32	U	
SW8260C	Dibromochloromethane	124-48-1	µg/L	1.4	U		0.28	U		0.28	U		0.28	U	
SW8260C	Dichlorodifluoromethane	75-71-8	µg/L	0.61	U		0.12	U		0.12	U		0.12	U	
SW8260C	Ethylbenzene	100-41-4	µg/L	1.5	U		0.3	U		0.3	U		0.3	U	
SW8260C	Isopropylbenzene	98-82-8	µg/L	1.7	U		2.7			0.34	U		0.34	U	
SW8260C	m+p Xylene	9999900-05-0	µg/L	1.5	U		0.3	U		0.3	U		0.3	U	
SW8260C	Methyl acetate	79-20-9	µg/L	1.6	U		0.31	U		0.31	U		0.31	U	
SW8260C	Methyl tert-butyl ether	1634-04-4	µg/L	2.3	U		0.47	U		0.47	U		0.47	U	
SW8260C	Methylcyclohexane	108-87-2	µg/L	1.3	U		0.26	U		0.26	U		0.26	U	
SW8260C	Methylene chloride	75-09-2	µg/L	1.6	U		0.32	U		0.32	U		0.32	U	
SW8260C	o-Xylene	95-47-6	µg/L	1.8	U		0.36	U		0.36	U		0.36	U	
SW8260C	Styrene	100-42-5	µg/L	2.1	U		0.42	U		0.42	U		0.42	U	
SW8260C	Tetrachloroethene	127-18-4	µg/L	1600			0.71	J		6.8			57		
SW8260C	Toluene	108-88-3	µg/L	1.9	U		0.38	U		0.38	U		0.38	U	
SW8260C	trans-1,2-Dichloroethene	156-60-5	µg/L	1.2	U		0.24	U		0.24	U		0.24	U	
SW8260C	trans-1,3-Dichloropropene	10061-02-6	µg/L	2.4	U		0.49	U		0.49	U		0.49	U	
SW8260C	Trichloroethene	79-01-6	µg/L	45			0.31	U		1.6			0.92	J	
SW8260C	Trichlorofluoromethane	75-69-4	µg/L	0.72	U		0.14	U		0.14	U		0.14	U	
SW8260C	Vinyl chloride	75-01-4	µg/L	0.86	U		0.17	U		0.17	U		0.17	U	

Table B-1 (Continued)
Groundwater Sample Final Results after Data Review

Sample Delivery Group Lab ID Sample ID Sample Date Sample Type				4601595681 460-159568-6 FSMW-2A 06272018 6/27/2018 Groundwater			4601595681 460-159568-7 FSMW-8A 06272018 6/27/2018 Groundwater			4601595681 460-159568-8 DUPLICATE-01-06272018 6/27/2018 Duplicate			4601595681 460-159568-9 FSMW-13A 06272018 6/27/2018 Groundwater		
Method	Analyte	CAS No	Units	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC
SW8260C	1,1,1-Trichloroethane	71-55-6	µg/L	0.24	U		0.24	U		0.24	U		0.24	U	
SW8260C	1,1,2,2-Tetrachloroethane	79-34-5	µg/L	0.37	UJ	c,l	0.37	UJ	m	0.37	U		0.37	U	
SW8260C	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	µg/L	0.31	U		0.31	U		0.31	U		0.31	U	
SW8260C	1,1,2-Trichloroethane	79-00-5	µg/L	0.43	U		0.43	U		0.43	U		0.43	U	
SW8260C	1,1-Dichloroethane	75-34-3	µg/L	0.26	U		0.26	U		0.26	U		0.26	U	
SW8260C	1,1-Dichloroethene	75-35-4	µg/L	0.12	U		0.12	U		0.12	U		0.12	U	
SW8260C	1,2,3-Trichlorobenzene	87-61-6	µg/L	0.36	U		0.46	J		0.36	U		0.36	U	
SW8260C	1,2,4-Trichlorobenzene	120-82-1	µg/L	0.37	U		0.37	U		0.37	U		0.37	U	
SW8260C	1,2-Dibromo-3-Chloropropane	96-12-8	µg/L	0.38	UJ	l	0.38	UJ	m	0.38	U		0.38	U	
SW8260C	1,2-Dibromoethane (EDB)	106-93-4	µg/L	0.5	U		0.5	U		0.5	U		0.5	U	
SW8260C	1,2-Dichlorobenzene	95-50-1	µg/L	0.43	U		0.43	U		0.43	U		0.43	U	
SW8260C	1,2-Dichloroethane	107-06-2	µg/L	0.43	U		0.43	U		0.43	U		0.43	U	
SW8260C	1,2-Dichloropropane	78-87-5	µg/L	0.35	U		0.35	U		1			1.4	J+	s
SW8260C	1,3-Dichlorobenzene	541-73-1	µg/L	0.34	U		0.34	U		0.34	U		0.34	U	
SW8260C	1,4-Dichlorobenzene	106-46-7	µg/L	0.76	U		0.76	U		0.76	U		0.76	U	
SW8260C	1,4-Dioxane	123-91-1	µg/L	28	U		28	U		28	U		28	U	
SW8260C	2-Butanone (MEK)	78-93-3	µg/L	1.9	U		1.9	U		1.9	U		1.9	U	
SW8260C	2-Hexanone	591-78-6	µg/L	2.9	U		2.9	U		2.9	U		2.9	U	
SW8260C	4-Methyl-2-Pentanone (MIBK)	108-10-1	µg/L	2.7	U		2.7	U		2.7	U		2.7	U	
SW8260C	Acetone	67-64-1	µg/L	5	U		5	U		5	U		5	U	
SW8260C	Benzene	71-43-2	µg/L	0.43	U		0.43	U		0.43	U		0.43	U	
SW8260C	Bromodichloromethane	75-27-4	µg/L	0.34	U		0.34	U		0.34	U		0.34	U	
SW8260C	Bromoform	75-25-2	µg/L	0.54	U		0.54	U		0.54	U		0.54	U	
SW8260C	Bromomethane	74-83-9	µg/L	1	U		1	U		1	U		1	U	
SW8260C	Carbon disulfide	75-15-0	µg/L	0.16	U		0.16	U		0.16	U		0.16	U	
SW8260C	Carbon tetrachloride	56-23-5	µg/L	0.21	U		0.21	U		0.21	U		0.21	U	
SW8260C	Chlorobenzene	108-90-7	µg/L	0.38	U		0.38	U		0.38	U		0.38	U	
SW8260C	Chlorobromomethane	74-97-5	µg/L	0.41	U		0.41	U		0.41	U		0.41	U	
SW8260C	Chloroethane	75-00-3	µg/L	0.32	U		0.32	U		0.32	U		0.32	U	
SW8260C	Chloroform	67-66-3	µg/L	0.33	U		0.33	U		0.33	U		0.33	U	
SW8260C	Chloromethane	74-87-3	µg/L	0.14	U		0.14	U		0.14	U		0.14	U	
SW8260C	cis-1,2-Dichloroethene	156-59-2	µg/L	10			0.53	J		6.3			6.9	J+	s
SW8260C	cis-1,3-Dichloropropene	10061-01-5	µg/L	0.46	U		0.46	U		0.46	U		0.46	U	

Table B-1 (Continued)
Groundwater Sample Final Results after Data Review

Sample Delivery Group Lab ID Sample ID Sample Date Sample Type				4601595681 460-159568-6 FSMW-2A 06272018 6/27/2018 Groundwater			4601595681 460-159568-7 FSMW-8A 06272018 6/27/2018 Groundwater			4601595681 460-159568-8 DUPLICATE-01-06272018 6/27/2018 Duplicate			4601595681 460-159568-9 FSMW-13A 06272018 6/27/2018 Groundwater		
Method	Analyte	CAS No	Units	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC
SW8260C	Cyclohexane	110-82-7	µg/L	0.32	U		0.32	U		0.32	U		0.32	U	
SW8260C	Dibromochloromethane	124-48-1	µg/L	0.28	U		0.28	U		0.28	U		0.28	U	
SW8260C	Dichlorodifluoromethane	75-71-8	µg/L	0.12	U		0.12	U		0.67	J		0.8	J+	s
SW8260C	Ethylbenzene	100-41-4	µg/L	0.3	U		0.3	U		0.3	U		0.3	U	
SW8260C	Isopropylbenzene	98-82-8	µg/L	0.34	U		0.34	U		0.34	U		0.34	U	
SW8260C	m+p Xylene	9999900-05-0	µg/L	0.3	U		0.3	U		0.3	U		0.3	U	
SW8260C	Methyl acetate	79-20-9	µg/L	0.31	U		0.31	U		0.31	U		0.31	U	
SW8260C	Methyl tert-butyl ether	1634-04-4	µg/L	0.47	U		0.47	U		0.47	U		0.47	U	
SW8260C	Methylcyclohexane	108-87-2	µg/L	0.26	U		0.26	U		0.26	U		0.26	U	
SW8260C	Methylene chloride	75-09-2	µg/L	0.32	U		0.32	U		0.32	U		0.32	U	
SW8260C	o-Xylene	95-47-6	µg/L	0.36	U		0.36	U		0.36	U		0.36	U	
SW8260C	Styrene	100-42-5	µg/L	0.42	U		0.42	U		0.42	U		0.42	U	
SW8260C	Tetrachloroethene	127-18-4	µg/L	200			16			170			200	J+	s
SW8260C	Toluene	108-88-3	µg/L	0.38	U		0.38	U		0.38	U		0.38	U	
SW8260C	trans-1,2-Dichloroethene	156-60-5	µg/L	0.24	U		0.24	U		0.24	U		0.24	U	
SW8260C	trans-1,3-Dichloropropene	10061-02-6	µg/L	0.49	U		0.49	U		0.49	U		0.49	U	
SW8260C	Trichloroethene	79-01-6	µg/L	7.9			0.75	J		6.5			7.9	J+	s
SW8260C	Trichlorofluoromethane	75-69-4	µg/L	0.14	U		0.14	U		0.69	J		0.67	J+	s
SW8260C	Vinyl chloride	75-01-4	µg/L	0.17	U		0.17	U		0.17	U		0.17	U	

Notes:

- Qual = Final interpreted qualifier (See definition below)
- RC = Reason code (See definition below)
- µg/L = Micrograms per liter
- J = **Estimated Value** — One or more QC parameters were outside control limits or the analyte concentration was below the reporting limit but above the method detection limit (MDL)
- J+ = **Estimated and Biased High** — the result is estimated due to a quality control outlier and the bias may be high.
- U = **Undetected** — The analyte was undetected above the method detection limit; the associated value presented is the MDL.
- UJ = **Estimated and undetected** — one or more quality control parameters were outside control limits; the associated value presented is the MDL.

Reason Code

- c = Result was qualified based on calibration issue.
- l = Result was qualified based on poor laboratory control sample recovery outlier (accuracy indicator)
- m = Result was qualified based on matrix spike/matrix spike duplicate recovery outlier (accuracy indicator)
- s = Result was qualified based on surrogate recovery outlier (accuracy indicator)

Attachment C
NYSDEC Category B Data Deliverables Packages

ANALYTICAL REPORT

Job Number: 460-159568-1

Job Description: Frost St. Westbury, NY

For:
EnSafe, Inc.
5724 Summer Trees Drive
Memphis, TN 38134
Attention: Alex Stark



Approved for release.
Jannel O Franklin
Manager of Project Management Assistants
7/13/2018 8:00 PM

Jannel O Franklin, Manager of Project Management Assistants
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07/13/2018

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TestAmerica Laboratories, Inc.

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Job Number: 460-159568-1

Job Description: Frost St. Westbury, NY

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



Approved for release.
Jannel O Franklin
Manager of Project Management Assistants
7/13/2018 8:00 PM

Jannel O Franklin

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CASE NARRATIVE

Client: EnSafe, Inc.

Project: Frost St. Westbury, NY

Report Number: 460-159568-1

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

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

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

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

RECEIPT

The samples were received on 6/28/2018 7:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5° C.

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

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples FSMW-14B 06262018 (460-159568-1), FSMW-14A 06262018 (460-159568-2), FSMW-2B 06272018 (460-159568-3), FSMW-4B 06272018 (460-159568-4), FSMW-4A 06272018 (460-159568-5), FSMW-2A 06272018 (460-159568-6), FSMW-8A 06272018 (460-159568-7), DUPLICATE-01-06272018 (460-159568-8), FSMW-13A 06272018 (460-159568-9), TRIP BLANK 06262018 (460-159568-10), EQUIPMENT 06262018 (460-159568-11), FSMW-1A 06282018 (460-159568-12) and Q218WASTE 06282018 (460-159568-13) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 07/10/2018 and 07/11/2018.

Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates (4-Bromofluorobenzene) to be outside acceptance criteria without performing re-analysis. The following MSD contained an allowable number of surrogate compounds outside limits: Q218WASTE 06282018 (460-159568-13) and FSMW-8A 06272018 (460-159568-7[MSD]). These results have been reported and qualified.

The continuing calibration verification (CCV) analyzed in batch 460-535008 was outside the method criteria for the following analyte: 1,1,2,2-Tetrachloroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The laboratory control sample duplicate (LCSD) and %RPD for analytical batch 460-535008 recovered outside control limits for the following analytes: 1,1,2,2-Tetrachloroethane and 1,2-Dibromo-3-Chloropropane.

The continuing calibration verification (CCV) analyzed in batch 460-535140 was outside the method criteria for the following analyte: 1,1,2,2-Tetrachloroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The laboratory control sample (LCS) for analytical batch 460-535140 recovered outside control limits for the following analyte: 1,1,2,2-Tetrachloroethane.

1,1,2,2-Tetrachloroethane failed the recovery criteria low for LCS 460-535140/3. 1,1,2,2-Tetrachloroethane and 1,2-Dibromo-3-Chloropropane failed the recovery criteria low for LCSD 460-535008/4. 1,1,2,2-Tetrachloroethane and 1,2-Dibromo-3-Chloropropane exceeded the RPD limit.

1,1,2,2-Tetrachloroethane and 1,2-Dibromo-3-Chloropropane failed the recovery criteria low for the MS/MSD of sample FSMW-8A 06272018 (460-159568-7) in batch 460-534820.

Refer to the QC report for details.

The following samples were diluted to bring the concentration of target analytes within the calibration range: FSMW-14B 06262018 (460-159568-1)[5X] and FSMW-14A 06262018 (460-159568-2)[5X].

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: EnSafe, Inc.

Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-159568-1	FSMW-14B 06262018	Water	06/26/18 12:50	06/28/18 19:40
460-159568-2	FSMW-14A 06262018	Water	06/26/18 10:05	06/28/18 19:40
460-159568-3	FSMW-2B 06272018	Water	06/27/18 13:35	06/28/18 19:40
460-159568-4	FSMW-4B 06272018	Water	06/27/18 10:45	06/28/18 19:40
460-159568-5	FSMW-4A 06272018	Water	06/27/18 11:40	06/28/18 19:40
460-159568-6	FSMW-2A 06272018	Water	06/27/18 12:30	06/28/18 19:40
460-159568-7	FSMW-8A 06272018	Water	06/27/18 09:05	06/28/18 19:40
460-159568-8	DUPLICATE-01-06272018	Water	06/27/18 00:00	06/28/18 19:40
460-159568-9	FSMW-13A 06272018	Water	06/27/18 08:10	06/28/18 19:40
460-159568-10	TRIP BLANK 06262018	Water	06/26/18 09:00	06/28/18 19:40
460-159568-11	EQUIPMENT 06262018	Water	06/28/18 12:00	06/28/18 19:40
460-159568-12	FSMW-1A 06282018	Water	06/28/18 11:40	06/28/18 19:40
460-159568-13	Q218WASTE 06282018	Water	06/28/18 12:10	06/28/18 19:40

Detection Summary

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-14B 06262018

Lab Sample ID: 460-159568-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.1	J	5.0	1.1	ug/L	5			8260C	Total/NA
Tetrachloroethene	1600		5.0	1.2	ug/L	5			8260C	Total/NA
Trichloroethene	33		5.0	1.6	ug/L	5			8260C	Total/NA

Client Sample ID: FSMW-14A 06262018

Lab Sample ID: 460-159568-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	14		5.0	1.1	ug/L	5			8260C	Total/NA
Tetrachloroethene	1600		5.0	1.2	ug/L	5			8260C	Total/NA
Trichloroethene	45		5.0	1.6	ug/L	5			8260C	Total/NA

Client Sample ID: FSMW-2B 06272018

Lab Sample ID: 460-159568-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Isopropylbenzene	2.7		1.0	0.34	ug/L	1			8260C	Total/NA
Tetrachloroethene	0.71	J	1.0	0.25	ug/L	1			8260C	Total/NA

Client Sample ID: FSMW-4B 06272018

Lab Sample ID: 460-159568-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Tetrachloroethene	6.8		1.0	0.25	ug/L	1			8260C	Total/NA
Trichloroethene	1.6		1.0	0.31	ug/L	1			8260C	Total/NA

Client Sample ID: FSMW-4A 06272018

Lab Sample ID: 460-159568-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.7		1.0	0.22	ug/L	1			8260C	Total/NA
Tetrachloroethene	57		1.0	0.25	ug/L	1			8260C	Total/NA
Trichloroethene	0.92	J	1.0	0.31	ug/L	1			8260C	Total/NA

Client Sample ID: FSMW-2A 06272018

Lab Sample ID: 460-159568-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	10		1.0	0.22	ug/L	1			8260C	Total/NA
Tetrachloroethene	200		1.0	0.25	ug/L	1			8260C	Total/NA
Trichloroethene	7.9		1.0	0.31	ug/L	1			8260C	Total/NA

Client Sample ID: FSMW-8A 06272018

Lab Sample ID: 460-159568-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2,3-Trichlorobenzene	0.46	J	1.0	0.36	ug/L	1			8260C	Total/NA
cis-1,2-Dichloroethene	0.53	J	1.0	0.22	ug/L	1			8260C	Total/NA
Tetrachloroethene	16		1.0	0.25	ug/L	1			8260C	Total/NA
Trichloroethene	0.75	J	1.0	0.31	ug/L	1			8260C	Total/NA

Client Sample ID: DUPLICATE-01-06272018

Lab Sample ID: 460-159568-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2-Dichloropropane	1.0		1.0	0.35	ug/L	1			8260C	Total/NA
cis-1,2-Dichloroethene	6.3		1.0	0.22	ug/L	1			8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Detection Summary

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: DUPLICATE-01-06272018 (Continued)

Lab Sample ID: 460-159568-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.67	J	1.0	0.12	ug/L	1		8260C	Total/NA
Tetrachloroethene	170		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	6.5		1.0	0.31	ug/L	1		8260C	Total/NA
Trichlorofluoromethane	0.69	J	1.0	0.14	ug/L	1		8260C	Total/NA

Client Sample ID: FSMW-13A 06272018

Lab Sample ID: 460-159568-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloropropane	1.4		1.0	0.35	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	6.9		1.0	0.22	ug/L	1		8260C	Total/NA
Dichlorodifluoromethane	0.80	J	1.0	0.12	ug/L	1		8260C	Total/NA
Tetrachloroethene	200		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	7.9		1.0	0.31	ug/L	1		8260C	Total/NA
Trichlorofluoromethane	0.67	J	1.0	0.14	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK 06262018

Lab Sample ID: 460-159568-10

No Detections.

Client Sample ID: EQUIPMENT 06262018

Lab Sample ID: 460-159568-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.1	J	5.0	1.9	ug/L	1		8260C	Total/NA
Acetone	190		5.0	5.0	ug/L	1		8260C	Total/NA
Methyl acetate	0.65	J	5.0	0.31	ug/L	1		8260C	Total/NA
Methylene Chloride	0.36	J	1.0	0.32	ug/L	1		8260C	Total/NA

Client Sample ID: FSMW-1A 06282018

Lab Sample ID: 460-159568-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	69		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	180		1.0	0.25	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.34	J	1.0	0.24	ug/L	1		8260C	Total/NA
Trichloroethene	44		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: Q218WASTE 06282018

Lab Sample ID: 460-159568-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.9		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	140		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	4.5		1.0	0.31	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Method Summary

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI

Protocol References:

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

Laboratory References:

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

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-14B 06262018

Lab Sample ID: 460-159568-1

Date Collected: 06/26/18 12:50

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.2	U	5.0	1.2	ug/L			07/10/18 09:01	5
1,1,2,2-Tetrachloroethane	1.8	U	5.0	1.8	ug/L			07/10/18 09:01	5
1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	U	5.0	1.6	ug/L			07/10/18 09:01	5
1,1,2-Trichloroethane	2.2	U	5.0	2.2	ug/L			07/10/18 09:01	5
1,1-Dichloroethane	1.3	U	5.0	1.3	ug/L			07/10/18 09:01	5
1,1-Dichloroethene	0.59	U	5.0	0.59	ug/L			07/10/18 09:01	5
1,2,3-Trichlorobenzene	1.8	U	5.0	1.8	ug/L			07/10/18 09:01	5
1,2,4-Trichlorobenzene	1.8	U	5.0	1.8	ug/L			07/10/18 09:01	5
1,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			07/10/18 09:01	5
1,3-Dichlorobenzene	1.7	U	5.0	1.7	ug/L			07/10/18 09:01	5
1,4-Dichlorobenzene	3.8	U	5.0	3.8	ug/L			07/10/18 09:01	5
1,4-Dioxane	140	U	250	140	ug/L			07/10/18 09:01	5
2-Butanone (MEK)	9.3	U	25	9.3	ug/L			07/10/18 09:01	5
2-Hexanone	15	U	25	15	ug/L			07/10/18 09:01	5
4-Methyl-2-pentanone (MIBK)	14	U	25	14	ug/L			07/10/18 09:01	5
Acetone	25	U	25	25	ug/L			07/10/18 09:01	5
Benzene	2.1	U	5.0	2.1	ug/L			07/10/18 09:01	5
Bromoform	2.7	U	5.0	2.7	ug/L			07/10/18 09:01	5
Bromomethane	5.0	U	5.0	5.0	ug/L			07/10/18 09:01	5
Carbon disulfide	0.78	U	5.0	0.78	ug/L			07/10/18 09:01	5
Carbon tetrachloride	1.0	U	5.0	1.0	ug/L			07/10/18 09:01	5
Chlorobenzene	1.9	U	5.0	1.9	ug/L			07/10/18 09:01	5
Chlorobromomethane	2.1	U	5.0	2.1	ug/L			07/10/18 09:01	5
Chlorodibromomethane	1.4	U	5.0	1.4	ug/L			07/10/18 09:01	5
Chloroethane	1.6	U	5.0	1.6	ug/L			07/10/18 09:01	5
Chloroform	1.6	U	5.0	1.6	ug/L			07/10/18 09:01	5
Chloromethane	0.72	U	5.0	0.72	ug/L			07/10/18 09:01	5
cis-1,2-Dichloroethene	2.1	J	5.0	1.1	ug/L			07/10/18 09:01	5
cis-1,3-Dichloropropene	2.3	U	5.0	2.3	ug/L			07/10/18 09:01	5
Cyclohexane	1.6	U	5.0	1.6	ug/L			07/10/18 09:01	5
Dichlorobromomethane	1.7	U	5.0	1.7	ug/L			07/10/18 09:01	5
Dichlorodifluoromethane	0.61	U	5.0	0.61	ug/L			07/10/18 09:01	5
Ethylbenzene	1.5	U	5.0	1.5	ug/L			07/10/18 09:01	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			07/10/18 09:01	5
Isopropylbenzene	1.7	U	5.0	1.7	ug/L			07/10/18 09:01	5
Methyl acetate	1.6	U	25	1.6	ug/L			07/10/18 09:01	5
Methyl tert-butyl ether	2.3	U	5.0	2.3	ug/L			07/10/18 09:01	5
Methylcyclohexane	1.3	U	5.0	1.3	ug/L			07/10/18 09:01	5
Methylene Chloride	1.6	U	5.0	1.6	ug/L			07/10/18 09:01	5
m-Xylene & p-Xylene	1.5	U	5.0	1.5	ug/L			07/10/18 09:01	5
o-Xylene	1.8	U	5.0	1.8	ug/L			07/10/18 09:01	5
Styrene	2.1	U	5.0	2.1	ug/L			07/10/18 09:01	5
Tetrachloroethene	1600		5.0	1.2	ug/L			07/10/18 09:01	5
Toluene	1.9	U	5.0	1.9	ug/L			07/10/18 09:01	5
trans-1,2-Dichloroethene	1.2	U	5.0	1.2	ug/L			07/10/18 09:01	5
trans-1,3-Dichloropropene	2.4	U	5.0	2.4	ug/L			07/10/18 09:01	5
Trichloroethene	33		5.0	1.6	ug/L			07/10/18 09:01	5
Trichlorofluoromethane	0.72	U	5.0	0.72	ug/L			07/10/18 09:01	5
Vinyl chloride	0.86	U	5.0	0.86	ug/L			07/10/18 09:01	5

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-14B 06262018

Lab Sample ID: 460-159568-1

Date Collected: 06/26/18 12:50

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	2.2	U	5.0	2.2	ug/L			07/10/18 09:01	5
1,2-Dichlorobenzene	2.2	U	5.0	2.2	ug/L			07/10/18 09:01	5
1,2-Dibromo-3-Chloropropane	1.9	U	5.0	1.9	ug/L			07/10/18 09:01	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		74 - 132		07/10/18 09:01	5
4-Bromofluorobenzene	112		77 - 124		07/10/18 09:01	5
Dibromofluoromethane (Surr)	109		72 - 131		07/10/18 09:01	5
Toluene-d8 (Surr)	103		80 - 120		07/10/18 09:01	5

Client Sample ID: FSMW-14A 06262018

Lab Sample ID: 460-159568-2

Date Collected: 06/26/18 10:05

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.2	U	5.0	1.2	ug/L			07/10/18 09:25	5
1,1,2,2-Tetrachloroethane	1.8	U	5.0	1.8	ug/L			07/10/18 09:25	5
1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	U	5.0	1.6	ug/L			07/10/18 09:25	5
1,1,2-Trichloroethane	2.2	U	5.0	2.2	ug/L			07/10/18 09:25	5
1,1-Dichloroethane	1.3	U	5.0	1.3	ug/L			07/10/18 09:25	5
1,1-Dichloroethene	0.59	U	5.0	0.59	ug/L			07/10/18 09:25	5
1,2,3-Trichlorobenzene	1.8	U	5.0	1.8	ug/L			07/10/18 09:25	5
1,2,4-Trichlorobenzene	1.8	U	5.0	1.8	ug/L			07/10/18 09:25	5
1,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			07/10/18 09:25	5
1,3-Dichlorobenzene	1.7	U	5.0	1.7	ug/L			07/10/18 09:25	5
1,4-Dichlorobenzene	3.8	U	5.0	3.8	ug/L			07/10/18 09:25	5
1,4-Dioxane	140	U	250	140	ug/L			07/10/18 09:25	5
2-Butanone (MEK)	9.3	U	25	9.3	ug/L			07/10/18 09:25	5
2-Hexanone	15	U	25	15	ug/L			07/10/18 09:25	5
4-Methyl-2-pentanone (MIBK)	14	U	25	14	ug/L			07/10/18 09:25	5
Acetone	25	U	25	25	ug/L			07/10/18 09:25	5
Benzene	2.1	U	5.0	2.1	ug/L			07/10/18 09:25	5
Bromoform	2.7	U	5.0	2.7	ug/L			07/10/18 09:25	5
Bromomethane	5.0	U	5.0	5.0	ug/L			07/10/18 09:25	5
Carbon disulfide	0.78	U	5.0	0.78	ug/L			07/10/18 09:25	5
Carbon tetrachloride	1.0	U	5.0	1.0	ug/L			07/10/18 09:25	5
Chlorobenzene	1.9	U	5.0	1.9	ug/L			07/10/18 09:25	5
Chlorobromomethane	2.1	U	5.0	2.1	ug/L			07/10/18 09:25	5
Chlorodibromomethane	1.4	U	5.0	1.4	ug/L			07/10/18 09:25	5
Chloroethane	1.6	U	5.0	1.6	ug/L			07/10/18 09:25	5
Chloroform	1.6	U	5.0	1.6	ug/L			07/10/18 09:25	5
Chloromethane	0.72	U	5.0	0.72	ug/L			07/10/18 09:25	5
cis-1,2-Dichloroethene	14		5.0	1.1	ug/L			07/10/18 09:25	5
cis-1,3-Dichloropropene	2.3	U	5.0	2.3	ug/L			07/10/18 09:25	5
Cyclohexane	1.6	U	5.0	1.6	ug/L			07/10/18 09:25	5
Dichlorobromomethane	1.7	U	5.0	1.7	ug/L			07/10/18 09:25	5
Dichlorodifluoromethane	0.61	U	5.0	0.61	ug/L			07/10/18 09:25	5
Ethylbenzene	1.5	U	5.0	1.5	ug/L			07/10/18 09:25	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			07/10/18 09:25	5

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-14A 06262018

Lab Sample ID: 460-159568-2

Date Collected: 06/26/18 10:05

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	1.7	U	5.0	1.7	ug/L			07/10/18 09:25	5
Methyl acetate	1.6	U	25	1.6	ug/L			07/10/18 09:25	5
Methyl tert-butyl ether	2.3	U	5.0	2.3	ug/L			07/10/18 09:25	5
Methylcyclohexane	1.3	U	5.0	1.3	ug/L			07/10/18 09:25	5
Methylene Chloride	1.6	U	5.0	1.6	ug/L			07/10/18 09:25	5
m-Xylene & p-Xylene	1.5	U	5.0	1.5	ug/L			07/10/18 09:25	5
o-Xylene	1.8	U	5.0	1.8	ug/L			07/10/18 09:25	5
Styrene	2.1	U	5.0	2.1	ug/L			07/10/18 09:25	5
Tetrachloroethene	1600		5.0	1.2	ug/L			07/10/18 09:25	5
Toluene	1.9	U	5.0	1.9	ug/L			07/10/18 09:25	5
trans-1,2-Dichloroethene	1.2	U	5.0	1.2	ug/L			07/10/18 09:25	5
trans-1,3-Dichloropropene	2.4	U	5.0	2.4	ug/L			07/10/18 09:25	5
Trichloroethene	45		5.0	1.6	ug/L			07/10/18 09:25	5
Trichlorofluoromethane	0.72	U	5.0	0.72	ug/L			07/10/18 09:25	5
Vinyl chloride	0.86	U	5.0	0.86	ug/L			07/10/18 09:25	5
1,2-Dichloroethane	2.2	U	5.0	2.2	ug/L			07/10/18 09:25	5
1,2-Dichlorobenzene	2.2	U	5.0	2.2	ug/L			07/10/18 09:25	5
1,2-Dibromo-3-Chloropropane	1.9	U	5.0	1.9	ug/L			07/10/18 09:25	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		74 - 132		07/10/18 09:25	5
4-Bromofluorobenzene	104		77 - 124		07/10/18 09:25	5
Dibromofluoromethane (Surr)	97		72 - 131		07/10/18 09:25	5
Toluene-d8 (Surr)	96		80 - 120		07/10/18 09:25	5

Client Sample ID: FSMW-2B 06272018

Lab Sample ID: 460-159568-3

Date Collected: 06/27/18 13:35

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/10/18 06:34	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/10/18 06:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/10/18 06:34	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 06:34	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/10/18 06:34	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/10/18 06:34	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/10/18 06:34	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/10/18 06:34	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/10/18 06:34	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/10/18 06:34	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/10/18 06:34	1
1,4-Dioxane	28	U	50	28	ug/L			07/10/18 06:34	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			07/10/18 06:34	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/10/18 06:34	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/10/18 06:34	1
Acetone	5.0	U	5.0	5.0	ug/L			07/10/18 06:34	1
Benzene	0.43	U	1.0	0.43	ug/L			07/10/18 06:34	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/10/18 06:34	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/10/18 06:34	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-2B 06272018

Lab Sample ID: 460-159568-3

Date Collected: 06/27/18 13:35

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/10/18 06:34	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/10/18 06:34	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/10/18 06:34	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/10/18 06:34	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/10/18 06:34	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/10/18 06:34	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/10/18 06:34	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/10/18 06:34	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/10/18 06:34	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/10/18 06:34	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/10/18 06:34	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/10/18 06:34	1
Dichlorodifluoromethane	0.12	U	1.0	0.12	ug/L			07/10/18 06:34	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/10/18 06:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/10/18 06:34	1
Isopropylbenzene	2.7		1.0	0.34	ug/L			07/10/18 06:34	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			07/10/18 06:34	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/10/18 06:34	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/10/18 06:34	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/10/18 06:34	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/10/18 06:34	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/10/18 06:34	1
Styrene	0.42	U	1.0	0.42	ug/L			07/10/18 06:34	1
Tetrachloroethene	0.71	J	1.0	0.25	ug/L			07/10/18 06:34	1
Toluene	0.38	U	1.0	0.38	ug/L			07/10/18 06:34	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/10/18 06:34	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/10/18 06:34	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/10/18 06:34	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			07/10/18 06:34	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/10/18 06:34	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 06:34	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/10/18 06:34	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/10/18 06:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		74 - 132		07/10/18 06:34	1
4-Bromofluorobenzene	108		77 - 124		07/10/18 06:34	1
Dibromofluoromethane (Surr)	104		72 - 131		07/10/18 06:34	1
Toluene-d8 (Surr)	98		80 - 120		07/10/18 06:34	1

Client Sample ID: FSMW-4B 06272018

Lab Sample ID: 460-159568-4

Date Collected: 06/27/18 10:45

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/10/18 06:59	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/10/18 06:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/10/18 06:59	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 06:59	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-4B 06272018

Lab Sample ID: 460-159568-4

Date Collected: 06/27/18 10:45

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/10/18 06:59	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/10/18 06:59	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/10/18 06:59	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/10/18 06:59	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/10/18 06:59	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/10/18 06:59	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/10/18 06:59	1
1,4-Dioxane	28	U	50	28	ug/L			07/10/18 06:59	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			07/10/18 06:59	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/10/18 06:59	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/10/18 06:59	1
Acetone	5.0	U	5.0	5.0	ug/L			07/10/18 06:59	1
Benzene	0.43	U	1.0	0.43	ug/L			07/10/18 06:59	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/10/18 06:59	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/10/18 06:59	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/10/18 06:59	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/10/18 06:59	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/10/18 06:59	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/10/18 06:59	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/10/18 06:59	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/10/18 06:59	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/10/18 06:59	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/10/18 06:59	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/10/18 06:59	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/10/18 06:59	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/10/18 06:59	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/10/18 06:59	1
Dichlorodifluoromethane	0.12	U	1.0	0.12	ug/L			07/10/18 06:59	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/10/18 06:59	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/10/18 06:59	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/10/18 06:59	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			07/10/18 06:59	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/10/18 06:59	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/10/18 06:59	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/10/18 06:59	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/10/18 06:59	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/10/18 06:59	1
Styrene	0.42	U	1.0	0.42	ug/L			07/10/18 06:59	1
Tetrachloroethene	6.8		1.0	0.25	ug/L			07/10/18 06:59	1
Toluene	0.38	U	1.0	0.38	ug/L			07/10/18 06:59	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/10/18 06:59	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/10/18 06:59	1
Trichloroethene	1.6		1.0	0.31	ug/L			07/10/18 06:59	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			07/10/18 06:59	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/10/18 06:59	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 06:59	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/10/18 06:59	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/10/18 06:59	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-4B 06272018

Lab Sample ID: 460-159568-4

Date Collected: 06/27/18 10:45

Matrix: Water

Date Received: 06/28/18 19:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		74 - 132		07/10/18 06:59	1
4-Bromofluorobenzene	103		77 - 124		07/10/18 06:59	1
Dibromofluoromethane (Surr)	99		72 - 131		07/10/18 06:59	1
Toluene-d8 (Surr)	94		80 - 120		07/10/18 06:59	1

Client Sample ID: FSMW-4A 06272018

Lab Sample ID: 460-159568-5

Date Collected: 06/27/18 11:40

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/10/18 07:23	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/10/18 07:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/10/18 07:23	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 07:23	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/10/18 07:23	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/10/18 07:23	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/10/18 07:23	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/10/18 07:23	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/10/18 07:23	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/10/18 07:23	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/10/18 07:23	1
1,4-Dioxane	28	U	50	28	ug/L			07/10/18 07:23	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			07/10/18 07:23	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/10/18 07:23	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/10/18 07:23	1
Acetone	5.0	U	5.0	5.0	ug/L			07/10/18 07:23	1
Benzene	0.43	U	1.0	0.43	ug/L			07/10/18 07:23	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/10/18 07:23	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/10/18 07:23	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/10/18 07:23	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/10/18 07:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/10/18 07:23	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/10/18 07:23	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/10/18 07:23	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/10/18 07:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/10/18 07:23	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/10/18 07:23	1
cis-1,2-Dichloroethene	3.7		1.0	0.22	ug/L			07/10/18 07:23	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/10/18 07:23	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/10/18 07:23	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/10/18 07:23	1
Dichlorodifluoromethane	0.12	U	1.0	0.12	ug/L			07/10/18 07:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/10/18 07:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/10/18 07:23	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/10/18 07:23	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			07/10/18 07:23	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/10/18 07:23	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/10/18 07:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/10/18 07:23	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-4A 06272018

Lab Sample ID: 460-159568-5

Date Collected: 06/27/18 11:40

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/10/18 07:23	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/10/18 07:23	1
Styrene	0.42	U	1.0	0.42	ug/L			07/10/18 07:23	1
Tetrachloroethene	57		1.0	0.25	ug/L			07/10/18 07:23	1
Toluene	0.38	U	1.0	0.38	ug/L			07/10/18 07:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/10/18 07:23	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/10/18 07:23	1
Trichloroethene	0.92 J		1.0	0.31	ug/L			07/10/18 07:23	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			07/10/18 07:23	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/10/18 07:23	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 07:23	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/10/18 07:23	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/10/18 07:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		74 - 132		07/10/18 07:23	1
4-Bromofluorobenzene	105		77 - 124		07/10/18 07:23	1
Dibromofluoromethane (Surr)	97		72 - 131		07/10/18 07:23	1
Toluene-d8 (Surr)	97		80 - 120		07/10/18 07:23	1

Client Sample ID: FSMW-2A 06272018

Lab Sample ID: 460-159568-6

Date Collected: 06/27/18 12:30

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/10/18 18:13	1
1,1,2,2-Tetrachloroethane	0.37	U *	1.0	0.37	ug/L			07/10/18 18:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/10/18 18:13	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 18:13	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/10/18 18:13	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/10/18 18:13	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/10/18 18:13	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/10/18 18:13	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/10/18 18:13	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/10/18 18:13	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/10/18 18:13	1
1,4-Dioxane	28	U	50	28	ug/L			07/10/18 18:13	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			07/10/18 18:13	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/10/18 18:13	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/10/18 18:13	1
Acetone	5.0	U	5.0	5.0	ug/L			07/10/18 18:13	1
Benzene	0.43	U	1.0	0.43	ug/L			07/10/18 18:13	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/10/18 18:13	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/10/18 18:13	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/10/18 18:13	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/10/18 18:13	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/10/18 18:13	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/10/18 18:13	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/10/18 18:13	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-2A 06272018

Lab Sample ID: 460-159568-6

Date Collected: 06/27/18 12:30

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.32	U	1.0	0.32	ug/L			07/10/18 18:13	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/10/18 18:13	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/10/18 18:13	1
cis-1,2-Dichloroethene	10		1.0	0.22	ug/L			07/10/18 18:13	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/10/18 18:13	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/10/18 18:13	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/10/18 18:13	1
Dichlorodifluoromethane	0.12	U	1.0	0.12	ug/L			07/10/18 18:13	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/10/18 18:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/10/18 18:13	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/10/18 18:13	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			07/10/18 18:13	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/10/18 18:13	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/10/18 18:13	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/10/18 18:13	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/10/18 18:13	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/10/18 18:13	1
Styrene	0.42	U	1.0	0.42	ug/L			07/10/18 18:13	1
Tetrachloroethene	200		1.0	0.25	ug/L			07/10/18 18:13	1
Toluene	0.38	U	1.0	0.38	ug/L			07/10/18 18:13	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/10/18 18:13	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/10/18 18:13	1
Trichloroethene	7.9		1.0	0.31	ug/L			07/10/18 18:13	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			07/10/18 18:13	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/10/18 18:13	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 18:13	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/10/18 18:13	1
1,2-Dibromo-3-Chloropropane	0.38	U *	1.0	0.38	ug/L			07/10/18 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		74 - 132					07/10/18 18:13	1
4-Bromofluorobenzene	108		77 - 124					07/10/18 18:13	1
Dibromofluoromethane (Surr)	100		72 - 131					07/10/18 18:13	1
Toluene-d8 (Surr)	92		80 - 120					07/10/18 18:13	1

Client Sample ID: FSMW-8A 06272018

Lab Sample ID: 460-159568-7

Date Collected: 06/27/18 09:05

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/10/18 07:48	1
1,1,2,2-Tetrachloroethane	0.37	U F1	1.0	0.37	ug/L			07/10/18 07:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/10/18 07:48	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 07:48	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/10/18 07:48	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/10/18 07:48	1
1,2,3-Trichlorobenzene	0.46	J	1.0	0.36	ug/L			07/10/18 07:48	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/10/18 07:48	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/10/18 07:48	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-8A 06272018

Lab Sample ID: 460-159568-7

Date Collected: 06/27/18 09:05

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/10/18 07:48	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/10/18 07:48	1
1,4-Dioxane	28	U	50	28	ug/L			07/10/18 07:48	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			07/10/18 07:48	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/10/18 07:48	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/10/18 07:48	1
Acetone	5.0	U	5.0	5.0	ug/L			07/10/18 07:48	1
Benzene	0.43	U	1.0	0.43	ug/L			07/10/18 07:48	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/10/18 07:48	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/10/18 07:48	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/10/18 07:48	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/10/18 07:48	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/10/18 07:48	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/10/18 07:48	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/10/18 07:48	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/10/18 07:48	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/10/18 07:48	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/10/18 07:48	1
cis-1,2-Dichloroethene	0.53	J	1.0	0.22	ug/L			07/10/18 07:48	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/10/18 07:48	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/10/18 07:48	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/10/18 07:48	1
Dichlorodifluoromethane	0.12	U	1.0	0.12	ug/L			07/10/18 07:48	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/10/18 07:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/10/18 07:48	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/10/18 07:48	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			07/10/18 07:48	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/10/18 07:48	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/10/18 07:48	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/10/18 07:48	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/10/18 07:48	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/10/18 07:48	1
Styrene	0.42	U	1.0	0.42	ug/L			07/10/18 07:48	1
Tetrachloroethene	16		1.0	0.25	ug/L			07/10/18 07:48	1
Toluene	0.38	U	1.0	0.38	ug/L			07/10/18 07:48	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/10/18 07:48	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/10/18 07:48	1
Trichloroethene	0.75	J	1.0	0.31	ug/L			07/10/18 07:48	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			07/10/18 07:48	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/10/18 07:48	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 07:48	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/10/18 07:48	1
1,2-Dibromo-3-Chloropropane	0.38	U F1	1.0	0.38	ug/L			07/10/18 07:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		74 - 132		07/10/18 07:48	1
4-Bromofluorobenzene	107		77 - 124		07/10/18 07:48	1
Dibromofluoromethane (Surr)	104		72 - 131		07/10/18 07:48	1
Toluene-d8 (Surr)	100		80 - 120		07/10/18 07:48	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: DUPLICATE-01-06272018

Lab Sample ID: 460-159568-8

Date Collected: 06/27/18 00:00

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/10/18 08:12	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/10/18 08:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/10/18 08:12	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 08:12	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/10/18 08:12	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/10/18 08:12	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/10/18 08:12	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/10/18 08:12	1
1,2-Dichloropropane	1.0		1.0	0.35	ug/L			07/10/18 08:12	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/10/18 08:12	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/10/18 08:12	1
1,4-Dioxane	28	U	50	28	ug/L			07/10/18 08:12	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			07/10/18 08:12	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/10/18 08:12	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/10/18 08:12	1
Acetone	5.0	U	5.0	5.0	ug/L			07/10/18 08:12	1
Benzene	0.43	U	1.0	0.43	ug/L			07/10/18 08:12	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/10/18 08:12	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/10/18 08:12	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/10/18 08:12	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/10/18 08:12	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/10/18 08:12	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/10/18 08:12	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/10/18 08:12	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/10/18 08:12	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/10/18 08:12	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/10/18 08:12	1
cis-1,2-Dichloroethene	6.3		1.0	0.22	ug/L			07/10/18 08:12	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/10/18 08:12	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/10/18 08:12	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/10/18 08:12	1
Dichlorodifluoromethane	0.67 J		1.0	0.12	ug/L			07/10/18 08:12	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/10/18 08:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/10/18 08:12	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/10/18 08:12	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			07/10/18 08:12	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/10/18 08:12	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/10/18 08:12	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/10/18 08:12	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/10/18 08:12	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/10/18 08:12	1
Styrene	0.42	U	1.0	0.42	ug/L			07/10/18 08:12	1
Tetrachloroethene	170		1.0	0.25	ug/L			07/10/18 08:12	1
Toluene	0.38	U	1.0	0.38	ug/L			07/10/18 08:12	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/10/18 08:12	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/10/18 08:12	1
Trichloroethene	6.5		1.0	0.31	ug/L			07/10/18 08:12	1
Trichlorofluoromethane	0.69 J		1.0	0.14	ug/L			07/10/18 08:12	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/10/18 08:12	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: DUPLICATE-01-06272018

Lab Sample ID: 460-159568-8

Date Collected: 06/27/18 00:00

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 08:12	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/10/18 08:12	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/10/18 08:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		74 - 132		07/10/18 08:12	1
4-Bromofluorobenzene	106		77 - 124		07/10/18 08:12	1
Dibromofluoromethane (Surr)	110		72 - 131		07/10/18 08:12	1
Toluene-d8 (Surr)	100		80 - 120		07/10/18 08:12	1

Client Sample ID: FSMW-13A 06272018

Lab Sample ID: 460-159568-9

Date Collected: 06/27/18 08:10

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/10/18 08:36	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/10/18 08:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/10/18 08:36	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 08:36	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/10/18 08:36	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/10/18 08:36	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/10/18 08:36	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/10/18 08:36	1
1,2-Dichloropropane	1.4		1.0	0.35	ug/L			07/10/18 08:36	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/10/18 08:36	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/10/18 08:36	1
1,4-Dioxane	28	U	50	28	ug/L			07/10/18 08:36	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			07/10/18 08:36	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/10/18 08:36	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/10/18 08:36	1
Acetone	5.0	U	5.0	5.0	ug/L			07/10/18 08:36	1
Benzene	0.43	U	1.0	0.43	ug/L			07/10/18 08:36	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/10/18 08:36	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/10/18 08:36	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/10/18 08:36	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/10/18 08:36	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/10/18 08:36	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/10/18 08:36	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/10/18 08:36	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/10/18 08:36	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/10/18 08:36	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/10/18 08:36	1
cis-1,2-Dichloroethene	6.9		1.0	0.22	ug/L			07/10/18 08:36	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/10/18 08:36	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/10/18 08:36	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/10/18 08:36	1
Dichlorodifluoromethane	0.80 J		1.0	0.12	ug/L			07/10/18 08:36	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/10/18 08:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/10/18 08:36	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-13A 06272018

Lab Sample ID: 460-159568-9

Date Collected: 06/27/18 08:10

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/10/18 08:36	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			07/10/18 08:36	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/10/18 08:36	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/10/18 08:36	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/10/18 08:36	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/10/18 08:36	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/10/18 08:36	1
Styrene	0.42	U	1.0	0.42	ug/L			07/10/18 08:36	1
Tetrachloroethene	200		1.0	0.25	ug/L			07/10/18 08:36	1
Toluene	0.38	U	1.0	0.38	ug/L			07/10/18 08:36	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/10/18 08:36	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/10/18 08:36	1
Trichloroethene	7.9		1.0	0.31	ug/L			07/10/18 08:36	1
Trichlorofluoromethane	0.67 J		1.0	0.14	ug/L			07/10/18 08:36	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/10/18 08:36	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 08:36	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/10/18 08:36	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/10/18 08:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		74 - 132		07/10/18 08:36	1
4-Bromofluorobenzene	126	X	77 - 124		07/10/18 08:36	1
Dibromofluoromethane (Surr)	120		72 - 131		07/10/18 08:36	1
Toluene-d8 (Surr)	115		80 - 120		07/10/18 08:36	1

Client Sample ID: TRIP BLANK 06262018

Lab Sample ID: 460-159568-10

Date Collected: 06/26/18 09:00

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/10/18 06:10	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/10/18 06:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/10/18 06:10	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 06:10	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/10/18 06:10	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/10/18 06:10	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/10/18 06:10	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/10/18 06:10	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/10/18 06:10	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/10/18 06:10	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/10/18 06:10	1
1,4-Dioxane	28	U	50	28	ug/L			07/10/18 06:10	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			07/10/18 06:10	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/10/18 06:10	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/10/18 06:10	1
Acetone	5.0	U	5.0	5.0	ug/L			07/10/18 06:10	1
Benzene	0.43	U	1.0	0.43	ug/L			07/10/18 06:10	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/10/18 06:10	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/10/18 06:10	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: TRIP BLANK 06262018

Lab Sample ID: 460-159568-10

Date Collected: 06/26/18 09:00

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/10/18 06:10	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/10/18 06:10	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/10/18 06:10	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/10/18 06:10	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/10/18 06:10	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/10/18 06:10	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/10/18 06:10	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/10/18 06:10	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/10/18 06:10	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/10/18 06:10	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/10/18 06:10	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/10/18 06:10	1
Dichlorodifluoromethane	0.12	U	1.0	0.12	ug/L			07/10/18 06:10	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/10/18 06:10	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/10/18 06:10	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/10/18 06:10	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			07/10/18 06:10	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/10/18 06:10	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/10/18 06:10	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/10/18 06:10	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/10/18 06:10	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/10/18 06:10	1
Styrene	0.42	U	1.0	0.42	ug/L			07/10/18 06:10	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/10/18 06:10	1
Toluene	0.38	U	1.0	0.38	ug/L			07/10/18 06:10	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/10/18 06:10	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/10/18 06:10	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/10/18 06:10	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			07/10/18 06:10	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/10/18 06:10	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 06:10	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/10/18 06:10	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/10/18 06:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		74 - 132		07/10/18 06:10	1
4-Bromofluorobenzene	103		77 - 124		07/10/18 06:10	1
Dibromofluoromethane (Surr)	99		72 - 131		07/10/18 06:10	1
Toluene-d8 (Surr)	97		80 - 120		07/10/18 06:10	1

Client Sample ID: EQUIPMENT 06262018

Lab Sample ID: 460-159568-11

Date Collected: 06/28/18 12:00

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/10/18 14:34	1
1,1,2,2-Tetrachloroethane	0.37	U *	1.0	0.37	ug/L			07/10/18 14:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/10/18 14:34	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 14:34	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: EQUIPMENT 06262018

Lab Sample ID: 460-159568-11

Date Collected: 06/28/18 12:00

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/10/18 14:34	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/10/18 14:34	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/10/18 14:34	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/10/18 14:34	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/10/18 14:34	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/10/18 14:34	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/10/18 14:34	1
1,4-Dioxane	28	U	50	28	ug/L			07/10/18 14:34	1
2-Butanone (MEK)	3.1	J	5.0	1.9	ug/L			07/10/18 14:34	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/10/18 14:34	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/10/18 14:34	1
Acetone	190		5.0	5.0	ug/L			07/10/18 14:34	1
Benzene	0.43	U	1.0	0.43	ug/L			07/10/18 14:34	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/10/18 14:34	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/10/18 14:34	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/10/18 14:34	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/10/18 14:34	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/10/18 14:34	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/10/18 14:34	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/10/18 14:34	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/10/18 14:34	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/10/18 14:34	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/10/18 14:34	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/10/18 14:34	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/10/18 14:34	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/10/18 14:34	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/10/18 14:34	1
Dichlorodifluoromethane	0.12	U	1.0	0.12	ug/L			07/10/18 14:34	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/10/18 14:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/10/18 14:34	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/10/18 14:34	1
Methyl acetate	0.65	J	5.0	0.31	ug/L			07/10/18 14:34	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/10/18 14:34	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/10/18 14:34	1
Methylene Chloride	0.36	J	1.0	0.32	ug/L			07/10/18 14:34	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/10/18 14:34	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/10/18 14:34	1
Styrene	0.42	U	1.0	0.42	ug/L			07/10/18 14:34	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/10/18 14:34	1
Toluene	0.38	U	1.0	0.38	ug/L			07/10/18 14:34	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/10/18 14:34	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/10/18 14:34	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/10/18 14:34	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			07/10/18 14:34	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/10/18 14:34	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 14:34	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/10/18 14:34	1
1,2-Dibromo-3-Chloropropane	0.38	U *	1.0	0.38	ug/L			07/10/18 14:34	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: EQUIPMENT 06262018

Lab Sample ID: 460-159568-11

Date Collected: 06/28/18 12:00

Matrix: Water

Date Received: 06/28/18 19:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		74 - 132		07/10/18 14:34	1
4-Bromofluorobenzene	105		77 - 124		07/10/18 14:34	1
Dibromofluoromethane (Surr)	97		72 - 131		07/10/18 14:34	1
Toluene-d8 (Surr)	94		80 - 120		07/10/18 14:34	1

Client Sample ID: FSMW-1A 06282018

Lab Sample ID: 460-159568-12

Date Collected: 06/28/18 11:40

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/11/18 04:45	1
1,1,2,2-Tetrachloroethane	0.37	U *	1.0	0.37	ug/L			07/11/18 04:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/11/18 04:45	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/11/18 04:45	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/11/18 04:45	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/11/18 04:45	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/11/18 04:45	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/11/18 04:45	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/11/18 04:45	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/11/18 04:45	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/11/18 04:45	1
1,4-Dioxane	28	U	50	28	ug/L			07/11/18 04:45	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			07/11/18 04:45	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/11/18 04:45	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/11/18 04:45	1
Acetone	5.0	U	5.0	5.0	ug/L			07/11/18 04:45	1
Benzene	0.43	U	1.0	0.43	ug/L			07/11/18 04:45	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/11/18 04:45	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/11/18 04:45	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/11/18 04:45	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/11/18 04:45	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/11/18 04:45	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/11/18 04:45	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/11/18 04:45	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/11/18 04:45	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/11/18 04:45	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/11/18 04:45	1
cis-1,2-Dichloroethene	69		1.0	0.22	ug/L			07/11/18 04:45	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/11/18 04:45	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/11/18 04:45	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/11/18 04:45	1
Dichlorodifluoromethane	0.12	U	1.0	0.12	ug/L			07/11/18 04:45	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/11/18 04:45	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/11/18 04:45	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/11/18 04:45	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			07/11/18 04:45	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/11/18 04:45	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/11/18 04:45	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/11/18 04:45	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-1A 06282018

Lab Sample ID: 460-159568-12

Date Collected: 06/28/18 11:40

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/11/18 04:45	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/11/18 04:45	1
Styrene	0.42	U	1.0	0.42	ug/L			07/11/18 04:45	1
Tetrachloroethene	180		1.0	0.25	ug/L			07/11/18 04:45	1
Toluene	0.38	U	1.0	0.38	ug/L			07/11/18 04:45	1
trans-1,2-Dichloroethene	0.34	J	1.0	0.24	ug/L			07/11/18 04:45	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/11/18 04:45	1
Trichloroethene	44		1.0	0.31	ug/L			07/11/18 04:45	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			07/11/18 04:45	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/11/18 04:45	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/11/18 04:45	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/11/18 04:45	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/11/18 04:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		74 - 132		07/11/18 04:45	1
4-Bromofluorobenzene	116		77 - 124		07/11/18 04:45	1
Dibromofluoromethane (Surr)	89		72 - 131		07/11/18 04:45	1
Toluene-d8 (Surr)	92		80 - 120		07/11/18 04:45	1

Client Sample ID: Q218WASTE 06282018

Lab Sample ID: 460-159568-13

Date Collected: 06/28/18 12:10

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/11/18 05:10	1
1,1,2,2-Tetrachloroethane	0.37	U *	1.0	0.37	ug/L			07/11/18 05:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/11/18 05:10	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/11/18 05:10	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/11/18 05:10	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/11/18 05:10	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/11/18 05:10	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/11/18 05:10	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/11/18 05:10	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/11/18 05:10	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/11/18 05:10	1
1,4-Dioxane	28	U	50	28	ug/L			07/11/18 05:10	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			07/11/18 05:10	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/11/18 05:10	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/11/18 05:10	1
Acetone	5.0	U	5.0	5.0	ug/L			07/11/18 05:10	1
Benzene	0.43	U	1.0	0.43	ug/L			07/11/18 05:10	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/11/18 05:10	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/11/18 05:10	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/11/18 05:10	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/11/18 05:10	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/11/18 05:10	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/11/18 05:10	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/11/18 05:10	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: Q218WASTE 06282018

Lab Sample ID: 460-159568-13

Date Collected: 06/28/18 12:10

Matrix: Water

Date Received: 06/28/18 19:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.32	U	1.0	0.32	ug/L			07/11/18 05:10	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/11/18 05:10	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/11/18 05:10	1
cis-1,2-Dichloroethene	1.9		1.0	0.22	ug/L			07/11/18 05:10	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/11/18 05:10	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/11/18 05:10	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/11/18 05:10	1
Dichlorodifluoromethane	0.12	U	1.0	0.12	ug/L			07/11/18 05:10	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/11/18 05:10	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/11/18 05:10	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/11/18 05:10	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			07/11/18 05:10	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/11/18 05:10	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/11/18 05:10	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/11/18 05:10	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/11/18 05:10	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/11/18 05:10	1
Styrene	0.42	U	1.0	0.42	ug/L			07/11/18 05:10	1
Tetrachloroethene	140		1.0	0.25	ug/L			07/11/18 05:10	1
Toluene	0.38	U	1.0	0.38	ug/L			07/11/18 05:10	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/11/18 05:10	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/11/18 05:10	1
Trichloroethene	4.5		1.0	0.31	ug/L			07/11/18 05:10	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			07/11/18 05:10	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/11/18 05:10	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/11/18 05:10	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/11/18 05:10	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/11/18 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		74 - 132					07/11/18 05:10	1
4-Bromofluorobenzene	129	X	77 - 124					07/11/18 05:10	1
Dibromofluoromethane (Surr)	105		72 - 131					07/11/18 05:10	1
Toluene-d8 (Surr)	103		80 - 120					07/11/18 05:10	1

Surrogate Summary

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (74-132)	BFB (77-124)	DBFM (72-131)	TOL (80-120)
460-159568-1	FSMW-14B 06262018	106	112	109	103
460-159568-2	FSMW-14A 06262018	96	104	97	96
460-159568-3	FSMW-2B 06272018	102	108	104	98
460-159568-4	FSMW-4B 06272018	98	103	99	94
460-159568-5	FSMW-4A 06272018	97	105	97	97
460-159568-6	FSMW-2A 06272018	98	108	100	92
460-159568-7	FSMW-8A 06272018	105	107	104	100
460-159568-7 MS	FSMW-8A 06272018	109	114	107	104
460-159568-7 MSD	FSMW-8A 06272018	120	132 X	117	118
460-159568-8	DUPLICATE-01-06272018	107	106	110	100
460-159568-9	FSMW-13A 06272018	121	126 X	120	115
460-159568-10	TRIP BLANK 06262018	98	103	99	97
460-159568-11	EQUIPMENT 06262018	97	105	97	94
460-159568-12	FSMW-1A 06282018	90	116	89	92
460-159568-13	Q218WASTE 06282018	99	129 X	105	103
LCS 460-534820/3	Lab Control Sample	101	106	101	101
LCS 460-535008/3	Lab Control Sample	101	119	105	104
LCS 460-535140/3	Lab Control Sample	94	119	97	95
LCSD 460-535008/4	Lab Control Sample Dup	102	112	102	100
LCSD 460-535140/4	Lab Control Sample Dup	94	114	94	96
MB 460-534820/7	Method Blank	99	105	100	100
MB 460-535008/7	Method Blank	99	106	97	96
MB 460-535140/7	Method Blank	97	122	95	98

Surrogate Legend

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

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: MB 460-534820/7

Matrix: Water

Analysis Batch: 534820

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/10/18 02:04	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/10/18 02:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/10/18 02:04	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 02:04	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/10/18 02:04	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/10/18 02:04	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/10/18 02:04	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/10/18 02:04	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/10/18 02:04	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/10/18 02:04	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/10/18 02:04	1
1,4-Dioxane	28	U	50	28	ug/L			07/10/18 02:04	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			07/10/18 02:04	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/10/18 02:04	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/10/18 02:04	1
Acetone	5.0	U	5.0	5.0	ug/L			07/10/18 02:04	1
Benzene	0.43	U	1.0	0.43	ug/L			07/10/18 02:04	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/10/18 02:04	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/10/18 02:04	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/10/18 02:04	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/10/18 02:04	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/10/18 02:04	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/10/18 02:04	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/10/18 02:04	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/10/18 02:04	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/10/18 02:04	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/10/18 02:04	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/10/18 02:04	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/10/18 02:04	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/10/18 02:04	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/10/18 02:04	1
Dichlorodifluoromethane	0.12	U	1.0	0.12	ug/L			07/10/18 02:04	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/10/18 02:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/10/18 02:04	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/10/18 02:04	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			07/10/18 02:04	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/10/18 02:04	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/10/18 02:04	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/10/18 02:04	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/10/18 02:04	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/10/18 02:04	1
Styrene	0.42	U	1.0	0.42	ug/L			07/10/18 02:04	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/10/18 02:04	1
Toluene	0.38	U	1.0	0.38	ug/L			07/10/18 02:04	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/10/18 02:04	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/10/18 02:04	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/10/18 02:04	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			07/10/18 02:04	1

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: MB 460-534820/7

Matrix: Water

Analysis Batch: 534820

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/10/18 02:04	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 02:04	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/10/18 02:04	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/10/18 02:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		74 - 132		07/10/18 02:04	1
4-Bromofluorobenzene	105		77 - 124		07/10/18 02:04	1
Dibromofluoromethane (Surr)	100		72 - 131		07/10/18 02:04	1
Toluene-d8 (Surr)	100		80 - 120		07/10/18 02:04	1

Lab Sample ID: LCS 460-534820/3

Matrix: Water

Analysis Batch: 534820

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	20.0		ug/L		100	75 - 125
1,1,2,2-Tetrachloroethane	20.0	15.7		ug/L		79	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.8		ug/L		94	59 - 150
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	78 - 120
1,1-Dichloroethane	20.0	19.3		ug/L		96	77 - 123
1,1-Dichloroethene	20.0	19.6		ug/L		98	74 - 123
1,2,3-Trichlorobenzene	20.0	19.5		ug/L		98	78 - 131
1,2,4-Trichlorobenzene	20.0	19.0		ug/L		95	80 - 124
1,2-Dichloropropane	20.0	19.4		ug/L		97	77 - 123
1,3-Dichlorobenzene	20.0	18.3		ug/L		91	80 - 120
1,4-Dichlorobenzene	20.0	18.3		ug/L		92	80 - 120
1,4-Dioxane	400	408		ug/L		102	10 - 150
2-Butanone (MEK)	100	103		ug/L		103	64 - 120
2-Hexanone	100	98.8		ug/L		99	71 - 125
4-Methyl-2-pentanone (MIBK)	100	98.2		ug/L		98	78 - 124
Acetone	100	102		ug/L		102	39 - 150
Benzene	20.0	19.2		ug/L		96	77 - 121
Bromoform	20.0	20.8		ug/L		104	53 - 120
Bromomethane	20.0	20.8		ug/L		104	10 - 150
Carbon disulfide	20.0	18.3		ug/L		91	69 - 133
Carbon tetrachloride	20.0	19.0		ug/L		95	70 - 132
Chlorobenzene	20.0	18.6		ug/L		93	80 - 120
Chlorobromomethane	20.0	17.1		ug/L		85	77 - 127
Chlorodibromomethane	20.0	19.6		ug/L		98	73 - 120
Chloroethane	20.0	20.1		ug/L		100	52 - 150
Chloroform	20.0	19.8		ug/L		99	80 - 120
Chloromethane	20.0	20.2		ug/L		101	56 - 131
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	80 - 120
cis-1,3-Dichloropropene	20.0	19.2		ug/L		96	77 - 120
Cyclohexane	20.0	18.7		ug/L		94	56 - 150
Dichlorobromomethane	20.0	18.6		ug/L		93	76 - 120

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: LCS 460-534820/3

Matrix: Water

Analysis Batch: 534820

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	20.0	21.1		ug/L		105	50 - 131
Ethylbenzene	20.0	18.7		ug/L		93	80 - 120
Ethylene Dibromide	20.0	19.8		ug/L		99	80 - 120
Isopropylbenzene	20.0	19.5		ug/L		97	80 - 123
Methyl acetate	40.0	43.2		ug/L		108	66 - 144
Methyl tert-butyl ether	20.0	20.9		ug/L		104	79 - 122
Methylcyclohexane	20.0	18.3		ug/L		91	61 - 145
Methylene Chloride	20.0	19.6		ug/L		98	77 - 123
m-Xylene & p-Xylene	20.0	18.6		ug/L		93	80 - 120
o-Xylene	20.0	18.6		ug/L		93	80 - 120
Styrene	20.0	18.0		ug/L		90	80 - 120
Tetrachloroethene	20.0	17.4		ug/L		87	78 - 122
Toluene	20.0	18.5		ug/L		93	80 - 120
trans-1,2-Dichloroethene	20.0	16.7		ug/L		83	79 - 120
trans-1,3-Dichloropropene	20.0	19.4		ug/L		97	76 - 120
Trichloroethene	20.0	17.9		ug/L		90	77 - 120
Trichlorofluoromethane	20.0	20.4		ug/L		102	71 - 143
Vinyl chloride	20.0	20.9		ug/L		104	62 - 138
1,2-Dichloroethane	20.0	20.4		ug/L		102	76 - 121
1,2-Dichlorobenzene	20.0	19.0		ug/L		95	80 - 120
1,2-Dibromo-3-Chloropropane	20.0	16.2		ug/L		81	55 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		74 - 132
4-Bromofluorobenzene	106		77 - 124
Dibromofluoromethane (Surr)	101		72 - 131
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 460-159568-7 MS

Matrix: Water

Analysis Batch: 534820

Client Sample ID: FSMW-8A 06272018

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.24	U	20.0	20.3		ug/L		102	75 - 125
1,1,2,2-Tetrachloroethane	0.37	U F1	20.0	6.74	F1	ug/L		34	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	19.7		ug/L		98	59 - 150
1,1,2-Trichloroethane	0.43	U	20.0	19.8		ug/L		99	78 - 120
1,1-Dichloroethane	0.26	U	20.0	20.4		ug/L		102	77 - 123
1,1-Dichloroethene	0.12	U	20.0	19.5		ug/L		98	74 - 123
1,2,3-Trichlorobenzene	0.46	J	20.0	17.7		ug/L		86	78 - 131
1,2,4-Trichlorobenzene	0.37	U	20.0	17.6		ug/L		88	80 - 124
1,2-Dichloropropane	0.35	U	20.0	20.4		ug/L		102	77 - 123
1,3-Dichlorobenzene	0.34	U	20.0	18.1		ug/L		91	80 - 120
1,4-Dichlorobenzene	0.76	U	20.0	17.8		ug/L		89	80 - 120
1,4-Dioxane	28	U	400	388		ug/L		97	10 - 150
2-Butanone (MEK)	1.9	U	100	98.2		ug/L		98	64 - 120
2-Hexanone	2.9	U	100	94.6		ug/L		95	71 - 125

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: 460-159568-7 MS

Matrix: Water

Analysis Batch: 534820

Client Sample ID: FSMW-8A 06272018

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	2.7	U	100	98.6		ug/L		99	78 - 124
Acetone	5.0	U	100	96.4		ug/L		96	39 - 150
Benzene	0.43	U	20.0	19.7		ug/L		98	77 - 121
Bromoform	0.54	U	20.0	18.2		ug/L		91	53 - 120
Bromomethane	1.0	U	20.0	21.2		ug/L		106	10 - 150
Carbon disulfide	0.16	U	20.0	18.2		ug/L		91	69 - 133
Carbon tetrachloride	0.21	U	20.0	19.9		ug/L		99	70 - 132
Chlorobenzene	0.38	U	20.0	19.1		ug/L		95	80 - 120
Chlorobromomethane	0.41	U	20.0	17.9		ug/L		89	77 - 127
Chlorodibromomethane	0.28	U	20.0	19.8		ug/L		99	73 - 120
Chloroethane	0.32	U	20.0	20.9		ug/L		104	52 - 150
Chloroform	0.33	U	20.0	20.8		ug/L		104	80 - 120
Chloromethane	0.14	U	20.0	21.1		ug/L		106	56 - 131
cis-1,2-Dichloroethene	0.53	J	20.0	20.2		ug/L		99	80 - 120
cis-1,3-Dichloropropene	0.46	U	20.0	18.9		ug/L		95	77 - 120
Cyclohexane	0.32	U	20.0	18.5		ug/L		93	56 - 150
Dichlorobromomethane	0.34	U	20.0	19.6		ug/L		98	76 - 120
Dichlorodifluoromethane	0.12	U	20.0	21.7		ug/L		108	50 - 131
Ethylbenzene	0.30	U	20.0	19.4		ug/L		97	80 - 120
Ethylene Dibromide	0.50	U	20.0	19.8		ug/L		99	80 - 120
Isopropylbenzene	0.34	U	20.0	18.8		ug/L		94	80 - 123
Methyl acetate	0.31	U	40.0	39.2		ug/L		98	66 - 144
Methyl tert-butyl ether	0.47	U	20.0	19.6		ug/L		98	79 - 122
Methylcyclohexane	0.26	U	20.0	18.0		ug/L		90	61 - 145
Methylene Chloride	0.32	U	20.0	19.8		ug/L		99	77 - 123
m-Xylene & p-Xylene	0.30	U	20.0	18.6		ug/L		93	80 - 120
o-Xylene	0.36	U	20.0	18.8		ug/L		94	80 - 120
Styrene	0.42	U	20.0	18.7		ug/L		93	80 - 120
Tetrachloroethene	16		20.0	33.0		ug/L		84	78 - 122
Toluene	0.38	U	20.0	19.2		ug/L		96	80 - 120
trans-1,2-Dichloroethene	0.24	U	20.0	17.6		ug/L		88	79 - 120
trans-1,3-Dichloropropene	0.49	U	20.0	19.2		ug/L		96	76 - 120
Trichloroethene	0.75	J	20.0	19.2		ug/L		92	77 - 120
Trichlorofluoromethane	0.14	U	20.0	21.3		ug/L		107	71 - 143
Vinyl chloride	0.17	U	20.0	20.9		ug/L		104	62 - 138
1,2-Dichloroethane	0.43	U	20.0	21.8		ug/L		109	76 - 121
1,2-Dichlorobenzene	0.43	U	20.0	18.7		ug/L		93	80 - 120
1,2-Dibromo-3-Chloropropane	0.38	U F1	20.0	6.08	F1	ug/L		30	55 - 134

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	109		74 - 132
4-Bromofluorobenzene	114		77 - 124
Dibromofluoromethane (Surr)	107		72 - 131
Toluene-d8 (Surr)	104		80 - 120

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: 460-159568-7 MSD

Matrix: Water

Analysis Batch: 534820

Client Sample ID: FSMW-8A 06272018

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.24	U	20.0	21.9		ug/L		109	75 - 125	7	30
1,1,2,2-Tetrachloroethane	0.37	U F1	20.0	7.64	F1	ug/L		38	74 - 120	13	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	20.9		ug/L		105	59 - 150	6	30
1,1,2-Trichloroethane	0.43	U	20.0	24.1		ug/L		120	78 - 120	19	30
1,1-Dichloroethane	0.26	U	20.0	22.7		ug/L		113	77 - 123	10	30
1,1-Dichloroethene	0.12	U	20.0	21.2		ug/L		106	74 - 123	8	30
1,2,3-Trichlorobenzene	0.46	J	20.0	22.2		ug/L		108	78 - 131	22	30
1,2,4-Trichlorobenzene	0.37	U	20.0	20.5		ug/L		103	80 - 124	15	30
1,2-Dichloropropane	0.35	U	20.0	22.3		ug/L		111	77 - 123	9	30
1,3-Dichlorobenzene	0.34	U	20.0	21.4		ug/L		107	80 - 120	17	30
1,4-Dichlorobenzene	0.76	U	20.0	20.6		ug/L		103	80 - 120	15	30
1,4-Dioxane	28	U	400	432		ug/L		108	10 - 150	11	30
2-Butanone (MEK)	1.9	U	100	104		ug/L		104	64 - 120	6	30
2-Hexanone	2.9	U	100	106		ug/L		106	71 - 125	12	30
4-Methyl-2-pentanone (MIBK)	2.7	U	100	110		ug/L		110	78 - 124	11	30
Acetone	5.0	U	100	112		ug/L		112	39 - 150	15	30
Benzene	0.43	U	20.0	21.7		ug/L		108	77 - 121	10	30
Bromoform	0.54	U	20.0	20.0		ug/L		100	53 - 120	9	30
Bromomethane	1.0	U	20.0	23.8		ug/L		119	10 - 150	12	30
Carbon disulfide	0.16	U	20.0	19.9		ug/L		99	69 - 133	9	30
Carbon tetrachloride	0.21	U	20.0	22.5		ug/L		113	70 - 132	12	30
Chlorobenzene	0.38	U	20.0	21.6		ug/L		108	80 - 120	12	30
Chlorobromomethane	0.41	U	20.0	18.9		ug/L		94	77 - 127	5	30
Chlorodibromomethane	0.28	U	20.0	22.2		ug/L		111	73 - 120	12	30
Chloroethane	0.32	U	20.0	23.7		ug/L		118	52 - 150	12	30
Chloroform	0.33	U	20.0	22.4		ug/L		112	80 - 120	8	30
Chloromethane	0.14	U	20.0	23.7		ug/L		118	56 - 131	12	30
cis-1,2-Dichloroethene	0.53	J	20.0	21.7		ug/L		106	80 - 120	7	30
cis-1,3-Dichloropropene	0.46	U	20.0	21.1		ug/L		105	77 - 120	11	30
Cyclohexane	0.32	U	20.0	20.3		ug/L		102	56 - 150	9	30
Dichlorobromomethane	0.34	U	20.0	21.6		ug/L		108	76 - 120	9	30
Dichlorodifluoromethane	0.12	U	20.0	24.5		ug/L		123	50 - 131	12	30
Ethylbenzene	0.30	U	20.0	21.4		ug/L		107	80 - 120	10	30
Ethylene Dibromide	0.50	U	20.0	21.9		ug/L		110	80 - 120	10	30
Isopropylbenzene	0.34	U	20.0	20.9		ug/L		104	80 - 123	11	30
Methyl acetate	0.31	U	40.0	44.9		ug/L		112	66 - 144	14	30
Methyl tert-butyl ether	0.47	U	20.0	22.9		ug/L		115	79 - 122	15	30
Methylcyclohexane	0.26	U	20.0	20.0		ug/L		100	61 - 145	11	30
Methylene Chloride	0.32	U	20.0	22.2		ug/L		111	77 - 123	11	30
m-Xylene & p-Xylene	0.30	U	20.0	21.1		ug/L		105	80 - 120	13	30
o-Xylene	0.36	U	20.0	20.3		ug/L		102	80 - 120	8	30
Styrene	0.42	U	20.0	21.0		ug/L		105	80 - 120	11	30
Tetrachloroethene	16		20.0	36.6		ug/L		103	78 - 122	10	30
Toluene	0.38	U	20.0	21.4		ug/L		107	80 - 120	11	30
trans-1,2-Dichloroethene	0.24	U	20.0	18.6		ug/L		93	79 - 120	6	30
trans-1,3-Dichloropropene	0.49	U	20.0	21.5		ug/L		108	76 - 120	11	30
Trichloroethene	0.75	J	20.0	21.7		ug/L		105	77 - 120	12	30

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: 460-159568-7 MSD

Matrix: Water

Analysis Batch: 534820

Client Sample ID: FSMW-8A 06272018

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichlorofluoromethane	0.14	U	20.0	23.6		ug/L		118	71 - 143	10	30
Vinyl chloride	0.17	U	20.0	23.8		ug/L		119	62 - 138	13	30
1,2-Dichloroethane	0.43	U	20.0	23.3		ug/L		117	76 - 121	7	30
1,2-Dichlorobenzene	0.43	U	20.0	21.6		ug/L		108	80 - 120	15	30
1,2-Dibromo-3-Chloropropane	0.38	U F1	20.0	7.44	F1	ug/L		37	55 - 134	20	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	120		74 - 132
4-Bromofluorobenzene	132	X	77 - 124
Dibromofluoromethane (Surr)	117		72 - 131
Toluene-d8 (Surr)	118		80 - 120

Lab Sample ID: MB 460-535008/7

Matrix: Water

Analysis Batch: 535008

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/10/18 13:56	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/10/18 13:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/10/18 13:56	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 13:56	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/10/18 13:56	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/10/18 13:56	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/10/18 13:56	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/10/18 13:56	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/10/18 13:56	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/10/18 13:56	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/10/18 13:56	1
1,4-Dioxane	28	U	50	28	ug/L			07/10/18 13:56	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			07/10/18 13:56	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/10/18 13:56	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/10/18 13:56	1
Acetone	5.0	U	5.0	5.0	ug/L			07/10/18 13:56	1
Benzene	0.43	U	1.0	0.43	ug/L			07/10/18 13:56	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/10/18 13:56	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/10/18 13:56	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/10/18 13:56	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/10/18 13:56	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/10/18 13:56	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/10/18 13:56	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/10/18 13:56	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/10/18 13:56	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/10/18 13:56	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/10/18 13:56	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/10/18 13:56	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/10/18 13:56	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/10/18 13:56	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/10/18 13:56	1

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: MB 460-535008/7

Matrix: Water

Analysis Batch: 535008

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.12	U	1.0	0.12	ug/L			07/10/18 13:56	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/10/18 13:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/10/18 13:56	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/10/18 13:56	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			07/10/18 13:56	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/10/18 13:56	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/10/18 13:56	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/10/18 13:56	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/10/18 13:56	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/10/18 13:56	1
Styrene	0.42	U	1.0	0.42	ug/L			07/10/18 13:56	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/10/18 13:56	1
Toluene	0.38	U	1.0	0.38	ug/L			07/10/18 13:56	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/10/18 13:56	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/10/18 13:56	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/10/18 13:56	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			07/10/18 13:56	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/10/18 13:56	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/10/18 13:56	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/10/18 13:56	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/10/18 13:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		74 - 132		07/10/18 13:56	1
4-Bromofluorobenzene	106		77 - 124		07/10/18 13:56	1
Dibromofluoromethane (Surr)	97		72 - 131		07/10/18 13:56	1
Toluene-d8 (Surr)	96		80 - 120		07/10/18 13:56	1

Lab Sample ID: LCS 460-535008/3

Matrix: Water

Analysis Batch: 535008

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	75 - 125
1,1,2,2-Tetrachloroethane	20.0	16.8		ug/L		84	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9		ug/L		99	59 - 150
1,1,2-Trichloroethane	20.0	20.8		ug/L		104	78 - 120
1,1-Dichloroethane	20.0	20.8		ug/L		104	77 - 123
1,1-Dichloroethene	20.0	19.2		ug/L		96	74 - 123
1,2,3-Trichlorobenzene	20.0	19.1		ug/L		96	78 - 131
1,2,4-Trichlorobenzene	20.0	19.1		ug/L		96	80 - 124
1,2-Dichloropropane	20.0	20.8		ug/L		104	77 - 123
1,3-Dichlorobenzene	20.0	18.2		ug/L		91	80 - 120
1,4-Dichlorobenzene	20.0	18.9		ug/L		95	80 - 120
1,4-Dioxane	400	442		ug/L		110	10 - 150
2-Butanone (MEK)	100	103		ug/L		103	64 - 120
2-Hexanone	100	97.6		ug/L		98	71 - 125

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: LCS 460-535008/3

Matrix: Water

Analysis Batch: 535008

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	100	95.8		ug/L		96	78 - 124
Acetone	100	96.8		ug/L		97	39 - 150
Benzene	20.0	19.5		ug/L		97	77 - 121
Bromoform	20.0	20.7		ug/L		103	53 - 120
Bromomethane	20.0	20.0		ug/L		100	10 - 150
Carbon disulfide	20.0	18.1		ug/L		91	69 - 133
Carbon tetrachloride	20.0	20.8		ug/L		104	70 - 132
Chlorobenzene	20.0	19.4		ug/L		97	80 - 120
Chlorobromomethane	20.0	17.2		ug/L		86	77 - 127
Chlorodibromomethane	20.0	19.5		ug/L		98	73 - 120
Chloroethane	20.0	20.4		ug/L		102	52 - 150
Chloroform	20.0	20.1		ug/L		101	80 - 120
Chloromethane	20.0	18.4		ug/L		92	56 - 131
cis-1,2-Dichloroethene	20.0	19.9		ug/L		100	80 - 120
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	77 - 120
Cyclohexane	20.0	19.7		ug/L		99	56 - 150
Dichlorobromomethane	20.0	19.7		ug/L		98	76 - 120
Dichlorodifluoromethane	20.0	20.1		ug/L		100	50 - 131
Ethylbenzene	20.0	19.2		ug/L		96	80 - 120
Ethylene Dibromide	20.0	20.1		ug/L		101	80 - 120
Isopropylbenzene	20.0	19.3		ug/L		97	80 - 123
Methyl acetate	40.0	41.2		ug/L		103	66 - 144
Methyl tert-butyl ether	20.0	21.0		ug/L		105	79 - 122
Methylcyclohexane	20.0	18.7		ug/L		93	61 - 145
Methylene Chloride	20.0	19.4		ug/L		97	77 - 123
m-Xylene & p-Xylene	20.0	19.4		ug/L		97	80 - 120
o-Xylene	20.0	18.6		ug/L		93	80 - 120
Styrene	20.0	19.8		ug/L		99	80 - 120
Tetrachloroethene	20.0	19.3		ug/L		96	78 - 122
Toluene	20.0	19.2		ug/L		96	80 - 120
trans-1,2-Dichloroethene	20.0	17.5		ug/L		87	79 - 120
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	76 - 120
Trichloroethene	20.0	19.7		ug/L		99	77 - 120
Trichlorofluoromethane	20.0	19.9		ug/L		100	71 - 143
Vinyl chloride	20.0	19.4		ug/L		97	62 - 138
1,2-Dichloroethane	20.0	21.9		ug/L		110	76 - 121
1,2-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 120
1,2-Dibromo-3-Chloropropane	20.0	16.3		ug/L		82	55 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		74 - 132
4-Bromofluorobenzene	119		77 - 124
Dibromofluoromethane (Surr)	105		72 - 131
Toluene-d8 (Surr)	104		80 - 120

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: LCSD 460-535008/4

Matrix: Water

Analysis Batch: 535008

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	20.4		ug/L		102	75 - 125	3	30
1,1,2,2-Tetrachloroethane	20.0	10.4	*	ug/L		52	74 - 120	47	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.1		ug/L		100	59 - 150	1	30
1,1,2-Trichloroethane	20.0	19.4		ug/L		97	78 - 120	7	30
1,1-Dichloroethane	20.0	19.9		ug/L		99	77 - 123	5	30
1,1-Dichloroethene	20.0	19.8		ug/L		99	74 - 123	3	30
1,2,3-Trichlorobenzene	20.0	20.0		ug/L		100	78 - 131	5	30
1,2,4-Trichlorobenzene	20.0	19.1		ug/L		96	80 - 124	0	30
1,2-Dichloropropane	20.0	20.5		ug/L		102	77 - 123	1	30
1,3-Dichlorobenzene	20.0	19.5		ug/L		97	80 - 120	7	30
1,4-Dichlorobenzene	20.0	19.1		ug/L		96	80 - 120	1	30
1,4-Dioxane	400	400		ug/L		100	10 - 150	10	30
2-Butanone (MEK)	100	103		ug/L		103	64 - 120	0	30
2-Hexanone	100	98.7		ug/L		99	71 - 125	1	30
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	78 - 124	8	30
Acetone	100	100		ug/L		100	39 - 150	4	30
Benzene	20.0	20.0		ug/L		100	77 - 121	3	30
Bromoform	20.0	19.5		ug/L		97	53 - 120	6	30
Bromomethane	20.0	19.0		ug/L		95	10 - 150	6	30
Carbon disulfide	20.0	18.4		ug/L		92	69 - 133	2	30
Carbon tetrachloride	20.0	20.9		ug/L		104	70 - 132	0	30
Chlorobenzene	20.0	19.3		ug/L		97	80 - 120	0	30
Chlorobromomethane	20.0	17.1		ug/L		85	77 - 127	1	30
Chlorodibromomethane	20.0	20.6		ug/L		103	73 - 120	5	30
Chloroethane	20.0	20.2		ug/L		101	52 - 150	1	30
Chloroform	20.0	20.2		ug/L		101	80 - 120	0	30
Chloromethane	20.0	18.3		ug/L		91	56 - 131	1	30
cis-1,2-Dichloroethene	20.0	19.8		ug/L		99	80 - 120	1	30
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	77 - 120	2	30
Cyclohexane	20.0	20.0		ug/L		100	56 - 150	2	30
Dichlorobromomethane	20.0	19.7		ug/L		98	76 - 120	0	30
Dichlorodifluoromethane	20.0	20.1		ug/L		100	50 - 131	0	30
Ethylbenzene	20.0	19.4		ug/L		97	80 - 120	1	30
Ethylene Dibromide	20.0	20.2		ug/L		101	80 - 120	0	30
Isopropylbenzene	20.0	20.5		ug/L		102	80 - 123	6	30
Methyl acetate	40.0	42.4		ug/L		106	66 - 144	3	30
Methyl tert-butyl ether	20.0	21.1		ug/L		105	79 - 122	0	30
Methylcyclohexane	20.0	19.9		ug/L		99	61 - 145	6	30
Methylene Chloride	20.0	20.3		ug/L		102	77 - 123	4	30
m-Xylene & p-Xylene	20.0	19.8		ug/L		99	80 - 120	2	30
o-Xylene	20.0	20.1		ug/L		101	80 - 120	8	30
Styrene	20.0	19.0		ug/L		95	80 - 120	4	30
Tetrachloroethene	20.0	19.6		ug/L		98	78 - 122	2	30
Toluene	20.0	19.3		ug/L		96	80 - 120	0	30
trans-1,2-Dichloroethene	20.0	16.9		ug/L		85	79 - 120	3	30
trans-1,3-Dichloropropene	20.0	20.3		ug/L		102	76 - 120	1	30
Trichloroethene	20.0	19.6		ug/L		98	77 - 120	1	30

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: LCSD 460-535008/4

Matrix: Water

Analysis Batch: 535008

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichlorofluoromethane	20.0	21.1		ug/L		106	71 - 143	6	30
Vinyl chloride	20.0	19.2		ug/L		96	62 - 138	1	30
1,2-Dichloroethane	20.0	21.9		ug/L		109	76 - 121	0	30
1,2-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 120	0	30
1,2-Dibromo-3-Chloropropane	20.0	9.79	*	ug/L		49	55 - 134	50	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		74 - 132
4-Bromofluorobenzene	112		77 - 124
Dibromofluoromethane (Surr)	102		72 - 131
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: MB 460-535140/7

Matrix: Water

Analysis Batch: 535140

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/11/18 00:39	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/11/18 00:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			07/11/18 00:39	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/11/18 00:39	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/11/18 00:39	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			07/11/18 00:39	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/11/18 00:39	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/11/18 00:39	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/11/18 00:39	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/11/18 00:39	1
1,4-Dichlorobenzene	0.76	U	1.0	0.76	ug/L			07/11/18 00:39	1
1,4-Dioxane	28	U	50	28	ug/L			07/11/18 00:39	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			07/11/18 00:39	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			07/11/18 00:39	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			07/11/18 00:39	1
Acetone	5.0	U	5.0	5.0	ug/L			07/11/18 00:39	1
Benzene	0.43	U	1.0	0.43	ug/L			07/11/18 00:39	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/11/18 00:39	1
Bromomethane	1.0	U	1.0	1.0	ug/L			07/11/18 00:39	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			07/11/18 00:39	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/11/18 00:39	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/11/18 00:39	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			07/11/18 00:39	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			07/11/18 00:39	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/11/18 00:39	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/11/18 00:39	1
Chloromethane	0.14	U	1.0	0.14	ug/L			07/11/18 00:39	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/11/18 00:39	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			07/11/18 00:39	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/11/18 00:39	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			07/11/18 00:39	1

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: MB 460-535140/7

Matrix: Water

Analysis Batch: 535140

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.12	U	1.0	0.12	ug/L			07/11/18 00:39	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/11/18 00:39	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/11/18 00:39	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/11/18 00:39	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			07/11/18 00:39	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/11/18 00:39	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/11/18 00:39	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/11/18 00:39	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/11/18 00:39	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/11/18 00:39	1
Styrene	0.42	U	1.0	0.42	ug/L			07/11/18 00:39	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/11/18 00:39	1
Toluene	0.38	U	1.0	0.38	ug/L			07/11/18 00:39	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/11/18 00:39	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/11/18 00:39	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/11/18 00:39	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			07/11/18 00:39	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/11/18 00:39	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/11/18 00:39	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/11/18 00:39	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/11/18 00:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		74 - 132		07/11/18 00:39	1
4-Bromofluorobenzene	122		77 - 124		07/11/18 00:39	1
Dibromofluoromethane (Surr)	95		72 - 131		07/11/18 00:39	1
Toluene-d8 (Surr)	98		80 - 120		07/11/18 00:39	1

Lab Sample ID: LCS 460-535140/3

Matrix: Water

Analysis Batch: 535140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	75 - 125
1,1,2,2-Tetrachloroethane	20.0	13.2	*	ug/L		66	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.9		ug/L		110	59 - 150
1,1,2-Trichloroethane	20.0	21.3		ug/L		106	78 - 120
1,1-Dichloroethane	20.0	20.5		ug/L		103	77 - 123
1,1-Dichloroethene	20.0	21.2		ug/L		106	74 - 123
1,2,3-Trichlorobenzene	20.0	19.0		ug/L		95	78 - 131
1,2,4-Trichlorobenzene	20.0	19.3		ug/L		96	80 - 124
1,2-Dichloropropane	20.0	19.8		ug/L		99	77 - 123
1,3-Dichlorobenzene	20.0	18.3		ug/L		92	80 - 120
1,4-Dichlorobenzene	20.0	19.0		ug/L		95	80 - 120
1,4-Dioxane	400	423		ug/L		106	10 - 150
2-Butanone (MEK)	100	99.1		ug/L		99	64 - 120
2-Hexanone	100	95.2		ug/L		95	71 - 125

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: LCS 460-535140/3

Matrix: Water

Analysis Batch: 535140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	100	98.1		ug/L		98	78 - 124
Acetone	100	101		ug/L		101	39 - 150
Benzene	20.0	20.0		ug/L		100	77 - 121
Bromoform	20.0	20.8		ug/L		104	53 - 120
Bromomethane	20.0	18.9		ug/L		95	10 - 150
Carbon disulfide	20.0	19.2		ug/L		96	69 - 133
Carbon tetrachloride	20.0	20.6		ug/L		103	70 - 132
Chlorobenzene	20.0	19.2		ug/L		96	80 - 120
Chlorobromomethane	20.0	18.1		ug/L		91	77 - 127
Chlorodibromomethane	20.0	20.0		ug/L		100	73 - 120
Chloroethane	20.0	20.4		ug/L		102	52 - 150
Chloroform	20.0	19.9		ug/L		100	80 - 120
Chloromethane	20.0	18.6		ug/L		93	56 - 131
cis-1,2-Dichloroethene	20.0	20.3		ug/L		101	80 - 120
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	77 - 120
Cyclohexane	20.0	20.8		ug/L		104	56 - 150
Dichlorobromomethane	20.0	19.6		ug/L		98	76 - 120
Dichlorodifluoromethane	20.0	20.8		ug/L		104	50 - 131
Ethylbenzene	20.0	19.7		ug/L		99	80 - 120
Ethylene Dibromide	20.0	20.8		ug/L		104	80 - 120
Isopropylbenzene	20.0	18.8		ug/L		94	80 - 123
Methyl acetate	40.0	48.1		ug/L		120	66 - 144
Methyl tert-butyl ether	20.0	22.1		ug/L		111	79 - 122
Methylcyclohexane	20.0	20.9		ug/L		105	61 - 145
Methylene Chloride	20.0	21.0		ug/L		105	77 - 123
m-Xylene & p-Xylene	20.0	19.9		ug/L		99	80 - 120
o-Xylene	20.0	20.0		ug/L		100	80 - 120
Styrene	20.0	19.3		ug/L		96	80 - 120
Tetrachloroethene	20.0	18.7		ug/L		94	78 - 122
Toluene	20.0	18.9		ug/L		94	80 - 120
trans-1,2-Dichloroethene	20.0	17.7		ug/L		89	79 - 120
trans-1,3-Dichloropropene	20.0	20.3		ug/L		101	76 - 120
Trichloroethene	20.0	19.2		ug/L		96	77 - 120
Trichlorofluoromethane	20.0	21.2		ug/L		106	71 - 143
Vinyl chloride	20.0	19.7		ug/L		99	62 - 138
1,2-Dichloroethane	20.0	22.0		ug/L		110	76 - 121
1,2-Dichlorobenzene	20.0	19.0		ug/L		95	80 - 120
1,2-Dibromo-3-Chloropropane	20.0	13.8		ug/L		69	55 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		74 - 132
4-Bromofluorobenzene	119		77 - 124
Dibromofluoromethane (Surr)	97		72 - 131
Toluene-d8 (Surr)	95		80 - 120

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: LCSD 460-535140/4

Matrix: Water

Analysis Batch: 535140

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	20.9		ug/L		104	75 - 125	0	30
1,1,2,2-Tetrachloroethane	20.0	16.0		ug/L		80	74 - 120	19	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.0		ug/L		105	59 - 150	5	30
1,1,2-Trichloroethane	20.0	21.2		ug/L		106	78 - 120	1	30
1,1-Dichloroethane	20.0	20.4		ug/L		102	77 - 123	1	30
1,1-Dichloroethene	20.0	20.3		ug/L		101	74 - 123	4	30
1,2,3-Trichlorobenzene	20.0	19.3		ug/L		96	78 - 131	2	30
1,2,4-Trichlorobenzene	20.0	18.6		ug/L		93	80 - 124	3	30
1,2-Dichloropropane	20.0	19.8		ug/L		99	77 - 123	0	30
1,3-Dichlorobenzene	20.0	19.2		ug/L		96	80 - 120	4	30
1,4-Dichlorobenzene	20.0	19.2		ug/L		96	80 - 120	1	30
1,4-Dioxane	400	384		ug/L		96	10 - 150	10	30
2-Butanone (MEK)	100	102		ug/L		102	64 - 120	2	30
2-Hexanone	100	98.1		ug/L		98	71 - 125	3	30
4-Methyl-2-pentanone (MIBK)	100	97.4		ug/L		97	78 - 124	1	30
Acetone	100	96.3		ug/L		96	39 - 150	5	30
Benzene	20.0	20.1		ug/L		100	77 - 121	0	30
Bromoform	20.0	21.5		ug/L		108	53 - 120	3	30
Bromomethane	20.0	19.2		ug/L		96	10 - 150	1	30
Carbon disulfide	20.0	19.2		ug/L		96	69 - 133	0	30
Carbon tetrachloride	20.0	20.6		ug/L		103	70 - 132	0	30
Chlorobenzene	20.0	19.3		ug/L		97	80 - 120	0	30
Chlorobromomethane	20.0	17.8		ug/L		89	77 - 127	2	30
Chlorodibromomethane	20.0	20.6		ug/L		103	73 - 120	3	30
Chloroethane	20.0	20.4		ug/L		102	52 - 150	0	30
Chloroform	20.0	20.1		ug/L		100	80 - 120	1	30
Chloromethane	20.0	17.8		ug/L		89	56 - 131	4	30
cis-1,2-Dichloroethene	20.0	19.7		ug/L		99	80 - 120	3	30
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	77 - 120	2	30
Cyclohexane	20.0	20.4		ug/L		102	56 - 150	2	30
Dichlorobromomethane	20.0	19.2		ug/L		96	76 - 120	2	30
Dichlorodifluoromethane	20.0	20.7		ug/L		103	50 - 131	1	30
Ethylbenzene	20.0	19.9		ug/L		99	80 - 120	1	30
Ethylene Dibromide	20.0	21.0		ug/L		105	80 - 120	1	30
Isopropylbenzene	20.0	19.2		ug/L		96	80 - 123	2	30
Methyl acetate	40.0	44.0		ug/L		110	66 - 144	9	30
Methyl tert-butyl ether	20.0	21.2		ug/L		106	79 - 122	4	30
Methylcyclohexane	20.0	19.9		ug/L		99	61 - 145	5	30
Methylene Chloride	20.0	20.0		ug/L		100	77 - 123	5	30
m-Xylene & p-Xylene	20.0	20.1		ug/L		100	80 - 120	1	30
o-Xylene	20.0	19.2		ug/L		96	80 - 120	4	30
Styrene	20.0	19.0		ug/L		95	80 - 120	1	30
Tetrachloroethene	20.0	19.7		ug/L		99	78 - 122	5	30
Toluene	20.0	19.5		ug/L		98	80 - 120	3	30
trans-1,2-Dichloroethene	20.0	18.6		ug/L		93	79 - 120	5	30
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	76 - 120	1	30
Trichloroethene	20.0	20.1		ug/L		100	77 - 120	4	30

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

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

Lab Sample ID: LCSD 460-535140/4

Matrix: Water

Analysis Batch: 535140

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichlorofluoromethane	20.0	20.7		ug/L		104	71 - 143	2	30
Vinyl chloride	20.0	19.9		ug/L		100	62 - 138	1	30
1,2-Dichloroethane	20.0	22.3		ug/L		111	76 - 121	1	30
1,2-Dichlorobenzene	20.0	19.1		ug/L		96	80 - 120	1	30
1,2-Dibromo-3-Chloropropane	20.0	14.7		ug/L		74	55 - 134	6	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	94		74 - 132
4-Bromofluorobenzene	114		77 - 124
Dibromofluoromethane (Surr)	94		72 - 131
Toluene-d8 (Surr)	96		80 - 120

Definitions/Glossary

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Qualifiers

GC/MS VOA

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

Glossary

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

QC Association Summary

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

GC/MS VOA

Analysis Batch: 534820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-159568-1	FSMW-14B 06262018	Total/NA	Water	8260C	
460-159568-2	FSMW-14A 06262018	Total/NA	Water	8260C	
460-159568-3	FSMW-2B 06272018	Total/NA	Water	8260C	
460-159568-4	FSMW-4B 06272018	Total/NA	Water	8260C	
460-159568-5	FSMW-4A 06272018	Total/NA	Water	8260C	
460-159568-7	FSMW-8A 06272018	Total/NA	Water	8260C	
460-159568-8	DUPLICATE-01-06272018	Total/NA	Water	8260C	
460-159568-9	FSMW-13A 06272018	Total/NA	Water	8260C	
460-159568-10	TRIP BLANK 06262018	Total/NA	Water	8260C	
MB 460-534820/7	Method Blank	Total/NA	Water	8260C	
LCS 460-534820/3	Lab Control Sample	Total/NA	Water	8260C	
460-159568-7 MS	FSMW-8A 06272018	Total/NA	Water	8260C	
460-159568-7 MSD	FSMW-8A 06272018	Total/NA	Water	8260C	

Analysis Batch: 535008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-159568-6	FSMW-2A 06272018	Total/NA	Water	8260C	
460-159568-11	EQUIPMENT 06262018	Total/NA	Water	8260C	
MB 460-535008/7	Method Blank	Total/NA	Water	8260C	
LCS 460-535008/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-535008/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 535140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-159568-12	FSMW-1A 06282018	Total/NA	Water	8260C	
460-159568-13	Q218WASTE 06282018	Total/NA	Water	8260C	
MB 460-535140/7	Method Blank	Total/NA	Water	8260C	
LCS 460-535140/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-535140/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Lab Chronicle

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-14B 06262018

Date Collected: 06/26/18 12:50

Date Received: 06/28/18 19:40

Lab Sample ID: 460-159568-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	534820	07/10/18 09:01	KLB	TAL EDI

Client Sample ID: FSMW-14A 06262018

Date Collected: 06/26/18 10:05

Date Received: 06/28/18 19:40

Lab Sample ID: 460-159568-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	534820	07/10/18 09:25	KLB	TAL EDI

Client Sample ID: FSMW-2B 06272018

Date Collected: 06/27/18 13:35

Date Received: 06/28/18 19:40

Lab Sample ID: 460-159568-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	534820	07/10/18 06:34	KLB	TAL EDI

Client Sample ID: FSMW-4B 06272018

Date Collected: 06/27/18 10:45

Date Received: 06/28/18 19:40

Lab Sample ID: 460-159568-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	534820	07/10/18 06:59	KLB	TAL EDI

Client Sample ID: FSMW-4A 06272018

Date Collected: 06/27/18 11:40

Date Received: 06/28/18 19:40

Lab Sample ID: 460-159568-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	534820	07/10/18 07:23	KLB	TAL EDI

Client Sample ID: FSMW-2A 06272018

Date Collected: 06/27/18 12:30

Date Received: 06/28/18 19:40

Lab Sample ID: 460-159568-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	535008	07/10/18 18:13	MZS	TAL EDI

Lab Chronicle

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: FSMW-8A 06272018

Lab Sample ID: 460-159568-7

Date Collected: 06/27/18 09:05

Matrix: Water

Date Received: 06/28/18 19:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	534820	07/10/18 07:48	KLB	TAL EDI

Client Sample ID: DUPLICATE-01-06272018

Lab Sample ID: 460-159568-8

Date Collected: 06/27/18 00:00

Matrix: Water

Date Received: 06/28/18 19:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	534820	07/10/18 08:12	KLB	TAL EDI

Client Sample ID: FSMW-13A 06272018

Lab Sample ID: 460-159568-9

Date Collected: 06/27/18 08:10

Matrix: Water

Date Received: 06/28/18 19:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	534820	07/10/18 08:36	KLB	TAL EDI

Client Sample ID: TRIP BLANK 06262018

Lab Sample ID: 460-159568-10

Date Collected: 06/26/18 09:00

Matrix: Water

Date Received: 06/28/18 19:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	534820	07/10/18 06:10	KLB	TAL EDI

Client Sample ID: EQUIPMENT 06262018

Lab Sample ID: 460-159568-11

Date Collected: 06/28/18 12:00

Matrix: Water

Date Received: 06/28/18 19:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	535008	07/10/18 14:34	MZS	TAL EDI

Client Sample ID: FSMW-1A 06282018

Lab Sample ID: 460-159568-12

Date Collected: 06/28/18 11:40

Matrix: Water

Date Received: 06/28/18 19:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	535140	07/11/18 04:45	KLB	TAL EDI

Lab Chronicle

Client: EnSafe, Inc.
Project/Site: Frost St. Westbury, NY

TestAmerica Job ID: 460-159568-1

Client Sample ID: Q218WASTE 06282018
Date Collected: 06/28/18 12:10
Date Received: 06/28/18 19:40

Lab Sample ID: 460-159568-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	535140	07/11/18 05:10	KLB	TAL EDI

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

Accreditation/Certification Summary

Client: EnSafe, Inc.

TestAmerica Job ID: 460-159568-1

Project/Site: Frost St. Westbury, NY

Laboratory: TestAmerica Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11452	04-01-19

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
FSMW-14B 06262018	460-159568-1	109	106	103	112
FSMW-14A 06262018	460-159568-2	97	96	96	104
FSMW-2B 06272018	460-159568-3	104	102	98	108
FSMW-4B 06272018	460-159568-4	99	98	94	103
FSMW-4A 06272018	460-159568-5	97	97	97	105
FSMW-2A 06272018	460-159568-6	100	98	92	108
FSMW-8A 06272018	460-159568-7	104	105	100	107
DUPLICATE-01-06272018	460-159568-8	110	107	100	106
FSMW-13A 06272018	460-159568-9	120	121	115	126 X
TRIP BLANK 06262018	460-159568-10	99	98	97	103
EQUIPMENT 06262018	460-159568-11	97	97	94	105
FSMW-1A 06282018	460-159568-12	89	90	92	116
Q218WASTE 06282018	460-159568-13	105	99	103	129 X
	MB 460-534820/7	100	99	100	105
	MB 460-535008/7	97	99	96	106
	MB 460-535140/7	95	97	98	122
	LCS 460-534820/3	101	101	101	106
	LCS 460-535008/3	105	101	104	119
	LCS 460-535140/3	97	94	95	119
	LCSD 460-535008/4	102	102	100	112
	LCSD 460-535140/4	94	94	96	114
FSMW-8A 06272018 MS	460-159568-7 MS	107	109	104	114
FSMW-8A 06272018 MSD	460-159568-7 MSD	117	120	118	132 X

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

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: B32015.D
 Lab ID: LCS 460-534820/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.0	100	75-125	
1,1,2,2-Tetrachloroethane	20.0	15.7	79	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.8	94	59-150	
1,1,2-Trichloroethane	20.0	20.2	101	78-120	
1,1-Dichloroethane	20.0	19.3	96	77-123	
1,1-Dichloroethene	20.0	19.6	98	74-123	
1,2,3-Trichlorobenzene	20.0	19.5	98	78-131	
1,2,4-Trichlorobenzene	20.0	19.0	95	80-124	
1,2-Dichloropropane	20.0	19.4	97	77-123	
1,3-Dichlorobenzene	20.0	18.3	91	80-120	
1,4-Dichlorobenzene	20.0	18.3	92	80-120	
1,4-Dioxane	400	408	102	10-150	
2-Butanone (MEK)	100	103	103	64-120	
2-Hexanone	100	98.8	99	71-125	
4-Methyl-2-pentanone (MIBK)	100	98.2	98	78-124	
Acetone	100	102	102	39-150	
Benzene	20.0	19.2	96	77-121	
Bromoform	20.0	20.8	104	53-120	
Bromomethane	20.0	20.8	104	10-150	
Carbon disulfide	20.0	18.3	91	69-133	
Carbon tetrachloride	20.0	19.0	95	70-132	
Chlorobenzene	20.0	18.6	93	80-120	
Chlorobromomethane	20.0	17.1	85	77-127	
Chlorodibromomethane	20.0	19.6	98	73-120	
Chloroethane	20.0	20.1	100	52-150	
Chloroform	20.0	19.8	99	80-120	
Chloromethane	20.0	20.2	101	56-131	
cis-1,2-Dichloroethene	20.0	19.2	96	80-120	
cis-1,3-Dichloropropene	20.0	19.2	96	77-120	
Cyclohexane	20.0	18.7	94	56-150	
Dichlorobromomethane	20.0	18.6	93	76-120	
Dichlorodifluoromethane	20.0	21.1	105	50-131	
Ethylbenzene	20.0	18.7	93	80-120	
Ethylene Dibromide	20.0	19.8	99	80-120	
Isopropylbenzene	20.0	19.5	97	80-123	
Methyl acetate	40.0	43.2	108	66-144	
Methyl tert-butyl ether	20.0	20.9	104	79-122	
Methylcyclohexane	20.0	18.3	91	61-145	
Methylene Chloride	20.0	19.6	98	77-123	
m-Xylene & p-Xylene	20.0	18.6	93	80-120	
o-Xylene	20.0	18.6	93	80-120	

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.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: B32015.D
 Lab ID: LCS 460-534820/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	18.0	90	80-120	
Tetrachloroethene	20.0	17.4	87	78-122	
Toluene	20.0	18.5	93	80-120	
trans-1,2-Dichloroethene	20.0	16.7	83	79-120	
trans-1,3-Dichloropropene	20.0	19.4	97	76-120	
Trichloroethene	20.0	17.9	90	77-120	
Trichlorofluoromethane	20.0	20.4	102	71-143	
Vinyl chloride	20.0	20.9	104	62-138	
1,2-Dichloroethane	20.0	20.4	102	76-121	
1,2-Dichlorobenzene	20.0	19.0	95	80-120	
1,2-Dibromo-3-Chloropropane	20.0	16.2	81	55-134	

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.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: B32044.D
 Lab ID: LCS 460-535008/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.0	105	75-125	
1,1,2,2-Tetrachloroethane	20.0	16.8	84	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9	99	59-150	
1,1,2-Trichloroethane	20.0	20.8	104	78-120	
1,1-Dichloroethane	20.0	20.8	104	77-123	
1,1-Dichloroethene	20.0	19.2	96	74-123	
1,2,3-Trichlorobenzene	20.0	19.1	96	78-131	
1,2,4-Trichlorobenzene	20.0	19.1	96	80-124	
1,2-Dichloropropane	20.0	20.8	104	77-123	
1,3-Dichlorobenzene	20.0	18.2	91	80-120	
1,4-Dichlorobenzene	20.0	18.9	95	80-120	
1,4-Dioxane	400	442	110	10-150	
2-Butanone (MEK)	100	103	103	64-120	
2-Hexanone	100	97.6	98	71-125	
4-Methyl-2-pentanone (MIBK)	100	95.8	96	78-124	
Acetone	100	96.8	97	39-150	
Benzene	20.0	19.5	97	77-121	
Bromoform	20.0	20.7	103	53-120	
Bromomethane	20.0	20.0	100	10-150	
Carbon disulfide	20.0	18.1	91	69-133	
Carbon tetrachloride	20.0	20.8	104	70-132	
Chlorobenzene	20.0	19.4	97	80-120	
Chlorobromomethane	20.0	17.2	86	77-127	
Chlorodibromomethane	20.0	19.5	98	73-120	
Chloroethane	20.0	20.4	102	52-150	
Chloroform	20.0	20.1	101	80-120	
Chloromethane	20.0	18.4	92	56-131	
cis-1,2-Dichloroethene	20.0	19.9	100	80-120	
cis-1,3-Dichloropropene	20.0	19.7	99	77-120	
Cyclohexane	20.0	19.7	99	56-150	
Dichlorobromomethane	20.0	19.7	98	76-120	
Dichlorodifluoromethane	20.0	20.1	100	50-131	
Ethylbenzene	20.0	19.2	96	80-120	
Ethylene Dibromide	20.0	20.1	101	80-120	
Isopropylbenzene	20.0	19.3	97	80-123	
Methyl acetate	40.0	41.2	103	66-144	
Methyl tert-butyl ether	20.0	21.0	105	79-122	
Methylcyclohexane	20.0	18.7	93	61-145	
Methylene Chloride	20.0	19.4	97	77-123	
m-Xylene & p-Xylene	20.0	19.4	97	80-120	
o-Xylene	20.0	18.6	93	80-120	

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.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: B32044.D
 Lab ID: LCS 460-535008/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	19.8	99	80-120	
Tetrachloroethene	20.0	19.3	96	78-122	
Toluene	20.0	19.2	96	80-120	
trans-1,2-Dichloroethene	20.0	17.5	87	79-120	
trans-1,3-Dichloropropene	20.0	20.0	100	76-120	
Trichloroethene	20.0	19.7	99	77-120	
Trichlorofluoromethane	20.0	19.9	100	71-143	
Vinyl chloride	20.0	19.4	97	62-138	
1,2-Dichloroethane	20.0	21.9	110	76-121	
1,2-Dichlorobenzene	20.0	19.8	99	80-120	
1,2-Dibromo-3-Chloropropane	20.0	16.3	82	55-134	

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.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: B32069.D
 Lab ID: LCS 460-535140/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.8	104	75-125	
1,1,2,2-Tetrachloroethane	20.0	13.2	66	74-120	*
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.9	110	59-150	
1,1,2-Trichloroethane	20.0	21.3	106	78-120	
1,1-Dichloroethane	20.0	20.5	103	77-123	
1,1-Dichloroethene	20.0	21.2	106	74-123	
1,2,3-Trichlorobenzene	20.0	19.0	95	78-131	
1,2,4-Trichlorobenzene	20.0	19.3	96	80-124	
1,2-Dichloropropane	20.0	19.8	99	77-123	
1,3-Dichlorobenzene	20.0	18.3	92	80-120	
1,4-Dichlorobenzene	20.0	19.0	95	80-120	
1,4-Dioxane	400	423	106	10-150	
2-Butanone (MEK)	100	99.1	99	64-120	
2-Hexanone	100	95.2	95	71-125	
4-Methyl-2-pentanone (MIBK)	100	98.1	98	78-124	
Acetone	100	101	101	39-150	
Benzene	20.0	20.0	100	77-121	
Bromoform	20.0	20.8	104	53-120	
Bromomethane	20.0	18.9	95	10-150	
Carbon disulfide	20.0	19.2	96	69-133	
Carbon tetrachloride	20.0	20.6	103	70-132	
Chlorobenzene	20.0	19.2	96	80-120	
Chlorobromomethane	20.0	18.1	91	77-127	
Chlorodibromomethane	20.0	20.0	100	73-120	
Chloroethane	20.0	20.4	102	52-150	
Chloroform	20.0	19.9	100	80-120	
Chloromethane	20.0	18.6	93	56-131	
cis-1,2-Dichloroethene	20.0	20.3	101	80-120	
cis-1,3-Dichloropropene	20.0	19.7	99	77-120	
Cyclohexane	20.0	20.8	104	56-150	
Dichlorobromomethane	20.0	19.6	98	76-120	
Dichlorodifluoromethane	20.0	20.8	104	50-131	
Ethylbenzene	20.0	19.7	99	80-120	
Ethylene Dibromide	20.0	20.8	104	80-120	
Isopropylbenzene	20.0	18.8	94	80-123	
Methyl acetate	40.0	48.1	120	66-144	
Methyl tert-butyl ether	20.0	22.1	111	79-122	
Methylcyclohexane	20.0	20.9	105	61-145	
Methylene Chloride	20.0	21.0	105	77-123	
m-Xylene & p-Xylene	20.0	19.9	99	80-120	
o-Xylene	20.0	20.0	100	80-120	

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.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: B32069.D
 Lab ID: LCS 460-535140/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	19.3	96	80-120	
Tetrachloroethene	20.0	18.7	94	78-122	
Toluene	20.0	18.9	94	80-120	
trans-1,2-Dichloroethene	20.0	17.7	89	79-120	
trans-1,3-Dichloropropene	20.0	20.3	101	76-120	
Trichloroethene	20.0	19.2	96	77-120	
Trichlorofluoromethane	20.0	21.2	106	71-143	
Vinyl chloride	20.0	19.7	99	62-138	
1,2-Dichloroethane	20.0	22.0	110	76-121	
1,2-Dichlorobenzene	20.0	19.0	95	80-120	
1,2-Dibromo-3-Chloropropane	20.0	13.8	69	55-134	

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.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: B32045.D
 Lab ID: LCSD 460-535008/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	20.4	102	3	30	75-125	
1,1,2,2-Tetrachloroethane	20.0	10.4	52	47	30	74-120	*
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.1	100	1	30	59-150	
1,1,2-Trichloroethane	20.0	19.4	97	7	30	78-120	
1,1-Dichloroethane	20.0	19.9	99	5	30	77-123	
1,1-Dichloroethene	20.0	19.8	99	3	30	74-123	
1,2,3-Trichlorobenzene	20.0	20.0	100	5	30	78-131	
1,2,4-Trichlorobenzene	20.0	19.1	96	0	30	80-124	
1,2-Dichloropropane	20.0	20.5	102	1	30	77-123	
1,3-Dichlorobenzene	20.0	19.5	97	7	30	80-120	
1,4-Dichlorobenzene	20.0	19.1	96	1	30	80-120	
1,4-Dioxane	400	400	100	10	30	10-150	
2-Butanone (MEK)	100	103	103	0	30	64-120	
2-Hexanone	100	98.7	99	1	30	71-125	
4-Methyl-2-pentanone (MIBK)	100	104	104	8	30	78-124	
Acetone	100	100	100	4	30	39-150	
Benzene	20.0	20.0	100	3	30	77-121	
Bromoform	20.0	19.5	97	6	30	53-120	
Bromomethane	20.0	19.0	95	6	30	10-150	
Carbon disulfide	20.0	18.4	92	2	30	69-133	
Carbon tetrachloride	20.0	20.9	104	0	30	70-132	
Chlorobenzene	20.0	19.3	97	0	30	80-120	
Chlorobromomethane	20.0	17.1	85	1	30	77-127	
Chlorodibromomethane	20.0	20.6	103	5	30	73-120	
Chloroethane	20.0	20.2	101	1	30	52-150	
Chloroform	20.0	20.2	101	0	30	80-120	
Chloromethane	20.0	18.3	91	1	30	56-131	
cis-1,2-Dichloroethene	20.0	19.8	99	1	30	80-120	
cis-1,3-Dichloropropene	20.0	20.2	101	2	30	77-120	
Cyclohexane	20.0	20.0	100	2	30	56-150	
Dichlorobromomethane	20.0	19.7	98	0	30	76-120	
Dichlorodifluoromethane	20.0	20.1	100	0	30	50-131	
Ethylbenzene	20.0	19.4	97	1	30	80-120	
Ethylene Dibromide	20.0	20.2	101	0	30	80-120	
Isopropylbenzene	20.0	20.5	102	6	30	80-123	
Methyl acetate	40.0	42.4	106	3	30	66-144	
Methyl tert-butyl ether	20.0	21.1	105	0	30	79-122	
Methylcyclohexane	20.0	19.9	99	6	30	61-145	
Methylene Chloride	20.0	20.3	102	4	30	77-123	
m-Xylene & p-Xylene	20.0	19.8	99	2	30	80-120	
o-Xylene	20.0	20.1	101	8	30	80-120	

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.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: B32045.D
 Lab ID: LCSD 460-535008/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	20.0	19.0	95	4	30	80-120	
Tetrachloroethene	20.0	19.6	98	2	30	78-122	
Toluene	20.0	19.3	96	0	30	80-120	
trans-1,2-Dichloroethene	20.0	16.9	85	3	30	79-120	
trans-1,3-Dichloropropene	20.0	20.3	102	1	30	76-120	
Trichloroethene	20.0	19.6	98	1	30	77-120	
Trichlorofluoromethane	20.0	21.1	106	6	30	71-143	
Vinyl chloride	20.0	19.2	96	1	30	62-138	
1,2-Dichloroethane	20.0	21.9	109	0	30	76-121	
1,2-Dichlorobenzene	20.0	19.8	99	0	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	9.79	49	50	30	55-134	*

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.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: B32070.D
 Lab ID: LCSD 460-535140/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	20.9	104	0	30	75-125	
1,1,2,2-Tetrachloroethane	20.0	16.0	80	19	30	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.0	105	5	30	59-150	
1,1,2-Trichloroethane	20.0	21.2	106	1	30	78-120	
1,1-Dichloroethane	20.0	20.4	102	1	30	77-123	
1,1-Dichloroethene	20.0	20.3	101	4	30	74-123	
1,2,3-Trichlorobenzene	20.0	19.3	96	2	30	78-131	
1,2,4-Trichlorobenzene	20.0	18.6	93	3	30	80-124	
1,2-Dichloropropane	20.0	19.8	99	0	30	77-123	
1,3-Dichlorobenzene	20.0	19.2	96	4	30	80-120	
1,4-Dichlorobenzene	20.0	19.2	96	1	30	80-120	
1,4-Dioxane	400	384	96	10	30	10-150	
2-Butanone (MEK)	100	102	102	2	30	64-120	
2-Hexanone	100	98.1	98	3	30	71-125	
4-Methyl-2-pentanone (MIBK)	100	97.4	97	1	30	78-124	
Acetone	100	96.3	96	5	30	39-150	
Benzene	20.0	20.1	100	0	30	77-121	
Bromoform	20.0	21.5	108	3	30	53-120	
Bromomethane	20.0	19.2	96	1	30	10-150	
Carbon disulfide	20.0	19.2	96	0	30	69-133	
Carbon tetrachloride	20.0	20.6	103	0	30	70-132	
Chlorobenzene	20.0	19.3	97	0	30	80-120	
Chlorobromomethane	20.0	17.8	89	2	30	77-127	
Chlorodibromomethane	20.0	20.6	103	3	30	73-120	
Chloroethane	20.0	20.4	102	0	30	52-150	
Chloroform	20.0	20.1	100	1	30	80-120	
Chloromethane	20.0	17.8	89	4	30	56-131	
cis-1,2-Dichloroethene	20.0	19.7	99	3	30	80-120	
cis-1,3-Dichloropropene	20.0	20.2	101	2	30	77-120	
Cyclohexane	20.0	20.4	102	2	30	56-150	
Dichlorobromomethane	20.0	19.2	96	2	30	76-120	
Dichlorodifluoromethane	20.0	20.7	103	1	30	50-131	
Ethylbenzene	20.0	19.9	99	1	30	80-120	
Ethylene Dibromide	20.0	21.0	105	1	30	80-120	
Isopropylbenzene	20.0	19.2	96	2	30	80-123	
Methyl acetate	40.0	44.0	110	9	30	66-144	
Methyl tert-butyl ether	20.0	21.2	106	4	30	79-122	
Methylcyclohexane	20.0	19.9	99	5	30	61-145	
Methylene Chloride	20.0	20.0	100	5	30	77-123	
m-Xylene & p-Xylene	20.0	20.1	100	1	30	80-120	
o-Xylene	20.0	19.2	96	4	30	80-120	

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.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: B32070.D
 Lab ID: LCSD 460-535140/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	20.0	19.0	95	1	30	80-120	
Tetrachloroethene	20.0	19.7	99	5	30	78-122	
Toluene	20.0	19.5	98	3	30	80-120	
trans-1,2-Dichloroethene	20.0	18.6	93	5	30	79-120	
trans-1,3-Dichloropropene	20.0	20.0	100	1	30	76-120	
Trichloroethene	20.0	20.1	100	4	30	77-120	
Trichlorofluoromethane	20.0	20.7	104	2	30	71-143	
Vinyl chloride	20.0	19.9	100	1	30	62-138	
1,2-Dichloroethane	20.0	22.3	111	1	30	76-121	
1,2-Dichlorobenzene	20.0	19.1	96	1	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	14.7	74	6	30	55-134	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-159568-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: B32040.D
Lab ID: 460-159568-7 MS Client ID: FSMW-8A 06272018 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	0.24 U	20.3	102	75-125	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	6.74	34	74-120	F1
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	0.31 U	19.7	98	59-150	
1,1,2-Trichloroethane	20.0	0.43 U	19.8	99	78-120	
1,1-Dichloroethane	20.0	0.26 U	20.4	102	77-123	
1,1-Dichloroethene	20.0	0.12 U	19.5	98	74-123	
1,2,3-Trichlorobenzene	20.0	0.46 U	17.7	86	78-131	
1,2,4-Trichlorobenzene	20.0	0.37 U	17.6	88	80-124	
1,2-Dichloropropane	20.0	0.35 U	20.4	102	77-123	
1,3-Dichlorobenzene	20.0	0.34 U	18.1	91	80-120	
1,4-Dichlorobenzene	20.0	0.76 U	17.8	89	80-120	
1,4-Dioxane	400	28 U	388	97	10-150	
2-Butanone (MEK)	100	1.9 U	98.2	98	64-120	
2-Hexanone	100	2.9 U	94.6	95	71-125	
4-Methyl-2-pentanone (MIBK)	100	2.7 U	98.6	99	78-124	
Acetone	100	5.0 U	96.4	96	39-150	
Benzene	20.0	0.43 U	19.7	98	77-121	
Bromoform	20.0	0.54 U	18.2	91	53-120	
Bromomethane	20.0	1.0 U	21.2	106	10-150	
Carbon disulfide	20.0	0.16 U	18.2	91	69-133	
Carbon tetrachloride	20.0	0.21 U	19.9	99	70-132	
Chlorobenzene	20.0	0.38 U	19.1	95	80-120	
Chlorobromomethane	20.0	0.41 U	17.9	89	77-127	
Chlorodibromomethane	20.0	0.28 U	19.8	99	73-120	
Chloroethane	20.0	0.32 U	20.9	104	52-150	
Chloroform	20.0	0.33 U	20.8	104	80-120	
Chloromethane	20.0	0.14 U	21.1	106	56-131	
cis-1,2-Dichloroethene	20.0	0.53 U	20.2	99	80-120	
cis-1,3-Dichloropropene	20.0	0.46 U	18.9	95	77-120	
Cyclohexane	20.0	0.32 U	18.5	93	56-150	
Dichlorobromomethane	20.0	0.34 U	19.6	98	76-120	
Dichlorodifluoromethane	20.0	0.12 U	21.7	108	50-131	
Ethylbenzene	20.0	0.30 U	19.4	97	80-120	
Ethylene Dibromide	20.0	0.50 U	19.8	99	80-120	
Isopropylbenzene	20.0	0.34 U	18.8	94	80-123	
Methyl acetate	40.0	0.31 U	39.2	98	66-144	
Methyl tert-butyl ether	20.0	0.47 U	19.6	98	79-122	
Methylcyclohexane	20.0	0.26 U	18.0	90	61-145	
Methylene Chloride	20.0	0.32 U	19.8	99	77-123	
m-Xylene & p-Xylene	20.0	0.30 U	18.6	93	80-120	
o-Xylene	20.0	0.36 U	18.8	94	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: B32040.D
 Lab ID: 460-159568-7 MS Client ID: FSMW-8A 06272018 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	20.0	0.42 U	18.7	93	80-120	
Tetrachloroethene	20.0	16	33.0	84	78-122	
Toluene	20.0	0.38 U	19.2	96	80-120	
trans-1,2-Dichloroethene	20.0	0.24 U	17.6	88	79-120	
trans-1,3-Dichloropropene	20.0	0.49 U	19.2	96	76-120	
Trichloroethene	20.0	0.75 J	19.2	92	77-120	
Trichlorofluoromethane	20.0	0.14 U	21.3	107	71-143	
Vinyl chloride	20.0	0.17 U	20.9	104	62-138	
1,2-Dichloroethane	20.0	0.43 U	21.8	109	76-121	
1,2-Dichlorobenzene	20.0	0.43 U	18.7	93	80-120	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	6.08	30	55-134	F1

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: B32041.D
 Lab ID: 460-159568-7 MSD Client ID: FSMW-8A 06272018 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	21.9	109	7	30	75-125	
1,1,2,2-Tetrachloroethane	20.0	7.64	38	13	30	74-120	F1
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9	105	6	30	59-150	
1,1,2-Trichloroethane	20.0	24.1	120	19	30	78-120	
1,1-Dichloroethane	20.0	22.7	113	10	30	77-123	
1,1-Dichloroethene	20.0	21.2	106	8	30	74-123	
1,2,3-Trichlorobenzene	20.0	22.2	108	22	30	78-131	
1,2,4-Trichlorobenzene	20.0	20.5	103	15	30	80-124	
1,2-Dichloropropane	20.0	22.3	111	9	30	77-123	
1,3-Dichlorobenzene	20.0	21.4	107	17	30	80-120	
1,4-Dichlorobenzene	20.0	20.6	103	15	30	80-120	
1,4-Dioxane	400	432	108	11	30	10-150	
2-Butanone (MEK)	100	104	104	6	30	64-120	
2-Hexanone	100	106	106	12	30	71-125	
4-Methyl-2-pentanone (MIBK)	100	110	110	11	30	78-124	
Acetone	100	112	112	15	30	39-150	
Benzene	20.0	21.7	108	10	30	77-121	
Bromoform	20.0	20.0	100	9	30	53-120	
Bromomethane	20.0	23.8	119	12	30	10-150	
Carbon disulfide	20.0	19.9	99	9	30	69-133	
Carbon tetrachloride	20.0	22.5	113	12	30	70-132	
Chlorobenzene	20.0	21.6	108	12	30	80-120	
Chlorobromomethane	20.0	18.9	94	5	30	77-127	
Chlorodibromomethane	20.0	22.2	111	12	30	73-120	
Chloroethane	20.0	23.7	118	12	30	52-150	
Chloroform	20.0	22.4	112	8	30	80-120	
Chloromethane	20.0	23.7	118	12	30	56-131	
cis-1,2-Dichloroethene	20.0	21.7	106	7	30	80-120	
cis-1,3-Dichloropropene	20.0	21.1	105	11	30	77-120	
Cyclohexane	20.0	20.3	102	9	30	56-150	
Dichlorobromomethane	20.0	21.6	108	9	30	76-120	
Dichlorodifluoromethane	20.0	24.5	123	12	30	50-131	
Ethylbenzene	20.0	21.4	107	10	30	80-120	
Ethylene Dibromide	20.0	21.9	110	10	30	80-120	
Isopropylbenzene	20.0	20.9	104	11	30	80-123	
Methyl acetate	40.0	44.9	112	14	30	66-144	
Methyl tert-butyl ether	20.0	22.9	115	15	30	79-122	
Methylcyclohexane	20.0	20.0	100	11	30	61-145	
Methylene Chloride	20.0	22.2	111	11	30	77-123	
m-Xylene & p-Xylene	20.0	21.1	105	13	30	80-120	
o-Xylene	20.0	20.3	102	8	30	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: B32041.D
 Lab ID: 460-159568-7 MSD Client ID: FSMW-8A 06272018 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	20.0	21.0	105	11	30	80-120	
Tetrachloroethene	20.0	36.6	103	10	30	78-122	
Toluene	20.0	21.4	107	11	30	80-120	
trans-1,2-Dichloroethene	20.0	18.6	93	6	30	79-120	
trans-1,3-Dichloropropene	20.0	21.5	108	11	30	76-120	
Trichloroethene	20.0	21.7	105	12	30	77-120	
Trichlorofluoromethane	20.0	23.6	118	10	30	71-143	
Vinyl chloride	20.0	23.8	119	13	30	62-138	
1,2-Dichloroethane	20.0	23.3	117	7	30	76-121	
1,2-Dichlorobenzene	20.0	21.6	108	15	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	7.44	37	20	30	55-134	F1

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Lab File ID: B32019.D Lab Sample ID: MB 460-534820/7
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS2 Date Analyzed: 07/10/2018 02:04
 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 460-534820/3	B32015.D	07/10/2018 00:25
TRIP BLANK 06262018	460-159568-10	B32029.D	07/10/2018 06:10
FSMW-2B 06272018	460-159568-3	B32030.D	07/10/2018 06:34
FSMW-4B 06272018	460-159568-4	B32031.D	07/10/2018 06:59
FSMW-4A 06272018	460-159568-5	B32032.D	07/10/2018 07:23
FSMW-8A 06272018	460-159568-7	B32033.D	07/10/2018 07:48
DUPLICATE-01-06272018	460-159568-8	B32034.D	07/10/2018 08:12
FSMW-13A 06272018	460-159568-9	B32035.D	07/10/2018 08:36
FSMW-14B 06262018	460-159568-1	B32036.D	07/10/2018 09:01
FSMW-14A 06262018	460-159568-2	B32037.D	07/10/2018 09:25
FSMW-8A 06272018 MS	460-159568-7 MS	B32040.D	07/10/2018 10:39
FSMW-8A 06272018 MSD	460-159568-7 MSD	B32041.D	07/10/2018 11:03

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-159568-1
SDG No.: _____
Lab File ID: B32048.D Lab Sample ID: MB 460-535008/7
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS2 Date Analyzed: 07/10/2018 13:56
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 460-535008/3	B32044.D	07/10/2018 12:19
	LCSD 460-535008/4	B32045.D	07/10/2018 12:43
EQUIPMENT 06262018	460-159568-11	B32049.D	07/10/2018 14:34
FSMW-2A 06272018	460-159568-6	B32058.D	07/10/2018 18:13

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-159568-1
SDG No.: _____
Lab File ID: B32073.D Lab Sample ID: MB 460-535140/7
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS2 Date Analyzed: 07/11/2018 00:39
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 460-535140/3	B32069.D	07/10/2018 23:00
	LCSD 460-535140/4	B32070.D	07/10/2018 23:25
FSMW-1A 06282018	460-159568-12	B32083.D	07/11/2018 04:45
Q218WASTE 06282018	460-159568-13	B32084.D	07/11/2018 05:10

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Lab File ID: B31996.D BFB Injection Date: 07/09/2018
 Instrument ID: CVOAMS2 BFB Injection Time: 13:19
 Analysis Batch No.: 534663

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	23.9
75	30.0 - 60.0 % of mass 95	52.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.4
173	Less than 2.0 % of mass 174	1.1 (1.3) 1
174	50.0 - 120.00 % of mass 95	86.0
175	5.0 - 9.0 % of mass 174	6.5 (7.6) 1
176	95.0 - 101.0 % of mass 174	83.3 (96.9) 1
177	5.0 - 9.0 % of mass 176	5.7 (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
	STD7 460-534663/3	B31998.D	07/09/2018	14:08
	STD5 460-534663/5	B32000.D	07/09/2018	14:56
	STD20 460-534663/6	B32001.D	07/09/2018	15:21
	STD50 460-534663/7	B32002.D	07/09/2018	15:45
	STD200 460-534663/8	B32003.D	07/09/2018	16:09
	STD500 460-534663/9	B32004.D	07/09/2018	16:33
	STD1 460-534663/16	b32011.D	07/09/2018	21:16

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1
SDG No.: _____
Lab File ID: B32013.D BFB Injection Date: 07/09/2018
Instrument ID: CVOAMS2 BFB Injection Time: 23:32
Analysis Batch No.: 534820

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	22.7
75	30.0 - 60.0 % of mass 95	45.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	5.9
173	Less than 2.0 % of mass 174	0.8 (0.9) 1
174	50.0 - 120.00 % of mass 95	85.7
175	5.0 - 9.0 % of mass 174	6.1 (7.1) 1
176	95.0 - 101.0 % of mass 174	85.8 (100.1) 1
177	5.0 - 9.0 % of mass 176	4.8 (5.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-534820/2	B32014.D	07/10/2018	00:00
	LCS 460-534820/3	B32015.D	07/10/2018	00:25
	MB 460-534820/7	B32019.D	07/10/2018	02:04
TRIP BLANK 06262018	460-159568-10	B32029.D	07/10/2018	06:10
FSMW-2B 06272018	460-159568-3	B32030.D	07/10/2018	06:34
FSMW-4B 06272018	460-159568-4	B32031.D	07/10/2018	06:59
FSMW-4A 06272018	460-159568-5	B32032.D	07/10/2018	07:23
FSMW-8A 06272018	460-159568-7	B32033.D	07/10/2018	07:48
DUPLICATE-01-06272018	460-159568-8	B32034.D	07/10/2018	08:12
FSMW-13A 06272018	460-159568-9	B32035.D	07/10/2018	08:36
FSMW-14B 06262018	460-159568-1	B32036.D	07/10/2018	09:01
FSMW-14A 06262018	460-159568-2	B32037.D	07/10/2018	09:25
FSMW-8A 06272018 MS	460-159568-7 MS	B32040.D	07/10/2018	10:39
FSMW-8A 06272018 MSD	460-159568-7 MSD	B32041.D	07/10/2018	11:03

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Lab File ID: B32042.D BFB Injection Date: 07/10/2018
 Instrument ID: CVOAMS2 BFB Injection Time: 11:28
 Analysis Batch No.: 535008

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	22.2
75	30.0 - 60.0 % of mass 95	51.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	5.9
173	Less than 2.0 % of mass 174	1.3 (1.6) 1
174	50.0 - 120.00 % of mass 95	78.9
175	5.0 - 9.0 % of mass 174	6.5 (8.2) 1
176	95.0 - 101.0 % of mass 174	78.8 (99.9) 1
177	5.0 - 9.0 % of mass 176	4.8 (6.1) 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 460-535008/2	B32043.D	07/10/2018	11:52
	LCS 460-535008/3	B32044.D	07/10/2018	12:19
	LCSD 460-535008/4	B32045.D	07/10/2018	12:43
	MB 460-535008/7	B32048.D	07/10/2018	13:56
EQUIPMENT 06262018	460-159568-11	B32049.D	07/10/2018	14:34
FSMW-2A 06272018	460-159568-6	B32058.D	07/10/2018	18:13

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Lab File ID: B32067.D BFB Injection Date: 07/10/2018
 Instrument ID: CVOAMS2 BFB Injection Time: 22:13
 Analysis Batch No.: 535140

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	22.4
75	30.0 - 60.0 % 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	1.3 (1.4) 1
174	50.0 - 120.00 % of mass 95	87.5
175	5.0 - 9.0 % of mass 174	6.4 (7.3) 1
176	95.0 - 101.0 % of mass 174	86.3 (98.6) 1
177	5.0 - 9.0 % of mass 176	5.7 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-535140/2	B32068.D	07/10/2018	22:36
	LCS 460-535140/3	B32069.D	07/10/2018	23:00
	LCSD 460-535140/4	B32070.D	07/10/2018	23:25
	MB 460-535140/7	B32073.D	07/11/2018	00:39
FSMW-1A 06282018	460-159568-12	B32083.D	07/11/2018	04:45
Q218WASTE 06282018	460-159568-13	B32084.D	07/11/2018	05:10

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Sample No.: CCVIS 460-534820/2 Date Analyzed: 07/10/2018 00:00
 Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): B32014.D Heated Purge: (Y/N) N
 Calibration ID: 70119

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	285627	2.62	341054	3.71	508693	4.89	
UPPER LIMIT	571254	3.12	682108	4.21	1017386	5.39	
LOWER LIMIT	142814	2.12	170527	3.21	254347	4.39	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-534820/3		294982	2.62	340530	3.71	511713	4.89
MB 460-534820/7		283656	2.62	347939	3.71	518481	4.89
460-159568-10	TRIP BLANK 06262018	248133	2.62	283294	3.71	495474	4.89
460-159568-3	FSMW-2B 06272018	290710	2.64	340888	3.71	480821	4.89
460-159568-4	FSMW-4B 06272018	260531	2.62	302292	3.71	497418	4.89
460-159568-5	FSMW-4A 06272018	265766	2.64	312385	3.71	496751	4.89
460-159568-7	FSMW-8A 06272018	271794	2.64	326601	3.71	472675	4.89
460-159568-8	DUPLICATE-01-06272018	279401	2.64	325205	3.71	457515	4.89
460-159568-9	FSMW-13A 06272018	262255	2.64	307932	3.71	420684	4.89
460-159568-1	FSMW-14B 06262018	248811	2.64	291033	3.72	465322	4.90
460-159568-2	FSMW-14A 06262018	270990	2.64	309919	3.71	509379	4.90
460-159568-7 MS	FSMW-8A 06272018 MS	269467	2.64	311752	3.72	478682	4.90
460-159568-7 MSD	FSMW-8A 06272018 MSD	246472	2.64	284785	3.72	422781	4.90

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

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.: 460-159568-1
 SDG No.: _____
 Sample No.: CCVIS 460-534820/2 Date Analyzed: 07/10/2018 00:00
 Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): B32014.D Heated Purge: (Y/N) N
 Calibration ID: 70119

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		22381	5.71	356419	8.34	213807	10.24
UPPER LIMIT		44762	6.21	712838	8.84	427614	10.74
LOWER LIMIT		11191	5.21	178210	7.84	106904	9.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-534820/3		22336	5.71	365414	8.34	215057	10.24
MB 460-534820/7		21215	5.71	362067	8.34	206172	10.24
460-159568-10	TRIP BLANK 06262018	17499	5.71	347267	8.34	196344	10.24
460-159568-3	FSMW-2B 06272018	19441	5.71	342530	8.34	190836	10.24
460-159568-4	FSMW-4B 06272018	18529	5.71	352378	8.34	201516	10.24
460-159568-5	FSMW-4A 06272018	18257	5.71	345830	8.34	194841	10.24
460-159568-7	FSMW-8A 06272018	18773	5.71	337215	8.34	184886	10.24
460-159568-8	DUPLICATE-01-06272018	18729	5.71	333283	8.34	186174	10.24
460-159568-9	FSMW-13A 06272018	17732	5.71	300157	8.34	162391	10.25
460-159568-1	FSMW-14B 06262018	17081	5.71	326860	8.34	180288	10.24
460-159568-2	FSMW-14A 06262018	20275	5.71	357777	8.34	196602	10.24
460-159568-7 MS	FSMW-8A 06272018 MS	19436	5.71	343819	8.34	205892	10.25
460-159568-7 MSD	FSMW-8A 06272018 MSD	17796	5.71	301589	8.34	175102	10.24

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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.: 460-159568-1
 SDG No.: _____
 Sample No.: CCVIS 460-535008/2 Date Analyzed: 07/10/2018 11:52
 Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): B32043.D Heated Purge: (Y/N) N
 Calibration ID: 70119

		TBA _d 9		BUT		FB		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		271870	2.64	321528	3.72	534983	4.90	
UPPER LIMIT		543740	3.14	643056	4.22	1069966	5.40	
LOWER LIMIT		135935	2.14	160764	3.22	267492	4.40	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 460-535008/3		266714	2.64	312644	3.72	478475	4.90	
LCSD 460-535008/4		274691	2.64	313132	3.71	495532	4.89	
MB 460-535008/7		332160	2.65	384031	3.72	525062	4.90	
460-159568-11		EQUIPMENT 06262018	325025	2.64	367831	3.71	510994	4.89
460-159568-6		FSMW-2A 06272018	344474	2.64	388532	3.72	506065	4.90

TBA_d9 = TBA-d₉ (IS)
 BUT = 2-Butanone-d₅
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Sample No.: CCVIS 460-535008/2 Date Analyzed: 07/10/2018 11:52
 Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): B32043.D Heated Purge: (Y/N) N
 Calibration ID: 70119

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19853	5.72	377686	8.34	217579	10.24
UPPER LIMIT		39706	6.22	755372	8.84	435158	10.74
LOWER LIMIT		9927	5.22	188843	7.84	108790	9.74
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-535008/3		19810	5.72	347876	8.34	203632	10.25
LCSD 460-535008/4		20655	5.71	352351	8.34	206733	10.25
MB 460-535008/7		21404	5.72	371127	8.35	199188	10.25
460-159568-11	EQUIPMENT 06262018	21772	5.71	362517	8.34	205973	10.25
460-159568-6	FSMW-2A 06272018	22995	5.72	359971	8.35	190092	10.25

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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.: 460-159568-1
 SDG No.: _____
 Sample No.: CCVIS 460-535140/2 Date Analyzed: 07/10/2018 22:36
 Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): B32068.D Heated Purge: (Y/N) N
 Calibration ID: 70119

		TBA _d 9		BUT		FB		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		289207	2.64	362412	3.71	516249	4.90	
UPPER LIMIT		578414	3.14	724824	4.21	1032498	5.40	
LOWER LIMIT		144604	2.14	181206	3.21	258125	4.40	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 460-535140/3		293512	2.64	357142	3.71	497315	4.90	
LCSD 460-535140/4		296837	2.64	372371	3.72	528484	4.90	
MB 460-535140/7		280377	2.64	336768	3.72	474057	4.90	
460-159568-12		FSMW-1A 06282018	326447	2.64	376689	3.72	525879	4.90
460-159568-13		Q218WASTE 06282018	287883	2.64	335495	3.71	450394	4.89

TBA_d9 = TBA-d₉ (IS)
 BUT = 2-Butanone-d₅
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Sample No.: CCVIS 460-535140/2 Date Analyzed: 07/10/2018 22:36
 Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): B32068.D Heated Purge: (Y/N) N
 Calibration ID: 70119

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		21229	5.71	364624	8.34	214841	10.25
UPPER LIMIT		42458	6.21	729248	8.84	429682	10.75
LOWER LIMIT		10615	5.21	182312	7.84	107421	9.75
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-535140/3		20682	5.71	354112	8.35	214385	10.25
LCSD 460-535140/4		22128	5.71	376206	8.35	223546	10.25
MB 460-535140/7		19528	5.72	335998	8.35	187961	10.25
460-159568-12		FSMW-1A 06282018	22717	5.72	374128	8.35	205766
460-159568-13		Q218WASTE 06282018	19947	5.71	320121	8.34	182679

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-14B 06262018</u>	Lab Sample ID: <u>460-159568-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32036.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/26/2018 12:50</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 09:01</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>5</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>534820</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	5.0	1.2
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	5.0	1.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	U	5.0	1.6
79-00-5	1,1,2-Trichloroethane	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	1.3	U	5.0	1.3
75-35-4	1,1-Dichloroethene	0.59	U	5.0	0.59
87-61-6	1,2,3-Trichlorobenzene	1.8	U	5.0	1.8
120-82-1	1,2,4-Trichlorobenzene	1.8	U	5.0	1.8
78-87-5	1,2-Dichloropropane	1.8	U	5.0	1.8
541-73-1	1,3-Dichlorobenzene	1.7	U	5.0	1.7
106-46-7	1,4-Dichlorobenzene	3.8	U	5.0	3.8
123-91-1	1,4-Dioxane	140	U	250	140
78-93-3	2-Butanone (MEK)	9.3	U	25	9.3
591-78-6	2-Hexanone	15	U	25	15
108-10-1	4-Methyl-2-pentanone (MIBK)	14	U	25	14
67-64-1	Acetone	25	U	25	25
71-43-2	Benzene	2.1	U	5.0	2.1
75-25-2	Bromoform	2.7	U	5.0	2.7
74-83-9	Bromomethane	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.78	U	5.0	0.78
56-23-5	Carbon tetrachloride	1.0	U	5.0	1.0
108-90-7	Chlorobenzene	1.9	U	5.0	1.9
74-97-5	Chlorobromomethane	2.1	U	5.0	2.1
124-48-1	Chlorodibromomethane	1.4	U	5.0	1.4
75-00-3	Chloroethane	1.6	U	5.0	1.6
67-66-3	Chloroform	1.6	U	5.0	1.6
74-87-3	Chloromethane	0.72	U	5.0	0.72
156-59-2	cis-1,2-Dichloroethene	2.1	J	5.0	1.1
10061-01-5	cis-1,3-Dichloropropene	2.3	U	5.0	2.3
110-82-7	Cyclohexane	1.6	U	5.0	1.6
75-27-4	Dichlorobromomethane	1.7	U	5.0	1.7
75-71-8	Dichlorodifluoromethane	0.61	U	5.0	0.61
100-41-4	Ethylbenzene	1.5	U	5.0	1.5
106-93-4	Ethylene Dibromide	2.5	U	5.0	2.5
98-82-8	Isopropylbenzene	1.7	U	5.0	1.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-14B 06262018</u>	Lab Sample ID: <u>460-159568-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32036.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/26/2018 12:50</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 09:01</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>5</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>534820</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	1.6	U	25	1.6
1634-04-4	Methyl tert-butyl ether	2.3	U	5.0	2.3
108-87-2	Methylcyclohexane	1.3	U	5.0	1.3
75-09-2	Methylene Chloride	1.6	U	5.0	1.6
179601-23-1	m-Xylene & p-Xylene	1.5	U	5.0	1.5
95-47-6	o-Xylene	1.8	U	5.0	1.8
100-42-5	Styrene	2.1	U	5.0	2.1
127-18-4	Tetrachloroethene	1600		5.0	1.2
108-88-3	Toluene	1.9	U	5.0	1.9
156-60-5	trans-1,2-Dichloroethene	1.2	U	5.0	1.2
10061-02-6	trans-1,3-Dichloropropene	2.4	U	5.0	2.4
79-01-6	Trichloroethene	33		5.0	1.6
75-69-4	Trichlorofluoromethane	0.72	U	5.0	0.72
75-01-4	Vinyl chloride	0.86	U	5.0	0.86
107-06-2	1,2-Dichloroethane	2.2	U	5.0	2.2
95-50-1	1,2-Dichlorobenzene	2.2	U	5.0	2.2
96-12-8	1,2-Dibromo-3-Chloropropane	1.9	U	5.0	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		74-132
460-00-4	4-Bromofluorobenzene	112		77-124
1868-53-7	Dibromofluoromethane (Surr)	109		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32036.D
 Lims ID: 460-159568-B-1
 Client ID: FSMW-14B 06262018
 Sample Type: Client
 Inject. Date: 10-Jul-2018 09:01:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Sample Info: 460-159568-B-1
 Misc. Info.: 460-0075161-024
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:27:35 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:21:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.636	2.624	0.012	0	248811	1000.0	
* 39 2-Butanone-d5	46	3.721	3.710	0.011	0	291033	250.0	
40 cis-1,2-Dichloroethene	96	3.744	3.733	0.011	40	1429	0.4209	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.213	0.011	97	107535	54.3	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	61	119221	53.0	
* 63 Fluorobenzene	96	4.899	4.887	0.012	98	465322	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	96	18547	6.62	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	97	17081	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.796	0.011	98	371558	51.5	
85 Tetrachloroethene	166	7.470	7.459	0.011	99	861211	313.5	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	89	326860	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	168456	56.2	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	97	180288	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32036.D

Injection Date: 10-Jul-2018 09:01:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-B-1

Lab Sample ID: 460-159568-1

Worklist Smp#: 24

Client ID: FSMW-14B 06262018

Purge Vol: 5.000 mL

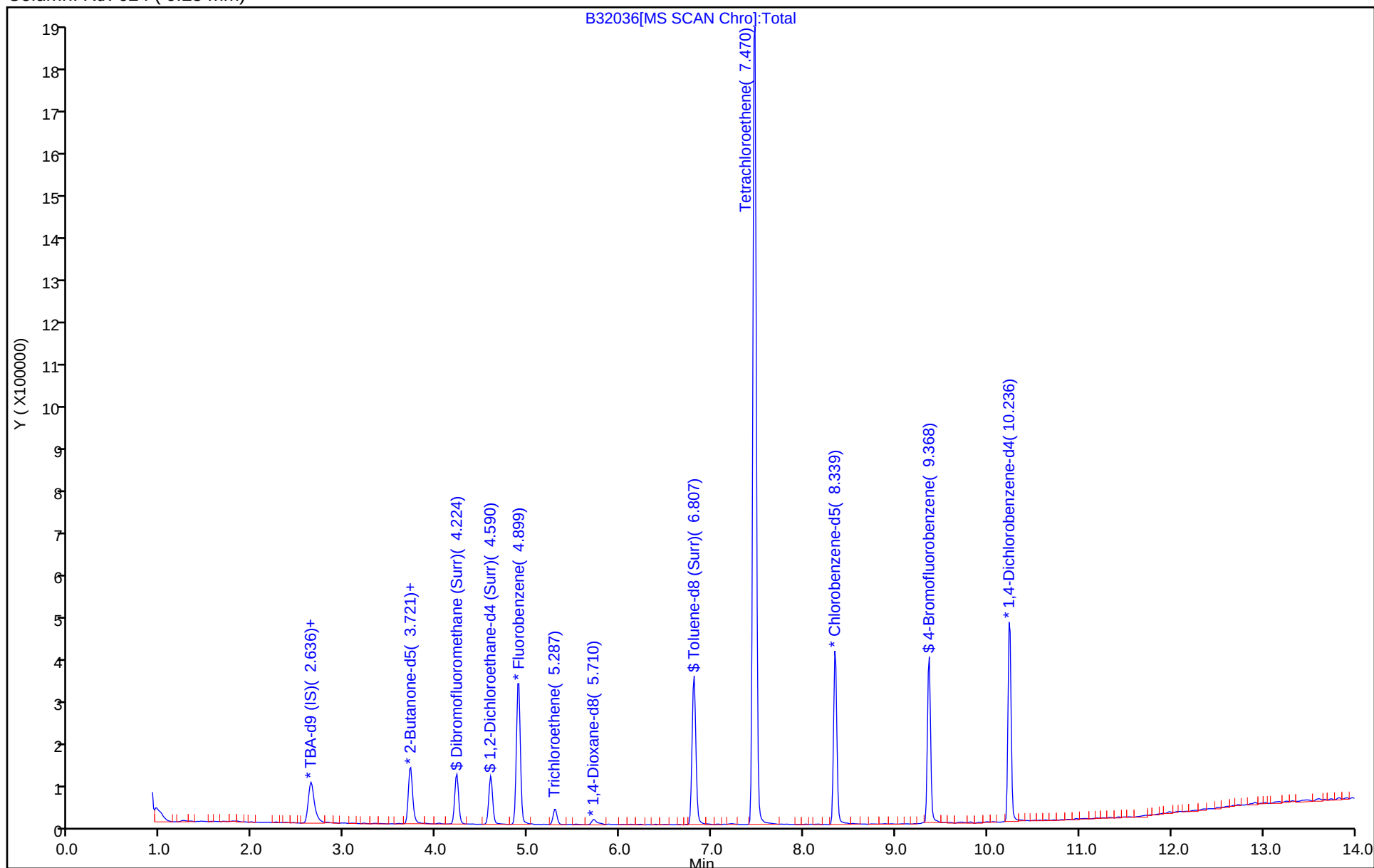
Dil. Factor: 5.0000

ALS Bottle#: 23

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32036.D

Injection Date: 10-Jul-2018 09:01:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-1

Lab Sample ID: 460-159568-1

Client ID: FSMW-14B 06262018

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_2

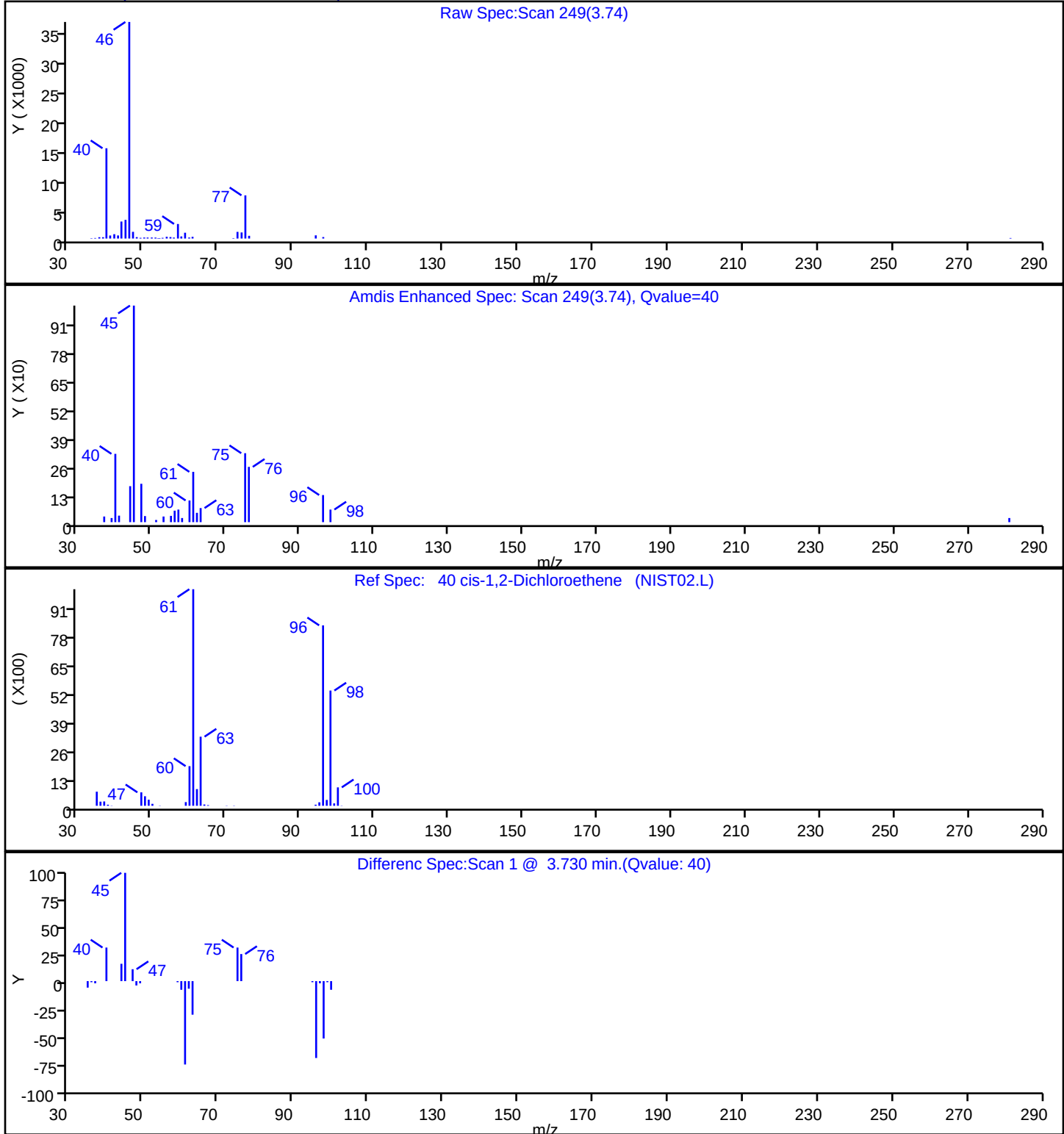
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32036.D

Injection Date: 10-Jul-2018 09:01:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-1

Lab Sample ID: 460-159568-1

Client ID: FSMW-14B 06262018

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_2

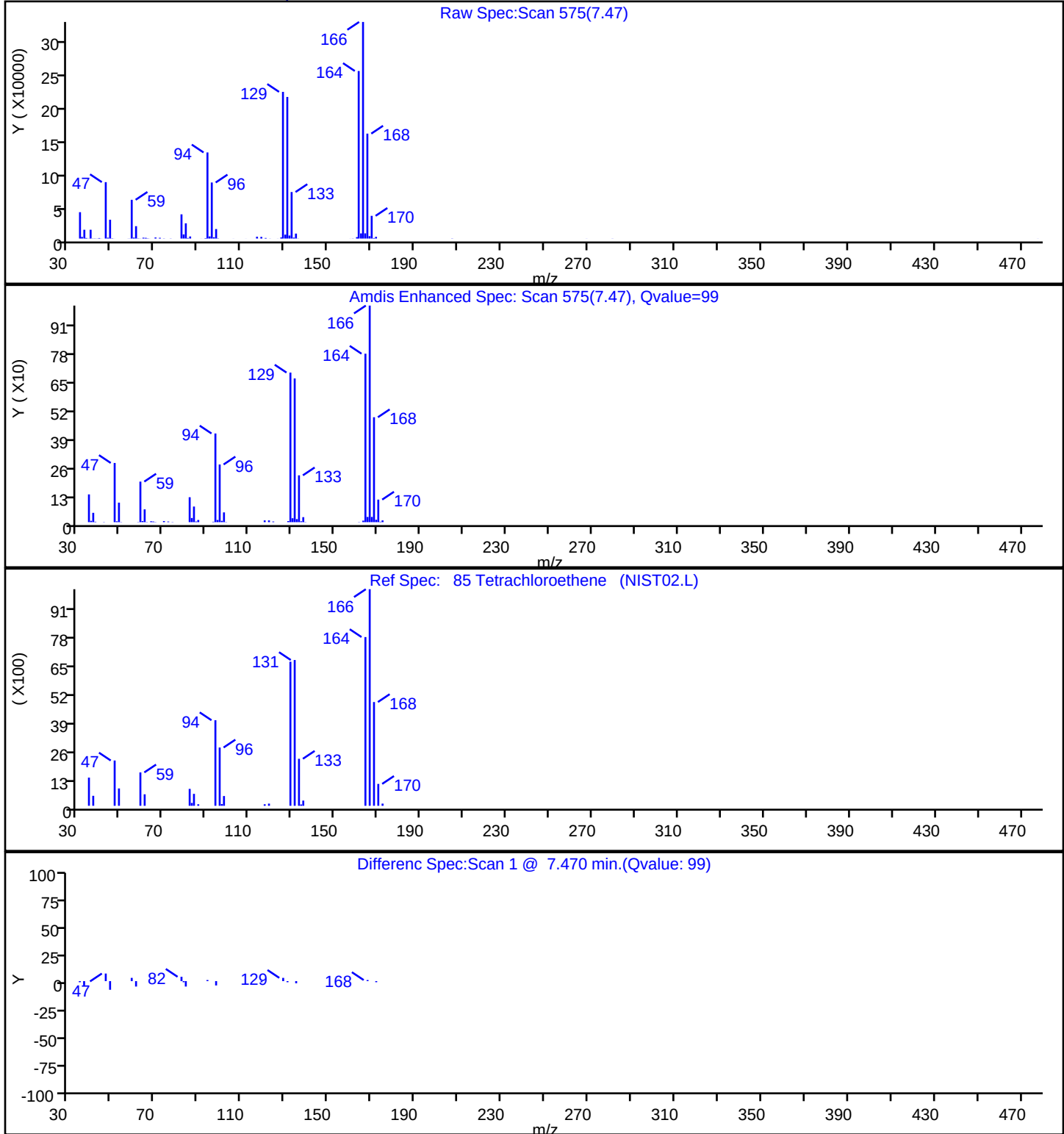
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32036.D

Injection Date: 10-Jul-2018 09:01:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-1

Lab Sample ID: 460-159568-1

Client ID: FSMW-14B 06262018

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_2

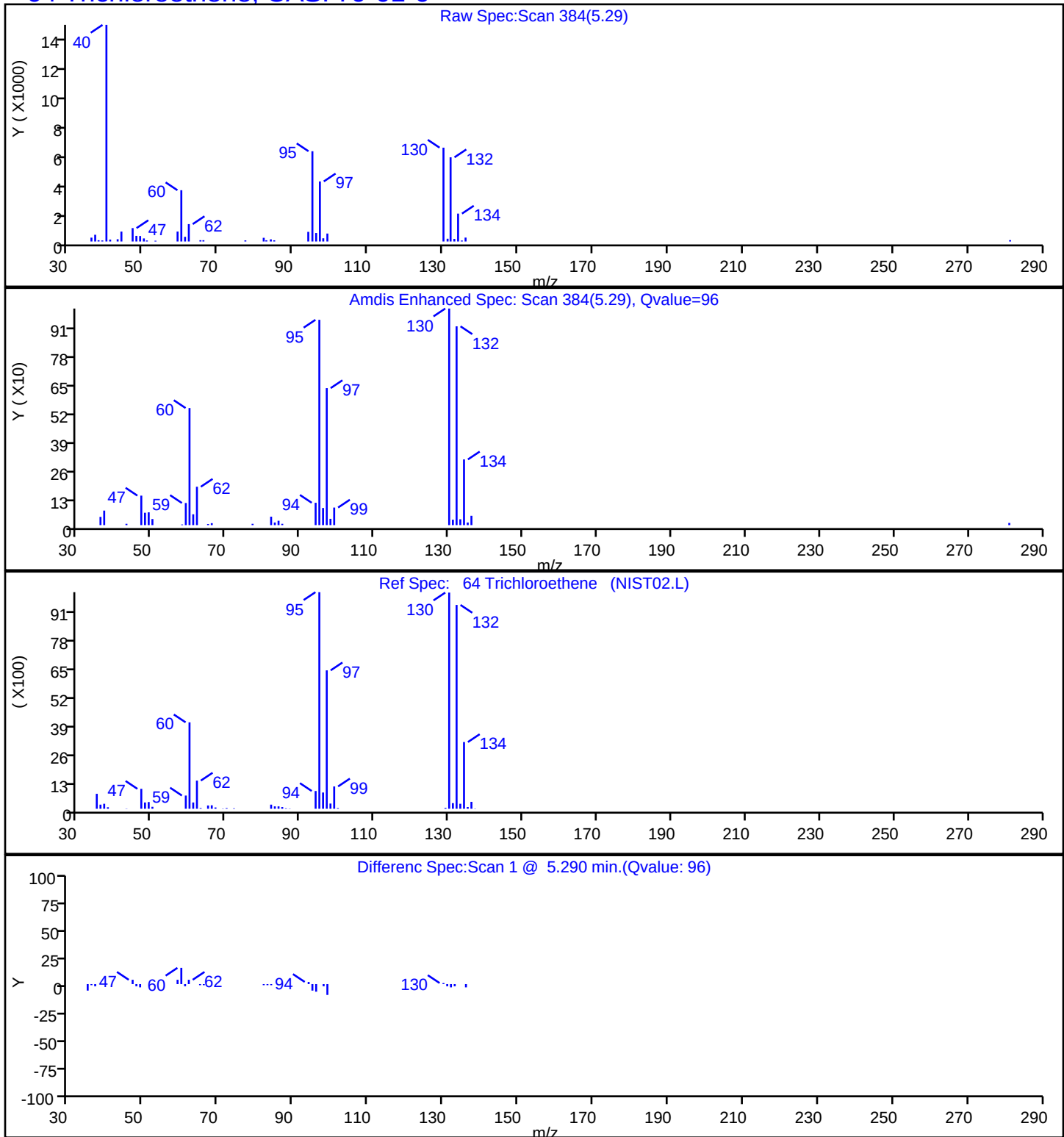
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32036.D

Injection Date: 10-Jul-2018 09:01:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-1

Lab Sample ID: 460-159568-1

Client ID: FSMW-14B 06262018

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

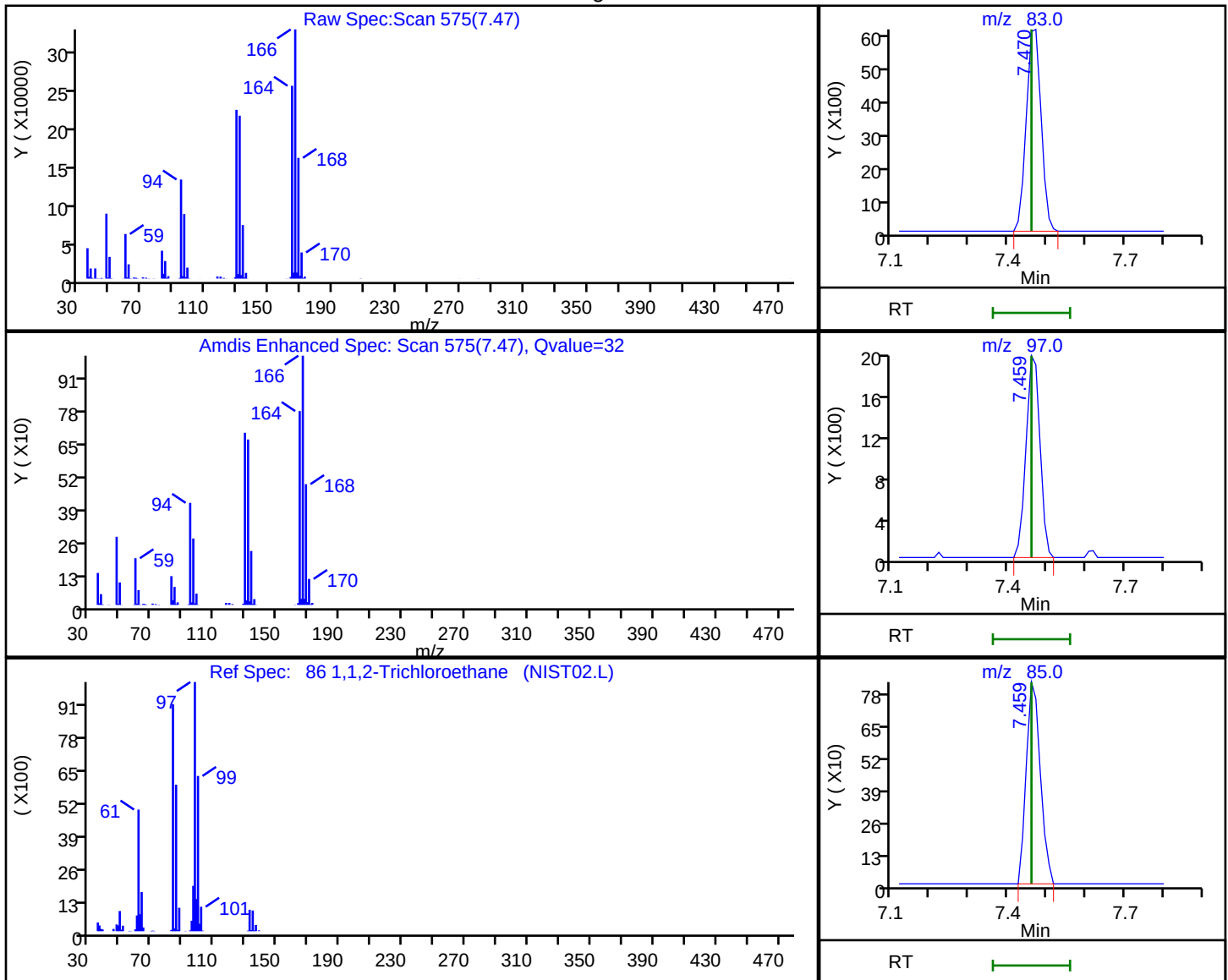
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

86 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.47	83.00	16388	7.977434
7.46	97.00	4929	
7.46	85.00	2094	

Reviewer: delpolitov, 10-Jul-2018 17:21:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: FSMW-14A 06262018 Lab Sample ID: 460-159568-2

Matrix: Water Lab File ID: B32037.D

Analysis Method: 8260C Date Collected: 06/26/2018 10:05

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 09:25

Soil Aliquot Vol: _____ Dilution Factor: 5

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

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

Analysis Batch No.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	5.0	1.2
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	5.0	1.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	U	5.0	1.6
79-00-5	1,1,2-Trichloroethane	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	1.3	U	5.0	1.3
75-35-4	1,1-Dichloroethene	0.59	U	5.0	0.59
87-61-6	1,2,3-Trichlorobenzene	1.8	U	5.0	1.8
120-82-1	1,2,4-Trichlorobenzene	1.8	U	5.0	1.8
78-87-5	1,2-Dichloropropane	1.8	U	5.0	1.8
541-73-1	1,3-Dichlorobenzene	1.7	U	5.0	1.7
106-46-7	1,4-Dichlorobenzene	3.8	U	5.0	3.8
123-91-1	1,4-Dioxane	140	U	250	140
78-93-3	2-Butanone (MEK)	9.3	U	25	9.3
591-78-6	2-Hexanone	15	U	25	15
108-10-1	4-Methyl-2-pentanone (MIBK)	14	U	25	14
67-64-1	Acetone	25	U	25	25
71-43-2	Benzene	2.1	U	5.0	2.1
75-25-2	Bromoform	2.7	U	5.0	2.7
74-83-9	Bromomethane	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.78	U	5.0	0.78
56-23-5	Carbon tetrachloride	1.0	U	5.0	1.0
108-90-7	Chlorobenzene	1.9	U	5.0	1.9
74-97-5	Chlorobromomethane	2.1	U	5.0	2.1
124-48-1	Chlorodibromomethane	1.4	U	5.0	1.4
75-00-3	Chloroethane	1.6	U	5.0	1.6
67-66-3	Chloroform	1.6	U	5.0	1.6
74-87-3	Chloromethane	0.72	U	5.0	0.72
156-59-2	cis-1,2-Dichloroethene	14		5.0	1.1
10061-01-5	cis-1,3-Dichloropropene	2.3	U	5.0	2.3
110-82-7	Cyclohexane	1.6	U	5.0	1.6
75-27-4	Dichlorobromomethane	1.7	U	5.0	1.7
75-71-8	Dichlorodifluoromethane	0.61	U	5.0	0.61
100-41-4	Ethylbenzene	1.5	U	5.0	1.5
106-93-4	Ethylene Dibromide	2.5	U	5.0	2.5
98-82-8	Isopropylbenzene	1.7	U	5.0	1.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-14A 06262018</u>	Lab Sample ID: <u>460-159568-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32037.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/26/2018 10:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 09:25</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>5</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>534820</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	1.6	U	25	1.6
1634-04-4	Methyl tert-butyl ether	2.3	U	5.0	2.3
108-87-2	Methylcyclohexane	1.3	U	5.0	1.3
75-09-2	Methylene Chloride	1.6	U	5.0	1.6
179601-23-1	m-Xylene & p-Xylene	1.5	U	5.0	1.5
95-47-6	o-Xylene	1.8	U	5.0	1.8
100-42-5	Styrene	2.1	U	5.0	2.1
127-18-4	Tetrachloroethene	1600		5.0	1.2
108-88-3	Toluene	1.9	U	5.0	1.9
156-60-5	trans-1,2-Dichloroethene	1.2	U	5.0	1.2
10061-02-6	trans-1,3-Dichloropropene	2.4	U	5.0	2.4
79-01-6	Trichloroethene	45		5.0	1.6
75-69-4	Trichlorofluoromethane	0.72	U	5.0	0.72
75-01-4	Vinyl chloride	0.86	U	5.0	0.86
107-06-2	1,2-Dichloroethane	2.2	U	5.0	2.2
95-50-1	1,2-Dichlorobenzene	2.2	U	5.0	2.2
96-12-8	1,2-Dibromo-3-Chloropropane	1.9	U	5.0	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		74-132
460-00-4	4-Bromofluorobenzene	104		77-124
1868-53-7	Dibromofluoromethane (Surr)	97		72-131
2037-26-5	Toluene-d8 (Surr)	96		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32037.D
 Lims ID: 460-159568-B-2
 Client ID: FSMW-14A 06262018
 Sample Type: Client
 Inject. Date: 10-Jul-2018 09:25:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Sample Info: 460-159568-B-2
 Misc. Info.: 460-0075161-025
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:27:35 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:22:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.636	2.624	0.012	0	270990	1000.0	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	309919	250.0	
40 cis-1,2-Dichloroethene	96	3.744	3.733	0.011	90	10702	2.88	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.213	0.011	96	105112	48.4	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	60	118651	48.2	
* 63 Fluorobenzene	96	4.899	4.887	0.012	98	509379	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	96	27794	9.07	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	97	20275	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.808	6.796	0.012	98	378613	47.9	
85 Tetrachloroethene	166	7.470	7.459	0.011	99	978269	325.3	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	89	357777	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	170899	52.1	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	97	196602	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32037.D

Injection Date: 10-Jul-2018 09:25:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-B-2

Lab Sample ID: 460-159568-2

Worklist Smp#: 25

Client ID: FSMW-14A 06262018

Purge Vol: 5.000 mL

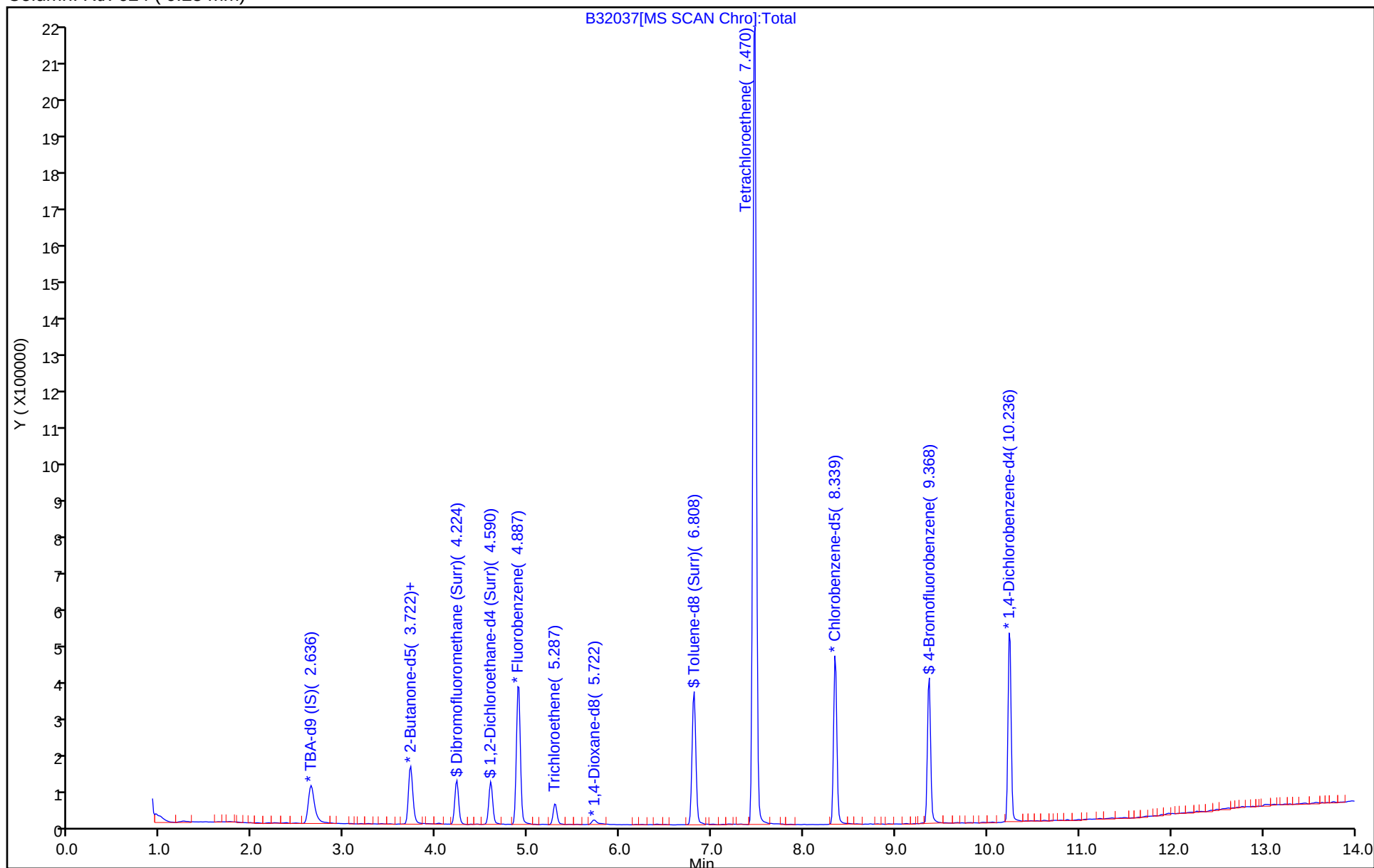
Dil. Factor: 5.0000

ALS Bottle#: 24

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32037.D

Injection Date: 10-Jul-2018 09:25:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-2

Lab Sample ID: 460-159568-2

Client ID: FSMW-14A 06262018

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_2

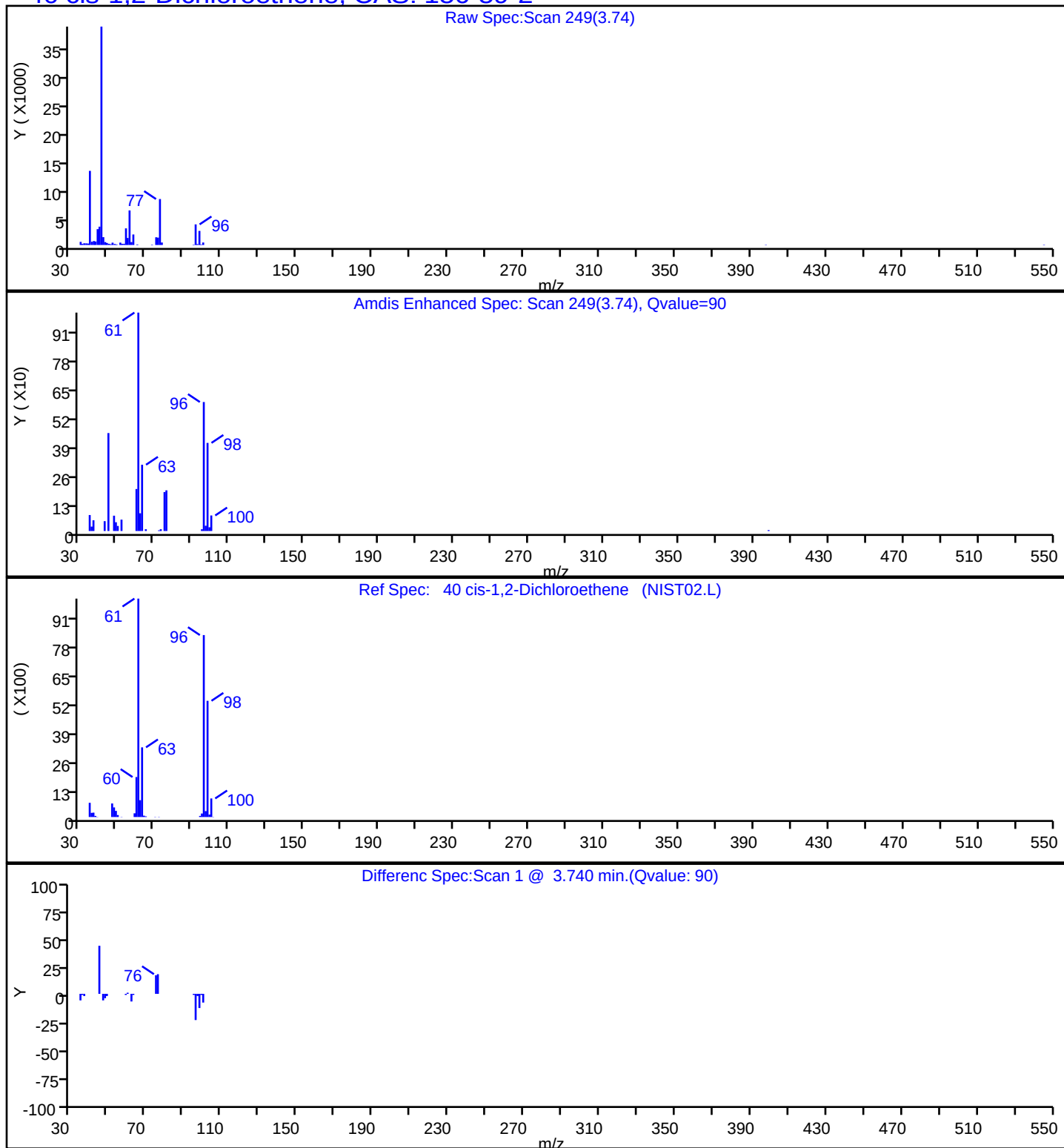
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32037.D

Injection Date: 10-Jul-2018 09:25:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-2

Lab Sample ID: 460-159568-2

Client ID: FSMW-14A 06262018

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_2

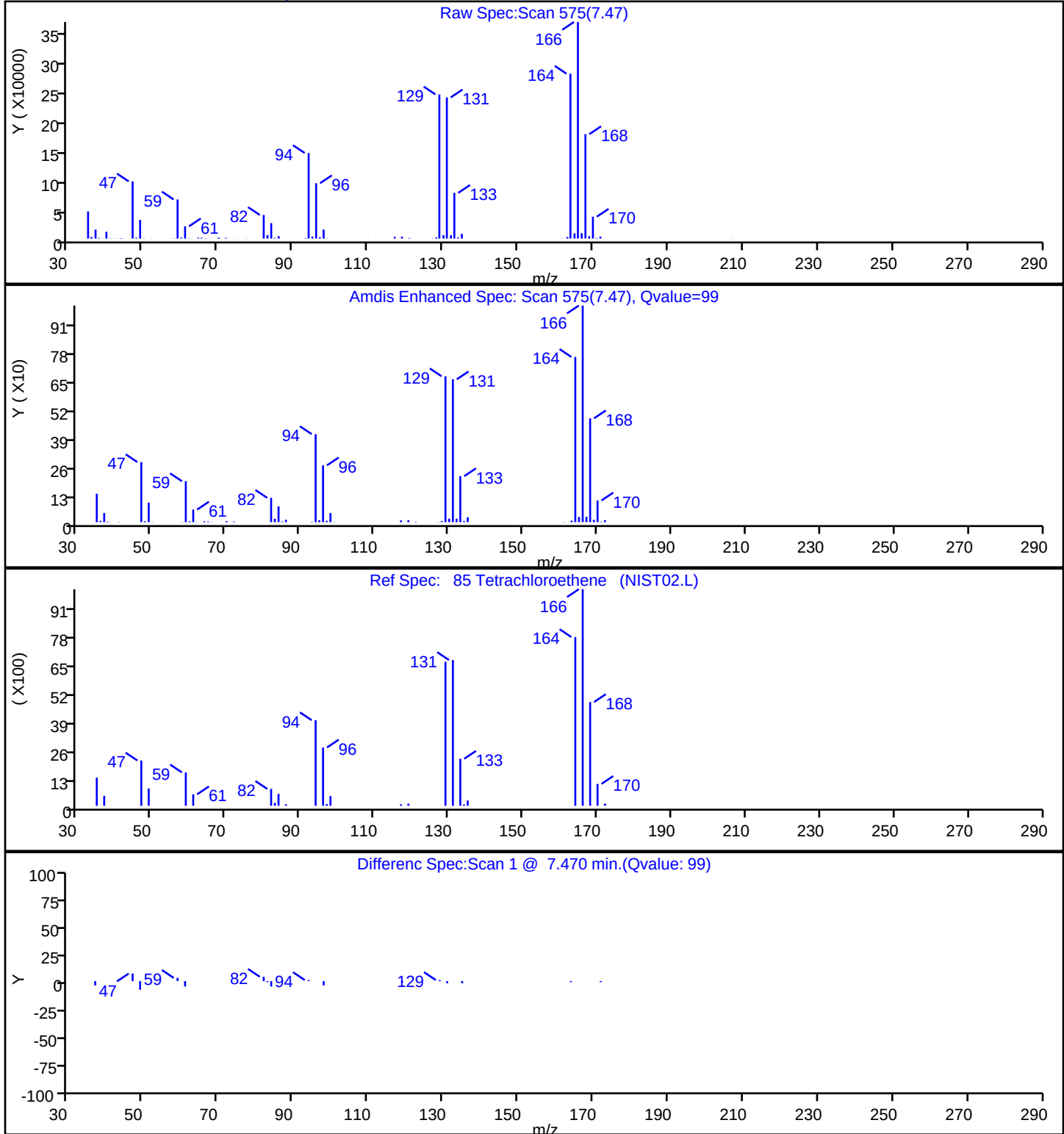
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32037.D

Injection Date: 10-Jul-2018 09:25:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-2

Lab Sample ID: 460-159568-2

Client ID: FSMW-14A 06262018

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_2

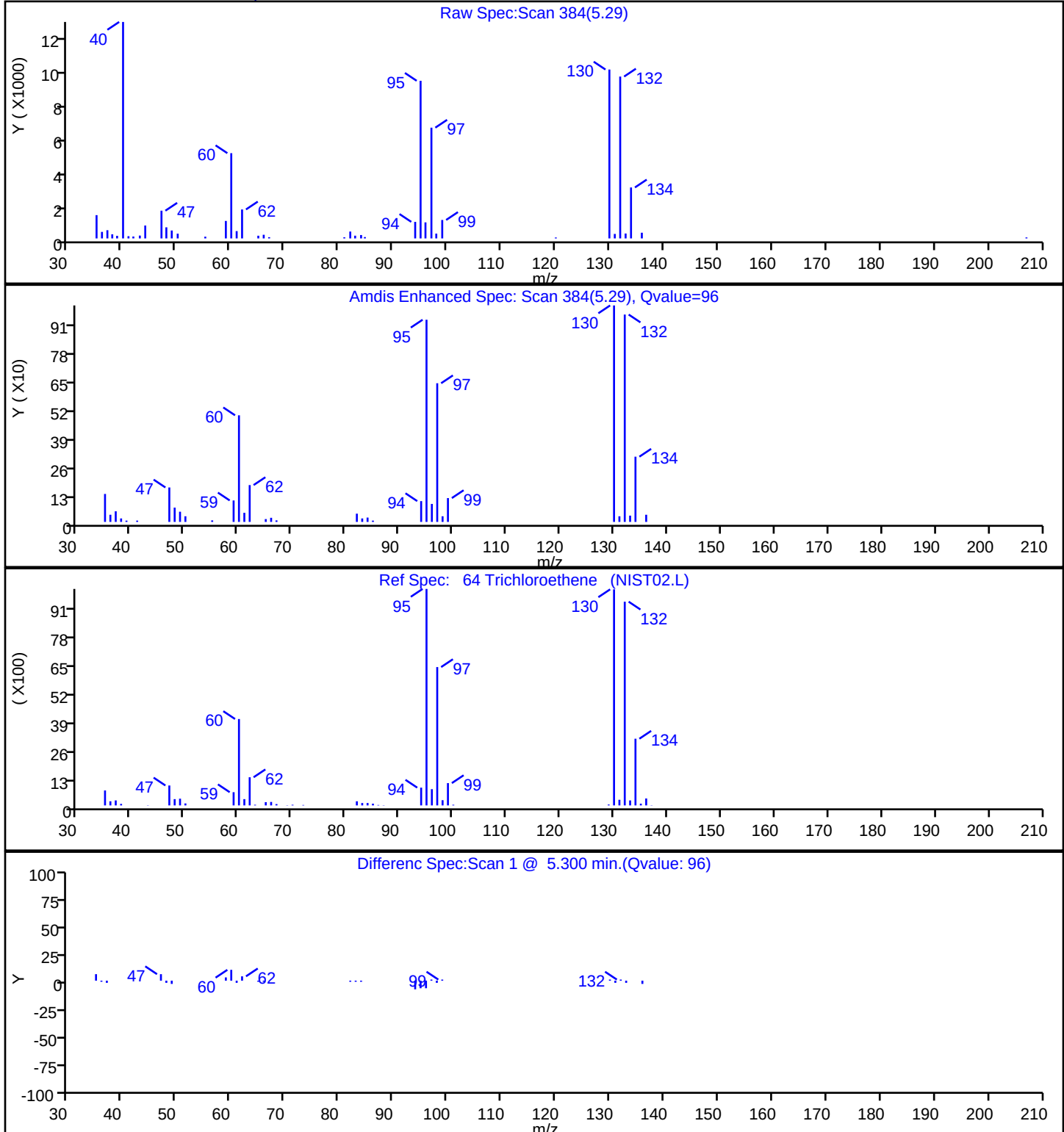
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32037.D

Injection Date: 10-Jul-2018 09:25:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-2

Lab Sample ID: 460-159568-2

Client ID: FSMW-14A 06262018

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

Method: 8260W_2

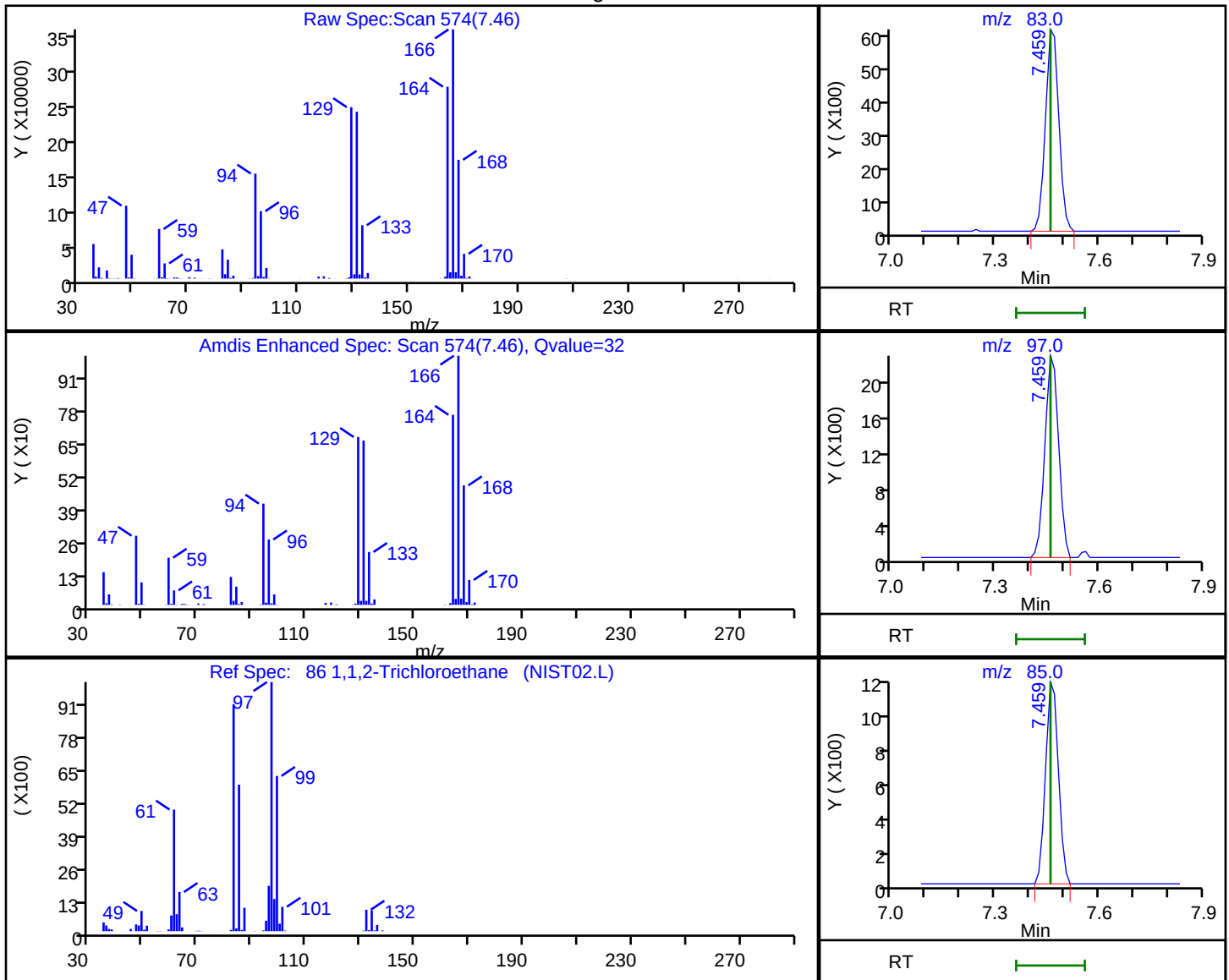
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.46	83.00	16626	7.393914
7.46	97.00	6246	
7.46	85.00	2867	

Reviewer: delpolitov, 10-Jul-2018 17:22:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: FSMW-2B 06272018 Lab Sample ID: 460-159568-3

Matrix: Water Lab File ID: B32030.D

Analysis Method: 8260C Date Collected: 06/27/2018 13:35

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 06:34

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.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	2.7		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Client Sample ID: FSMW-2B 06272018 Lab Sample ID: 460-159568-3
 Matrix: Water Lab File ID: B32030.D
 Analysis Method: 8260C Date Collected: 06/27/2018 13:35
 Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 06:34
 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.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.31	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.71	J	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		74-132
460-00-4	4-Bromofluorobenzene	108		77-124
1868-53-7	Dibromofluoromethane (Surr)	104		72-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32030.D
 Lims ID: 460-159568-B-3
 Client ID: FSMW-2B 06272018
 Sample Type: Client
 Inject. Date: 10-Jul-2018 06:34:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-159568-B-3
 Misc. Info.: 460-0075161-018
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:27:35 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:19:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.636	2.624	0.012	0	290710	1000.0	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	340888	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.213	0.011	96	106178	51.8	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	60	118896	51.2	
* 63 Fluorobenzene	96	4.887	4.887	0.000	98	480821	50.0	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	97	19441	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.796	0.011	98	370991	49.1	
85 Tetrachloroethene	166	7.459	7.459	0.000	88	2040	0.7086	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	89	342530	50.0	
102 Isopropylbenzene	105	9.208	9.196	0.012	97	30950	2.68	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	170356	54.2	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	96	190836	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32030.D

Injection Date: 10-Jul-2018 06:34:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-B-3

Lab Sample ID: 460-159568-3

Worklist Smp#: 18

Client ID: FSMW-2B 06272018

Purge Vol: 5.000 mL

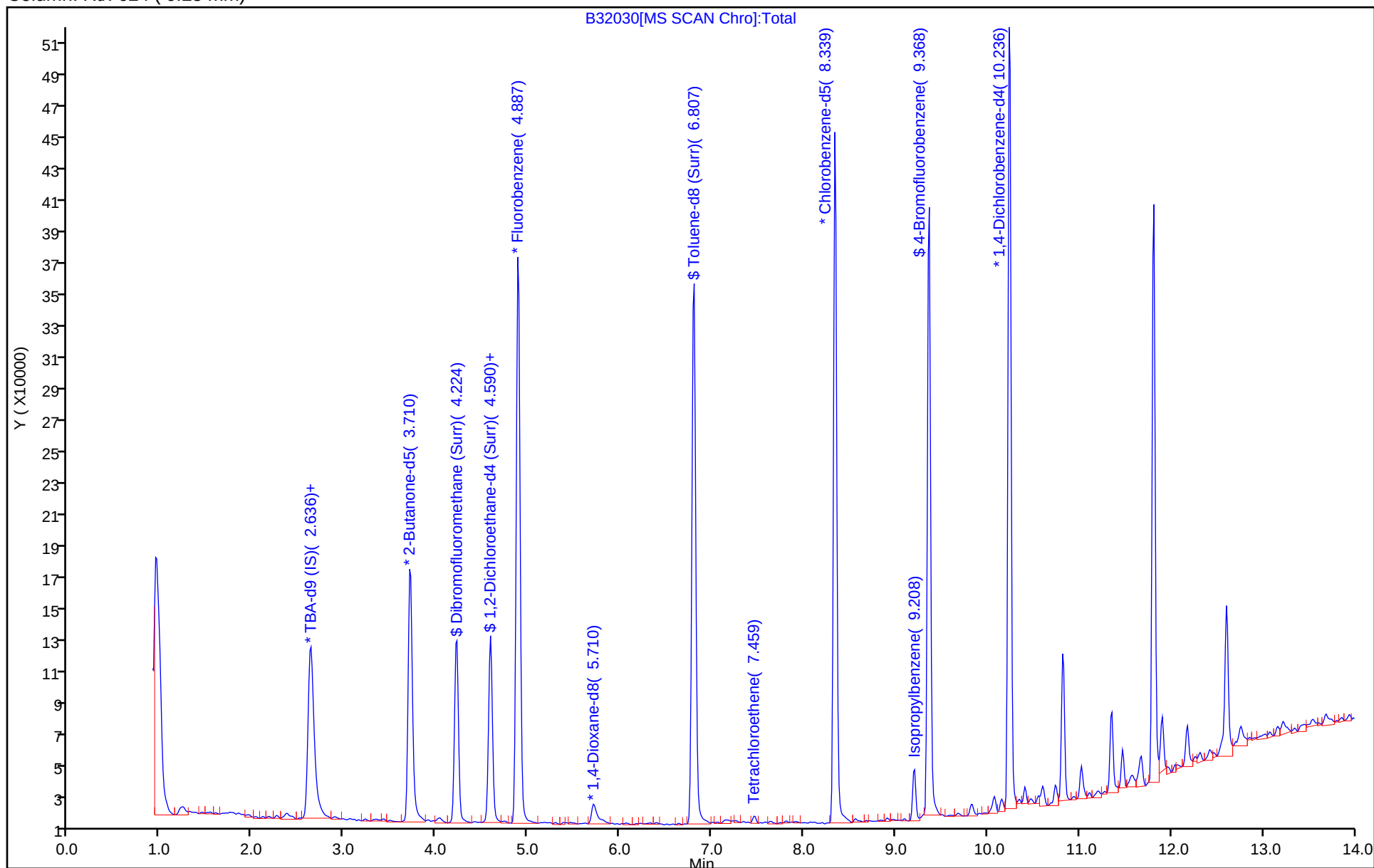
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32030.D

Injection Date: 10-Jul-2018 06:34:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-3

Lab Sample ID: 460-159568-3

Client ID: FSMW-2B 06272018

Operator ID:

ALS Bottle#:

17

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

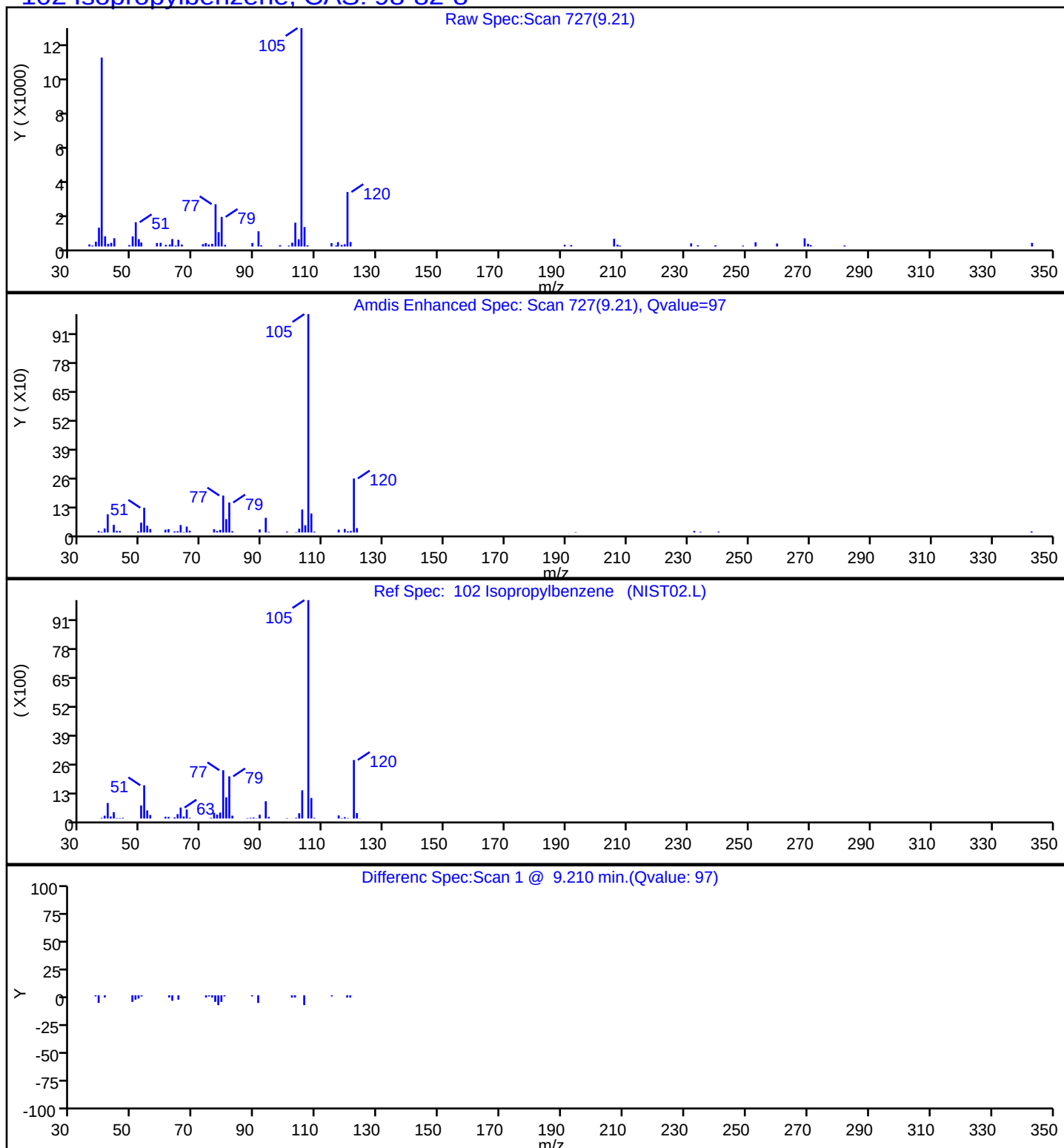
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

102 Isopropylbenzene, CAS: 98-82-8

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32030.D

Injection Date: 10-Jul-2018 06:34:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-3

Lab Sample ID: 460-159568-3

Client ID: FSMW-2B 06272018

Operator ID:

ALS Bottle#:

17

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

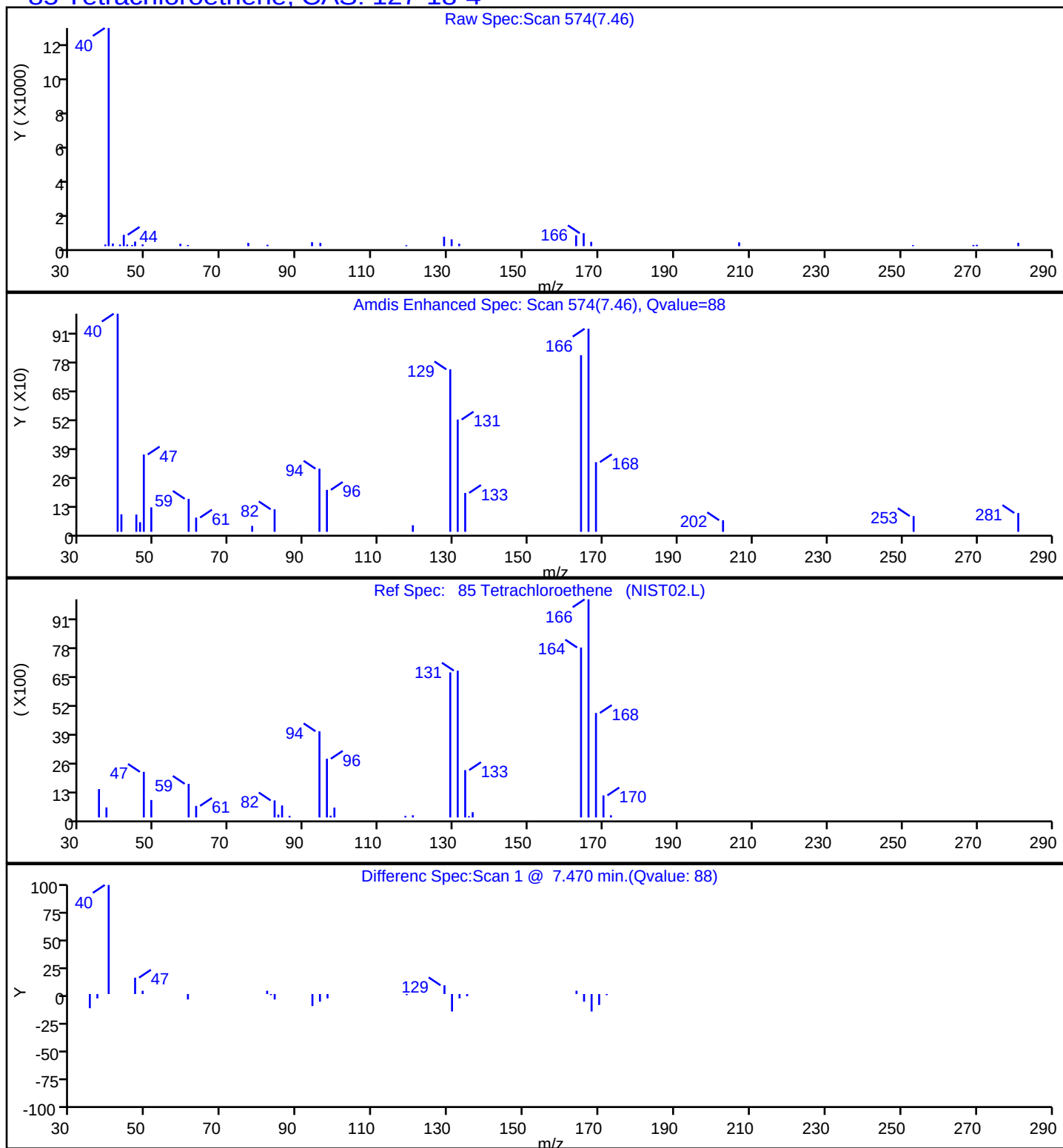
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-4B 06272018</u>	Lab Sample ID: <u>460-159568-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32031.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/27/2018 10:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 06:59</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>534820</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Client Sample ID: FSMW-4B 06272018 Lab Sample ID: 460-159568-4
 Matrix: Water Lab File ID: B32031.D
 Analysis Method: 8260C Date Collected: 06/27/2018 10:45
 Sample wt/vol: 5(mL) Date Analyzed: 07/10/2018 06:59
 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.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.31	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	6.8		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	1.6		1.0	0.31
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		74-132
460-00-4	4-Bromofluorobenzene	103		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	94		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32031.D
 Lims ID: 460-159568-B-4
 Client ID: FSMW-4B 06272018
 Sample Type: Client
 Inject. Date: 10-Jul-2018 06:59:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-159568-B-4
 Misc. Info.: 460-0075161-019
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:27:35 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:19:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.624	2.624	0.000	0	260531	1000.0	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	302292	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.213	4.213	0.000	97	105366	49.7	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	60	117343	48.8	
* 63 Fluorobenzene	96	4.887	4.887	0.000	98	497418	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	95	4885	1.63	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	95	18529	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.796	0.011	98	366526	47.1	
85 Tetrachloroethene	166	7.470	7.459	0.011	96	20220	6.83	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	89	352378	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	94	166833	51.6	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	97	201516	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32031.D

Injection Date: 10-Jul-2018 06:59:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-B-4

Lab Sample ID: 460-159568-4

Worklist Smp#: 19

Client ID: FSMW-4B 06272018

Purge Vol: 5.000 mL

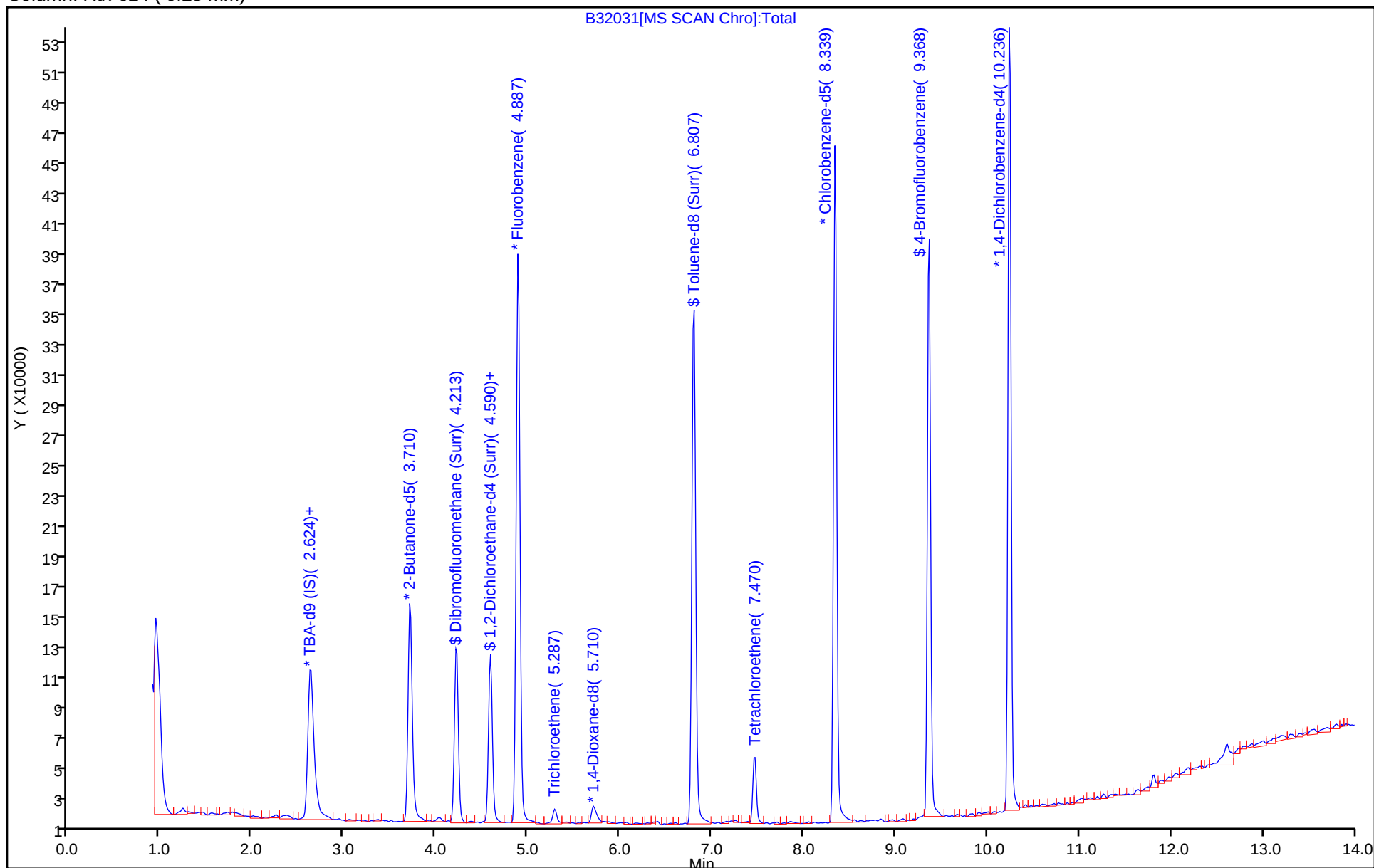
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32031.D

Injection Date: 10-Jul-2018 06:59:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-4

Lab Sample ID: 460-159568-4

Client ID: FSMW-4B 06272018

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

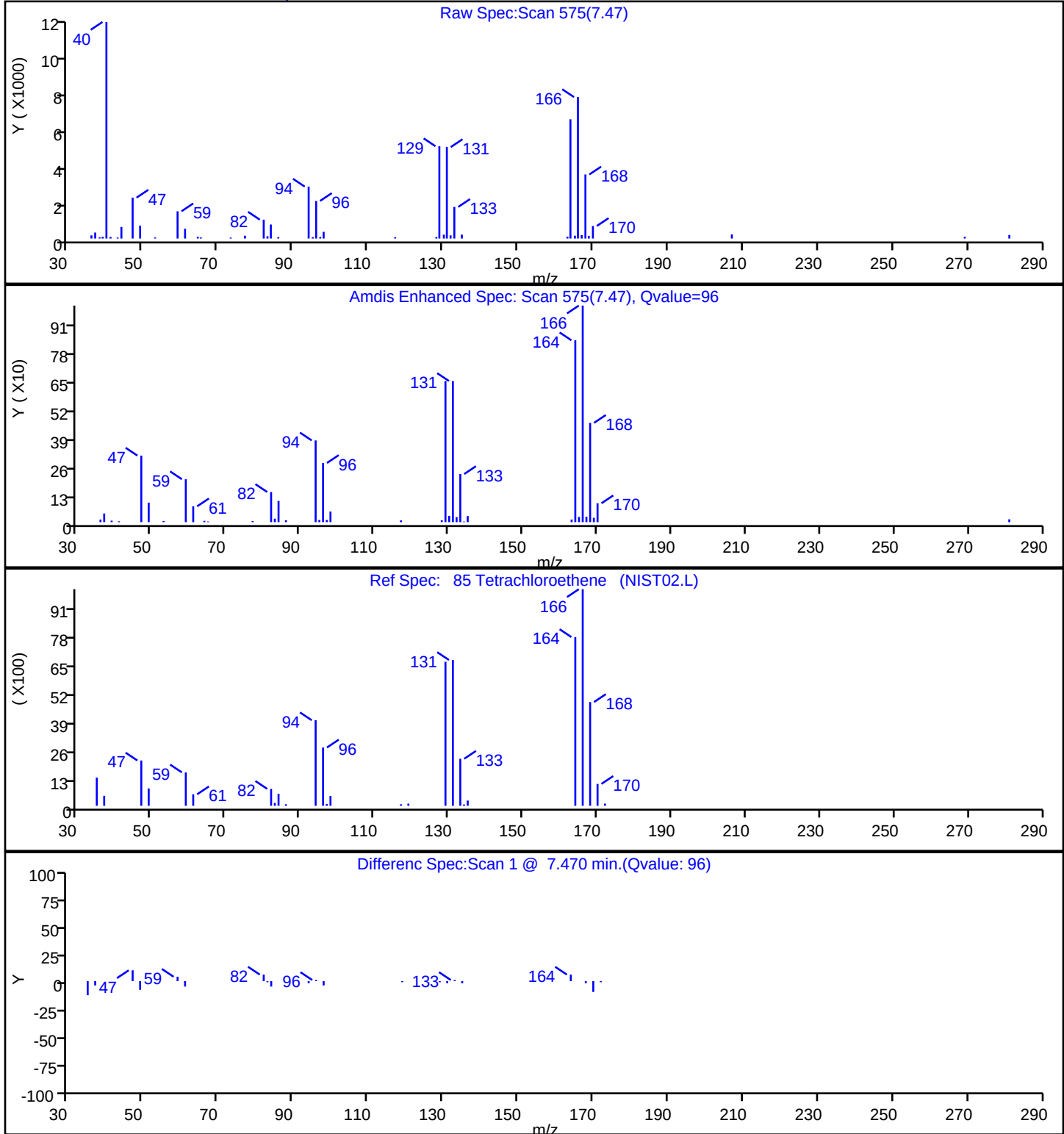
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32031.D

Injection Date: 10-Jul-2018 06:59:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-4

Lab Sample ID: 460-159568-4

Client ID: FSMW-4B 06272018

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

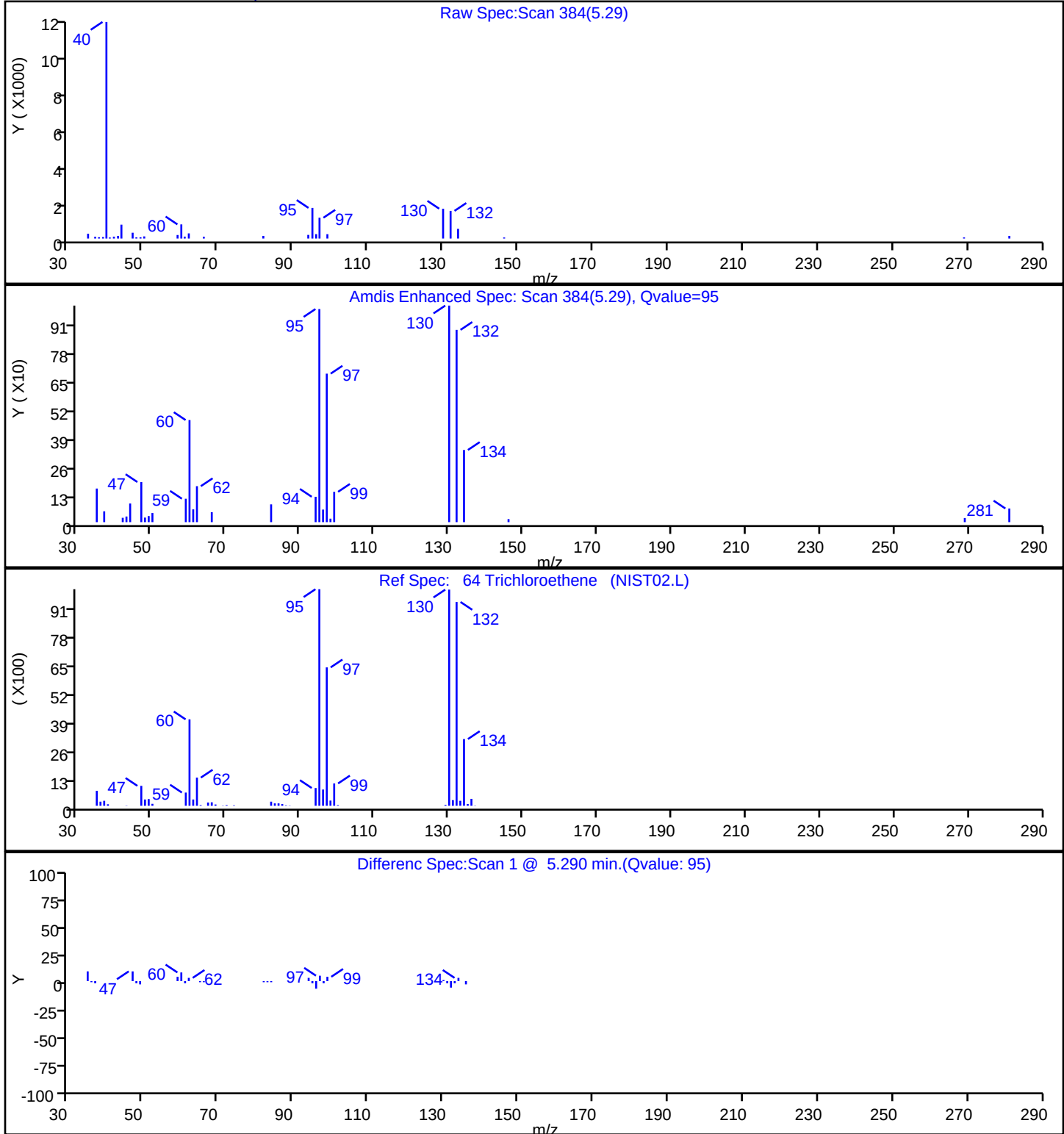
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-4A 06272018</u>	Lab Sample ID: <u>460-159568-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32032.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/27/2018 11:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 07:23</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>534820</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	3.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Client Sample ID: FSMW-4A 06272018 Lab Sample ID: 460-159568-5
 Matrix: Water Lab File ID: B32032.D
 Analysis Method: 8260C Date Collected: 06/27/2018 11:40
 Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 07:23
 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.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.31	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	57		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.92	J	1.0	0.31
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

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

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32032.D
 Lims ID: 460-159568-B-5
 Client ID: FSMW-4A 06272018
 Sample Type: Client
 Inject. Date: 10-Jul-2018 07:23:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-159568-B-5
 Misc. Info.: 460-0075161-020
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:27:35 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:19:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.636	2.624	0.012	0	265766	1000.0	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	312385	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.733	0.000	93	13587	3.75	
\$ 51 Dibromofluoromethane (Surr	113	4.213	4.213	0.000	96	102555	48.5	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	60	116629	48.6	
* 63 Fluorobenzene	96	4.887	4.887	0.000	97	496751	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	91	2736	0.9151	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	97	18257	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.808	6.796	0.012	98	369945	48.5	
85 Tetrachloroethene	166	7.470	7.459	0.011	99	165074	56.8	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	345830	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	166370	52.4	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	97	194841	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32032.D

Injection Date: 10-Jul-2018 07:23:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-B-5

Lab Sample ID: 460-159568-5

Worklist Smp#: 20

Client ID: FSMW-4A 06272018

Purge Vol: 5.000 mL

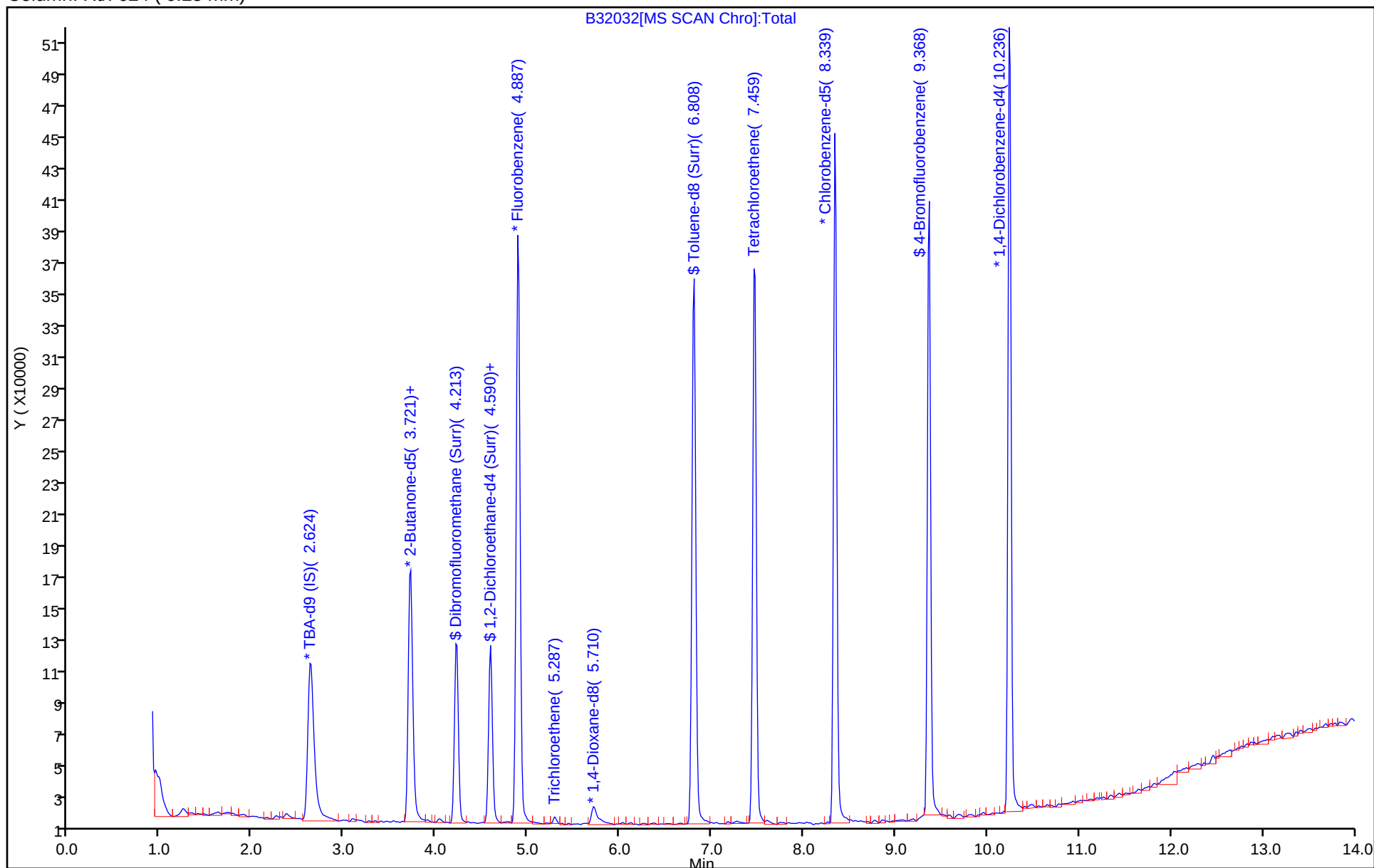
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32032.D

Injection Date: 10-Jul-2018 07:23:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-5

Lab Sample ID: 460-159568-5

Client ID: FSMW-4A 06272018

Operator ID:

ALS Bottle#:

19

Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

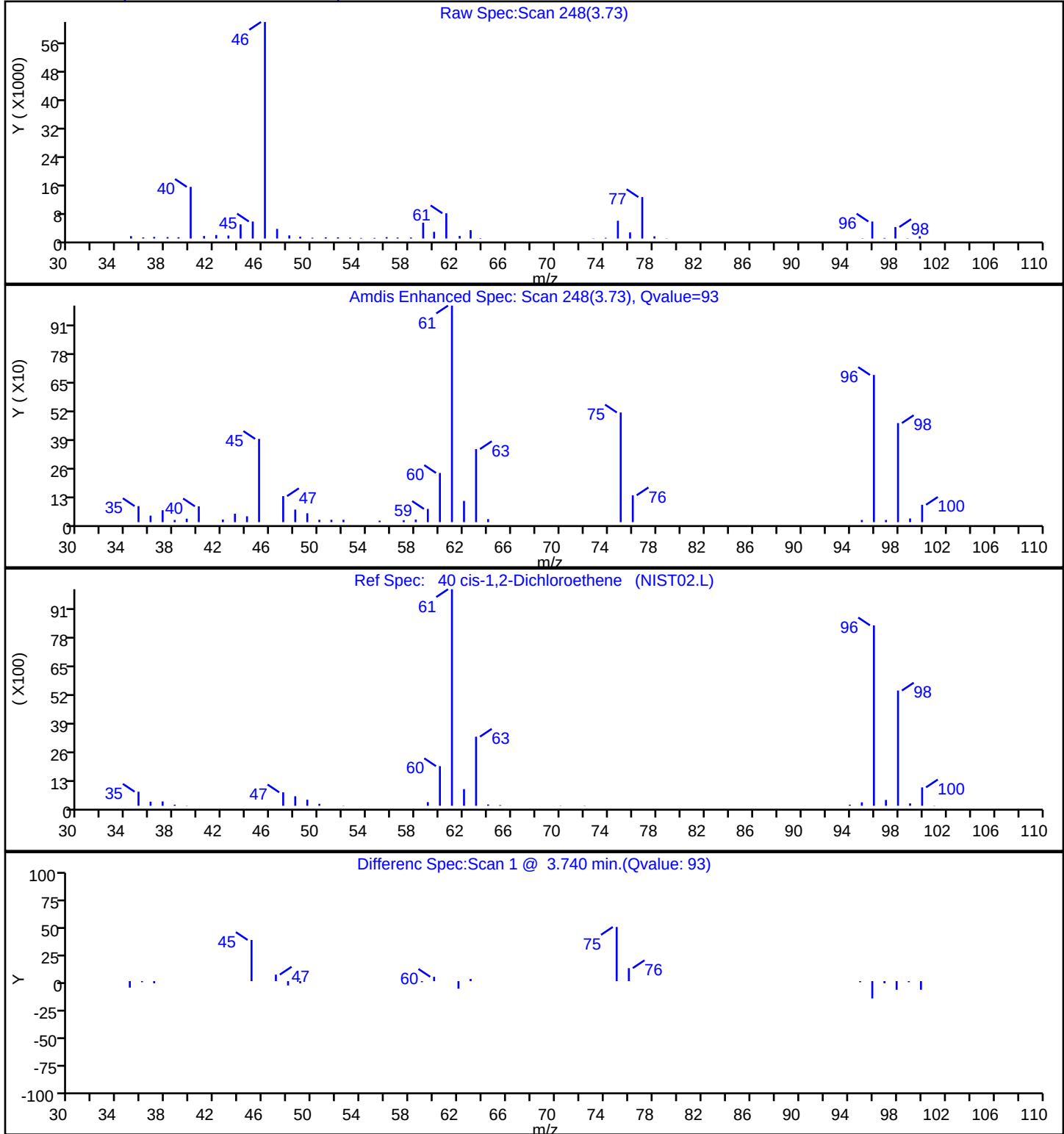
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32032.D

Injection Date: 10-Jul-2018 07:23:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-5

Lab Sample ID: 460-159568-5

Client ID: FSMW-4A 06272018

Operator ID:

ALS Bottle#:

19

Worklist Smp#:

20

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

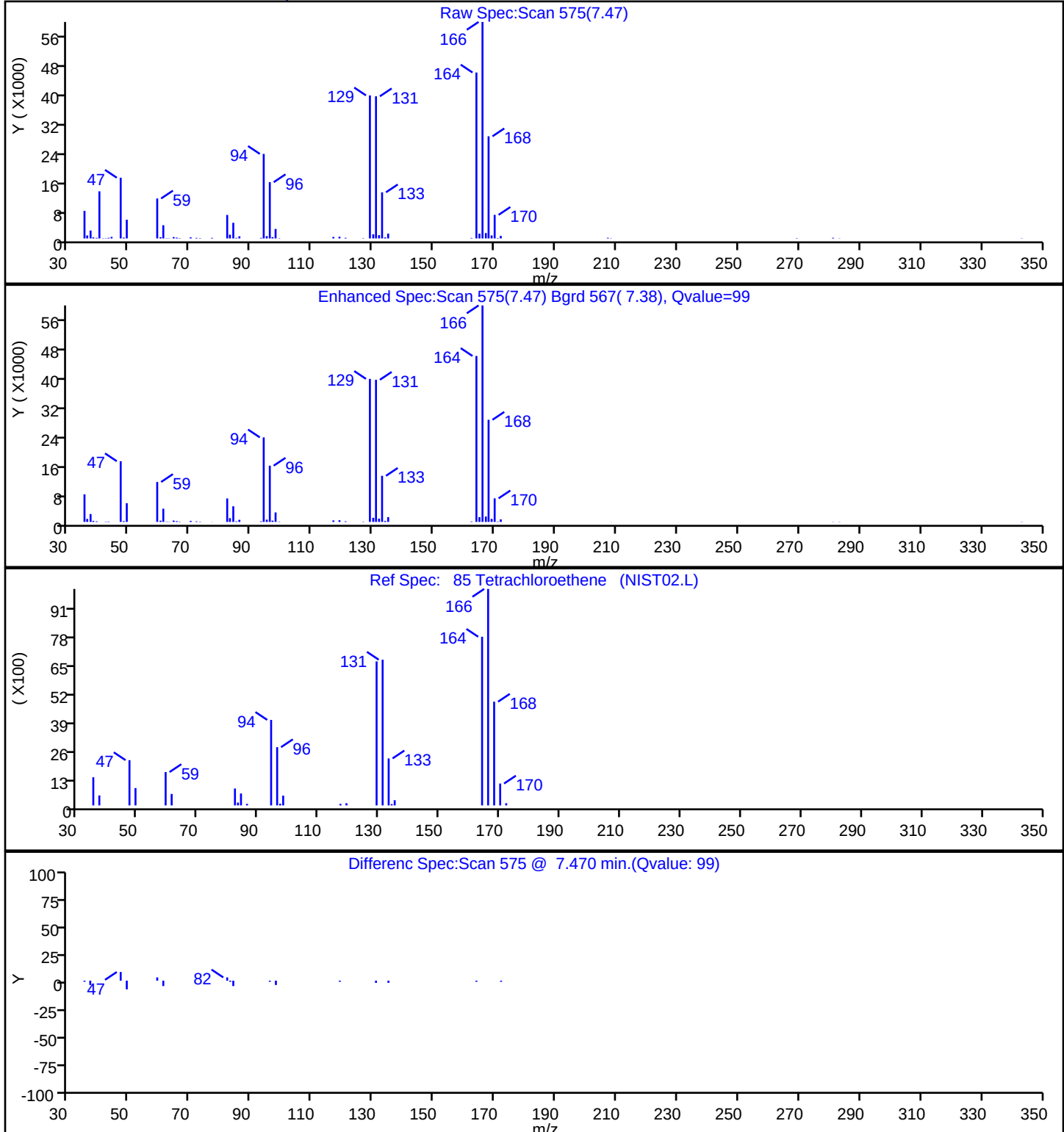
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32032.D

Injection Date: 10-Jul-2018 07:23:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-5

Lab Sample ID: 460-159568-5

Client ID: FSMW-4A 06272018

Operator ID:

ALS Bottle#:

Worklist Smp#: 20

Purge Vol: 5.000 mL

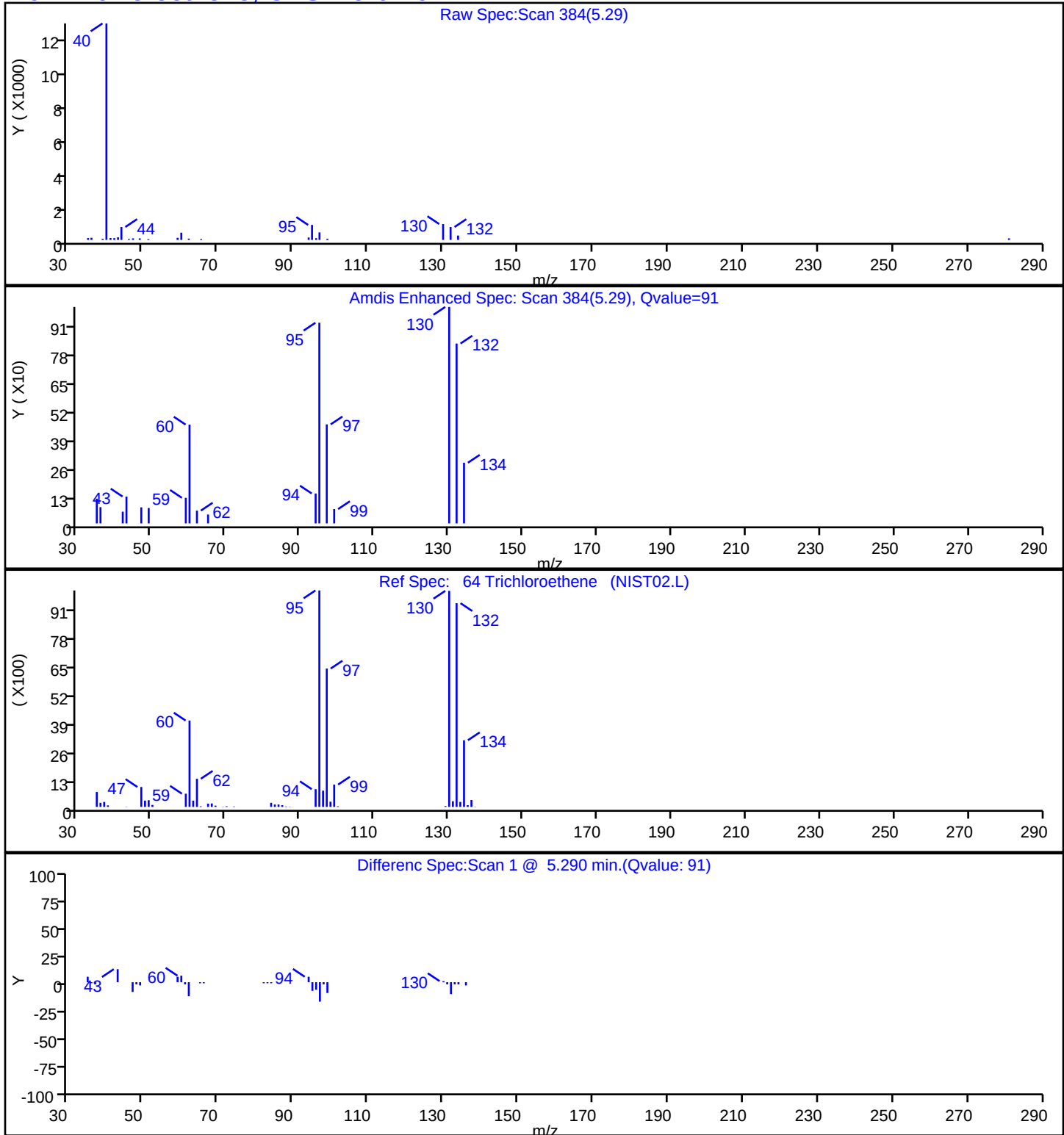
Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

64 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32032.D

Injection Date: 10-Jul-2018 07:23:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-5

Lab Sample ID: 460-159568-5

Client ID: FSMW-4A 06272018

Operator ID:

ALS Bottle#:

19

Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

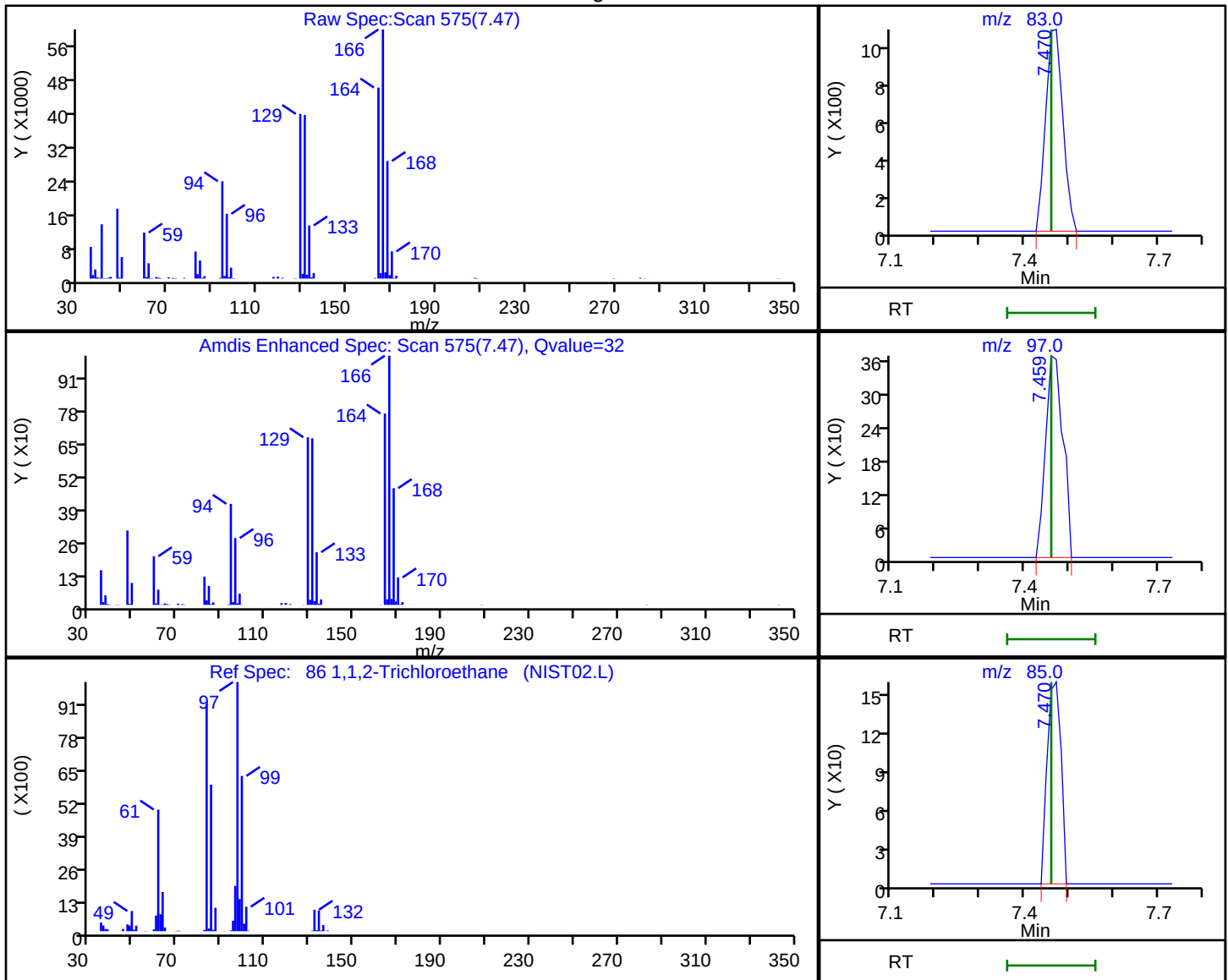
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

86 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.47	83.00	2794	1.285472
7.46	97.00	981	
7.47	85.00	343	

Reviewer: delpolitov, 10-Jul-2018 17:19:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-2A 06272018</u>	Lab Sample ID: <u>460-159568-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32058.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/27/2018 12:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 18:13</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>535008</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U *	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	10		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Client Sample ID: FSMW-2A 06272018 Lab Sample ID: 460-159568-6
 Matrix: Water Lab File ID: B32058.D
 Analysis Method: 8260C Date Collected: 06/27/2018 12:30
 Sample wt/vol: 5(mL) Date Analyzed: 07/10/2018 18:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 535008 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.31	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	200		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	7.9		1.0	0.31
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U *	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		74-132
460-00-4	4-Bromofluorobenzene	108		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	92		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32058.D
 Lims ID: 460-159568-C-6
 Client ID: FSMW-2A 06272018
 Sample Type: Client
 Inject. Date: 10-Jul-2018 18:13:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-159568-C-6
 Misc. Info.: 460-0075202-017
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 18:32:10 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 18:29:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	344474	1000.0	
* 39 2-Butanone-d5	46	3.722	3.721	0.001	0	388532	250.0	
40 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	88	38050	10.3	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.224	0.000	97	107950	50.1	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.602	4.590	0.012	60	119596	48.9	
* 63 Fluorobenzene	96	4.899	4.899	0.000	98	506065	50.0	
64 Trichloroethene	95	5.299	5.299	0.000	97	24168	7.93	
* 70 1,4-Dioxane-d8	96	5.722	5.722	0.000	97	22995	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.808	6.807	0.001	98	366441	46.1	
85 Tetrachloroethene	166	7.470	7.470	0.000	98	600451	198.5	
* 92 Chlorobenzene-d5	117	8.351	8.339	0.012	89	359971	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	92	177573	53.8	
* 119 1,4-Dichlorobenzene-d4	152	10.248	10.236	0.012	96	190092	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75202.b\\B32058.D

Injection Date: 10-Jul-2018 18:13:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-C-6

Lab Sample ID: 460-159568-6

Worklist Smp#: 17

Client ID: FSMW-2A 06272018

Purge Vol: 5.000 mL

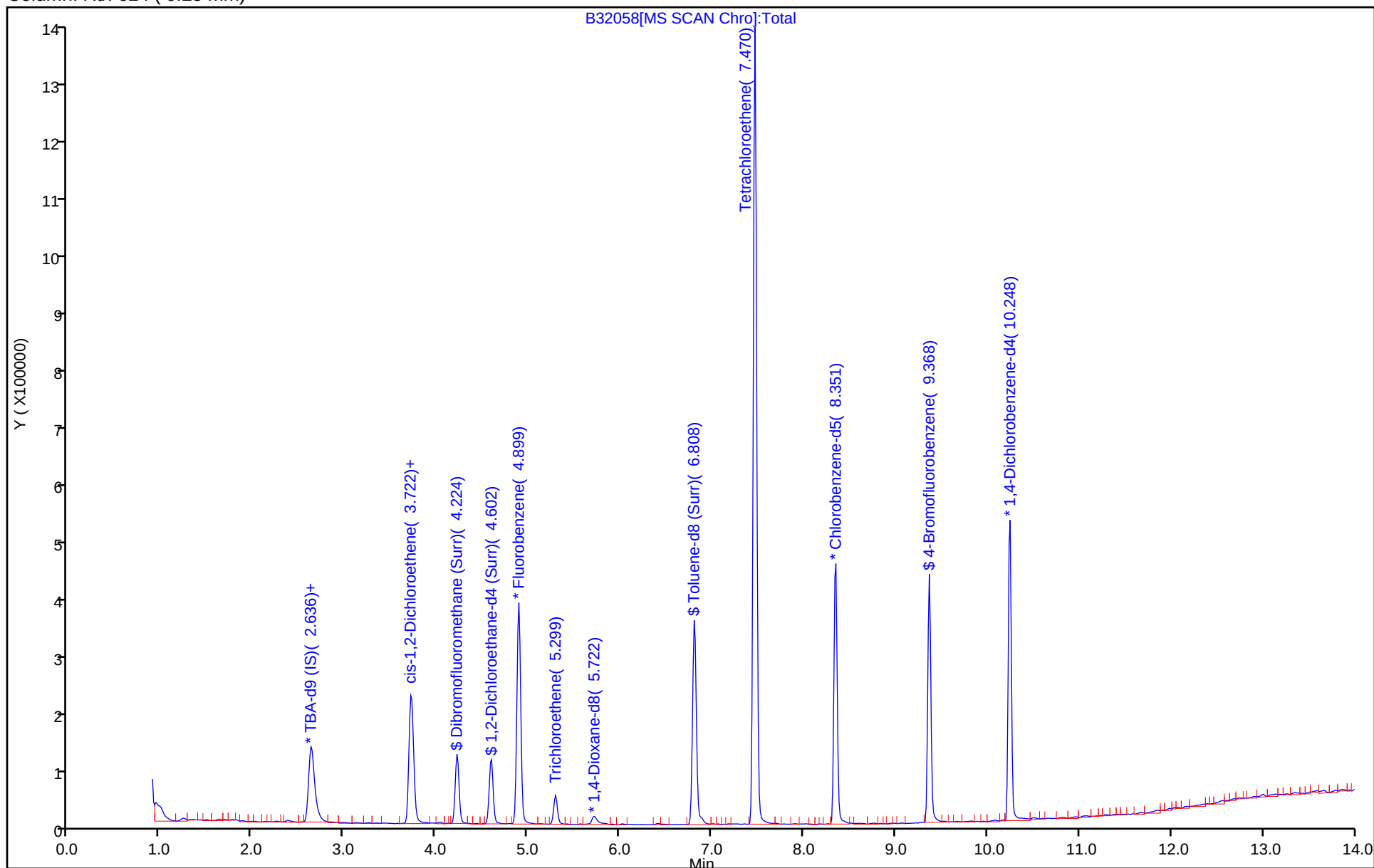
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75202.b\\B32058.D

Injection Date: 10-Jul-2018 18:13:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-C-6

Lab Sample ID: 460-159568-6

Client ID: FSMW-2A 06272018

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

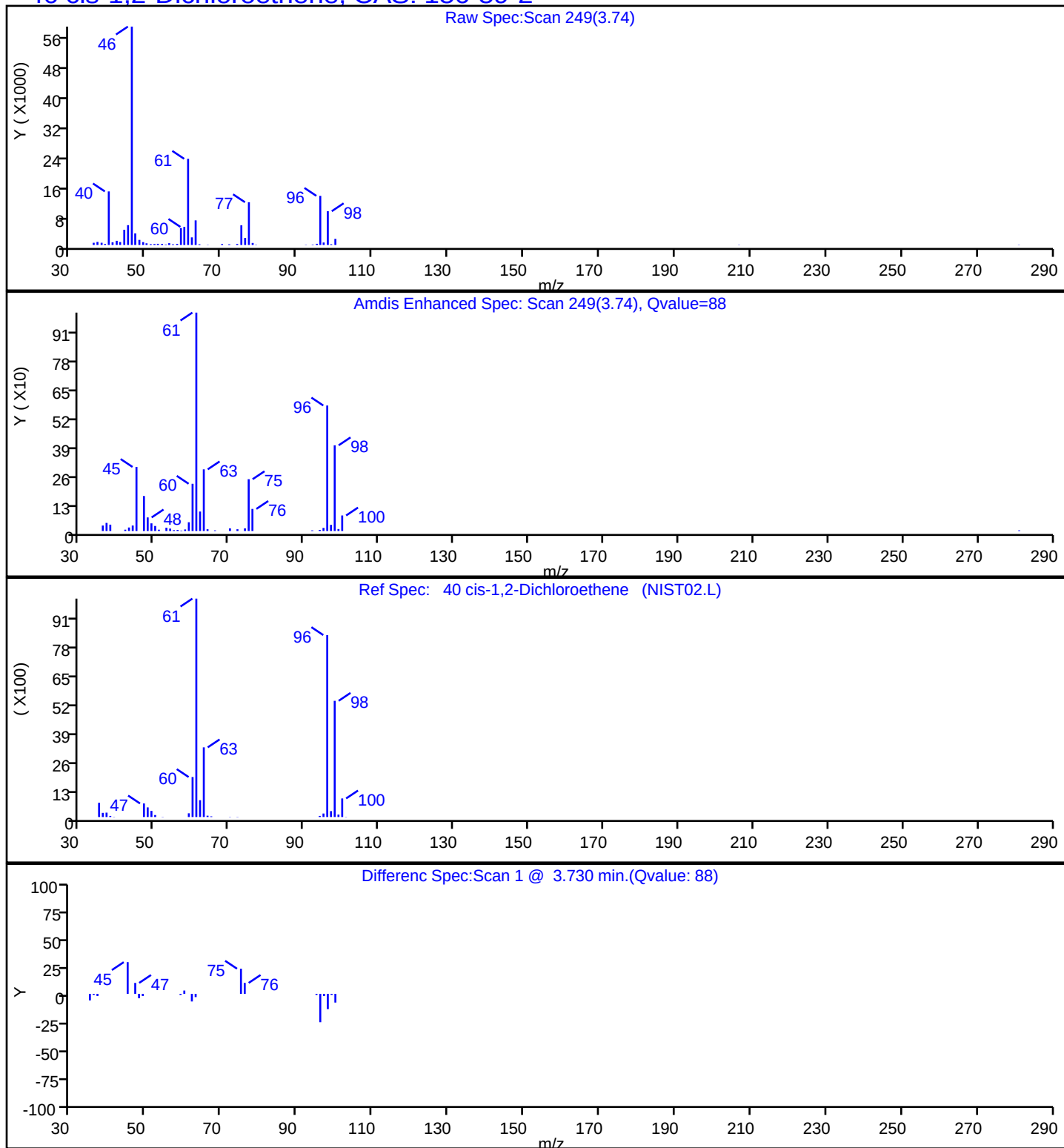
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75202.b\\B32058.D

Injection Date: 10-Jul-2018 18:13:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-C-6

Lab Sample ID: 460-159568-6

Client ID: FSMW-2A 06272018

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

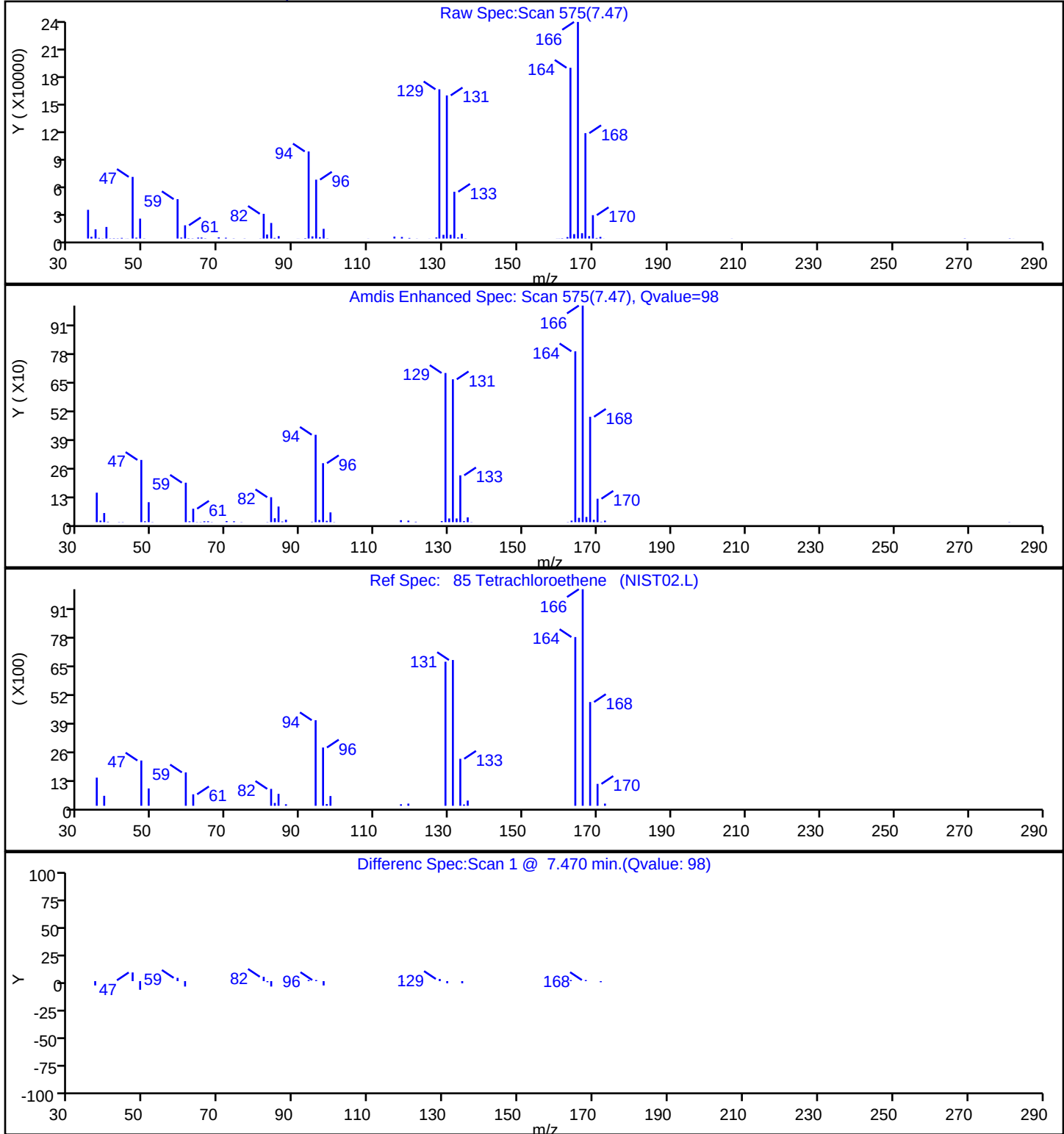
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32058.D

Injection Date: 10-Jul-2018 18:13:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-C-6

Lab Sample ID: 460-159568-6

Client ID: FSMW-2A 06272018

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

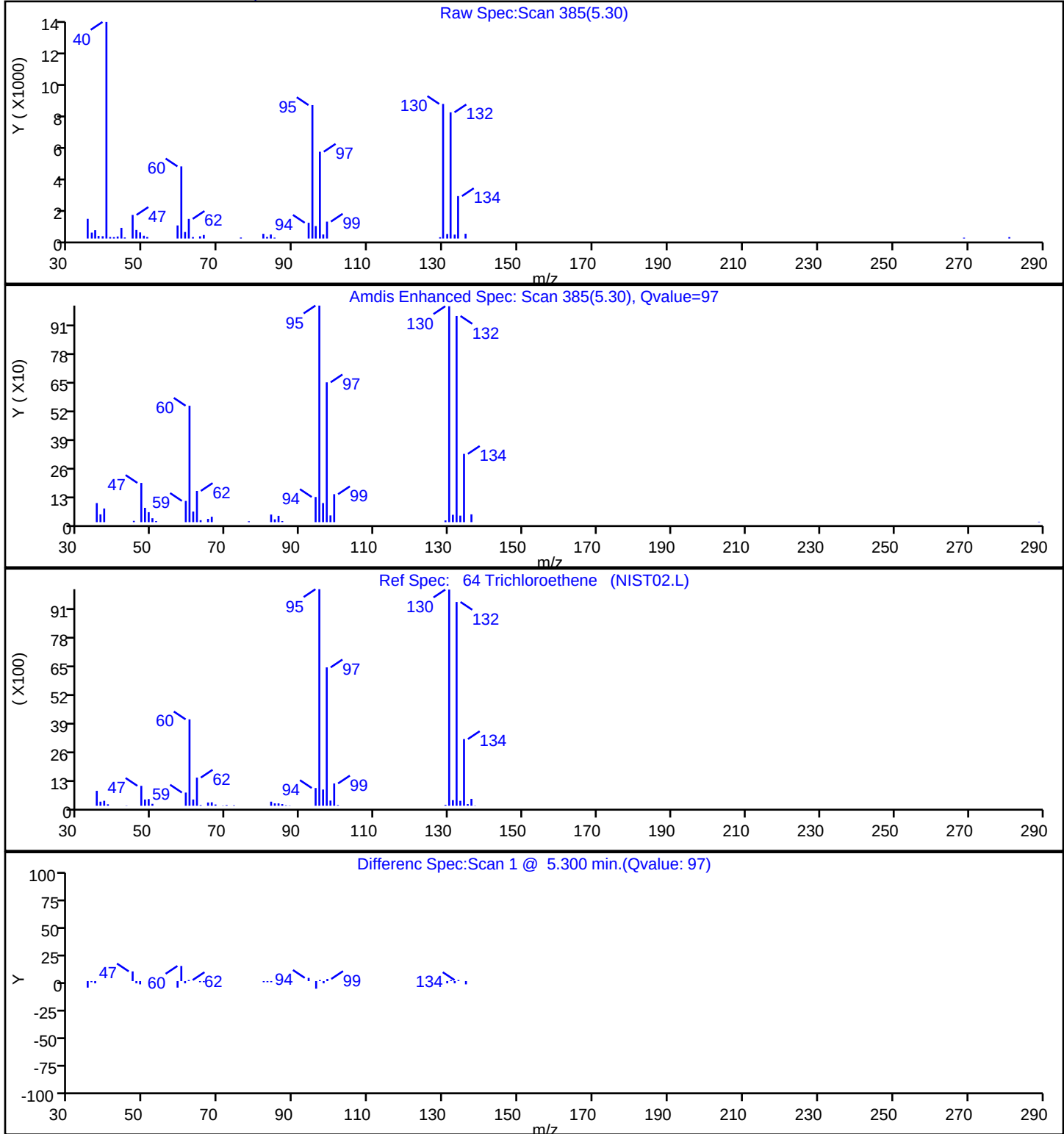
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32058.D

Injection Date: 10-Jul-2018 18:13:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-C-6

Lab Sample ID: 460-159568-6

Client ID: FSMW-2A 06272018

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

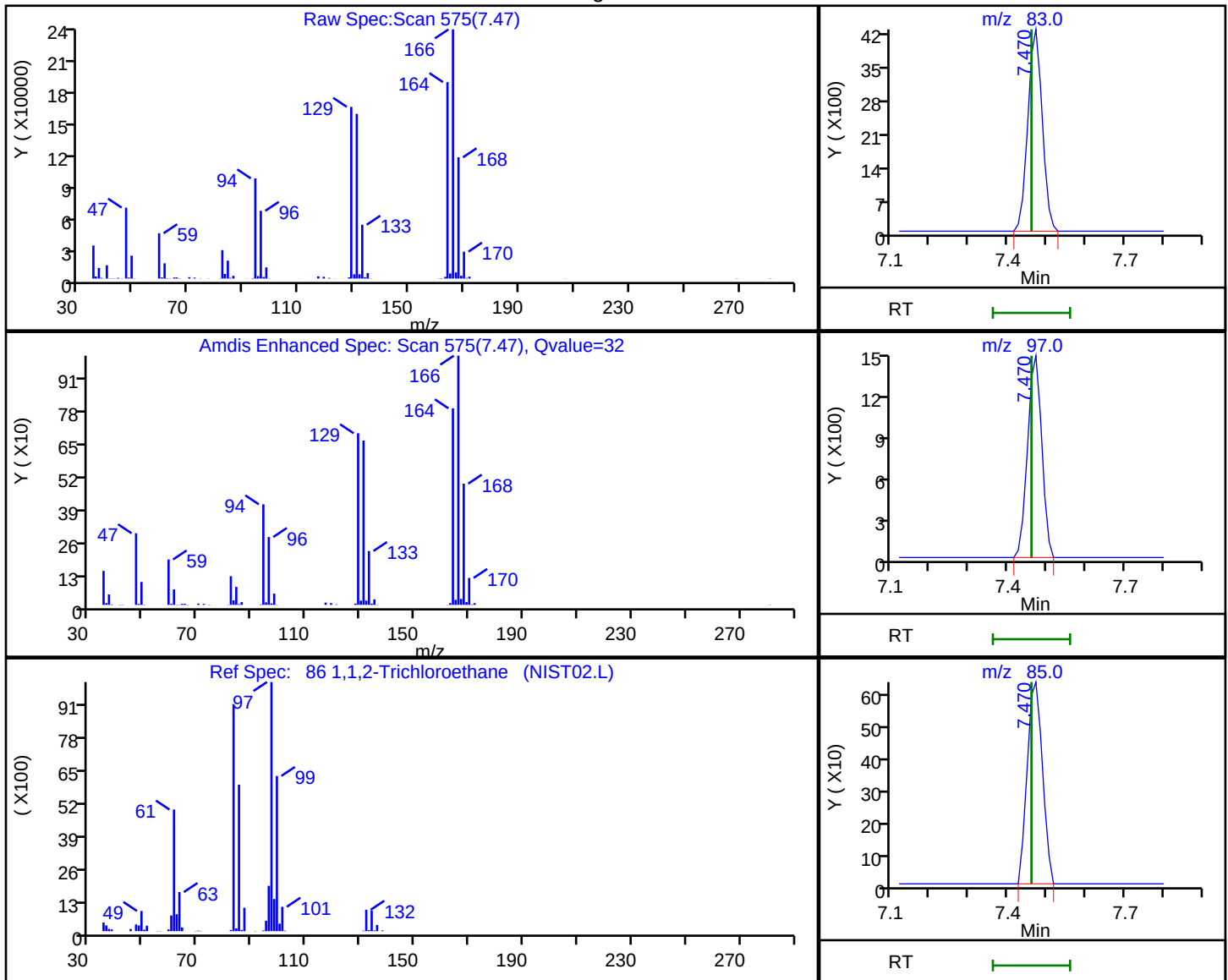
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

86 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.47	83.00	11034	4.877132
7.47	97.00	3600	
7.47	85.00	1741	

Reviewer: delpolitov, 10-Jul-2018 18:29:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32058.D

Injection Date: 10-Jul-2018 18:13:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-C-6

Lab Sample ID: 460-159568-6

Client ID: FSMW-2A 06272018

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

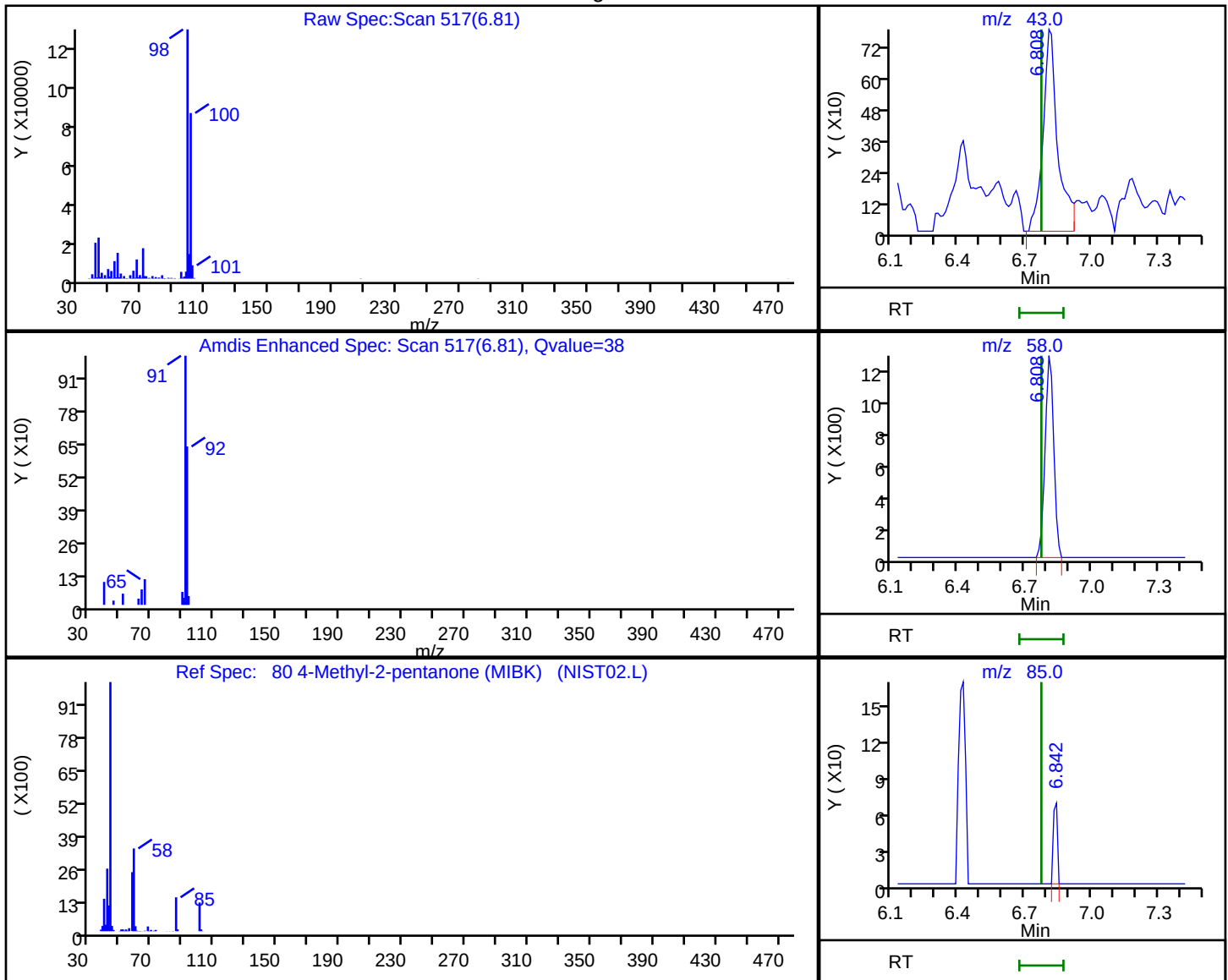
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

80 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.81	43.00	3649	0.924694
6.81	58.00	3414	
6.84	85.00	86	
6.81	100.00	242991	

Reviewer: delpolitov, 10-Jul-2018 18:29:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-8A 06272018</u>	Lab Sample ID: <u>460-159568-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32033.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/27/2018 09:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 07:48</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>534820</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U F1	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.46	J	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.53	J	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Client Sample ID: FSMW-8A 06272018 Lab Sample ID: 460-159568-7
 Matrix: Water Lab File ID: B32033.D
 Analysis Method: 8260C Date Collected: 06/27/2018 09:05
 Sample wt/vol: 5(mL) Date Analyzed: 07/10/2018 07:48
 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.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.31	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	16		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.75	J	1.0	0.31
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U F1	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	107		77-124
1868-53-7	Dibromofluoromethane (Surr)	104		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32033.D
 Lims ID: 460-159568-B-7
 Client ID: FSMW-8A 06272018
 Sample Type: Client
 Inject. Date: 10-Jul-2018 07:48:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-159568-B-7
 Misc. Info.: 460-0075161-021
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:27:35 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:20:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Isopropyl alcohol	45	2.373	2.373	0.000	97	9893	43.1	
* 27 TBA-d9 (IS)	65	2.636	2.624	0.012	0	271794	1000.0	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	326601	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.733	0.000	41	1815	0.5263	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.213	0.011	97	104638	52.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	60	120346	52.7	
* 63 Fluorobenzene	96	4.887	4.887	0.000	98	472675	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	91	2147	0.7547	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	96	18773	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.808	6.796	0.012	98	373981	50.2	
85 Tetrachloroethene	166	7.470	7.459	0.011	98	45685	16.1	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	89	337215	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	164738	53.3	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	97	184886	50.0	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	86	1811	0.4599	
S 134 1,2-Dichloroethene, Total	100				0		0.5263	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32033.D

Injection Date: 10-Jul-2018 07:48:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-B-7

Lab Sample ID: 460-159568-7

Worklist Smp#: 21

Client ID: FSMW-8A 06272018

Purge Vol: 5.000 mL

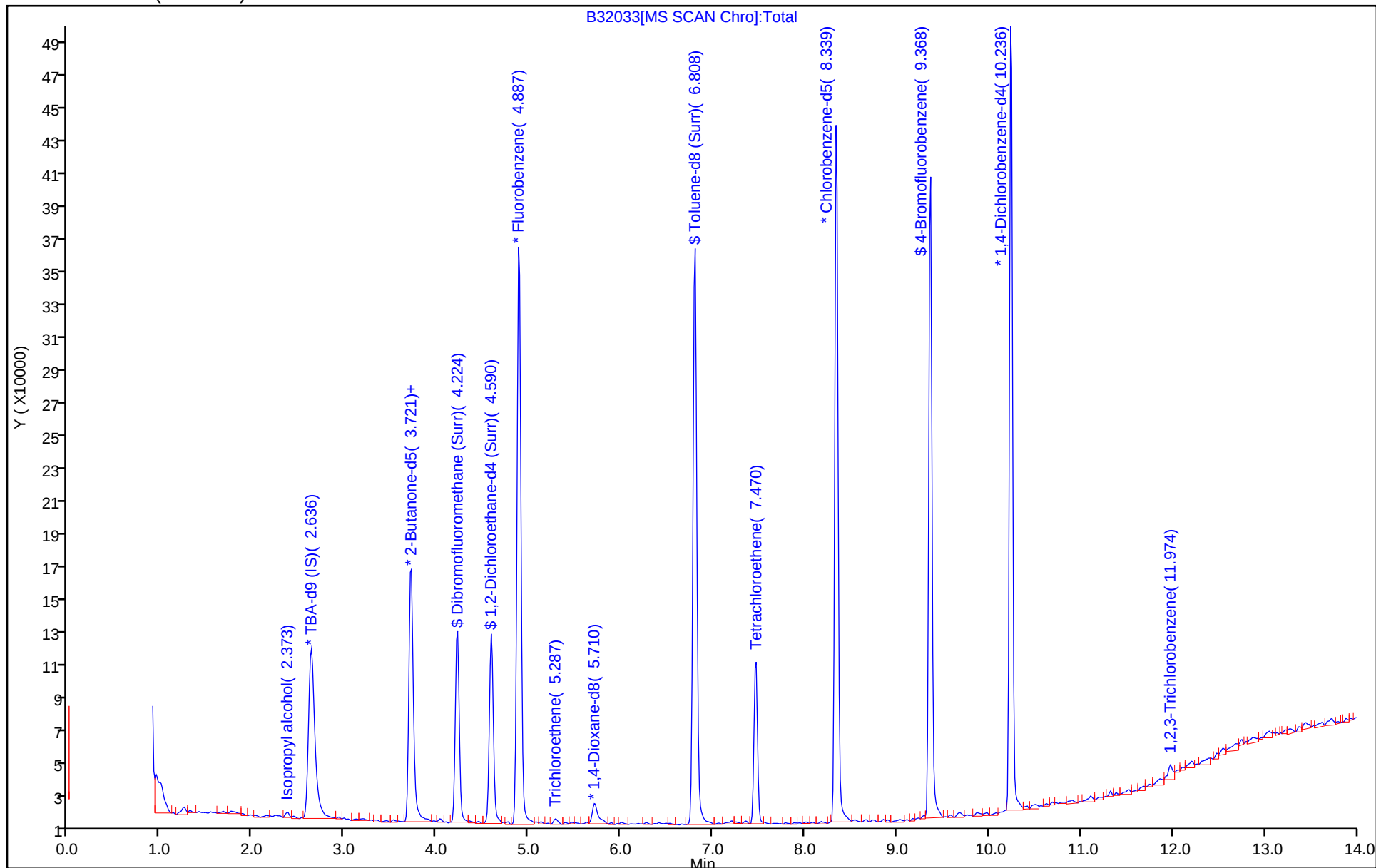
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32033.D

Injection Date: 10-Jul-2018 07:48:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-7

Lab Sample ID: 460-159568-7

Client ID: FSMW-8A 06272018

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

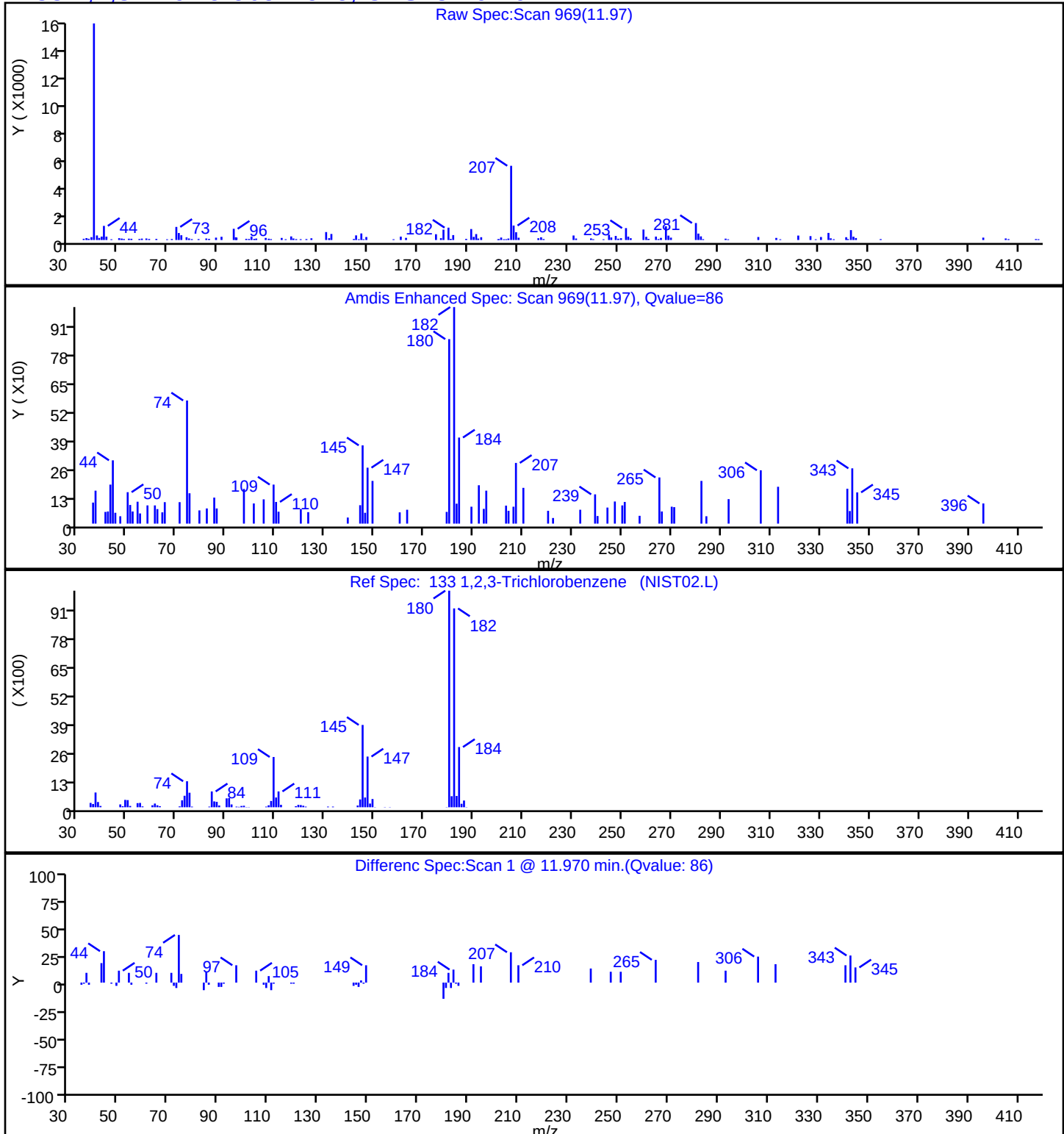
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

133 1,2,3-Trichlorobenzene, CAS: 87-61-6

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32033.D

Injection Date: 10-Jul-2018 07:48:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-7

Lab Sample ID: 460-159568-7

Client ID: FSMW-8A 06272018

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

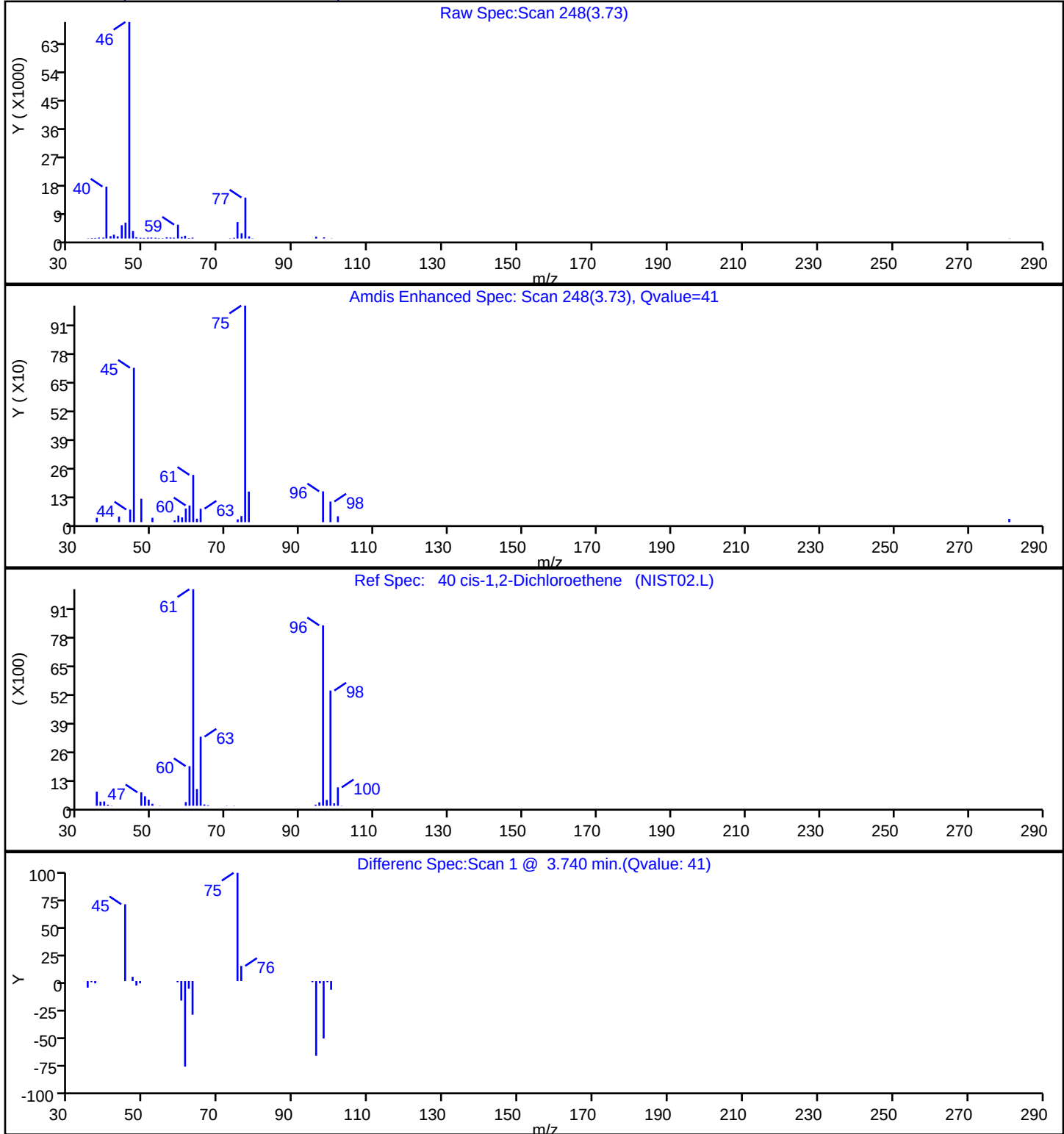
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32033.D

Injection Date: 10-Jul-2018 07:48:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-7

Lab Sample ID: 460-159568-7

Client ID: FSMW-8A 06272018

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

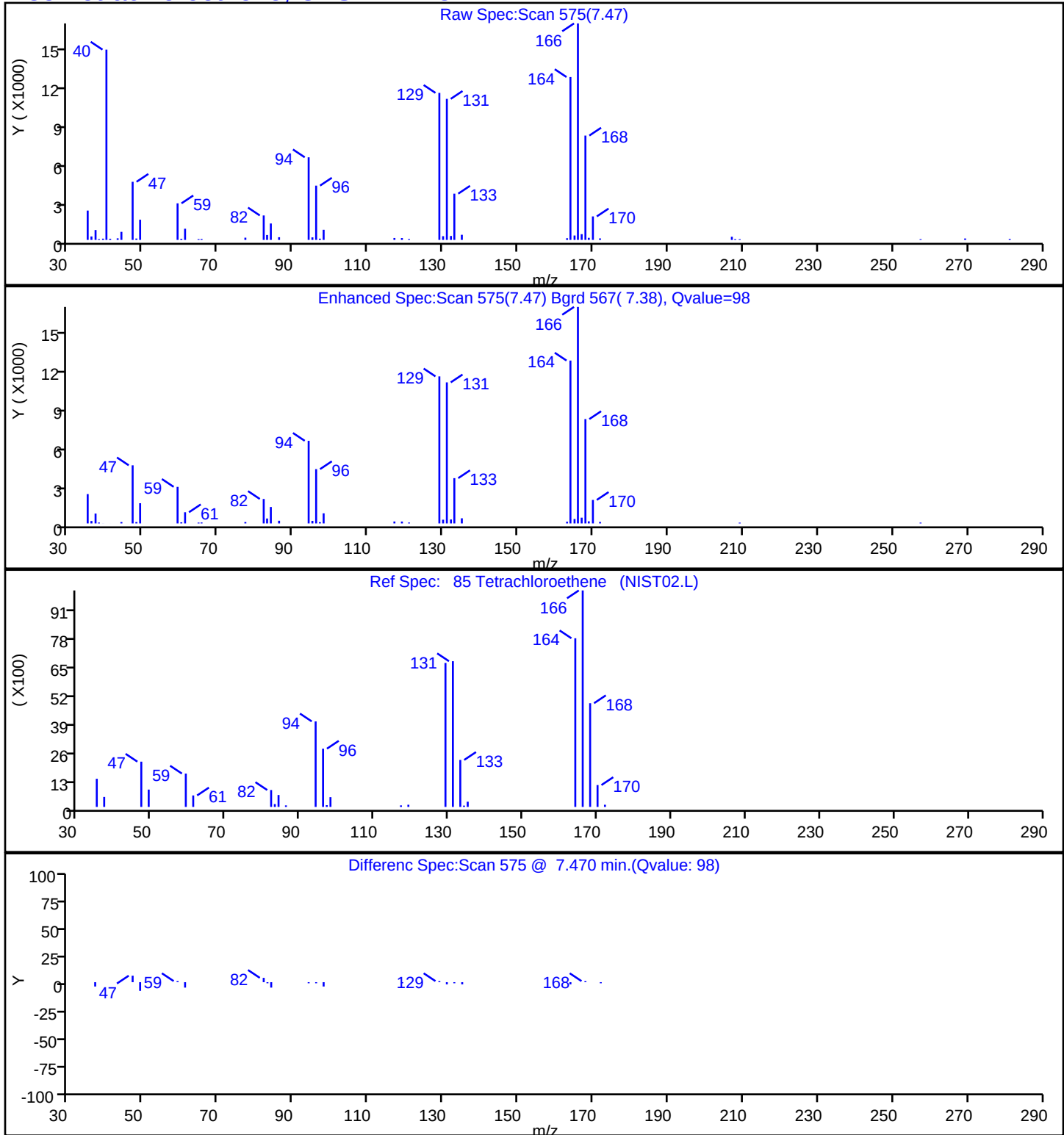
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32033.D

Injection Date: 10-Jul-2018 07:48:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-7

Lab Sample ID: 460-159568-7

Client ID: FSMW-8A 06272018

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

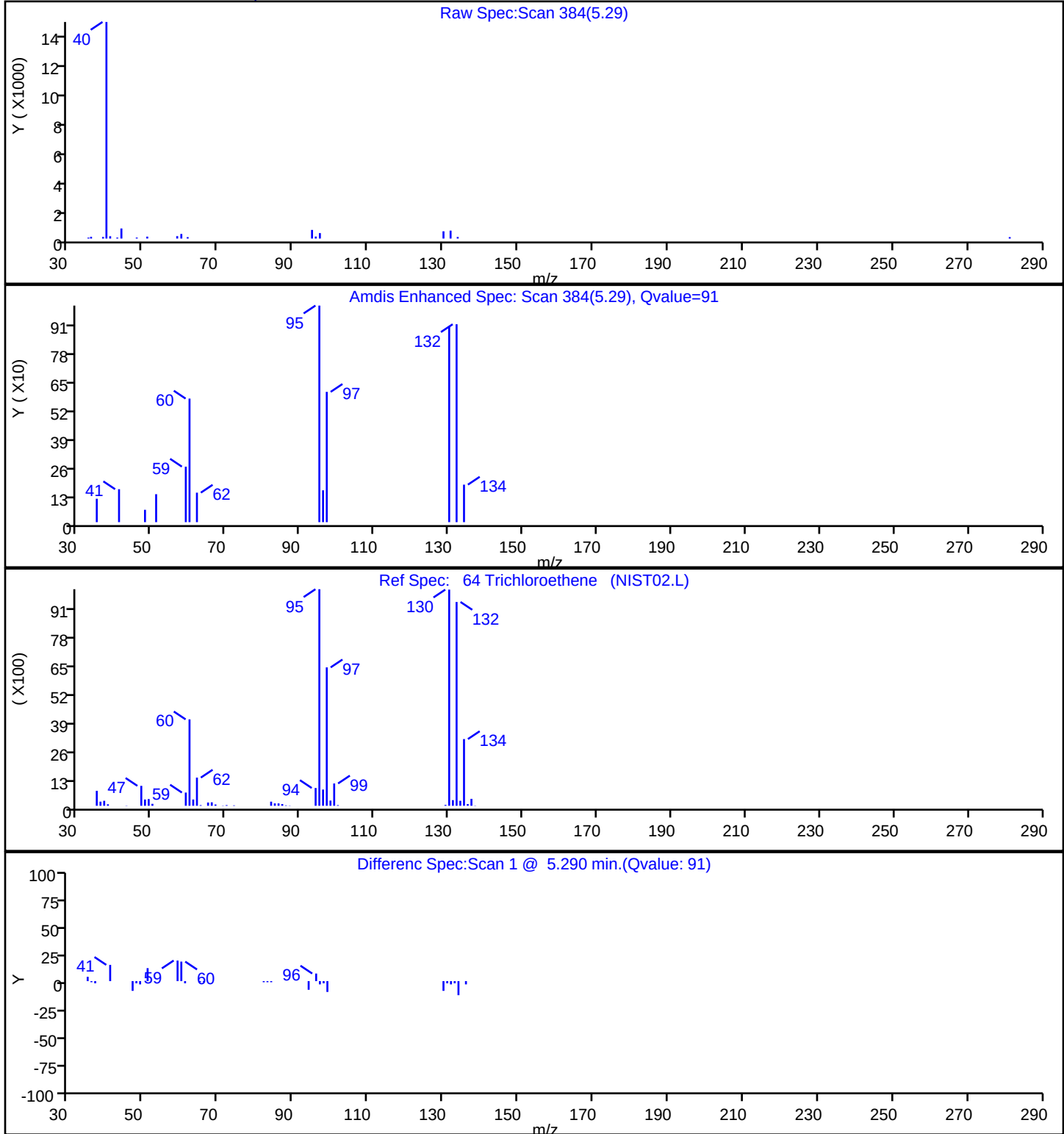
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: DUPLICATE-01-06272018 Lab Sample ID: 460-159568-8

Matrix: Water Lab File ID: B32034.D

Analysis Method: 8260C Date Collected: 06/27/2018 00:00

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 08:12

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	1.0		1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	6.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.67	J	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Client Sample ID: DUPLICATE-01-06272018 Lab Sample ID: 460-159568-8
 Matrix: Water Lab File ID: B32034.D
 Analysis Method: 8260C Date Collected: 06/27/2018 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 08:12
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.31	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	170		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	6.5		1.0	0.31
75-69-4	Trichlorofluoromethane	0.69	J	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	106		77-124
1868-53-7	Dibromofluoromethane (Surr)	110		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32034.D
 Lims ID: 460-159568-B-8
 Client ID: DUPLICATE-01-06272018
 Sample Type: Client
 Inject. Date: 10-Jul-2018 08:12:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-159568-B-8
 Misc. Info.: 460-0075161-022
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:27:35 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:20:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.104	1.093	0.011	74	2909	0.6695	
8 Trichlorofluoromethane	101	1.790	1.778	0.012	94	3133	0.6886	
* 27 TBA-d9 (IS)	65	2.636	2.624	0.012	0	279401	1000.0	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	325205	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.733	0.000	92	20997	6.29	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.213	0.011	96	107065	54.9	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	60	118618	53.7	
* 63 Fluorobenzene	96	4.887	4.887	0.000	98	457515	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	95	17866	6.49	
69 1,2-Dichloropropane	63	5.607	5.607	0.000	77	3169	1.00	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	96	18729	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.808	6.796	0.012	98	368237	50.1	
85 Tetrachloroethene	166	7.470	7.459	0.011	99	475585	169.8	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	89	333283	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	92	162338	53.1	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	97	186174	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32034.D

Injection Date: 10-Jul-2018 08:12:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-B-8

Lab Sample ID: 460-159568-8

Worklist Smp#: 22

Client ID: DUPLICATE-01-06272018

Purge Vol: 5.000 mL

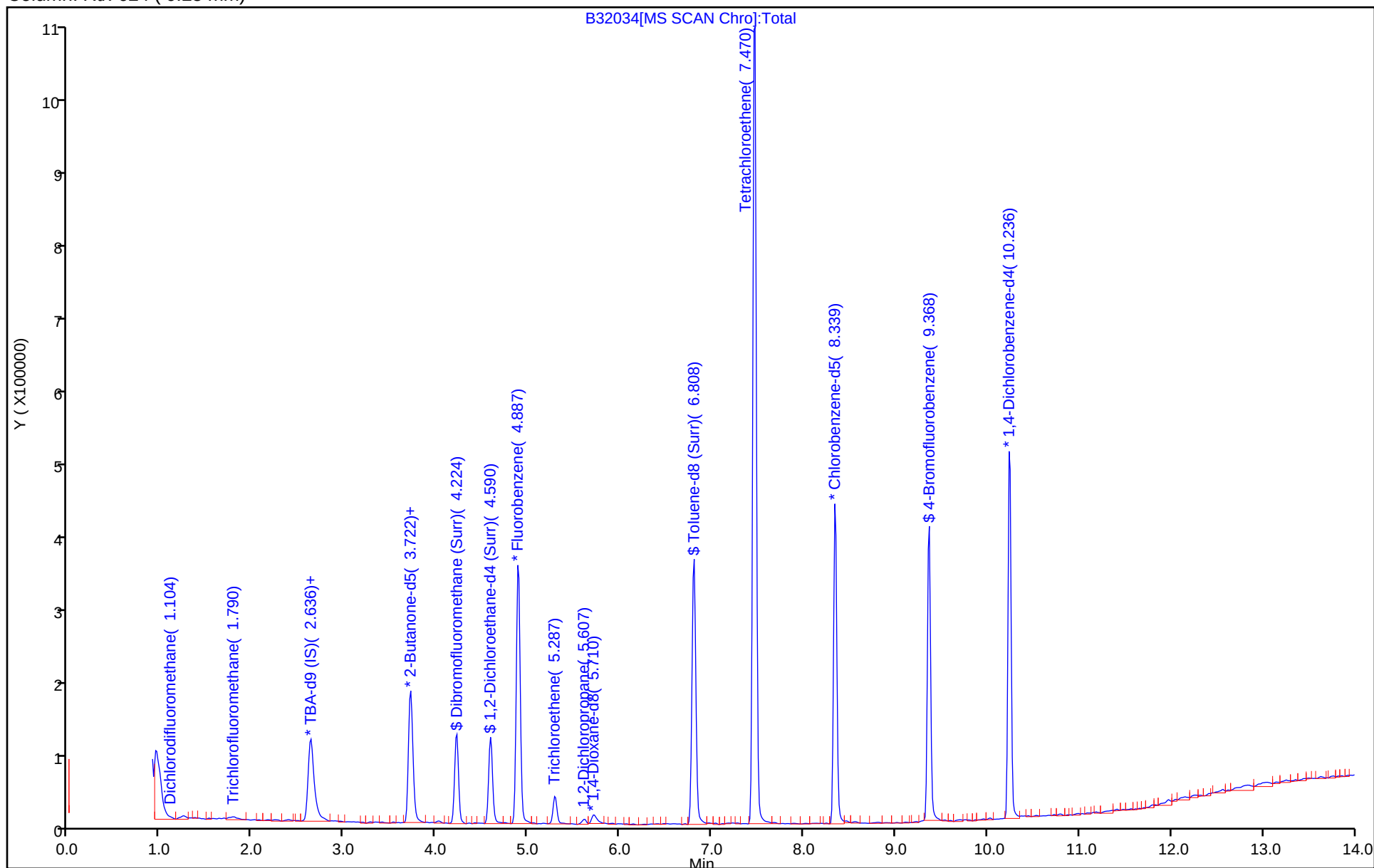
Dil. Factor: 1.0000

ALS Bottle#: 21

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32034.D

Injection Date: 10-Jul-2018 08:12:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-8

Lab Sample ID: 460-159568-8

Client ID: DUPLICATE-01-06272018

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

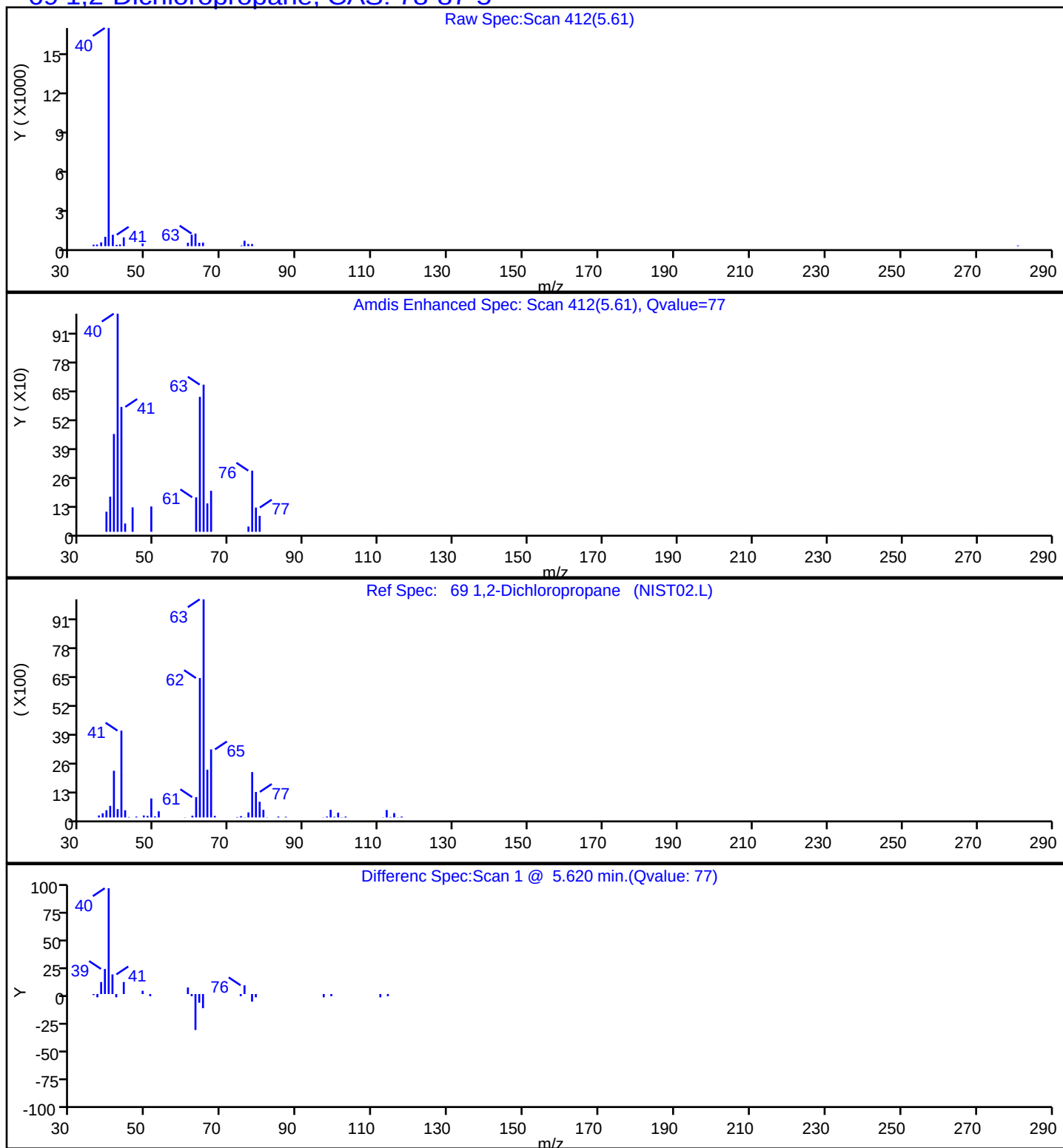
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

69 1,2-Dichloropropane, CAS: 78-87-5

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32034.D

Injection Date: 10-Jul-2018 08:12:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-8

Lab Sample ID: 460-159568-8

Client ID: DUPLICATE-01-06272018

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

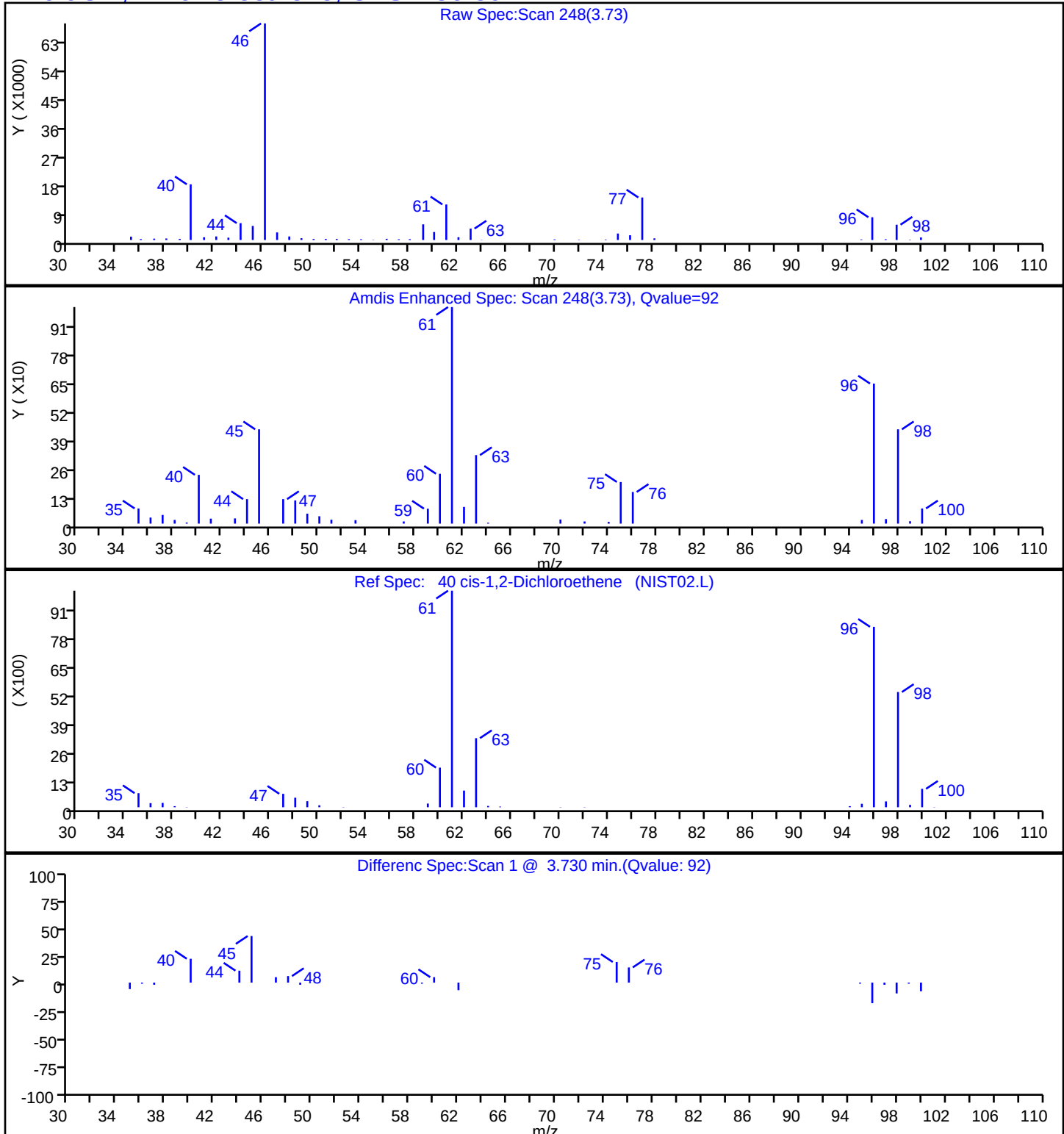
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32034.D

Injection Date: 10-Jul-2018 08:12:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-8

Lab Sample ID: 460-159568-8

Client ID: DUPLICATE-01-06272018

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

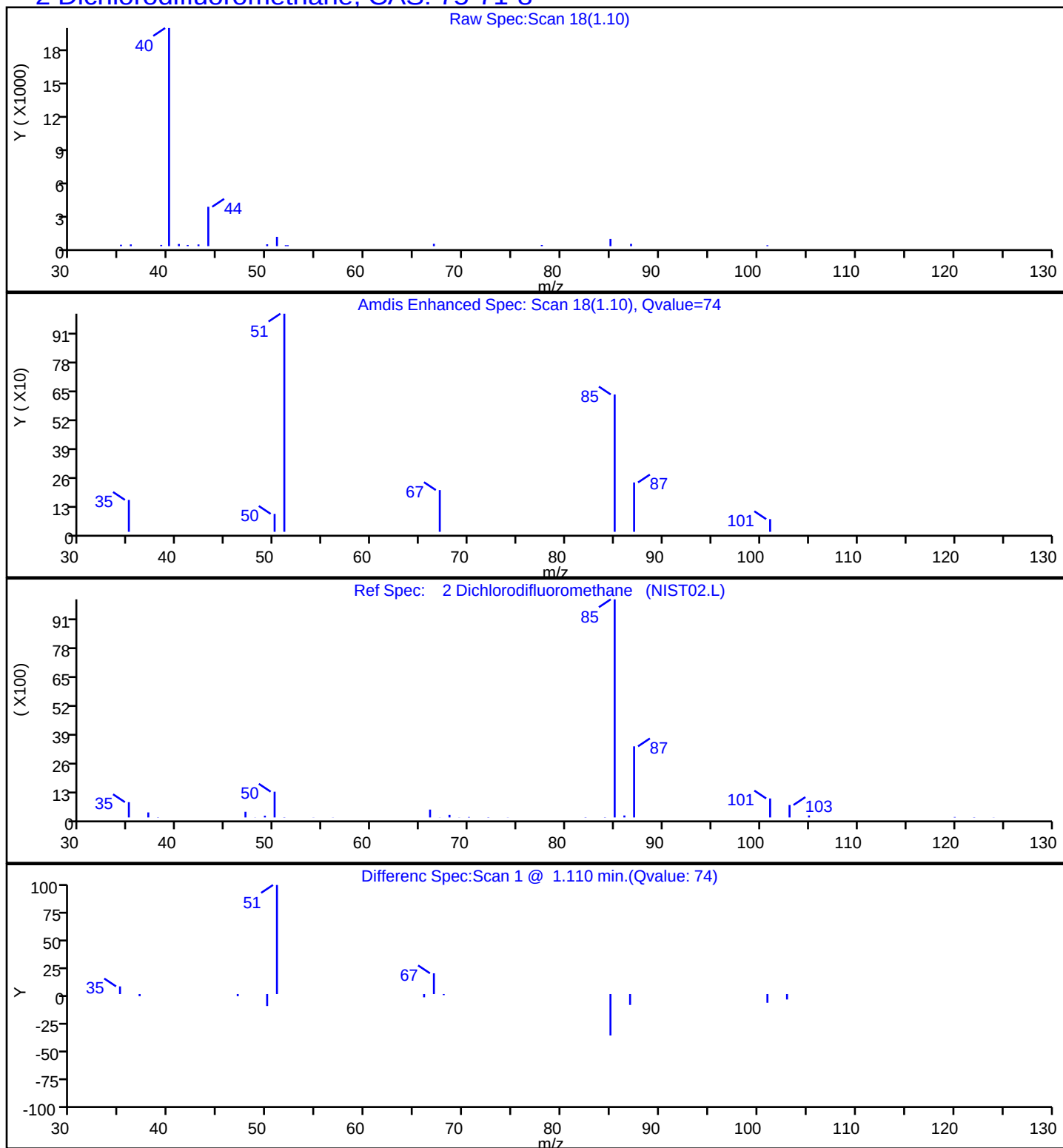
Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32034.D

Injection Date: 10-Jul-2018 08:12:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-8

Lab Sample ID: 460-159568-8

Client ID: DUPLICATE-01-06272018

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

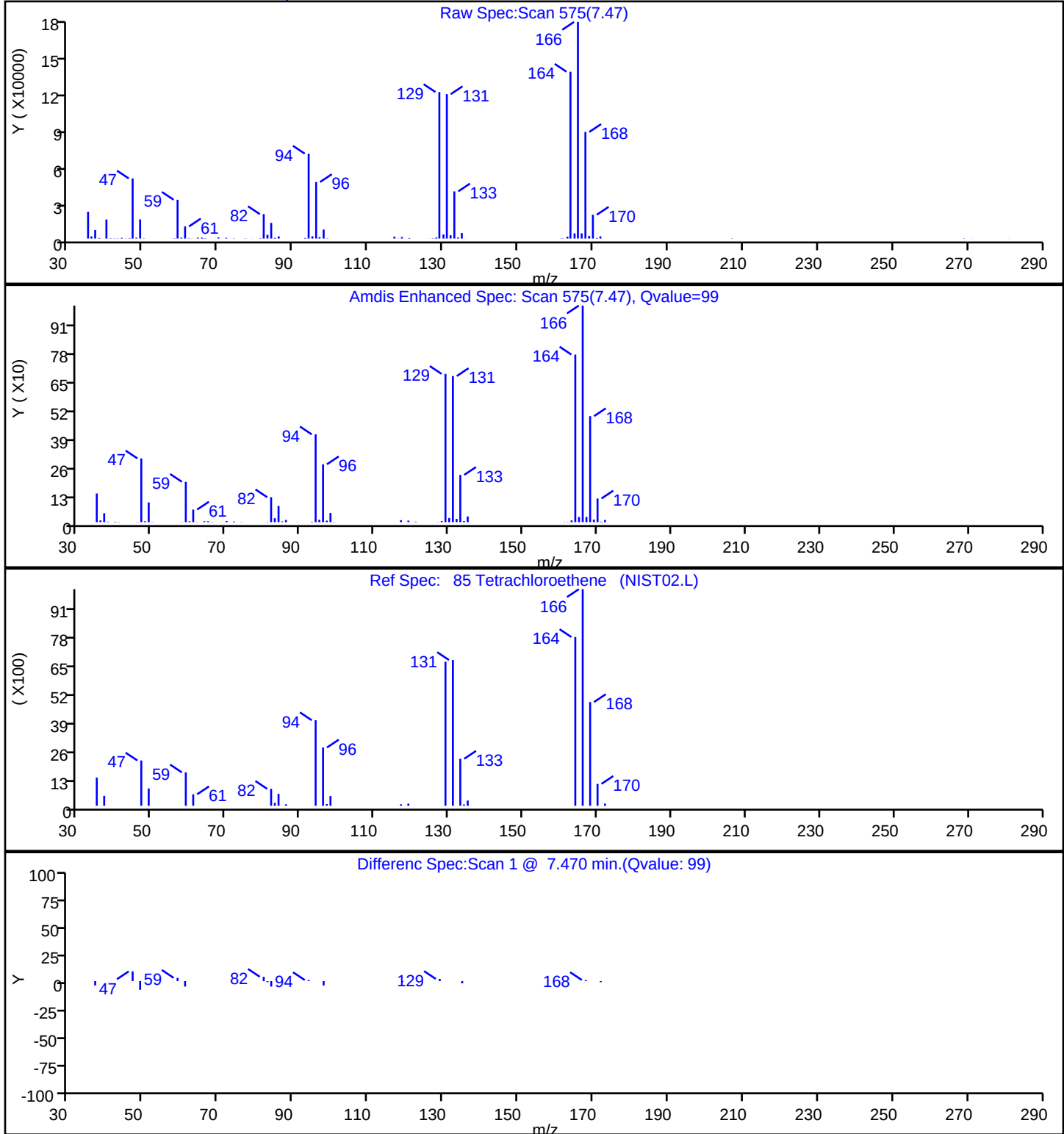
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32034.D

Injection Date: 10-Jul-2018 08:12:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-8

Lab Sample ID: 460-159568-8

Client ID: DUPLICATE-01-06272018

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

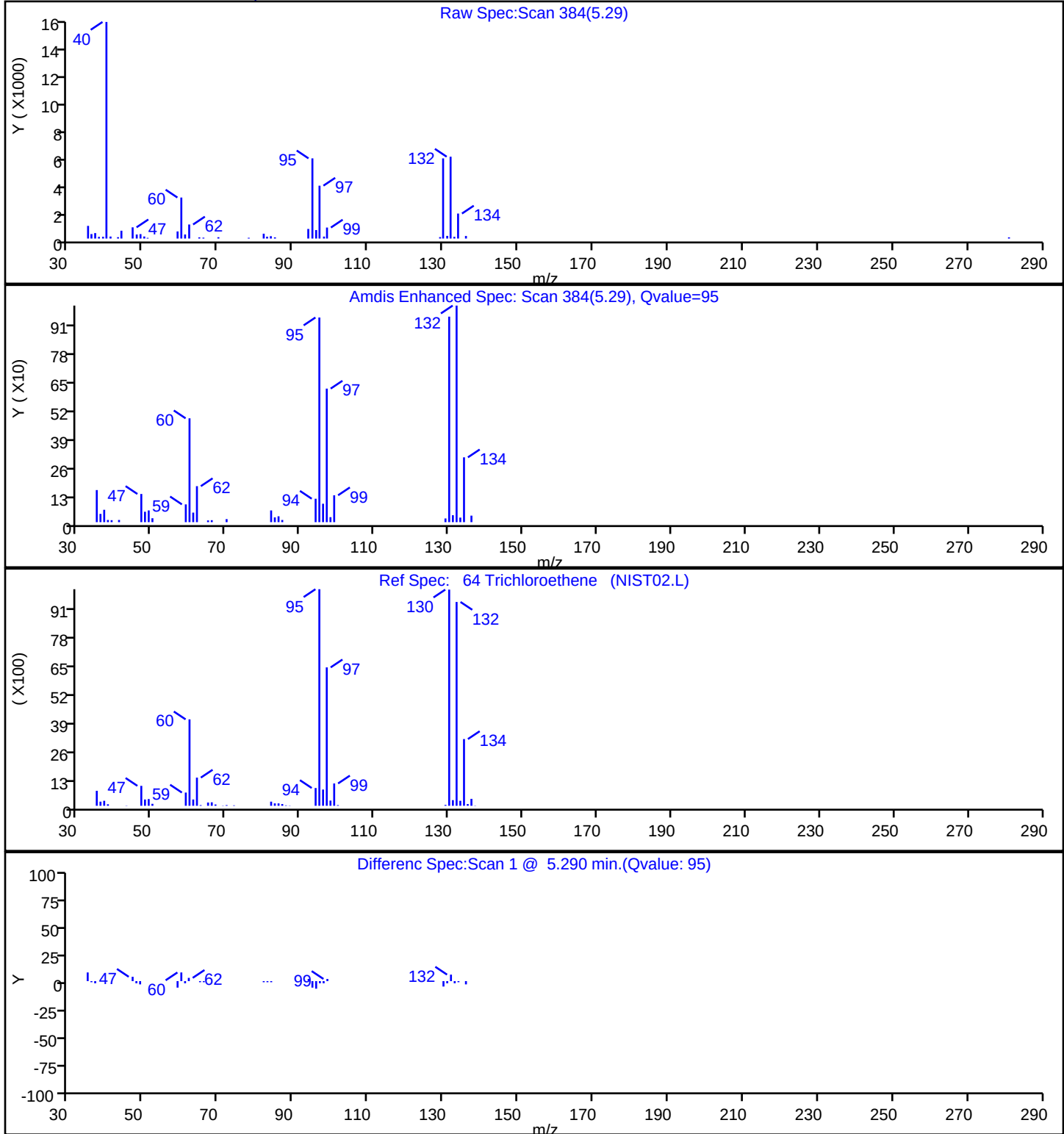
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32034.D

Injection Date: 10-Jul-2018 08:12:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-8

Lab Sample ID: 460-159568-8

Client ID: DUPLICATE-01-06272018

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

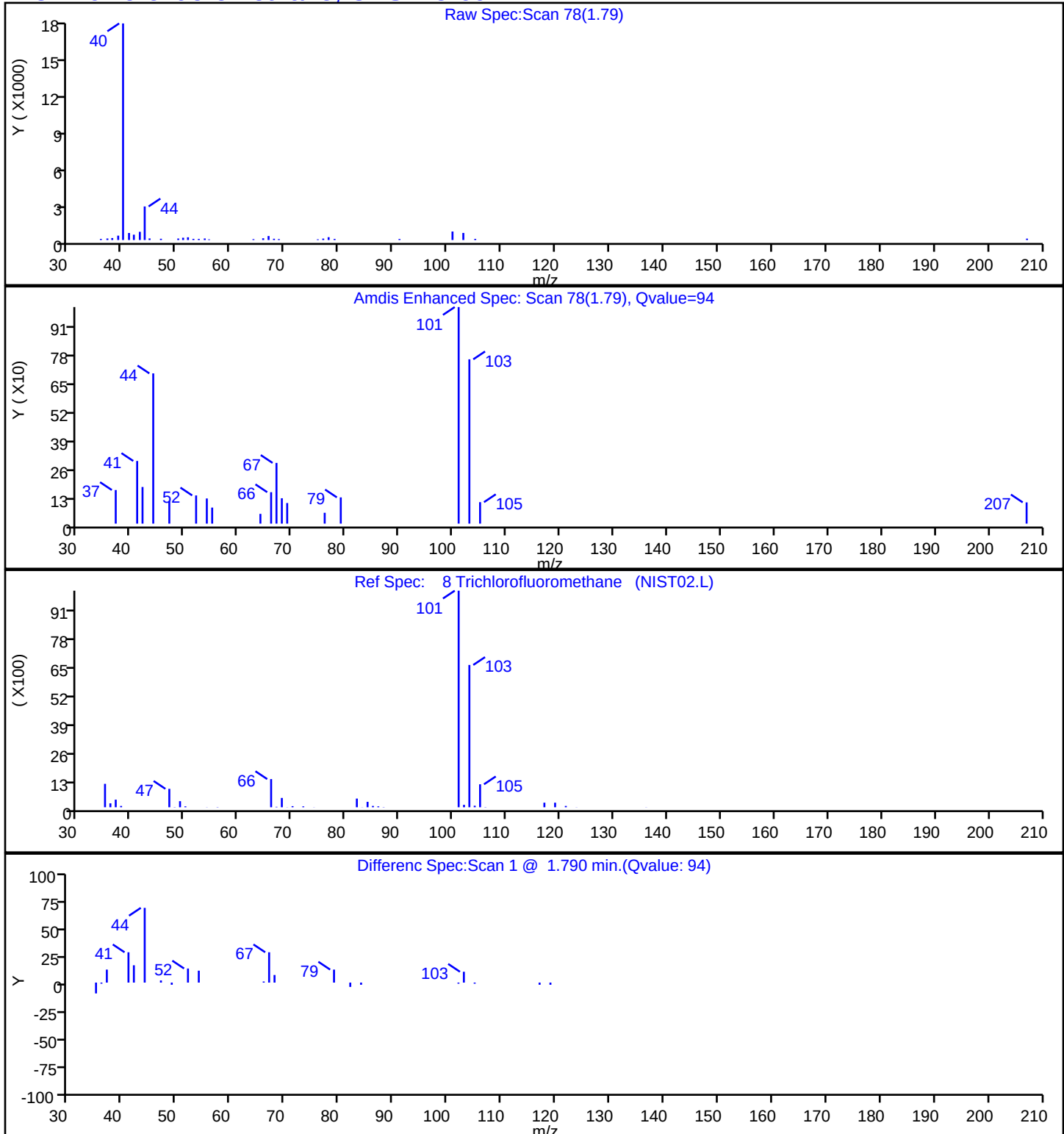
VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

8 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32034.D

Injection Date: 10-Jul-2018 08:12:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-8

Lab Sample ID: 460-159568-8

Client ID: DUPLICATE-01-06272018

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

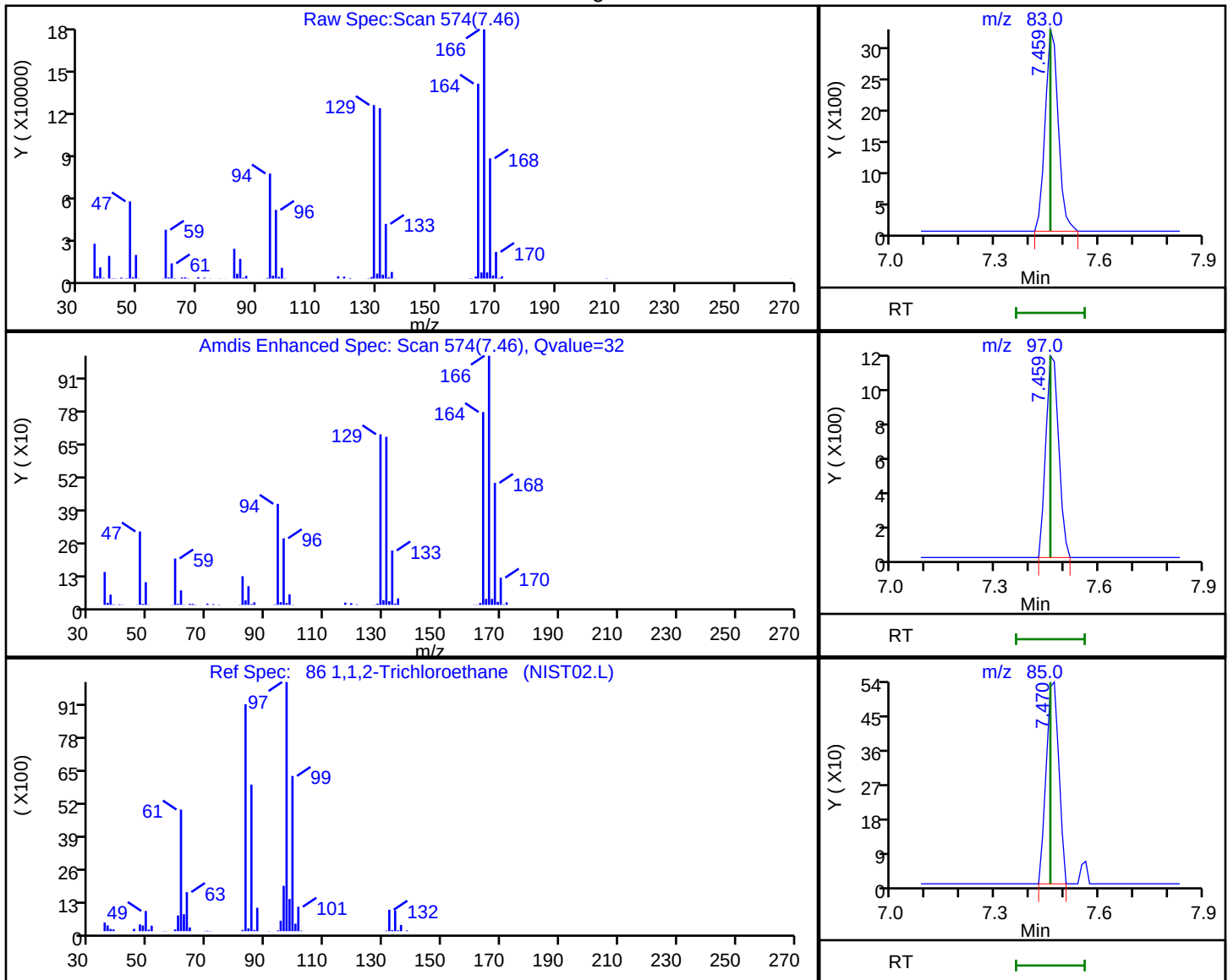
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

86 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.46	83.00	8639	4.124291
7.46	97.00	2961	
7.47	85.00	1372	

Reviewer: delpolitov, 10-Jul-2018 17:20:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-13A 06272018</u>	Lab Sample ID: <u>460-159568-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32035.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/27/2018 08:10</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 08:36</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>534820</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	1.4		1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	6.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.80	J	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: FSMW-13A 06272018 Lab Sample ID: 460-159568-9

Matrix: Water Lab File ID: B32035.D

Analysis Method: 8260C Date Collected: 06/27/2018 08:10

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 08:36

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.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.31	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	200		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	7.9		1.0	0.31
75-69-4	Trichlorofluoromethane	0.67	J	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		74-132
460-00-4	4-Bromofluorobenzene	126	X	77-124
1868-53-7	Dibromofluoromethane (Surr)	120		72-131
2037-26-5	Toluene-d8 (Surr)	115		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32035.D
 Lims ID: 460-159568-B-9
 Client ID: FSMW-13A 06272018
 Sample Type: Client
 Inject. Date: 10-Jul-2018 08:36:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-159568-B-9
 Misc. Info.: 460-0075161-023
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:27:35 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:20:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.104	1.093	0.011	59	3197	0.8002	
8 Trichlorofluoromethane	101	1.778	1.778	0.000	88	2791	0.6671	
* 27 TBA-d9 (IS)	65	2.636	2.624	0.012	0	262255	1000.0	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	307932	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.733	0.000	90	21107	6.88	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.213	0.011	96	107926	60.2	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	61	123284	60.7	
* 63 Fluorobenzene	96	4.887	4.887	0.000	97	420684	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	96	19881	7.85	
69 1,2-Dichloropropane	63	5.619	5.607	0.012	88	4139	1.42	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	96	17732	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.796	0.011	98	379537	57.3	
85 Tetrachloroethene	166	7.470	7.459	0.011	98	493688	195.7	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	89	300157	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	173212	62.9	
* 119 1,4-Dichlorobenzene-d4	152	10.248	10.236	0.012	97	162391	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32035.D

Injection Date: 10-Jul-2018 08:36:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-B-9

Lab Sample ID: 460-159568-9

Worklist Smp#: 23

Client ID: FSMW-13A 06272018

Purge Vol: 5.000 mL

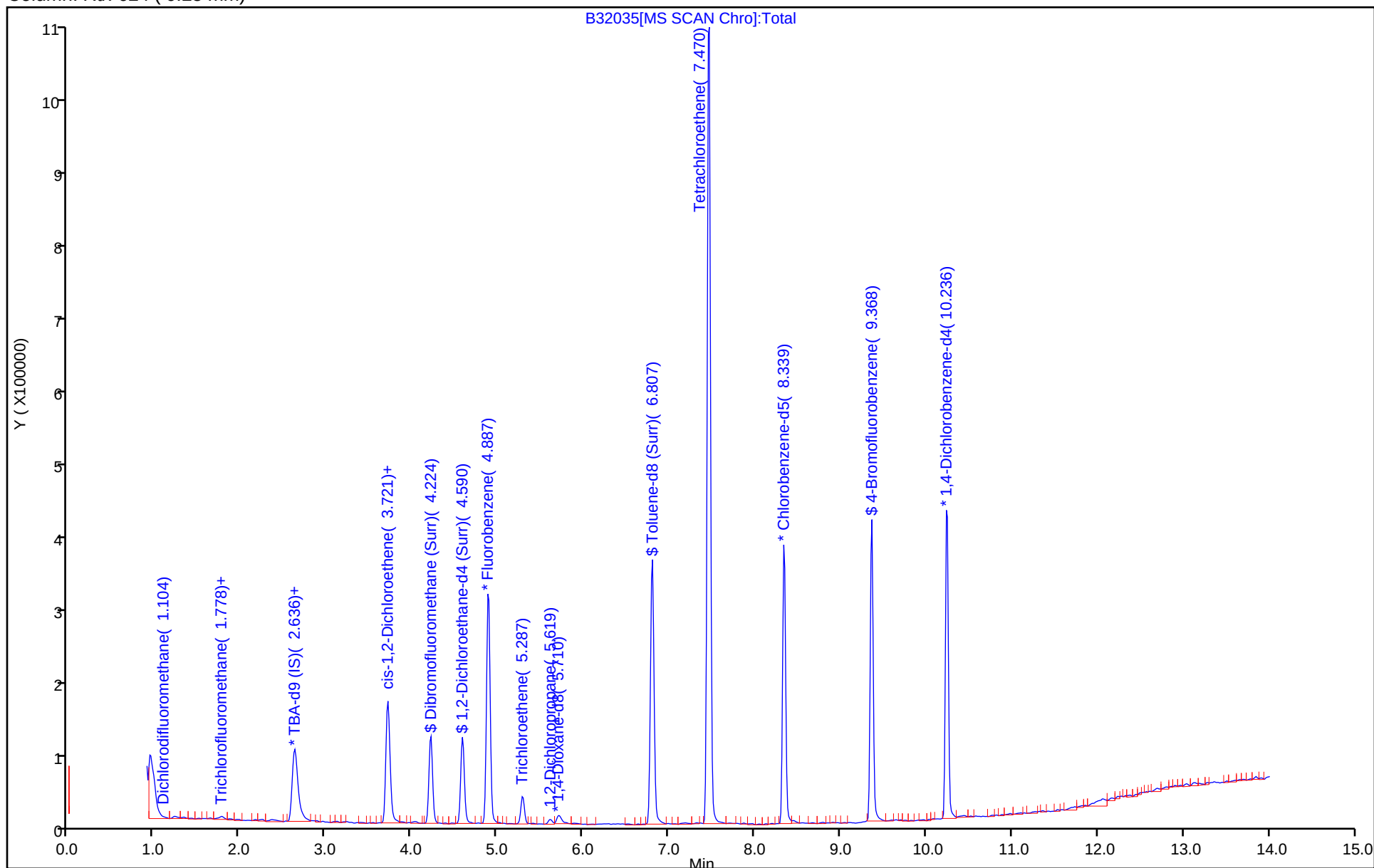
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32035.D

Injection Date: 10-Jul-2018 08:36:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-9

Lab Sample ID: 460-159568-9

Client ID: FSMW-13A 06272018

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

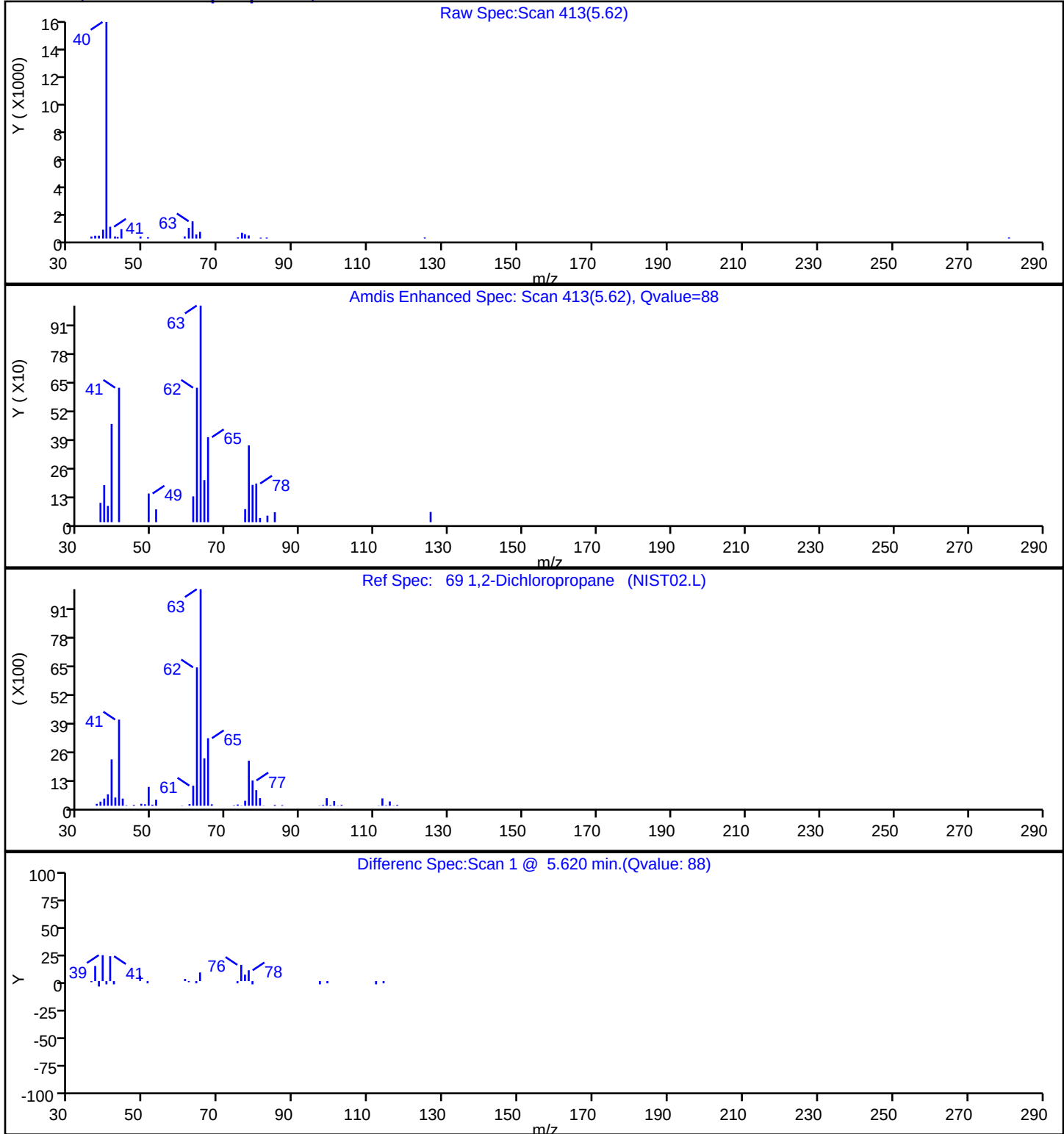
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

69 1,2-Dichloropropane, CAS: 78-87-5

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32035.D

Injection Date: 10-Jul-2018 08:36:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-9

Lab Sample ID: 460-159568-9

Client ID: FSMW-13A 06272018

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

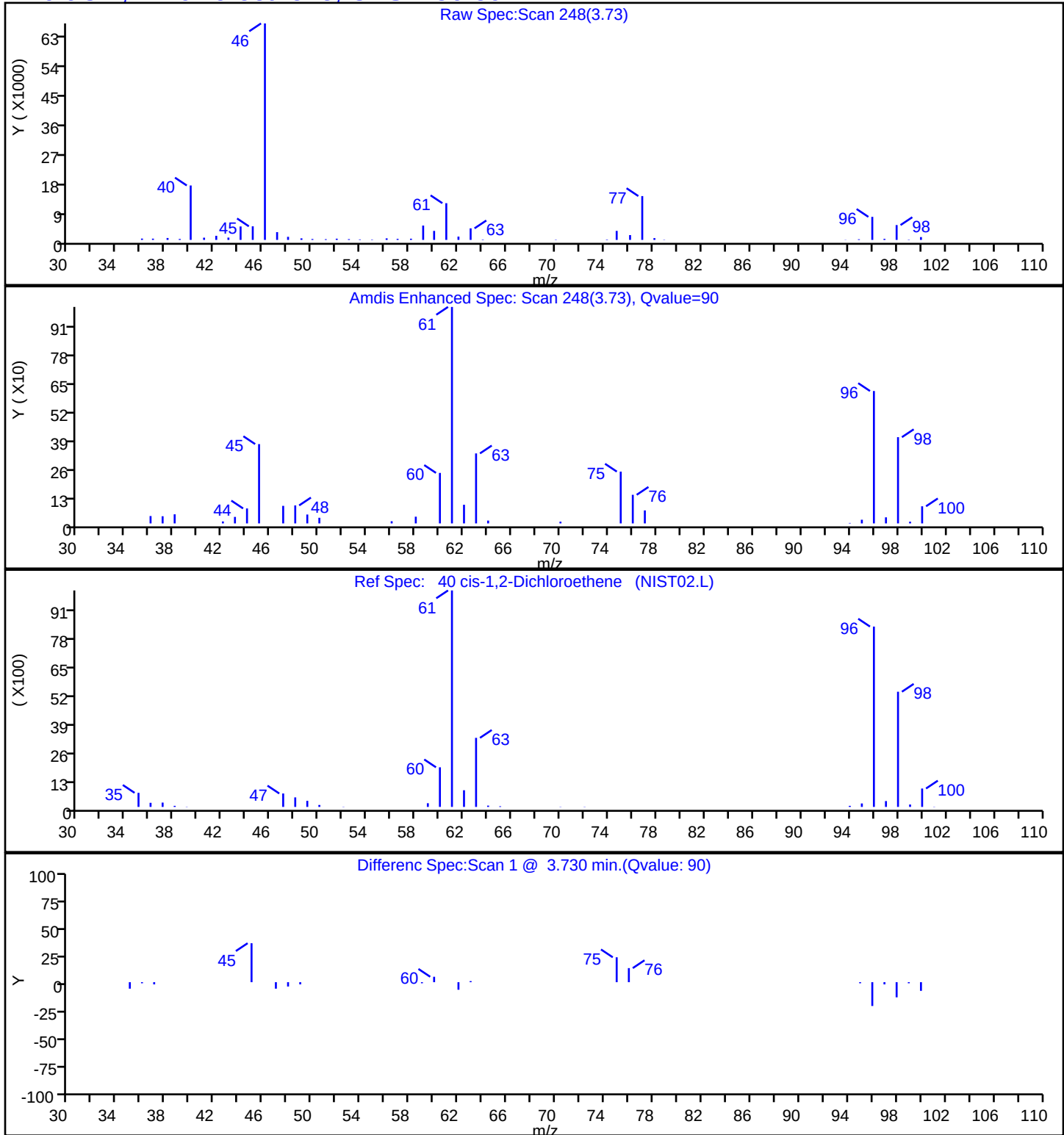
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32035.D

Injection Date: 10-Jul-2018 08:36:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-9

Lab Sample ID: 460-159568-9

Client ID: FSMW-13A 06272018

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

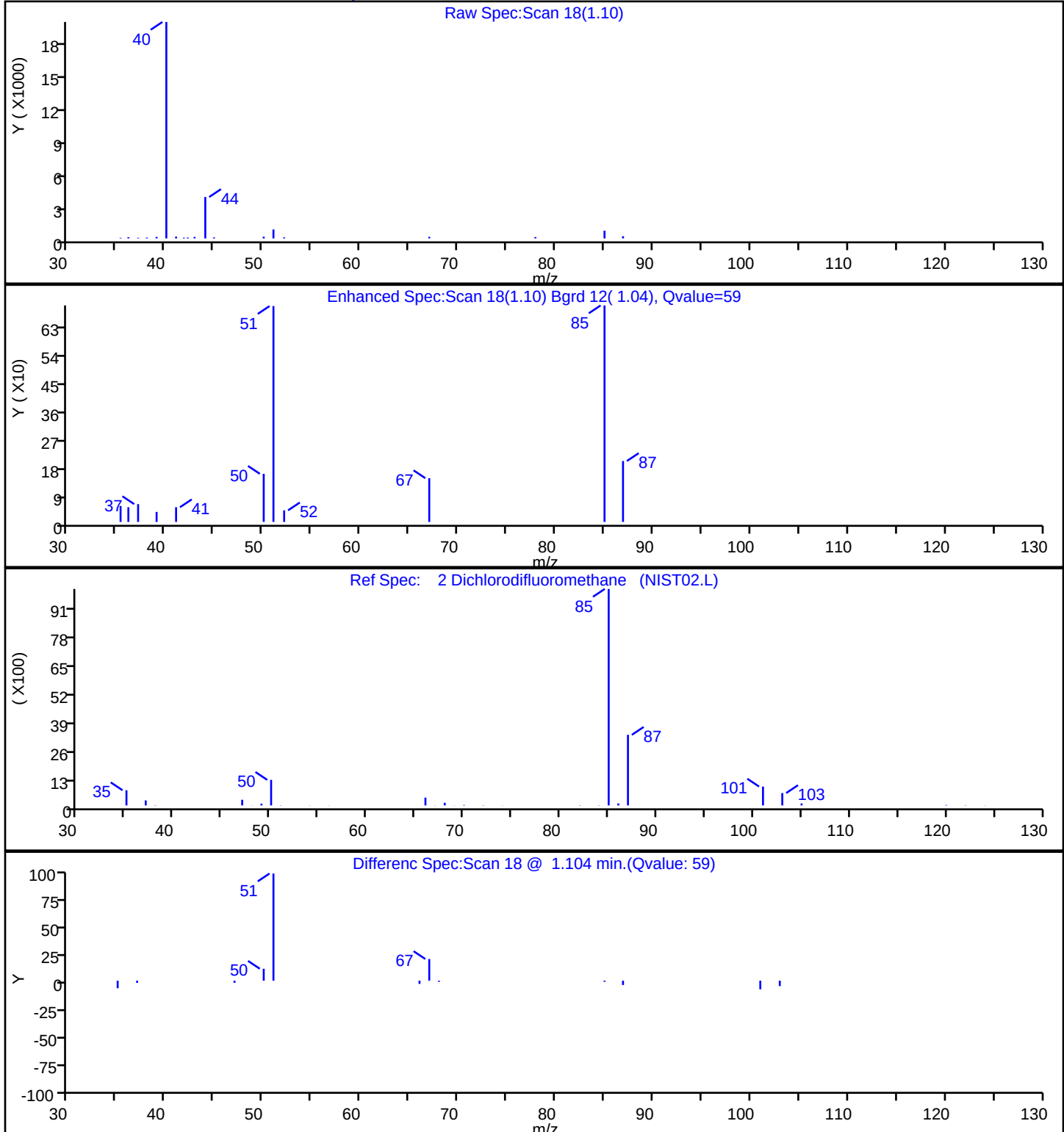
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32035.D

Injection Date: 10-Jul-2018 08:36:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-9

Lab Sample ID: 460-159568-9

Client ID: FSMW-13A 06272018

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

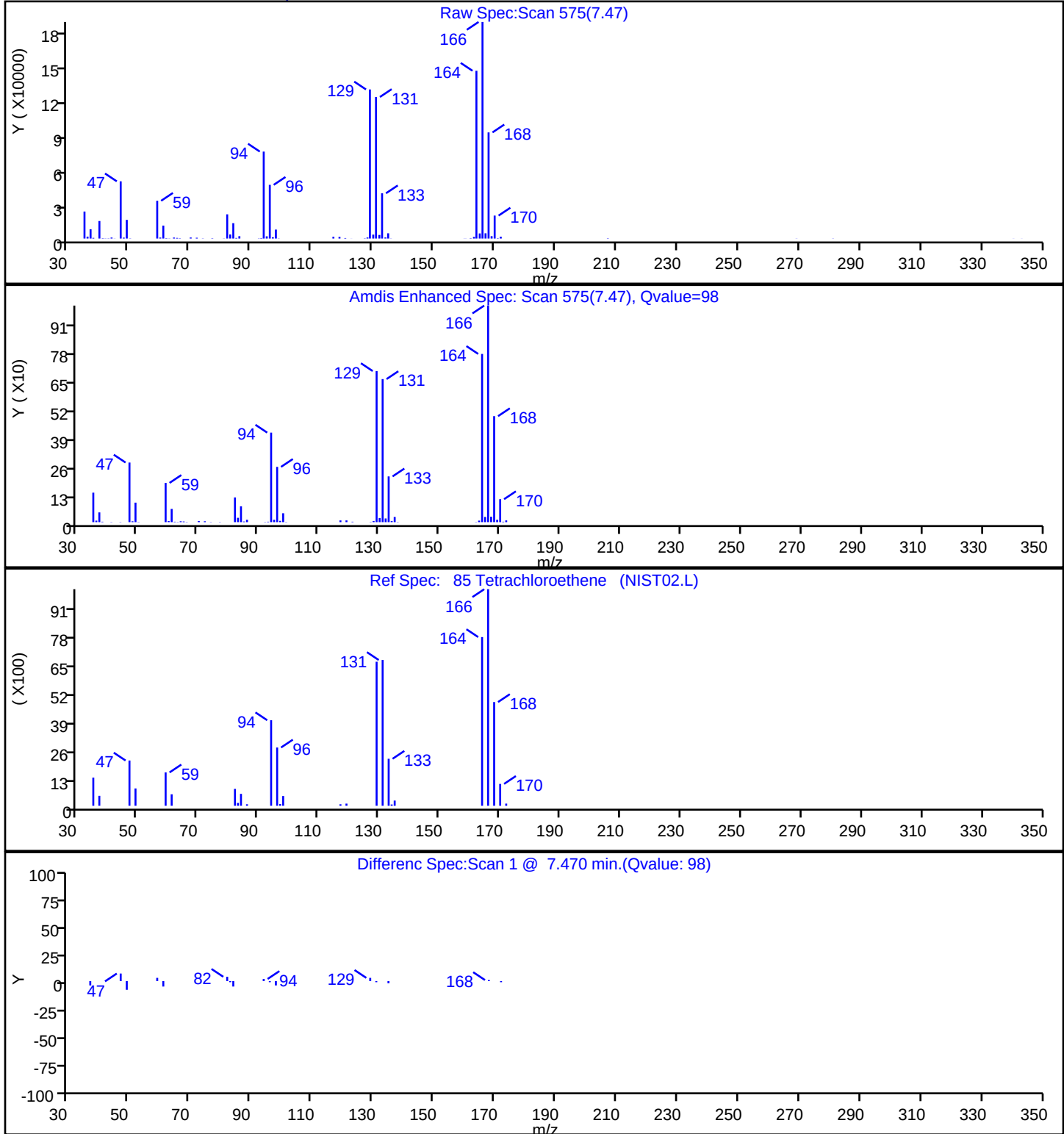
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32035.D

Injection Date: 10-Jul-2018 08:36:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-9

Lab Sample ID: 460-159568-9

Client ID: FSMW-13A 06272018

Operator ID:

ALS Bottle#:

Worklist Smp#: 23

Purge Vol: 5.000 mL

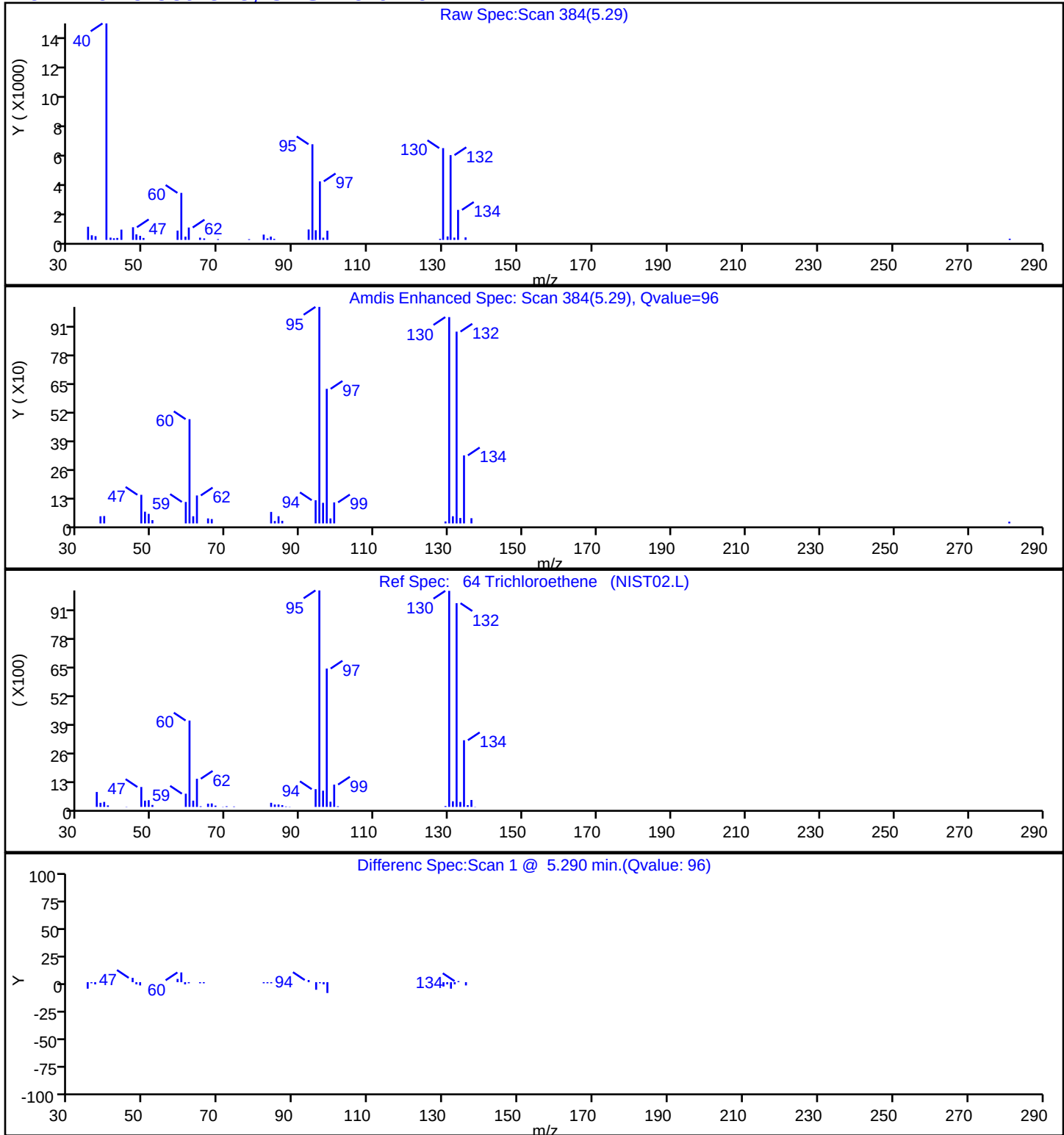
Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

64 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32035.D

Injection Date: 10-Jul-2018 08:36:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-9

Lab Sample ID: 460-159568-9

Client ID: FSMW-13A 06272018

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

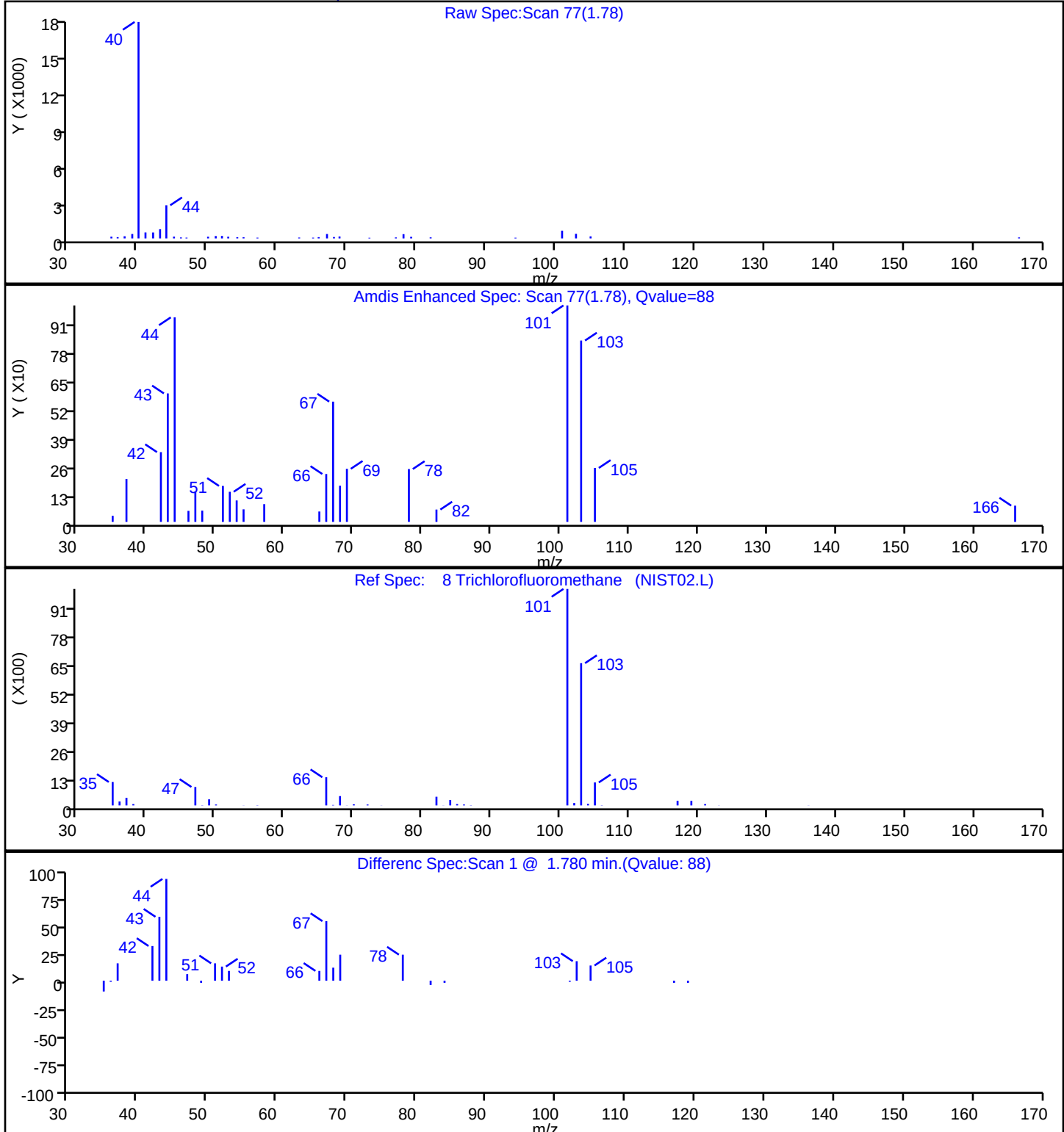
VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

8 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32035.D

Injection Date: 10-Jul-2018 08:36:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-9

Lab Sample ID: 460-159568-9

Client ID: FSMW-13A 06272018

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

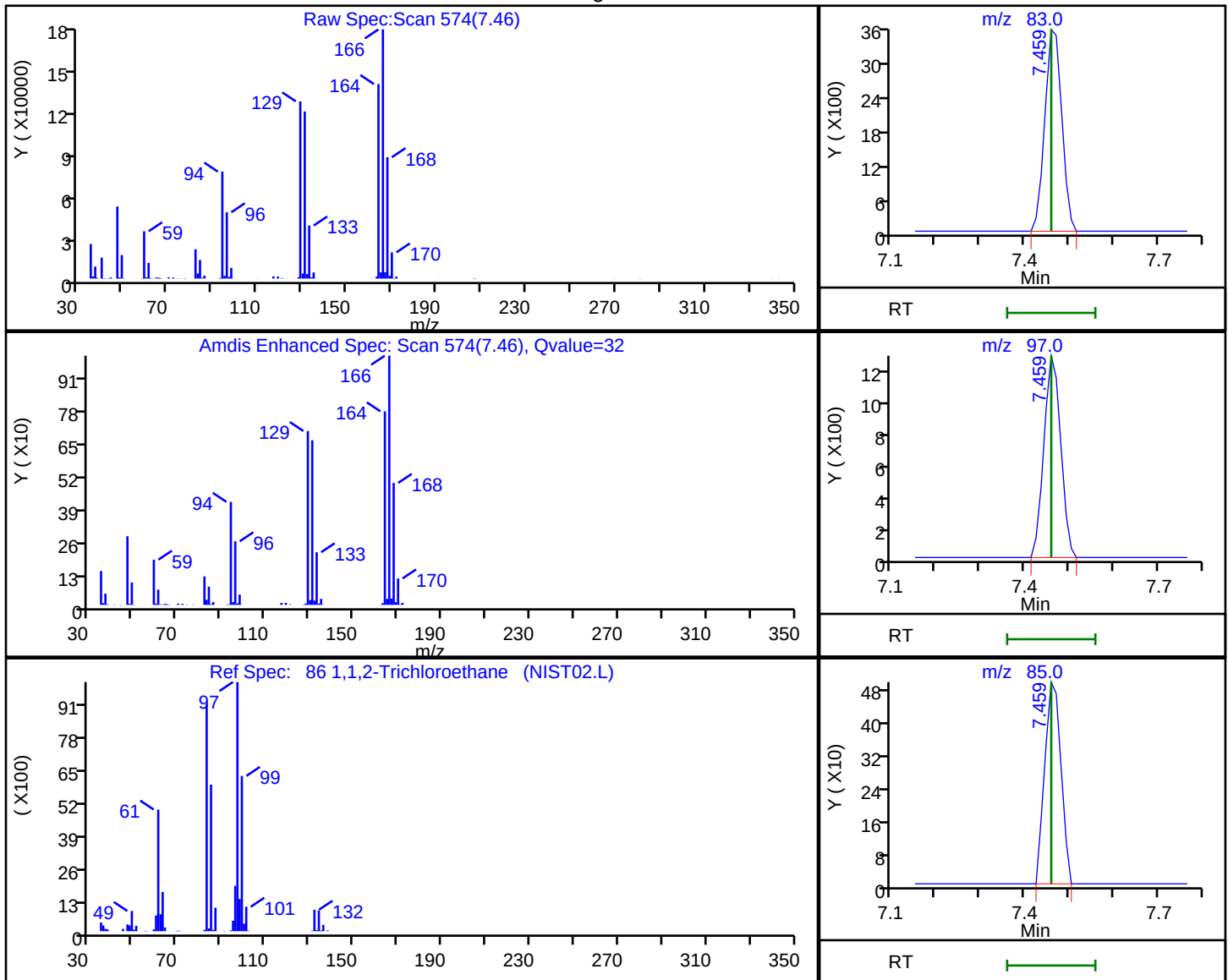
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

86 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.46	83.00	9459	5.014132
7.46	97.00	3183	
7.46	85.00	1272	

Reviewer: delpolitov, 10-Jul-2018 17:20:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>TRIP BLANK 06262018</u>	Lab Sample ID: <u>460-159568-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32029.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/26/2018 09:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 06:10</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>534820</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Client Sample ID: TRIP BLANK 06262018 Lab Sample ID: 460-159568-10
 Matrix: Water Lab File ID: B32029.D
 Analysis Method: 8260C Date Collected: 06/26/2018 09:00
 Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 06:10
 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.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.31	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		74-132
460-00-4	4-Bromofluorobenzene	103		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32029.D
 Lims ID: 460-159568-A-10
 Client ID: TRIP BLANK 06262018
 Sample Type: Client
 Inject. Date: 10-Jul-2018 06:10:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-159568-A-10
 Misc. Info.: 460-0075161-017
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:27:35 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:19:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.624	2.624	0.000	0	248133	1000.0	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	283294	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.213	4.213	0.000	97	104330	49.4	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	61	116735	48.8	
* 63 Fluorobenzene	96	4.887	4.887	0.000	98	495474	50.0	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	97	17499	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.796	0.011	98	372441	48.6	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	89	347267	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	164091	51.5	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	97	196344	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32029.D

Injection Date: 10-Jul-2018 06:10:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-A-10

Lab Sample ID: 460-159568-10

Worklist Smp#: 17

Client ID: TRIP BLANK 06262018

Purge Vol: 5.000 mL

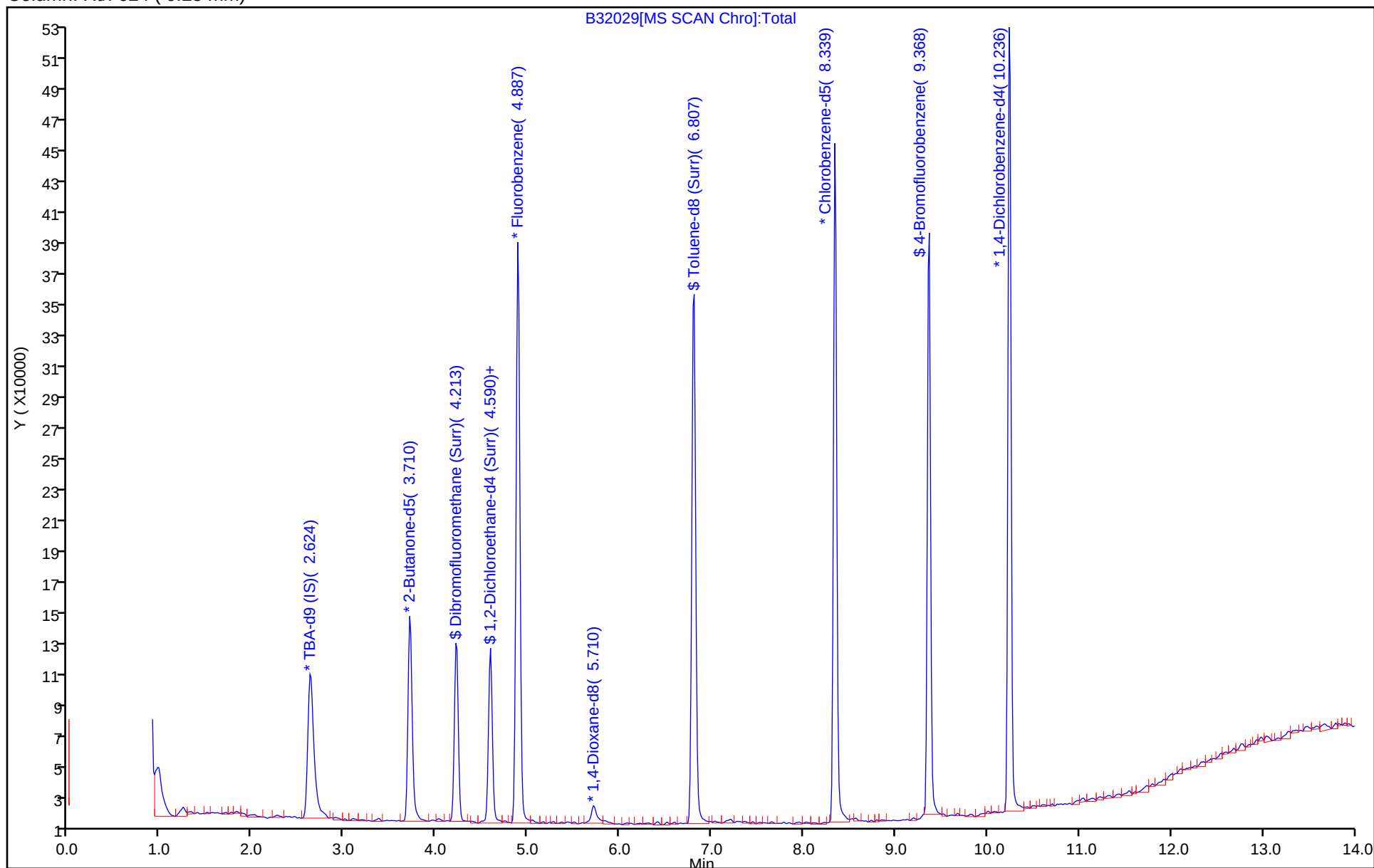
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>EQUIPMENT 06262018</u>	Lab Sample ID: <u>460-159568-11</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32049.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/28/2018 12:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 14:34</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>535008</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U *	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	3.1	J	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	190		5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: EQUIPMENT 06262018 Lab Sample ID: 460-159568-11

Matrix: Water Lab File ID: B32049.D

Analysis Method: 8260C Date Collected: 06/28/2018 12:00

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 14:34

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.: 535008 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.65	J	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.36	J	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U *	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	105		77-124
1868-53-7	Dibromofluoromethane (Surr)	97		72-131
2037-26-5	Toluene-d8 (Surr)	94		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32049.D
 Lims ID: 460-159568-A-11
 Client ID: EQUIPMENT 06262018
 Sample Type: Client
 Inject. Date: 10-Jul-2018 14:34:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-159568-A-11
 Misc. Info.: 460-0075202-008
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:41:08 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:37:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.258	2.258	0.000	85	216854	187.4	
24 Methyl acetate	43	2.498	2.498	0.000	81	1697	0.6522	
26 Methylene Chloride	84	2.601	2.613	-0.012	19	1390	0.3578	
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	325025	1000.0	
* 39 2-Butanone-d5	46	3.710	3.721	-0.011	0	367831	250.0	
41 2-Butanone (MEK)	72	3.779	3.779	0.000	98	1101	3.13	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.224	0.000	97	105218	48.3	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	60	119748	48.5	
* 63 Fluorobenzene	96	4.887	4.899	-0.012	97	510994	50.0	
* 70 1,4-Dioxane-d8	96	5.710	5.722	-0.012	97	21772	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.807	0.000	97	377615	47.2	
85 Tetrachloroethene	166	7.470	7.470	0.000	60	531	0.1743	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	89	362517	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	175224	52.7	
* 119 1,4-Dichlorobenzene-d4	152	10.248	10.236	0.012	97	205973	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75202.b\\B32049.D

Injection Date: 10-Jul-2018 14:34:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-A-11

Lab Sample ID: 460-159568-11

Worklist Smp#: 8

Client ID: EQUIPMENT 06262018

Purge Vol: 5.000 mL

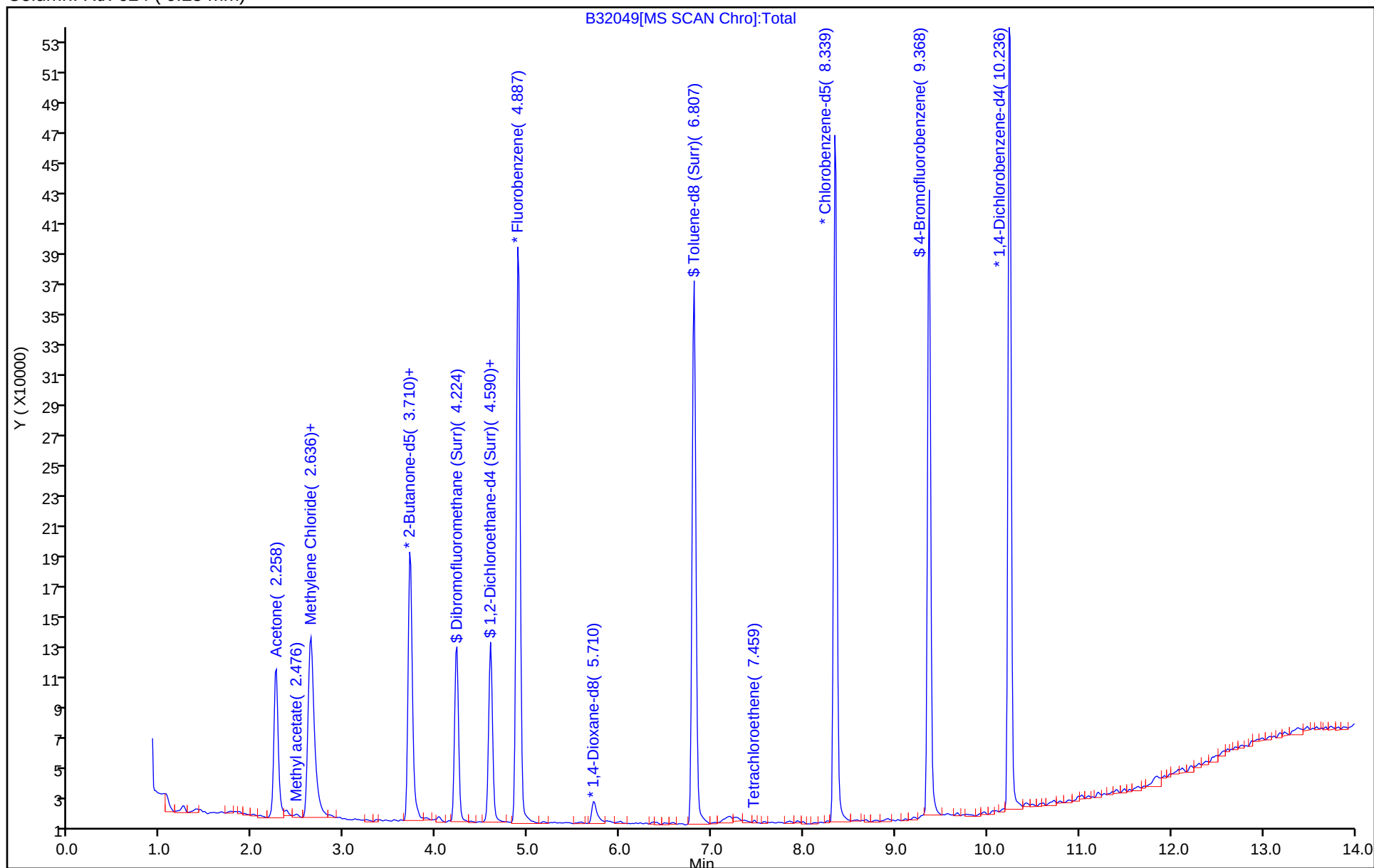
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75202.b\\B32049.D

Injection Date: 10-Jul-2018 14:34:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-A-11

Lab Sample ID: 460-159568-11

Client ID: EQUIPMENT 06262018

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

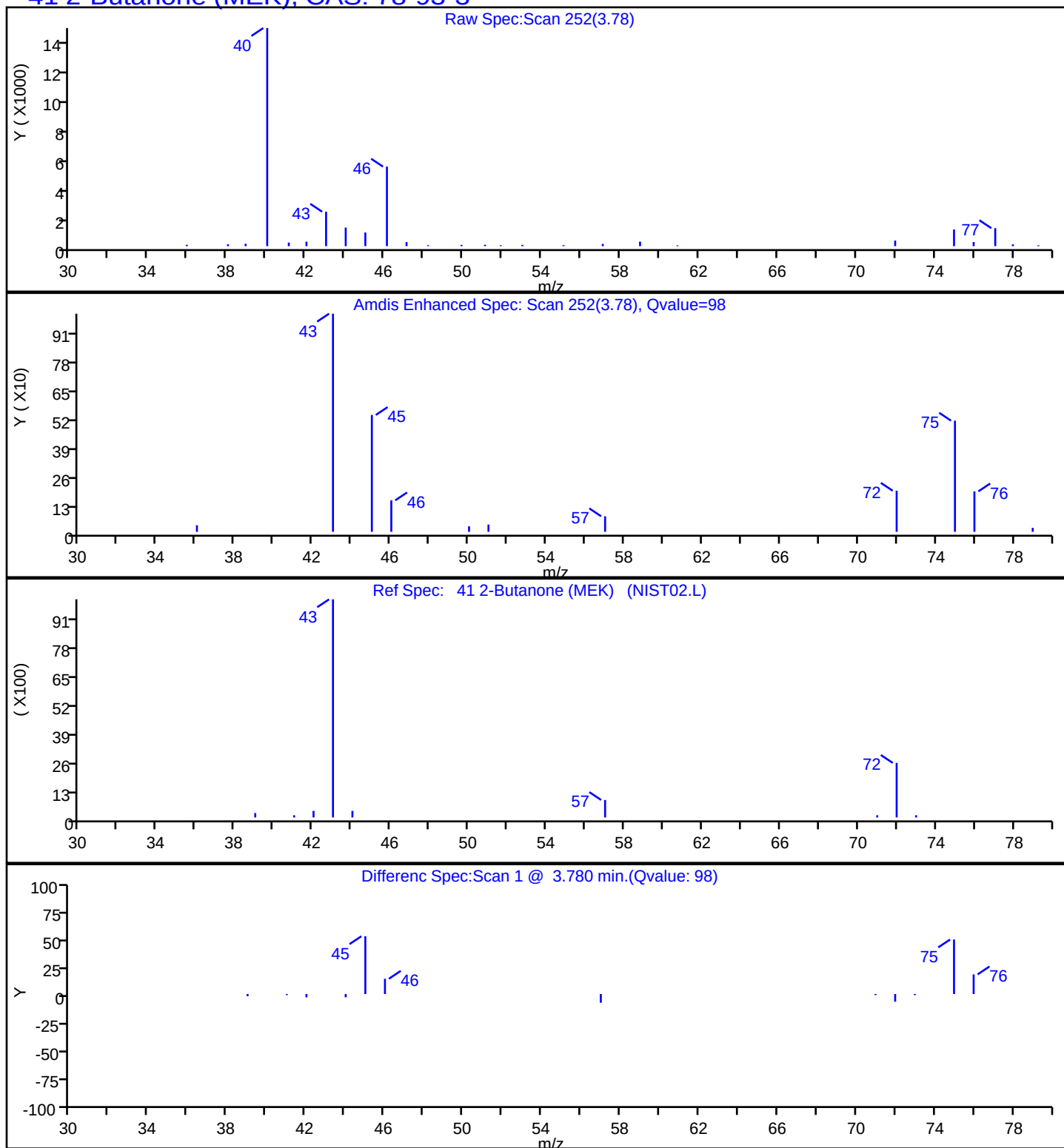
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

41 2-Butanone (MEK), CAS: 78-93-3

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75202.b\\B32049.D

Injection Date: 10-Jul-2018 14:34:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-A-11

Lab Sample ID: 460-159568-11

Client ID: EQUIPMENT 06262018

Operator ID:

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

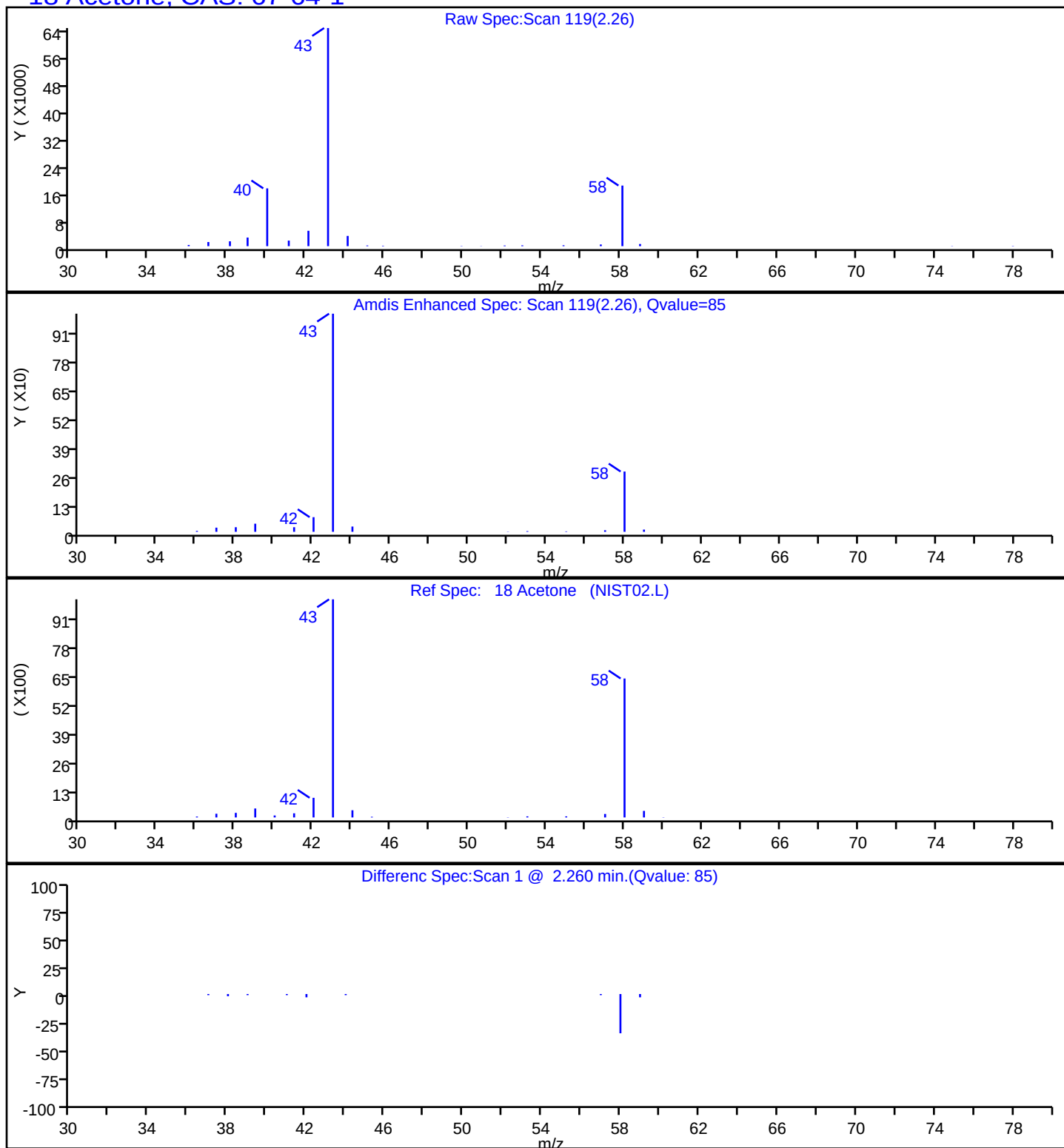
Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75202.b\\B32049.D

Injection Date: 10-Jul-2018 14:34:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-A-11

Lab Sample ID: 460-159568-11

Client ID: EQUIPMENT 06262018

Operator ID:

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

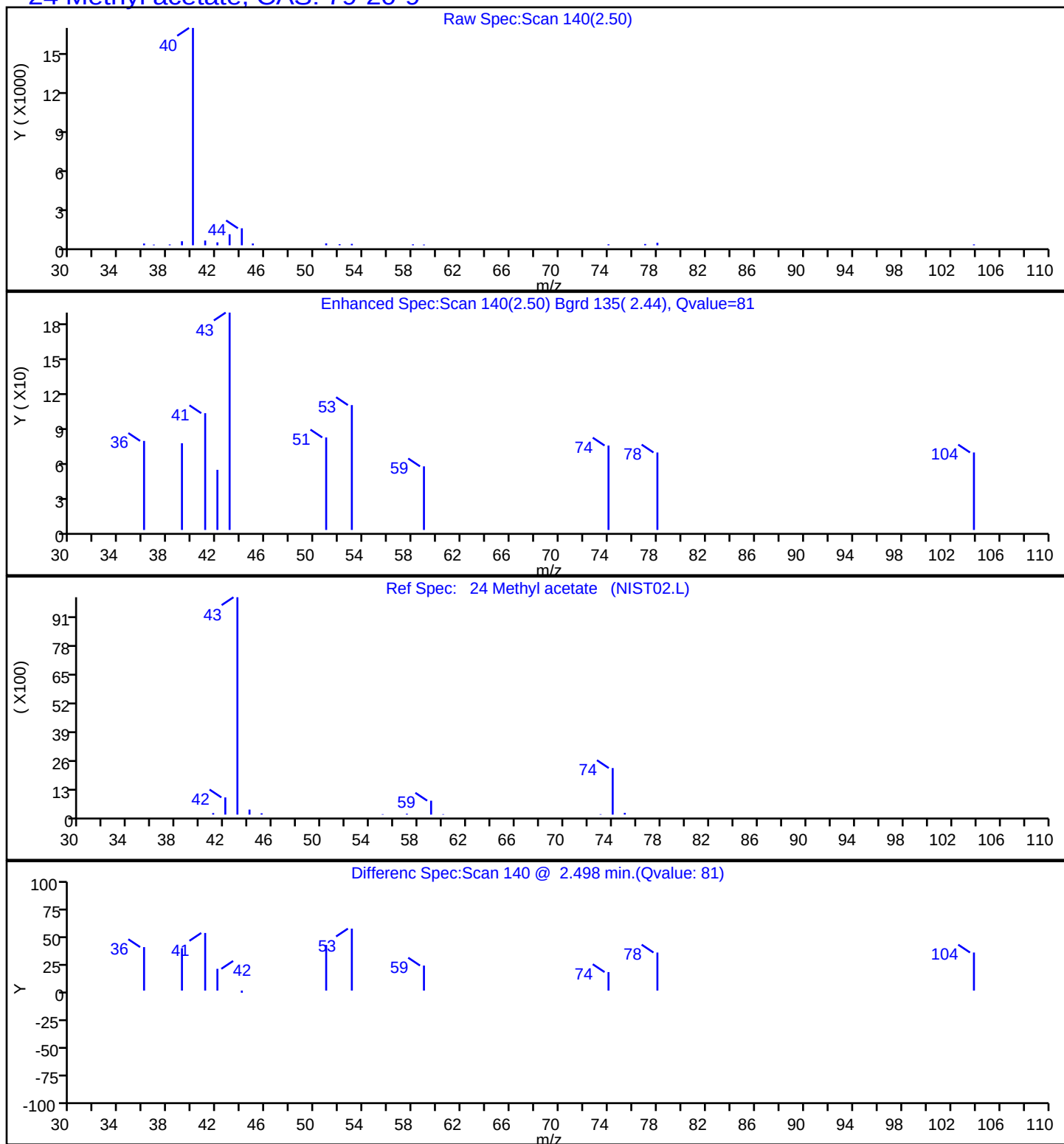
Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

24 Methyl acetate, CAS: 79-20-9



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32049.D

Injection Date: 10-Jul-2018 14:34:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-A-11

Lab Sample ID: 460-159568-11

Client ID: EQUIPMENT 06262018

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

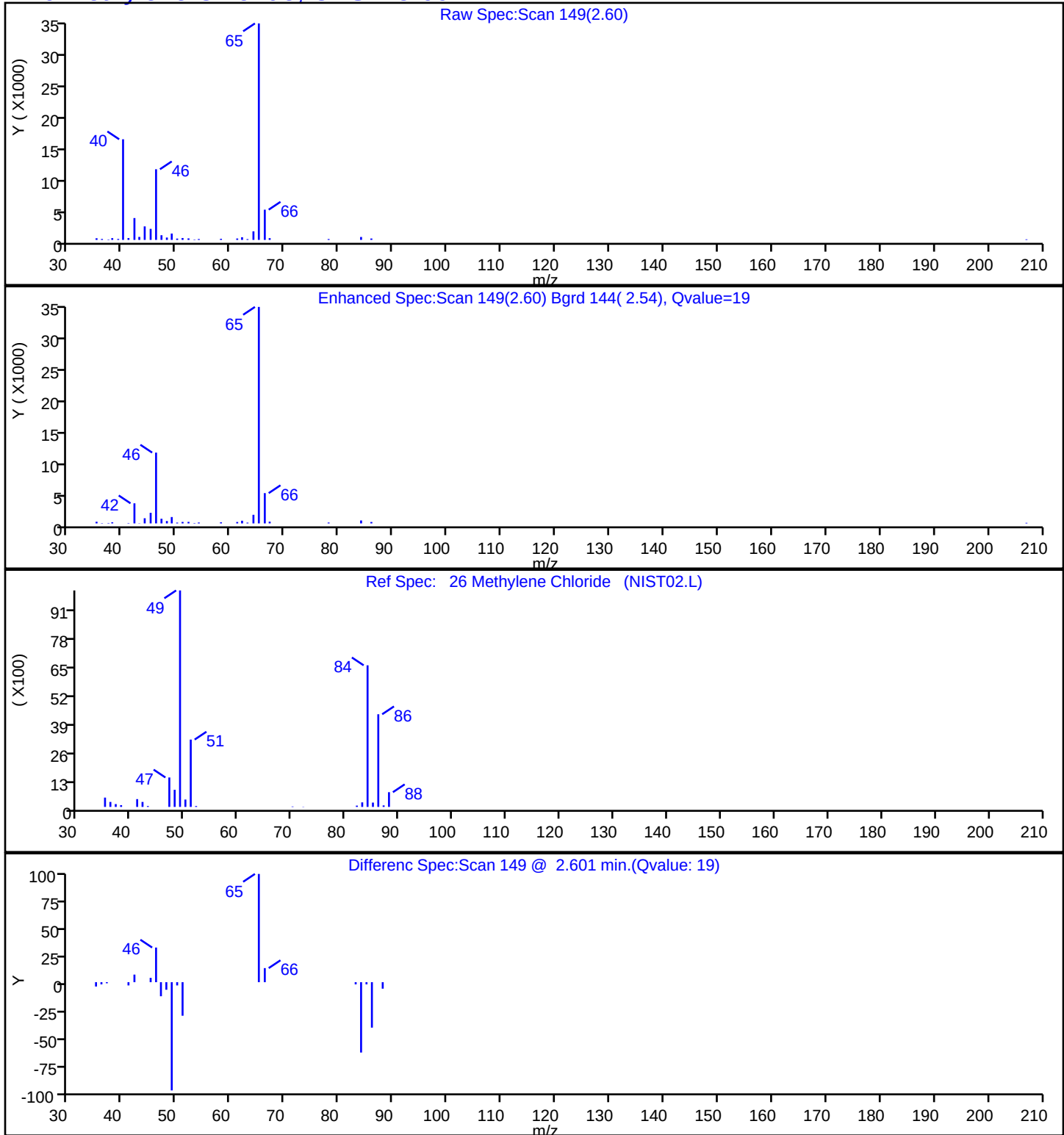
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

26 Methylene Chloride, CAS: 75-09-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32049.D

Injection Date: 10-Jul-2018 14:34:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-A-11

Lab Sample ID: 460-159568-11

Client ID: EQUIPMENT 06262018

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

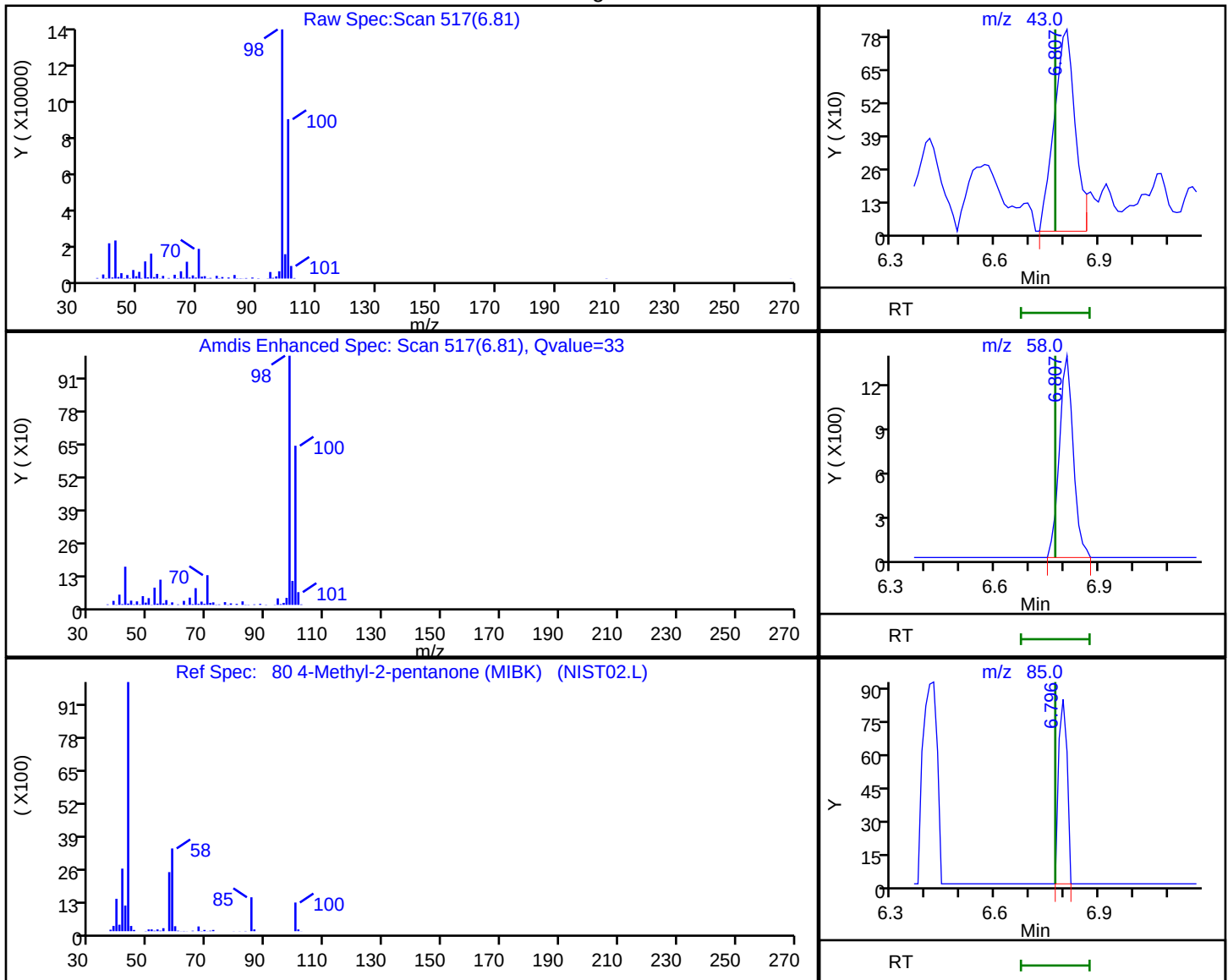
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

80 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.81	43.00	3425	0.916776
6.81	58.00	3911	
6.80	85.00	146	
6.81	100.00	242229	

Reviewer: delpolitov, 10-Jul-2018 17:37:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32049.D

Injection Date: 10-Jul-2018 14:34:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-A-11

Lab Sample ID: 460-159568-11

Client ID: EQUIPMENT 06262018

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

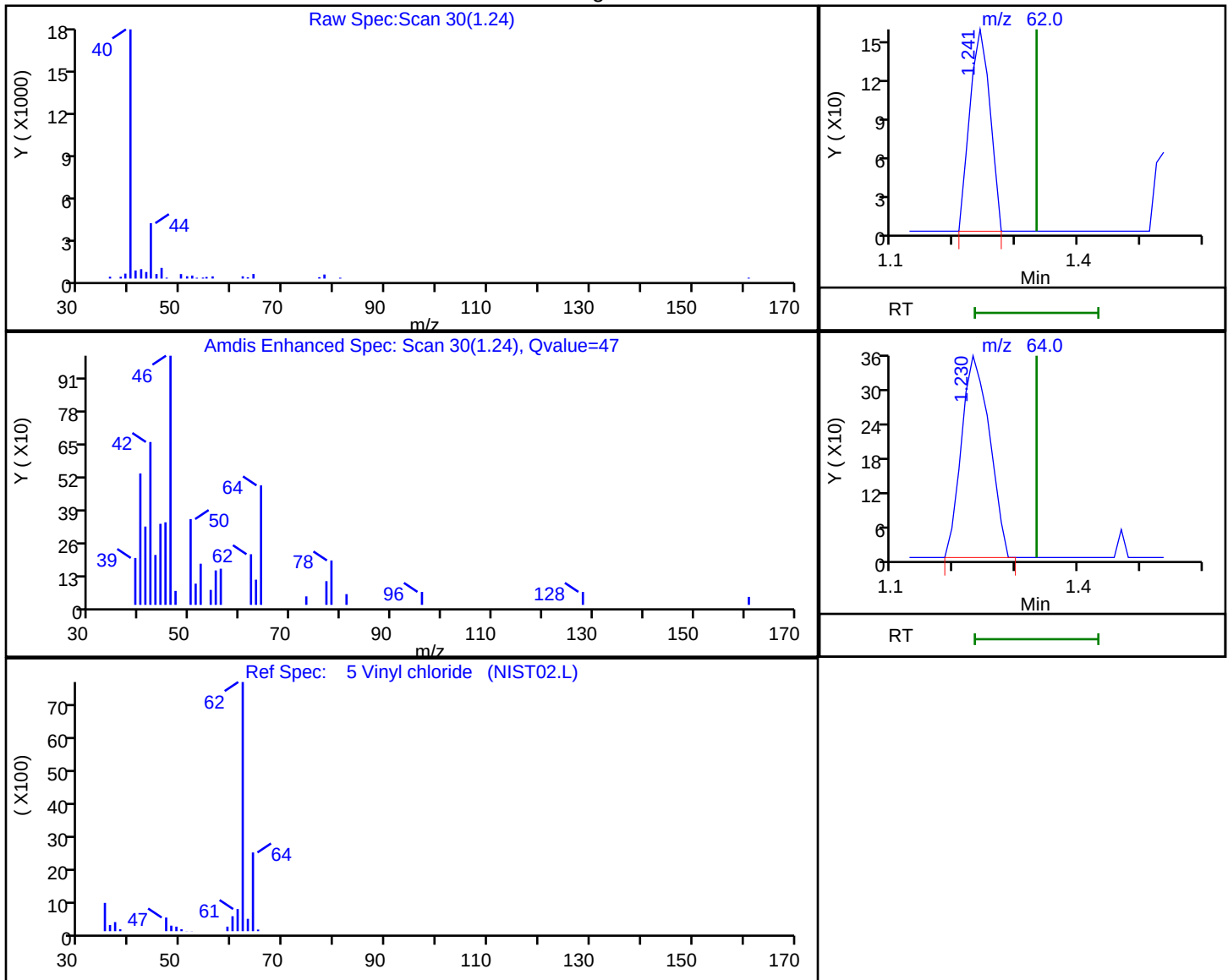
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

5 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.24	62.00	355	0.060983
1.23	64.00	1133	

Reviewer: delpolitov, 10-Jul-2018 17:37:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-1A 06282018</u>	Lab Sample ID: <u>460-159568-12</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32083.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/28/2018 11:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/11/2018 04:45</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>535140</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U *	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	69		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: FSMW-1A 06282018 Lab Sample ID: 460-159568-12

Matrix: Water Lab File ID: B32083.D

Analysis Method: 8260C Date Collected: 06/28/2018 11:40

Sample wt/vol: 5 (mL) Date Analyzed: 07/11/2018 04:45

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.: 535140 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.31	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	180		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.34	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	44		1.0	0.31
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		74-132
460-00-4	4-Bromofluorobenzene	116		77-124
1868-53-7	Dibromofluoromethane (Surr)	89		72-131
2037-26-5	Toluene-d8 (Surr)	92		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32083.D
 Lims ID: 460-159568-B-12
 Client ID: FSMW-1A 06282018
 Sample Type: Client
 Inject. Date: 11-Jul-2018 04:45:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-159568-B-12
 Misc. Info.: 460-0075225-017
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 11-Jul-2018 12:48:20 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: delpolitov

Date: 11-Jul-2018 12:45:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	326447	1000.0	
30 trans-1,2-Dichloroethene	96	2.784	2.784	0.000	95	1334	0.3379	
* 39 2-Butanone-d5	46	3.721	3.710	0.011	0	376689	250.0	
40 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	93	263049	68.6	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.224	0.000	96	100035	44.7	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	60	114101	44.9	
* 63 Fluorobenzene	96	4.899	4.899	0.000	98	525879	50.0	
64 Trichloroethene	95	5.299	5.287	0.012	98	139839	44.2	
* 70 1,4-Dioxane-d8	96	5.722	5.710	0.012	96	22717	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.807	0.000	98	378077	45.8	
85 Tetrachloroethene	166	7.470	7.470	0.000	99	565609	179.9	
* 92 Chlorobenzene-d5	117	8.350	8.339	0.011	89	374128	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	198276	57.8	
* 119 1,4-Dichlorobenzene-d4	152	10.248	10.248	0.000	96	205766	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75225.b\\B32083.D

Injection Date: 11-Jul-2018 04:45:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-B-12

Lab Sample ID: 460-159568-12

Worklist Smp#: 17

Client ID: FSMW-1A 06282018

Purge Vol: 5.000 mL

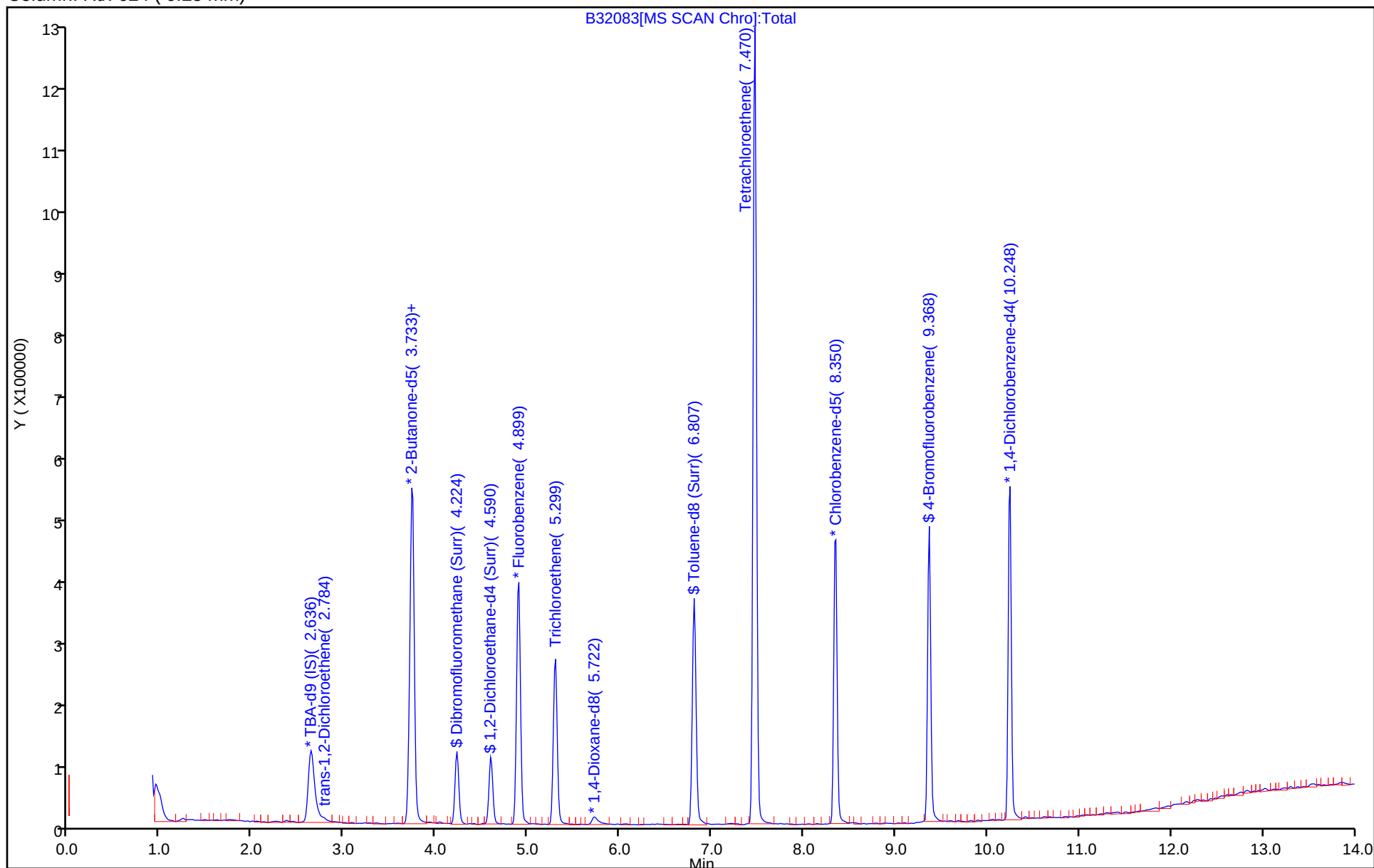
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75225.b\\B32083.D

Injection Date: 11-Jul-2018 04:45:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-12

Lab Sample ID: 460-159568-12

Client ID: FSMW-1A 06282018

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

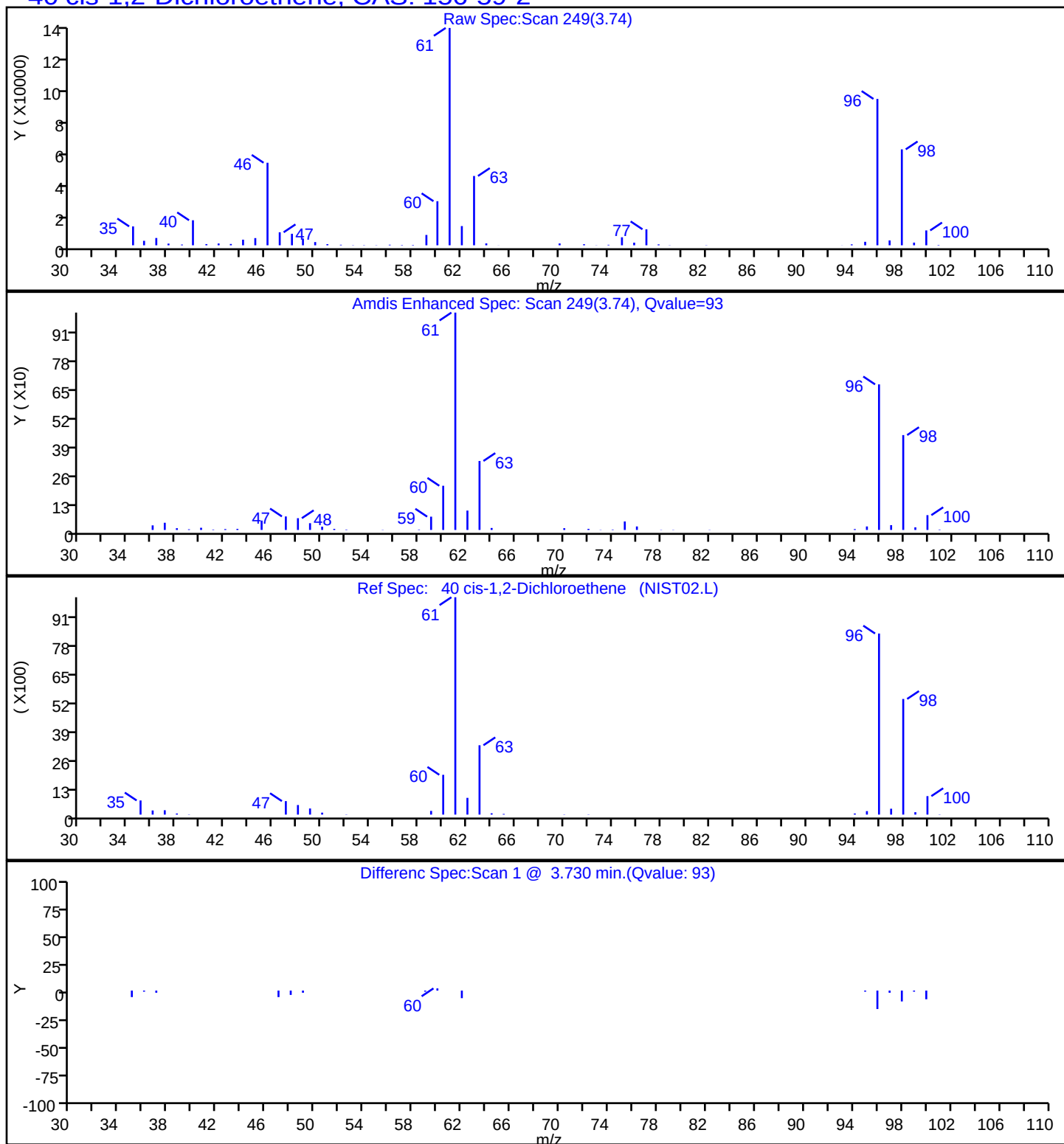
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32083.D

Injection Date: 11-Jul-2018 04:45:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-12

Lab Sample ID: 460-159568-12

Client ID: FSMW-1A 06282018

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

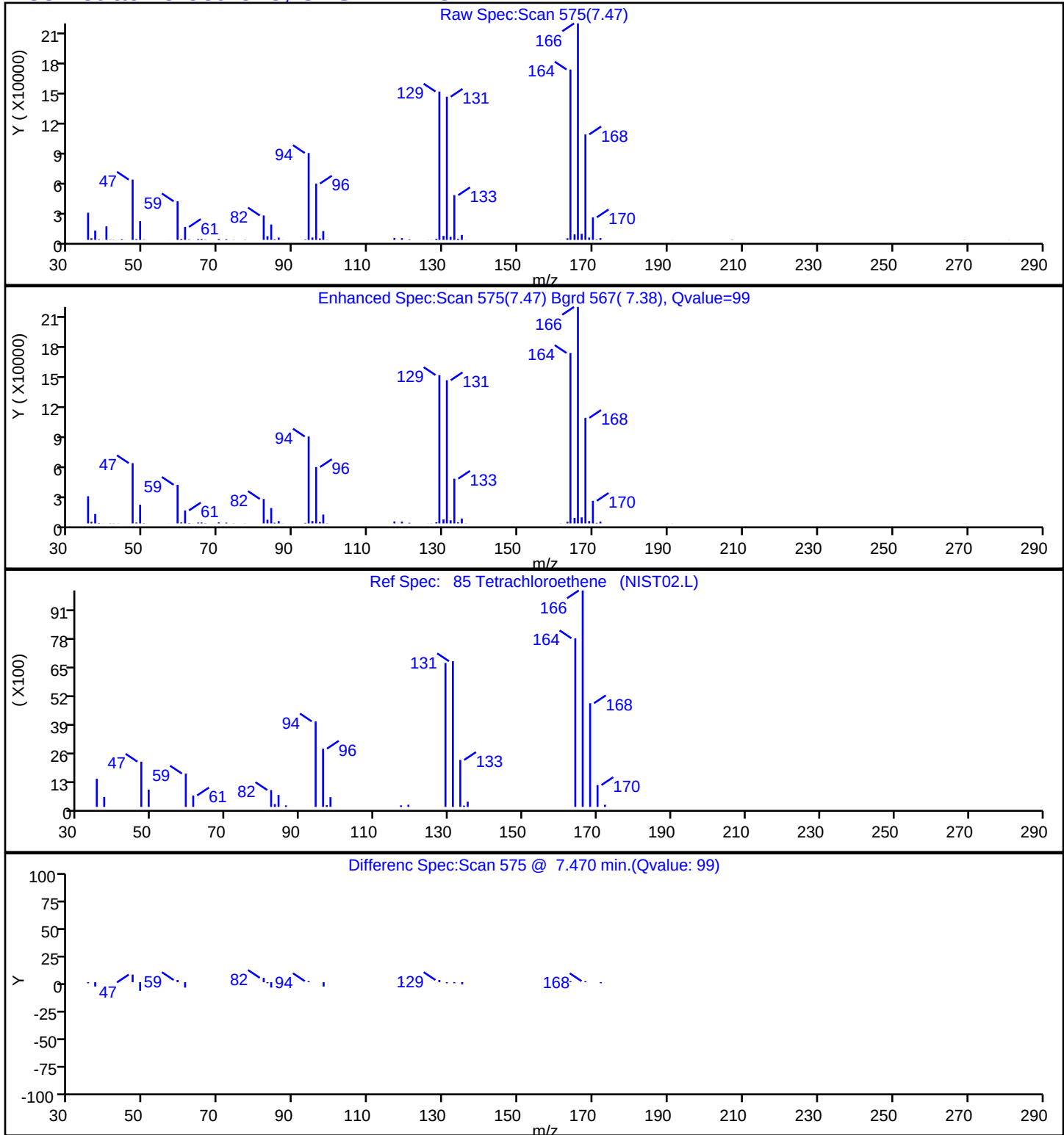
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75225.b\\B32083.D

Injection Date: 11-Jul-2018 04:45:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-12

Lab Sample ID: 460-159568-12

Client ID: FSMW-1A 06282018

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

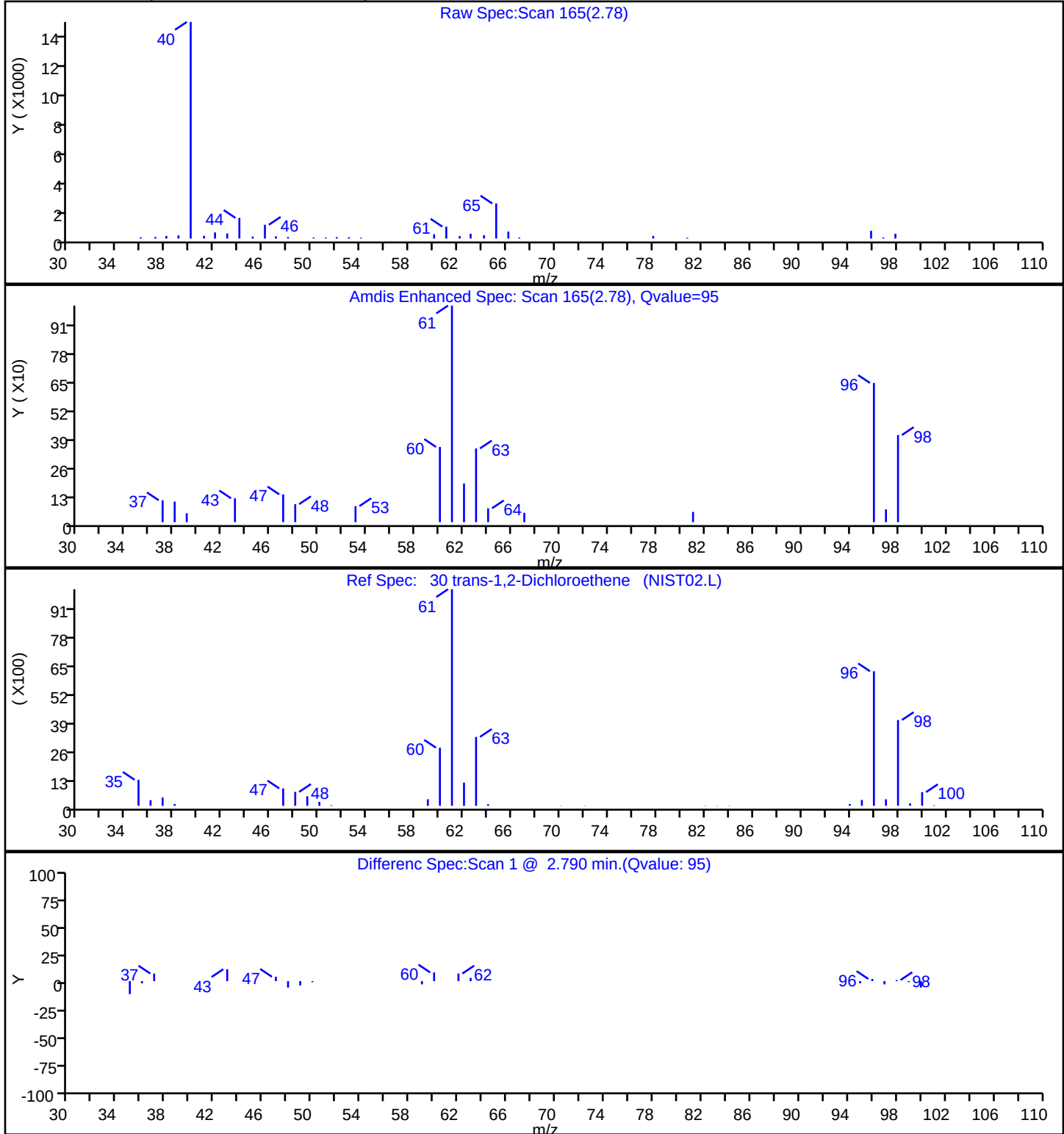
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75225.b\\B32083.D

Injection Date: 11-Jul-2018 04:45:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-12

Lab Sample ID: 460-159568-12

Client ID: FSMW-1A 06282018

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

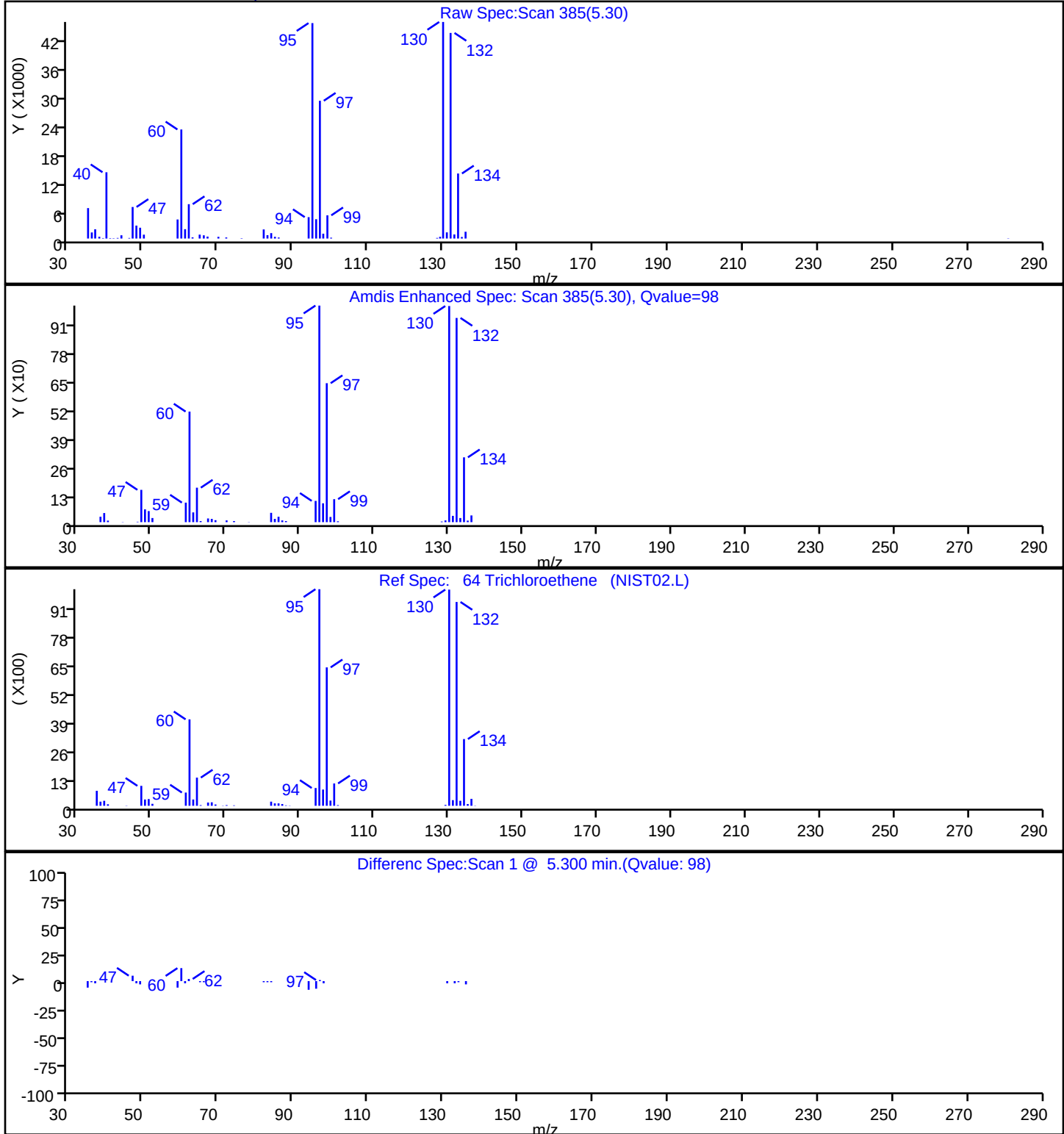
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32083.D

Injection Date: 11-Jul-2018 04:45:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-12

Lab Sample ID: 460-159568-12

Client ID: FSMW-1A 06282018

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

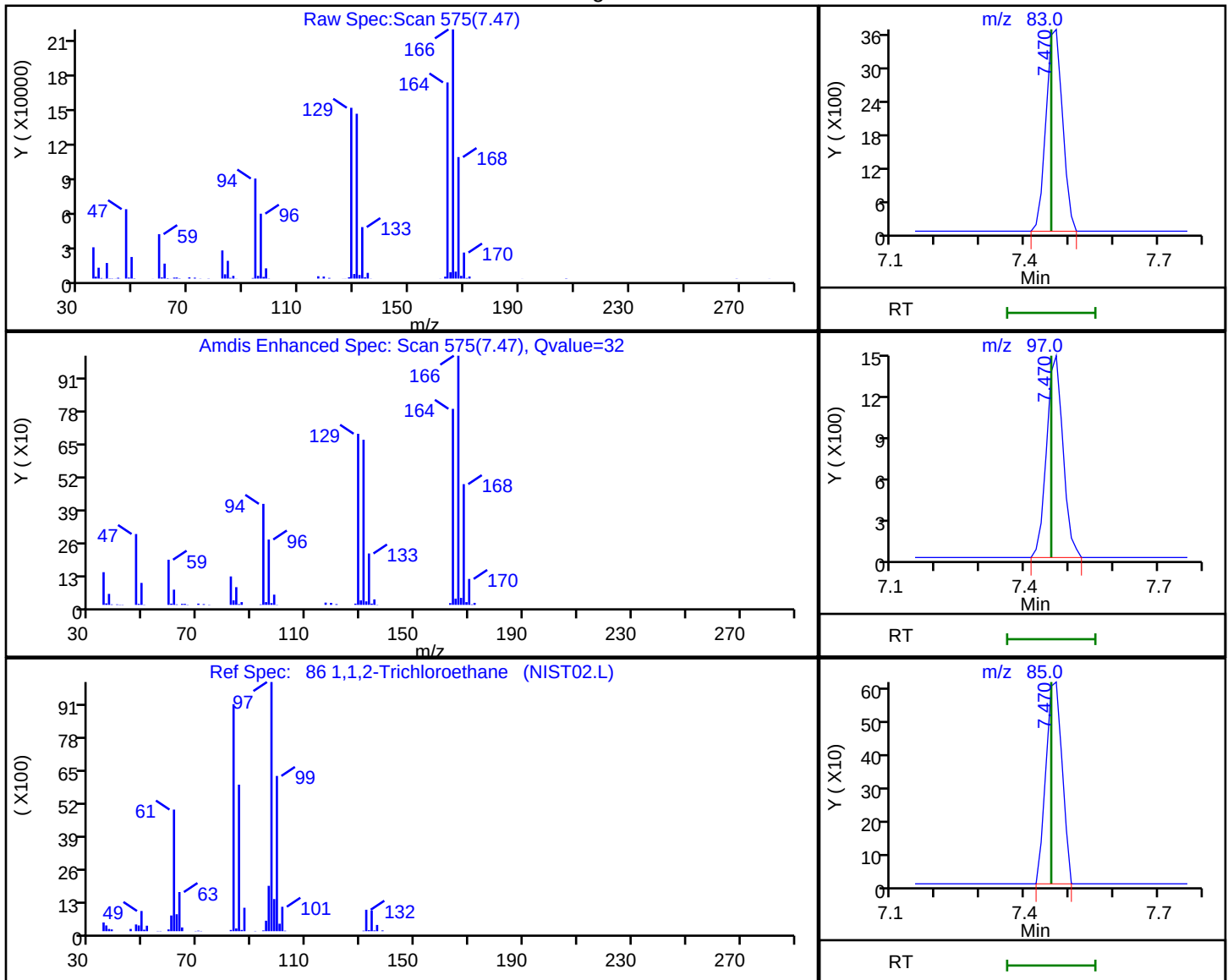
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

86 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.47	83.00	9598	4.081874
7.47	97.00	3698	
7.47	85.00	1569	

Reviewer: delpolitov, 11-Jul-2018 12:45:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32083.D

Injection Date: 11-Jul-2018 04:45:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-12

Lab Sample ID: 460-159568-12

Client ID: FSMW-1A 06282018

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

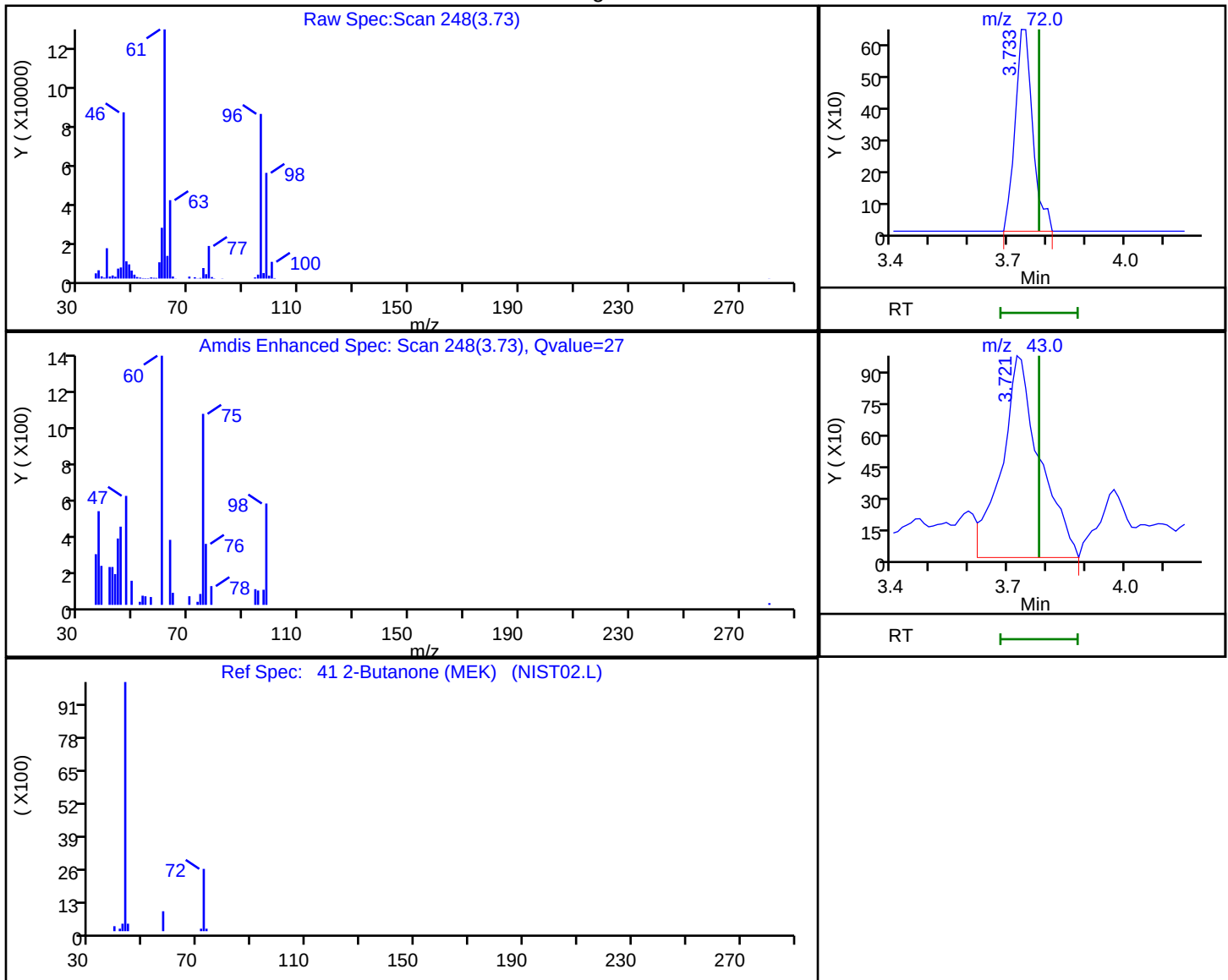
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.73	72.00	2056	5.704231
3.72	43.00	6691	

Reviewer: delpolitov, 11-Jul-2018 12:45:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32083.D

Injection Date: 11-Jul-2018 04:45:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-12

Lab Sample ID: 460-159568-12

Client ID: FSMW-1A 06282018

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

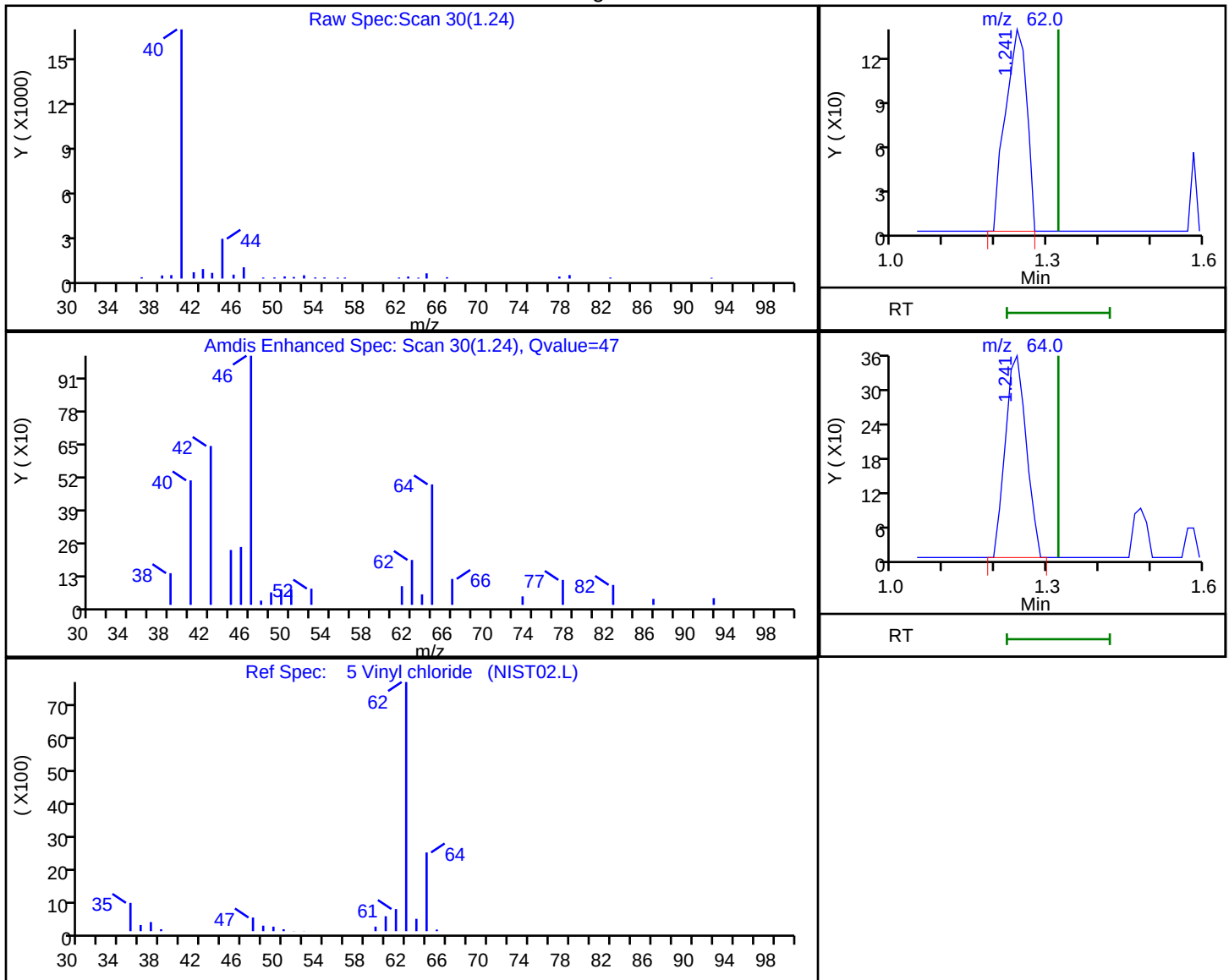
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

5 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.24	62.00	396	0.066101
1.24	64.00	1003	

Reviewer: delpolitov, 11-Jul-2018 12:45:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: Q218WASTE 06282018 Lab Sample ID: 460-159568-13

Matrix: Water Lab File ID: B32084.D

Analysis Method: 8260C Date Collected: 06/28/2018 12:10

Sample wt/vol: 5 (mL) Date Analyzed: 07/11/2018 05:10

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.: 535140 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U *	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>Q218WASTE 06282018</u>	Lab Sample ID: <u>460-159568-13</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32084.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/28/2018 12:10</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/11/2018 05:10</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>535140</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.31	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	140		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	4.5		1.0	0.31
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	129	X	77-124
1868-53-7	Dibromofluoromethane (Surr)	105		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32084.D
 Lims ID: 460-159568-B-13
 Client ID: Q218WASTE 06282018
 Sample Type: Client
 Inject. Date: 11-Jul-2018 05:10:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-159568-B-13
 Misc. Info.: 460-0075225-018
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 11-Jul-2018 12:48:20 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: delpolitov

Date: 11-Jul-2018 12:46:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	287883	1000.0	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	335495	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.744	-0.011	89	6242	1.90	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.224	0.000	96	100594	52.4	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	60	108254	49.7	
* 63 Fluorobenzene	96	4.887	4.899	-0.012	98	450394	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	96	12150	4.48	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	96	19947	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.807	0.000	98	364276	51.6	
85 Tetrachloroethene	166	7.470	7.470	0.000	99	369516	137.3	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	320121	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	92	189081	64.4	
* 119 1,4-Dichlorobenzene-d4	152	10.248	10.248	0.000	97	182679	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32084.D

Injection Date: 11-Jul-2018 05:10:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-B-13

Lab Sample ID: 460-159568-13

Worklist Smp#: 18

Client ID: Q218WASTE 06282018

Purge Vol: 5.000 mL

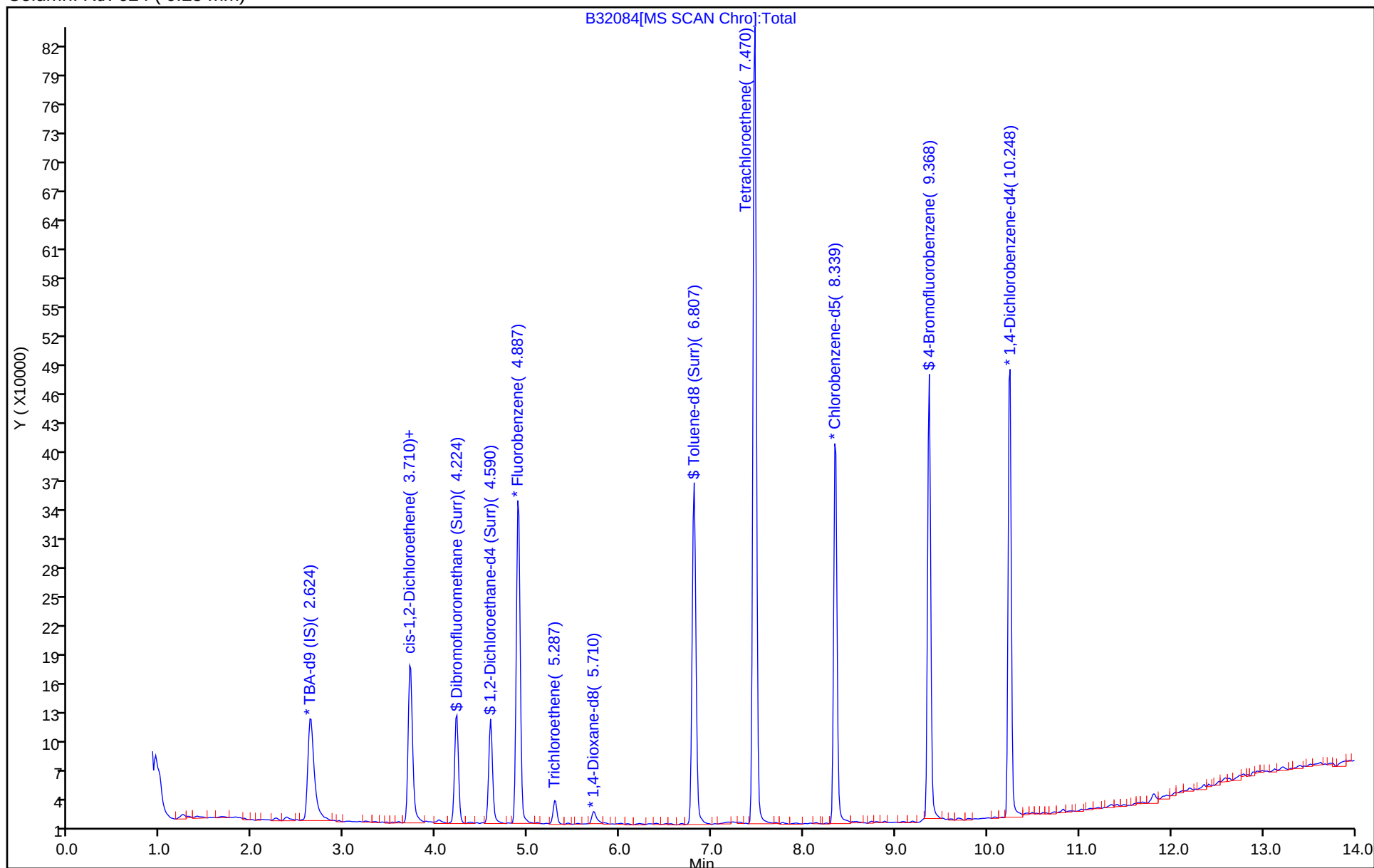
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32084.D

Injection Date: 11-Jul-2018 05:10:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-13

Lab Sample ID: 460-159568-13

Client ID: Q218WASTE 06282018

Operator ID:

ALS Bottle#:

Worklist Smp#: 18

Purge Vol: 5.000 mL

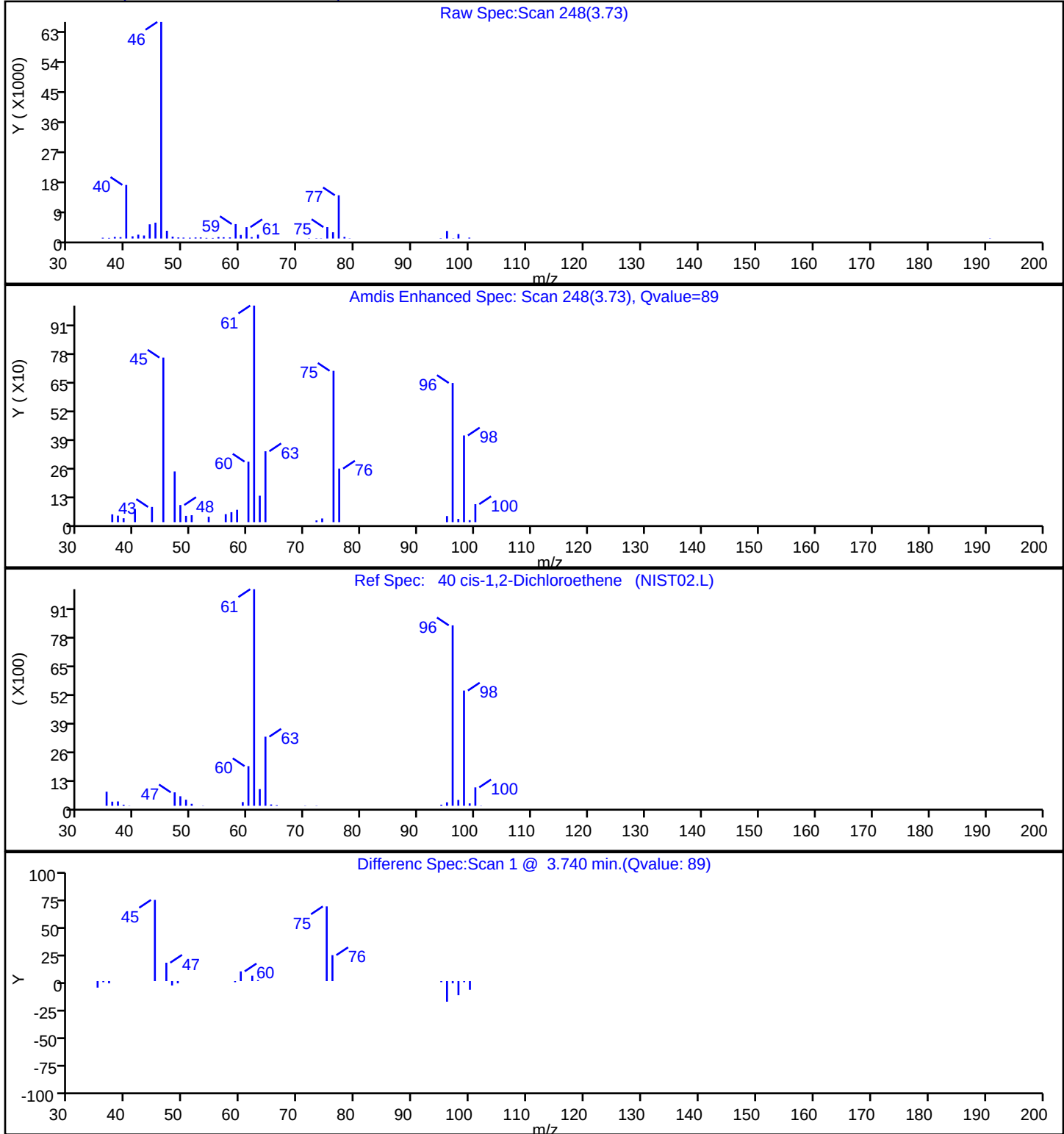
Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32084.D

Injection Date: 11-Jul-2018 05:10:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-13

Lab Sample ID: 460-159568-13

Client ID: Q218WASTE 06282018

Operator ID:

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

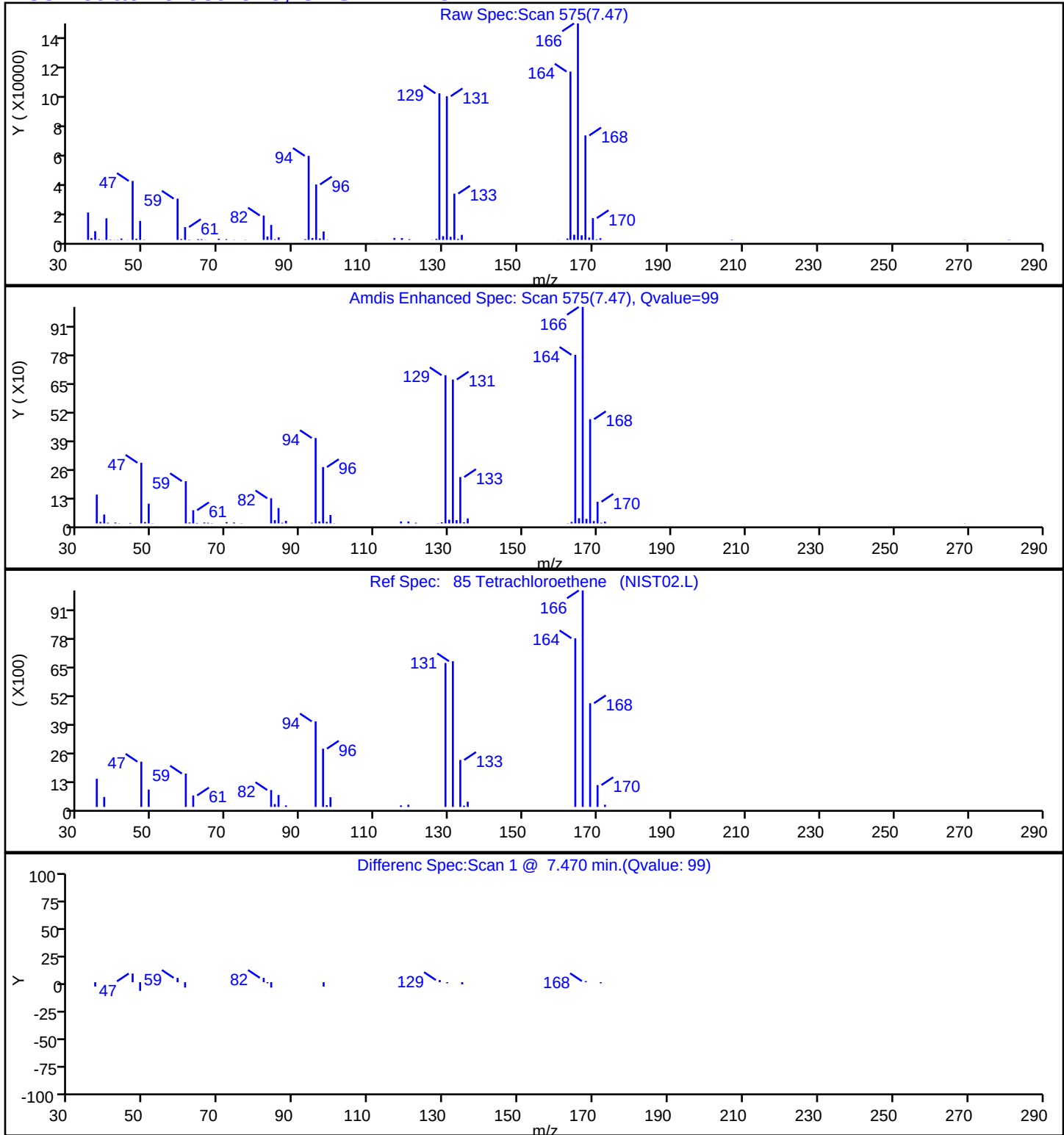
Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75225.b\\B32084.D

Injection Date: 11-Jul-2018 05:10:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-13

Lab Sample ID: 460-159568-13

Client ID: Q218WASTE 06282018

Operator ID:

ALS Bottle#:

Worklist Smp#: 18

Purge Vol: 5.000 mL

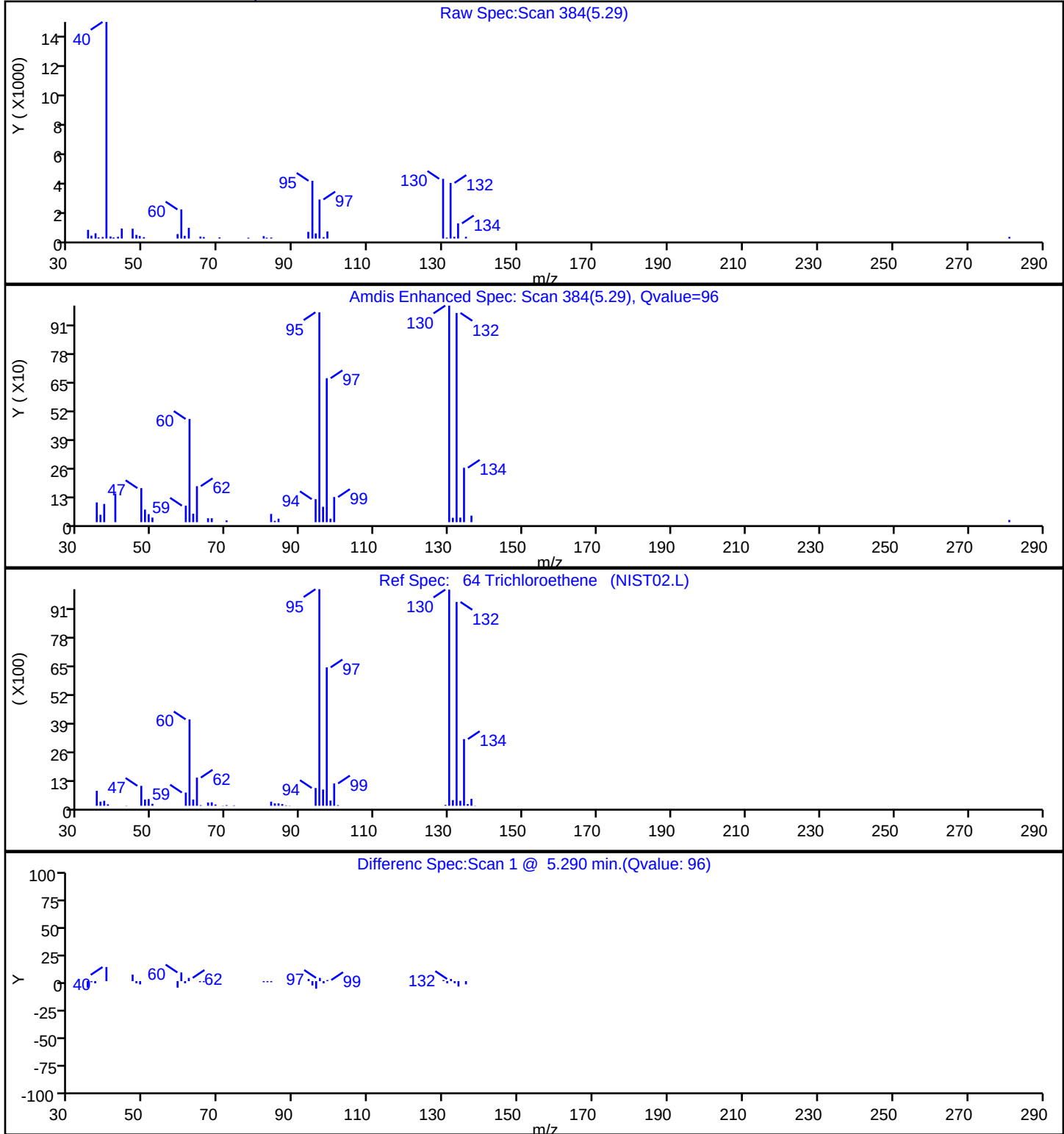
Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

64 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32084.D

Injection Date: 11-Jul-2018 05:10:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-13

Lab Sample ID: 460-159568-13

Client ID: Q218WASTE 06282018

Operator ID:

ALS Bottle#:

17

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

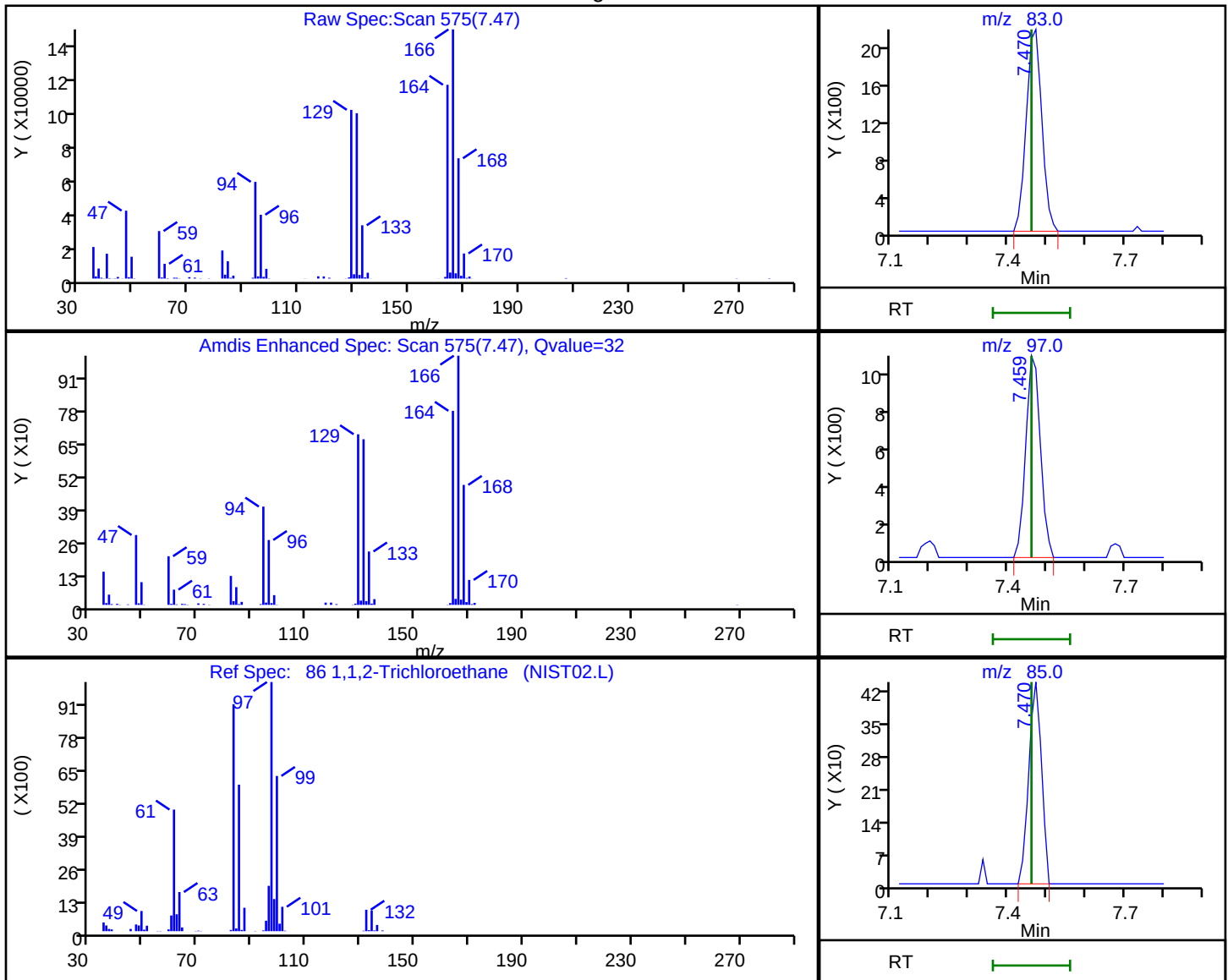
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

86 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.47	83.00	6106	3.034881
7.46	97.00	2659	
7.47	85.00	985	

Reviewer: delpolitov, 11-Jul-2018 12:46:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32084.D

Injection Date: 11-Jul-2018 05:10:30

Instrument ID: CVOAMS2

Lims ID: 460-159568-B-13

Lab Sample ID: 460-159568-13

Client ID: Q218WASTE 06282018

Operator ID:

ALS Bottle#:

17

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

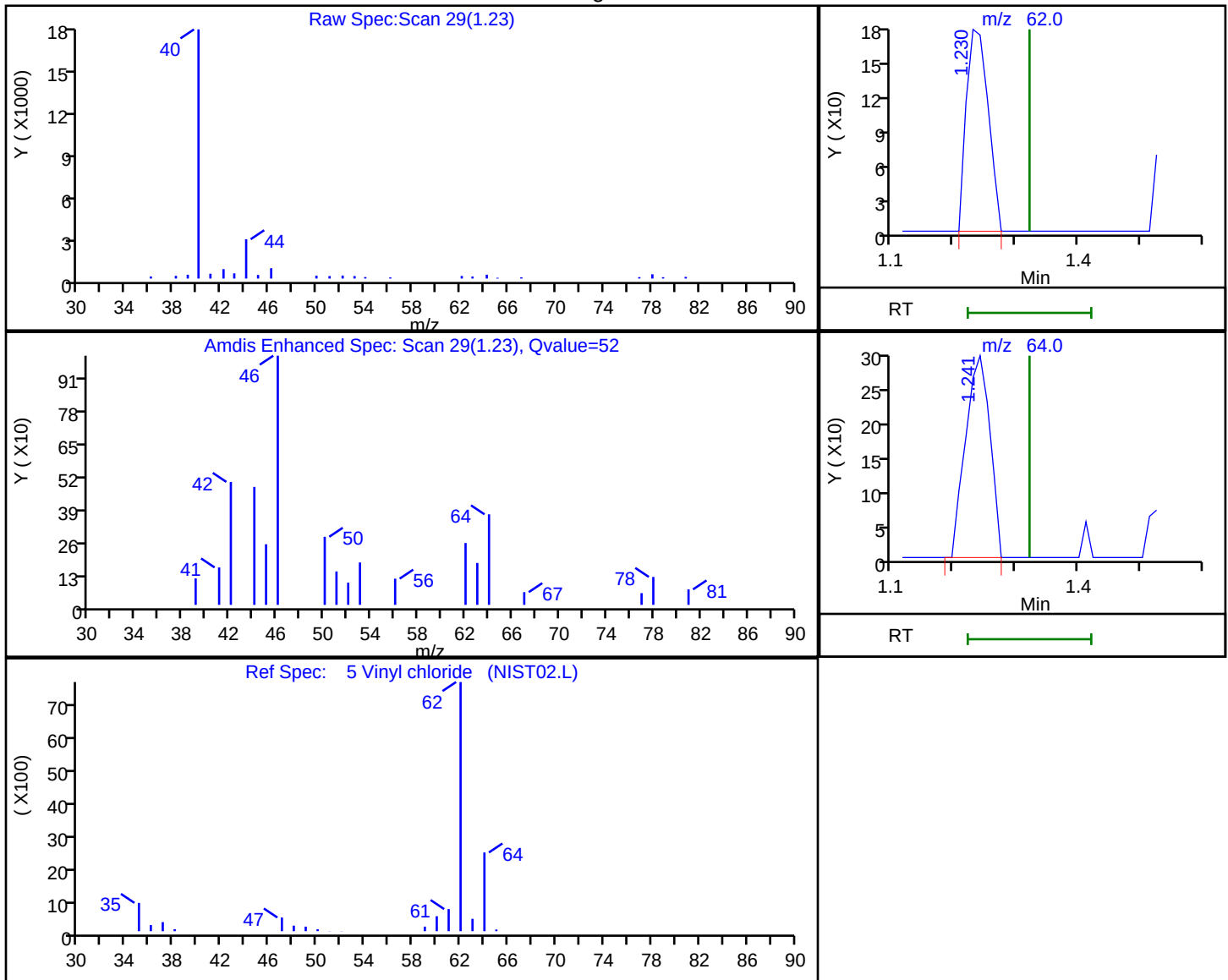
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

5 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.23	62.00	435	0.084780
1.24	64.00	806	

Reviewer: delpolitov, 11-Jul-2018 12:45:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1 Analy Batch No.: 534663

SDG No.: _____

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-534663/3	B31998.D
Level 2	STD1 460-534663/16	b32011.D
Level 3	STD5 460-534663/5	B32000.D
Level 4	STD20 460-534663/6	B32001.D
Level 5	STD50 460-534663/7	B32002.D
Level 6	STD200 460-534663/8	B32003.D
Level 7	STD500 460-534663/9	B32004.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0887	0.0670 0.0771	0.0885	0.0648	0.0807	Ave		0.0778				13.2		20.0			
Dichlorodifluoromethane	+++++ 0.4792	0.4941 0.4305	0.4779	0.4547	0.5128	Ave		0.4749			0.1000	6.1		20.0			
Chloromethane	+++++ 0.6253	0.8218 0.5023	0.6913	0.6291	0.6517	Ave		0.6536			0.1000	15.9		20.0			
Butadiene	+++++ 0.4579	0.5576 0.3781	0.5039	0.4584	0.5020	Ave		0.4763				12.7		20.0			
Vinyl chloride	+++++ 0.5507	0.6552 0.4516	0.6208	0.5450	0.5943	Ave		0.5696			0.1000	12.5		20.0			
Bromomethane	+++++ 0.3362	0.4192 +++++	0.3811	0.3485	0.3731	Ave		0.3717			0.1000	8.7		20.0			
Chloroethane	+++++ 0.2701	0.3681 +++++	0.3067	0.2785	0.2896	Ave		0.3026			0.1000	12.9		20.0			
Dichlorofluoromethane	+++++ 0.6991	0.9588 0.5318	0.8055	0.7072	0.7534	Ave		0.7426				18.9		20.0			
Trichlorofluoromethane	+++++ 0.4807	0.5641 0.3973	0.5565	0.4680	0.5170	Ave		0.4973			0.1000	12.6		20.0			
Pentane	+++++ 1.6926	1.8222 1.5801	1.7678	1.6695	1.6583	Ave		1.6984				5.0		20.0			
Ethanol	+++++ 0.0733	0.1057 0.0612	0.0735	0.0732	0.0738	Ave		0.0768				19.5		20.0			
Ethyl ether	+++++ 0.2942	0.3597 0.2379	0.2808	0.2556	0.2898	Ave		0.2863				14.6		20.0			
2-Methyl-1,3-butadiene	+++++ 0.3079	0.3737 0.2614	0.2995	0.2937	0.3190	Ave		0.3092				12.0		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2763	0.3265 0.2431	0.2844	0.2587	0.2748	Ave		0.2773				10.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1 Analy Batch No.: 534663
SDG No.: _____
Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	++++ 2.0933	2.9120 1.8969	1.8771	1.9597	1.9973	Lin2	3.8737	1.9016							0.9950		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.3051	0.3701 0.2682	0.2859	0.2609	0.2883	Ave		0.2964			0.1000	13.3		20.0			
1,1-Dichloroethene	++++ 0.3248	0.3576 0.2804	0.2797	0.2654	0.2906	Ave		0.2997			0.1000	11.6		20.0			
Acetone	++++ 0.7629	1.0867 0.6500	0.7943	0.6839	0.7399	Ave		0.7863			0.0500	19.9		20.0			
Iodomethane	++++ 0.6462	0.6631 0.5459	0.5796	0.5243	0.5801	Ave		0.5898				9.3		20.0			
Carbon disulfide	++++ 1.2930	1.6133 ++++	1.1600	1.0730	1.1434	Ave		1.2565			0.1000	17.1		20.0			
Isopropyl alcohol	++++ 0.8638	0.9468 0.7416	0.8914	0.7799	0.8415	Ave		0.8442				8.8		20.0			
Allyl chloride	++++ 0.2450	0.2611 0.1949	0.2086	0.2089	0.2119	Ave		0.2217				11.5		20.0			
Cyclopentene	++++ 0.7869	0.9156 0.6758	0.8021	0.7251	0.7842	Ave		0.7816				10.4		20.0			
Methyl acetate	++++ 0.2462	0.3223 ++++	0.2420	0.2074	0.2551	Ave		0.2546			0.1000	16.5		20.0			
Acetonitrile	++++ 0.0505	0.0744 0.0357	0.0505	0.0394	0.0479	QuaF		0.0586	-0.000005						0.9990		0.9900
Methylene Chloride	++++ 0.3975	0.4467 0.3310	0.3894	0.3449	0.3713	Ave		0.3802			0.1000	10.9		20.0			
2-Methyl-2-propanol	++++ 1.3664	1.7839 ++++	1.2546	1.2219	1.3002	Ave		1.3854				16.5		20.0			
Methyl tert-butyl ether	++++ 0.9751	1.1146 0.7783	0.9008	0.7989	0.9334	Ave		0.9168			0.1000	13.5		20.0			
trans-1,2-Dichloroethene	++++ 0.3479	0.4627 0.2898	0.3149	0.2898	0.3111	QuaF		0.3754	-0.000170		0.1000				0.9990		0.9900
Acrylonitrile	0.3568 0.1214	0.1619 0.0942	0.1135	0.0926	0.1187	QuaF		0.1363	-0.000008						0.9990		0.9900
Hexane	++++ 0.2603	0.3504 0.2189	0.2355	0.2255	0.2473	QuaF		0.2819	-0.000126						1.0000		0.9900
Isopropyl ether	++++ 1.3307	1.5355 1.0411	1.3770	1.2328	1.3386	Ave		1.3093				12.5		20.0			
1,1-Dichloroethane	++++ 0.6671	0.7953 0.5381	0.6849	0.6051	0.6595	Ave		0.6583			0.2000	13.0		20.0			
Vinyl acetate	++++ 2.3321	2.7285 2.1170	1.8910	1.9169	1.8969	Ave		2.1471				15.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1 Analy Batch No.: 534663
SDG No.: _____
Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloro-1,3-butadiene	++++ 0.2986	0.3320 0.2546	0.2833	0.2595	0.2774	Ave		0.2842				10.0		20.0			
Tert-butyl ethyl ether	++++ 1.1513	1.3184 0.9261	1.1267	0.9911	1.0955	Ave		1.1015				12.4		20.0			
2,2-Dichloropropane	++++ 0.3260	0.7520 0.2659	0.4417	0.3266	0.3450	Lin2	0.4445	0.3149							0.9900		0.9900
cis-1,2-Dichloroethene	++++ 0.3855	0.4280 0.3244	0.3812	0.3191	0.3507	Ave		0.3648			0.1000	11.4		20.0			
2-Butanone (MEK)	++++ 0.2672	0.2193 0.2423	0.2337	0.2326	0.2402	Ave		0.2392			0.0500	6.6		20.0			
Ethyl acetate	++++ 0.2757	0.2790 0.2452	0.2486	0.2345	0.2387	Ave		0.2536				7.5		20.0			
Methyl acrylate	++++ 0.0430	0.0254 0.0359	0.0407	0.0298	0.0372	Ave		0.0353				18.8		20.0			
Propionitrile	++++ 1.6883	1.9400 1.4984	1.5177	1.3730	1.5788	Ave		1.5994				12.3		20.0			
Chlorobromomethane	++++ 0.1800	0.2424 0.1506	0.1781	0.1521	0.1738	QuaF		0.1956	-0.000090						1.0000		0.9900
Tetrahydrofuran	++++ 0.2960	0.3093 0.2605	0.2671	0.2213	0.2758	Ave		0.2717				11.3		20.0			
Methacrylonitrile	++++ 0.1228	0.1463 0.0962	0.1065	0.0926	0.1146	Ave		0.1132				17.4		20.0			
Chloroform	++++ 0.5768	0.6409 0.4816	0.6075	0.5302	0.5638	Ave		0.5668			0.2000	9.9		20.0			
Cyclohexane	++++ 0.4255	0.4846 0.3794	0.3691	0.3516	0.3721	Ave		0.3970			0.1000	12.5		20.0			
1,1,1-Trichloroethane	++++ 0.4626	0.5168 0.3911	0.4714	0.4351	0.4513	Ave		0.4547			0.1000	9.1		20.0			
Carbon tetrachloride	++++ 0.3811	0.4424 0.3247	0.4008	0.3408	0.3737	Ave		0.3772			0.1000	11.2		20.0			
1,1-Dichloropropene	++++ 0.4421	0.5284 0.3770	0.4253	0.3778	0.4172	Ave		0.4280				13.0		20.0			
2,2,4-Trimethylpentane	++++ 0.6745	0.8235 0.6127	0.5660	0.5659	0.6320	Ave		0.6458				14.9		20.0			
Isobutyl alcohol	++++ 0.1420	0.1755 ++++	0.1141	0.1197	0.1250	Ave		0.1353				18.3		20.0			
Benzene	++++ 1.8278	2.0388 1.4860	1.7646	1.6632	1.7397	Ave		1.7534			0.5000	10.4		20.0			
Tert-amyl methyl ether	++++ 1.0873	1.2271 0.9197	1.0477	0.9295	1.0362	Ave		1.0413				10.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1 Analy Batch No.: 534663

SDG No.: _____

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloroethane	++++ 0.4268	0.6175 0.3496	0.4875	0.3958	0.4272	Lin2	0.2212	0.4037			0.1000				0.9920		0.9900
Isopropyl acetate	++++ 0.1731	0.1988 0.1431	0.1669	0.1400	0.1616	Ave		0.1639				13.1		20.0			
n-Heptane	++++ 0.1503	0.2142 0.1300	0.1285	0.1147	0.1285	QuaF		0.1583	-0.000056						0.9990		0.9900
Trichloroethene	++++ 0.3225	0.3122 0.2805	0.3148	0.2777	0.2979	Ave		0.3009			0.2000	6.2		20.0			
n-Butanol	++++ 0.2165	0.2080 0.2046	0.1519	0.1561	0.1946	Ave		0.1886				14.7		20.0			
Methylcyclohexane	++++ 0.4279	0.4688 0.3824	0.3546	0.3247	0.3812	Ave		0.3899			0.1000	13.2		20.0			
Ethyl acrylate	++++ 0.4283	0.3944 0.3634	0.3329	0.2760	0.3705	Ave		0.3609				14.5		20.0			
1,2-Dichloropropane	++++ 0.3691	0.3779 0.3075	0.3462	0.3295	0.3519	Ave		0.3470			0.1000	7.4		20.0			
Dibromomethane	++++ 0.2072	0.2475 0.1704	0.1906	0.1737	0.1978	Ave		0.1979				14.2		20.0			
Methyl methacrylate	++++ 0.0721	0.0550 0.0605	0.0611	0.0470	0.0605	Ave		0.0594				13.9		20.0			
1,4-Dioxane	++++ 1.1894	1.9343 ++++	1.4546	1.2727	1.3335	Lin2	34.166	1.2063							0.9950		0.9900
n-Propyl acetate	++++ 0.4761	0.5408 0.3806	0.4246	0.3644	0.4500	Ave		0.4394				14.8		20.0			
Dichlorobromomethane	++++ 0.4560	0.4710 0.3811	0.4144	0.3966	0.4209	Ave		0.4233			0.2000	8.1		20.0			
2-Nitropropane	++++ 0.0729	0.0945 0.0623	0.0617	0.0527	0.0680	QuaF		0.0780	-0.000016						0.9990		0.9900
2-Chloroethyl vinyl ether	++++ 0.2175	0.2098 0.1810	0.1485	0.1460	0.1955	Ave		0.1830				16.6		20.0			
Epichlorohydrin	0.5455 0.2481	0.2379 0.2169	0.2314	0.1963	0.2236	QuaF		0.2618	-0.000004						0.9990		0.9900
cis-1,3-Dichloropropene	++++ 0.7463	0.7735 0.6178	0.6530	0.6400	0.6993	Ave		0.6883			0.2000	9.0		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.6934	2.8347 2.2523	2.5601	2.3305	2.5639	Ave		2.5392			0.0500	8.6		20.0			
Toluene	++++ 1.7720	2.0240 1.4350	1.6087	1.5807	1.6741	Ave		1.6824			0.4000	11.9		20.0			
trans-1,3-Dichloropropene	++++ 0.6518	0.6920 0.5293	0.5620	0.5331	0.6010	Ave		0.5948			0.1000	11.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1 Analy Batch No.: 534663
SDG No.: _____
Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	++++ 0.5485	0.4395 0.4659	0.4271	0.4116	0.4864	Ave		0.4632				10.7		20.0			
1,1,2-Trichloroethane	++++ 0.3421	0.3651 0.2816	0.2989	0.2758	0.3219	Ave		0.3142			0.1000	11.2		20.0			
Tetrachloroethene	++++ 0.4367	0.4978 0.3720	0.4171	0.3887	0.4092	Ave		0.4202			0.2000	10.5		20.0			
1,3-Dichloropropane	++++ 0.6343	0.7452 0.5238	0.5719	0.5396	0.5971	Ave		0.6020				13.4		20.0			
2-Hexanone	++++ 1.7134	1.3859 1.4836	1.3674	1.3340	1.5720	Ave		1.4760			0.0500	9.9		20.0			
Chlorodibromomethane	++++ 0.4380	0.4331 0.3693	0.3880	0.3637	0.4013	Ave		0.3989			0.1000	7.9		20.0			
n-Butyl acetate	++++ 0.0952	0.0958 0.0797	0.1007	0.0673	0.0810	Ave		0.0866				14.7		20.0			
Ethylene Dibromide	++++ 0.3733	0.4205 0.3133	0.3593	0.3125	0.3399	Ave		0.3531			0.1000	11.6		20.0			
Chlorobenzene	++++ 1.1294	1.2895 0.9292	1.0911	0.9626	1.0611	Ave		1.0772			0.5000	12.0		20.0			
Ethylbenzene	++++ 0.6008	0.5867 0.5079	0.5392	0.4998	0.5462	Ave		0.5468			0.1000	7.4		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.4317	0.4431 0.3631	0.4327	0.3856	0.3987	Ave		0.4092				7.7		20.0			
m-Xylene & p-Xylene	++++ 0.7381	0.7134 0.6329	0.6437	0.6349	0.6716	Ave		0.6724			0.1000	6.6		20.0			
o-Xylene	++++ 0.7605	0.7247 0.6371	0.6166	0.6546	0.7095	Ave		0.6838			0.3000	8.2		20.0			
n-Butyl acrylate	++++ 0.2954	0.1888 0.2676	0.1853	0.2068	0.2250	Ave		0.2282				19.5		20.0			
Styrene	++++ 1.2791	1.2430 1.0417	1.1062	1.0595	1.1968	Ave		1.1544			0.3000	8.6		20.0			
Bromoform	++++ 0.2938	0.2521 0.2527	0.2373	0.2333	0.2662	Ave		0.2559			0.1000	8.6		20.0			
Amyl acetate (mixed isomers)	++++ 1.5121	0.7362 1.3063	0.8089	0.9916	1.0432	Lin	-0.266	1.3324							0.9950		0.9900
Isopropylbenzene	++++ 1.7862	1.9354 1.4190	1.6621	1.5991	1.7224	Ave		1.6873			0.1000	10.4		20.0			
Bromobenzene	++++ 0.9576	1.0178 0.7986	0.8899	0.7787	0.8440	Ave		0.8811				10.6		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.6764	0.2794 0.6128	0.3609	0.4349	0.4503	QuaF		0.6766	-0.000125		0.3000				0.9980		0.9900

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.: 460-159568-1 Analy Batch No.: 534663
SDG No.: _____
Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Propylbenzene	++++ 3.9931	4.0692 2.9037	3.2898	3.3059	3.5397	Ave		3.5169				12.7		20.0			
1,2,3-Trichloropropane	++++ 0.2309	0.2458 0.1866	0.1996	0.1822	0.2109	Ave		0.2093				12.0		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.3494	0.3972 0.2351	0.2657	0.2764	0.3265	Ave		0.3084				19.5		20.0			
2-Chlorotoluene	++++ 2.9541	2.9805 2.2964	2.5189	2.4514	2.5832	Ave		2.6307				10.6		20.0			
4-Ethyltoluene	++++ 3.4639	3.8400 2.6249	2.8912	2.9149	3.1135	Ave		3.1414				14.0		20.0			
1,3,5-Trimethylbenzene	++++ 2.9312	2.7923 2.3222	2.3032	2.3828	2.5793	Ave		2.5518				10.3		20.0			
4-Chlorotoluene	++++ 2.8756	3.0314 2.2731	2.4842	2.4034	2.5732	Ave		2.6068				11.1		20.0			
Butyl Methacrylate	++++ 1.0415	0.5452 0.9541	0.4633	0.6172	0.6975	QuaF		1.0349	-0.000157						0.9980		0.9900
tert-Butylbenzene	++++ 1.5936	1.8985 ++++	1.2439	1.2774	1.3843	Ave		1.4795				18.3		20.0			
1,2,4-Trimethylbenzene	++++ 2.9216	3.0307 2.2393	2.4714	2.4476	2.5838	Ave		2.6157				11.6		20.0			
sec-Butylbenzene	++++ 3.1446	3.4693 2.3907	2.6046	2.4883	2.8406	Ave		2.8230				14.8		20.0			
1,3-Dichlorobenzene	++++ 1.7934	1.8292 1.3849	1.5565	1.4619	1.5958	Ave		1.6036			0.6000	11.1		20.0			
4-Isopropyltoluene	++++ 2.7402	2.7644 2.1401	2.0626	2.1730	2.4369	Ave		2.3862				13.0		20.0			
1,4-Dichlorobenzene	++++ 1.8428	2.1871 1.4492	1.6268	1.5258	1.6975	Ave		1.7215			0.5000	15.4		20.0			
1,2,3-Trimethylbenzene	++++ 3.1600	2.9043 2.4248	2.6725	2.6196	2.9236	Ave		2.7841				9.4		20.0			
Benzyl chloride	++++ 0.3736	0.4407 ++++	0.2983	0.2653	0.3363	Ave		0.3428				19.9		20.0			
Indan	++++ 3.3541	3.6884 2.4962	3.0169	2.8588	3.0823	Ave		3.0828				13.3		20.0			
p-Diethylbenzene	++++ 1.4134	1.5966 1.2100	1.3265	1.2043	1.3682	Ave		1.3532				10.8		20.0			
n-Butylbenzene	++++ 1.3971	1.6007 1.1415	1.2285	1.2079	1.2599	Ave		1.3059				12.8		20.0			
1,2-Dichlorobenzene	++++ 1.7436	1.7871 1.4426	1.6078	1.4890	1.6282	Ave		1.6164			0.4000	8.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1 Analy Batch No.: 534663

SDG No.: _____

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4,5-Tetramethylbenzene	++++ 2.7150	2.5638 2.0737	2.3263	2.1920	2.5137	Ave		2.3974				10.1		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1196	0.1951 0.1042	0.0706	0.0796	0.0774	QuaF		0.1218	-0.000035		0.0500				0.9970		0.9900
1,3,5-Trichlorobenzene	++++ 1.2620	1.3745 1.0067	1.1169	1.0353	1.1404	Ave		1.1560				12.1		20.0			
1,2,4-Trichlorobenzene	++++ 1.2504	1.3437 1.0205	1.1072	0.9744	1.1744	Ave		1.1451			0.2000	12.2		20.0			
Hexachlorobutadiene	++++ 0.3939	0.5804 0.3221	0.3378	0.3209	0.3561	QuaF		0.4289	-0.000213						0.9990		0.9900
Naphthalene	++++ 3.0708	3.4164 2.2509	2.4998	2.2842	2.8055	Ave		2.7213				17.0		20.0			
1,2,3-Trichlorobenzene	++++ 1.1648	1.3520 0.9187	0.9622	0.9132	1.0788	Ave		1.0649				16.1		20.0			
Dibromofluoromethane (Surr)	0.2554 0.2217	0.1850 0.1889	0.2225	0.2024	0.2151	Ave		0.2130				11.3		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2869 0.2508	0.2136 0.2214	0.2442	0.2224	0.2517	Ave		0.2416				10.4		20.0			
Toluene-d8 (Surr)	1.2739 1.1854	0.9688 1.0200	1.1196	1.0651	1.0931	Ave		1.1037				9.3		20.0			
4-Bromofluorobenzene	0.5303 0.4806	0.4135 0.4270	0.4563	0.4385	0.4646	Ave		0.4587				8.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1 Analy Batch No.: 534663

SDG No.: _____

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-534663/3	B31998.D
Level 2	STD1 460-534663/16	b32011.D
Level 3	STD5 460-534663/5	B32000.D
Level 4	STD20 460-534663/6	B32001.D
Level 5	STD50 460-534663/7	B32002.D
Level 6	STD200 460-534663/8	B32003.D
Level 7	STD500 460-534663/9	B32004.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	++++ 219831	729 589973	4192	13895	40480	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 1187966	5376 3294262	22640	97486	257361	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 1549944	8941 3844436	32748	134895	327115	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	++++ 1135101	6067 2893547	23871	98286	251954	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 1365172	7128 3456013	29408	116860	298309	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 833520	4561 ++++	18054	74731	187283	++++ 200	1.00 ++++	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 669665	4005 ++++	14528	59712	145362	++++ 200	1.00 ++++	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1733037	10431 4069512	38157	151640	378126	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 1191638	6137 3040226	26362	100352	259478	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	++++ 218818	1132 568295	4375	16926	43615	++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	++++ 189593	1313 440324	3637	14835	38825	++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	++++ 729240	3914 1820995	13303	54813	145432	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	++++ 763278	4066 2000491	14186	62970	160122	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 684910	3552 1860799	13472	55459	137929	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Lin2	++++ 135316	3618 272890	9291	19868	52533	++++ 200	4.00 400	20.0	40.0	100

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1 Analy Batch No.: 534663

SDG No.: _____

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 756225	4027 2052247	13545	55945	144696	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	++++ 805079	3891 2145614	13252	56899	145834	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 1129504	8003 2759890	21819	78649	228634	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 1601733	7214 4177690	27455	112411	291144	++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	++++ 3205166	17552 ++++	54952	230060	573877	++++ 200	1.00 ++++	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 558356	2941 1333509	11031	39535	110660	++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	++++ 607255	2841 1491581	9880	44787	106362	++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	++++ 1950512	9962 5172125	37997	155469	393616	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 1220688	7013 ++++	22931	88938	256060	++++ 400	2.00 ++++	10.0	40.0	100
Acetonitrile	FB	QuaF	++++ 1252863	8097 2729319	23918	84395	240641	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 985475	4860 2533143	18449	73958	186371	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Ave	++++ 883276	5541 ++++	15525	61938	170993	++++ 2000	10.0 ++++	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 2417044	12127 5956104	42671	171290	468477	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	QuaF	++++ 862377	5034 2217887	14916	62146	156124	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	QuaF	6017 3010403	17610 7212313	53744	198588	595621	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	QuaF	++++ 645376	3812 1675025	11156	48356	124132	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 3298624	16706 7967241	65229	264334	671841	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 1653730	8653 4117962	32445	129749	331014	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	TBAd 9	Ave	++++ 301493	1695 761360	4680	19434	49893	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 740092	3612 1948193	13419	55647	139245	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 2853881	14344 7087800	53375	212494	549837	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1 Analy Batch No.: 534663

SDG No.: _____

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,2-Dichloropropane	FB	Lin2	+++++ 808195	8182 2034880	20923	70029	173162	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 955598	4657 2482777	18058	68409	176031	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 395586	1615 1028638	6419	26752	74226	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 163281	822 416447	2731	10788	29499	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 106628	276 274462	1927	6396	18664	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	+++++ 1091340	6026 2694386	18781	69599	207625	+++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	QuaF	+++++ 446224	2637 1152848	8435	32618	87208	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 175289	911 442353	2935	10178	34095	+++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	+++++ 3043771	15920 7362238	50456	198648	575305	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1429904	6973 3685413	28778	113678	282993	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1054760	5272 2903754	17484	75382	186749	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1146612	5623 2993311	22332	93297	226511	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 944627	4813 2485252	18985	73067	187545	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 1095972	5749 2885150	20149	81000	209410	+++++ 200	1.00 500	5.00	20.0	50.0
2,2,4-Trimethylpentane	FB	Ave	+++++ 1672097	8960 4689170	26812	121332	317219	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	+++++ 229398	1363 +++++	3531	15165	41106	+++++ 5000	25.0 +++++	125	500	1250
Benzene	CBNZ d5	Ave	+++++ 3349411	15133 8506890	58647	247128	627315	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 2695391	13351 7038602	49631	199301	520066	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Lin2	+++++ 1057977	6718 2675866	23095	84861	214425	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 429133	2163 1095098	7908	30021	81095	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	QuaF	+++++ 372602	2330 994774	6085	24592	64484	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1 Analy Batch No.: 534663

SDG No.: _____

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	++++ 799414	3397 2146687	14913	59537	149532	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 349832	1615 920014	4698	19776	63974	++++ 5000	25.0 12500	125	500	1250
Methylcyclohexane	FB	Ave	++++ 1060783	5100 2926656	16800	69617	191327	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++ 1061716	4291 2781403	15769	59185	185970	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 914938	4112 2353200	16400	70657	176611	++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	++++ 513613	2693 1304045	9030	37247	99296	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 357262	1197 926102	5789	20145	60729	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Lin2	++++ 150867	2191 ++++	2703	9632	26904	++++ 4000	50.0 ++++	100	400	1000
n-Propyl acetate	FB	Ave	++++ 1180209	5884 2913031	20113	78129	225861	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	++++ 1130337	5124 2916261	19632	85037	211243	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	QuaF	++++ 361531	2056 952992	5850	22596	68288	++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	++++ 539193	2283 1384908	7033	31299	98119	++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	QuaF	2695 1469611	7007 3684062	25429	90286	276347	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 1367653	5741 3536418	21703	95087	252172	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 3987851	20876 9563053	70320	268003	792271	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 3247263	15023 8214660	53468	234862	603664	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 1194405	5136 3029831	18678	79208	216713	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 1005185	3262 2666951	14195	61160	175382	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 626972	2710 1611922	9934	40983	116086	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 800356	3695 2129382	13862	57749	147534	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 1162339	5531 2998267	19006	80180	215309	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1 Analy Batch No.: 534663

SDG No.: _____

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Hexanone	BUT	Ave	++++ 2536905	10206 6299205	37559	153402	485748	++++ 1000	5.00 2500	25.0	100	250
Chlorodibromomethane	CBNZ d5	Ave	++++ 802624	3215 2114005	12895	54035	144697	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Ave	++++ 174395	711 456395	3346	9996	29223	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 684072	3121 1793608	11941	46430	122569	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 2069709	9571 5319539	36262	143032	382624	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 1100912	4355 2907530	17922	74269	196939	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 791089	3289 2078843	14382	57298	143759	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 1352550	5295 3622820	21393	94339	242161	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 1393649	5379 3647345	20494	97270	255830	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 541367	1401 1532063	6159	30732	81117	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 2343994	9226 5963390	36765	157428	431534	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	++++ 538332	1871 1446743	7887	34658	96001	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Lin	++++ 1494705	3199 4152156	15888	85594	222919	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 3273194	14365 8123069	55241	237598	621075	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	++++ 946646	4423 2538463	17480	67215	180363	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	QuaF	++++ 668643	1214 1947827	7089	37541	96234	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	++++ 3947242	17683 9229533	64618	285362	756429	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 228215	1068 593231	3921	15730	45069	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 345422	1726 747406	5219	23860	69779	++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	++++ 2920125	12952 7299097	49477	211605	552014	++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	++++ 3424099	16687 8343359	56789	251610	665336	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1 Analy Batch No.: 534663

SDG No.: _____

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 2897531	12134 7381175	45240	205681	551184	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	++++ 2842520	13173 7225161	48794	207460	549875	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	QuaF	++++ 1029539	2369 3032531	9100	53272	149052	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 1575297	8250 ++++	24433	110261	295813	++++ 200	1.00 ++++	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 2888000	13170 7117784	48543	211275	552150	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 3108458	15076 7598800	51159	214783	607030	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1772768	7949 4401964	30573	126192	341010	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 2708683	12013 6802388	40513	187573	520763	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1821667	9504 4606355	31954	131706	362761	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 3123693	12621 7707424	52493	226121	624765	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 369297	1915 ++++	5860	22902	71870	++++ 200	1.00 ++++	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 3315604	16028 7934107	59257	246771	658682	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 1397147	6938 3846025	26055	103950	292378	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 1381065	6956 3628425	24130	104261	269230	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1723581	7766 4585372	31580	128527	347937	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 2683836	11141 6591241	45694	189207	537175	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	QuaF	++++ 118188	848 331301	1386	6873	16546	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 1247484	5973 3199786	21938	89362	243708	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 1236065	5839 3243694	21748	84109	250972	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	QuaF	++++ 389399	2522 1023849	6636	27697	76104	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 3035532	14846 7154589	49101	197169	599531	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-159568-1 Analy Batch No.: 534663

SDG No.: _____

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2018 14:08 Calibration End Date: 07/09/2018 21:16 Calibration ID: 70119

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 1151441	5875 2920144	18899	78827	230541	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	107658 137378	100619 144533	105410	108466	107965	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	120955 155402	116220 169457	115700	119200	126342	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	368804 543075	359529 583902	372107	395633	394150	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	153527 220166	153467 244445	151657	162902	167544	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

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

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 09-Jul-2018 14:08:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0075127-003
 Operator ID: Instrument ID: CVOAMS2
 Sublist: chrom-8260W_2*sub60
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 16:32:10 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 14:58:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Butadiene	54	1.321	1.310	0.011	90	3536	0.2500	0.8804	
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	216817	1000.0	1000.0	
31 Acrylonitrile	53	2.864	2.864	0.000	87	6017	2.00	5.24	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	247000	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.213	4.213	0.000	96	107658	50.0	60.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	60	120955	50.0	59.4	
* 63 Fluorobenzene	96	4.887	4.887	0.000	97	421594	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	96	16375	1000.0	1000.0	
78 Epichlorohydrin	57	6.499	6.499	0.000	92	2695	5.00	10.4	
\$ 81 Toluene-d8 (Surr)	98	6.796	6.796	0.000	98	368804	50.0	57.7	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	89	289504	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	94	153527	50.0	57.8	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	97	167582	50.0	50.0	

Reagents:

MIX I Hi_00095	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00072	Amount Added: 0.00	Units: uL	
Ethanol mix_00017	Amount Added: 0.00	Units: uL	
GAS Hi_00262	Amount Added: 0.00	Units: uL	
ACROLEIN W_00078	Amount Added: 0.00	Units: uL	
14DIOXINTER_00086	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00051	Amount Added: 20.00	Units: uL	
GASES Li_00267	Amount Added: 2.50	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

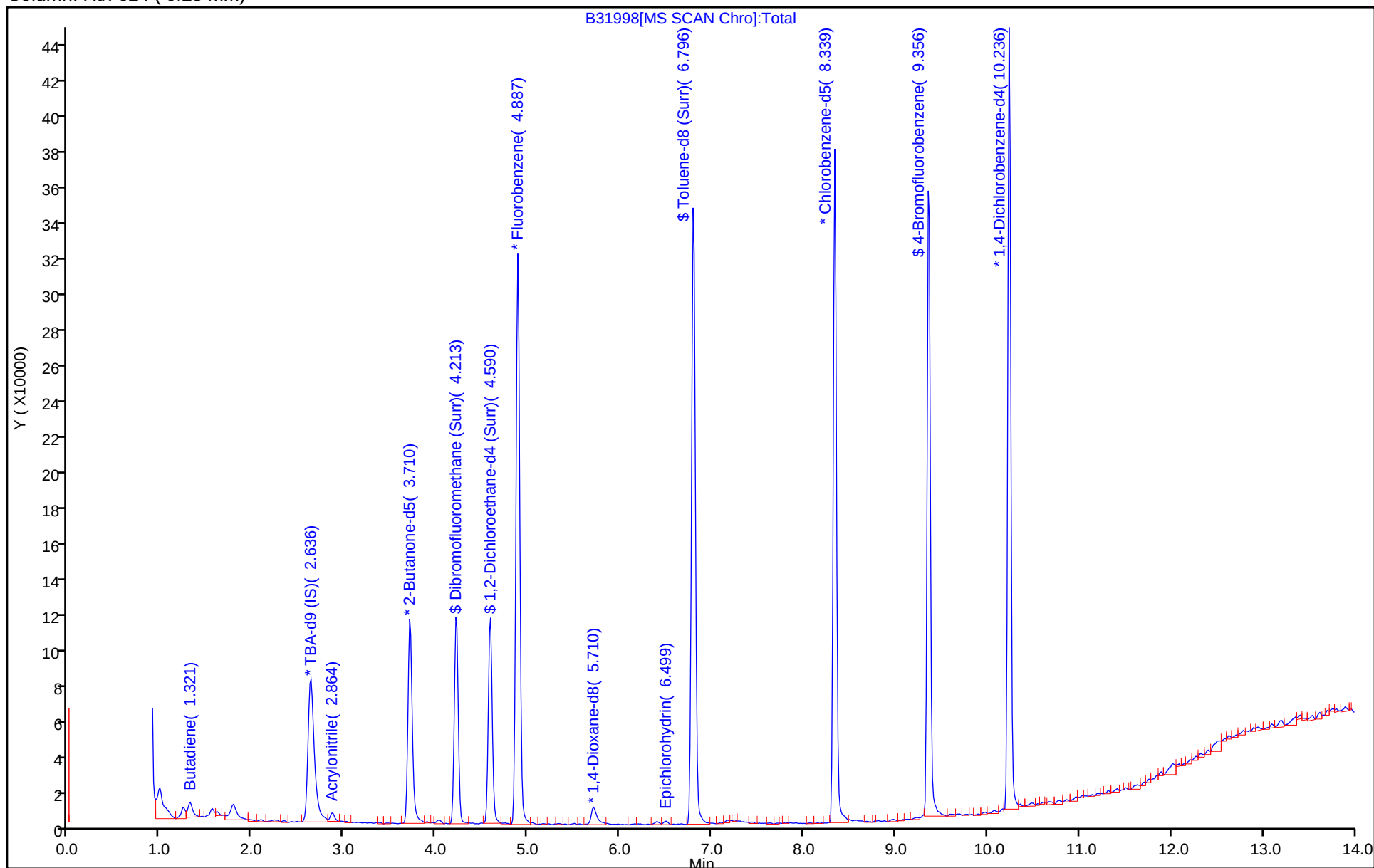
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

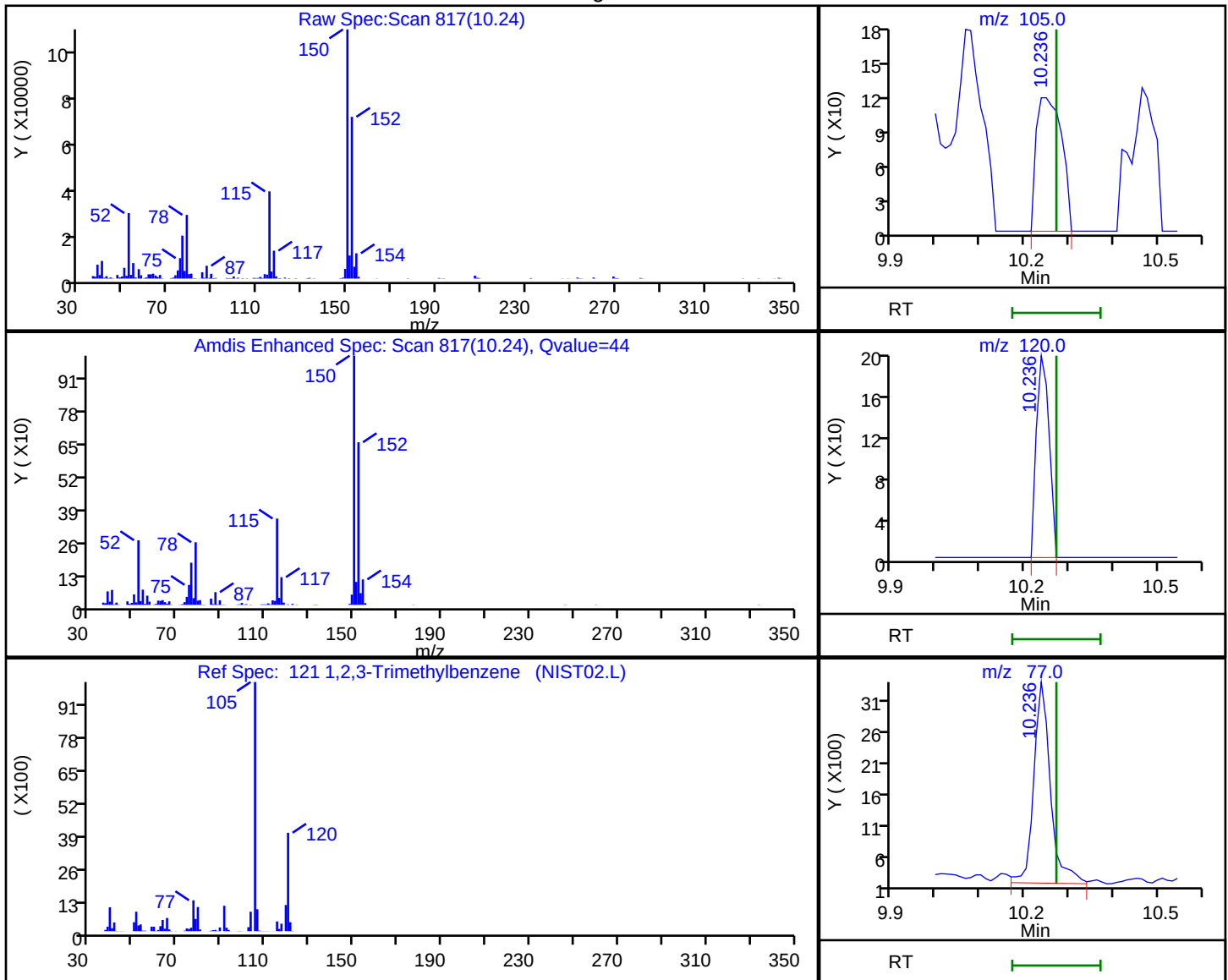
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

121 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.24	105.00	475	0.040042
10.24	120.00	385	
10.24	77.00	8363	

Reviewer: delpolotov, 10-Jul-2018 14:58:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

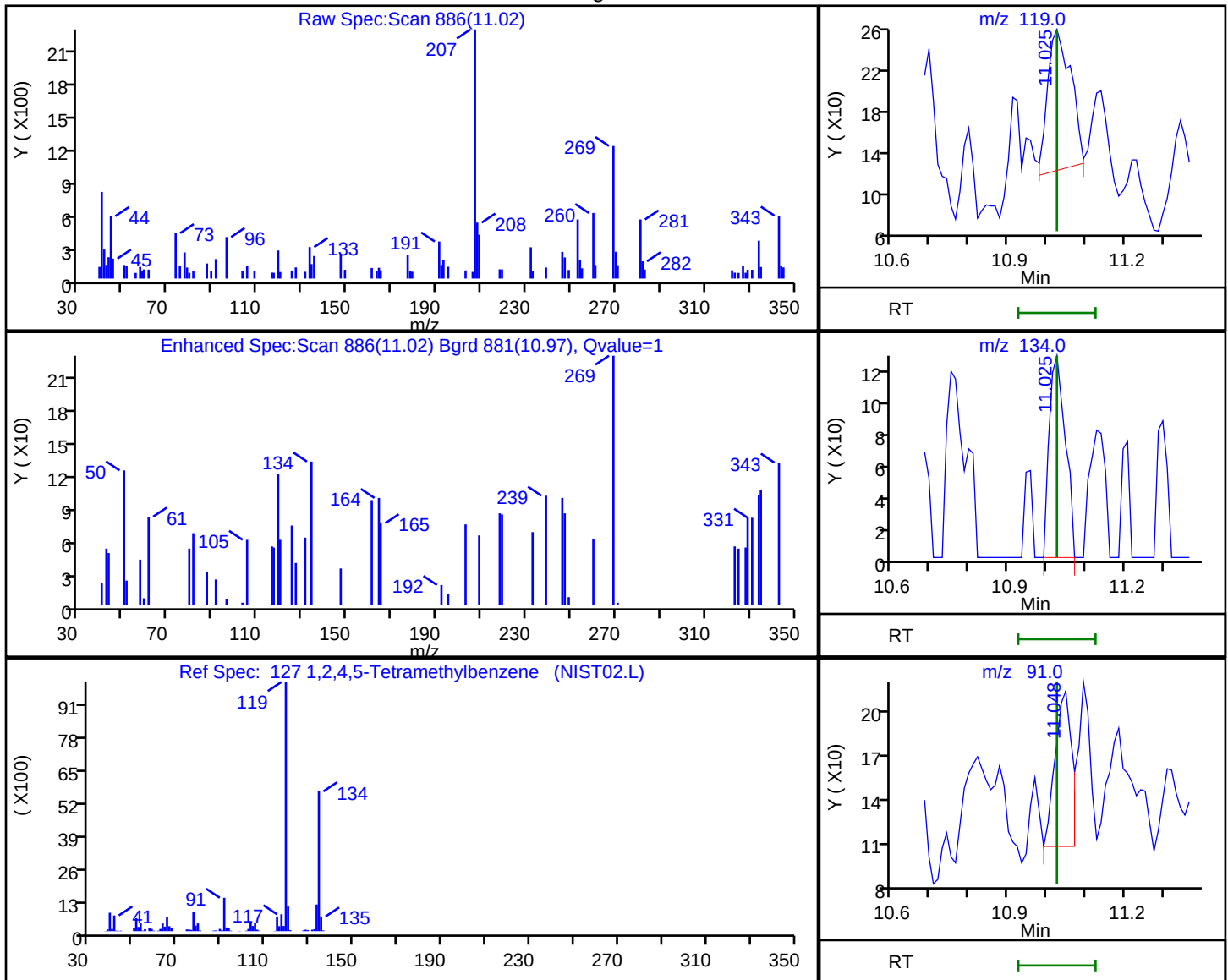
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

127 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.02	119.00	538	0.066955
11.02	134.00	376	
11.05	91.00	313	

Reviewer: delpolitov, 10-Jul-2018 14:58:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

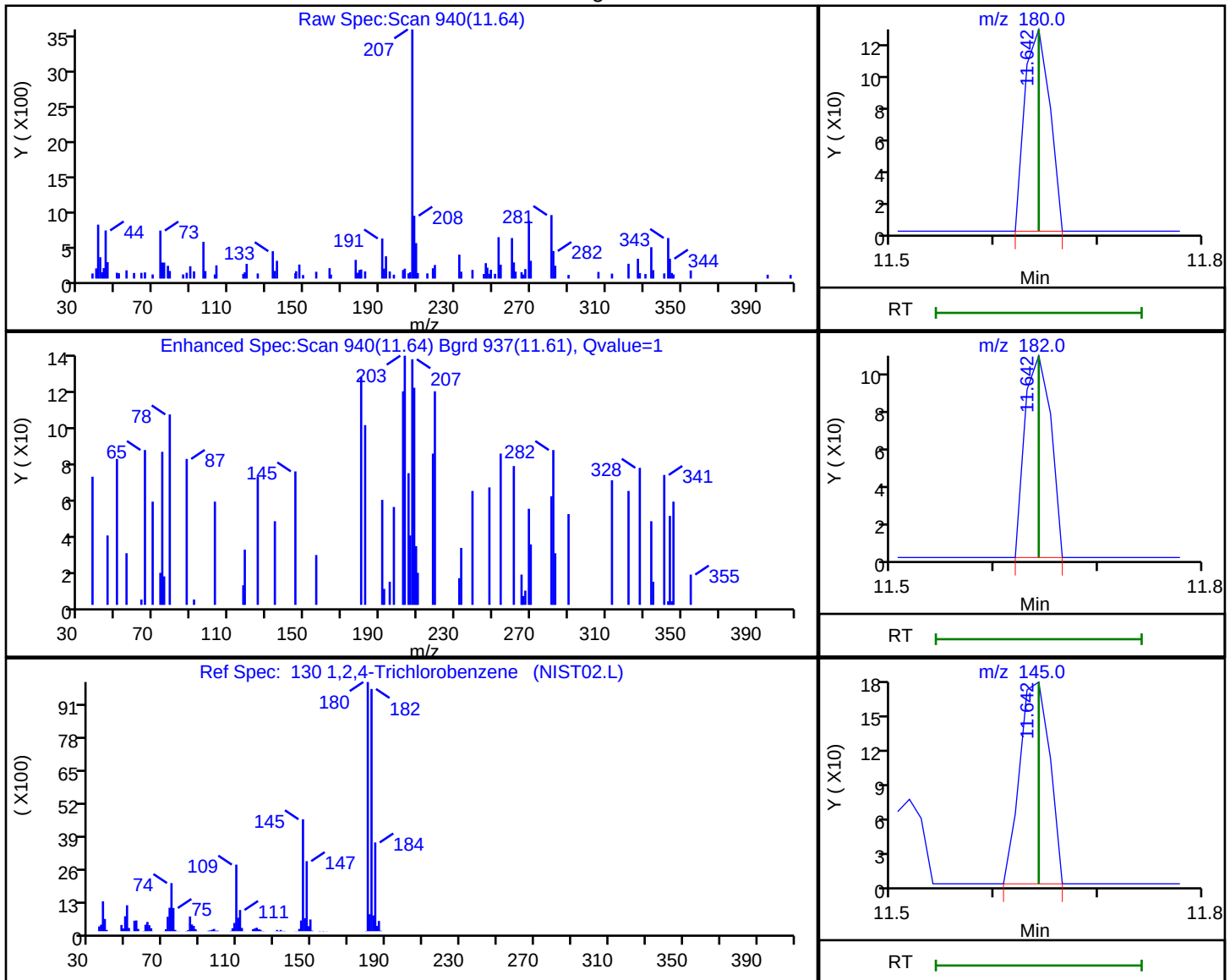
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

130 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
11.64	180.00	214	0.055758
11.64	182.00	176	
11.64	145.00	359	

Reviewer: delpolitov, 10-Jul-2018 14:58:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

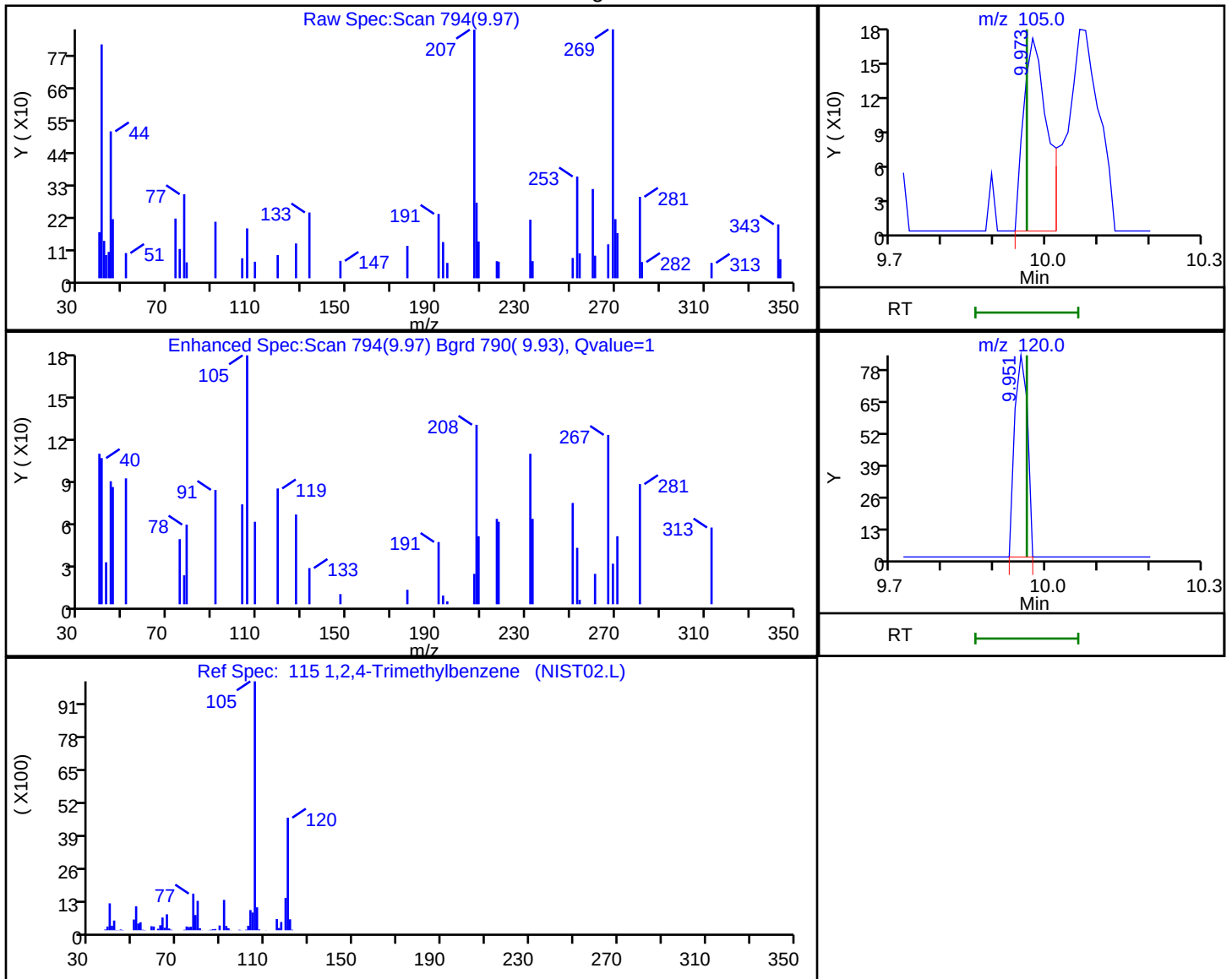
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

115 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
9.97	105.00	550	0.062735
9.95	120.00	145	

Reviewer: delpolitov, 10-Jul-2018 14:58:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

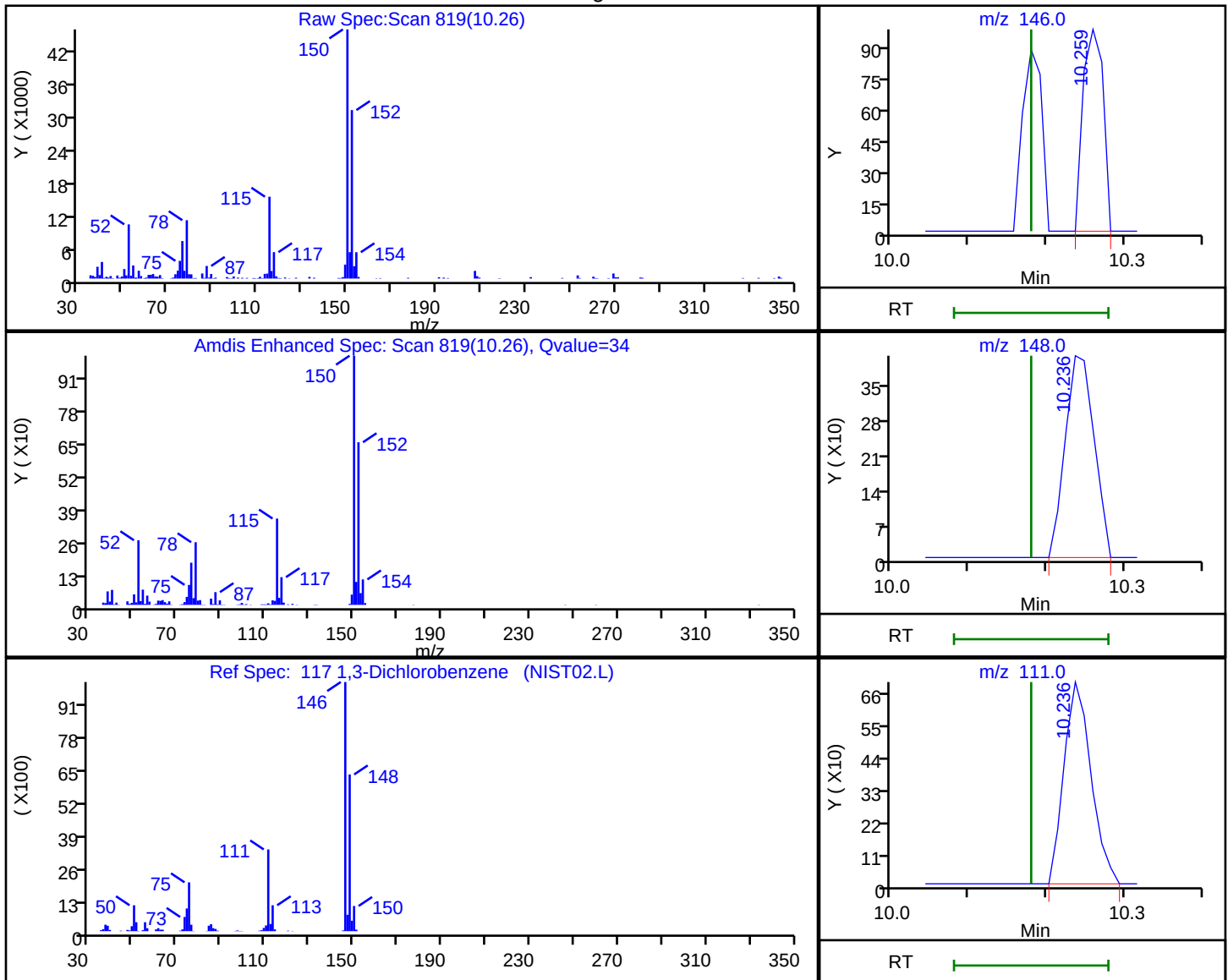
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

117 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.26	146.00	179	0.033304
10.24	148.00	1061	
10.24	111.00	1685	

Reviewer: delpolitov, 10-Jul-2018 14:58:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

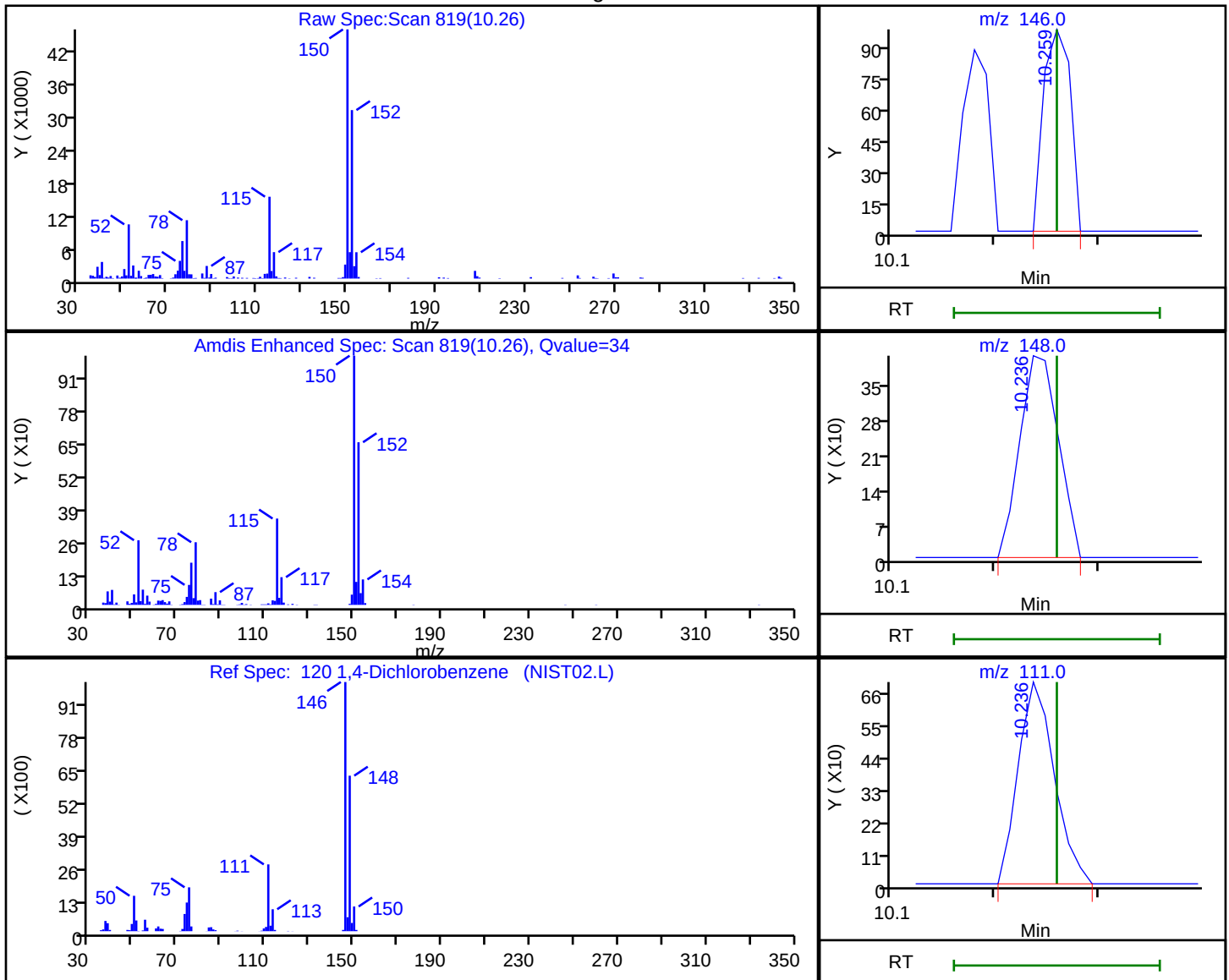
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
10.26	146.00	179	0.031022
10.24	148.00	1061	
10.24	111.00	1685	

Reviewer: delpolitov, 10-Jul-2018 14:58:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

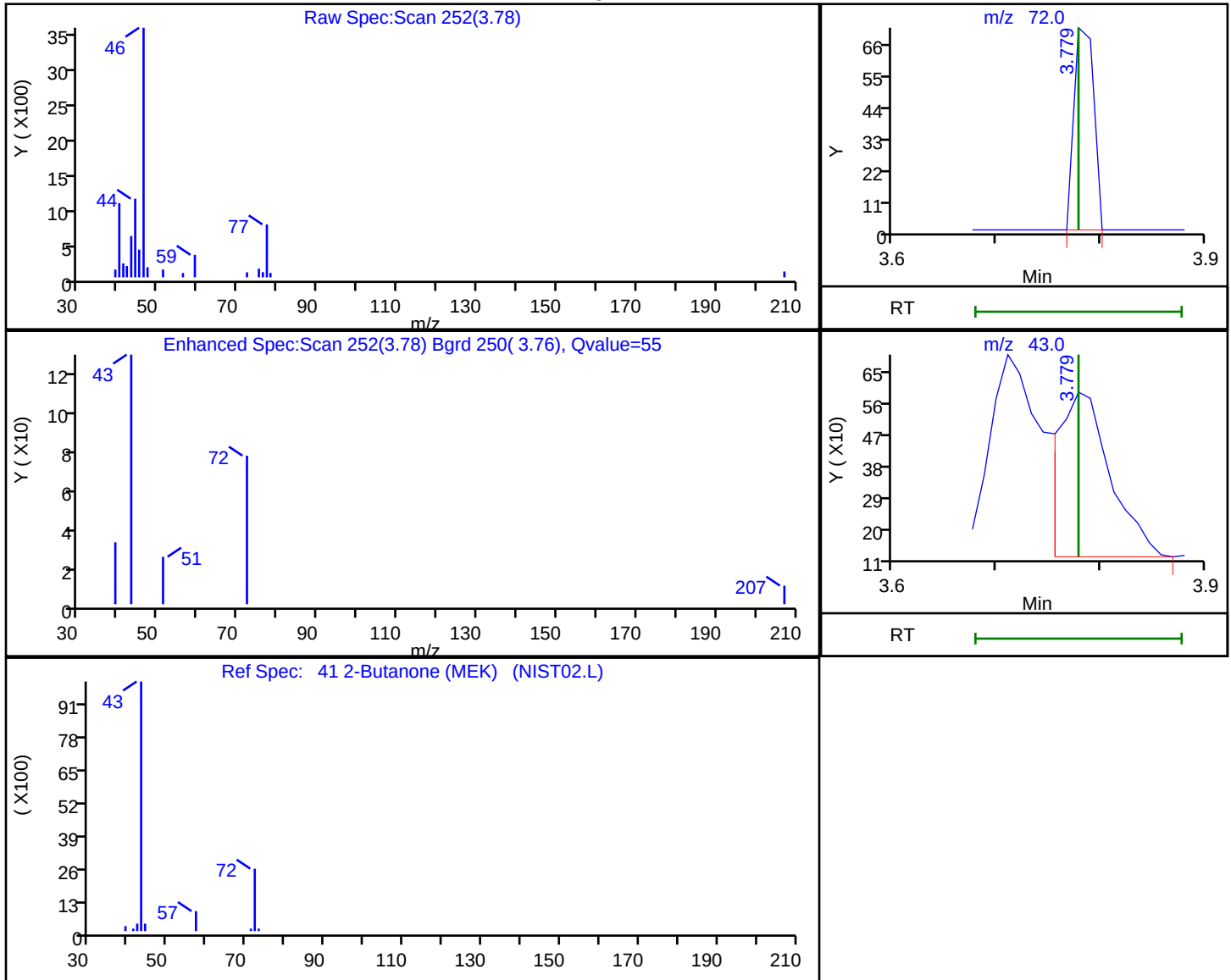
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.78	72.00	96	0.406192
3.78	43.00	1703	

Reviewer: delpolitov, 10-Jul-2018 14:58:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

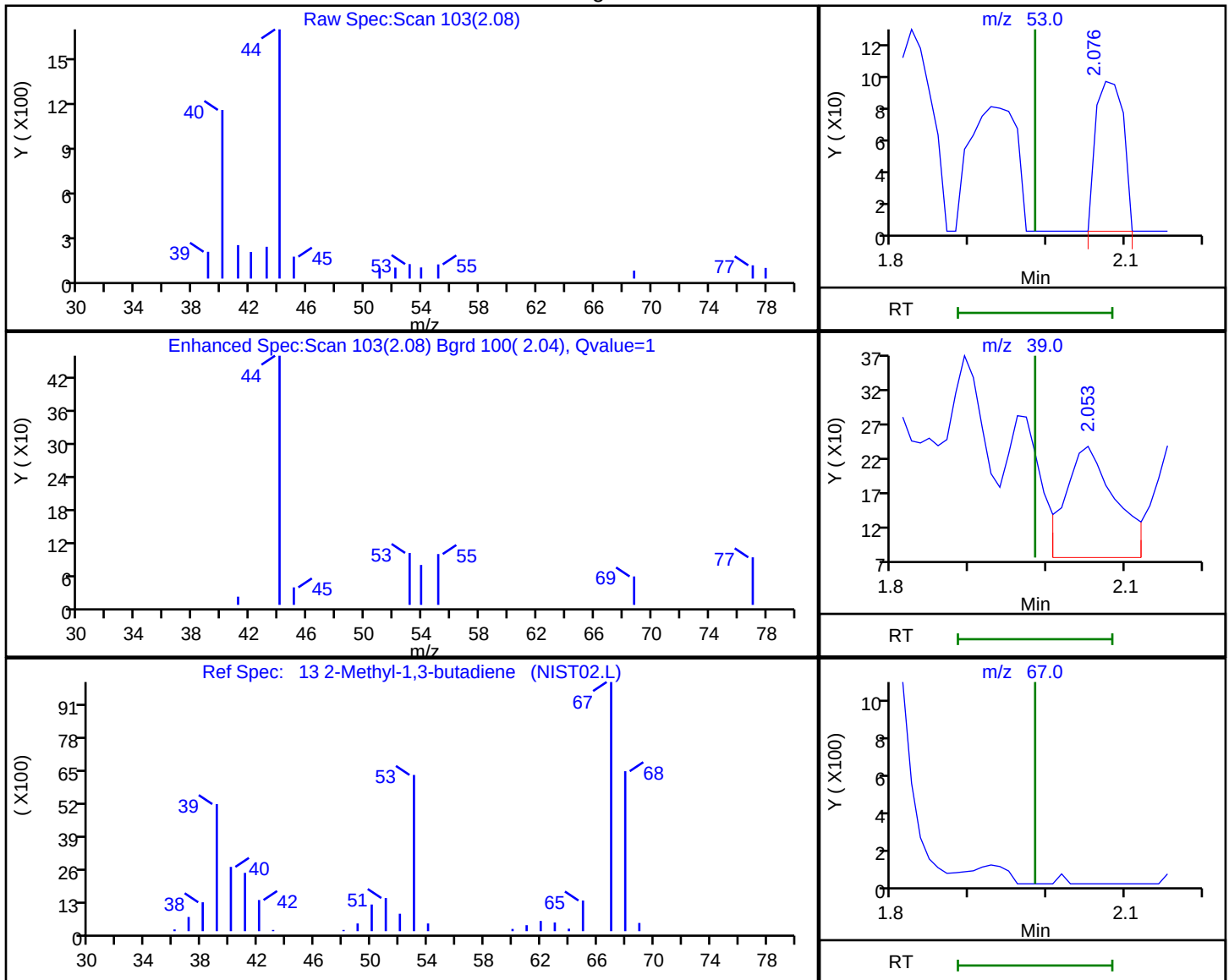
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

13 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.08	53.00	235	0.082894
2.05	39.00	741	
1.98	67.00	0	

Reviewer: delpolitov, 10-Jul-2018 14:58:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

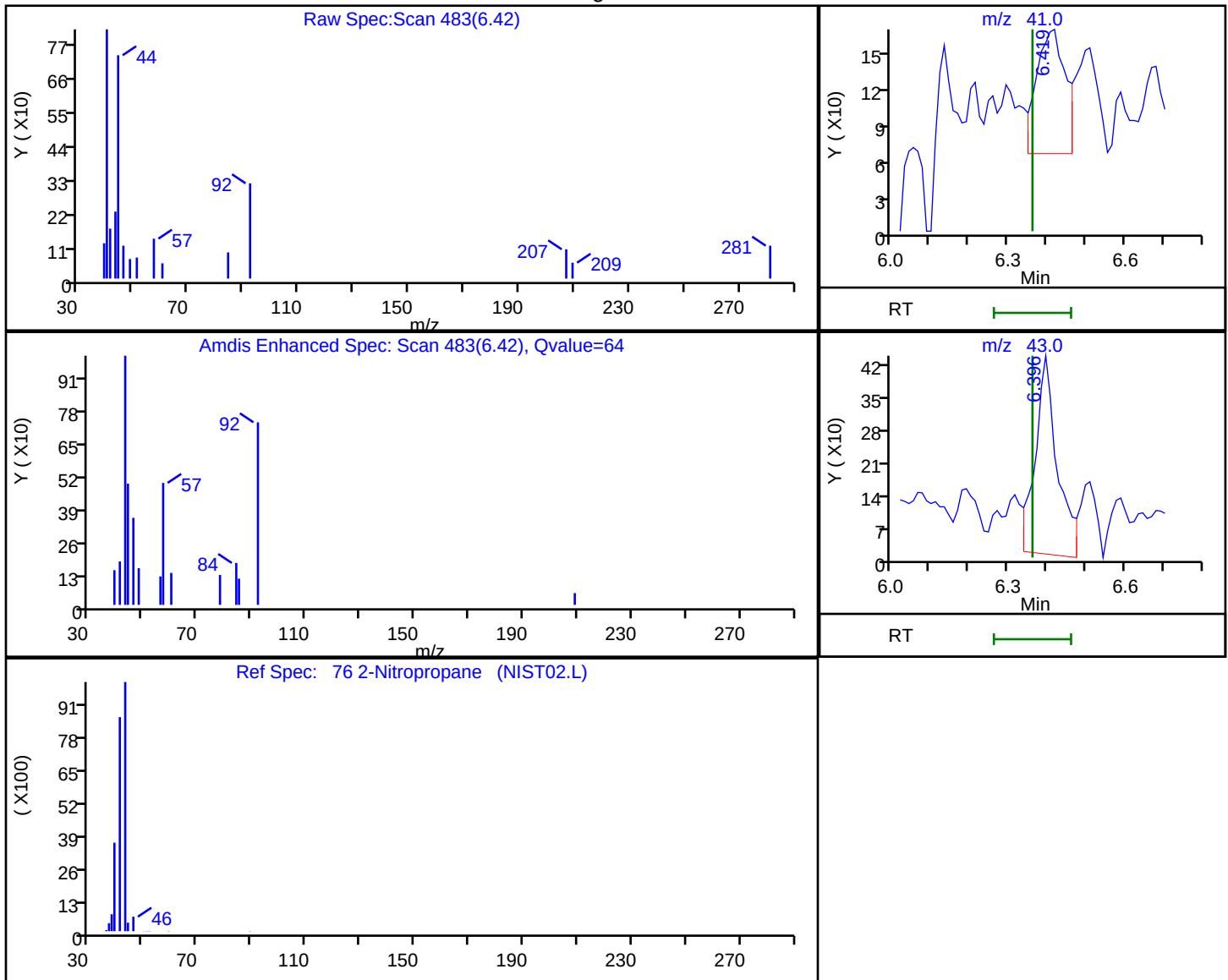
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

76 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.42	41.00	536	0.815237
6.40	43.00	1716	

Reviewer: delpolitov, 10-Jul-2018 14:58:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

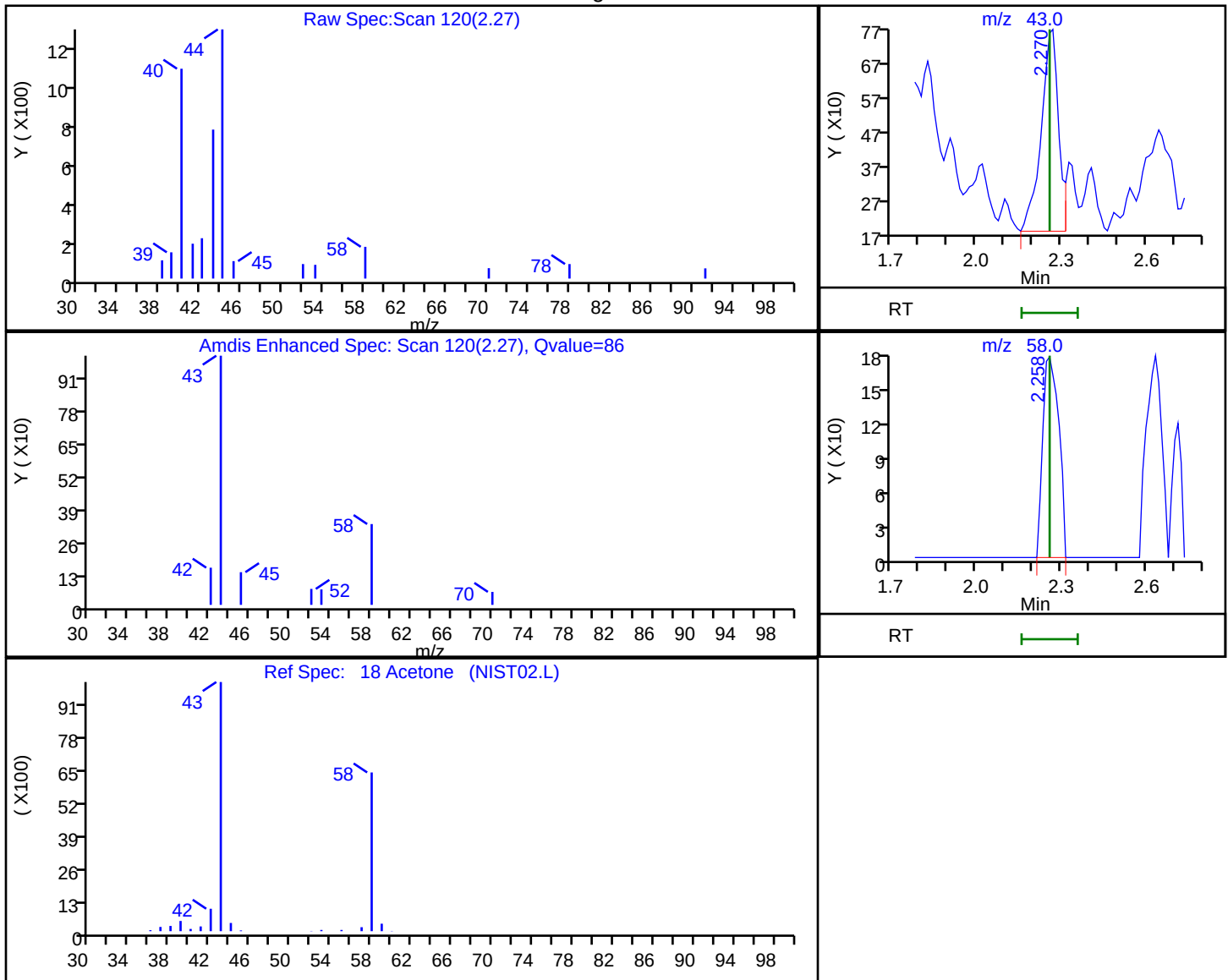
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.27	43.00	2513	3.088191
2.26	58.00	702	

Reviewer: delpolitov, 10-Jul-2018 14:58:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

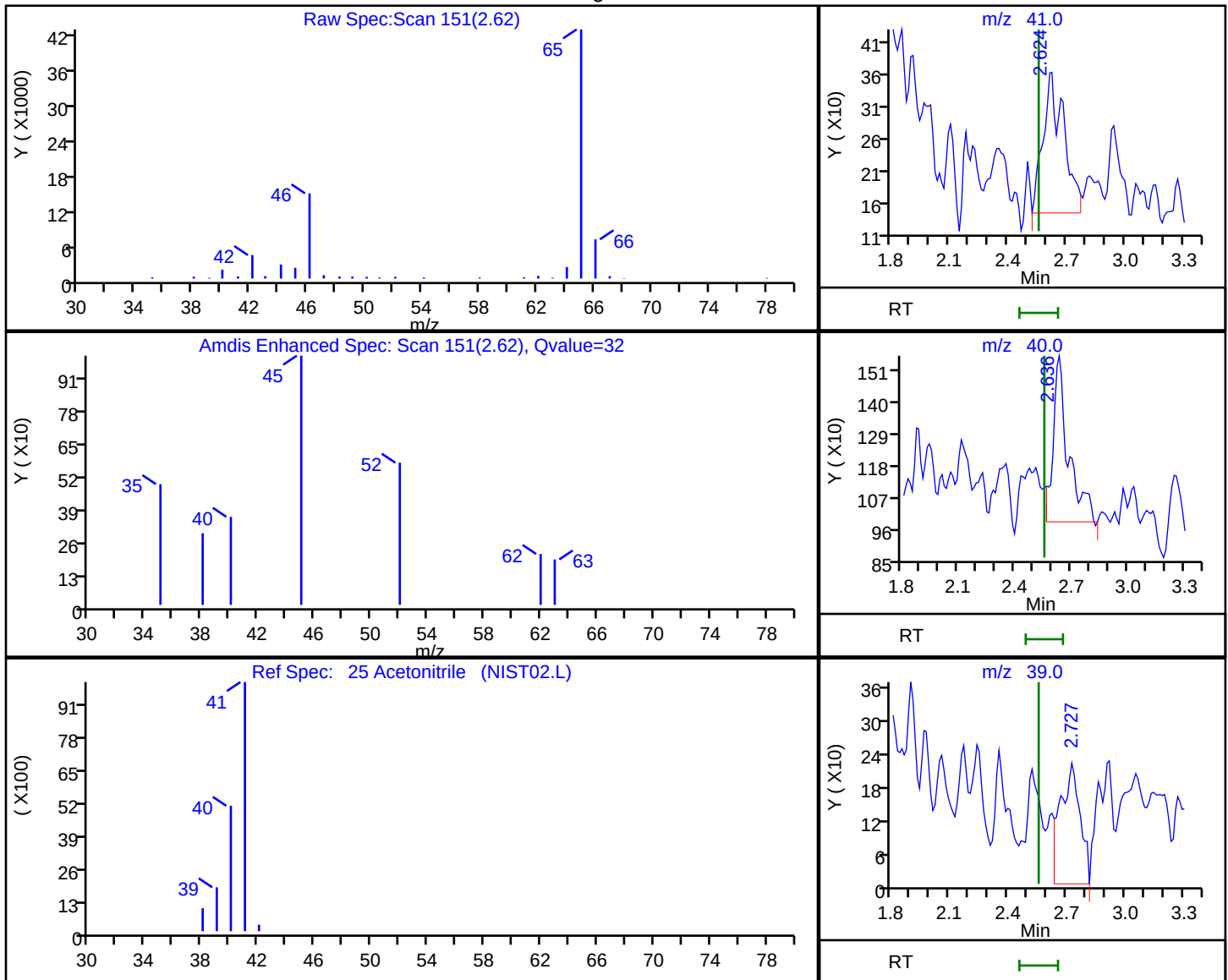
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

25 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.62	41.00	1622	4.832014
2.64	40.00	3271	
2.73	39.00	1560	
2.64	38.00	1618	

Reviewer: delpolitov, 10-Jul-2018 14:58:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

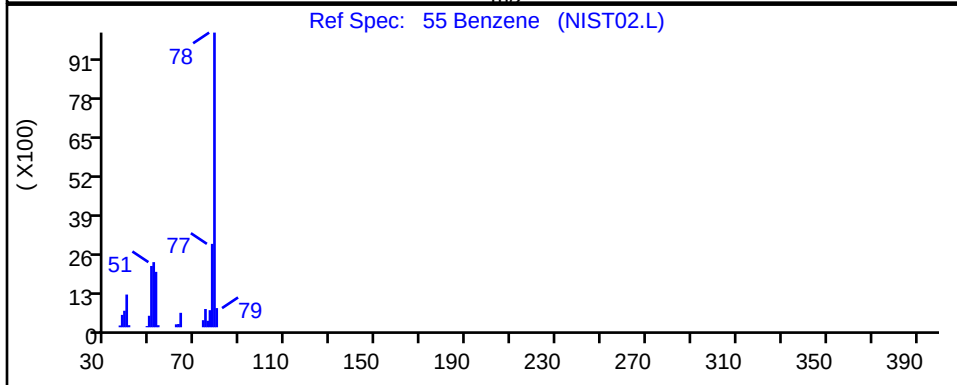
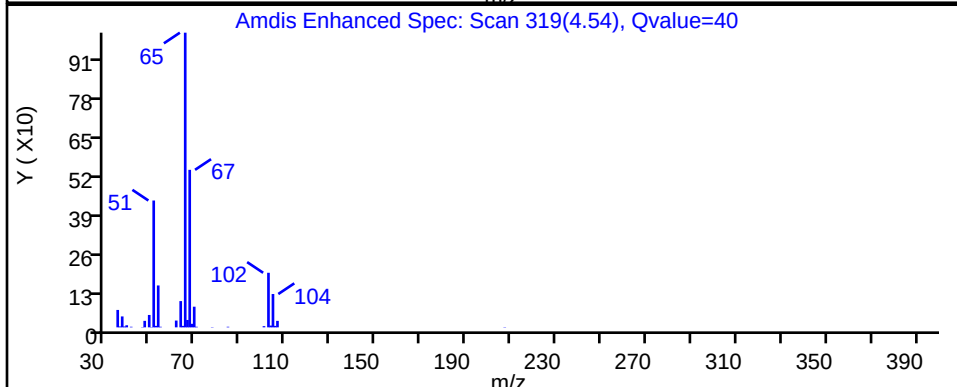
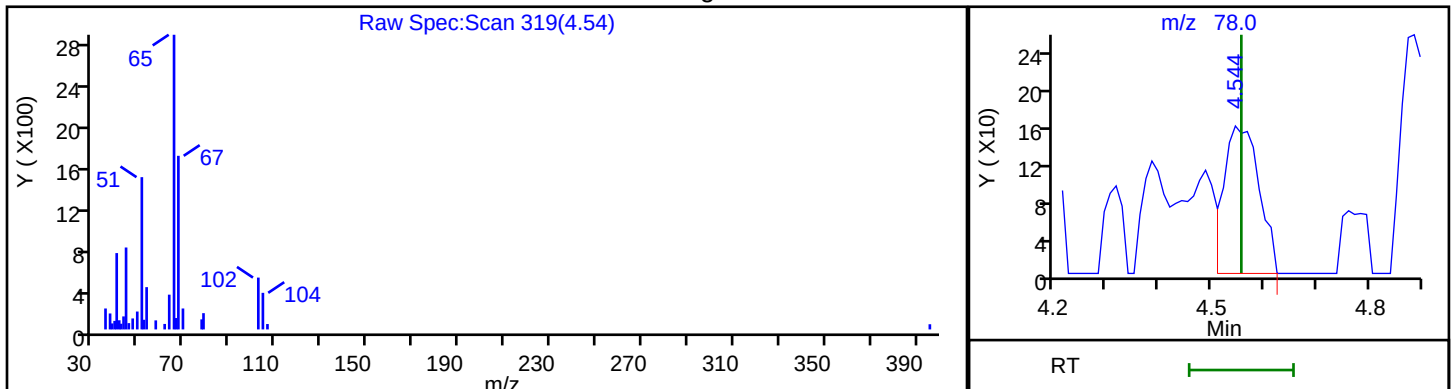
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

55 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.54	78.00	759	0.074763

Reviewer: delpolitov, 10-Jul-2018 14:58:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

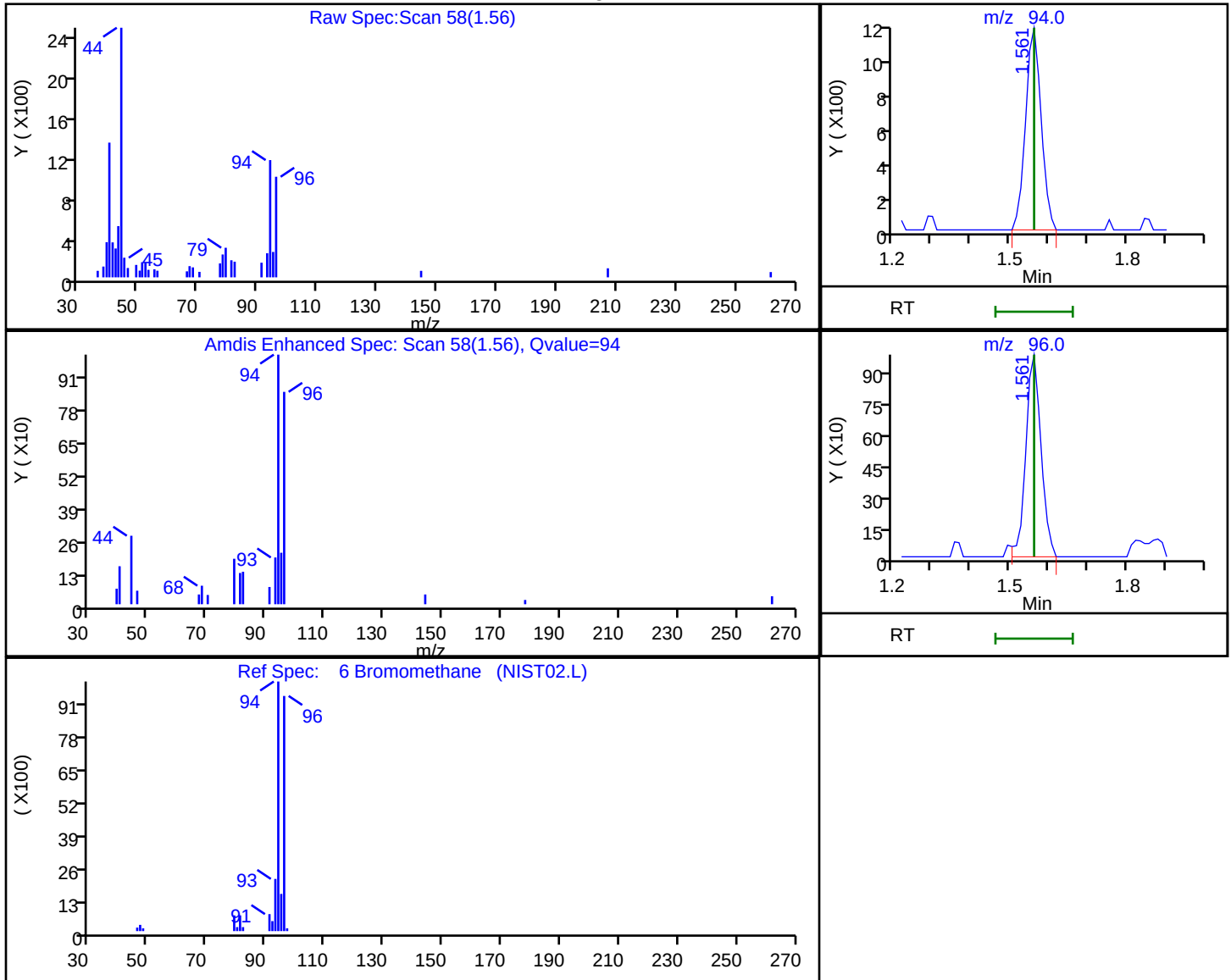
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

6 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.56	94.00	3226	0.954478
1.56	96.00	2711	

Reviewer: delpolitov, 10-Jul-2018 14:57:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

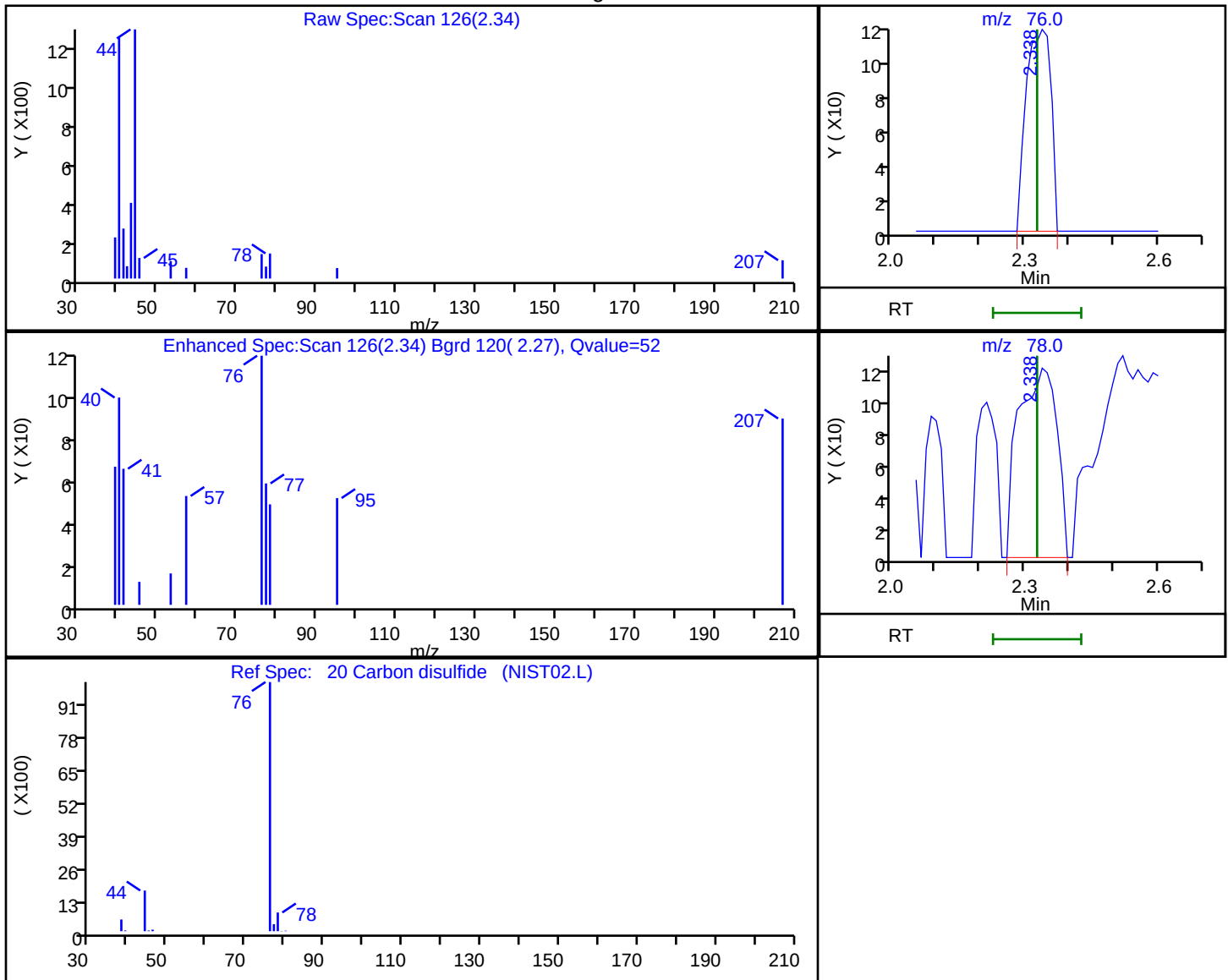
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

20 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.34	76.00	462	0.044632
2.34	78.00	731	

Reviewer: delpolitov, 10-Jul-2018 14:58:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

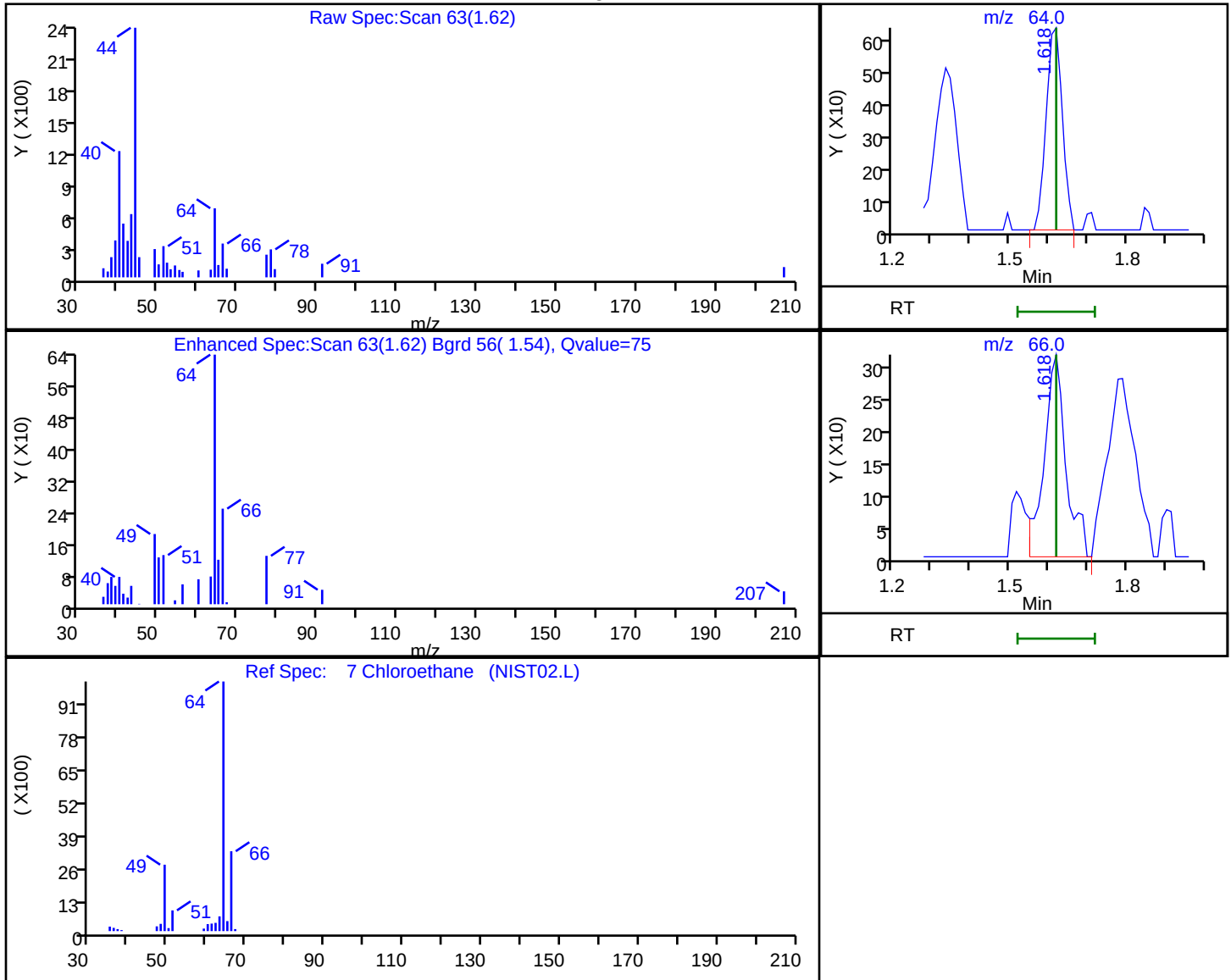
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.62	64.00	1862	0.690721
1.62	66.00	1228	

Reviewer: delpolitov, 10-Jul-2018 14:57:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

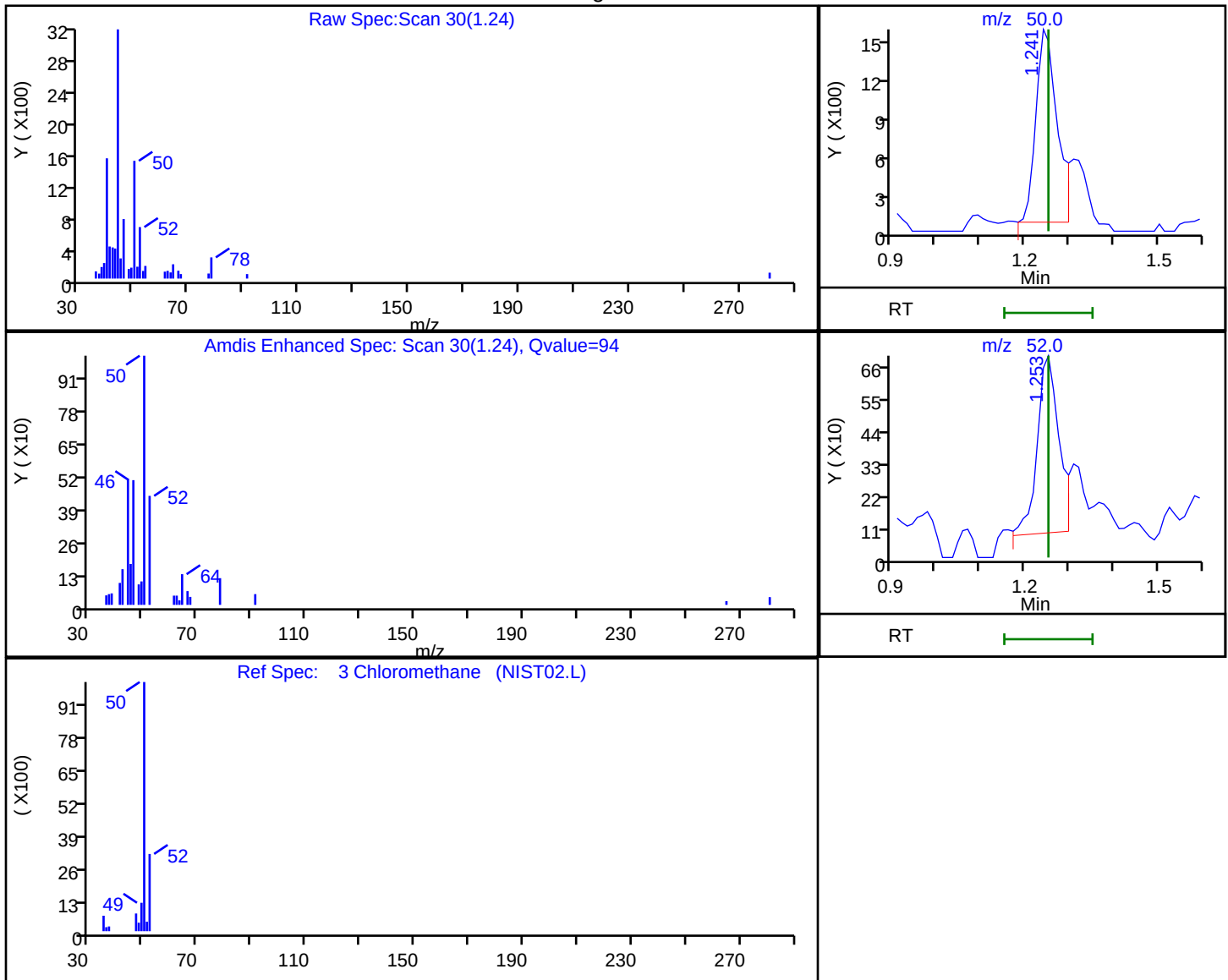
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

3 Chloromethane, CAS: 74-87-3

Processing Results



Reviewer: delpolitov, 10-Jul-2018 14:57:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

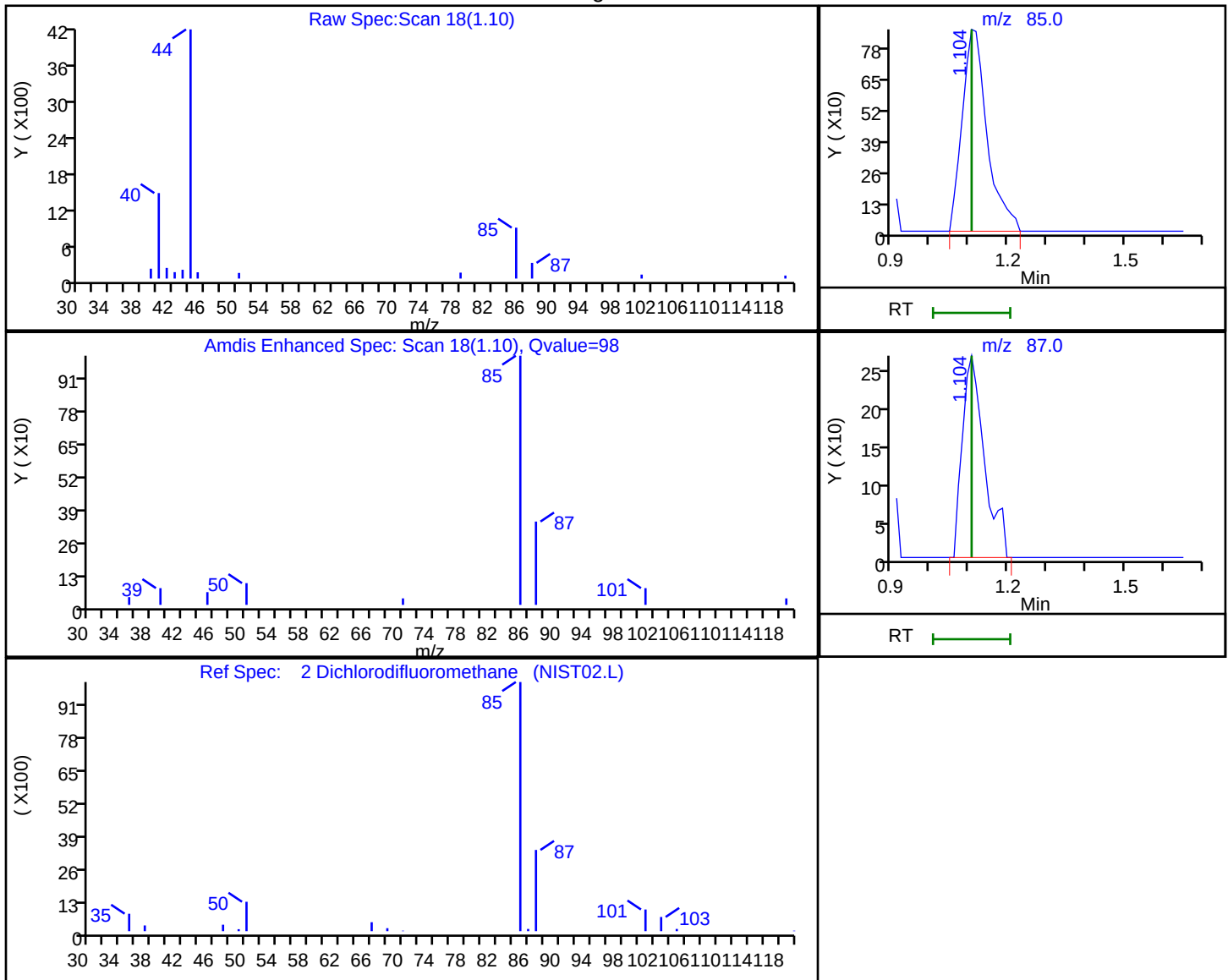
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.10	85.00	3810	0.883301
1.10	87.00	1038	

Reviewer: delpolitov, 10-Jul-2018 14:57:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

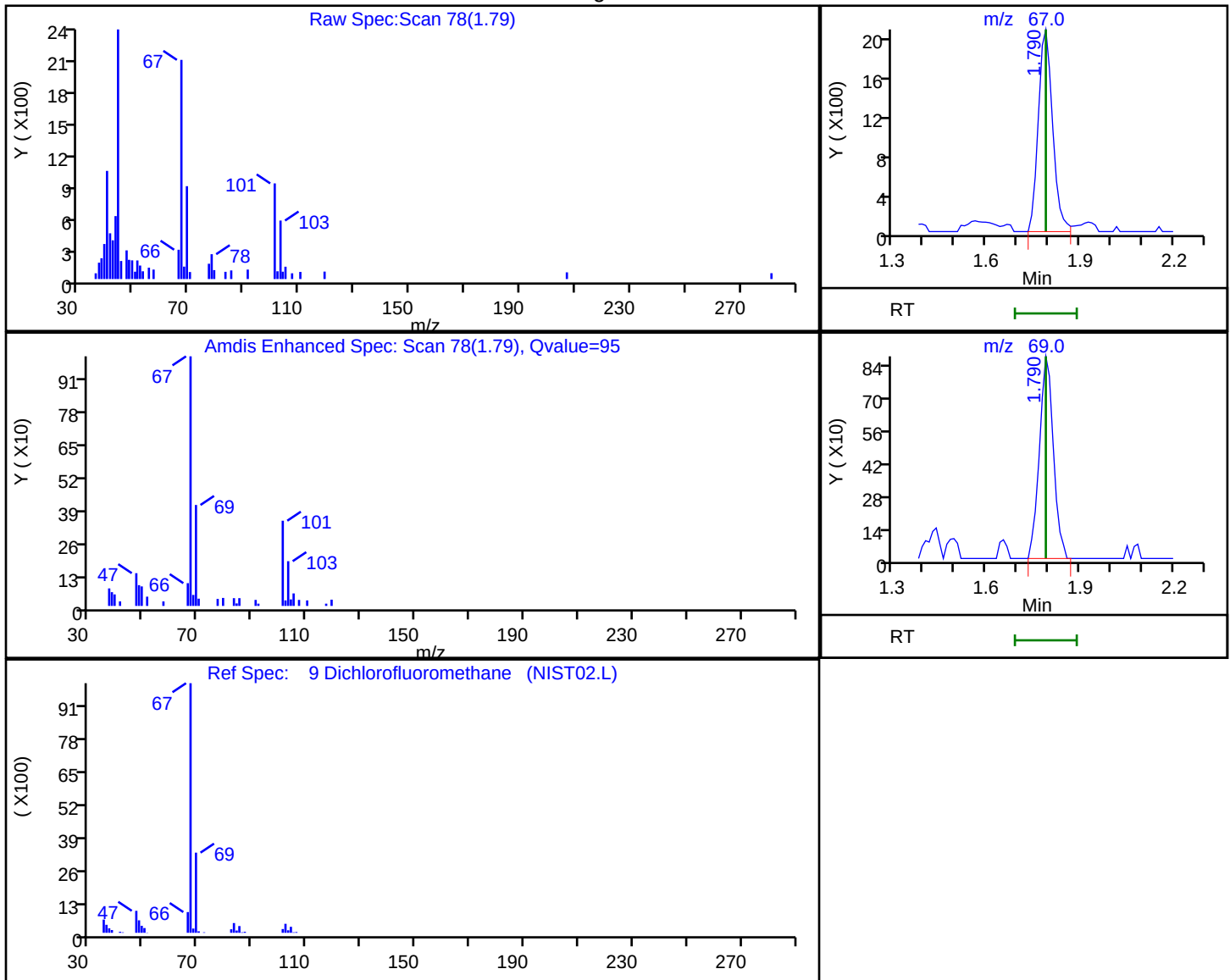
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.79	67.00	6635	0.978707
1.79	69.00	2744	

Reviewer: delpolitov, 10-Jul-2018 14:58:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

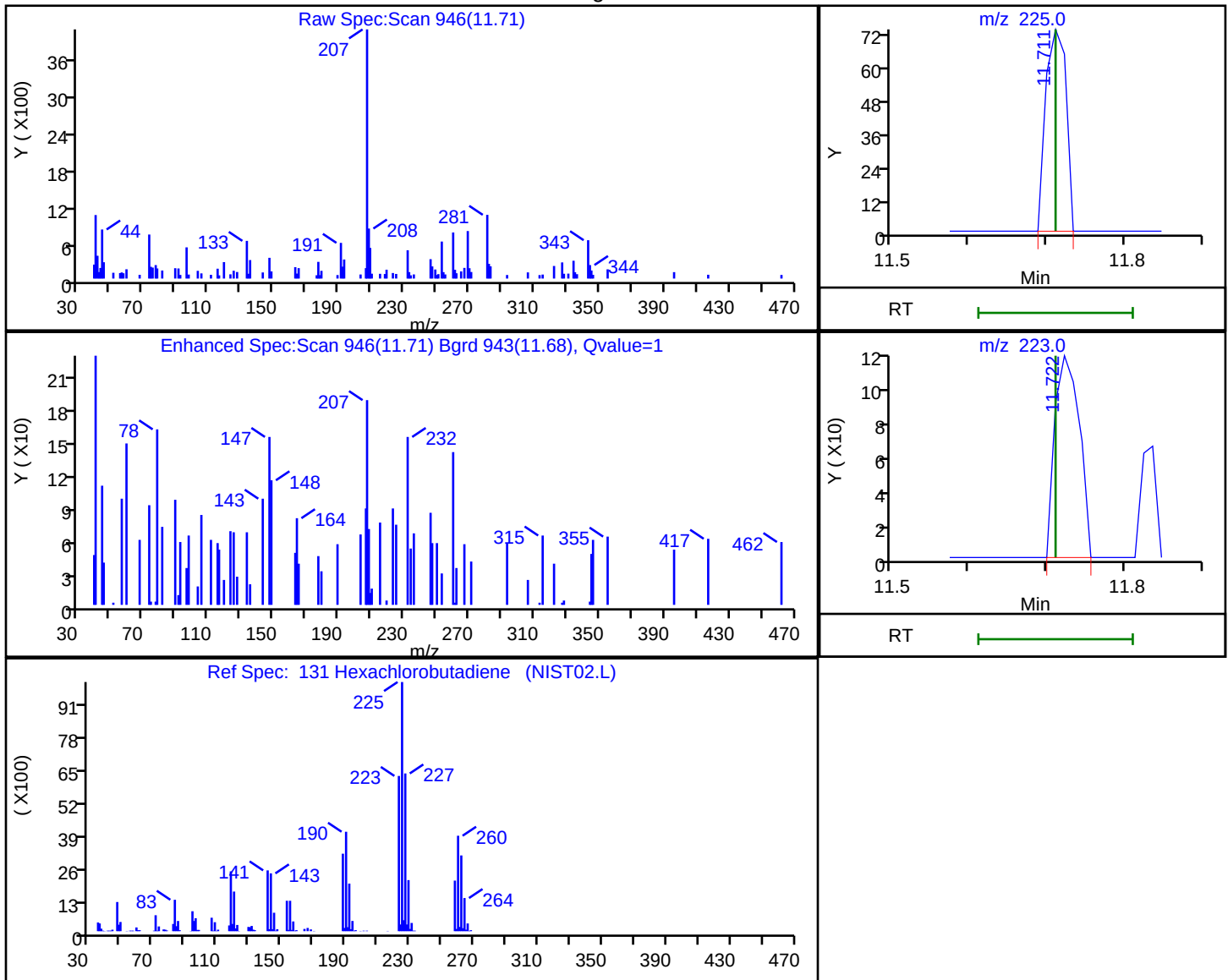
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

131 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
11.71	225.00	135	0.093916
11.72	223.00	256	

Reviewer: delpolitov, 10-Jul-2018 14:58:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

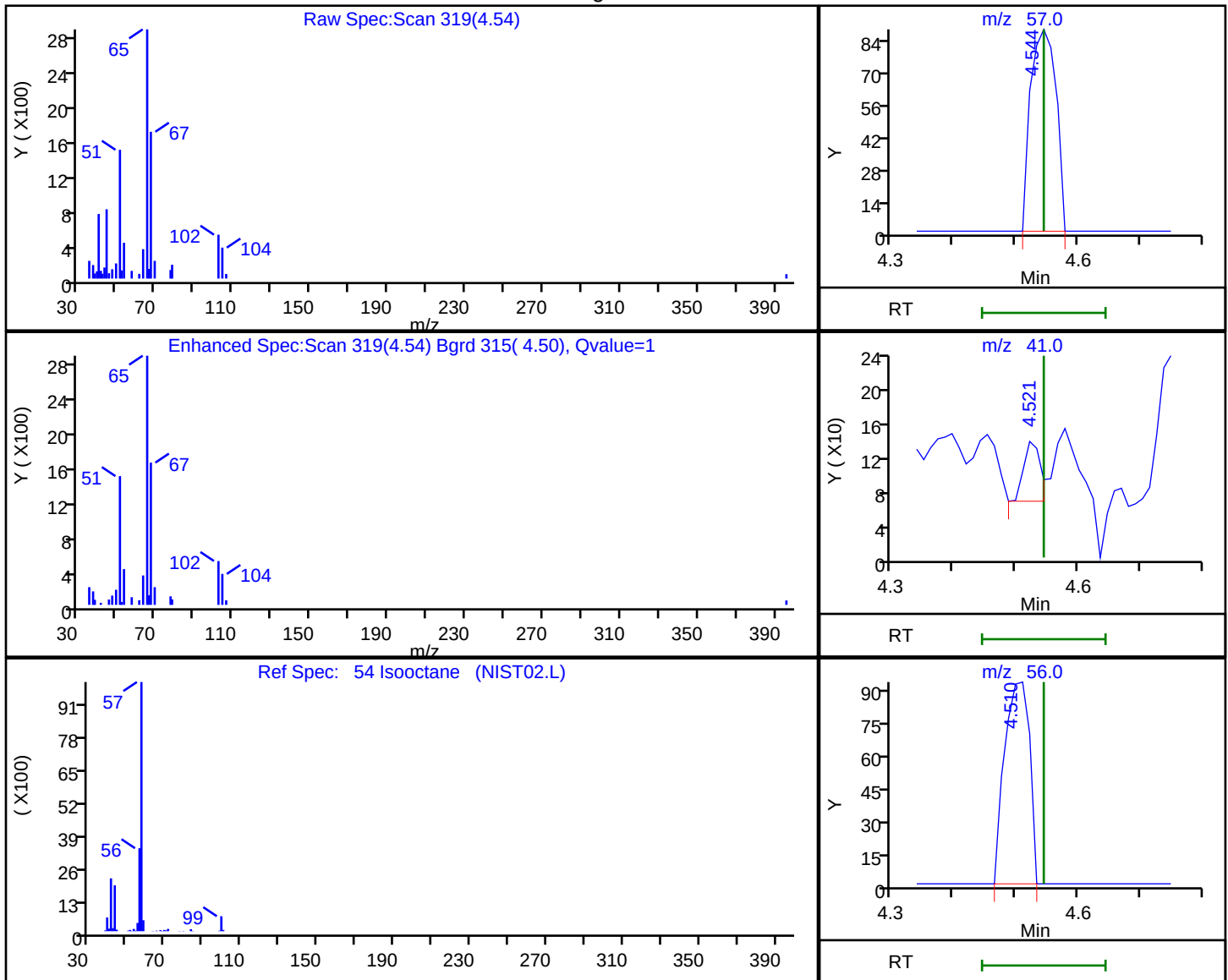
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

54 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.54	57.00	254	0.046647
4.52	41.00	130	
4.51	56.00	263	
4.54	99.00	0	

Reviewer: delpolitov, 10-Jul-2018 14:58:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

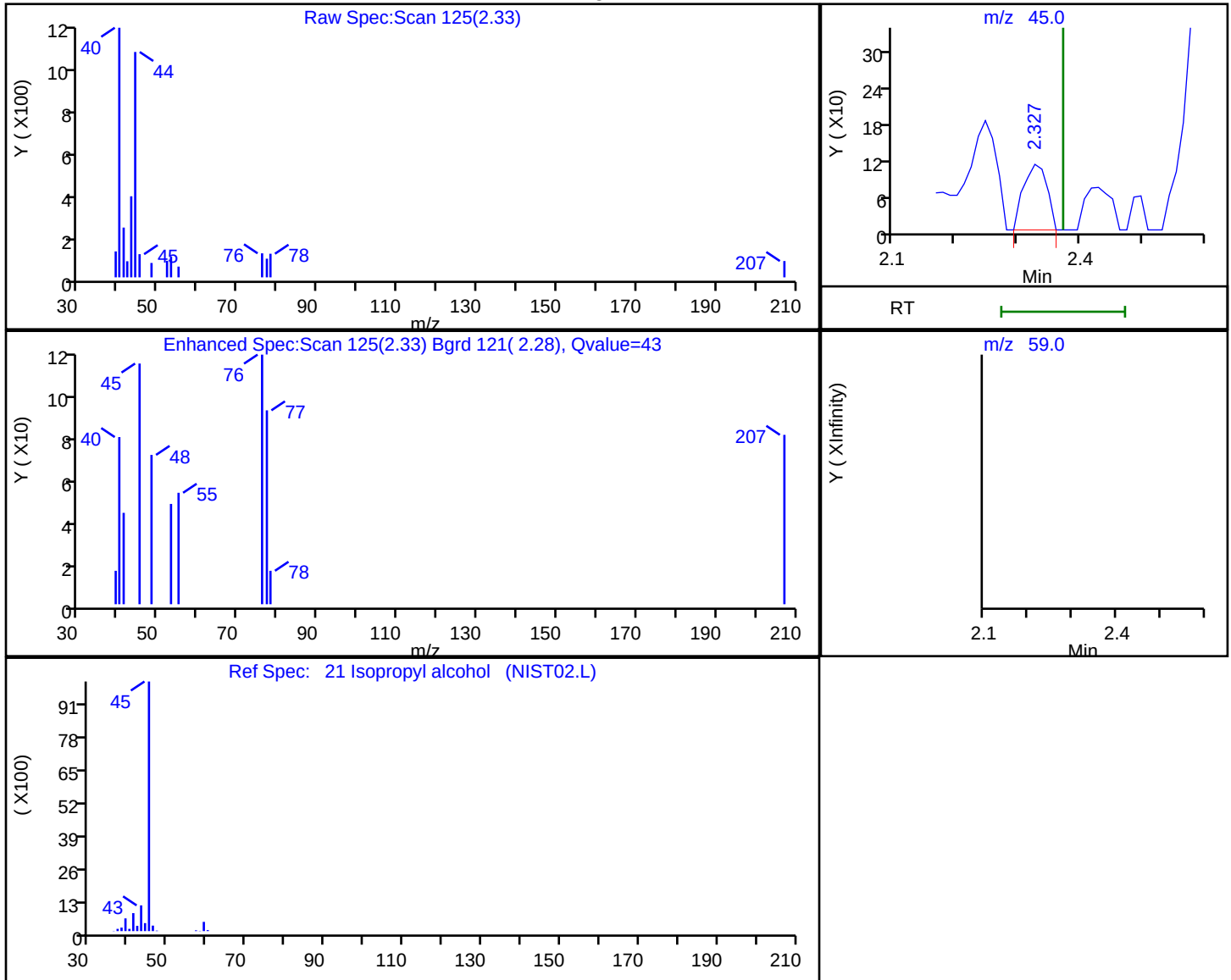
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

21 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.33	45.00	285	1.413239
2.37	59.00	0	

Reviewer: delpolitov, 10-Jul-2018 14:58:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

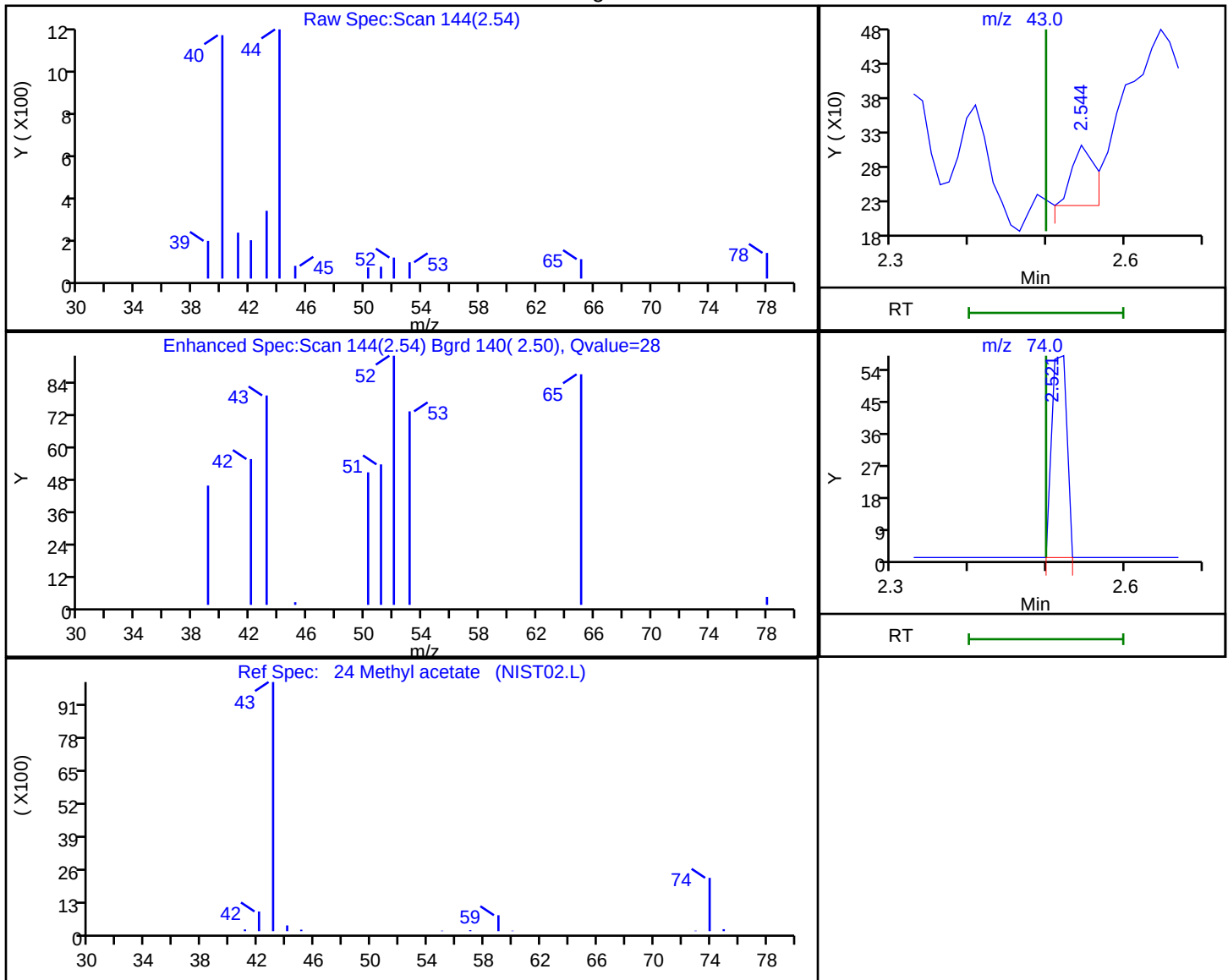
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

24 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.54	43.00	185	0.089726
2.52	74.00	79	

Reviewer: delpolitov, 10-Jul-2018 14:58:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

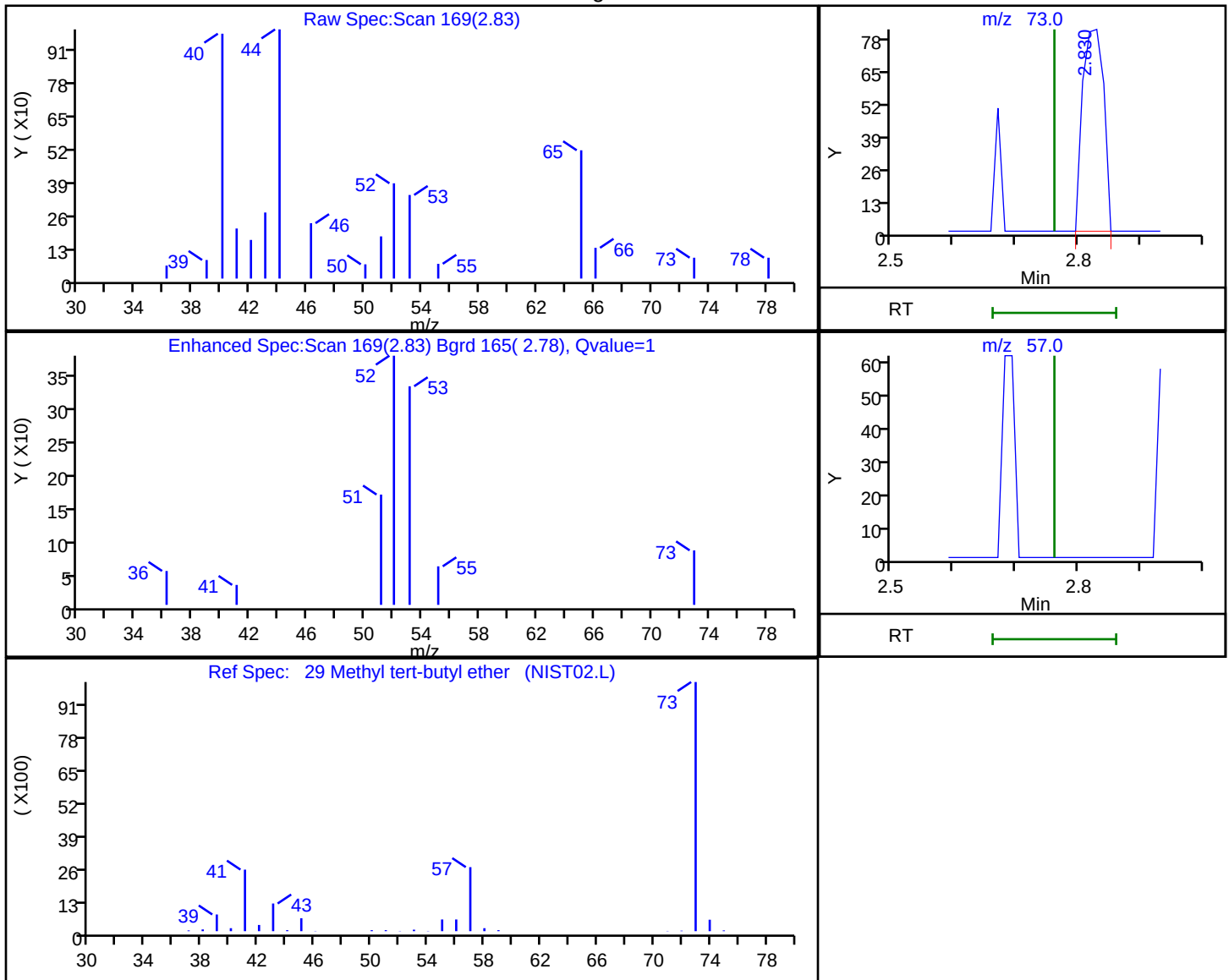
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

29 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.83	73.00	195	0.025224
2.76	57.00	0	

Reviewer: delpolitov, 10-Jul-2018 14:58:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

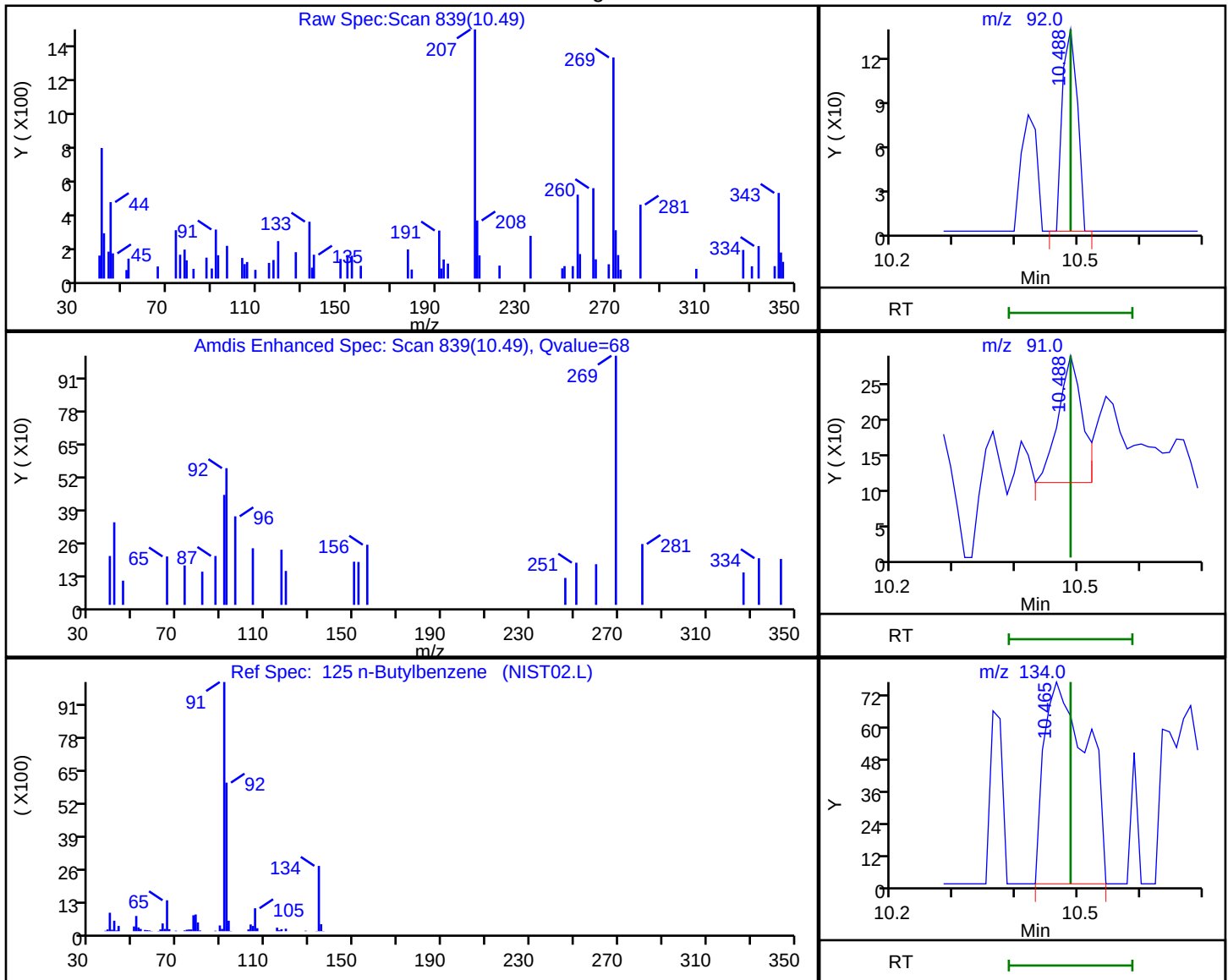
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

125 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
10.49	92.00	230	0.052547
10.49	91.00	496	
10.46	134.00	371	

Reviewer: delpolitov, 10-Jul-2018 14:58:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

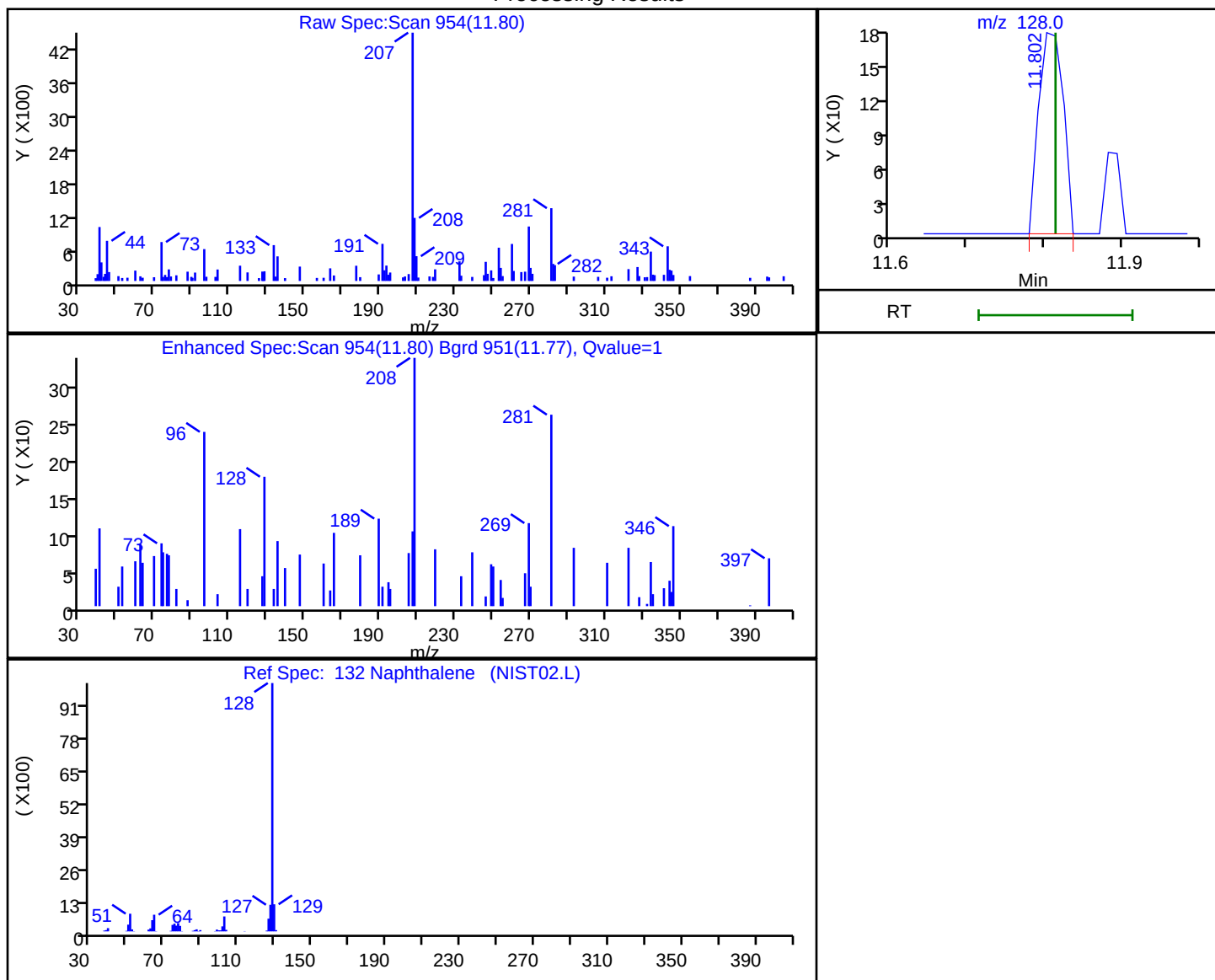
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

132 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
11.80	128.00	383	0.041992

Reviewer: delpolitov, 10-Jul-2018 14:58:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

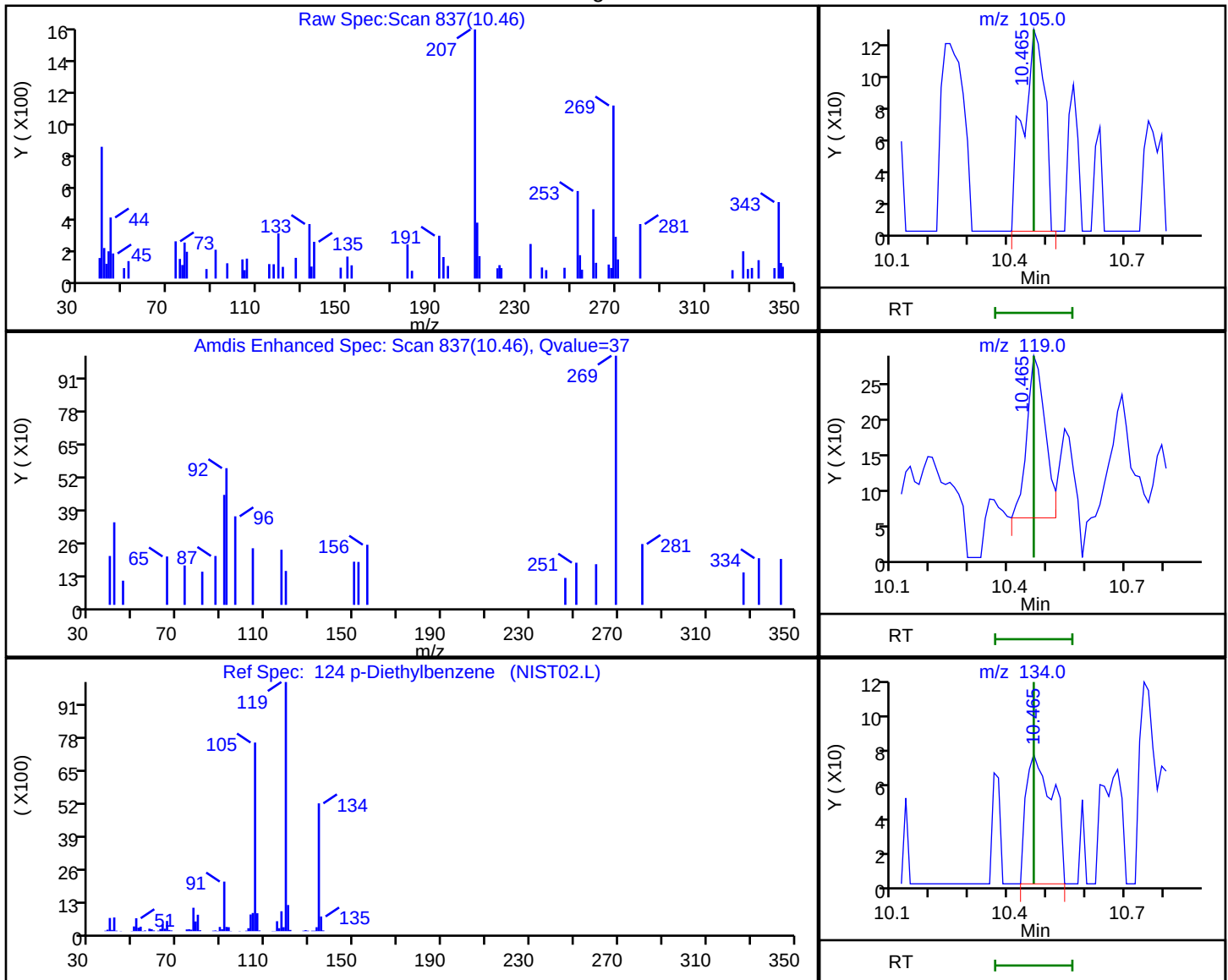
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

124 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.46	105.00	493	0.108703
10.46	119.00	768	
10.46	134.00	371	

Reviewer: delpolitov, 10-Jul-2018 14:58:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

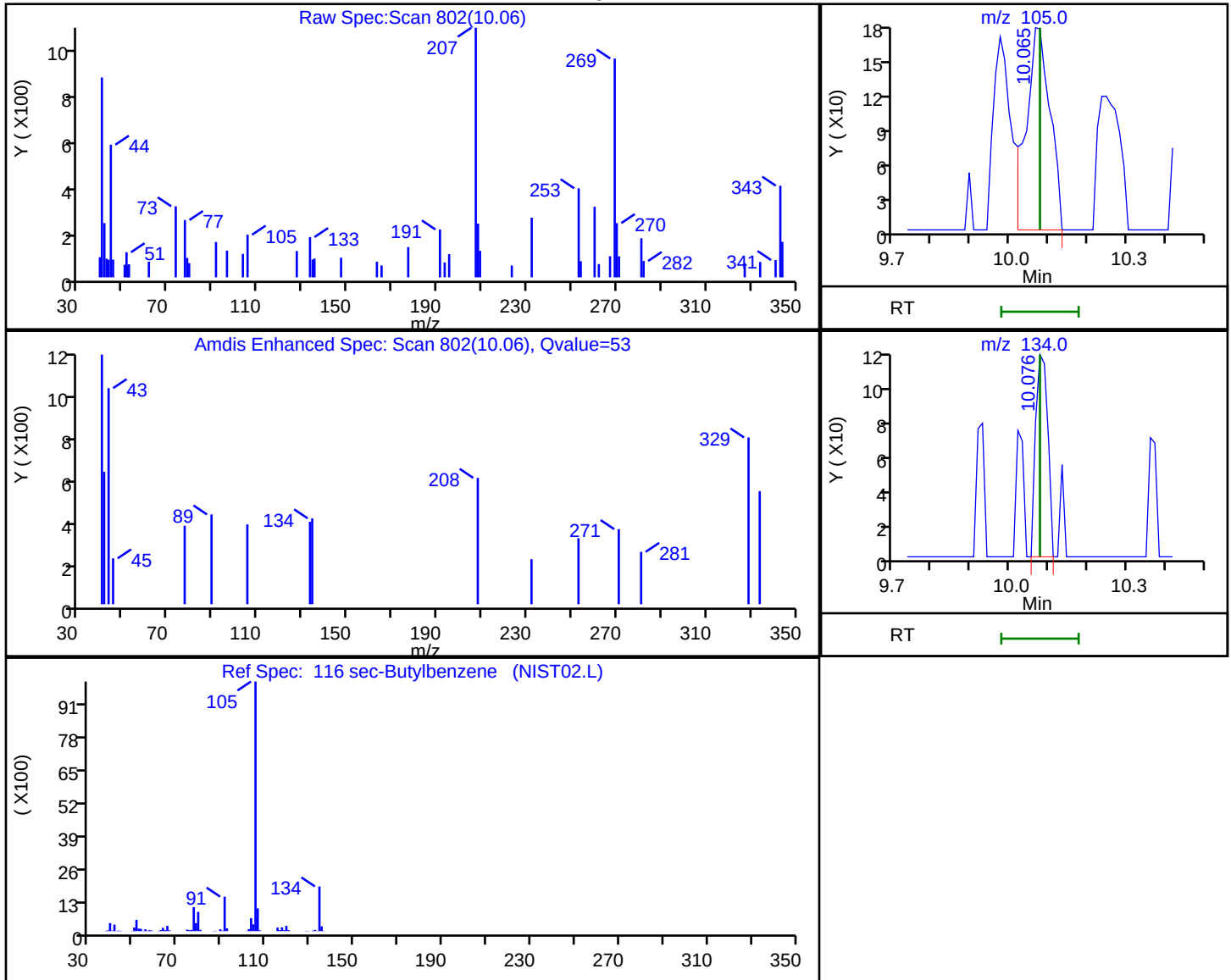
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

116 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.06	105.00	775	0.081909
10.08	134.00	244	

Reviewer: delpolitov, 10-Jul-2018 14:58:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

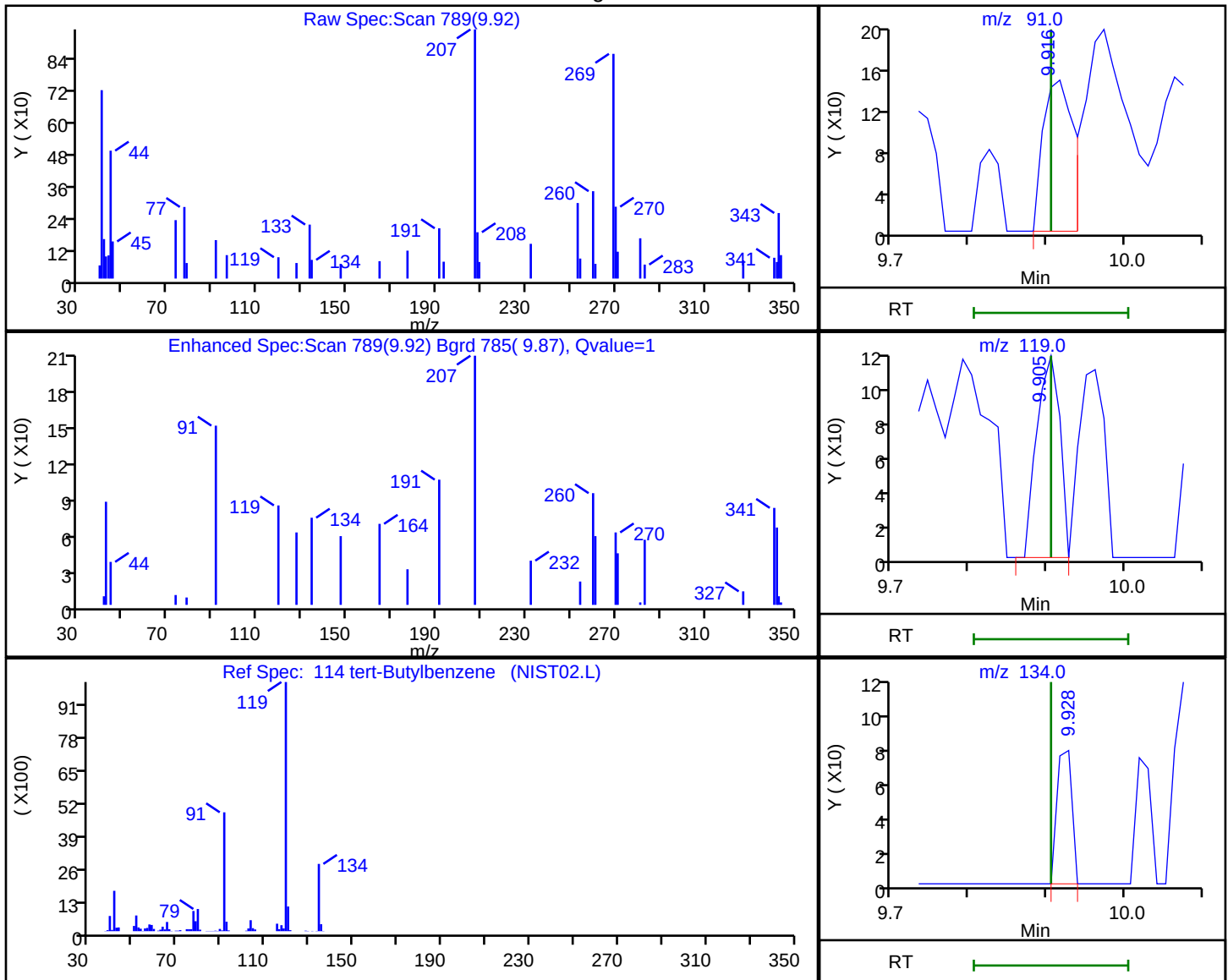
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

114 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.92	91.00	404	0.083104
9.90	119.00	241	
9.93	134.00	99	

Reviewer: delpolitov, 10-Jul-2018 14:58:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

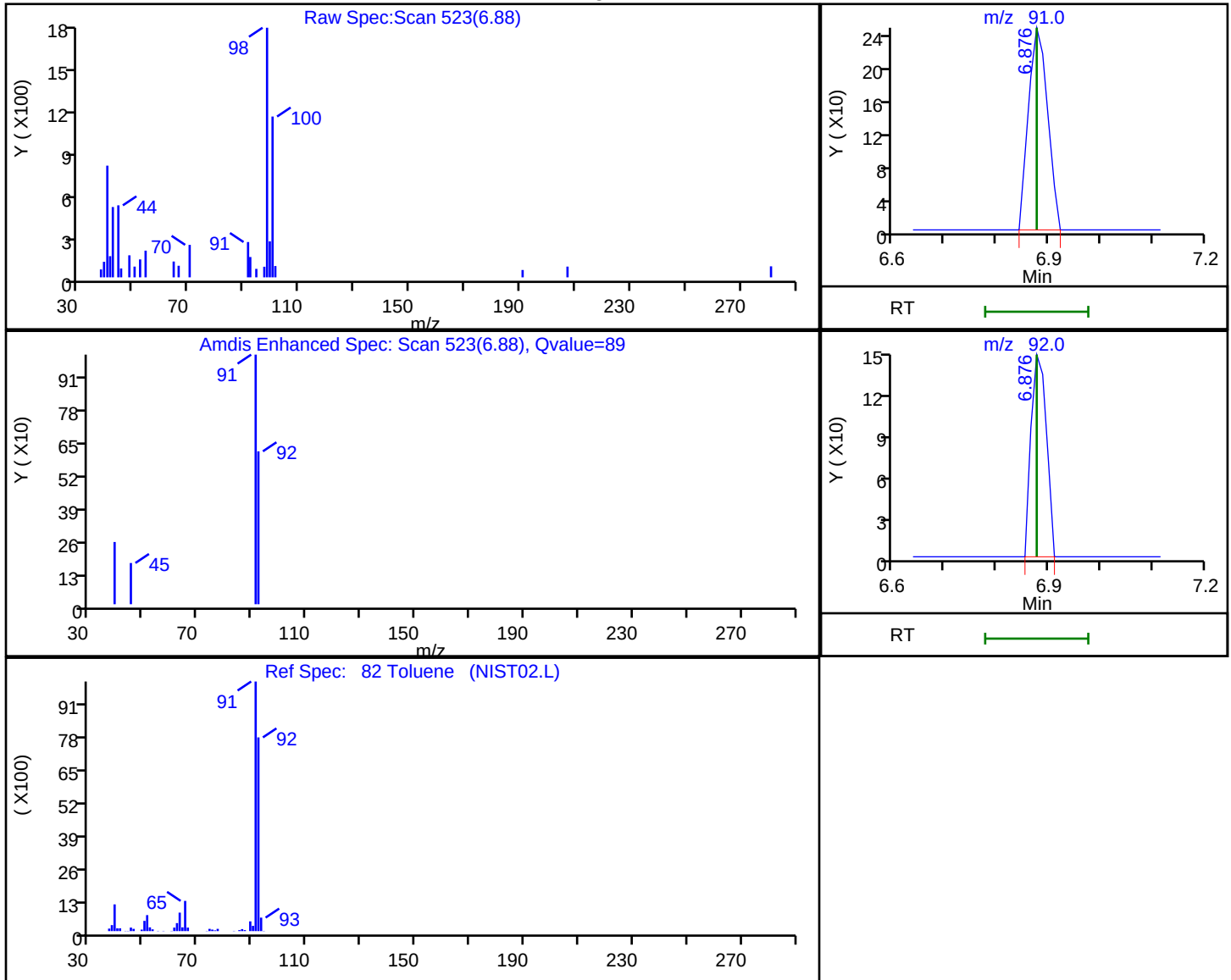
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.88	91.00	644	0.066110
6.88	92.00	297	

Reviewer: delpolitov, 10-Jul-2018 14:58:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

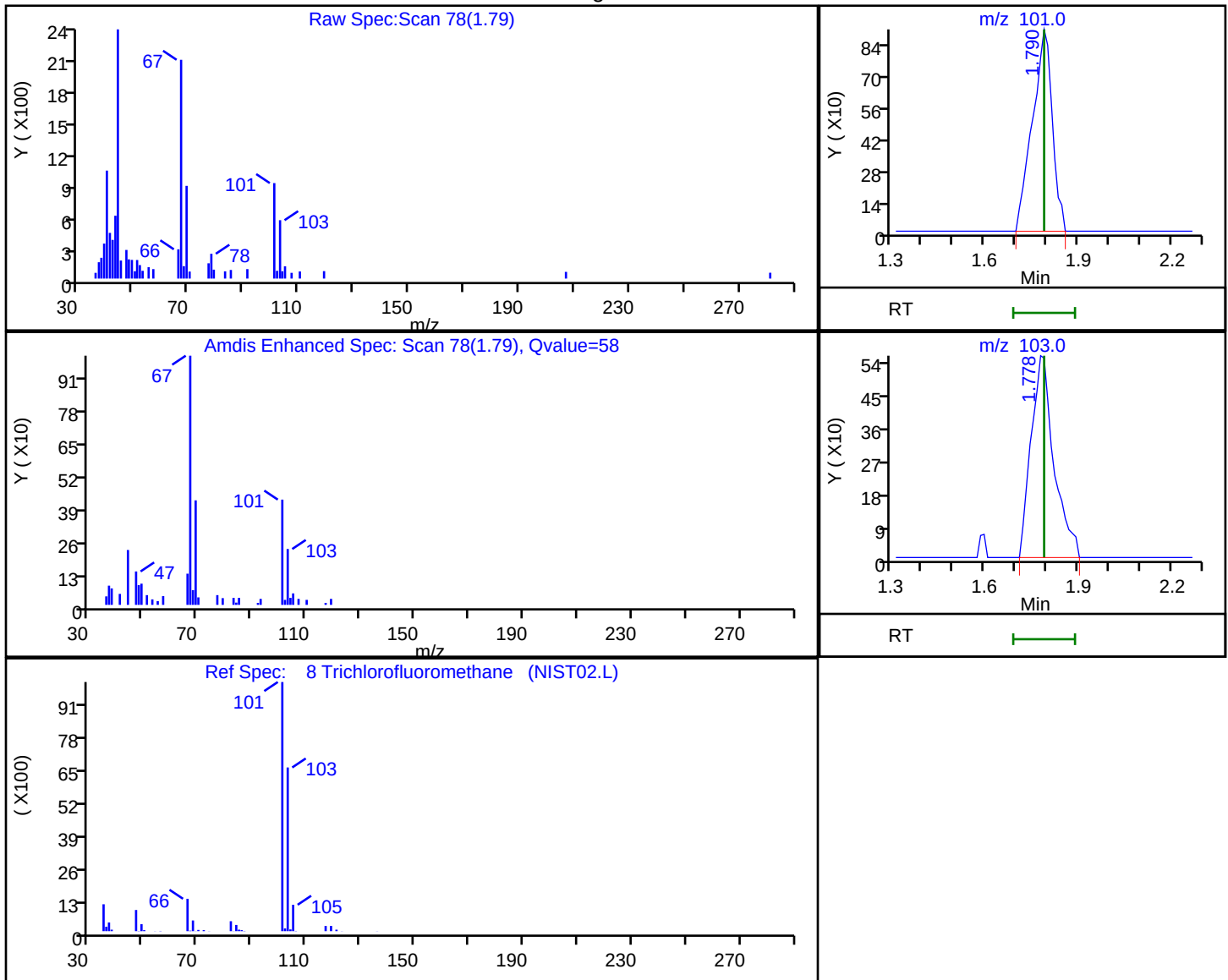
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

8 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.79	101.00	4026	0.894248
1.78	103.00	2865	

Reviewer: delpolitov, 10-Jul-2018 14:58:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31998.D

Injection Date: 09-Jul-2018 14:08:30

Instrument ID: CVOAMS2

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

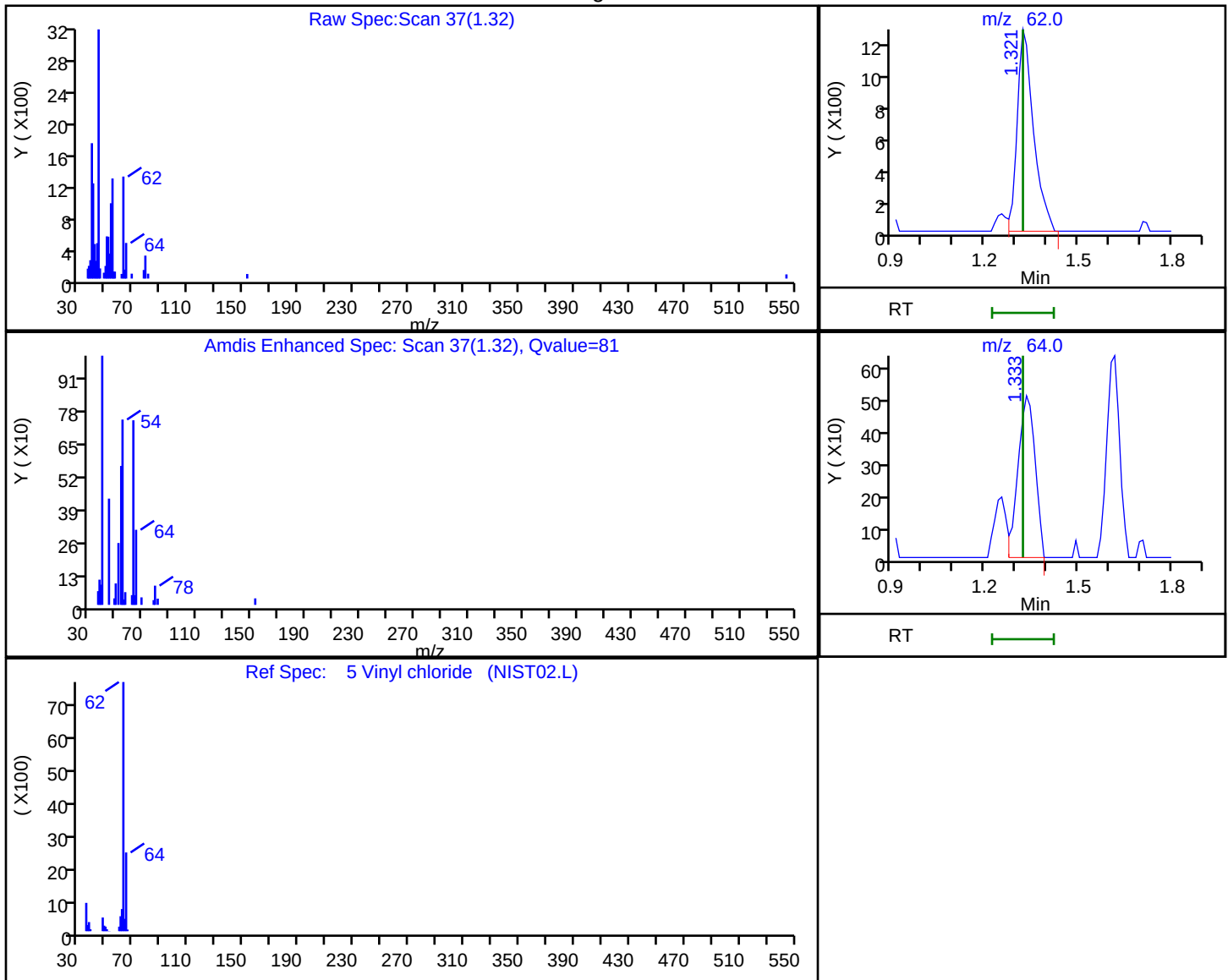
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

5 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.32	62.00	4685	0.904639
1.33	64.00	1971	

Reviewer: delpolitov, 10-Jul-2018 14:57:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B32000.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 09-Jul-2018 14:56:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0075127-005
 Operator ID: Instrument ID: CVOAMS2
 Sublist: chrom-8260W_2*sub60
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 16:29:32 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: martineze

Date: 09-Jul-2018 17:09:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.081	1.081	0.000	86	4192	5.00	5.69	
2 Dichlorodifluoromethane	85	1.093	1.104	-0.011	98	22640	5.00	5.03	
3 Chloromethane	50	1.241	1.253	-0.012	99	32748	5.00	5.29	
4 Butadiene	54	1.310	1.310	0.000	94	23871	5.00	5.29	
5 Vinyl chloride	62	1.321	1.321	0.000	98	29408	5.00	5.45	
6 Bromomethane	94	1.550	1.561	-0.011	96	18054	5.00	5.13	
7 Chloroethane	64	1.607	1.618	-0.011	98	14528	5.00	5.07	
10 Pentane	72	1.778	1.790	-0.012	97	4375	10.0	10.4	
8 Trichlorofluoromethane	101	1.778	1.790	-0.012	94	26362	5.00	5.60	
9 Dichlorofluoromethane	67	1.778	1.790	-0.012	98	38157	5.00	5.42	
11 Ethanol	46	1.961	1.973	-0.012	85	3637	200.0	191.4	
12 Ethyl ether	59	1.973	1.973	0.000	84	13303	5.00	4.90	
13 2-Methyl-1,3-butadiene	53	1.984	1.984	0.000	94	14186	5.00	4.84	
14 1,2-Dichloro-1,1,2-trifluo	117	2.041	2.053	-0.012	94	13472	5.00	5.13	
15 Acrolein	56	2.133	2.133	0.000	96	9291	20.0	17.7	
17 1,1,2-Trichloro-1,2,2-trif	101	2.144	2.155	-0.011	96	13545	5.00	4.82	
16 1,1-Dichloroethene	96	2.156	2.167	-0.011	95	13252	5.00	4.67	
18 Acetone	43	2.247	2.258	-0.011	85	21819	25.0	25.3	
19 Iodomethane	142	2.293	2.304	-0.011	99	27455	5.00	4.91	
20 Carbon disulfide	76	2.316	2.327	-0.011	99	54952	5.00	4.62	
21 Isopropyl alcohol	45	2.361	2.373	-0.012	50	11031	50.0	52.8	
22 3-Chloro-1-propene	76	2.464	2.464	0.000	85	9880	5.00	4.70	
23 Cyclopentene	67	2.476	2.476	0.000	90	37997	5.00	5.13	
24 Methyl acetate	43	2.487	2.498	-0.011	99	22931	10.0	9.51	
25 Acetonitrile	41	2.544	2.556	-0.012	97	23918	50.0	43.2	
26 Methylene Chloride	84	2.590	2.601	-0.011	97	18449	5.00	5.12	
* 27 TBA-d9 (IS)	65	2.624	2.636	-0.012	0	247488	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.693	2.704	-0.011	52	15525	50.0	45.3	
29 Methyl tert-butyl ether	73	2.761	2.761	0.000	97	42671	5.00	4.91	
30 trans-1,2-Dichloroethene	96	2.773	2.784	-0.011	97	14916	5.00	4.20	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.864	2.864	0.000	93	53744	50.0	41.7	
32 Hexane	43	2.933	2.944	-0.011	94	11156	5.00	4.18	
33 Isopropyl ether	45	3.173	3.184	-0.011	93	65229	5.00	5.26	
34 1,1-Dichloroethane	63	3.184	3.184	0.000	99	32445	5.00	5.20	
35 Vinyl acetate	86	3.219	3.218	0.001	100	4680	10.0	8.81	
36 2-Chloro-1,3-butadiene	88	3.219	3.230	-0.011	88	13419	5.00	4.98	
37 Tert-butyl ethyl ether	59	3.504	3.516	-0.012	87	53375	5.00	5.11	
38 2,2-Dichloropropane	41	3.699	3.699	0.001	50	20923	5.00	5.60	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	274679	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.733	0.000	94	18058	5.00	5.22	
41 2-Butanone (MEK)	72	3.767	3.779	-0.011	99	6419	25.0	24.4	
42 Ethyl acetate	70	3.790	3.790	0.000	93	2731	10.0	9.80	
43 Methyl acrylate	85	3.836	3.836	0.000	97	1927	5.00	5.76	
44 Propionitrile	54	3.916	3.916	0.000	92	18781	50.0	47.4	
46 Chlorobromomethane	128	3.973	3.973	0.000	95	8435	5.00	4.56	
45 Tetrahydrofuran	72	3.973	3.973	0.000	53	2935	10.0	9.83	
47 Methacrylonitrile	67	4.007	4.019	-0.012	96	50456	50.0	47.1	
48 Chloroform	83	4.042	4.053	-0.011	96	28778	5.00	5.36	
49 Cyclohexane	84	4.144	4.156	-0.012	96	17484	5.00	4.65	
50 1,1,1-Trichloroethane	97	4.167	4.179	-0.012	97	22332	5.00	5.18	
\$ 51 Dibromofluoromethane (Surr	113	4.213	4.213	0.000	97	105410	50.0	52.2	
52 Carbon tetrachloride	117	4.293	4.304	-0.011	93	18985	5.00	5.31	
53 1,1-Dichloropropene	75	4.339	4.339	0.000	93	20149	5.00	4.97	
54 Isooctane	57	4.533	4.544	-0.011	96	26812	5.00	4.38	
56 Isobutyl alcohol	74	4.556	4.556	0.000	35	3531	125.0	105.5	
55 Benzene	78	4.544	4.556	-0.012	97	58647	5.00	5.03	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.579	4.590	-0.011	63	115700	50.0	50.5	
59 Tert-amyl methyl ether	73	4.659	4.659	0.000	92	49631	5.00	5.03	
60 1,2-Dichloroethane	62	4.670	4.670	0.000	94	23095	5.00	5.49	
61 Isopropyl acetate	61	4.682	4.681	0.001	97	7908	5.00	5.09	
62 n-Heptane	57	4.762	4.761	0.001	86	6085	5.00	4.06	
* 63 Fluorobenzene	96	4.887	4.887	0.000	98	473720	50.0	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	94	14913	5.00	5.23	
65 n-Butanol	43	5.379	5.390	-0.011	65	4698	125.0	100.7	
66 Methylcyclohexane	83	5.402	5.413	-0.011	91	16800	5.00	4.55	
67 Ethyl acrylate	55	5.493	5.493	0.000	52	15769	5.00	4.61	
69 1,2-Dichloropropane	63	5.607	5.607	0.000	90	16400	5.00	4.99	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	97	18583	1000.0	1000.0	
72 Dibromomethane	93	5.756	5.756	0.000	90	9030	5.00	4.82	
71 Methyl methacrylate	100	5.767	5.767	0.000	95	5789	10.0	10.3	
73 1,4-Dioxane	88	5.779	5.779	0.000	75	2703	100.0	92.3	
74 n-Propyl acetate	43	5.847	5.847	0.000	98	20113	5.00	4.83	
75 Dichlorobromomethane	83	5.950	5.962	-0.012	98	19632	5.00	4.89	
76 2-Nitropropane	41	6.362	6.362	0.000	96	5850	10.0	7.93	
77 2-Chloroethyl vinyl ether	63	6.385	6.396	-0.011	91	7033	5.00	4.06	
78 Epichlorohydrin	57	6.499	6.499	0.000	98	25429	100.0	88.5	a
79 cis-1,3-Dichloropropene	75	6.545	6.544	0.001	98	21703	5.00	4.74	
80 4-Methyl-2-pentanone (MIBK	43	6.762	6.762	0.000	97	70320	25.0	25.2	
\$ 81 Toluene-d8 (Surr)	98	6.796	6.796	0.000	98	372107	50.0	50.7	
82 Toluene	91	6.876	6.876	0.000	94	53468	5.00	4.78	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	98	18678	5.00	4.72	
84 Ethyl methacrylate	69	7.333	7.333	0.000	96	14195	5.00	4.61	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.459	7.459	0.000	90	13862	5.00	4.96	
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	80	9934	5.00	4.76	
87 1,3-Dichloropropane	76	7.631	7.630	0.000	96	19006	5.00	4.75	
88 2-Hexanone	43	7.722	7.722	0.000	99	37559	25.0	23.2	
89 Chlorodibromomethane	129	7.813	7.813	0.000	97	12895	5.00	4.86	
90 n-Butyl acetate	73	7.836	7.836	0.000	98	3346	5.00	5.81	
91 Ethylene Dibromide	107	7.928	7.916	0.012	97	11941	5.00	5.09	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	332358	50.0	50.0	
93 Chlorobenzene	112	8.362	8.362	0.000	93	36262	5.00	5.06	
94 Ethylbenzene	106	8.442	8.453	-0.011	99	17922	5.00	4.93	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	94	14382	5.00	5.29	
96 m-Xylene & p-Xylene	106	8.556	8.556	0.000	0	21393	5.00	4.79	
97 o-Xylene	106	8.899	8.899	0.000	92	20494	5.00	4.51	
98 n-Butyl acrylate	73	8.922	8.922	0.000	94	6159	5.00	4.06	
99 Styrene	104	8.933	8.933	0.000	97	36765	5.00	4.79	
100 Bromoform	173	9.094	9.093	0.001	95	7887	5.00	4.64	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	87	15888	5.00	3.24	
102 Isopropylbenzene	105	9.196	9.196	0.000	97	55241	5.00	4.93	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	151657	50.0	49.7	
104 Bromobenzene	156	9.459	9.459	0.000	97	17480	5.00	5.05	
105 1,1,2,2-Tetrachloroethane	83	9.516	9.516	0.000	95	7089	5.00	2.67	
106 N-Propylbenzene	91	9.528	9.528	0.000	98	64618	5.00	4.68	
107 1,2,3-Trichloropropane	110	9.551	9.551	0.001	96	3921	5.00	4.77	
108 trans-1,4-Dichloro-2-buten	53	9.574	9.573	0.001	80	5219	5.00	4.31	
109 2-Chlorotoluene	91	9.608	9.608	0.000	97	49477	5.00	4.79	
110 4-Ethyltoluene	105	9.619	9.619	0.000	97	56789	5.00	4.60	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	93	45240	5.00	4.51	
112 4-Chlorotoluene	91	9.699	9.699	0.000	98	48794	5.00	4.76	
113 Butyl Methacrylate	87	9.768	9.768	0.000	96	9100	5.00	2.24	
114 tert-Butylbenzene	91	9.905	9.905	0.000	92	24433	5.00	4.20	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	97	48543	5.00	4.72	
116 sec-Butylbenzene	105	10.076	10.076	0.000	98	51159	5.00	4.61	
117 1,3-Dichlorobenzene	146	10.179	10.179	0.000	85	30573	5.00	4.85	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	97	40513	5.00	4.32	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	97	196420	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	92	31954	5.00	4.72	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	98	52493	5.00	4.80	a
122 Benzyl chloride	126	10.374	10.373	0.001	98	5860	5.00	4.35	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	92	59257	5.00	4.89	
124 p-Diethylbenzene	105	10.465	10.465	0.000	91	26055	5.00	4.90	
125 n-Butylbenzene	92	10.488	10.488	0.000	96	24130	5.00	4.70	
126 1,2-Dichlorobenzene	146	10.522	10.533	-0.011	95	31580	5.00	4.97	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	45694	5.00	4.85	
128 1,2-Dibromo-3-Chloropropan	75	11.094	11.094	0.000	89	1386	5.00	2.90	
129 1,3,5-Trichlorobenzene	180	11.197	11.196	0.001	96	21938	5.00	4.83	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	93	21748	5.00	4.83	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	94	6636	5.00	3.95	
132 Naphthalene	128	11.814	11.814	0.000	99	49101	5.00	4.59	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	92	18899	5.00	4.52	
S 134 1,2-Dichloroethene, Total	100				0		10.0	9.43	
S 135 Xylenes, Total	100				0		10.0	9.29	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00078	Amount Added: 4.00	Units: uL	
GAS Hi_00262	Amount Added: 1.00	Units: uL	
MIX 2 Hi_00072	Amount Added: 1.00	Units: uL	
MIX I Hi_00095	Amount Added: 1.00	Units: uL	
Ethanol mix_00017	Amount Added: 1.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B32000.D

Injection Date: 09-Jul-2018 14:56:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

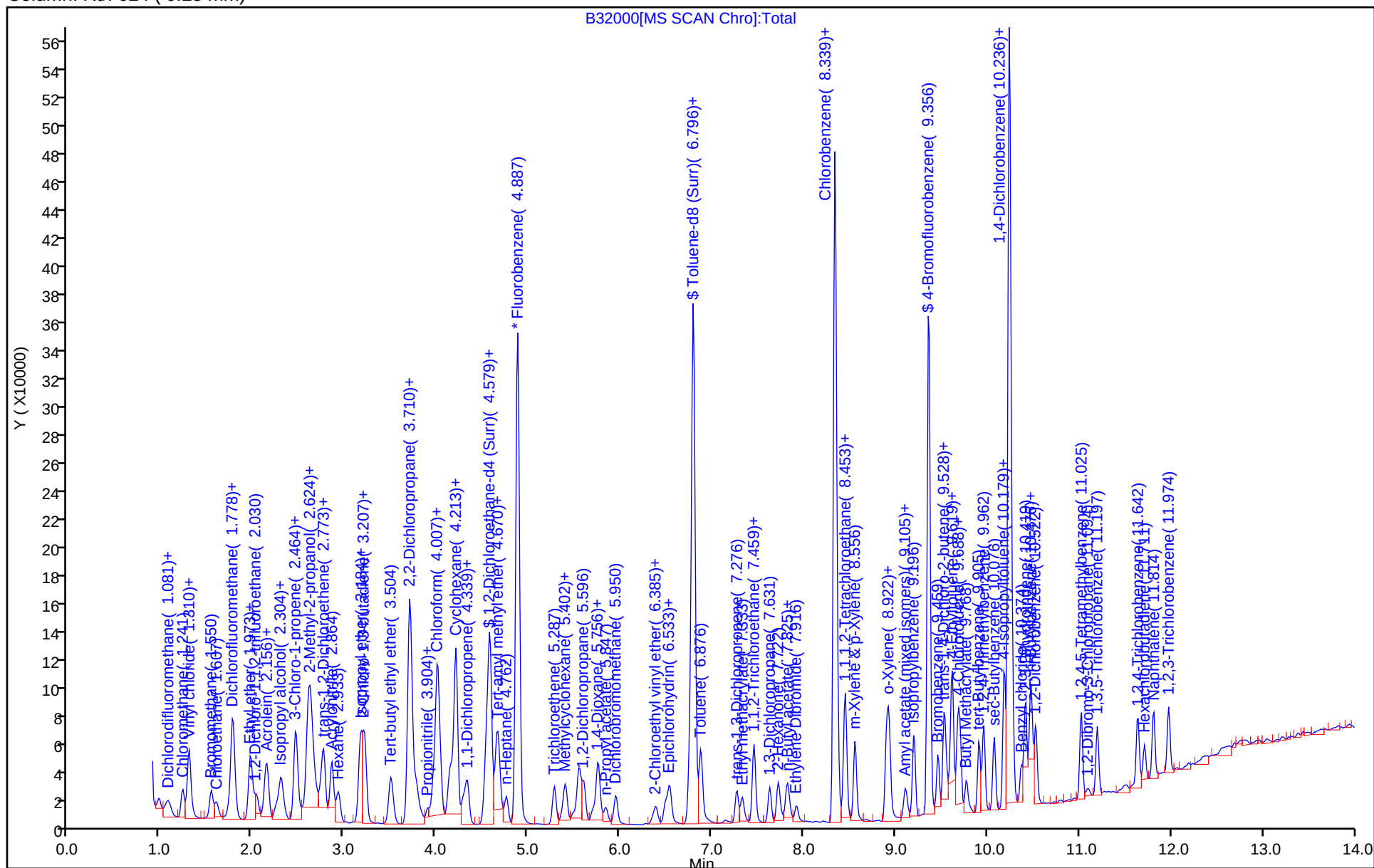
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B32000.D

Injection Date: 09-Jul-2018 14:56:30

Instrument ID: CVOAMS2

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

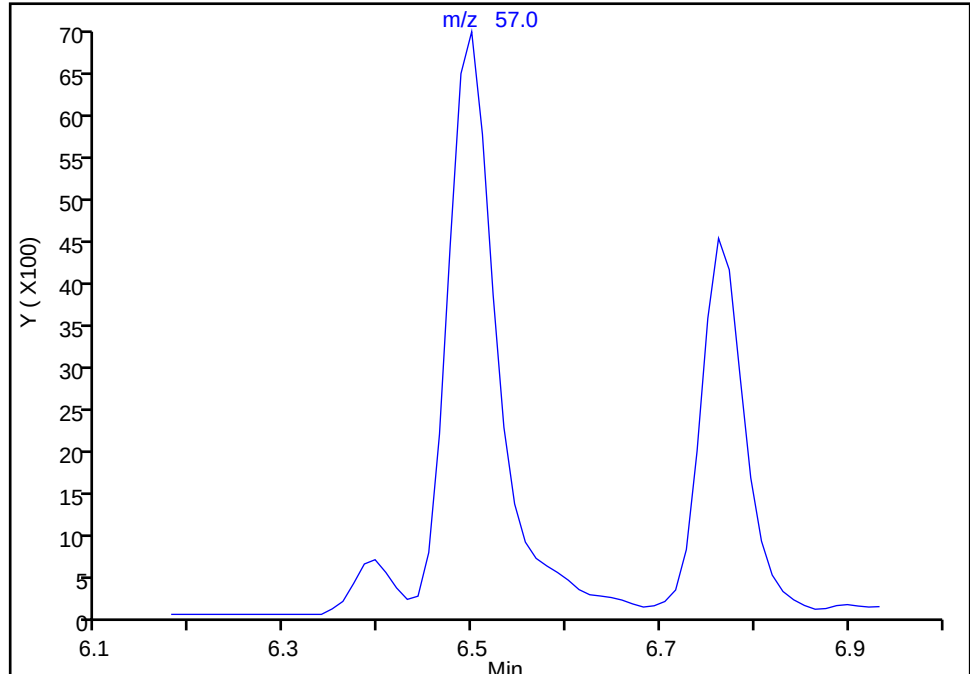
78 Epichlorohydrin, CAS: 106-89-8

Signal: 1

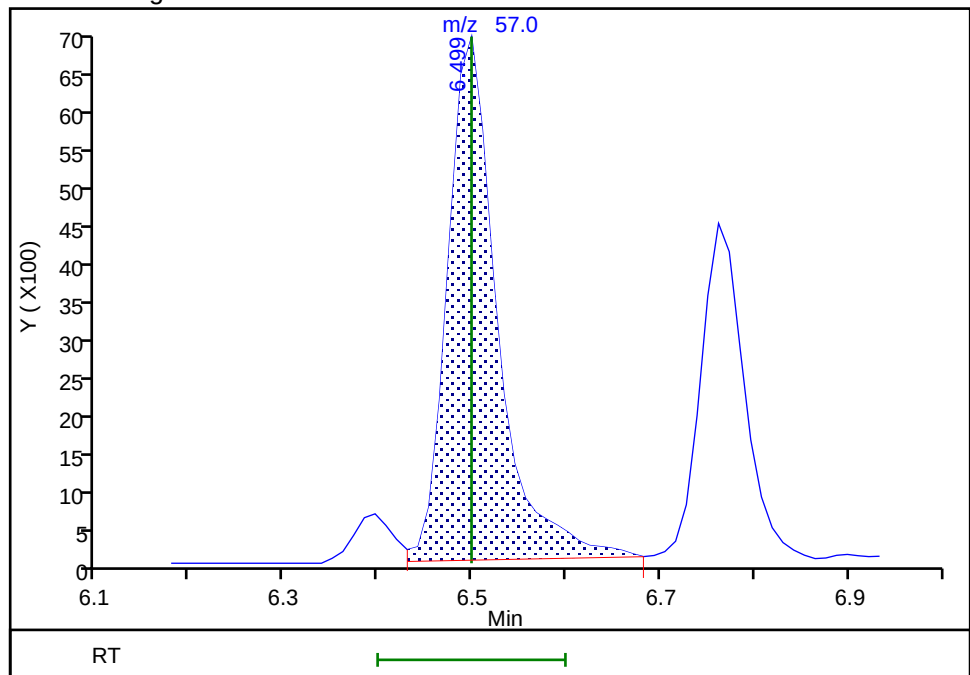
Not Detected

Expected RT: 6.50

Processing Integration Results



Manual Integration Results



RT: 6.50
Area: 25429
Amount: 88.542427
Amount Units: ug/l

Reviewer: delpolitov, 10-Jul-2018 14:59:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B32000.D

Injection Date: 09-Jul-2018 14:56:30

Instrument ID: CVOAMS2

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

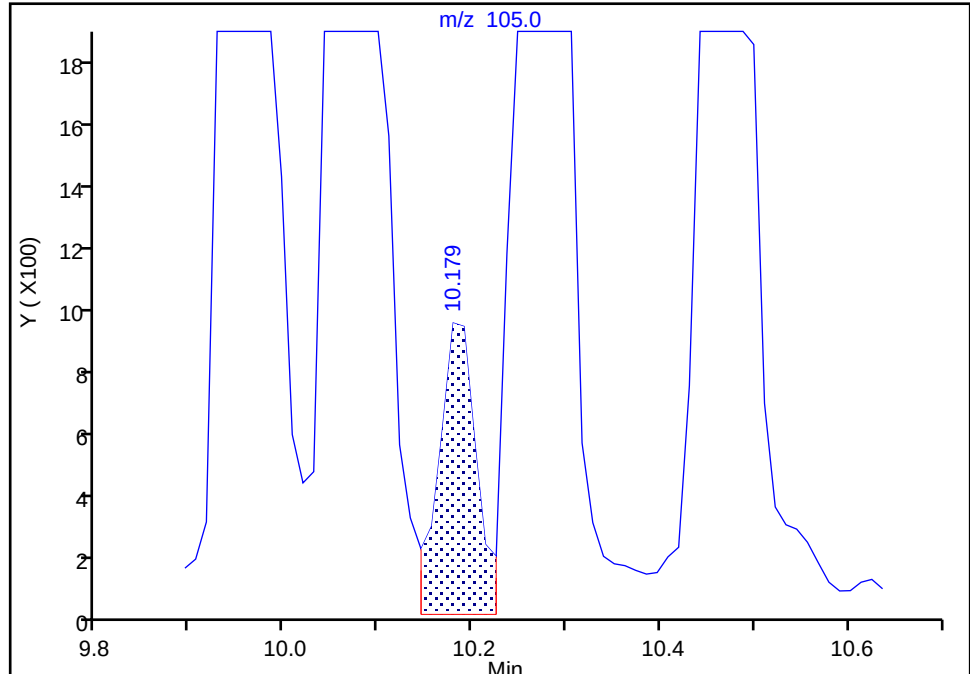
MS SCAN

121 1,2,3-Trimethylbenzene, CAS: 526-73-8

Signal: 1

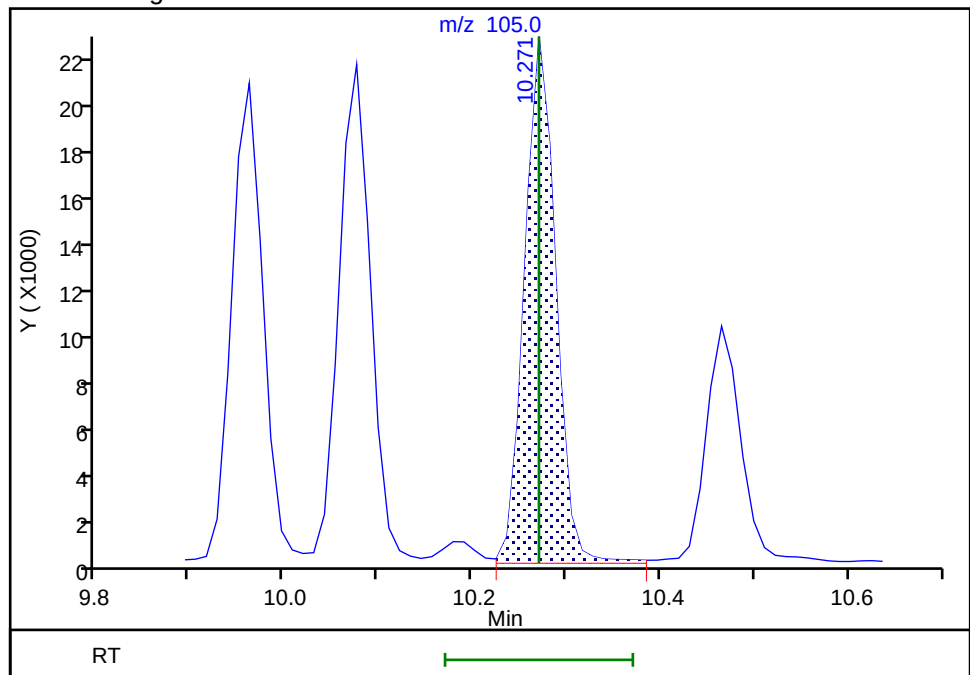
RT: 10.18
Area: 2676
Amount: 0.192482
Amount Units: ug/l

Processing Integration Results



RT: 10.27
Area: 52493
Amount: 4.799472
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 14:59:33

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B32001.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 09-Jul-2018 15:21:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0075127-006
 Operator ID: Instrument ID: CVOAMS2
 Sublist: chrom-8260W_2*sub60
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 16:29:51 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 16:28:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.081	1.081	0.000	90	13895	20.0	16.7	
2 Dichlorodifluoromethane	85	1.104	1.104	0.000	98	97486	20.0	19.1	
3 Chloromethane	50	1.253	1.253	0.000	98	134895	20.0	19.3	
4 Butadiene	54	1.310	1.310	0.000	95	98286	20.0	19.2	
5 Vinyl chloride	62	1.321	1.321	0.000	98	116860	20.0	19.1	
6 Bromomethane	94	1.561	1.561	0.000	99	74731	20.0	18.8	
7 Chloroethane	64	1.618	1.618	0.000	100	59712	20.0	18.4	
9 Dichlorofluoromethane	67	1.790	1.790	0.000	98	151640	20.0	19.0	
8 Trichlorofluoromethane	101	1.790	1.790	0.000	61	100352	20.0	18.8	
10 Pentane	72	1.790	1.790	0.000	96	16926	40.0	39.3	
12 Ethyl ether	59	1.973	1.973	0.000	90	54813	20.0	17.9	
11 Ethanol	46	1.973	1.973	0.000	83	14835	800.0	762.3	a
13 2-Methyl-1,3-butadiene	53	1.984	1.984	0.000	96	62970	20.0	19.0	
14 1,2-Dichloro-1,1,2-trifluo	117	2.053	2.053	0.000	95	55459	20.0	18.7	
15 Acrolein	56	2.133	2.133	0.000	94	19868	40.0	39.2	
17 1,1,2-Trichloro-1,2,2-trif	101	2.155	2.155	0.000	96	55945	20.0	17.6	
16 1,1-Dichloroethene	96	2.167	2.167	0.000	94	56899	20.0	17.7	
18 Acetone	43	2.258	2.258	0.000	85	78649	100.0	87.0	
19 Iodomethane	142	2.304	2.304	0.000	98	112411	20.0	17.8	
20 Carbon disulfide	76	2.327	2.327	0.000	100	230060	20.0	17.1	
21 Isopropyl alcohol	45	2.373	2.373	0.000	96	39535	200.0	184.8	
22 3-Chloro-1-propene	76	2.464	2.464	0.000	90	44787	20.0	18.8	
23 Cyclopentene	67	2.476	2.476	0.000	93	155469	20.0	18.6	
24 Methyl acetate	43	2.498	2.498	0.000	99	88938	40.0	32.6	
25 Acetonitrile	41	2.556	2.556	0.000	95	84395	200.0	135.8	
26 Methylene Chloride	84	2.601	2.601	0.000	98	73958	20.0	18.1	
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	253453	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.704	2.704	0.000	96	61938	200.0	176.4	
29 Methyl tert-butyl ether	73	2.761	2.761	0.000	97	171290	20.0	17.4	
30 trans-1,2-Dichloroethene	96	2.784	2.784	0.000	99	62146	20.0	15.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.864	2.864	0.000	93	198588	200.0	137.1	
32 Hexane	43	2.944	2.944	0.000	94	48356	20.0	16.1	
34 1,1-Dichloroethane	63	3.184	3.184	0.000	98	129749	20.0	18.4	
33 Isopropyl ether	45	3.184	3.184	0.000	92	264334	20.0	18.8	
35 Vinyl acetate	86	3.218	3.218	0.000	100	19434	40.0	35.7	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	93	55647	20.0	18.3	
37 Tert-butyl ethyl ether	59	3.516	3.516	0.000	87	212494	20.0	18.0	
38 2,2-Dichloropropane	41	3.699	3.699	0.000	91	70029	20.0	19.3	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	287494	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.733	0.000	92	68409	20.0	17.5	
41 2-Butanone (MEK)	72	3.779	3.779	0.000	96	26752	100.0	97.2	
42 Ethyl acetate	70	3.790	3.790	0.000	94	10788	40.0	37.0	
43 Methyl acrylate	85	3.836	3.836	0.000	98	6396	20.0	16.9	
44 Propionitrile	54	3.916	3.916	0.000	95	69599	200.0	171.7	
45 Tetrahydrofuran	72	3.973	3.973	0.000	64	10178	40.0	32.6	
46 Chlorobromomethane	128	3.973	3.973	0.000	98	32618	20.0	15.7	
47 Methacrylonitrile	67	4.019	4.019	0.000	97	198648	200.0	163.7	
48 Chloroform	83	4.053	4.053	0.000	95	113678	20.0	18.7	
49 Cyclohexane	84	4.156	4.156	0.000	97	75382	20.0	17.7	
50 1,1,1-Trichloroethane	97	4.179	4.179	0.000	97	93297	20.0	19.1	
\$ 51 Dibromofluoromethane (Surr	113	4.213	4.213	0.000	97	108466	50.0	47.5	
52 Carbon tetrachloride	117	4.304	4.304	0.000	96	73067	20.0	18.1	
53 1,1-Dichloropropene	75	4.339	4.339	0.000	93	81000	20.0	17.7	
54 Isooctane	57	4.544	4.544	0.000	96	121332	20.0	17.5	
55 Benzene	78	4.556	4.556	0.000	98	247128	20.0	19.0	
56 Isobutyl alcohol	74	4.556	4.556	0.000	51	15165	500.0	442.4	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	79	119200	50.0	46.0	
59 Tert-amyl methyl ether	73	4.659	4.659	0.000	91	199301	20.0	17.9	
60 1,2-Dichloroethane	62	4.670	4.670	0.000	94	84861	20.0	19.1	
61 Isopropyl acetate	61	4.681	4.681	0.000	98	30021	20.0	17.1	
62 n-Heptane	57	4.761	4.761	0.000	85	24592	20.0	14.6	
* 63 Fluorobenzene	96	4.887	4.887	0.000	98	536031	50.0	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	97	59537	20.0	18.5	
65 n-Butanol	43	5.390	5.390	0.000	87	19776	500.0	413.7	
66 Methylcyclohexane	83	5.413	5.413	0.000	90	69617	20.0	16.7	
67 Ethyl acrylate	55	5.493	5.493	0.000	97	59185	20.0	15.3	a
69 1,2-Dichloropropane	63	5.607	5.607	0.000	93	70657	20.0	19.0	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	97	18921	1000.0	1000.0	
72 Dibromomethane	93	5.756	5.756	0.000	92	37247	20.0	17.6	
71 Methyl methacrylate	100	5.767	5.767	0.000	94	20145	40.0	31.7	
73 1,4-Dioxane	88	5.779	5.779	0.000	32	9632	400.0	393.7	
74 n-Propyl acetate	43	5.847	5.847	0.000	98	78129	20.0	16.6	
75 Dichlorobromomethane	83	5.962	5.962	0.000	97	85037	20.0	18.7	
76 2-Nitropropane	41	6.362	6.362	0.000	98	22596	40.0	27.2	a
77 2-Chloroethyl vinyl ether	63	6.396	6.396	0.000	94	31299	20.0	16.0	
78 Epichlorohydrin	57	6.499	6.499	0.000	100	90286	400.0	301.5	
79 cis-1,3-Dichloropropene	75	6.544	6.544	0.000	99	95087	20.0	18.6	
80 4-Methyl-2-pentanone (MIBK	43	6.762	6.762	0.000	98	268003	100.0	91.8	
\$ 81 Toluene-d8 (Surr)	98	6.796	6.796	0.000	98	395633	50.0	48.3	
82 Toluene	91	6.876	6.876	0.000	92	234862	20.0	18.8	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	97	79208	20.0	17.9	
84 Ethyl methacrylate	69	7.333	7.333	0.000	97	61160	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	92	40983	20.0	17.6	
85 Tetrachloroethene	166	7.459	7.459	0.000	97	57749	20.0	18.5	
87 1,3-Dichloropropane	76	7.630	7.630	0.000	98	80180	20.0	17.9	
88 2-Hexanone	43	7.722	7.722	0.000	99	153402	100.0	90.4	
89 Chlorodibromomethane	129	7.813	7.813	0.000	97	54035	20.0	18.2	
90 n-Butyl acetate	73	7.836	7.836	0.000	98	9996	20.0	15.5	
91 Ethylene Dibromide	107	7.916	7.916	0.000	98	46430	20.0	17.7	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	371461	50.0	50.0	
93 Chlorobenzene	112	8.362	8.362	0.000	93	143032	20.0	17.9	
94 Ethylbenzene	106	8.453	8.453	0.000	99	74269	20.0	18.3	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	95	57298	20.0	18.8	
96 m-Xylene & p-Xylene	106	8.556	8.556	0.000	0	94339	20.0	18.9	
97 o-Xylene	106	8.899	8.899	0.000	93	97270	20.0	19.1	
98 n-Butyl acrylate	73	8.922	8.922	0.000	96	30732	20.0	18.1	
99 Styrene	104	8.933	8.933	0.000	92	157428	20.0	18.4	
100 Bromoform	173	9.093	9.093	0.000	97	34658	20.0	18.2	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	90	85594	20.0	15.1	
102 Isopropylbenzene	105	9.196	9.196	0.000	97	237598	20.0	19.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	94	162902	50.0	47.8	
104 Bromobenzene	156	9.459	9.459	0.000	97	67215	20.0	17.7	
105 1,1,2,2-Tetrachloroethane	83	9.516	9.516	0.000	98	37541	20.0	12.9	
106 N-Propylbenzene	91	9.528	9.528	0.000	98	285362	20.0	18.8	
107 1,2,3-Trichloropropane	110	9.551	9.551	0.000	97	15730	20.0	17.4	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	85	23860	20.0	17.9	
109 2-Chlorotoluene	91	9.608	9.608	0.000	97	211605	20.0	18.6	
110 4-Ethyltoluene	105	9.619	9.619	0.000	97	251610	20.0	18.6	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	95	205681	20.0	18.7	
112 4-Chlorotoluene	91	9.699	9.699	0.000	99	207460	20.0	18.4	
113 Butyl Methacrylate	87	9.768	9.768	0.000	95	53272	20.0	11.9	
114 tert-Butylbenzene	91	9.905	9.905	0.000	92	110261	20.0	17.3	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	95	211275	20.0	18.7	
116 sec-Butylbenzene	105	10.076	10.076	0.000	98	214783	20.0	17.6	
117 1,3-Dichlorobenzene	146	10.179	10.179	0.000	97	126192	20.0	18.2	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	97	187573	20.0	18.2	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	95	215796	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	93	131706	20.0	17.7	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	99	226121	20.0	18.8	
122 Benzyl chloride	126	10.373	10.373	0.000	98	22902	20.0	15.5	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	93	246771	20.0	18.5	
124 p-Diethylbenzene	105	10.465	10.465	0.000	92	103950	20.0	17.8	
125 n-Butylbenzene	92	10.488	10.488	0.000	98	104261	20.0	18.5	
126 1,2-Dichlorobenzene	146	10.533	10.533	0.000	96	128527	20.0	18.4	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	189207	20.0	18.3	
128 1,2-Dibromo-3-Chloropropan	75	11.094	11.094	0.000	92	6873	20.0	13.1	
129 1,3,5-Trichlorobenzene	180	11.196	11.196	0.000	96	89362	20.0	17.9	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	94	84109	20.0	17.0	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	96	27697	20.0	15.1	
132 Naphthalene	128	11.814	11.814	0.000	99	197169	20.0	16.8	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	95	78827	20.0	17.2	
S 134 1,2-Dichloroethene, Total	100				0		40.0	33.0	
S 135 Xylenes, Total	100				0		40.0	38.0	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00078	Amount Added: 4.00	Units: uL	
MIX 1 Hi_00095	Amount Added: 2.00	Units: uL	
MIX 2 Hi_00072	Amount Added: 2.00	Units: uL	
Ethanol mix_00017	Amount Added: 2.00	Units: uL	
GAS Hi_00262	Amount Added: 2.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B32001.D

Injection Date: 09-Jul-2018 15:21:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: STD20

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

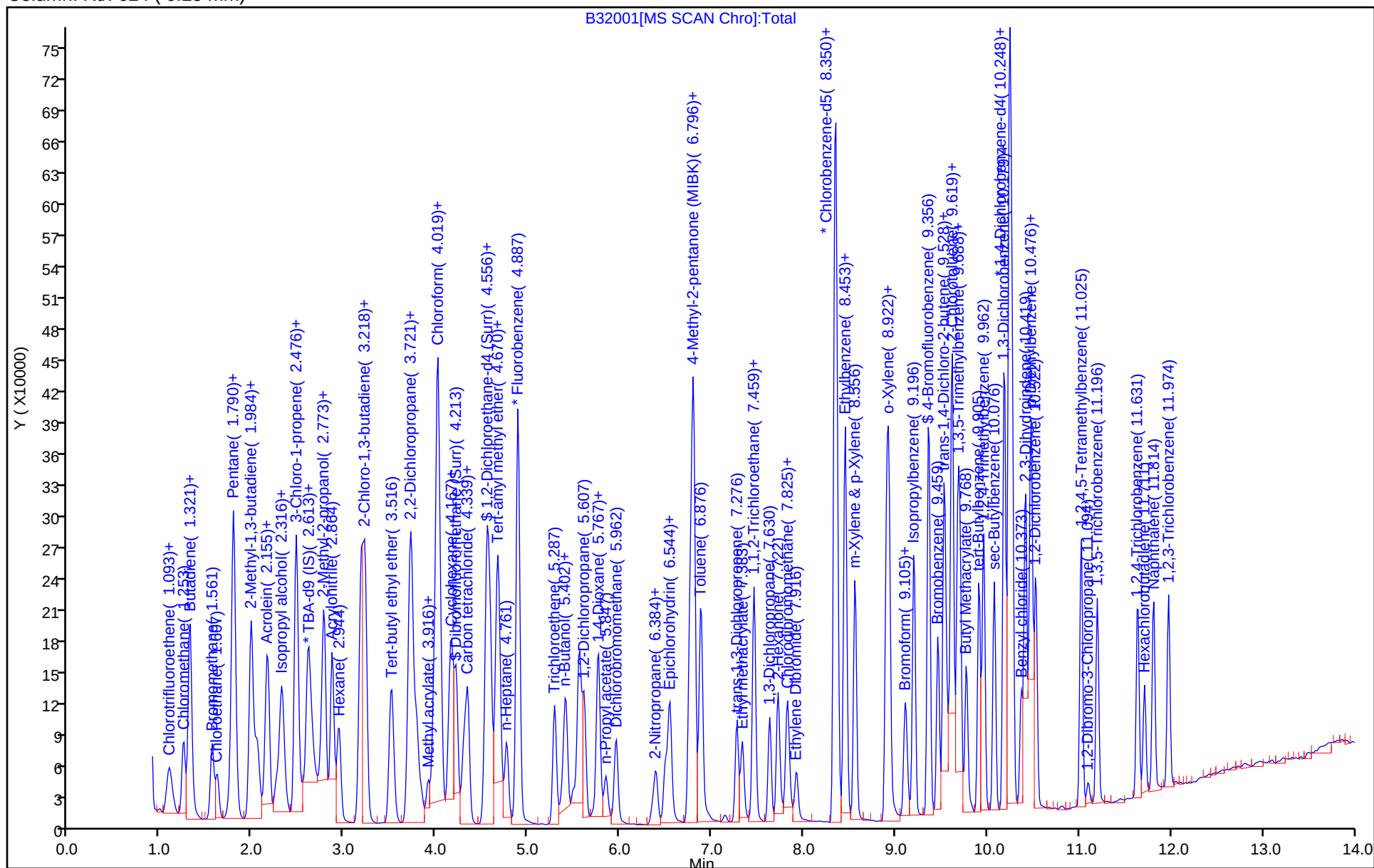
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B32001.D

Injection Date: 09-Jul-2018 15:21:30

Instrument ID: CVOAMS2

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

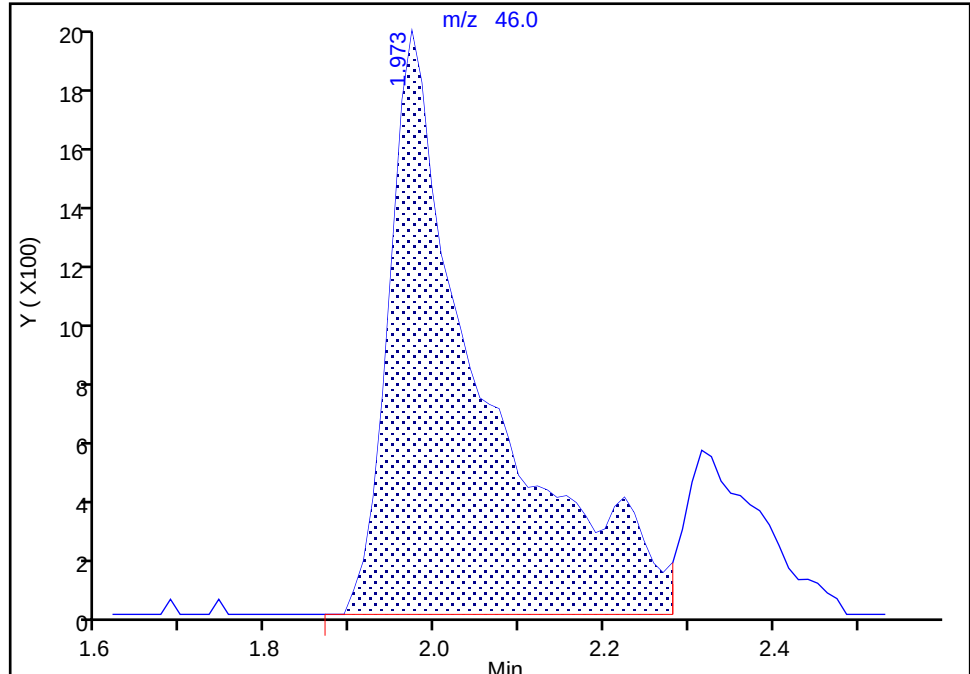
Detector: MS SCAN

11 Ethanol, CAS: 64-17-5

Signal: 1

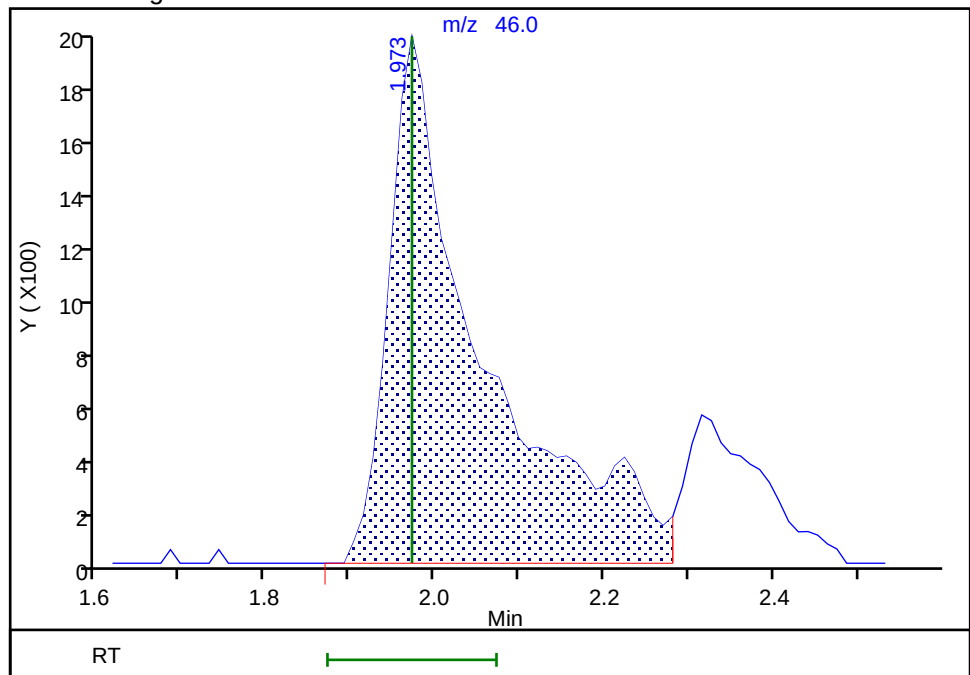
RT: 1.97
Area: 14835
Amount: 733.9278
Amount Units: ug/l

Processing Integration Results



RT: 1.97
Area: 14835
Amount: 762.3469
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 14:51:36

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B32001.D

Injection Date: 09-Jul-2018 15:21:30

Instrument ID: CVOAMS2

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

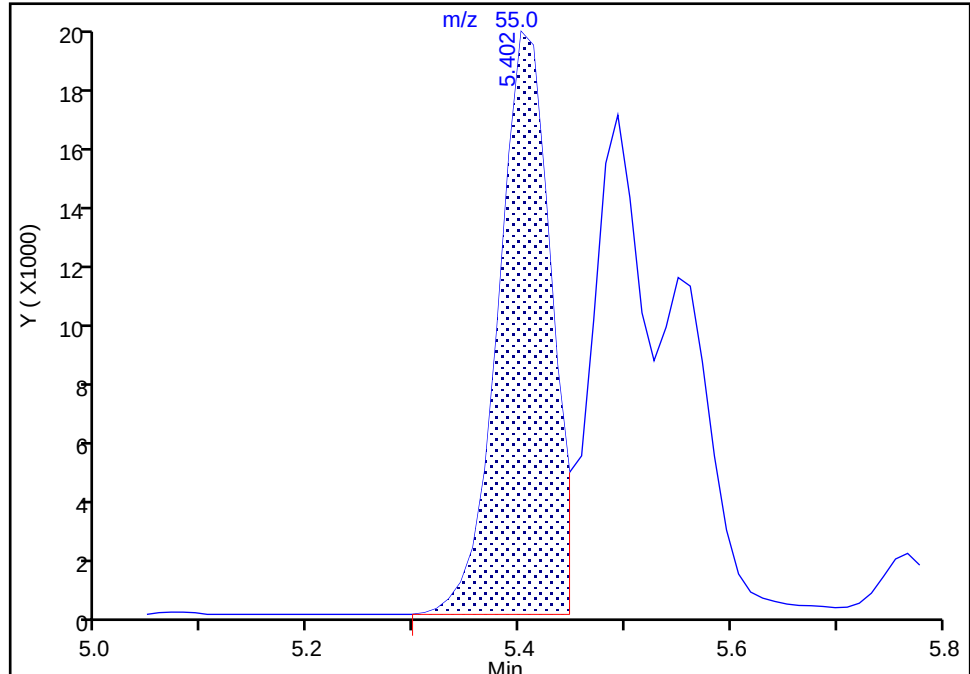
Detector: MS SCAN

67 Ethyl acrylate, CAS: 140-88-5

Signal: 1

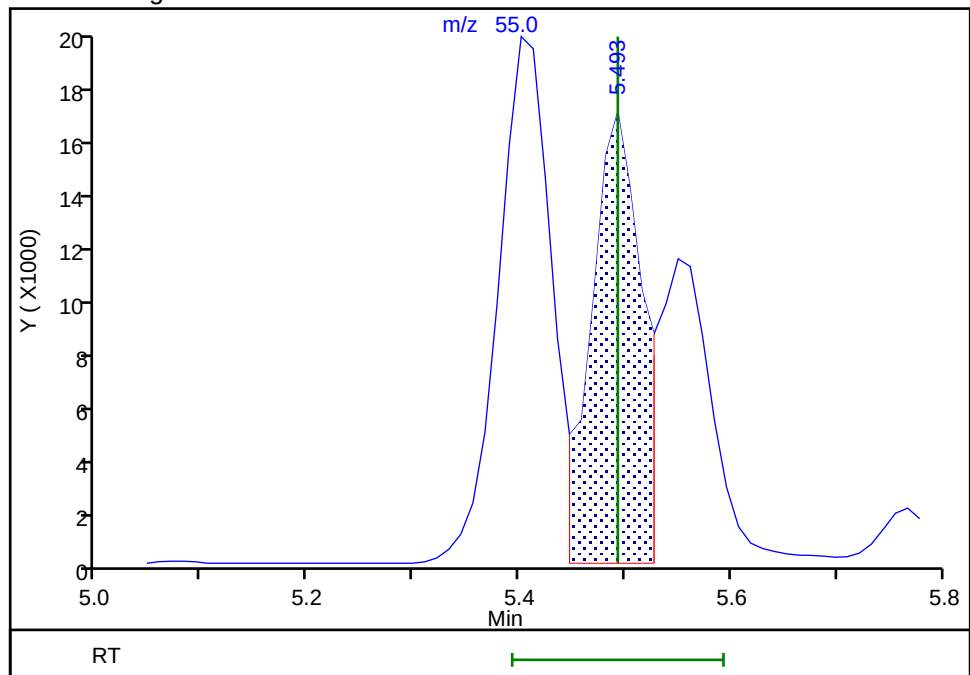
RT: 5.40
Area: 70158
Amount: 17.531359
Amount Units: ug/l

Processing Integration Results



RT: 5.49
Area: 59185
Amount: 15.295704
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 14:52:05

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B32001.D

Injection Date: 09-Jul-2018 15:21:30

Instrument ID: CVOAMS2

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

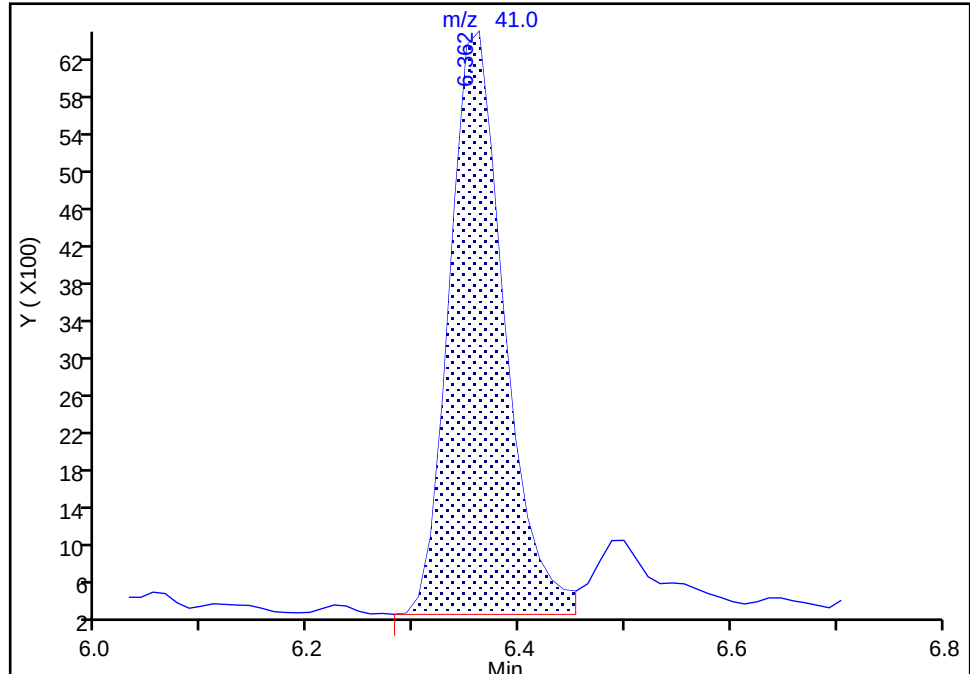
Detector: MS SCAN

76 2-Nitropropane, CAS: 79-46-9

Signal: 1

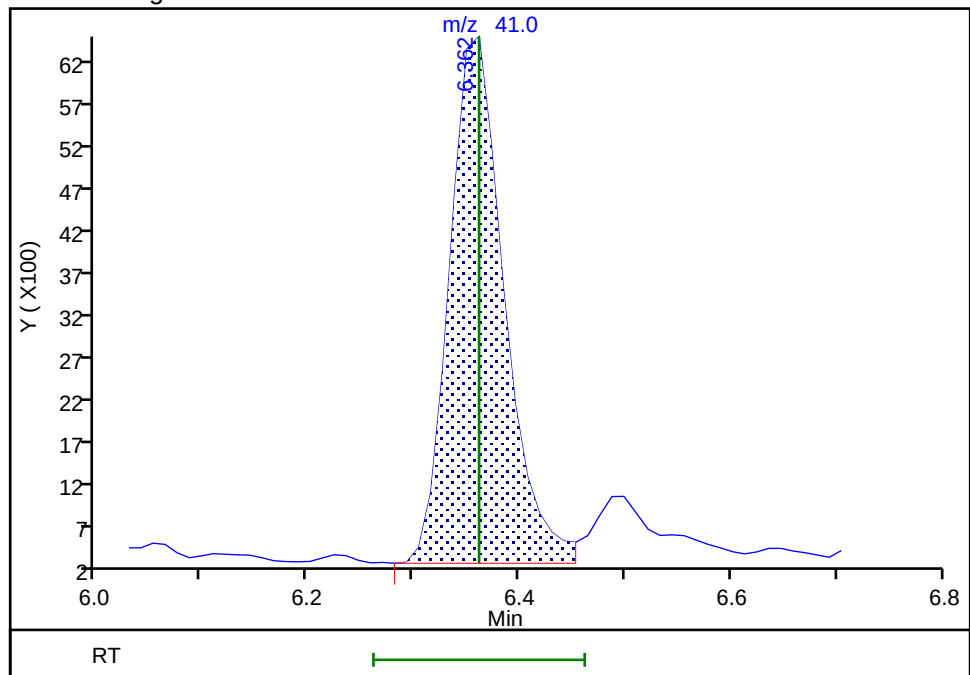
RT: 6.36
Area: 22596
Amount: 31.259742
Amount Units: ug/l

Processing Integration Results



RT: 6.36
Area: 22596
Amount: 27.174405
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 14:52:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B32002.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 09-Jul-2018 15:45:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0075127-007
 Operator ID: Instrument ID: CVOAMS2
 Sublist: chrom-8260W_2*sub60
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 16:30:19 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: martineze

Date: 09-Jul-2018 17:01:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.081	1.081	0.000	91	40480	50.0	51.8	
2 Dichlorodifluoromethane	85	1.104	1.104	0.000	99	257361	50.0	54.0	
3 Chloromethane	50	1.241	1.253	-0.012	98	327115	50.0	49.9	
4 Butadiene	54	1.310	1.310	0.000	97	251954	50.0	52.7	
5 Vinyl chloride	62	1.321	1.321	0.000	98	298309	50.0	52.2	
6 Bromomethane	94	1.561	1.561	0.000	99	187283	50.0	50.2	
7 Chloroethane	64	1.607	1.618	-0.011	100	145362	50.0	47.9	
10 Pentane	72	1.790	1.790	0.000	97	43615	100.0	97.6	
8 Trichlorofluoromethane	101	1.790	1.790	0.000	61	259478	50.0	52.0	
9 Dichlorofluoromethane	67	1.790	1.790	0.000	98	378126	50.0	50.7	
11 Ethanol	46	1.973	1.973	0.000	84	38825	2000.0	1922.6	
12 Ethyl ether	59	1.973	1.973	0.000	89	145432	50.0	50.6	
13 2-Methyl-1,3-butadiene	53	1.984	1.984	0.000	97	160122	50.0	51.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.053	2.053	0.000	97	137929	50.0	49.6	
15 Acrolein	56	2.133	2.133	0.000	95	52533	100.0	103.0	
17 1,1,2-Trichloro-1,2,2-trif	101	2.156	2.155	0.001	97	144696	50.0	48.6	
16 1,1-Dichloroethene	96	2.167	2.167	0.000	94	145834	50.0	48.5	
18 Acetone	43	2.258	2.258	0.000	85	228634	250.0	235.2	
19 Iodomethane	142	2.304	2.304	0.000	97	291144	50.0	49.2	
20 Carbon disulfide	76	2.327	2.327	0.000	100	573877	50.0	45.5	
21 Isopropyl alcohol	45	2.373	2.373	0.000	99	110660	500.0	498.4	
22 3-Chloro-1-propene	76	2.464	2.464	0.000	88	106362	50.0	47.8	
23 Cyclopentene	67	2.476	2.476	0.000	93	393616	50.0	50.2	
24 Methyl acetate	43	2.487	2.498	-0.011	99	256060	100.0	100.2	
25 Acetonitrile	41	2.544	2.556	-0.012	93	240641	500.0	423.0	
26 Methylene Chloride	84	2.601	2.601	0.000	98	186371	50.0	48.8	
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	263017	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.704	2.704	0.000	96	170993	500.0	469.3	
29 Methyl tert-butyl ether	73	2.761	2.761	0.000	98	468477	50.0	50.9	
30 trans-1,2-Dichloroethene	96	2.784	2.784	0.000	98	156124	50.0	42.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.864	2.864	0.000	93	595621	500.0	447.8	
32 Hexane	43	2.944	2.944	0.000	94	124132	50.0	44.8	
33 Isopropyl ether	45	3.173	3.184	-0.011	96	671841	50.0	51.1	
34 1,1-Dichloroethane	63	3.184	3.184	0.000	97	331014	50.0	50.1	
35 Vinyl acetate	86	3.219	3.218	0.000	100	49893	100.0	88.4	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	94	139245	50.0	48.8	
37 Tert-butyl ethyl ether	59	3.516	3.516	0.000	87	549837	50.0	49.7	
38 2,2-Dichloropropane	41	3.699	3.699	0.001	93	173162	50.0	53.4	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	309009	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.733	0.000	93	176031	50.0	48.1	
41 2-Butanone (MEK)	72	3.767	3.779	-0.011	97	74226	250.0	251.0	
42 Ethyl acetate	70	3.790	3.790	0.000	95	29499	100.0	94.1	
43 Methyl acrylate	85	3.836	3.836	0.000	98	18664	50.0	52.6	
44 Propionitrile	54	3.916	3.916	0.000	95	207625	500.0	493.6	
46 Chlorobromomethane	128	3.973	3.973	0.000	97	87208	50.0	45.3	
45 Tetrahydrofuran	72	3.973	3.973	0.000	69	34095	100.0	101.5	
47 Methacrylonitrile	67	4.019	4.019	0.000	96	575305	500.0	506.4	
48 Chloroform	83	4.053	4.053	0.000	97	282993	50.0	49.7	
49 Cyclohexane	84	4.156	4.156	0.000	96	186749	50.0	46.9	
50 1,1,1-Trichloroethane	97	4.179	4.179	0.000	97	226511	50.0	49.6	
\$ 51 Dibromofluoromethane (Surr	113	4.213	4.213	0.000	96	107965	50.0	50.5	
52 Carbon tetrachloride	117	4.304	4.304	0.000	96	187545	50.0	49.5	
53 1,1-Dichloropropene	75	4.339	4.339	0.000	94	209410	50.0	48.7	
54 Isooctane	57	4.544	4.544	0.000	97	317219	50.0	48.9	
56 Isobutyl alcohol	74	4.556	4.556	0.000	78	41106	1250.0	1155.4	
55 Benzene	78	4.556	4.556	0.000	98	627315	50.0	49.6	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	91	126342	50.0	52.1	
59 Tert-amyl methyl ether	73	4.659	4.659	0.000	91	520066	50.0	49.8	
60 1,2-Dichloroethane	62	4.670	4.670	0.000	96	214425	50.0	52.4	
61 Isopropyl acetate	61	4.682	4.681	0.001	98	81095	50.0	49.3	
62 n-Heptane	57	4.762	4.761	0.001	92	64484	50.0	41.2	
* 63 Fluorobenzene	96	4.887	4.887	0.000	98	501914	50.0	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	98	149532	50.0	49.5	
65 n-Butanol	43	5.356	5.390	-0.034	93	63974	1250.0	1289.7	
66 Methylcyclohexane	83	5.413	5.413	0.000	93	191327	50.0	48.9	
67 Ethyl acrylate	55	5.493	5.493	0.000	97	185970	50.0	51.3	
69 1,2-Dichloropropane	63	5.607	5.607	0.000	93	176611	50.0	50.7	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	96	20176	1000.0	1000.0	
72 Dibromomethane	93	5.756	5.756	0.000	95	99296	50.0	50.0	
71 Methyl methacrylate	100	5.767	5.767	0.000	95	60729	100.0	101.9	
73 1,4-Dioxane	88	5.767	5.779	-0.012	90	26904	1000.0	1077.1	
74 n-Propyl acetate	43	5.847	5.847	0.000	98	225861	50.0	51.2	
75 Dichlorobromomethane	83	5.962	5.962	0.000	99	211243	50.0	49.7	
76 2-Nitropropane	41	6.362	6.362	0.000	98	68288	100.0	88.8	
77 2-Chloroethyl vinyl ether	63	6.396	6.396	0.000	96	98119	50.0	53.4	
78 Epichlorohydrin	57	6.499	6.499	0.000	99	276347	1000.0	866.8	
79 cis-1,3-Dichloropropene	75	6.545	6.544	0.001	98	252172	50.0	50.8	
80 4-Methyl-2-pentanone (MIBK	43	6.762	6.762	0.000	98	792271	250.0	252.4	
\$ 81 Toluene-d8 (Surr)	98	6.796	6.796	0.000	98	394150	50.0	49.5	
82 Toluene	91	6.887	6.876	0.011	93	603664	50.0	49.8	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	98	216713	50.0	50.5	
84 Ethyl methacrylate	69	7.333	7.333	0.000	95	175382	50.0	52.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.459	7.459	0.000	97	147534	50.0	48.7	
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	93	116086	50.0	51.2	
87 1,3-Dichloropropane	76	7.630	7.630	0.000	98	215309	50.0	49.6	
88 2-Hexanone	43	7.722	7.722	0.000	99	485748	250.0	266.2	
89 Chlorodibromomethane	129	7.813	7.813	0.000	98	144697	50.0	50.3	
90 n-Butyl acetate	73	7.836	7.836	0.000	98	29223	50.0	46.8	
91 Ethylene Dibromide	107	7.916	7.916	0.000	99	122569	50.0	48.1	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	360584	50.0	50.0	
93 Chlorobenzene	112	8.362	8.362	0.000	91	382624	50.0	49.3	
94 Ethylbenzene	106	8.453	8.453	0.000	99	196939	50.0	49.9	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	95	143759	50.0	48.7	
96 m-Xylene & p-Xylene	106	8.556	8.556	0.000	0	242161	50.0	49.9	
97 o-Xylene	106	8.899	8.899	0.000	93	255830	50.0	51.9	
98 n-Butyl acrylate	73	8.922	8.922	0.000	95	81117	50.0	49.3	
99 Styrene	104	8.933	8.933	0.000	95	431534	50.0	51.8	
100 Bromoform	173	9.093	9.093	0.000	97	96001	50.0	52.0	
101 Amyl acetate (mixed isomer	43	9.116	9.116	0.000	87	222919	50.0	39.3	
102 Isopropylbenzene	105	9.196	9.196	0.000	97	621075	50.0	51.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	167544	50.0	50.6	
104 Bromobenzene	156	9.459	9.459	0.000	97	180363	50.0	47.9	
105 1,1,2,2-Tetrachloroethane	83	9.516	9.516	0.000	97	96234	50.0	33.5	
106 N-Propylbenzene	91	9.528	9.528	0.000	98	756429	50.0	50.3	
107 1,2,3-Trichloropropane	110	9.551	9.551	0.001	97	45069	50.0	50.4	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	84	69779	50.0	52.9	
109 2-Chlorotoluene	91	9.608	9.608	0.000	97	552014	50.0	49.1	
110 4-Ethyltoluene	105	9.619	9.619	0.000	98	665336	50.0	49.6	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	96	551184	50.0	50.5	
112 4-Chlorotoluene	91	9.699	9.699	0.000	99	549875	50.0	49.4	
113 Butyl Methacrylate	87	9.768	9.768	0.000	95	149052	50.0	33.9	
114 tert-Butylbenzene	91	9.905	9.905	0.000	93	295813	50.0	46.8	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	95	552150	50.0	49.4	
116 sec-Butylbenzene	105	10.076	10.076	0.000	99	607030	50.0	50.3	
117 1,3-Dichlorobenzene	146	10.179	10.179	0.000	96	341010	50.0	49.8	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	98	520763	50.0	51.1	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	95	213697	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	94	362761	50.0	49.3	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	98	624765	50.0	52.5	
122 Benzyl chloride	126	10.373	10.373	0.000	99	71870	50.0	49.0	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	93	658682	50.0	50.0	
124 p-Diethylbenzene	105	10.465	10.465	0.000	92	292378	50.0	50.6	
125 n-Butylbenzene	92	10.488	10.488	0.000	97	269230	50.0	48.2	
126 1,2-Dichlorobenzene	146	10.522	10.533	-0.011	96	347937	50.0	50.4	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	537175	50.0	52.4	
128 1,2-Dibromo-3-Chloropropan	75	11.094	11.094	0.000	93	16546	50.0	32.1	
129 1,3,5-Trichlorobenzene	180	11.196	11.196	0.000	97	243708	50.0	49.3	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	93	250972	50.0	51.3	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	97	76104	50.0	42.4	
132 Naphthalene	128	11.814	11.814	0.000	99	599531	50.0	51.5	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	95	230541	50.0	50.7	
S 134 1,2-Dichloroethene, Total	100				0		100.0	90.3	
S 135 Xylenes, Total	100				0		100.0	101.8	

Reagents:

Ethanol mix_00017	Amount Added: 5.00	Units: uL	
MIX 2 Hi_00072	Amount Added: 5.00	Units: uL	
MIX I Hi_00095	Amount Added: 5.00	Units: uL	
ACROLEIN W_00078	Amount Added: 10.00	Units: uL	
GAS Hi_00262	Amount Added: 5.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B32002.D

Injection Date: 09-Jul-2018 15:45:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: STD50

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

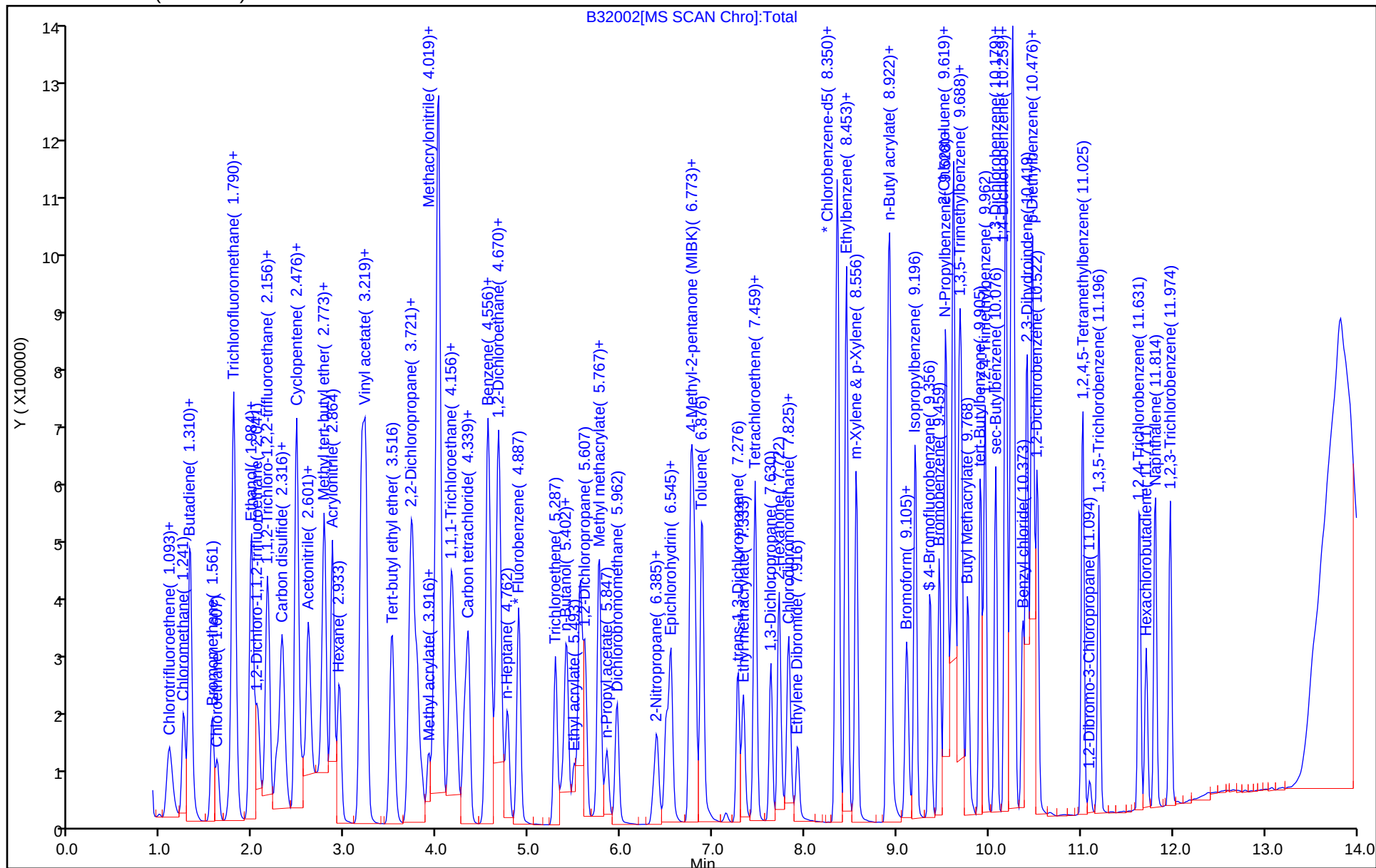
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B32003.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 09-Jul-2018 16:09:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0075127-008
 Operator ID: Instrument ID: CVOAMS2
 Sublist: chrom-8260W_2*sub60
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 16:30:46 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: martineze

Date: 09-Jul-2018 17:03:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.081	1.081	0.000	89	219831	200.0	228.0	
2 Dichlorodifluoromethane	85	1.104	1.104	0.000	99	1187966	200.0	201.8	
3 Chloromethane	50	1.253	1.253	0.000	99	1549944	200.0	191.3	
4 Butadiene	54	1.321	1.310	0.011	98	1135101	200.0	192.3	
5 Vinyl chloride	62	1.321	1.321	0.000	98	1365172	200.0	193.4	
6 Bromomethane	94	1.561	1.561	0.000	99	833520	200.0	180.9	
7 Chloroethane	64	1.618	1.618	0.000	100	669665	200.0	178.5	
9 Dichlorofluoromethane	67	1.790	1.790	0.000	98	1733037	200.0	188.3	
8 Trichlorofluoromethane	101	1.790	1.790	0.000	98	1191638	200.0	193.3	
10 Pentane	72	1.801	1.790	0.011	95	218818	400.0	398.6	
12 Ethyl ether	59	1.973	1.973	0.000	90	729240	200.0	205.5	
11 Ethanol	46	1.973	1.973	0.000	85	189593	8000.0	7640.2	
13 2-Methyl-1,3-butadiene	53	1.984	1.984	0.000	97	763278	200.0	199.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.053	2.053	0.000	97	684910	200.0	199.3	
15 Acrolein	56	2.133	2.133	0.000	94	135316	200.0	218.1	
17 1,1,2-Trichloro-1,2,2-trif	101	2.156	2.155	0.001	98	756225	200.0	205.8	
16 1,1-Dichloroethene	96	2.167	2.167	0.000	96	805079	200.0	216.7	
18 Acetone	43	2.259	2.258	0.001	90	1129504	1000.0	970.2	
19 Iodomethane	142	2.304	2.304	0.000	96	1601733	200.0	219.1	
20 Carbon disulfide	76	2.327	2.327	0.000	99	3205166	200.0	205.8	
21 Isopropyl alcohol	45	2.373	2.373	0.000	99	558356	2000.0	2046.5	
22 3-Chloro-1-propene	76	2.464	2.464	0.000	91	607255	200.0	221.0	
23 Cyclopentene	67	2.476	2.476	0.000	92	1950512	200.0	201.3	
24 Methyl acetate	43	2.487	2.498	-0.011	100	1220688	400.0	386.8	
25 Acetonitrile	41	2.544	2.556	-0.012	94	1252863	2000.0	2054.2	
26 Methylene Chloride	84	2.601	2.601	0.000	97	985475	200.0	209.1	
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	323205	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.704	2.704	0.000	96	883276	2000.0	1972.6	
29 Methyl tert-butyl ether	73	2.761	2.761	0.000	98	2417044	200.0	212.7	
30 trans-1,2-Dichloroethene	96	2.784	2.784	0.000	98	862377	200.0	204.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.864	2.864	0.000	94	3010403	2000.0	2038.1	
32 Hexane	43	2.944	2.944	0.000	93	645376	200.0	203.1	
34 1,1-Dichloroethane	63	3.184	3.184	0.000	99	1653730	200.0	202.7	
33 Isopropyl ether	45	3.184	3.184	0.000	92	3298624	200.0	203.3	
35 Vinyl acetate	86	3.230	3.218	0.012	100	301493	400.0	434.5	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	92	740092	200.0	210.1	
37 Tert-butyl ethyl ether	59	3.516	3.516	0.000	88	2853881	200.0	209.0	
38 2,2-Dichloropropane	41	3.710	3.699	0.012	96	808195	200.0	205.6	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	370147	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.733	0.000	96	955598	200.0	211.3	
41 2-Butanone (MEK)	72	3.767	3.779	-0.011	98	395586	1000.0	1116.9	
42 Ethyl acetate	70	3.790	3.790	0.000	95	163281	400.0	434.8	
43 Methyl acrylate	85	3.836	3.836	0.000	99	106628	200.0	243.5	
44 Propionitrile	54	3.916	3.916	0.000	94	1091340	2000.0	2111.2	
45 Tetrahydrofuran	72	3.973	3.973	0.000	63	175289	400.0	435.8	
46 Chlorobromomethane	128	3.973	3.973	0.000	97	446224	200.0	202.9	
47 Methacrylonitrile	67	4.019	4.019	0.000	95	3043771	2000.0	2169.7	
48 Chloroform	83	4.053	4.053	0.000	98	1429904	200.0	203.5	
49 Cyclohexane	84	4.156	4.156	0.000	94	1054760	200.0	214.3	
50 1,1,1-Trichloroethane	97	4.179	4.179	0.000	98	1146612	200.0	203.4	
\$ 51 Dibromofluoromethane (Surr	113	4.213	4.213	0.000	97	137378	50.0	52.0	
52 Carbon tetrachloride	117	4.304	4.304	0.000	98	944627	200.0	202.0	
53 1,1-Dichloropropene	75	4.339	4.339	0.000	95	1095972	200.0	206.6	
54 Isooctane	57	4.544	4.544	0.000	91	1672097	200.0	208.9	
55 Benzene	78	4.556	4.556	0.000	97	3349411	200.0	208.5	
56 Isobutyl alcohol	74	4.556	4.556	0.000	95	229398	5000.0	5247.3	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	69	155402	50.0	51.9	
59 Tert-amyl methyl ether	73	4.670	4.659	0.011	91	2695391	200.0	208.9	
60 1,2-Dichloroethane	62	4.670	4.670	0.000	95	1057977	200.0	210.9	
61 Isopropyl acetate	61	4.693	4.681	0.012	98	429133	200.0	211.2	
62 n-Heptane	57	4.773	4.761	0.012	96	372602	200.0	204.8	
* 63 Fluorobenzene	96	4.887	4.887	0.000	98	619721	50.0	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	98	799414	200.0	214.3	
65 n-Butanol	43	5.356	5.390	-0.034	87	349832	5000.0	5739.1	a
66 Methylcyclohexane	83	5.413	5.413	0.000	96	1060783	200.0	219.5	
67 Ethyl acrylate	55	5.493	5.493	0.000	96	1061716	200.0	237.3	
69 1,2-Dichloropropane	63	5.607	5.607	0.000	94	914938	200.0	212.7	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	95	31710	1000.0	1000.0	
72 Dibromomethane	93	5.756	5.756	0.000	95	513613	200.0	209.4	
71 Methyl methacrylate	100	5.767	5.767	0.000	94	357262	400.0	485.6	
73 1,4-Dioxane	88	5.767	5.779	-0.012	40	150867	4000.0	3915.9	
74 n-Propyl acetate	43	5.847	5.847	0.000	99	1180209	200.0	216.7	
75 Dichlorobromomethane	83	5.962	5.962	0.000	99	1130337	200.0	215.4	
76 2-Nitropropane	41	6.362	6.362	0.000	98	361531	400.0	407.3	
77 2-Chloroethyl vinyl ether	63	6.396	6.396	0.000	96	539193	200.0	237.7	
78 Epichlorohydrin	57	6.499	6.499	0.000	100	1469611	4000.0	4074.7	
79 cis-1,3-Dichloropropene	75	6.545	6.544	0.001	94	1367653	200.0	216.9	
80 4-Methyl-2-pentanone (MIBK	43	6.762	6.762	0.000	98	3987851	1000.0	1060.8	
\$ 81 Toluene-d8 (Surr)	98	6.808	6.796	0.012	98	543075	50.0	53.7	
82 Toluene	91	6.888	6.876	0.012	93	3247263	200.0	210.6	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	99	1194405	200.0	219.1	
84 Ethyl methacrylate	69	7.333	7.333	0.000	93	1005185	200.0	236.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	95	626972	200.0	217.7	
85 Tetrachloroethene	166	7.459	7.459	0.000	99	800356	200.0	207.9	
87 1,3-Dichloropropane	76	7.630	7.630	0.000	97	1162339	200.0	210.7	
88 2-Hexanone	43	7.722	7.722	0.000	99	2536905	1000.0	1160.8	
89 Chlorodibromomethane	129	7.813	7.813	0.000	99	802624	200.0	219.6	
90 n-Butyl acetate	73	7.836	7.836	0.000	99	174395	200.0	219.8	
91 Ethylene Dibromide	107	7.916	7.916	0.000	99	684072	200.0	211.4	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	89	458133	50.0	50.0	
93 Chlorobenzene	112	8.362	8.362	0.000	92	2069709	200.0	209.7	
94 Ethylbenzene	106	8.453	8.453	0.000	99	1100912	200.0	219.7	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	97	791089	200.0	211.0	
96 m-Xylene & p-Xylene	106	8.556	8.556	0.000	0	1352550	200.0	219.5	
97 o-Xylene	106	8.899	8.899	0.000	93	1393649	200.0	222.4	
98 n-Butyl acrylate	73	8.922	8.922	0.000	96	541367	200.0	259.0	
99 Styrene	104	8.933	8.933	0.000	93	2343994	200.0	221.6	
100 Bromoform	173	9.094	9.093	0.001	97	538332	200.0	229.6	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	88	1494705	200.0	227.2	
102 Isopropylbenzene	105	9.196	9.196	0.000	97	3273194	200.0	211.7	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	94	220166	50.0	52.4	
104 Bromobenzene	156	9.459	9.459	0.000	97	946646	200.0	217.4	
105 1,1,2,2-Tetrachloroethane	83	9.528	9.516	0.012	98	668643	200.0	207.9	
106 N-Propylbenzene	91	9.528	9.528	0.000	99	3947242	200.0	227.1	
107 1,2,3-Trichloropropane	110	9.551	9.551	0.001	97	228215	200.0	220.6	
108 trans-1,4-Dichloro-2-buten	53	9.574	9.573	0.001	74	345422	200.0	226.6	
109 2-Chlorotoluene	91	9.608	9.608	0.000	97	2920125	200.0	224.6	
110 4-Ethyltoluene	105	9.619	9.619	0.000	97	3424099	200.0	220.5	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	94	2897531	200.0	229.7	
112 4-Chlorotoluene	91	9.699	9.699	0.000	99	2842520	200.0	220.6	
113 Butyl Methacrylate	87	9.768	9.768	0.000	94	1029539	200.0	207.9	
114 tert-Butylbenzene	91	9.905	9.905	0.000	93	1575297	200.0	215.4	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	98	2888000	200.0	223.4	
116 sec-Butylbenzene	105	10.076	10.076	0.000	99	3108458	200.0	222.8	
117 1,3-Dichlorobenzene	146	10.179	10.179	0.000	96	1772768	200.0	223.7	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	98	2708683	200.0	229.7	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	89	247128	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	94	1821667	200.0	214.1	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	98	3123693	200.0	227.0	
122 Benzyl chloride	126	10.374	10.373	0.001	99	369297	200.0	217.9	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	93	3315604	200.0	217.6	
124 p-Diethylbenzene	105	10.465	10.465	0.000	92	1397147	200.0	208.9	
125 n-Butylbenzene	92	10.488	10.488	0.000	97	1381065	200.0	214.0	
126 1,2-Dichlorobenzene	146	10.522	10.533	-0.011	96	1723581	200.0	215.7	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	98	2683836	200.0	226.5	
128 1,2-Dibromo-3-Chloropropan	75	11.094	11.094	0.000	95	118188	200.0	208.7	
129 1,3,5-Trichlorobenzene	180	11.197	11.196	0.001	97	1247484	200.0	218.3	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	93	1236065	200.0	218.4	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	98	389399	200.0	204.4	
132 Naphthalene	128	11.814	11.814	0.000	99	3035532	200.0	225.7	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	95	1151441	200.0	218.8	
S 134 1,2-Dichloroethene, Total	100				0		400.0	415.6	
S 135 Xylenes, Total	100				0		400.0	441.9	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

Ethanol mix_00017	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00072	Amount Added: 20.00	Units: uL	
MIX I Hi_00095	Amount Added: 20.00	Units: uL	
ACROLEIN W_00078	Amount Added: 20.00	Units: uL	
GAS Hi_00262	Amount Added: 20.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B32003.D

Injection Date: 09-Jul-2018 16:09:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

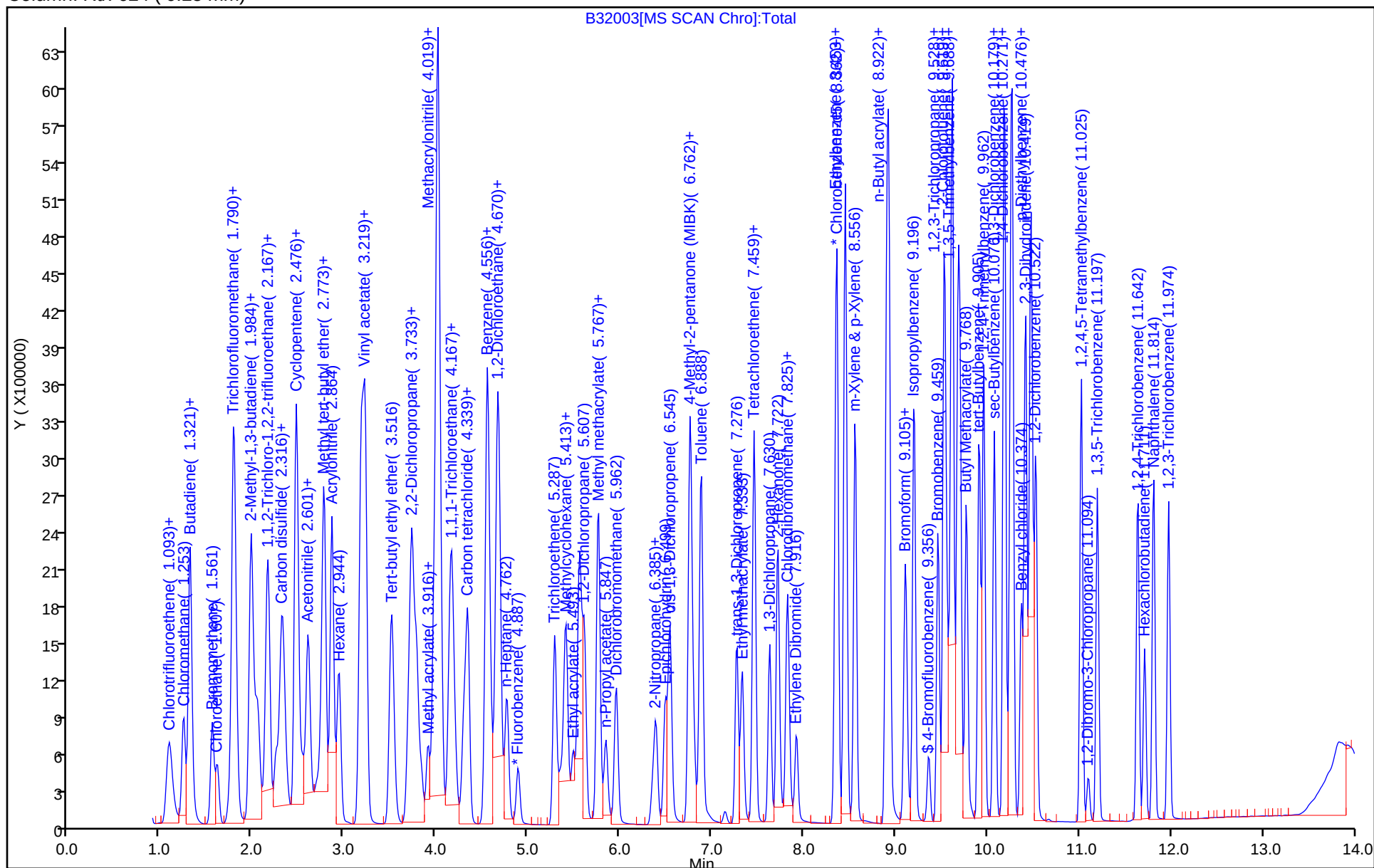
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B32003.D

Injection Date: 09-Jul-2018 16:09:30

Instrument ID: CVOAMS2

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

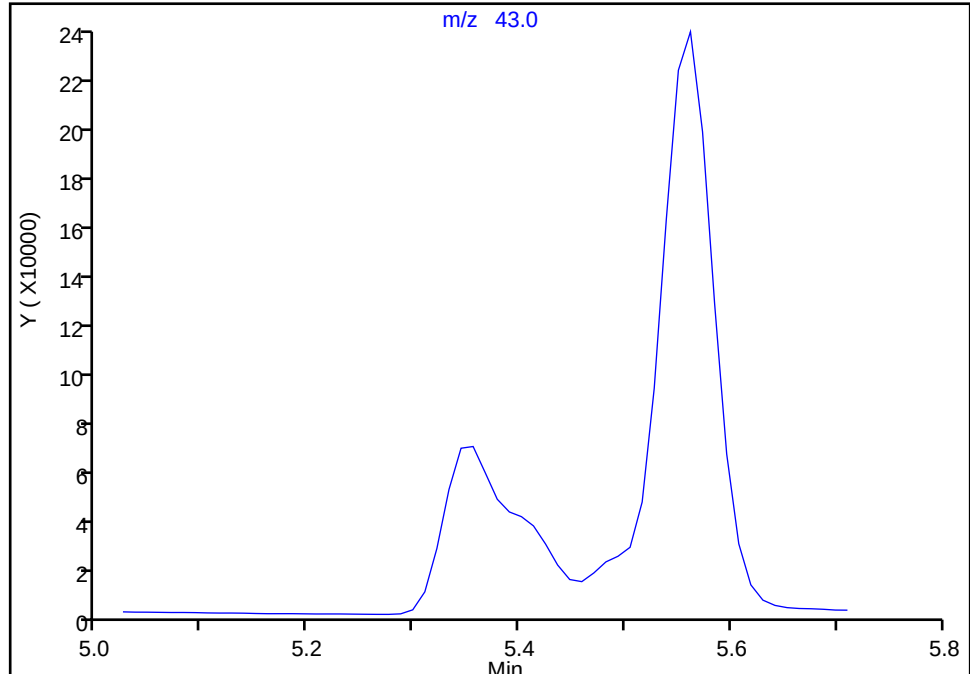
65 n-Butanol, CAS: 71-36-3

Signal: 1

Not Detected

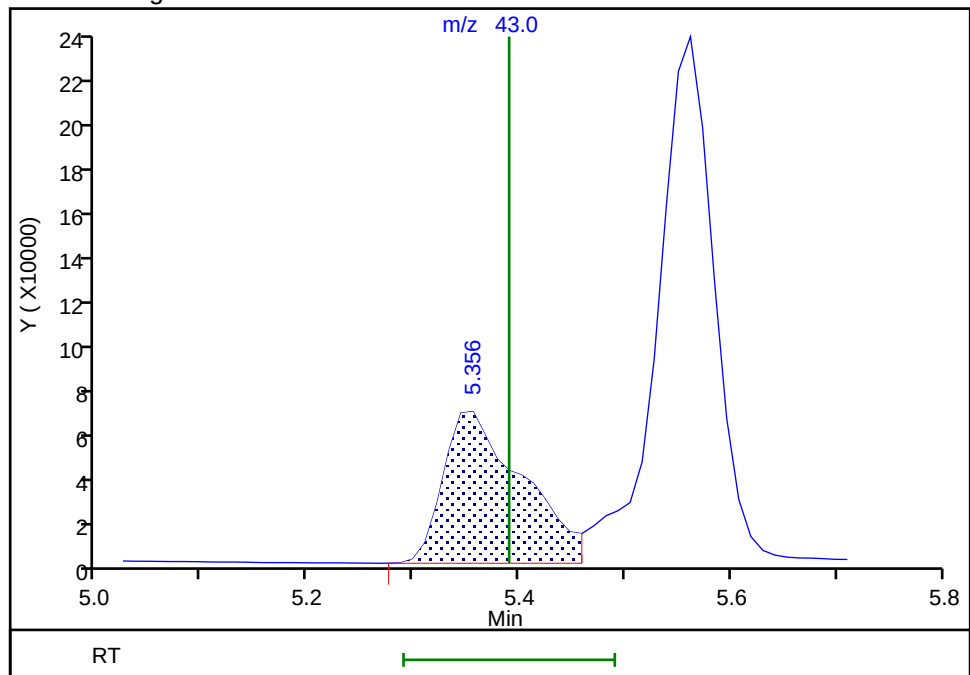
Expected RT: 5.39

Processing Integration Results



RT: 5.36
Area: 349832
Amount: 5739.0508
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 15:06:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B32004.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 09-Jul-2018 16:33:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0075127-009
 Operator ID: Instrument ID: CVOAMS2
 Sublist: chrom-8260W_2*sub60
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 16:31:15 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: martineze

Date: 09-Jul-2018 17:07:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.070	1.081	-0.011	90	589973	500.0	495.5	
2 Dichlorodifluoromethane	85	1.093	1.104	-0.011	100	3294262	500.0	453.2	
3 Chloromethane	50	1.241	1.253	-0.012	99	3844436	500.0	384.3	
4 Butadiene	54	1.310	1.310	0.000	98	2893547	500.0	396.9	
5 Vinyl chloride	62	1.321	1.321	0.000	99	3456013	500.0	396.4	
6 Bromomethane	94	1.550	1.561	-0.011	99	1792655	500.0	315.1	
7 Chloroethane	64	1.607	1.618	-0.011	100	1453277	500.0	313.8	
10 Pentane	72	1.801	1.790	0.011	95	568295	1000.0	930.4	
8 Trichlorofluoromethane	101	1.790	1.790	0.000	98	3040226	500.0	399.5	
9 Dichlorofluoromethane	67	1.778	1.790	-0.012	98	4069512	500.0	358.0	
11 Ethanol	46	1.973	1.973	0.000	83	440324	20000	15946	
12 Ethyl ether	59	1.973	1.973	0.000	87	1820995	500.0	415.5	
13 2-Methyl-1,3-butadiene	53	1.984	1.984	0.000	98	2000491	500.0	422.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.053	2.053	0.000	97	1860799	500.0	438.4	
15 Acrolein	56	2.133	2.133	0.000	95	272890	400.0	397.0	
17 1,1,2-Trichloro-1,2,2-trif	101	2.156	2.155	0.001	98	2052247	500.0	452.3	
16 1,1-Dichloroethene	96	2.167	2.167	0.000	97	2145614	500.0	467.7	
18 Acetone	43	2.247	2.258	-0.011	86	2759890	2500.0	2066.7	
19 Iodomethane	142	2.304	2.304	0.000	96	4177690	500.0	462.7	
20 Carbon disulfide	76	2.327	2.327	0.000	99	8289792	500.0	431.0	
21 Isopropyl alcohol	45	2.373	2.373	0.000	97	1333509	5000.0	4392.3	
22 3-Chloro-1-propene	76	2.464	2.464	0.000	97	1491581	500.0	439.5	
23 Cyclopentene	67	2.476	2.476	0.000	92	5172125	500.0	432.3	
24 Methyl acetate	43	2.487	2.498	-0.011	99	2971432	1000.0	762.5	
25 Acetonitrile	41	2.544	2.556	-0.012	96	2729319	5000.0	4976.8	a
26 Methylene Chloride	84	2.601	2.601	0.000	97	2533143	500.0	435.3	
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	359647	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.704	2.704	0.000	98	2188744	5000.0	4392.8	
29 Methyl tert-butyl ether	73	2.761	2.761	0.000	97	5956104	500.0	424.4	
30 trans-1,2-Dichloroethene	96	2.773	2.784	-0.011	97	2217887	500.0	499.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.864	2.864	0.000	94	7212313	5000.0	4989.7	
32 Hexane	43	2.933	2.944	-0.011	93	1675025	500.0	499.4	
33 Isopropyl ether	45	3.173	3.184	-0.011	98	7967241	500.0	397.6	
34 1,1-Dichloroethane	63	3.184	3.184	0.000	99	4117962	500.0	408.7	
35 Vinyl acetate	86	3.219	3.218	0.001	100	761360	1000.0	986.0	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	92	1948193	500.0	447.8	
37 Tert-butyl ethyl ether	59	3.504	3.516	-0.012	88	7087800	500.0	420.4	
38 2,2-Dichloropropane	41	3.710	3.699	0.012	96	2034880	500.0	420.7	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	424595	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.733	0.000	97	2482777	500.0	444.6	
41 2-Butanone (MEK)	72	3.767	3.779	-0.011	99	1028638	2500.0	2531.9	
42 Ethyl acetate	70	3.790	3.790	0.000	96	416447	1000.0	966.8	
43 Methyl acrylate	85	3.836	3.836	0.000	99	274462	500.0	507.6	
44 Propionitrile	54	3.916	3.916	0.000	98	2694386	5000.0	4684.2	
46 Chlorobromomethane	128	3.973	3.973	0.000	96	1152848	500.0	499.4	
45 Tetrahydrofuran	72	3.973	3.973	0.000	96	442353	1000.0	958.8	
47 Methacrylonitrile	67	4.019	4.019	0.000	93	7362238	5000.0	4249.8	
48 Chloroform	83	4.053	4.053	0.000	98	3685413	500.0	424.8	
49 Cyclohexane	84	4.156	4.156	0.000	93	2903754	500.0	477.8	
50 1,1,1-Trichloroethane	97	4.179	4.179	0.000	98	2993311	500.0	430.1	
\$ 51 Dibromofluoromethane (Surr	113	4.213	4.213	0.000	98	144533	50.0	44.3	
52 Carbon tetrachloride	117	4.304	4.304	0.000	98	2485252	500.0	430.4	
53 1,1-Dichloropropene	75	4.339	4.339	0.000	95	2885150	500.0	440.4	
54 Isooctane	57	4.544	4.544	0.000	91	4689170	500.0	474.4	
56 Isobutyl alcohol	74	4.556	4.556	0.000	95	583331	12500	11991	
55 Benzene	78	4.556	4.556	0.000	98	8506890	500.0	423.8	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	65	169457	50.0	45.8	
59 Tert-amyl methyl ether	73	4.670	4.659	0.011	91	7038602	500.0	441.6	
60 1,2-Dichloroethane	62	4.670	4.670	0.000	96	2675866	500.0	432.5	
61 Isopropyl acetate	61	4.693	4.681	0.012	98	1095098	500.0	436.5	
62 n-Heptane	57	4.762	4.761	0.001	97	994774	500.0	499.1	
* 63 Fluorobenzene	96	4.887	4.887	0.000	98	765299	50.0	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	99	2146687	500.0	466.0	
65 n-Butanol	43	5.344	5.390	-0.046	87	920014	12500	13564	a
66 Methylcyclohexane	83	5.413	5.413	0.000	96	2926656	500.0	490.4	
67 Ethyl acrylate	55	5.493	5.493	0.000	97	2781403	500.0	503.5	
69 1,2-Dichloropropane	63	5.607	5.607	0.000	94	2353200	500.0	443.0	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	96	42605	1000.0	1000.0	
72 Dibromomethane	93	5.756	5.756	0.000	95	1304045	500.0	430.6	
71 Methyl methacrylate	100	5.767	5.767	0.000	93	926102	1000.0	1019.3	
73 1,4-Dioxane	88	5.767	5.779	-0.012	83	389590	10000	7552.3	
74 n-Propyl acetate	43	5.847	5.847	0.000	99	2913031	500.0	433.1	
75 Dichlorobromomethane	83	5.962	5.962	0.000	99	2916261	500.0	450.1	
76 2-Nitropropane	41	6.362	6.362	0.000	98	952992	1000.0	998.6	
77 2-Chloroethyl vinyl ether	63	6.396	6.396	0.000	96	1384908	500.0	494.3	
78 Epichlorohydrin	57	6.499	6.499	0.000	100	3684062	10000	9986.6	
79 cis-1,3-Dichloropropene	75	6.545	6.544	0.001	93	3536418	500.0	448.8	
80 4-Methyl-2-pentanone (MIBK	43	6.762	6.762	0.000	98	9563053	2500.0	2217.5	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.796	0.011	97	583902	50.0	46.2	
82 Toluene	91	6.887	6.876	0.011	94	8214660	500.0	426.5	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	99	3029831	500.0	444.9	
84 Ethyl methacrylate	69	7.333	7.333	0.000	92	2666951	500.0	502.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.459	7.459	0.000	99	2129382	500.0	442.6	
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	97	1611922	500.0	448.0	
87 1,3-Dichloropropane	76	7.630	7.630	0.000	97	2998267	500.0	435.0	
88 2-Hexanone	43	7.722	7.722	0.000	97	6299205	2500.0	2512.8	
89 Chlorodibromomethane	129	7.813	7.813	0.000	99	2114005	500.0	462.9	
90 n-Butyl acetate	73	7.836	7.836	0.000	99	456395	500.0	460.2	
91 Ethylene Dibromide	107	7.928	7.916	0.012	99	1793608	500.0	443.6	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	572457	50.0	50.0	
93 Chlorobenzene	112	8.362	8.362	0.000	91	5319539	500.0	431.3	
94 Ethylbenzene	106	8.453	8.453	0.000	98	2907530	500.0	464.5	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	97	2078843	500.0	443.8	
96 m-Xylene & p-Xylene	106	8.556	8.556	0.000	0	3622820	500.0	470.6	
97 o-Xylene	106	8.899	8.899	0.000	94	3647345	500.0	465.8	
98 n-Butyl acrylate	73	8.922	8.922	0.000	97	1532063	500.0	586.5	
99 Styrene	104	8.933	8.933	0.000	93	5963390	500.0	451.2	
100 Bromoform	173	9.093	9.093	0.000	98	1446743	500.0	493.8	
101 Amyl acetate (mixed isomer	43	9.116	9.116	0.000	89	4152156	500.0	490.4	
102 Isopropylbenzene	105	9.208	9.196	0.012	97	8123069	500.0	420.5	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	244445	50.0	46.5	
104 Bromobenzene	156	9.459	9.459	0.000	97	2538463	500.0	453.2	
105 1,1,2,2-Tetrachloroethane	83	9.528	9.516	0.012	99	1947827	500.0	498.8	
106 N-Propylbenzene	91	9.528	9.528	0.000	99	9229533	500.0	412.8	
107 1,2,3-Trichloropropane	110	9.551	9.551	0.001	98	593231	500.0	445.8	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	79	747406	500.0	381.2	
109 2-Chlorotoluene	91	9.608	9.608	0.000	97	7299097	500.0	436.4	
110 4-Ethyltoluene	105	9.619	9.619	0.000	98	8343359	500.0	417.8	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	95	7381175	500.0	455.0	
112 4-Chlorotoluene	91	9.699	9.699	0.000	98	7225161	500.0	436.0	
113 Butyl Methacrylate	87	9.768	9.768	0.000	92	3032531	500.0	498.8	
114 tert-Butylbenzene	91	9.916	9.905	0.011	95	4147978	500.0	441.0	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	98	7117784	500.0	428.1	
116 sec-Butylbenzene	105	10.076	10.076	0.000	97	7598800	500.0	423.4	
117 1,3-Dichlorobenzene	146	10.179	10.179	0.000	95	4401964	500.0	431.8	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	97	6802388	500.0	448.4	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	80	317853	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	94	4606355	500.0	420.9	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	97	7707424	500.0	435.5	
122 Benzyl chloride	126	10.374	10.373	0.001	99	986624	500.0	452.7	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	95	7934107	500.0	404.9	
124 p-Diethylbenzene	105	10.465	10.465	0.000	92	3846025	500.0	447.1	
125 n-Butylbenzene	92	10.488	10.488	0.000	98	3628425	500.0	437.1	
126 1,2-Dichlorobenzene	146	10.534	10.533	0.001	96	4585372	500.0	446.2	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	98	6591241	500.0	432.5	
128 1,2-Dibromo-3-Chloropropan	75	11.105	11.094	0.011	95	331301	500.0	498.5	
129 1,3,5-Trichlorobenzene	180	11.196	11.196	0.000	97	3199786	500.0	435.4	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	94	3243694	500.0	445.6	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	98	1023849	500.0	499.0	
132 Naphthalene	128	11.814	11.814	0.000	98	7154589	500.0	413.6	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	95	2920144	500.0	431.3	
S 134 1,2-Dichloroethene, Total	100				0		1000.0	943.7	
S 135 Xylenes, Total	100				0		1000.0	936.4	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

Ethanol mix_00017	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00072	Amount Added: 50.00	Units: uL	
MIX I Hi_00095	Amount Added: 50.00	Units: uL	
ACROLEIN W_00078	Amount Added: 40.00	Units: uL	
GAS Hi_00262	Amount Added: 50.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\B32004.D

Injection Date: 09-Jul-2018 16:33:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: STD500

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

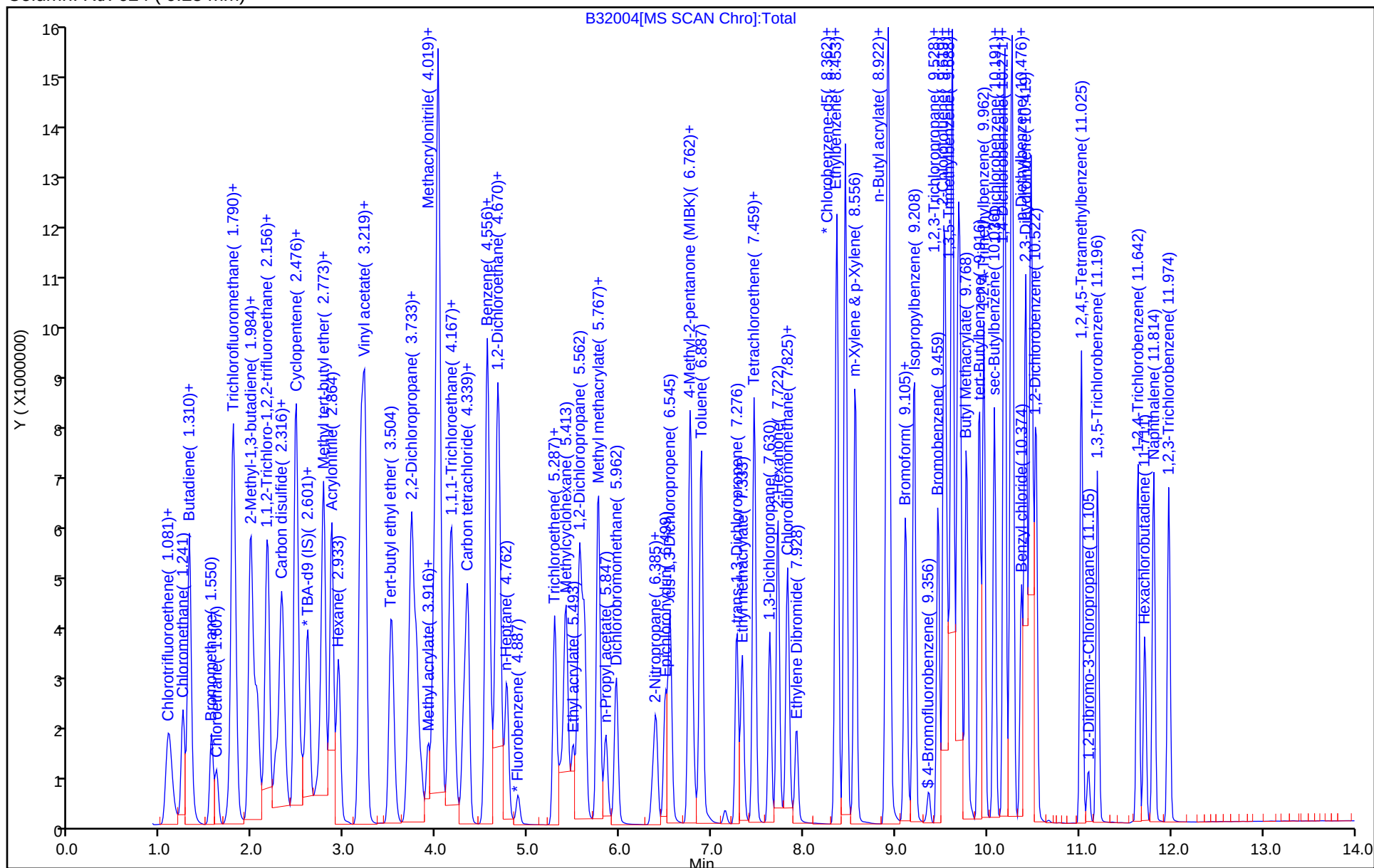
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B32004.D

Injection Date: 09-Jul-2018 16:33:30

Instrument ID: CVOAMS2

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

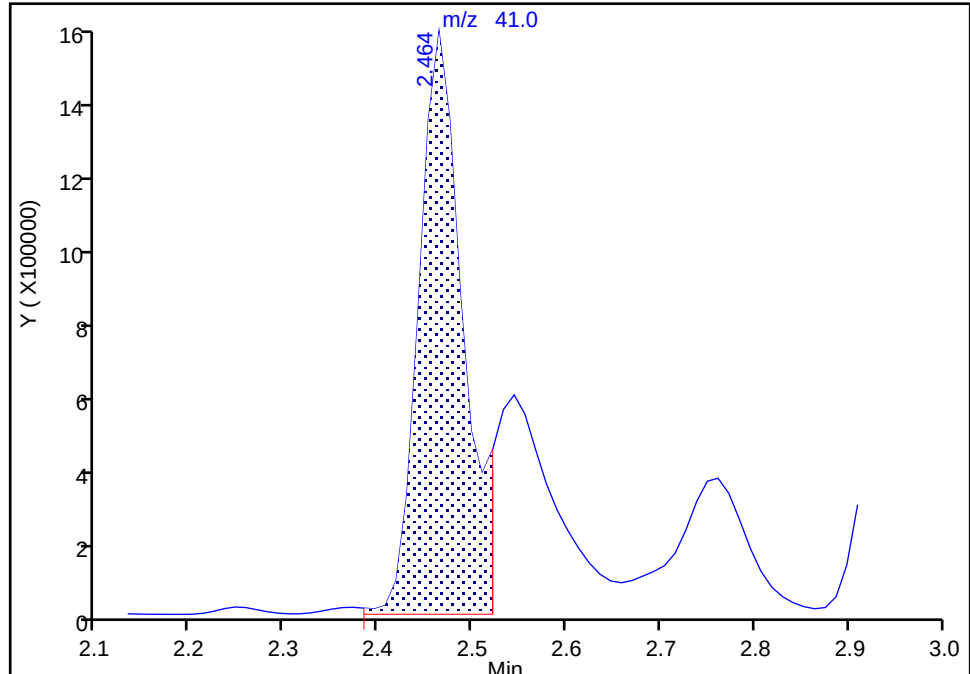
Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

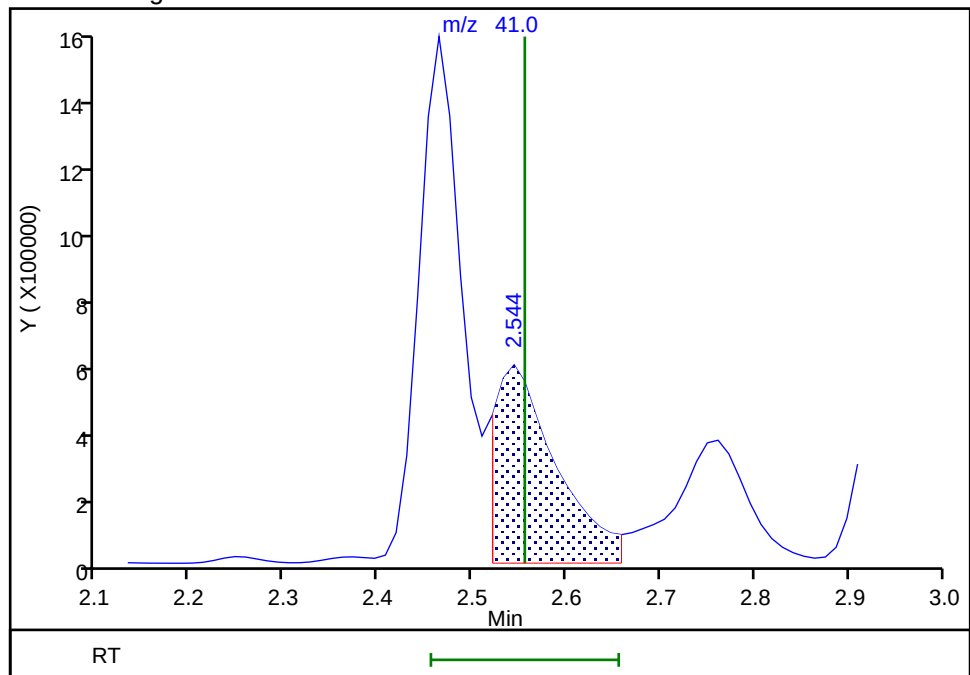
RT: 2.46
Area: 5198162
Amount: 5001.3551
Amount Units: ug/l

Processing Integration Results



RT: 2.54
Area: 2729319
Amount: 4976.8391
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 15:07:03

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B32004.D

Injection Date: 09-Jul-2018 16:33:30

Instrument ID: CVOAMS2

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

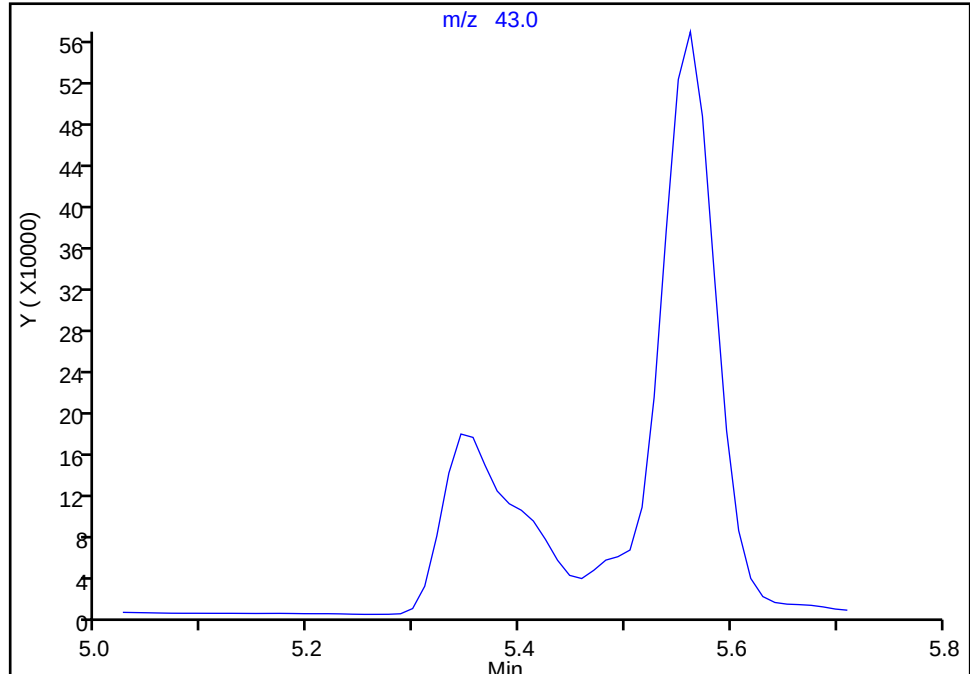
65 n-Butanol, CAS: 71-36-3

Signal: 1

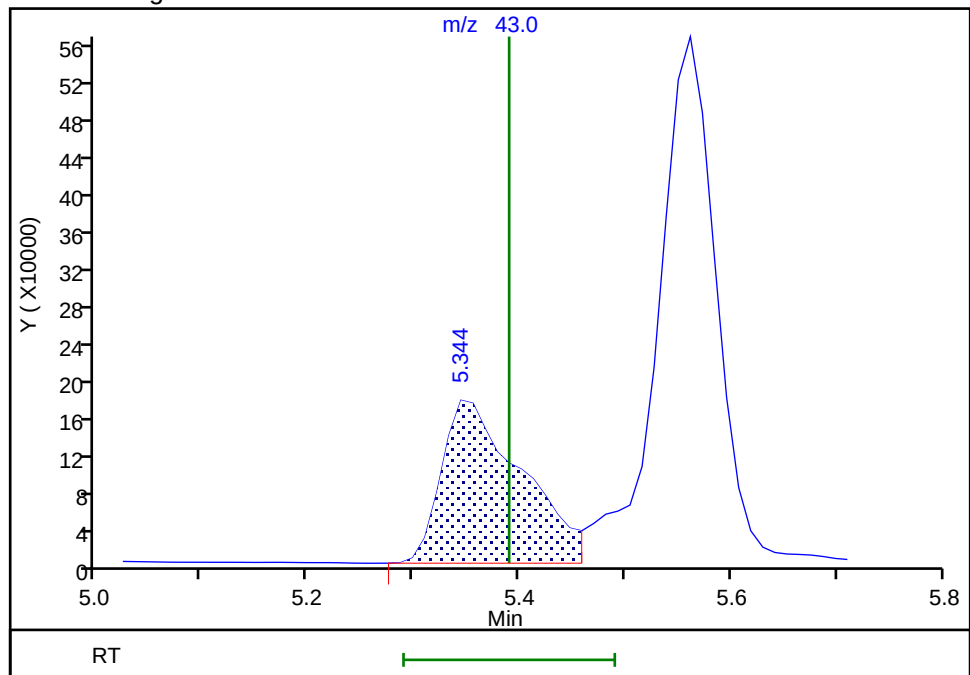
Not Detected

Expected RT: 5.39

Processing Integration Results



Manual Integration Results



RT: 5.34

Area: 920014

Amount: 13564

Amount Units: ug/l

Reviewer: delpolitov, 10-Jul-2018 15:07:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 09-Jul-2018 21:16:30 ALS Bottle#: 18 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0075127-016
 Operator ID: Instrument ID: CVOAMS2
 Sublist: chrom-8260W_2*sub60
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 16:31:40 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: boykink

Date: 09-Jul-2018 23:08:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.081	1.081	0.000	83	729	1.00	0.8614	
2 Dichlorodifluoromethane	85	1.093	1.104	-0.011	95	5376	1.00	1.04	
3 Chloromethane	50	1.241	1.253	-0.012	98	8941	1.00	1.26	
4 Butadiene	54	1.310	1.310	0.000	93	6067	1.00	1.17	
5 Vinyl chloride	62	1.310	1.321	-0.011	88	7128	1.00	1.15	
6 Bromomethane	94	1.550	1.561	-0.011	93	4561	1.00	1.13	
7 Chloroethane	64	1.607	1.618	-0.011	97	4005	1.00	1.22	
9 Dichlorofluoromethane	67	1.778	1.790	-0.012	97	10431	1.00	1.29	
8 Trichlorofluoromethane	101	1.790	1.790	0.000	54	6137	1.00	1.13	
10 Pentane	72	1.790	1.790	0.000	98	1132	2.00	2.15	
12 Ethyl ether	59	1.973	1.973	0.000	79	3914	1.00	1.26	
11 Ethanol	46	1.973	1.973	0.000	83	1313	40.0	55.1	M
13 2-Methyl-1,3-butadiene	53	1.973	1.984	-0.011	87	4066	1.00	1.21	M
14 1,2-Dichloro-1,1,2-trifluo	117	2.041	2.053	-0.012	94	3552	1.00	1.18	
15 Acrolein	56	2.133	2.133	0.000	55	3618	4.00	4.09	
17 1,1,2-Trichloro-1,2,2-trif	101	2.156	2.155	0.001	56	4027	1.00	1.25	
16 1,1-Dichloroethene	96	2.156	2.167	-0.011	92	3891	1.00	1.19	
18 Acetone	43	2.247	2.258	-0.011	66	8003	5.00	6.91	M
19 Iodomethane	142	2.293	2.304	-0.011	86	7214	1.00	1.12	
20 Carbon disulfide	76	2.316	2.327	-0.011	97	17552	1.00	1.28	
21 Isopropyl alcohol	45	2.361	2.373	-0.012	23	2941	10.0	11.2	M
22 3-Chloro-1-propene	76	2.464	2.464	0.000	90	2841	1.00	1.18	
23 Cyclopentene	67	2.476	2.476	0.000	92	9962	1.00	1.17	
24 Methyl acetate	43	2.487	2.498	-0.011	99	7013	2.00	2.53	
25 Acetonitrile	41	2.544	2.556	-0.012	44	8097	10.0	12.7	a
26 Methylene Chloride	84	2.590	2.601	-0.011	97	4860	1.00	1.18	
* 27 TBA-d9 (IS)	65	2.624	2.636	-0.012	0	310615	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.693	2.704	-0.011	33	5541	10.0	12.9	
29 Methyl tert-butyl ether	73	2.761	2.761	0.000	92	12127	1.00	1.22	
30 trans-1,2-Dichloroethene	96	2.773	2.784	-0.011	95	5034	1.00	1.23	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.864	2.864	0.000	96	17610	10.0	11.9	
32 Hexane	43	2.933	2.944	-0.011	95	3812	1.00	1.24	
34 1,1-Dichloroethane	63	3.184	3.184	0.000	98	8653	1.00	1.21	
33 Isopropyl ether	45	3.173	3.184	-0.011	94	16706	1.00	1.17	
35 Vinyl acetate	86	3.219	3.218	0.001	100	1695	2.00	2.54	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	58	3612	1.00	1.17	
37 Tert-butyl ethyl ether	59	3.504	3.516	-0.012	87	14344	1.00	1.20	
38 2,2-Dichloropropane	41	3.710	3.699	0.012	45	8182	1.00	0.9765	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	368219	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.733	0.000	85	4657	1.00	1.17	
41 2-Butanone (MEK)	72	3.767	3.779	-0.011	94	1615	5.00	4.58	
42 Ethyl acetate	70	3.790	3.790	0.000	95	822	2.00	2.20	
43 Methyl acrylate	85	3.836	3.836	0.000	56	276	1.00	0.7182	
44 Propionitrile	54	3.916	3.916	0.000	89	6026	10.0	12.1	a
45 Tetrahydrofuran	72	3.973	3.973	0.000	54	911	2.00	2.28	
46 Chlorobromomethane	128	3.973	3.973	0.000	88	2637	1.00	1.24	
47 Methacrylonitrile	67	4.019	4.019	0.000	95	15920	10.0	12.9	
48 Chloroform	83	4.042	4.053	-0.011	93	6973	1.00	1.13	
49 Cyclohexane	84	4.144	4.156	-0.012	96	5272	1.00	1.22	
50 1,1,1-Trichloroethane	97	4.179	4.179	0.000	35	5623	1.00	1.14	
\$ 51 Dibromofluoromethane (Surr	113	4.213	4.213	0.000	96	100619	50.0	43.4	
52 Carbon tetrachloride	117	4.293	4.304	-0.011	90	4813	1.00	1.17	
53 1,1-Dichloropropene	75	4.339	4.339	0.000	94	5749	1.00	1.23	
54 Isooctane	57	4.533	4.544	-0.011	96	8960	1.00	1.28	
55 Benzene	78	4.556	4.556	0.000	96	15133	1.00	1.16	
56 Isobutyl alcohol	74	4.544	4.556	-0.012	35	1363	25.0	32.4	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	66	116220	50.0	44.2	
59 Tert-amyl methyl ether	73	4.659	4.659	0.000	92	13351	1.00	1.18	
60 1,2-Dichloroethane	62	4.670	4.670	0.000	92	6718	1.00	0.9818	
61 Isopropyl acetate	61	4.693	4.681	0.012	97	2163	1.00	1.21	
62 n-Heptane	57	4.762	4.761	0.001	93	2330	1.00	1.35	
* 63 Fluorobenzene	96	4.887	4.887	0.000	98	543989	50.0	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	91	3397	1.00	1.04	
65 n-Butanol	43	5.379	5.390	-0.011	56	1615	25.0	27.6	
66 Methylcyclohexane	83	5.413	5.413	0.000	90	5100	1.00	1.20	
67 Ethyl acrylate	55	5.493	5.493	0.000	13	4291	1.00	1.09	a
69 1,2-Dichloropropane	63	5.607	5.607	0.000	86	4112	1.00	1.09	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	97	22654	1000.0	1000.0	
72 Dibromomethane	93	5.756	5.756	0.000	69	2693	1.00	1.25	
71 Methyl methacrylate	100	5.767	5.767	0.000	90	1197	2.00	1.85	
73 1,4-Dioxane	88	5.767	5.779	-0.012	39	2191	50.0	51.9	
74 n-Propyl acetate	43	5.847	5.847	0.000	96	5884	1.00	1.23	
75 Dichlorobromomethane	83	5.950	5.962	-0.012	95	5124	1.00	1.11	
76 2-Nitropropane	41	6.362	6.362	0.000	87	2056	2.00	2.42	
77 2-Chloroethyl vinyl ether	63	6.396	6.396	0.000	91	2283	1.00	1.15	
78 Epichlorohydrin	57	6.499	6.499	0.000	38	7007	20.0	18.2	a
79 cis-1,3-Dichloropropene	75	6.545	6.544	0.001	94	5741	1.00	1.12	
80 4-Methyl-2-pentanone (MIBK	43	6.762	6.762	0.000	97	20876	5.00	5.58	
\$ 81 Toluene-d8 (Surr)	98	6.796	6.796	0.000	98	359529	50.0	43.9	
82 Toluene	91	6.876	6.876	0.000	94	15023	1.00	1.20	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	96	5136	1.00	1.16	
84 Ethyl methacrylate	69	7.333	7.333	0.000	87	3262	1.00	0.9489	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	84	2710	1.00	1.16	
85 Tetrachloroethene	166	7.459	7.459	0.000	89	3695	1.00	1.18	
87 1,3-Dichloropropane	76	7.630	7.630	0.000	97	5531	1.00	1.24	
88 2-Hexanone	43	7.733	7.722	0.011	97	10206	5.00	4.69	
89 Chlorodibromomethane	129	7.813	7.813	0.000	97	3215	1.00	1.09	
90 n-Butyl acetate	73	7.836	7.836	0.000	84	711	1.00	1.11	
91 Ethylene Dibromide	107	7.928	7.916	0.012	94	3121	1.00	1.19	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	371120	50.0	50.0	
93 Chlorobenzene	112	8.362	8.362	0.000	91	9571	1.00	1.20	
94 Ethylbenzene	106	8.453	8.453	0.000	99	4355	1.00	1.07	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	86	3289	1.00	1.08	
96 m-Xylene & p-Xylene	106	8.556	8.556	0.000	0	5295	1.00	1.06	
97 o-Xylene	106	8.899	8.899	0.000	92	5379	1.00	1.06	
98 n-Butyl acrylate	73	8.933	8.922	0.011	57	1401	1.00	0.8273	
99 Styrene	104	8.933	8.933	0.000	93	9226	1.00	1.08	
100 Bromoform	173	9.093	9.093	0.000	91	1871	1.00	0.9851	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	83	3199	1.00	0.7523	
102 Isopropylbenzene	105	9.208	9.196	0.012	95	14365	1.00	1.15	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	153467	50.0	45.1	
104 Bromobenzene	156	9.471	9.459	0.012	97	4423	1.00	1.16	
105 1,1,2,2-Tetrachloroethane	83	9.516	9.516	0.000	46	1214	1.00	0.4129	
106 N-Propylbenzene	91	9.528	9.528	0.000	98	17683	1.00	1.16	
107 1,2,3-Trichloropropane	110	9.551	9.551	0.001	93	1068	1.00	1.17	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	66	1726	1.00	1.29	
109 2-Chlorotoluene	91	9.608	9.608	0.000	96	12952	1.00	1.13	
110 4-Ethyltoluene	105	9.619	9.619	0.000	97	16687	1.00	1.22	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	93	12134	1.00	1.09	
112 4-Chlorotoluene	91	9.699	9.699	0.000	98	13173	1.00	1.16	
113 Butyl Methacrylate	87	9.779	9.768	0.011	91	2369	1.00	0.5268	
114 tert-Butylbenzene	91	9.916	9.905	0.011	89	8250	1.00	1.28	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	95	13170	1.00	1.16	
116 sec-Butylbenzene	105	10.076	10.076	0.000	98	15076	1.00	1.23	
117 1,3-Dichlorobenzene	146	10.179	10.179	0.000	90	7949	1.00	1.14	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	97	12013	1.00	1.16	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	97	217278	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	89	9504	1.00	1.27	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	95	12621	1.00	1.04	a
122 Benzyl chloride	126	10.374	10.373	0.001	98	1915	1.00	1.29	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	93	16028	1.00	1.20	a
124 p-Diethylbenzene	105	10.465	10.465	0.000	93	6938	1.00	1.18	
125 n-Butylbenzene	92	10.488	10.488	0.000	97	6956	1.00	1.23	
126 1,2-Dichlorobenzene	146	10.534	10.533	0.001	92	7766	1.00	1.11	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	11141	1.00	1.07	
128 1,2-Dibromo-3-Chloropropan	75	11.105	11.094	0.011	41	848	1.00	1.60	
129 1,3,5-Trichlorobenzene	180	11.197	11.196	0.000	96	5973	1.00	1.19	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	92	5839	1.00	1.17	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	90	2522	1.00	1.35	
132 Naphthalene	128	11.814	11.814	0.000	98	14846	1.00	1.26	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	90	5875	1.00	1.27	
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.41	
S 135 Xylenes, Total	100				0		2.00	2.12	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00078	Amount Added: 4.00	Units: uL	
GAS Hi_00262	Amount Added: 1.00	Units: uL	
Ethanol mix_00017	Amount Added: 1.00	Units: uL	
MIX 2 Hi_00072	Amount Added: 1.00	Units: uL	
MIX I Hi_00095	Amount Added: 1.00	Units: uL	
14DIOXINTER_00086	Amount Added: 30.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\b32011.D

Injection Date: 09-Jul-2018 21:16:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: STD1

Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL

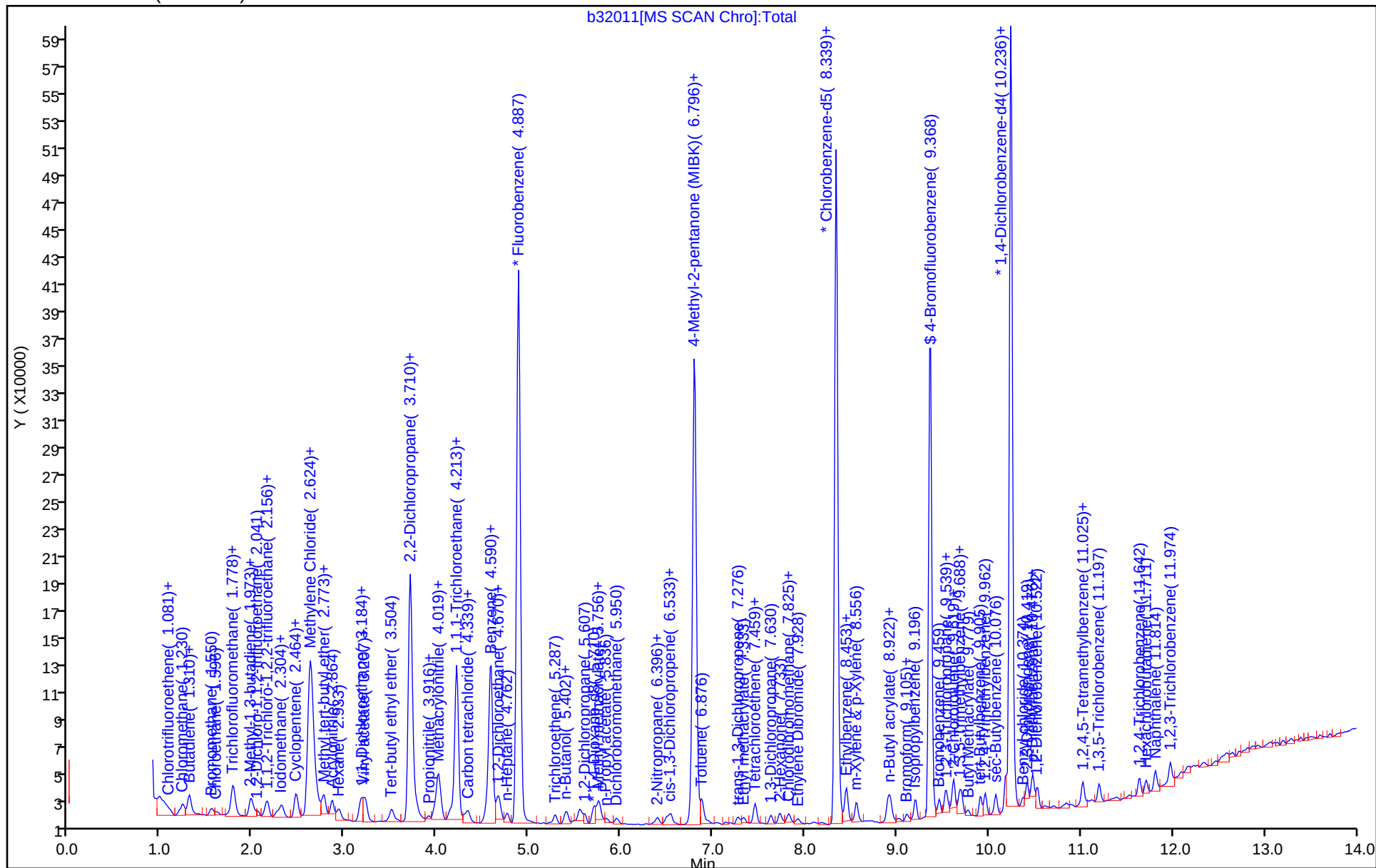
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D

Injection Date: 09-Jul-2018 21:16:30

Instrument ID: CVOAMS2

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

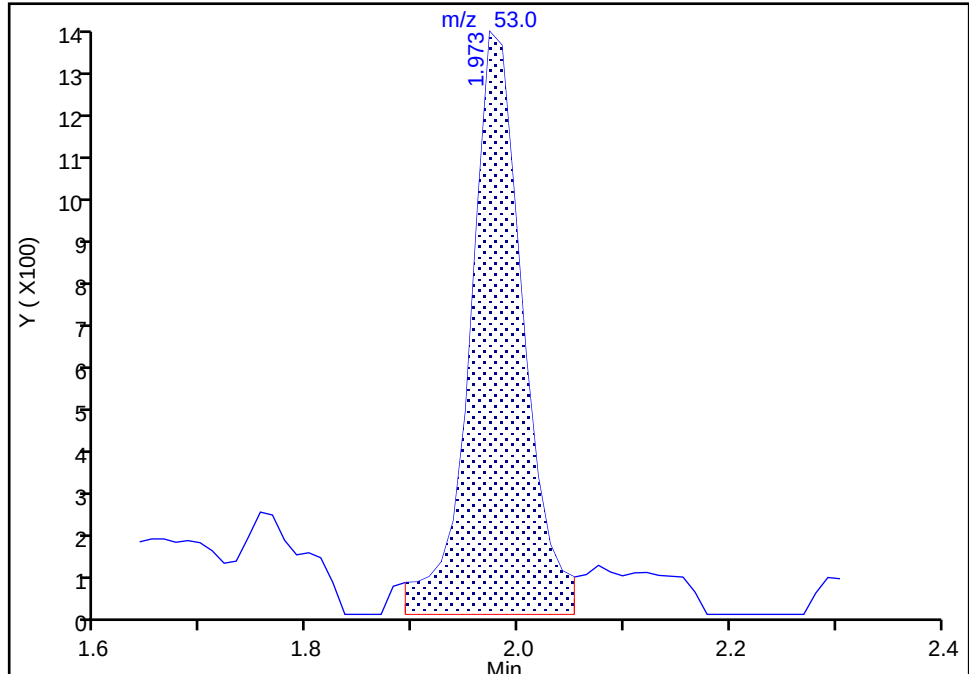
MS SCAN

13 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

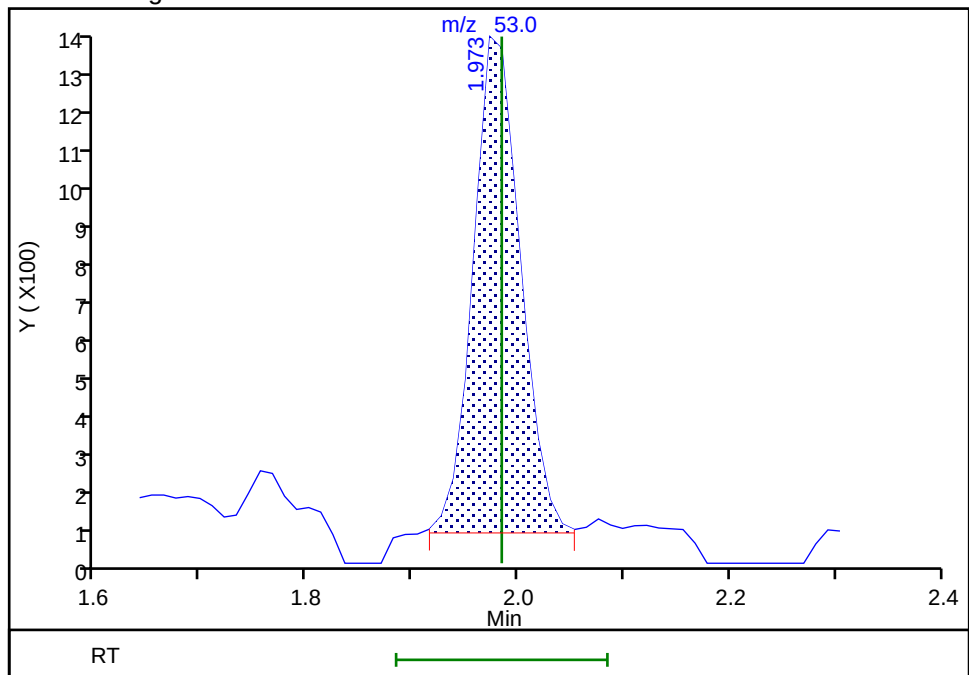
RT: 1.97
Area: 4883
Amount: 1.335632
Amount Units: ug/l

Processing Integration Results



RT: 1.97
Area: 4066
Amount: 1.208669
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 15:17:42

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D

Injection Date: 09-Jul-2018 21:16:30

Instrument ID: CVOAMS2

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

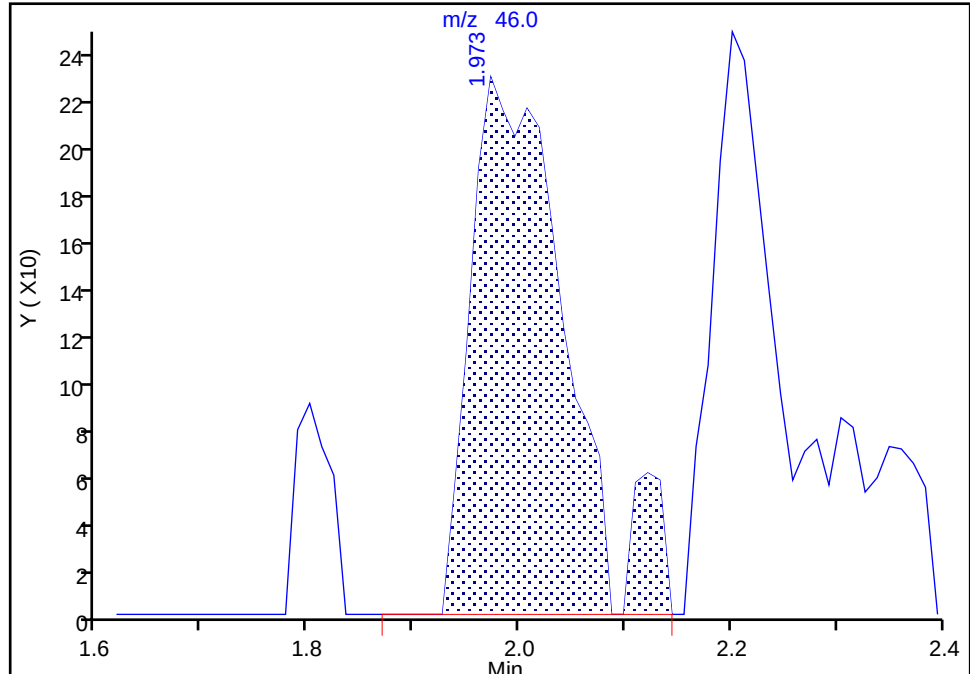
Detector: MS SCAN

11 Ethanol, CAS: 64-17-5

Signal: 1

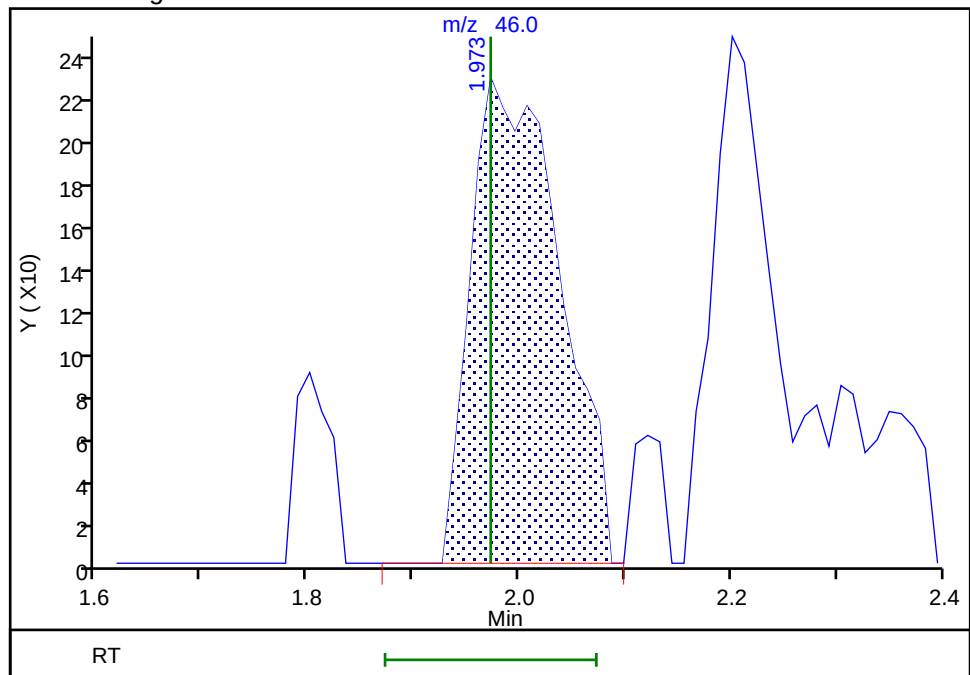
RT: 1.97
Area: 1430
Amount: 57.260073
Amount Units: ug/l

Processing Integration Results



RT: 1.97
Area: 1313
Amount: 55.056021
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 15:17:26

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\b32011.D

Injection Date: 09-Jul-2018 21:16:30

Instrument ID: CVOAMS2

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

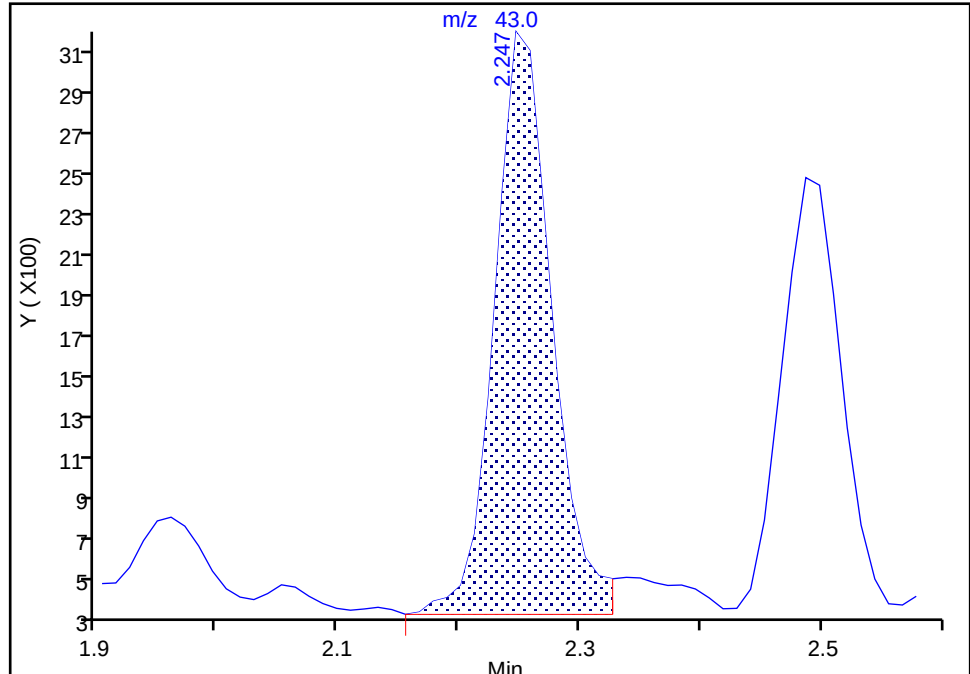
Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

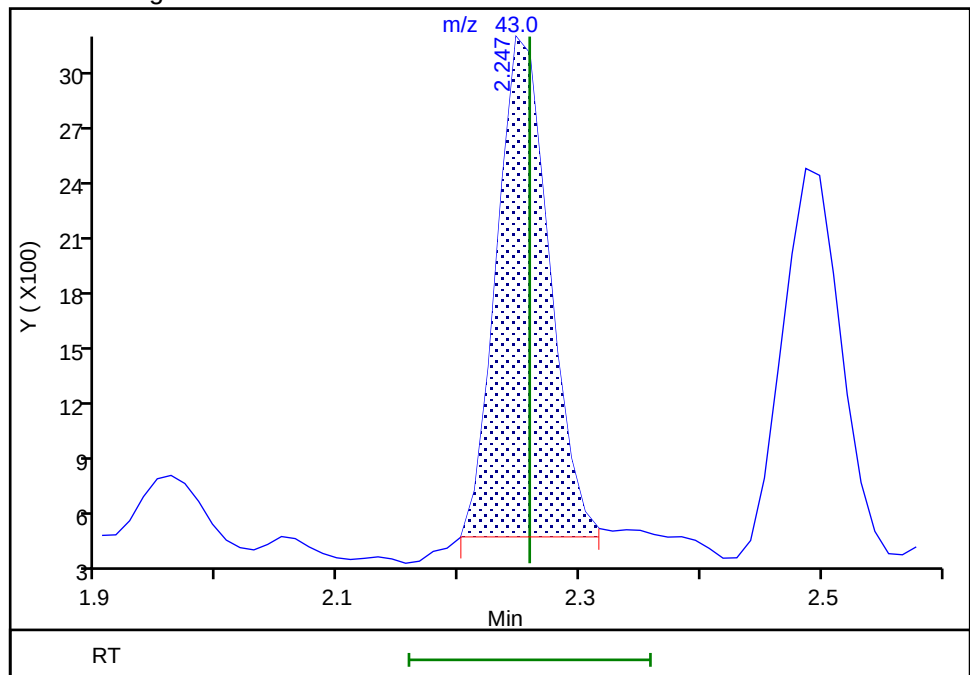
RT: 2.25
Area: 9282
Amount: 7.654398
Amount Units: ug/l

Processing Integration Results



RT: 2.25
Area: 8003
Amount: 6.910387
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 15:20:51

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D

Injection Date: 09-Jul-2018 21:16:30

Instrument ID: CVOAMS2

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

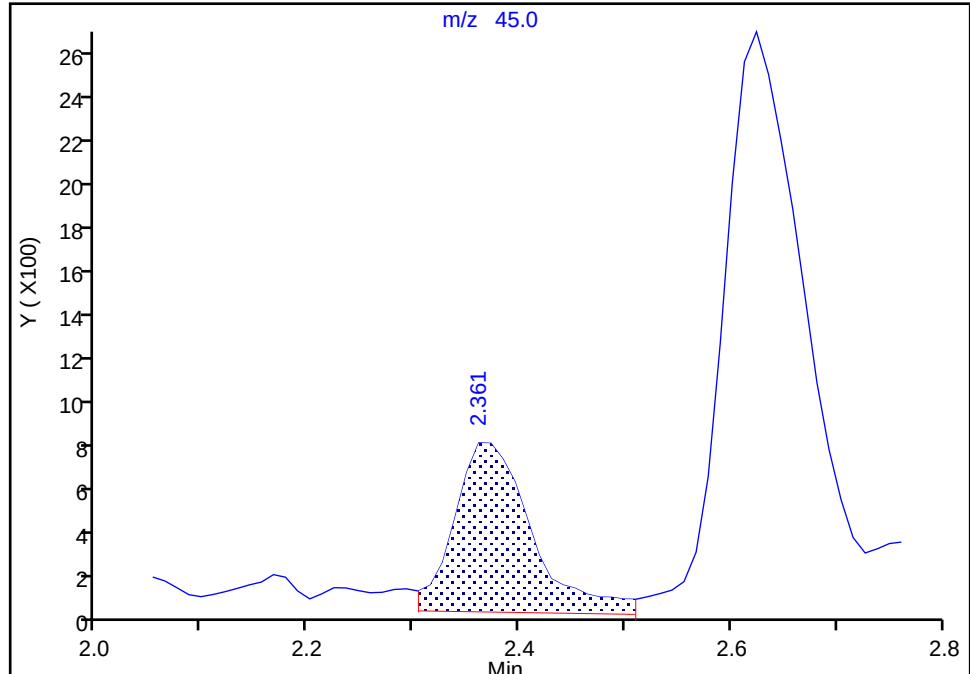
Detector: MS SCAN

21 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

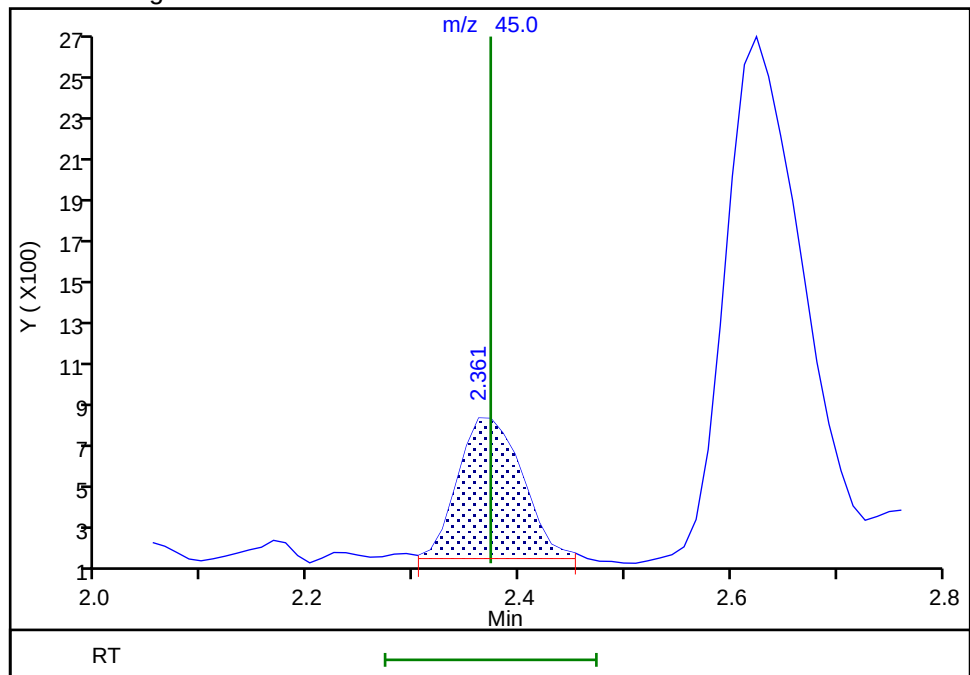
RT: 2.36
Area: 3986
Amount: 13.803740
Amount Units: ug/l

Processing Integration Results



RT: 2.36
Area: 2941
Amount: 11.216147
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 15:21:08

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
Injection Date: 09-Jul-2018 21:16:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_2
Column: Rtx-624 (0.25 mm)

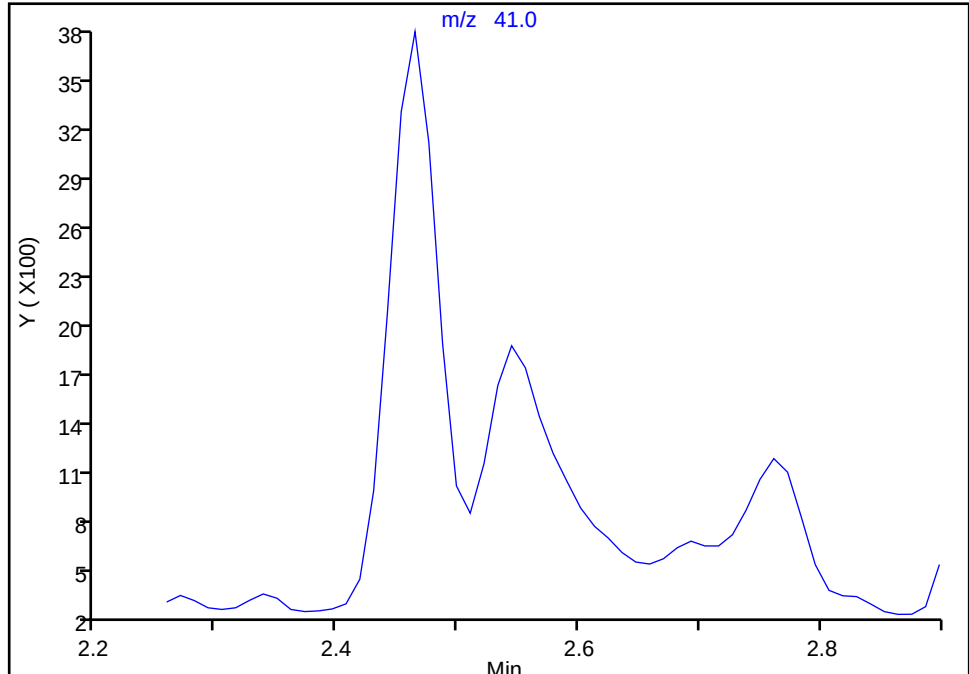
ALS Bottle#: 18 Worklist Smp#: 16
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

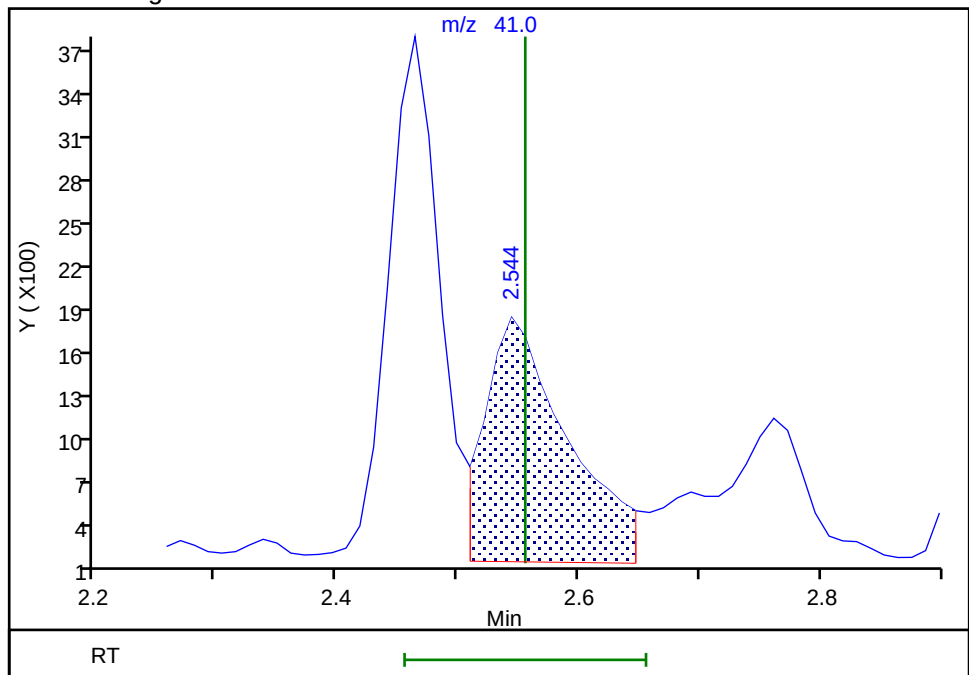
Not Detected
Expected RT: 2.56

Processing Integration Results



RT: 2.54
Area: 8097
Amount: 12.710550
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 15:00:31
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75127.b\\b32011.D

Injection Date: 09-Jul-2018 21:16:30

Instrument ID: CVOAMS2

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

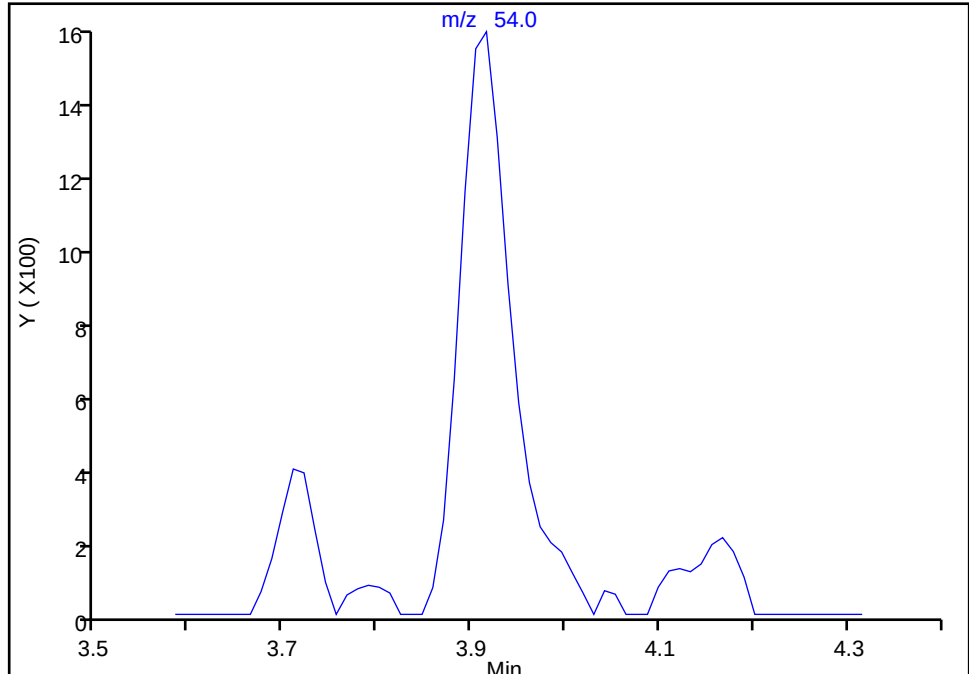
44 Propionitrile, CAS: 107-12-0

Signal: 1

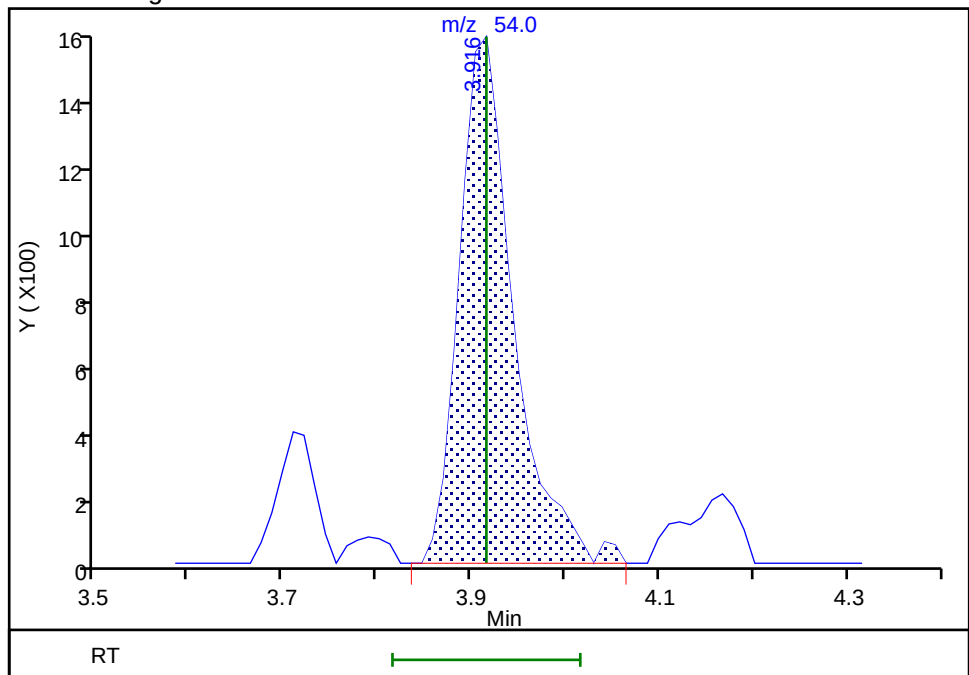
Not Detected

Expected RT: 3.92

Processing Integration Results



Manual Integration Results



RT: 3.92

Area: 6026

Amount: 12.129911

Amount Units: ug/l

Reviewer: delpolitov, 10-Jul-2018 15:00:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D

Injection Date: 09-Jul-2018 21:16:30

Instrument ID: CVOAMS2

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

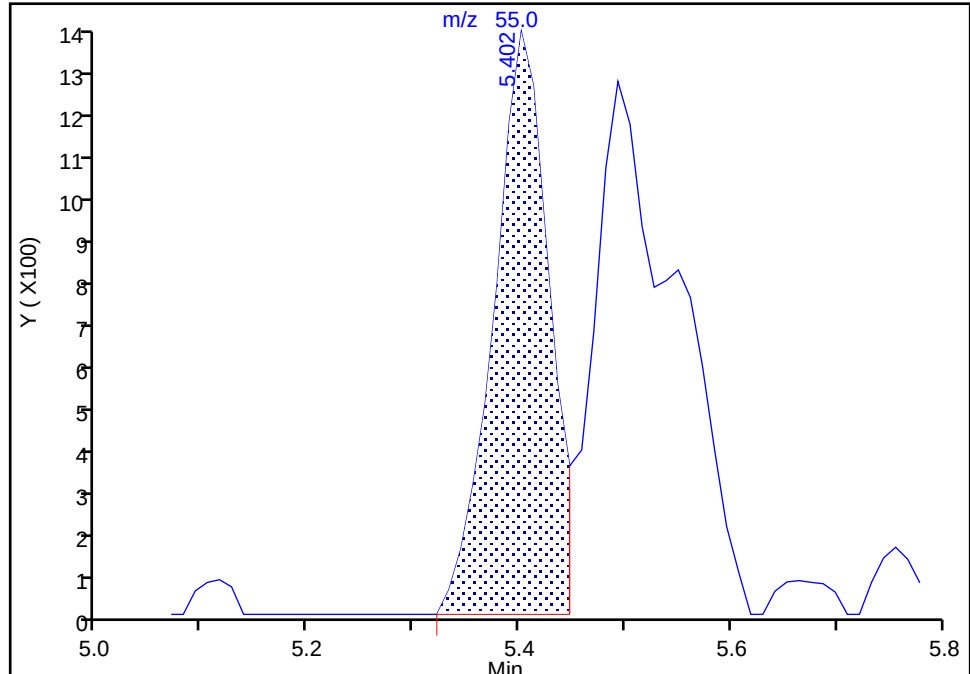
Detector: MS SCAN

67 Ethyl acrylate, CAS: 140-88-5

Signal: 1

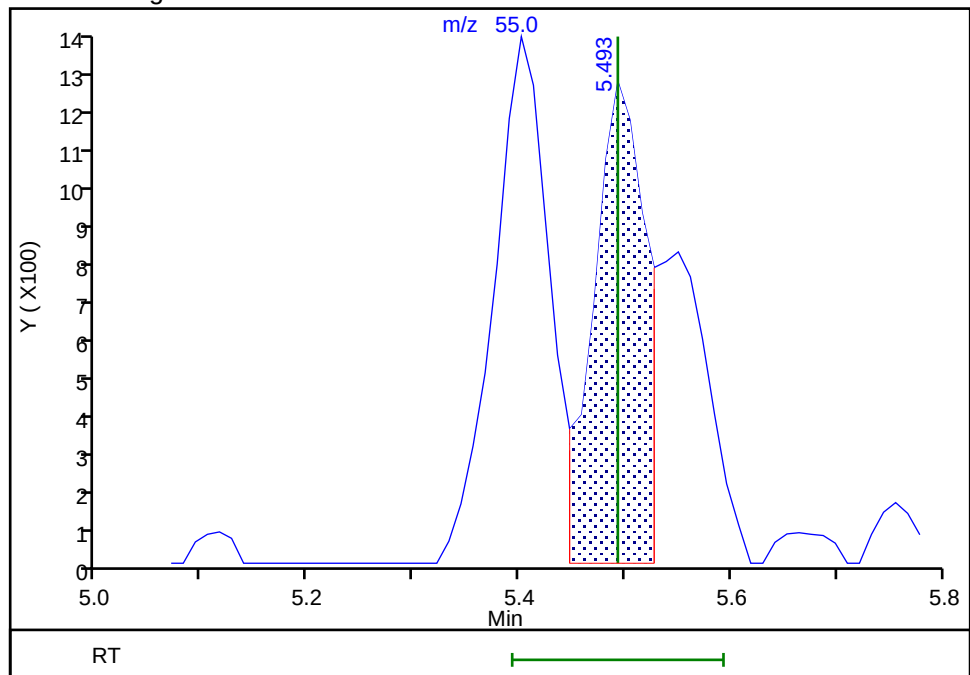
RT: 5.40
Area: 4818
Amount: 1.200100
Amount Units: ug/l

Processing Integration Results



RT: 5.49
Area: 4291
Amount: 1.092738
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 15:01:01

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D

Injection Date: 09-Jul-2018 21:16:30

Instrument ID: CVOAMS2

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

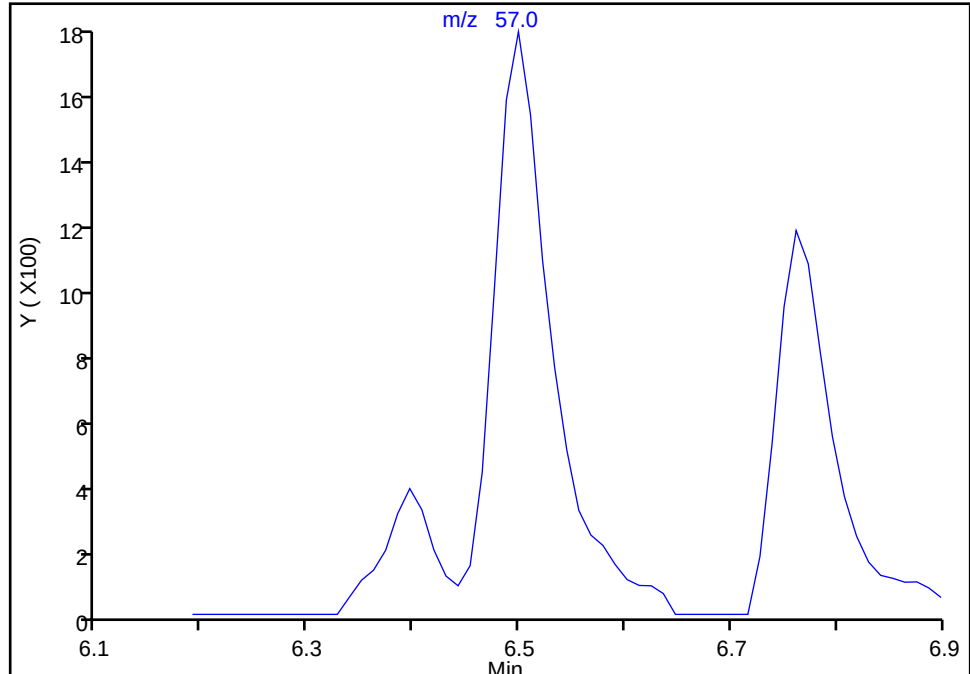
78 Epichlorohydrin, CAS: 106-89-8

Signal: 1

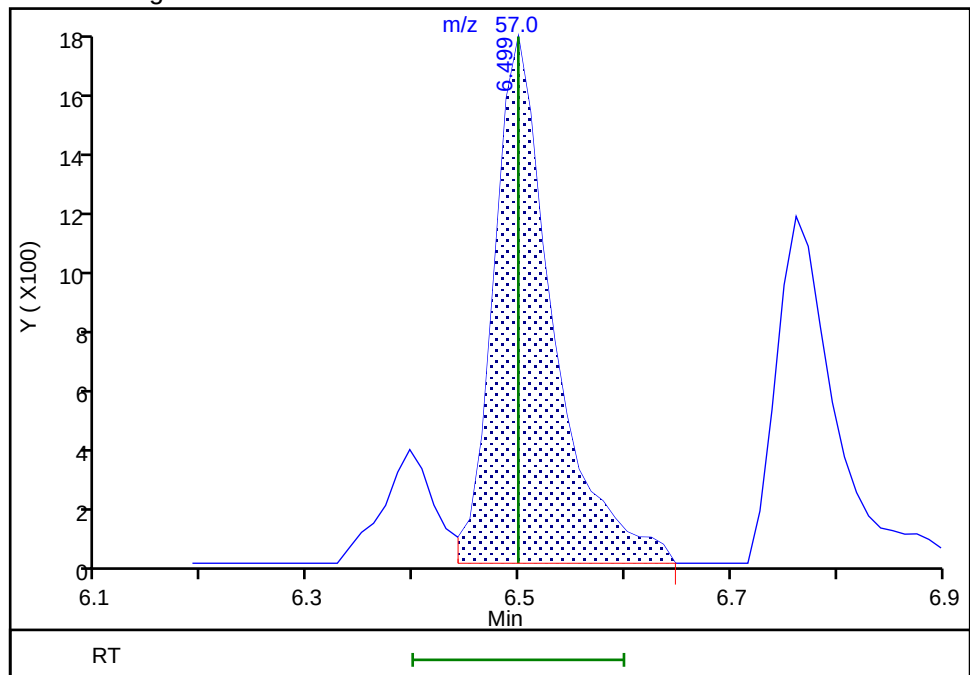
Not Detected

Expected RT: 6.50

Processing Integration Results



Manual Integration Results

RT: 6.50
Area: 7007
Amount: 18.178246
Amount Units: ug/l

Reviewer: delpolitov, 10-Jul-2018 15:01:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D

Injection Date: 09-Jul-2018 21:16:30

Instrument ID: CVOAMS2

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

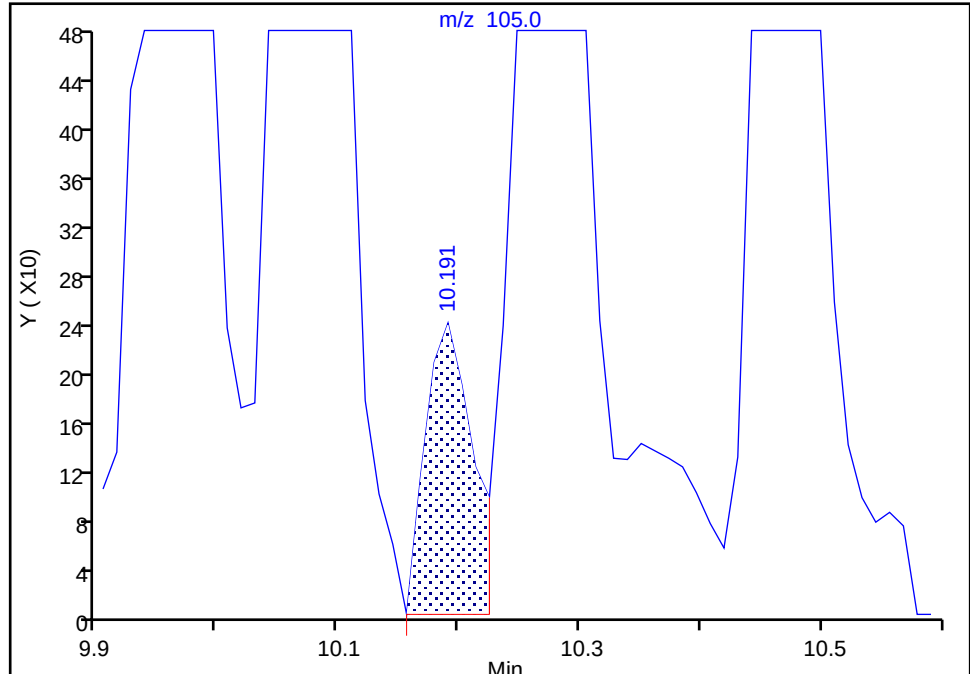
MS SCAN

121 1,2,3-Trimethylbenzene, CAS: 526-73-8

Signal: 1

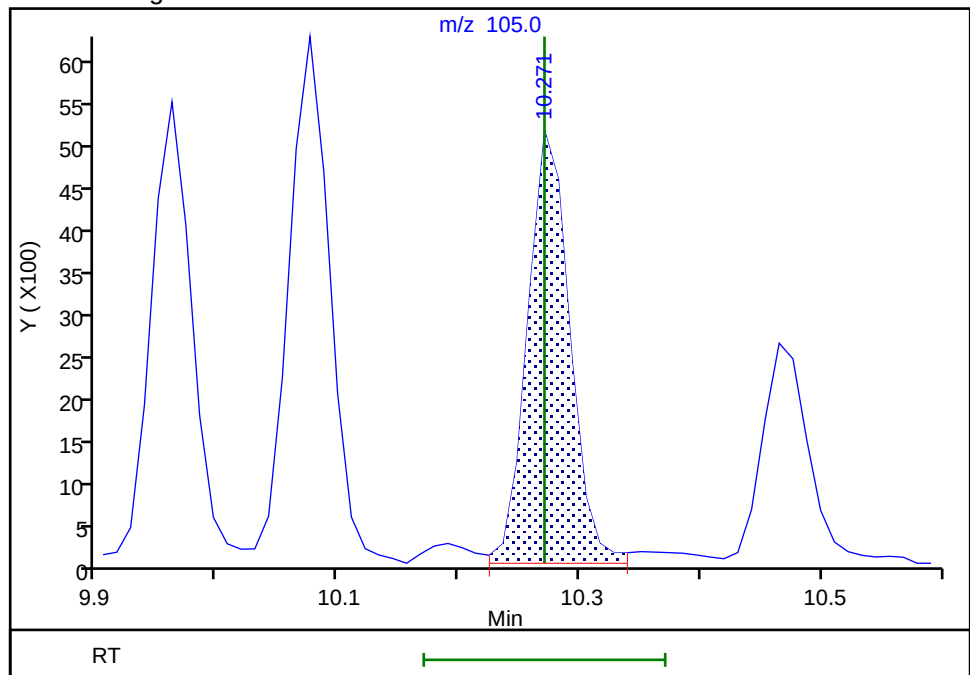
RT: 10.19
Area: 655
Amount: 0.042541
Amount Units: ug/l

Processing Integration Results



RT: 10.27
Area: 12621
Amount: 1.043172
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 15:01:41

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D

Injection Date: 09-Jul-2018 21:16:30

Instrument ID: CVOAMS2

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

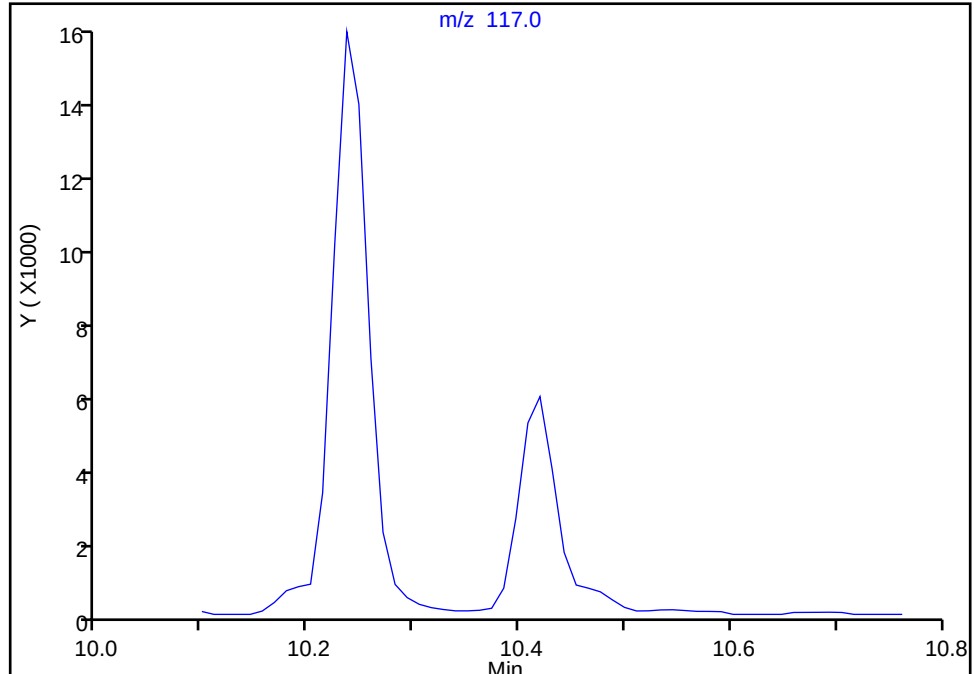
123 2,3-Dihydroindene, CAS: 496-11-7

Signal: 1

Not Detected

Expected RT: 10.42

Processing Integration Results



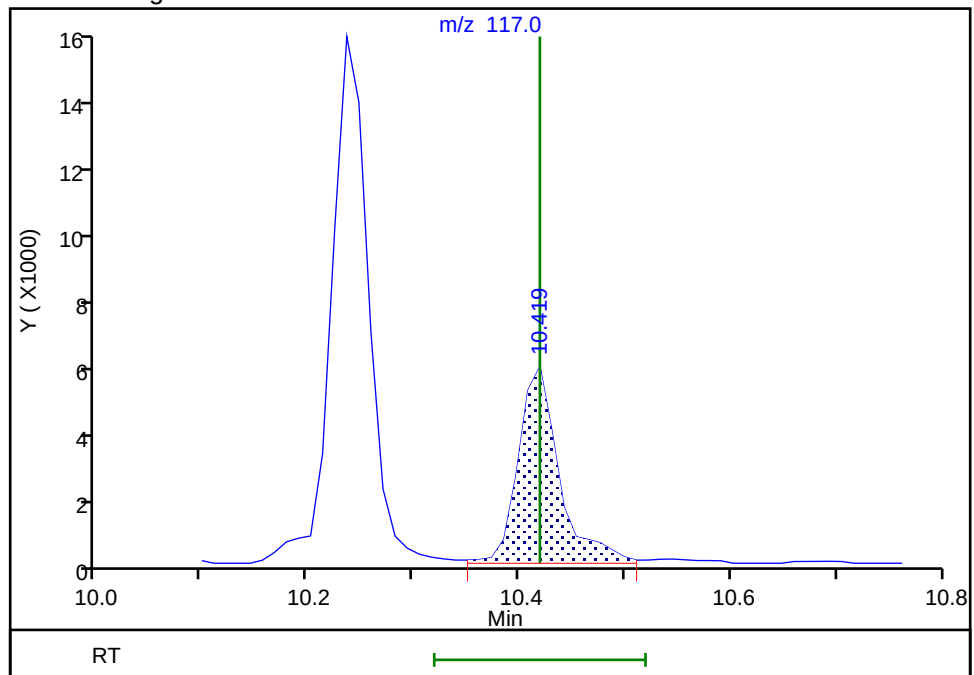
RT: 10.42

Area: 16028

Amount: 1.196441

Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 15:01:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Lab Sample ID: CCVIS 460-534820/2 Calibration Date: 07/10/2018 00:00

Instrument ID: CVOAMS2 Calib Start Date: 07/09/2018 14:08

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2018 21:16

Lab File ID: B32014.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0778	0.0906		23.3	20.0	16.5	20.0
Dichlorodifluoromethane	Ave	0.4749	0.5624	0.1000	23.7	20.0	18.4	20.0
Chloromethane	Ave	0.6536	0.7557	0.1000	23.1	20.0	15.6	20.0
Butadiene	Ave	0.4763	0.5642		23.7	20.0	18.5	20.0
Vinyl chloride	Ave	0.5696	0.6725	0.1000	23.6	20.0	18.1	20.0
Bromomethane	Ave	0.3717	0.4045	0.1000	21.8	20.0	8.8	50.0
Chloroethane	Ave	0.3026	0.3316	0.1000	21.9	20.0	9.6	50.0
Dichlorofluoromethane	Ave	0.7426	0.8738		23.5	20.0	17.7	20.0
Trichlorofluoromethane	Ave	0.4973	0.5624	0.1000	22.6	20.0	13.1	20.0
Pentane	Ave	1.698	1.789		42.1	40.0	5.3	20.0
Ethanol	Ave	0.0768	0.0914		952	800	19.0	50.0
Ethyl ether	Ave	0.2863	0.3158		22.1	20.0	10.3	20.0
2-Methyl-1,3-butadiene	Ave	0.3092	0.3560		23.0	20.0	15.1	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2773	0.3072		22.2	20.0	10.8	20.0
Acrolein	Lin2		1.556		30.7	40.0	-23.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2964	0.3319	0.1000	22.4	20.0	12.0	20.0
1,1-Dichloroethene	Ave	0.2997	0.3167	0.1000	21.1	20.0	5.6	20.0
Acetone	Ave	0.7863	0.8731	0.0500	111	100	11.0	50.0
Iodomethane	Ave	0.5898	0.6251		21.2	20.0	6.0	20.0
Carbon disulfide	Ave	1.257	1.293	0.1000	20.6	20.0	2.9	50.0
Isopropyl alcohol	Ave	0.8442	0.9462		224	200	12.1	50.0
Allyl chloride	Ave	0.2217	0.2253		20.3	20.0	1.6	20.0
Cyclopentene	Ave	0.7816	0.8486		21.7	20.0	8.6	20.0
Methyl acetate	Ave	0.2546	0.3013	0.1000	47.3	40.0	18.3	20.0
Acetonitrile	QuaF		0.0689		240	200	19.8	20.0
Methylene Chloride	Ave	0.3802	0.4082	0.1000	21.5	20.0	7.4	20.0
2-Methyl-2-propanol	Ave	1.385	1.411		204	200	1.9	50.0
Methyl tert-butyl ether	Ave	0.9168	1.032	0.1000	22.5	20.0	12.6	20.0
trans-1,2-Dichloroethene	QuaF		0.3422	0.1000	18.4	20.0	-8.1	20.0
Acrylonitrile	QuaF		0.1450		216	200	7.9	20.0
Hexane	QuaF		0.2886		20.7	20.0	3.3	20.0
Isopropyl ether	Ave	1.309	1.433		21.9	20.0	9.5	20.0
1,1-Dichloroethane	Ave	0.6583	0.7052	0.2000	21.4	20.0	7.1	20.0
Vinyl acetate	Ave	2.147	2.021		37.7	40.0	-5.9	20.0
2-Chloro-1,3-butadiene	Ave	0.2842	0.2954		20.8	20.0	3.9	20.0
Tert-butyl ethyl ether	Ave	1.102	1.180		21.4	20.0	7.1	20.0
2,2-Dichloropropane	Lin2		0.3757		22.4	20.0	12.2	20.0
cis-1,2-Dichloroethene	Ave	0.3648	0.3845	0.1000	21.1	20.0	5.4	20.0
2-Butanone (MEK)	Ave	0.2392	0.2578	0.0500	108	100	7.8	50.0
Ethyl acetate	Ave	0.2536	0.2597		41.0	40.0	2.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Lab Sample ID: CCVIS 460-534820/2 Calibration Date: 07/10/2018 00:00

Instrument ID: CVOAMS2 Calib Start Date: 07/09/2018 14:08

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2018 21:16

Lab File ID: B32014.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl acrylate	Ave	0.0353	0.0439		24.8	20.0	24.1*	20.0
Propionitrile	Ave	1.599	1.804		226	200	12.8	20.0
Chlorobromomethane	QuaF		0.1859		19.2	20.0	-4.2	20.0
Tetrahydrofuran	Ave	0.2717	0.2810		41.4	40.0	3.4	20.0
Methacrylonitrile	Ave	0.1132	0.1307		231	200	15.5	20.0
Chloroform	Ave	0.5668	0.5977	0.2000	21.1	20.0	5.5	20.0
Cyclohexane	Ave	0.3970	0.4294	0.1000	21.6	20.0	8.2	50.0
1,1,1-Trichloroethane	Ave	0.4547	0.4897	0.1000	21.5	20.0	7.7	20.0
Carbon tetrachloride	Ave	0.3772	0.3977	0.1000	21.1	20.0	5.4	20.0
1,1-Dichloropropene	Ave	0.4280	0.4342		20.3	20.0	1.4	20.0
2,2,4-Trimethylpentane	Ave	0.6458	0.6949		21.5	20.0	7.6	20.0
Benzene	Ave	1.753	1.917	0.5000	21.9	20.0	9.3	20.0
Isobutyl alcohol	Ave	0.1353	0.1302		481	500	-3.7	50.0
Tert-amyl methyl ether	Ave	1.041	1.136		21.8	20.0	9.1	20.0
1,2-Dichloroethane	Lin2		0.4598	0.1000	22.2	20.0	11.2	20.0
Isopropyl acetate	Ave	0.1639	0.1803		22.0	20.0	10.0	20.0
n-Heptane	QuaF		0.1487		18.9	20.0	-5.4	20.0
Trichloroethene	Ave	0.3009	0.3127	0.2000	20.8	20.0	3.9	20.0
n-Butanol	Ave	0.1886	0.1734		460	500	-8.1	50.0
Methylcyclohexane	Ave	0.3899	0.4149	0.1000	21.3	20.0	6.4	50.0
Ethyl acrylate	Ave	0.3609	0.3800		21.1	20.0	5.3	20.0
1,2-Dichloropropane	Ave	0.3470	0.3623	0.1000	20.9	20.0	4.4	20.0
Dibromomethane	Ave	0.1979	0.2088		21.1	20.0	5.5	20.0
1,4-Dioxane	Lin2		1.390		433	400	8.2	50.0
Methyl methacrylate	Ave	0.0594	0.0658		44.3	40.0	10.8	20.0
n-Propyl acetate	Ave	0.4394	0.4811		21.9	20.0	9.5	20.0
Dichlorobromomethane	Ave	0.4233	0.4420	0.2000	20.9	20.0	4.4	20.0
2-Nitropropane	QuaF		0.0758		39.2	40.0	-2.1	20.0
2-Chloroethyl vinyl ether	Ave	0.1830	0.2039		22.3	20.0	11.4	20.0
Epichlorohydrin	QuaF		0.2199		338	400	-15.5	20.0
cis-1,3-Dichloropropene	Ave	0.6883	0.7246	0.2000	21.1	20.0	5.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.539	2.648	0.0500	104	100	4.3	50.0
Toluene	Ave	1.682	1.744	0.4000	20.7	20.0	3.7	20.0
trans-1,3-Dichloropropene	Ave	0.5948	0.6341	0.1000	21.3	20.0	6.6	50.0
Ethyl methacrylate	Ave	0.4632	0.5107		22.1	20.0	10.3	20.0
1,1,2-Trichloroethane	Ave	0.3142	0.3469	0.1000	22.1	20.0	10.4	20.0
Tetrachloroethene	Ave	0.4202	0.4288	0.2000	20.4	20.0	2.0	20.0
1,3-Dichloropropane	Ave	0.6020	0.6547		21.8	20.0	8.8	20.0
2-Hexanone	Ave	1.476	1.512	0.0500	102	100	2.4	50.0
Chlorodibromomethane	Ave	0.3989	0.4149	0.1000	20.8	20.0	4.0	50.0
n-Butyl acetate	Ave	0.0866	0.1019		23.5	20.0	17.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-534820/2 Calibration Date: 07/10/2018 00:00
 Instrument ID: CVOAMS2 Calib Start Date: 07/09/2018 14:08
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2018 21:16
 Lab File ID: B32014.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	0.3531	0.3823	0.1000	21.7	20.0	8.3	20.0
Chlorobenzene	Ave	1.077	1.083	0.5000	20.1	20.0	0.6	20.0
Ethylbenzene	Ave	0.5468	0.5899	0.1000	21.6	20.0	7.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4092	0.4311		21.1	20.0	5.3	20.0
m-Xylene & p-Xylene	Ave	0.6724	0.7191	0.1000	21.4	20.0	6.9	20.0
o-Xylene	Ave	0.6838	0.7195	0.3000	21.0	20.0	5.2	20.0
n-Butyl acrylate	Ave	0.2282	0.3062		26.8	20.0	34.2*	20.0
Styrene	Ave	1.154	1.168	0.3000	20.2	20.0	1.2	20.0
Bromoform	Ave	0.2559	0.2941	0.1000	23.0	20.0	14.9	20.0
Isopropylbenzene	Ave	1.687	1.820	0.1000	21.6	20.0	7.9	20.0
Bromobenzene	Ave	0.8811	0.8740		19.8	20.0	-0.8	20.0
1,1,2,2-Tetrachloroethane	QuaF		0.7417	0.3000	22.0	20.0	10.1	20.0
N-Propylbenzene	Ave	3.517	3.584		20.4	20.0	1.9	20.0
1,2,3-Trichloropropane	Ave	0.2093	0.2351		22.5	20.0	12.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3084	0.3474		22.5	20.0	12.6	20.0
2-Chlorotoluene	Ave	2.631	2.661		20.2	20.0	1.2	20.0
4-Ethyltoluene	Ave	3.141	3.176		20.2	20.0	1.1	20.0
1,3,5-Trimethylbenzene	Ave	2.552	2.581		20.2	20.0	1.2	20.0
4-Chlorotoluene	Ave	2.607	2.593		19.9	20.0	-0.5	20.0
Butyl Methacrylate	QuaF		0.8077		15.6	20.0	-21.8*	20.0
tert-Butylbenzene	Ave	1.480	1.414		19.1	20.0	-4.4	20.0
1,2,4-Trimethylbenzene	Ave	2.616	2.650		20.3	20.0	1.3	20.0
sec-Butylbenzene	Ave	2.823	2.788		19.8	20.0	-1.2	20.0
1,3-Dichlorobenzene	Ave	1.604	1.639	0.6000	20.4	20.0	2.2	20.0
4-Isopropyltoluene	Ave	2.386	2.472		20.7	20.0	3.6	20.0
1,4-Dichlorobenzene	Ave	1.722	1.683	0.5000	19.6	20.0	-2.2	20.0
1,2,3-Trimethylbenzene	Ave	2.784	2.848		20.5	20.0	2.3	20.0
Benzyl chloride	Ave	0.3428	0.3140		18.3	20.0	-8.4	50.0
Indan	Ave	3.083	3.168		20.5	20.0	2.7	20.0
p-Diethylbenzene	Ave	1.353	1.394		20.6	20.0	3.0	20.0
n-Butylbenzene	Ave	1.306	1.283		19.7	20.0	-1.7	20.0
1,2-Dichlorobenzene	Ave	1.616	1.663	0.4000	20.6	20.0	2.9	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.397	2.394		20.0	20.0	-0.2	20.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1183	0.0500	19.5	20.0	-2.3	50.0
1,3,5-Trichlorobenzene	Ave	1.156	1.147		19.8	20.0	-0.8	20.0
1,2,4-Trichlorobenzene	Ave	1.145	1.135	0.2000	19.8	20.0	-0.9	20.0
Hexachlorobutadiene	QuaF		0.3954		18.6	20.0	-7.0	20.0
Naphthalene	Ave	2.721	2.983		21.9	20.0	9.6	50.0
1,2,3-Trichlorobenzene	Ave	1.065	1.080		20.3	20.0	1.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2130	0.2276		53.4	50.0	6.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2416	0.2656		55.0	50.0	9.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-159568-1
SDG No.: _____
Lab Sample ID: CCVIS 460-534820/2 Calibration Date: 07/10/2018 00:00
Instrument ID: CVOAMS2 Calib Start Date: 07/09/2018 14:08
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2018 21:16
Lab File ID: B32014.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
Toluene-d8 (Surr)	Ave	1.104	1.175		53.2	50.0	6.5	20.0
4-Bromofluorobenzene	Ave	0.4587	0.4984		54.3	50.0	8.7	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32014.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 10-Jul-2018 00:00:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0075161-002
 Operator ID: Instrument ID: CVOAMS2
 Sublist: chrom-8260W_2*sub60
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:28:54 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: boykink

Date: 10-Jul-2018 00:57:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.081	1.081	0.000	95	18438	20.0	23.3	
2 Dichlorodifluoromethane	85	1.093	1.093	0.000	98	114443	20.0	23.7	
3 Chloromethane	50	1.241	1.241	0.000	99	153774	20.0	23.1	
4 Butadiene	54	1.310	1.310	0.000	95	114807	20.0	23.7	
5 Vinyl chloride	62	1.321	1.321	0.000	98	136837	20.0	23.6	
6 Bromomethane	94	1.550	1.550	0.000	97	82313	20.0	21.8	
7 Chloroethane	64	1.607	1.607	0.000	100	67468	20.0	21.9	
9 Dichlorofluoromethane	67	1.778	1.778	0.000	98	177795	20.0	23.5	
8 Trichlorofluoromethane	101	1.778	1.778	0.000	55	114440	20.0	22.6	
10 Pentane	72	1.790	1.790	0.000	97	20441	40.0	42.1	
12 Ethyl ether	59	1.973	1.973	0.000	85	64247	20.0	22.1	
11 Ethanol	46	1.973	1.973	0.000	86	20878	800.0	952.0	
13 2-Methyl-1,3-butadiene	53	1.984	1.984	0.000	97	72439	20.0	23.0	
14 1,2-Dichloro-1,1,2-trifluo	117	2.041	2.041	0.000	96	62502	20.0	22.2	
15 Acrolein	56	2.133	2.133	0.000	91	17773	40.0	30.7	
17 1,1,2-Trichloro-1,2,2-trif	101	2.156	2.156	0.000	95	67525	20.0	22.4	
16 1,1-Dichloroethene	96	2.156	2.156	0.000	95	64433	20.0	21.1	
18 Acetone	43	2.247	2.247	0.000	85	119111	100.0	111.0	
19 Iodomethane	142	2.293	2.293	0.000	97	127200	20.0	21.2	
20 Carbon disulfide	76	2.316	2.316	0.000	100	263134	20.0	20.6	
21 Isopropyl alcohol	45	2.373	2.373	0.000	99	54053	200.0	224.2	
22 3-Chloro-1-propene	76	2.464	2.464	0.000	89	45851	20.0	20.3	
23 Cyclopentene	67	2.476	2.476	0.000	93	172664	20.0	21.7	
24 Methyl acetate	43	2.487	2.487	0.000	98	122620	40.0	47.3	
25 Acetonitrile	41	2.544	2.544	0.000	98	140222	200.0	239.6	
26 Methylene Chloride	84	2.590	2.590	0.000	98	83061	20.0	21.5	
* 27 TBA-d9 (IS)	65	2.624	2.624	0.000	0	285627	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.693	2.693	0.000	96	80625	200.0	203.7	
29 Methyl tert-butyl ether	73	2.761	2.761	0.000	97	210026	20.0	22.5	
30 trans-1,2-Dichloroethene	96	2.773	2.773	0.000	99	69619	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.864	2.864	0.000	94	295086	200.0	215.7	
32 Hexane	43	2.933	2.933	0.000	95	58718	20.0	20.7	
33 Isopropyl ether	45	3.173	3.173	0.000	95	291654	20.0	21.9	
34 1,1-Dichloroethane	63	3.184	3.184	0.000	98	143482	20.0	21.4	
35 Vinyl acetate	86	3.219	3.219	0.000	100	23095	40.0	37.7	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	93	60105	20.0	20.8	
37 Tert-butyl ethyl ether	59	3.504	3.504	0.000	88	240119	20.0	21.4	
38 2,2-Dichloropropane	41	3.699	3.699	0.000	94	76451	20.0	22.4	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	341054	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.733	0.000	93	78228	20.0	21.1	
41 2-Butanone (MEK)	72	3.767	3.767	0.000	96	35173	100.0	107.8	
42 Ethyl acetate	70	3.790	3.790	0.000	94	14173	40.0	41.0	
43 Methyl acrylate	85	3.836	3.836	0.000	98	8922	20.0	24.8	
44 Propionitrile	54	3.904	3.904	0.000	94	103028	200.0	225.5	
45 Tetrahydrofuran	72	3.973	3.973	0.000	67	15331	40.0	41.4	
46 Chlorobromomethane	128	3.973	3.973	0.000	98	37818	20.0	19.2	
47 Methacrylonitrile	67	4.007	4.007	0.000	97	265990	200.0	231.0	
48 Chloroform	83	4.053	4.053	0.000	97	121625	20.0	21.1	
49 Cyclohexane	84	4.144	4.144	0.000	96	87381	20.0	21.6	
50 1,1,1-Trichloroethane	97	4.179	4.179	0.000	97	99641	20.0	21.5	
\$ 51 Dibromofluoromethane (Surr	113	4.213	4.213	0.000	97	115778	50.0	53.4	
52 Carbon tetrachloride	117	4.304	4.304	0.000	97	80919	20.0	21.1	
53 1,1-Dichloropropene	75	4.339	4.339	0.000	94	88344	20.0	20.3	
54 Isooctane	57	4.544	4.544	0.000	97	141395	20.0	21.5	
55 Benzene	78	4.556	4.556	0.000	98	273271	20.0	21.9	
56 Isobutyl alcohol	74	4.556	4.556	0.000	54	18595	500.0	481.3	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	71	135104	50.0	55.0	
59 Tert-amyl methyl ether	73	4.659	4.659	0.000	91	231138	20.0	21.8	
60 1,2-Dichloroethane	62	4.670	4.670	0.000	95	93555	20.0	22.2	
61 Isopropyl acetate	61	4.693	4.693	0.000	98	36677	20.0	22.0	
62 n-Heptane	57	4.762	4.762	0.000	87	30258	20.0	18.9	
* 63 Fluorobenzene	96	4.887	4.887	0.000	98	508693	50.0	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	97	63618	20.0	20.8	
65 n-Butanol	43	5.379	5.379	0.000	90	24764	500.0	459.7	
66 Methylcyclohexane	83	5.402	5.402	0.000	92	84430	20.0	21.3	
67 Ethyl acrylate	55	5.493	5.493	0.000	96	77317	20.0	21.1	
69 1,2-Dichloropropane	63	5.607	5.607	0.000	91	73727	20.0	20.9	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	95	22381	1000.0	1000.0	
72 Dibromomethane	93	5.756	5.756	0.000	93	42487	20.0	21.1	
71 Methyl methacrylate	100	5.767	5.767	0.000	95	26775	40.0	44.3	
73 1,4-Dioxane	88	5.767	5.767	0.000	31	12446	400.0	432.7	
74 n-Propyl acetate	43	5.847	5.847	0.000	98	97897	20.0	21.9	
75 Dichlorobromomethane	83	5.962	5.962	0.000	98	89946	20.0	20.9	
76 2-Nitropropane	41	6.362	6.362	0.000	96	30825	40.0	39.2	
77 2-Chloroethyl vinyl ether	63	6.396	6.396	0.000	95	41489	20.0	22.3	
78 Epichlorohydrin	57	6.499	6.499	0.000	100	119981	400.0	337.9	
79 cis-1,3-Dichloropropene	75	6.545	6.545	0.000	97	103303	20.0	21.1	
80 4-Methyl-2-pentanone (MIBK	43	6.762	6.762	0.000	98	361184	100.0	104.3	
\$ 81 Toluene-d8 (Surr)	98	6.796	6.796	0.000	98	418802	50.0	53.2	
82 Toluene	91	6.887	6.887	0.000	93	248680	20.0	20.7	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	97	90405	20.0	21.3	
84 Ethyl methacrylate	69	7.333	7.333	0.000	94	72803	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	94	49460	20.0	22.1	
85 Tetrachloroethene	166	7.459	7.459	0.000	98	61128	20.0	20.4	
87 1,3-Dichloropropane	76	7.630	7.630	0.000	97	93333	20.0	21.8	
88 2-Hexanone	43	7.722	7.722	0.000	99	206222	100.0	102.4	
89 Chlorodibromomethane	129	7.813	7.813	0.000	98	59157	20.0	20.8	
90 n-Butyl acetate	73	7.836	7.836	0.000	98	14523	20.0	23.5	
91 Ethylene Dibromide	107	7.928	7.928	0.000	98	54499	20.0	21.7	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	356419	50.0	50.0	
93 Chlorobenzene	112	8.362	8.362	0.000	89	154431	20.0	20.1	
94 Ethylbenzene	106	8.453	8.453	0.000	99	84104	20.0	21.6	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	95	61454	20.0	21.1	
96 m-Xylene & p-Xylene	106	8.556	8.556	0.000	0	102517	20.0	21.4	
97 o-Xylene	106	8.899	8.899	0.000	93	102579	20.0	21.0	
98 n-Butyl acrylate	73	8.922	8.922	0.000	96	43658	20.0	26.8	
99 Styrene	104	8.933	8.933	0.000	93	166519	20.0	20.2	
100 Bromoform	173	9.093	9.093	0.000	96	41933	20.0	23.0	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	88	126226	20.0	22.4	
102 Isopropylbenzene	105	9.196	9.196	0.000	97	259458	20.0	21.6	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	177644	50.0	54.3	
104 Bromobenzene	156	9.459	9.459	0.000	97	74744	20.0	19.8	
105 1,1,2,2-Tetrachloroethane	83	9.516	9.516	0.000	98	63429	20.0	22.0	
106 N-Propylbenzene	91	9.528	9.528	0.000	99	306521	20.0	20.4	
107 1,2,3-Trichloropropane	110	9.551	9.551	0.000	97	20104	20.0	22.5	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	68	29707	20.0	22.5	
109 2-Chlorotoluene	91	9.608	9.608	0.000	97	227589	20.0	20.2	
110 4-Ethyltoluene	105	9.619	9.619	0.000	98	271605	20.0	20.2	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	95	220770	20.0	20.2	
112 4-Chlorotoluene	91	9.699	9.699	0.000	99	221774	20.0	19.9	
113 Butyl Methacrylate	87	9.768	9.768	0.000	97	69074	20.0	15.6	
114 tert-Butylbenzene	91	9.905	9.905	0.000	92	120941	20.0	19.1	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	99	226618	20.0	20.3	
116 sec-Butylbenzene	105	10.076	10.076	0.000	99	238456	20.0	19.8	
117 1,3-Dichlorobenzene	146	10.179	10.179	0.000	95	140134	20.0	20.4	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	98	211431	20.0	20.7	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	95	213807	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	93	143929	20.0	19.6	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	99	243582	20.0	20.5	
122 Benzyl chloride	126	10.374	10.374	0.000	98	26853	20.0	18.3	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	93	270897	20.0	20.5	
124 p-Diethylbenzene	105	10.465	10.465	0.000	91	119246	20.0	20.6	
125 n-Butylbenzene	92	10.488	10.488	0.000	97	109759	20.0	19.7	
126 1,2-Dichlorobenzene	146	10.534	10.534	0.000	96	142246	20.0	20.6	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	204703	20.0	20.0	
128 1,2-Dibromo-3-Chloropropan	75	11.094	11.094	0.000	93	10119	20.0	19.5	
129 1,3,5-Trichlorobenzene	180	11.196	11.196	0.000	96	98084	20.0	19.8	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	94	97065	20.0	19.8	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	96	33814	20.0	18.6	
132 Naphthalene	128	11.814	11.814	0.000	99	255140	20.0	21.9	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	95	92381	20.0	20.3	
S 134 1,2-Dichloroethene, Total	100				0		40.0	39.5	
S 135 Xylenes, Total	100				0		40.0	42.4	

Reagents:

GASES Li_00268	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00082	Amount Added: 20.00	Units: uL	
ACROLEIN W_00078	Amount Added: 4.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32014.D

Injection Date: 10-Jul-2018 00:00:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

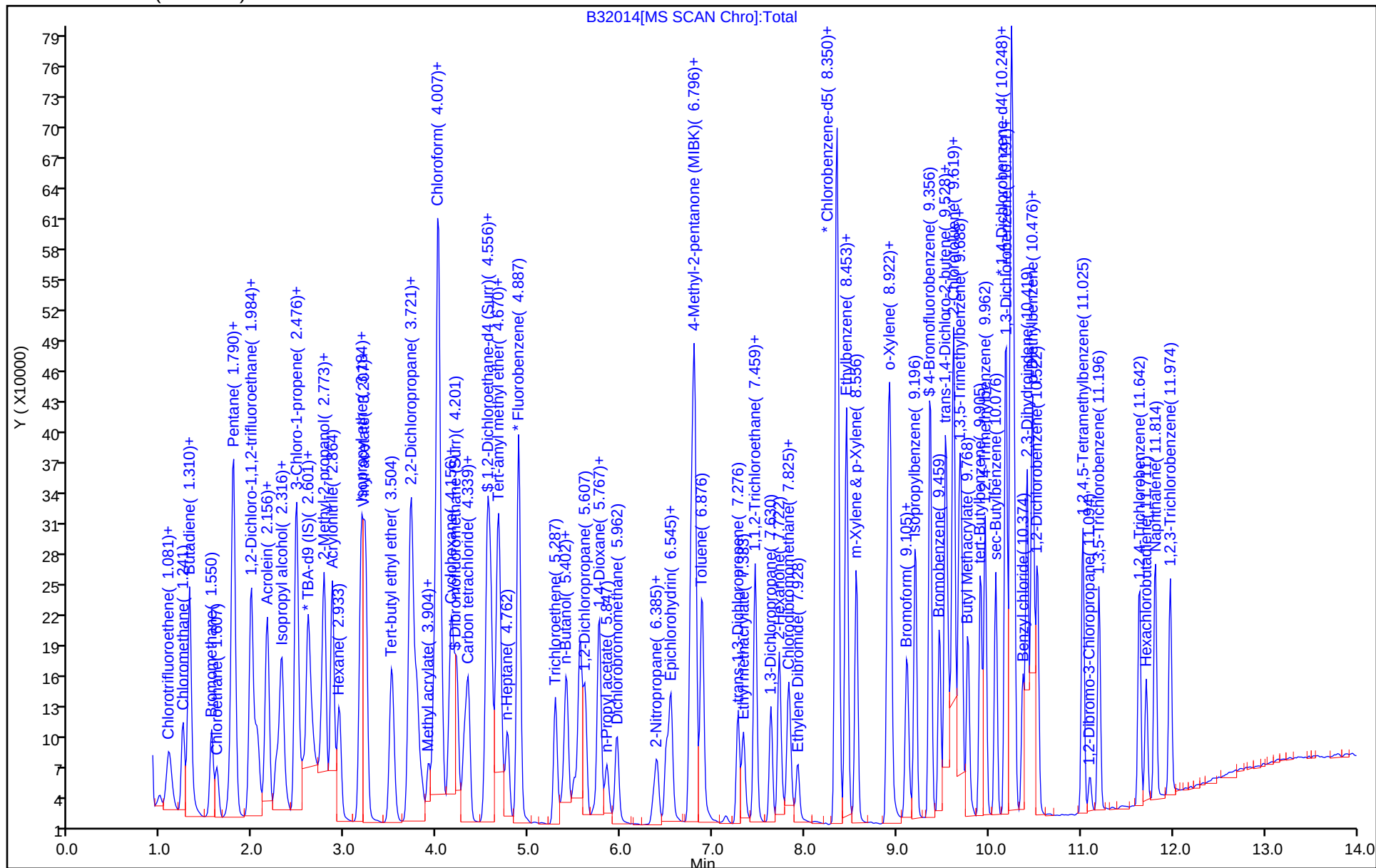
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-535008/2 Calibration Date: 07/10/2018 11:52
 Instrument ID: CVOAMS2 Calib Start Date: 07/09/2018 14:08
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2018 21:16
 Lab File ID: B32043.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0778	0.0803		20.6	20.0	3.2	20.0
Dichlorodifluoromethane	Ave	0.4749	0.4801	0.1000	20.2	20.0	1.1	20.0
Chloromethane	Ave	0.6536	0.5663	0.1000	17.3	20.0	-13.4	20.0
Butadiene	Ave	0.4763	0.4656		19.5	20.0	-2.3	20.0
Vinyl chloride	Ave	0.5696	0.5428	0.1000	19.1	20.0	-4.7	20.0
Bromomethane	Ave	0.3717	0.3440	0.1000	18.5	20.0	-7.4	50.0
Chloroethane	Ave	0.3026	0.2756	0.1000	18.2	20.0	-8.9	50.0
Dichlorofluoromethane	Ave	0.7426	0.7450		20.1	20.0	0.3	20.0
Pentane	Ave	1.698	1.941		45.7	40.0	14.3	20.0
Trichlorofluoromethane	Ave	0.4973	0.5051	0.1000	20.3	20.0	1.6	20.0
Ethanol	Ave	0.0768	0.0771		804	800	0.5	50.0
Ethyl ether	Ave	0.2863	0.2663		18.6	20.0	-7.0	20.0
2-Methyl-1,3-butadiene	Ave	0.3092	0.3156		20.4	20.0	2.1	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2773	0.2750		19.8	20.0	-0.8	20.0
Acrolein	Lin2		2.260		45.5	40.0	13.8	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2964	0.2873	0.1000	19.4	20.0	-3.1	20.0
1,1-Dichloroethene	Ave	0.2997	0.2896	0.1000	19.3	20.0	-3.4	20.0
Acetone	Ave	0.7863	0.7461	0.0500	94.9	100	-5.1	50.0
Iodomethane	Ave	0.5898	0.5511		18.7	20.0	-6.6	20.0
Carbon disulfide	Ave	1.257	1.111	0.1000	17.7	20.0	-11.6	50.0
Isopropyl alcohol	Ave	0.8442	0.7729		183	200	-8.4	50.0
Allyl chloride	Ave	0.2217	0.2018		18.2	20.0	-9.0	20.0
Cyclopentene	Ave	0.7816	0.7634		19.5	20.0	-2.3	20.0
Methyl acetate	Ave	0.2546	0.2446	0.1000	38.4	40.0	-3.9	20.0
Acetonitrile	QuaF		0.0552		191	200	-4.4	20.0
Methylene Chloride	Ave	0.3802	0.3407	0.1000	17.9	20.0	-10.4	20.0
2-Methyl-2-propanol	Ave	1.385	1.276		184	200	-7.9	50.0
Methyl tert-butyl ether	Ave	0.9168	0.8884	0.1000	19.4	20.0	-3.1	20.0
trans-1,2-Dichloroethene	QuaF		0.3070	0.1000	16.5	20.0	-17.6	20.0
Acrylonitrile	QuaF		0.1142		169	200	-15.3	20.0
Hexane	QuaF		0.2633		18.8	20.0	-5.8	20.0
Isopropyl ether	Ave	1.309	1.296		19.8	20.0	-1.0	20.0
1,1-Dichloroethane	Ave	0.6583	0.6400	0.2000	19.4	20.0	-2.8	20.0
2-Chloro-1,3-butadiene	Ave	0.2842	0.2713		19.1	20.0	-4.5	20.0
Vinyl acetate	Ave	2.147	1.969		36.7	40.0	-8.3	20.0
Tert-butyl ethyl ether	Ave	1.102	1.043		18.9	20.0	-5.3	20.0
2,2-Dichloropropane	Lin2		0.3570		21.3	20.0	6.3	20.0
cis-1,2-Dichloroethene	Ave	0.3648	0.3350	0.1000	18.4	20.0	-8.2	20.0
2-Butanone (MEK)	Ave	0.2392	0.2347	0.0500	98.1	100	-1.9	50.0
Ethyl acetate	Ave	0.2536	0.2419		38.1	40.0	-4.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Lab Sample ID: CCVIS 460-535008/2 Calibration Date: 07/10/2018 11:52

Instrument ID: CVOAMS2 Calib Start Date: 07/09/2018 14:08

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2018 21:16

Lab File ID: B32043.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl acrylate	Ave	0.0353	0.0345		19.5	20.0	-2.4	20.0
Propionitrile	Ave	1.599	1.509		189	200	-5.6	20.0
Tetrahydrofuran	Ave	0.2717	0.2248		33.1	40.0	-17.2	20.0
Chlorobromomethane	QuaF		0.1601		16.5	20.0	-17.6	20.0
Methacrylonitrile	Ave	0.1132	0.1094		193	200	-3.3	20.0
Chloroform	Ave	0.5668	0.5454	0.2000	19.2	20.0	-3.8	20.0
Cyclohexane	Ave	0.3970	0.3749	0.1000	18.9	20.0	-5.6	50.0
1,1,1-Trichloroethane	Ave	0.4547	0.4460	0.1000	19.6	20.0	-1.9	20.0
Carbon tetrachloride	Ave	0.3772	0.3735	0.1000	19.8	20.0	-1.0	20.0
1,1-Dichloropropene	Ave	0.4280	0.3916		18.3	20.0	-8.5	20.0
2,2,4-Trimethylpentane	Ave	0.6458	0.6413		19.9	20.0	-0.7	20.0
Benzene	Ave	1.753	1.689	0.5000	19.3	20.0	-3.7	20.0
Isobutyl alcohol	Ave	0.1353	0.1216		449	500	-10.1	50.0
Tert-amyl methyl ether	Ave	1.041	0.9806		18.8	20.0	-5.8	20.0
1,2-Dichloroethane	Lin2		0.4049	0.1000	19.5	20.0	-2.4	20.0
Isopropyl acetate	Ave	0.1639	0.1480		18.1	20.0	-9.7	20.0
n-Heptane	QuaF		0.1326		16.8	20.0	-15.8	20.0
Trichloroethene	Ave	0.3009	0.2771	0.2000	18.4	20.0	-7.9	20.0
n-Butanol	Ave	0.1886	0.1620		429	500	-14.1	50.0
Methylcyclohexane	Ave	0.3899	0.3758	0.1000	19.3	20.0	-3.6	50.0
Ethyl acrylate	Ave	0.3609	0.3399		18.8	20.0	-5.8	20.0
1,2-Dichloropropane	Ave	0.3470	0.3217	0.1000	18.5	20.0	-7.3	20.0
Dibromomethane	Ave	0.1979	0.1856		18.8	20.0	-6.2	20.0
Methyl methacrylate	Ave	0.0594	0.0521		35.1	40.0	-12.3	20.0
1,4-Dioxane	Lin2		1.363		424	400	5.9	50.0
n-Propyl acetate	Ave	0.4394	0.3996		18.2	20.0	-9.1	20.0
Dichlorobromomethane	Ave	0.4233	0.3914	0.2000	18.5	20.0	-7.5	20.0
2-Nitropropane	QuaF		0.0605		31.2	40.0	-21.9*	20.0
2-Chloroethyl vinyl ether	Ave	0.1830	0.1565		17.1	20.0	-14.5	20.0
Epichlorohydrin	QuaF		0.1969		302	400	-24.4*	20.0
cis-1,3-Dichloropropene	Ave	0.6883	0.6347	0.2000	18.4	20.0	-7.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.539	2.451	0.0500	96.5	100	-3.5	50.0
Toluene	Ave	1.682	1.606	0.4000	19.1	20.0	-4.5	20.0
trans-1,3-Dichloropropene	Ave	0.5948	0.5825	0.1000	19.6	20.0	-2.1	50.0
Ethyl methacrylate	Ave	0.4632	0.4266		18.4	20.0	-7.9	20.0
1,1,2-Trichloroethane	Ave	0.3142	0.3041	0.1000	19.4	20.0	-3.2	20.0
Tetrachloroethene	Ave	0.4202	0.4076	0.2000	19.4	20.0	-3.0	20.0
1,3-Dichloropropane	Ave	0.6020	0.5893		19.6	20.0	-2.1	20.0
2-Hexanone	Ave	1.476	1.412	0.0500	95.6	100	-4.4	50.0
Chlorodibromomethane	Ave	0.3989	0.3752	0.1000	18.8	20.0	-5.9	50.0
n-Butyl acetate	Ave	0.0866	0.0818		18.9	20.0	-5.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Lab Sample ID: CCVIS 460-535008/2 Calibration Date: 07/10/2018 11:52

Instrument ID: CVOAMS2 Calib Start Date: 07/09/2018 14:08

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2018 21:16

Lab File ID: B32043.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	0.3531	0.3286	0.1000	18.6	20.0	-6.9	20.0
Chlorobenzene	Ave	1.077	1.008	0.5000	18.7	20.0	-6.4	20.0
Ethylbenzene	Ave	0.5468	0.5011	0.1000	18.3	20.0	-8.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4092	0.3773		18.4	20.0	-7.8	20.0
m-Xylene & p-Xylene	Ave	0.6724	0.6447	0.1000	19.2	20.0	-4.1	20.0
o-Xylene	Ave	0.6838	0.6228	0.3000	18.2	20.0	-8.9	20.0
n-Butyl acrylate	Ave	0.2282	0.2223		19.5	20.0	-2.6	20.0
Styrene	Ave	1.154	1.059	0.3000	18.4	20.0	-8.2	20.0
Bromoform	Ave	0.2559	0.2410	0.1000	18.8	20.0	-5.8	20.0
Isopropylbenzene	Ave	1.687	1.538	0.1000	18.2	20.0	-8.9	20.0
Bromobenzene	Ave	0.8811	0.7993		18.1	20.0	-9.3	20.0
1,1,2,2-Tetrachloroethane	QuaF		0.4911	0.3000	14.6	20.0	-27.2*	20.0
N-Propylbenzene	Ave	3.517	3.277		18.6	20.0	-6.8	20.0
1,2,3-Trichloropropane	Ave	0.2093	0.1966		18.8	20.0	-6.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3084	0.3037		19.7	20.0	-1.5	20.0
2-Chlorotoluene	Ave	2.631	2.402		18.3	20.0	-8.7	20.0
4-Ethyltoluene	Ave	3.141	2.817		17.9	20.0	-10.3	20.0
1,3,5-Trimethylbenzene	Ave	2.552	2.447		19.2	20.0	-4.1	20.0
4-Chlorotoluene	Ave	2.607	2.417		18.5	20.0	-7.3	20.0
Butyl Methacrylate	QuaF		0.6077		11.8	20.0	-41.2*	20.0
tert-Butylbenzene	Ave	1.480	1.233		16.7	20.0	-16.6	20.0
1,2,4-Trimethylbenzene	Ave	2.616	2.401		18.4	20.0	-8.2	20.0
sec-Butylbenzene	Ave	2.823	2.554		18.1	20.0	-9.5	20.0
1,3-Dichlorobenzene	Ave	1.604	1.466	0.6000	18.3	20.0	-8.6	20.0
4-Isopropyltoluene	Ave	2.386	2.224		18.6	20.0	-6.8	20.0
1,4-Dichlorobenzene	Ave	1.722	1.595	0.5000	18.5	20.0	-7.3	20.0
1,2,3-Trimethylbenzene	Ave	2.784	2.589		18.6	20.0	-7.0	20.0
Benzyl chloride	Ave	0.3428	0.3274		19.1	20.0	-4.5	50.0
Indan	Ave	3.083	2.751		17.8	20.0	-10.8	20.0
p-Diethylbenzene	Ave	1.353	1.218		18.0	20.0	-10.0	20.0
n-Butylbenzene	Ave	1.306	1.186		18.2	20.0	-9.2	20.0
1,2-Dichlorobenzene	Ave	1.616	1.487	0.4000	18.4	20.0	-8.0	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.397	2.182		18.2	20.0	-9.0	20.0
1,2-Dibromo-3-Chloropropane	QuaF		0.0859	0.0500	14.2	20.0	-29.2	50.0
1,3,5-Trichlorobenzene	Ave	1.156	1.054		18.2	20.0	-8.8	20.0
1,2,4-Trichlorobenzene	Ave	1.145	1.069	0.2000	18.7	20.0	-6.6	20.0
Hexachlorobutadiene	QuaF		0.3410		16.0	20.0	-19.9	20.0
Naphthalene	Ave	2.721	2.369		17.4	20.0	-12.9	50.0
1,2,3-Trichlorobenzene	Ave	1.065	0.9796		18.4	20.0	-8.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2130	0.2064		48.4	50.0	-3.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2416	0.2312		47.9	50.0	-4.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-159568-1
SDG No.: _____
Lab Sample ID: CCVIS 460-535008/2 Calibration Date: 07/10/2018 11:52
Instrument ID: CVOAMS2 Calib Start Date: 07/09/2018 14:08
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2018 21:16
Lab File ID: B32043.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
Toluene-d8 (Surr)	Ave	1.104	1.085		49.1	50.0	-1.7	20.0
4-Bromofluorobenzene	Ave	0.4587	0.4935		53.8	50.0	7.6	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32043.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 10-Jul-2018 11:52:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0075202-002
 Operator ID: Instrument ID: CVOAMS2
 Sublist: chrom-8260W_2*sub60
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 18:06:24 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:29:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.081	1.081	0.000	90	17174	20.0	20.6	
2 Dichlorodifluoromethane	85	1.104	1.104	0.000	99	102729	20.0	20.2	
3 Chloromethane	50	1.253	1.253	0.000	99	121190	20.0	17.3	
4 Butadiene	54	1.321	1.321	0.000	97	99636	20.0	19.5	
5 Vinyl chloride	62	1.333	1.333	0.000	97	116146	20.0	19.1	
6 Bromomethane	94	1.573	1.573	0.000	99	73619	20.0	18.5	
7 Chloroethane	64	1.618	1.618	0.000	99	58965	20.0	18.2	
9 Dichlorofluoromethane	67	1.801	1.801	0.000	98	159426	20.0	20.1	
8 Trichlorofluoromethane	101	1.801	1.801	0.000	51	108080	20.0	20.3	
10 Pentane	72	1.801	1.801	0.000	95	21110	40.0	45.7	
12 Ethyl ether	59	1.984	1.984	0.000	87	56994	20.0	18.6	
11 Ethanol	46	1.984	1.984	0.000	85	16777	800.0	803.7	
13 2-Methyl-1,3-butadiene	53	1.996	1.996	0.000	95	67535	20.0	20.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.053	2.053	0.000	93	58851	20.0	19.8	
15 Acrolein	56	2.144	2.144	0.000	93	24578	40.0	45.5	
17 1,1,2-Trichloro-1,2,2-trif	101	2.167	2.167	0.000	97	61486	20.0	19.4	
16 1,1-Dichloroethene	96	2.167	2.167	0.000	94	61973	20.0	19.3	
18 Acetone	43	2.258	2.258	0.000	84	95955	100.0	94.9	
19 Iodomethane	142	2.304	2.304	0.000	98	117936	20.0	18.7	
20 Carbon disulfide	76	2.338	2.338	0.000	100	237692	20.0	17.7	
21 Isopropyl alcohol	45	2.373	2.373	0.000	96	42027	200.0	183.1	
22 3-Chloro-1-propene	76	2.476	2.476	0.000	87	43183	20.0	18.2	
23 Cyclopentene	67	2.487	2.487	0.000	92	163357	20.0	19.5	
24 Methyl acetate	43	2.498	2.498	0.000	99	104681	40.0	38.4	
25 Acetonitrile	41	2.556	2.556	0.000	99	118056	200.0	191.1	a
26 Methylene Chloride	84	2.613	2.613	0.000	97	72917	20.0	17.9	
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	271870	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.704	2.704	0.000	98	69408	200.0	184.3	
29 Methyl tert-butyl ether	73	2.773	2.773	0.000	98	190117	20.0	19.4	
30 trans-1,2-Dichloroethene	96	2.784	2.784	0.000	98	65691	20.0	16.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.876	2.876	0.000	94	244399	200.0	169.4	
32 Hexane	43	2.944	2.944	0.000	93	56351	20.0	18.8	
33 Isopropyl ether	45	3.184	3.184	0.000	94	277428	20.0	19.8	
34 1,1-Dichloroethane	63	3.196	3.196	0.000	99	136958	20.0	19.4	
35 Vinyl acetate	86	3.230	3.230	0.000	100	21417	40.0	36.7	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	92	58061	20.0	19.1	
37 Tert-butyl ethyl ether	59	3.516	3.516	0.000	88	223116	20.0	18.9	
38 2,2-Dichloropropane	41	3.710	3.710	0.000	93	76387	20.0	21.3	
* 39 2-Butanone-d5	46	3.721	3.721	0.000	0	321528	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	92	71689	20.0	18.4	
41 2-Butanone (MEK)	72	3.779	3.779	0.000	95	30188	100.0	98.1	
42 Ethyl acetate	70	3.801	3.801	0.000	95	12442	40.0	38.1	
43 Methyl acrylate	85	3.847	3.847	0.000	97	7378	20.0	19.5	
44 Propionitrile	54	3.916	3.916	0.000	96	82076	200.0	188.8	
45 Tetrahydrofuran	72	3.973	3.973	0.000	65	11567	40.0	33.1	
46 Chlorobromomethane	128	3.984	3.984	0.000	93	34250	20.0	16.5	
47 Methacrylonitrile	67	4.019	4.019	0.000	97	234125	200.0	193.3	
48 Chloroform	83	4.053	4.053	0.000	96	116719	20.0	19.2	
49 Cyclohexane	84	4.156	4.156	0.000	96	80220	20.0	18.9	
50 1,1,1-Trichloroethane	97	4.190	4.190	0.000	98	95445	20.0	19.6	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.224	0.000	96	110395	50.0	48.4	
52 Carbon tetrachloride	117	4.304	4.304	0.000	96	79921	20.0	19.8	
53 1,1-Dichloropropene	75	4.350	4.350	0.000	93	83803	20.0	18.3	
54 Isooctane	57	4.544	4.544	0.000	90	137227	20.0	19.9	
55 Benzene	78	4.556	4.556	0.000	98	255092	20.0	19.3	
56 Isobutyl alcohol	74	4.556	4.556	0.000	71	16526	500.0	449.4	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	86	123699	50.0	47.9	
59 Tert-amyl methyl ether	73	4.670	4.670	0.000	91	209835	20.0	18.8	
60 1,2-Dichloroethane	62	4.682	4.682	0.000	95	86638	20.0	19.5	
61 Isopropyl acetate	61	4.693	4.693	0.000	97	31671	20.0	18.1	
62 n-Heptane	57	4.773	4.773	0.000	86	28370	20.0	16.8	
* 63 Fluorobenzene	96	4.899	4.899	0.000	98	534983	50.0	50.0	
64 Trichloroethene	95	5.299	5.299	0.000	96	59297	20.0	18.4	
65 n-Butanol	43	5.379	5.379	0.000	90	22015	500.0	429.4	
66 Methylcyclohexane	83	5.413	5.413	0.000	92	80412	20.0	19.3	
67 Ethyl acrylate	55	5.493	5.493	0.000	98	72727	20.0	18.8	
69 1,2-Dichloropropane	63	5.619	5.619	0.000	92	68833	20.0	18.5	
* 70 1,4-Dioxane-d8	96	5.722	5.722	0.000	96	19853	1000.0	1000.0	
72 Dibromomethane	93	5.767	5.767	0.000	93	39720	20.0	18.8	
71 Methyl methacrylate	100	5.767	5.767	0.000	95	22279	40.0	35.1	
73 1,4-Dioxane	88	5.779	5.779	0.000	32	10826	400.0	423.7	
74 n-Propyl acetate	43	5.859	5.859	0.000	99	85502	20.0	18.2	
75 Dichlorobromomethane	83	5.962	5.962	0.000	98	83756	20.0	18.5	
76 2-Nitropropane	41	6.362	6.362	0.000	96	25900	40.0	31.2	
77 2-Chloroethyl vinyl ether	63	6.396	6.396	0.000	96	33496	20.0	17.1	
78 Epichlorohydrin	57	6.499	6.499	0.000	100	101301	400.0	302.4	
79 cis-1,3-Dichloropropene	75	6.545	6.545	0.000	98	95889	20.0	18.4	
80 4-Methyl-2-pentanone (MIBK	43	6.773	6.773	0.000	98	315240	100.0	96.5	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.807	0.000	98	409756	50.0	49.1	
82 Toluene	91	6.887	6.887	0.000	92	242646	20.0	19.1	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	96	88006	20.0	19.6	
84 Ethyl methacrylate	69	7.333	7.333	0.000	94	64444	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	95	45942	20.0	19.4	
85 Tetrachloroethene	166	7.470	7.470	0.000	96	61576	20.0	19.4	
87 1,3-Dichloropropane	76	7.630	7.630	0.000	97	89031	20.0	19.6	
88 2-Hexanone	43	7.722	7.722	0.000	99	181564	100.0	95.6	
89 Chlorodibromomethane	129	7.825	7.825	0.000	96	56679	20.0	18.8	
90 n-Butyl acetate	73	7.836	7.836	0.000	98	12364	20.0	18.9	
91 Ethylene Dibromide	107	7.928	7.928	0.000	98	49645	20.0	18.6	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	377686	50.0	50.0	
93 Chlorobenzene	112	8.373	8.373	0.000	93	152278	20.0	18.7	
94 Ethylbenzene	106	8.453	8.453	0.000	99	75705	20.0	18.3	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	95	57000	20.0	18.4	
96 m-Xylene & p-Xylene	106	8.568	8.568	0.000	0	97399	20.0	19.2	
97 o-Xylene	106	8.911	8.911	0.000	93	94088	20.0	18.2	
98 n-Butyl acrylate	73	8.933	8.933	0.000	94	33579	20.0	19.5	
99 Styrene	104	8.933	8.933	0.000	93	160058	20.0	18.4	
100 Bromoform	173	9.105	9.105	0.000	97	36411	20.0	18.8	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	87	93553	20.0	16.3	
102 Isopropylbenzene	105	9.208	9.208	0.000	97	232323	20.0	18.2	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	94	186403	50.0	53.8	
104 Bromobenzene	156	9.471	9.471	0.000	95	69564	20.0	18.1	
105 1,1,2,2-Tetrachloroethane	83	9.528	9.528	0.000	98	42737	20.0	14.6	
106 N-Propylbenzene	91	9.528	9.528	0.000	98	285191	20.0	18.6	
107 1,2,3-Trichloropropane	110	9.551	9.551	0.000	97	17108	20.0	18.8	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	83	26427	20.0	19.7	
109 2-Chlorotoluene	91	9.619	9.619	0.000	97	209011	20.0	18.3	
110 4-Ethyltoluene	105	9.631	9.631	0.000	98	245162	20.0	17.9	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	94	213000	20.0	19.2	
112 4-Chlorotoluene	91	9.711	9.711	0.000	99	210319	20.0	18.5	
113 Butyl Methacrylate	87	9.779	9.779	0.000	96	52887	20.0	11.8	
114 tert-Butylbenzene	91	9.916	9.916	0.000	94	107348	20.0	16.7	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	98	208926	20.0	18.4	
116 sec-Butylbenzene	105	10.076	10.076	0.000	99	222278	20.0	18.1	
117 1,3-Dichlorobenzene	146	10.191	10.191	0.000	95	127625	20.0	18.3	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	98	193544	20.0	18.6	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	95	217579	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	94	138843	20.0	18.5	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	99	225311	20.0	18.6	
122 Benzyl chloride	126	10.374	10.374	0.000	98	28496	20.0	19.1	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	93	239447	20.0	17.8	
124 p-Diethylbenzene	105	10.465	10.465	0.000	92	105964	20.0	18.0	
125 n-Butylbenzene	92	10.488	10.488	0.000	97	103221	20.0	18.2	
126 1,2-Dichlorobenzene	146	10.534	10.534	0.000	96	129446	20.0	18.4	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	189886	20.0	18.2	
128 1,2-Dibromo-3-Chloropropan	75	11.105	11.105	0.000	94	7476	20.0	14.2	
129 1,3,5-Trichlorobenzene	180	11.196	11.196	0.000	97	91719	20.0	18.2	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	92	93060	20.0	18.7	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	95	29676	20.0	16.0	
132 Naphthalene	128	11.814	11.814	0.000	99	206176	20.0	17.4	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	95	85260	20.0	18.4	
S 134 1,2-Dichloroethene, Total	100				0		40.0	34.8	
S 135 Xylenes, Total	100				0		40.0	37.4	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00078	Amount Added: 4.00	Units: uL	
GASES Li_00268	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00082	Amount Added: 20.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75202.b\\B32043.D

Injection Date: 10-Jul-2018 11:52:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

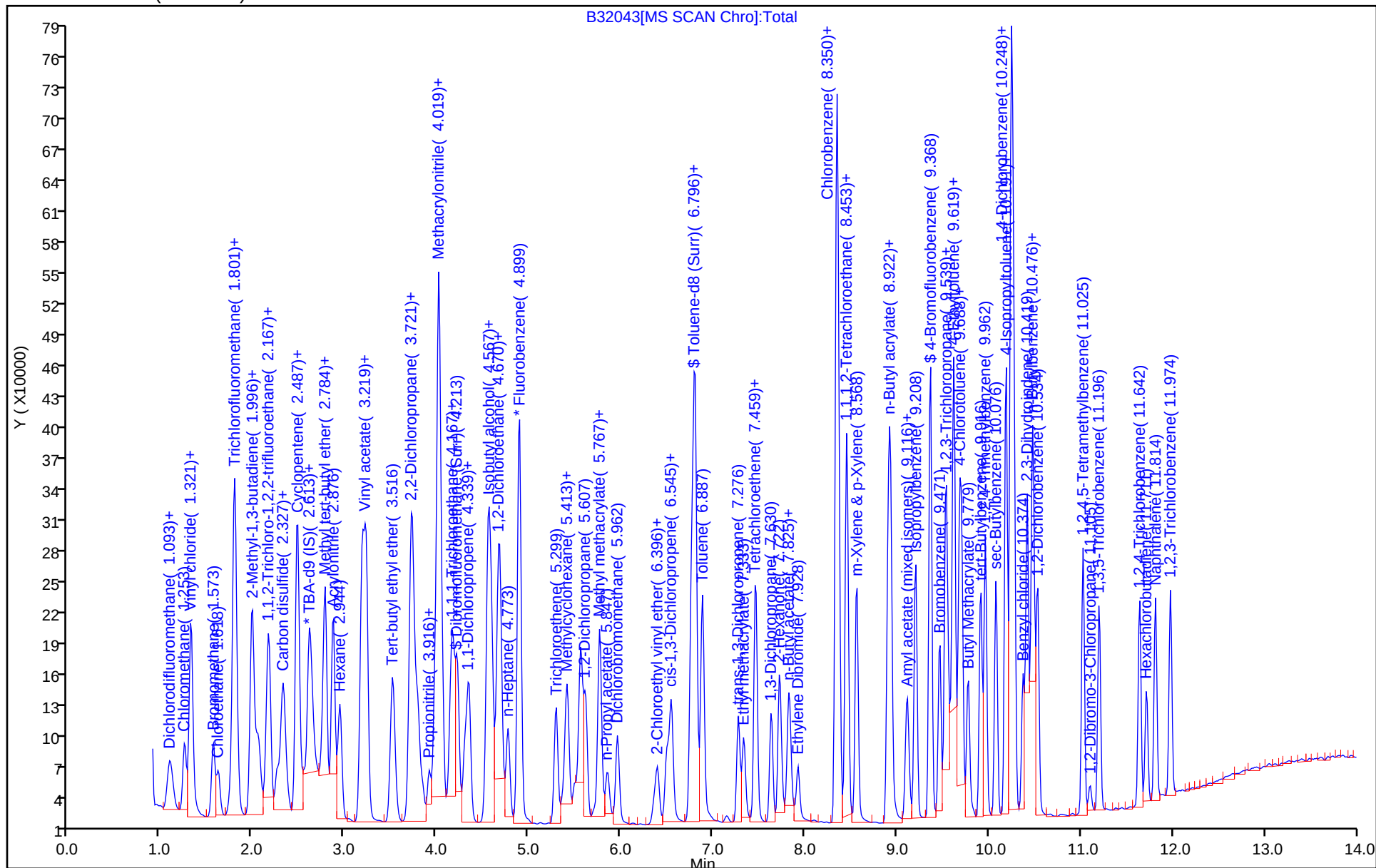
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32043.D

Injection Date: 10-Jul-2018 11:52:30

Instrument ID: CVOAMS2

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

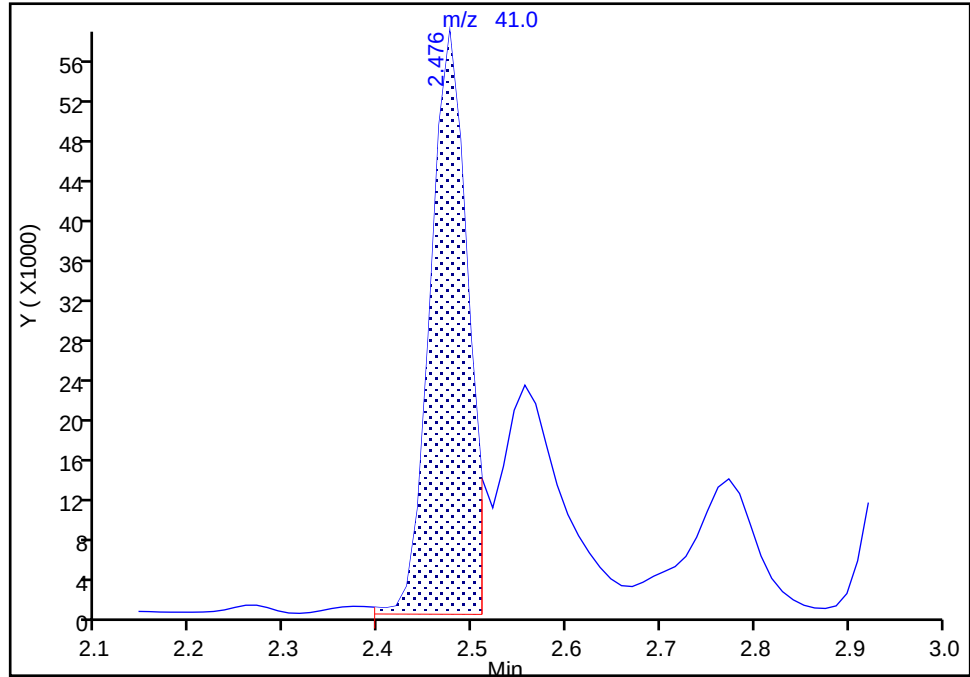
Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

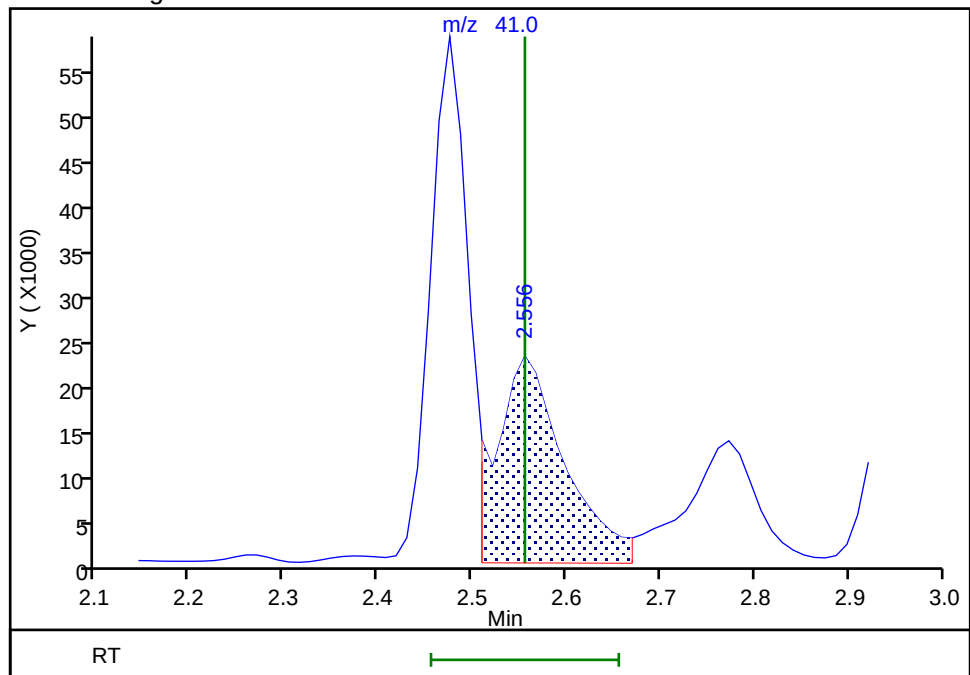
RT: 2.48
Area: 165071
Amount: 268.8725
Amount Units: ug/l

Processing Integration Results



RT: 2.56
Area: 118056
Amount: 191.1075
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 10-Jul-2018 17:28:31

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-535140/2 Calibration Date: 07/10/2018 22:36
 Instrument ID: CVOAMS2 Calib Start Date: 07/09/2018 14:08
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2018 21:16
 Lab File ID: B32068.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0778	0.0967		24.9	20.0	24.3*	20.0
Dichlorodifluoromethane	Ave	0.4749	0.4781	0.1000	20.1	20.0	0.7	20.0
Chloromethane	Ave	0.6536	0.6043	0.1000	18.5	20.0	-7.5	20.0
Butadiene	Ave	0.4763	0.4733		19.9	20.0	-0.6	20.0
Vinyl chloride	Ave	0.5696	0.5647	0.1000	19.8	20.0	-0.9	20.0
Bromomethane	Ave	0.3717	0.3668	0.1000	19.7	20.0	-1.3	50.0
Chloroethane	Ave	0.3026	0.3090	0.1000	20.4	20.0	2.1	50.0
Dichlorofluoromethane	Ave	0.7426	0.8093		21.8	20.0	9.0	20.0
Pentane	Ave	1.698	1.908		44.9	40.0	12.3	20.0
Trichlorofluoromethane	Ave	0.4973	0.5384	0.1000	21.7	20.0	8.3	20.0
Ethanol	Ave	0.0768	0.0672		700	800	-12.5	50.0
Ethyl ether	Ave	0.2863	0.3112		21.7	20.0	8.7	20.0
2-Methyl-1,3-butadiene	Ave	0.3092	0.3470		22.4	20.0	12.2	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2773	0.3196		23.0	20.0	15.2	20.0
Acrolein	Lin2		2.234		45.0	40.0	12.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2964	0.3208	0.1000	21.6	20.0	8.2	20.0
1,1-Dichloroethene	Ave	0.2997	0.3050	0.1000	20.3	20.0	1.7	20.0
Acetone	Ave	0.7863	0.8279	0.0500	105	100	5.3	50.0
Iodomethane	Ave	0.5898	0.6144		20.8	20.0	4.2	20.0
Carbon disulfide	Ave	1.257	1.262	0.1000	20.1	20.0	0.5	50.0
Isopropyl alcohol	Ave	0.8442	0.7616		180	200	-9.8	50.0
Allyl chloride	Ave	0.2217	0.2219		20.0	20.0	0.0	20.0
Cyclopentene	Ave	0.7816	0.8600		22.0	20.0	10.0	20.0
Methyl acetate	Ave	0.2546	0.3013	0.1000	47.3	40.0	18.3	20.0
Acetonitrile	QuaF		0.0602		209	200	4.3	20.0
Methylene Chloride	Ave	0.3802	0.3837	0.1000	20.2	20.0	0.9	20.0
2-Methyl-2-propanol	Ave	1.385	1.281		185	200	-7.5	50.0
Methyl tert-butyl ether	Ave	0.9168	1.022	0.1000	22.3	20.0	11.5	20.0
trans-1,2-Dichloroethene	QuaF		0.3384	0.1000	18.2	20.0	-9.1	20.0
Acrylonitrile	QuaF		0.1431		213	200	6.4	20.0
Hexane	QuaF		0.2852		20.4	20.0	2.1	20.0
1,1-Dichloroethane	Ave	0.6583	0.7126	0.2000	21.6	20.0	8.2	20.0
Isopropyl ether	Ave	1.309	1.426		21.8	20.0	8.9	20.0
2-Chloro-1,3-butadiene	Ave	0.2842	0.2973		20.9	20.0	4.6	20.0
Vinyl acetate	Ave	2.147	2.160		40.2	40.0	0.6	20.0
Tert-butyl ethyl ether	Ave	1.102	1.149		20.9	20.0	4.3	20.0
2,2-Dichloropropane	Lin2		0.4002		24.0	20.0	20.0	20.0
cis-1,2-Dichloroethene	Ave	0.3648	0.3751	0.1000	20.6	20.0	2.8	20.0
2-Butanone (MEK)	Ave	0.2392	0.2319	0.0500	96.9	100	-3.1	50.0
Ethyl acetate	Ave	0.2536	0.2397		37.8	40.0	-5.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Lab Sample ID: CCVIS 460-535140/2 Calibration Date: 07/10/2018 22:36

Instrument ID: CVOAMS2 Calib Start Date: 07/09/2018 14:08

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2018 21:16

Lab File ID: B32068.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl acrylate	Ave	0.0353	0.0404		22.8	20.0	14.2	20.0
Propionitrile	Ave	1.599	1.687		211	200	5.5	20.0
Chlorobromomethane	QuaF		0.1876		19.3	20.0	-3.3	20.0
Tetrahydrofuran	Ave	0.2717	0.2562		37.7	40.0	-5.7	20.0
Methacrylonitrile	Ave	0.1132	0.1292		228	200	14.1	20.0
Chloroform	Ave	0.5668	0.6018	0.2000	21.2	20.0	6.2	20.0
Cyclohexane	Ave	0.3970	0.4095	0.1000	20.6	20.0	3.1	50.0
1,1,1-Trichloroethane	Ave	0.4547	0.4905	0.1000	21.6	20.0	7.9	20.0
Carbon tetrachloride	Ave	0.3772	0.4123	0.1000	21.9	20.0	9.3	20.0
1,1-Dichloropropene	Ave	0.4280	0.4188		19.6	20.0	-2.1	20.0
2,2,4-Trimethylpentane	Ave	0.6458	0.7159		22.2	20.0	10.9	20.0
Benzene	Ave	1.753	1.857	0.5000	21.2	20.0	5.9	20.0
Isobutyl alcohol	Ave	0.1353	0.1213		448	500	-10.3	50.0
Tert-amyl methyl ether	Ave	1.041	1.100		21.1	20.0	5.6	20.0
1,2-Dichloroethane	Lin2		0.4694	0.1000	22.7	20.0	13.5	20.0
Isopropyl acetate	Ave	0.1639	0.1835		22.4	20.0	12.0	20.0
n-Heptane	QuaF		0.1458		18.5	20.0	-7.3	20.0
Trichloroethene	Ave	0.3009	0.2933	0.2000	19.5	20.0	-2.5	20.0
n-Butanol	Ave	0.1886	0.1665		441	500	-11.7	50.0
Methylcyclohexane	Ave	0.3899	0.4035	0.1000	20.7	20.0	3.5	50.0
Ethyl acrylate	Ave	0.3609	0.3863		21.4	20.0	7.0	20.0
1,2-Dichloropropane	Ave	0.3470	0.3600	0.1000	20.7	20.0	3.7	20.0
Dibromomethane	Ave	0.1979	0.2084		21.1	20.0	5.3	20.0
Methyl methacrylate	Ave	0.0594	0.0635		42.8	40.0	6.9	20.0
1,4-Dioxane	Lin2		1.054		321	400	-19.7	50.0
n-Propyl acetate	Ave	0.4394	0.4808		21.9	20.0	9.4	20.0
Dichlorobromomethane	Ave	0.4233	0.4248	0.2000	20.1	20.0	0.4	20.0
2-Nitropropane	QuaF		0.0755		39.0	40.0	-2.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1830	0.1977		21.6	20.0	8.0	20.0
Epichlorohydrin	QuaF		0.2090		321	400	-19.7	20.0
cis-1,3-Dichloropropene	Ave	0.6883	0.7023	0.2000	20.4	20.0	2.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.539	2.510	0.0500	98.8	100	-1.2	50.0
Toluene	Ave	1.682	1.673	0.4000	19.9	20.0	-0.5	20.0
trans-1,3-Dichloropropene	Ave	0.5948	0.6190	0.1000	20.8	20.0	4.1	50.0
Ethyl methacrylate	Ave	0.4632	0.5052		21.8	20.0	9.1	20.0
1,1,2-Trichloroethane	Ave	0.3142	0.3569	0.1000	22.7	20.0	13.6	20.0
Tetrachloroethene	Ave	0.4202	0.4225	0.2000	20.1	20.0	0.5	20.0
1,3-Dichloropropane	Ave	0.6020	0.6376		21.2	20.0	5.9	20.0
2-Hexanone	Ave	1.476	1.445	0.0500	97.9	100	-2.1	50.0
Chlorodibromomethane	Ave	0.3989	0.4186	0.1000	21.0	20.0	4.9	50.0
n-Butyl acetate	Ave	0.0866	0.0957		22.1	20.0	10.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-535140/2 Calibration Date: 07/10/2018 22:36
 Instrument ID: CVOAMS2 Calib Start Date: 07/09/2018 14:08
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2018 21:16
 Lab File ID: B32068.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	0.3531	0.3769	0.1000	21.3	20.0	6.7	20.0
Chlorobenzene	Ave	1.077	1.082	0.5000	20.1	20.0	0.4	20.0
Ethylbenzene	Ave	0.5468	0.5648	0.1000	20.7	20.0	3.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4092	0.3993		19.5	20.0	-2.4	20.0
m-Xylene & p-Xylene	Ave	0.6724	0.7085	0.1000	21.1	20.0	5.4	20.0
o-Xylene	Ave	0.6838	0.6778	0.3000	19.8	20.0	-0.9	20.0
n-Butyl acrylate	Ave	0.2282	0.2487		21.8	20.0	9.0	20.0
Styrene	Ave	1.154	1.145	0.3000	19.8	20.0	-0.8	20.0
Bromoform	Ave	0.2559	0.2873	0.1000	22.5	20.0	12.3	20.0
Isopropylbenzene	Ave	1.687	1.688	0.1000	20.0	20.0	0.0	20.0
Bromobenzene	Ave	0.8811	0.8388		19.0	20.0	-4.8	20.0
1,1,2,2-Tetrachloroethane	QuaF		0.5377	0.3000	15.9	20.0	-20.3*	20.0
N-Propylbenzene	Ave	3.517	3.484		19.8	20.0	-0.9	20.0
1,2,3-Trichloropropane	Ave	0.2093	0.2330		22.3	20.0	11.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3084	0.3389		22.0	20.0	9.9	20.0
2-Chlorotoluene	Ave	2.631	2.684		20.4	20.0	2.0	20.0
4-Ethyltoluene	Ave	3.141	3.068		19.5	20.0	-2.3	20.0
1,3,5-Trimethylbenzene	Ave	2.552	2.624		20.6	20.0	2.8	20.0
4-Chlorotoluene	Ave	2.607	2.613		20.0	20.0	0.2	20.0
Butyl Methacrylate	QuaF		0.6326		12.2	20.0	-38.8*	20.0
tert-Butylbenzene	Ave	1.480	1.343		18.2	20.0	-9.2	20.0
1,2,4-Trimethylbenzene	Ave	2.616	2.620		20.0	20.0	0.2	20.0
sec-Butylbenzene	Ave	2.823	2.788		19.8	20.0	-1.2	20.0
1,3-Dichlorobenzene	Ave	1.604	1.592	0.6000	19.9	20.0	-0.7	20.0
4-Isopropyltoluene	Ave	2.386	2.380		19.9	20.0	-0.3	20.0
1,4-Dichlorobenzene	Ave	1.722	1.656	0.5000	19.2	20.0	-3.8	20.0
1,2,3-Trimethylbenzene	Ave	2.784	2.769		19.9	20.0	-0.6	20.0
Benzyl chloride	Ave	0.3428	0.3782		22.1	20.0	10.3	50.0
Indan	Ave	3.083	3.059		19.8	20.0	-0.8	20.0
p-Diethylbenzene	Ave	1.353	1.342		19.8	20.0	-0.8	20.0
n-Butylbenzene	Ave	1.306	1.281		19.6	20.0	-1.9	20.0
1,2-Dichlorobenzene	Ave	1.616	1.607	0.4000	19.9	20.0	-0.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.397	2.292		19.1	20.0	-4.4	20.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1010	0.0500	16.7	20.0	-16.7	50.0
1,3,5-Trichlorobenzene	Ave	1.156	1.134		19.6	20.0	-1.9	20.0
1,2,4-Trichlorobenzene	Ave	1.145	1.077	0.2000	18.8	20.0	-5.9	20.0
Hexachlorobutadiene	QuaF		0.3428		16.1	20.0	-19.4	20.0
Naphthalene	Ave	2.721	2.865		21.1	20.0	5.3	50.0
1,2,3-Trichlorobenzene	Ave	1.065	1.066		20.0	20.0	0.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2130	0.2058		48.3	50.0	-3.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2416	0.2230		46.2	50.0	-7.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-159568-1
SDG No.: _____
Lab Sample ID: CCVIS 460-535140/2 Calibration Date: 07/10/2018 22:36
Instrument ID: CVOAMS2 Calib Start Date: 07/09/2018 14:08
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2018 21:16
Lab File ID: B32068.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
Toluene-d8 (Surr)	Ave	1.104	1.107		50.1	50.0	0.3	20.0
4-Bromofluorobenzene	Ave	0.4587	0.5347		58.3	50.0	16.6	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32068.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 10-Jul-2018 22:36:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0075225-002
 Operator ID: Instrument ID: CVOAMS2
 Sublist: chrom-8260W_2*sub60
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 11-Jul-2018 12:37:47 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: boykink

Date: 10-Jul-2018 23:44:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.070	1.070	0.000	89	19961	20.0	24.9	
2 Dichlorodifluoromethane	85	1.104	1.104	0.000	98	98726	20.0	20.1	
3 Chloromethane	50	1.241	1.241	0.000	98	124785	20.0	18.5	
4 Butadiene	54	1.310	1.310	0.000	95	97735	20.0	19.9	
5 Vinyl chloride	62	1.321	1.321	0.000	98	116619	20.0	19.8	
6 Bromomethane	94	1.561	1.561	0.000	97	75749	20.0	19.7	
7 Chloroethane	64	1.618	1.618	0.000	100	63815	20.0	20.4	
9 Dichlorofluoromethane	67	1.790	1.790	0.000	98	167117	20.0	21.8	
8 Trichlorofluoromethane	101	1.790	1.790	0.000	53	111185	20.0	21.7	
10 Pentane	72	1.790	1.790	0.000	96	22072	40.0	44.9	
12 Ethyl ether	59	1.973	1.973	0.000	85	64263	20.0	21.7	
11 Ethanol	46	1.973	1.973	0.000	88	15547	800.0	700.2	
13 2-Methyl-1,3-butadiene	53	1.984	1.984	0.000	96	71654	20.0	22.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.053	2.053	0.000	97	65986	20.0	23.0	
15 Acrolein	56	2.133	2.133	0.000	94	25846	40.0	45.0	
17 1,1,2-Trichloro-1,2,2-trif	101	2.156	2.156	0.000	95	66240	20.0	21.6	
16 1,1-Dichloroethene	96	2.167	2.167	0.000	94	62977	20.0	20.3	
18 Acetone	43	2.258	2.258	0.000	84	120022	100.0	105.3	
19 Iodomethane	142	2.304	2.304	0.000	98	126868	20.0	20.8	
20 Carbon disulfide	76	2.327	2.327	0.000	100	260694	20.0	20.1	
21 Isopropyl alcohol	45	2.373	2.373	0.000	97	44051	200.0	180.4	
22 3-Chloro-1-propene	76	2.476	2.476	0.000	93	45828	20.0	20.0	
23 Cyclopentene	67	2.476	2.476	0.000	93	177596	20.0	22.0	
24 Methyl acetate	43	2.498	2.498	0.000	99	124436	40.0	47.3	
25 Acetonitrile	41	2.544	2.544	0.000	97	124229	200.0	208.7	
26 Methylene Chloride	84	2.601	2.601	0.000	98	79231	20.0	20.2	
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	289207	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.704	2.704	0.000	94	74115	200.0	185.0	
29 Methyl tert-butyl ether	73	2.773	2.773	0.000	98	211108	20.0	22.3	
30 trans-1,2-Dichloroethene	96	2.784	2.784	0.000	98	69888	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.864	2.864	0.000	94	295447	200.0	212.8	
32 Hexane	43	2.944	2.944	0.000	93	58893	20.0	20.4	
33 Isopropyl ether	45	3.184	3.184	0.000	93	294456	20.0	21.8	
34 1,1-Dichloroethane	63	3.184	3.184	0.000	99	147149	20.0	21.6	
35 Vinyl acetate	86	3.230	3.230	0.000	100	24992	40.0	40.2	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	94	61388	20.0	20.9	
37 Tert-butyl ethyl ether	59	3.516	3.516	0.000	87	237286	20.0	20.9	
38 2,2-Dichloropropane	41	3.710	3.710	0.000	93	82638	20.0	24.0	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	362412	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	94	77449	20.0	20.6	
41 2-Butanone (MEK)	72	3.779	3.779	0.000	97	33619	100.0	96.9	
42 Ethyl acetate	70	3.801	3.801	0.000	95	13900	40.0	37.8	
43 Methyl acrylate	85	3.847	3.847	0.000	98	8332	20.0	22.8	
44 Propionitrile	54	3.916	3.916	0.000	96	97605	200.0	211.0	
45 Tetrahydrofuran	72	3.973	3.973	0.000	64	14854	40.0	37.7	
46 Chlorobromomethane	128	3.973	3.973	0.000	96	38740	20.0	19.3	
47 Methacrylonitrile	67	4.019	4.019	0.000	96	266747	200.0	228.3	
48 Chloroform	83	4.053	4.053	0.000	98	124270	20.0	21.2	
49 Cyclohexane	84	4.156	4.156	0.000	97	84557	20.0	20.6	
50 1,1,1-Trichloroethane	97	4.179	4.179	0.000	98	101284	20.0	21.6	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.224	0.000	97	106226	50.0	48.3	
52 Carbon tetrachloride	117	4.304	4.304	0.000	96	85129	20.0	21.9	
53 1,1-Dichloropropene	75	4.350	4.350	0.000	93	86482	20.0	19.6	
54 Isooctane	57	4.544	4.544	0.000	96	147842	20.0	22.2	
55 Benzene	78	4.556	4.556	0.000	98	270890	20.0	21.2	
56 Isobutyl alcohol	74	4.556	4.556	0.000	70	17538	500.0	448.3	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	87	115115	50.0	46.2	
59 Tert-amyl methyl ether	73	4.670	4.670	0.000	90	227163	20.0	21.1	
60 1,2-Dichloroethane	62	4.682	4.682	0.000	95	96932	20.0	22.7	
61 Isopropyl acetate	61	4.693	4.693	0.000	98	37900	20.0	22.4	
62 n-Heptane	57	4.773	4.773	0.000	87	30108	20.0	18.5	
* 63 Fluorobenzene	96	4.899	4.899	0.000	97	516249	50.0	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	96	60560	20.0	19.5	
65 n-Butanol	43	5.367	5.367	0.000	91	24073	500.0	441.3	
66 Methylcyclohexane	83	5.413	5.413	0.000	91	83328	20.0	20.7	
67 Ethyl acrylate	55	5.493	5.493	0.000	98	79773	20.0	21.4	
69 1,2-Dichloropropane	63	5.619	5.619	0.000	91	74340	20.0	20.7	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	96	21229	1000.0	1000.0	
72 Dibromomethane	93	5.767	5.767	0.000	94	43038	20.0	21.1	
71 Methyl methacrylate	100	5.767	5.767	0.000	94	26214	40.0	42.8	
73 1,4-Dioxane	88	5.779	5.779	0.000	30	8951	400.0	321.2	
74 n-Propyl acetate	43	5.859	5.859	0.000	99	99294	20.0	21.9	
75 Dichlorobromomethane	83	5.962	5.962	0.000	98	87727	20.0	20.1	
76 2-Nitropropane	41	6.362	6.362	0.000	97	31192	40.0	39.0	
77 2-Chloroethyl vinyl ether	63	6.396	6.396	0.000	97	40827	20.0	21.6	
78 Epichlorohydrin	57	6.499	6.499	0.000	100	121163	400.0	321.0	
79 cis-1,3-Dichloropropene	75	6.545	6.545	0.000	99	102425	20.0	20.4	
80 4-Methyl-2-pentanone (MIBK	43	6.773	6.773	0.000	97	363795	100.0	98.8	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.807	0.000	98	403485	50.0	50.1	
82 Toluene	91	6.887	6.887	0.000	94	244049	20.0	19.9	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	97	90285	20.0	20.8	
84 Ethyl methacrylate	69	7.333	7.333	0.000	94	73678	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	94	52059	20.0	22.7	
85 Tetrachloroethene	166	7.470	7.470	0.000	93	61614	20.0	20.1	
87 1,3-Dichloropropane	76	7.630	7.630	0.000	98	92990	20.0	21.2	
88 2-Hexanone	43	7.722	7.722	0.000	100	209523	100.0	97.9	
89 Chlorodibromomethane	129	7.825	7.825	0.000	98	61057	20.0	21.0	
90 n-Butyl acetate	73	7.836	7.836	0.000	97	13957	20.0	22.1	
91 Ethylene Dibromide	107	7.928	7.928	0.000	98	54974	20.0	21.3	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	364624	50.0	50.0	
93 Chlorobenzene	112	8.373	8.373	0.000	92	157759	20.0	20.1	
94 Ethylbenzene	106	8.453	8.453	0.000	99	82378	20.0	20.7	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	96	58241	20.0	19.5	
96 m-Xylene & p-Xylene	106	8.568	8.568	0.000	0	103332	20.0	21.1	
97 o-Xylene	106	8.911	8.911	0.000	93	98857	20.0	19.8	
98 n-Butyl acrylate	73	8.933	8.933	0.000	95	36274	20.0	21.8	
99 Styrene	104	8.933	8.933	0.000	91	167055	20.0	19.8	
100 Bromoform	173	9.105	9.105	0.000	96	41897	20.0	22.5	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	87	104260	20.0	18.4	
102 Isopropylbenzene	105	9.208	9.208	0.000	97	246260	20.0	20.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	194960	50.0	58.3	
104 Bromobenzene	156	9.471	9.471	0.000	96	72082	20.0	19.0	
105 1,1,2,2-Tetrachloroethane	83	9.528	9.528	0.000	97	46206	20.0	15.9	
106 N-Propylbenzene	91	9.539	9.539	0.000	98	299424	20.0	19.8	
107 1,2,3-Trichloropropane	110	9.551	9.551	0.000	94	20021	20.0	22.3	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	82	29121	20.0	22.0	
109 2-Chlorotoluene	91	9.619	9.619	0.000	96	230621	20.0	20.4	
110 4-Ethyltoluene	105	9.631	9.631	0.000	98	263691	20.0	19.5	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	95	225478	20.0	20.6	
112 4-Chlorotoluene	91	9.711	9.711	0.000	99	224516	20.0	20.0	
113 Butyl Methacrylate	87	9.779	9.779	0.000	95	54367	20.0	12.2	
114 tert-Butylbenzene	91	9.916	9.916	0.000	91	115433	20.0	18.2	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	95	225145	20.0	20.0	
116 sec-Butylbenzene	105	10.076	10.076	0.000	99	239630	20.0	19.8	
117 1,3-Dichlorobenzene	146	10.191	10.191	0.000	80	136844	20.0	19.9	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	97	204496	20.0	19.9	
* 119 1,4-Dichlorobenzene-d4	152	10.248	10.248	0.000	95	214841	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	89	142279	20.0	19.2	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	98	237935	20.0	19.9	
122 Benzyl chloride	126	10.374	10.374	0.000	98	32502	20.0	22.1	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	93	262865	20.0	19.8	
124 p-Diethylbenzene	105	10.465	10.465	0.000	93	115299	20.0	19.8	
125 n-Butylbenzene	92	10.488	10.488	0.000	97	110078	20.0	19.6	
126 1,2-Dichlorobenzene	146	10.534	10.534	0.000	95	138111	20.0	19.9	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	196923	20.0	19.1	
128 1,2-Dibromo-3-Chloropropan	75	11.105	11.105	0.000	95	8675	20.0	16.7	
129 1,3,5-Trichlorobenzene	180	11.196	11.196	0.000	97	97453	20.0	19.6	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	93	92565	20.0	18.8	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	95	29456	20.0	16.1	
132 Naphthalene	128	11.814	11.814	0.000	99	246224	20.0	21.1	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	95	91589	20.0	20.0	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.7	
S 135 Xylenes, Total	100				0		40.0	40.9	

Reagents:

ACROLEIN W_00078	Amount Added: 4.00	Units: uL	
GASES Li_00268	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00082	Amount Added: 20.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75225.b\\B32068.D

Injection Date: 10-Jul-2018 22:36:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

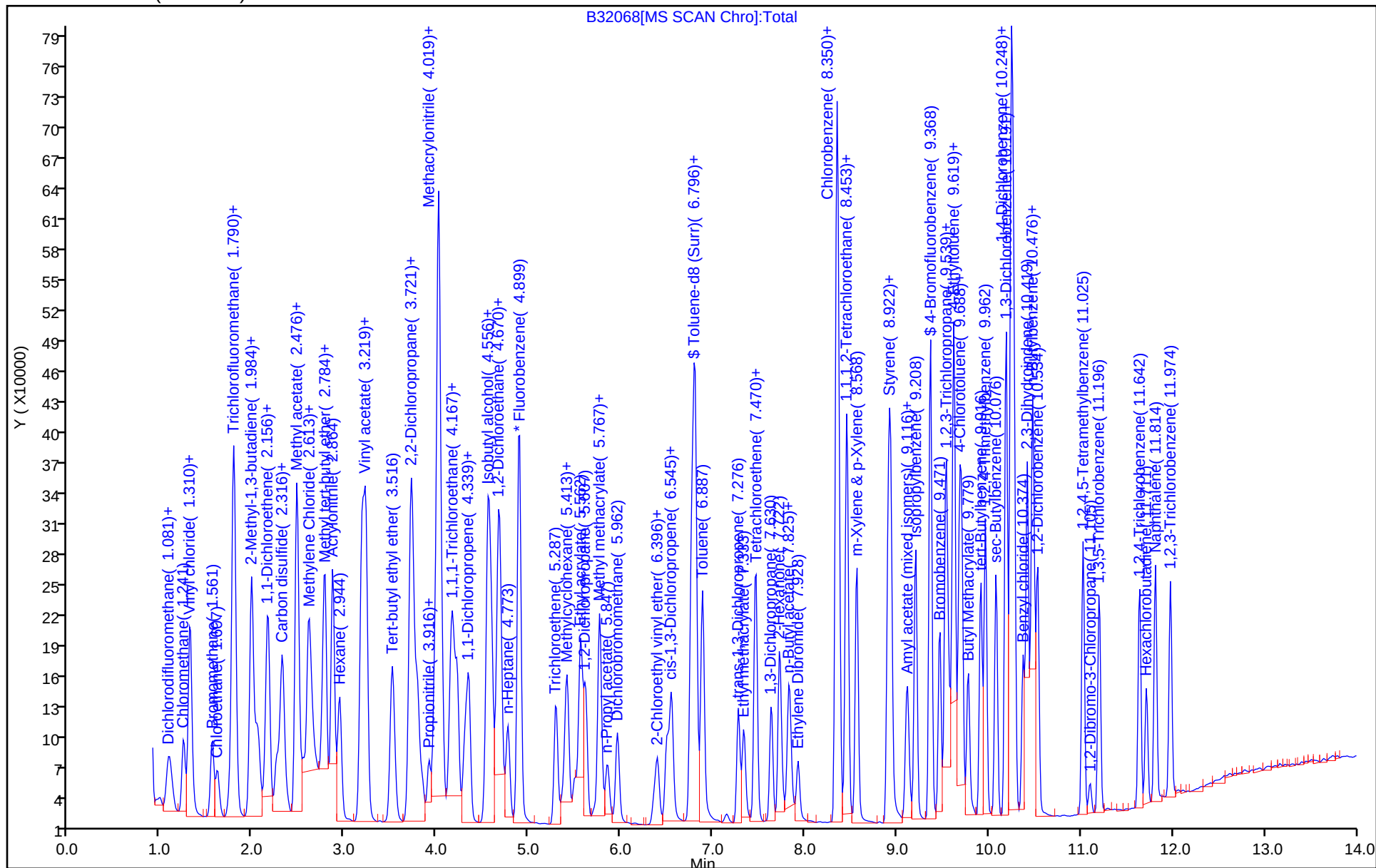
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31996.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 09-Jul-2018 13:19:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0075127-001
Operator ID: Instrument ID: CVOAMS2
Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Jul-2018 16:16:24 Calib Date: 09-Jul-2018 21:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: martineze

Date: 09-Jul-2018 13:27:06

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

\$ 136 BFB	95	2.633	2.633	0.000	89	126269	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00017

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31996.D

Injection Date: 09-Jul-2018 13:19:30

Instrument ID: CVOAMS2

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

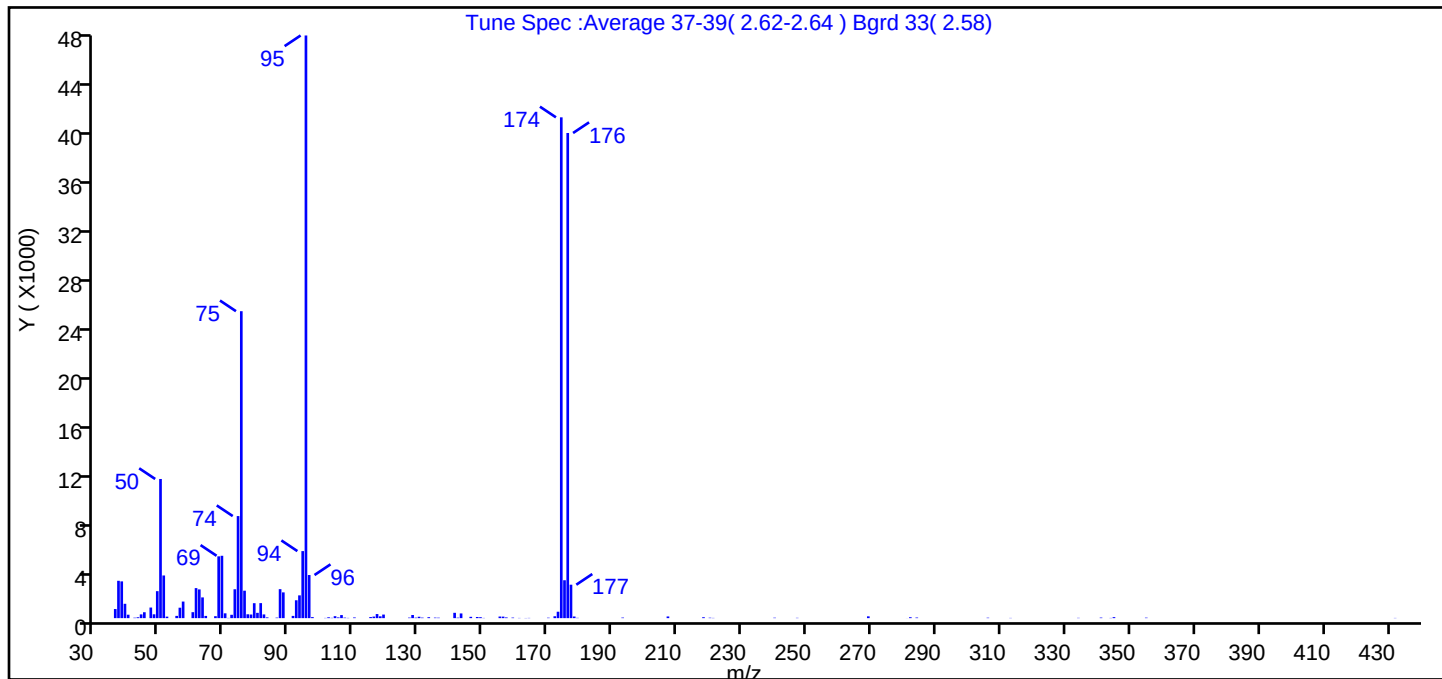
Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	23.9
75	30 to 60% of m/z 95	52.7
96	5 to 9% of m/z 95	7.4
173	Less than 2% of m/z 174	1.1 (1.3)
174	50 to 120% of m/z 95	86.0
175	5 to 9% of m/z 174	6.5 (7.6)
176	Greater than 95% but less than 101% of m/z 174	83.3 (96.9)
177	5 to 9% of m/z 176	5.7 (6.9)

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\B31996.D\8260W_2.rsl\spectra.d
Injection Date: 09-Jul-2018 13:19:30
Spectrum: Tune Spec :Average 37-39(2.62-2.64) Bgrd 33(2.58)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 114

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	739	73.00	2345	110.00	55	172.00	153
37.00	3033	74.00	8289	115.00	88	173.00	521
38.00	2986	75.00	24928	116.00	126	174.00	40672
39.00	1165	76.00	2229	117.00	332	175.00	3078
40.00	279	77.00	314	118.00	148	176.00	39400
42.00	36	78.00	295	119.00	290	177.00	2716
43.00	71	79.00	1214	127.00	44	178.00	132
44.00	305	80.00	430	128.00	255	179.00	24
45.00	479	81.00	1220	129.00	39	193.00	46
47.00	861	82.00	302	130.00	112	207.00	136
48.00	312	83.00	61	131.00	42	218.00	73
49.00	2191	86.00	42	133.00	77	220.00	35
50.00	11302	87.00	2354	135.00	43	221.00	19
51.00	3465	88.00	2092	136.00	36	240.00	35
52.00	123	91.00	182	141.00	433	247.00	25
55.00	183	92.00	1452	142.00	39	269.00	146
56.00	848	93.00	1850	143.00	382	281.00	4
57.00	1347	94.00	5445	146.00	107	282.00	73
60.00	484	95.00	47320	148.00	93	284.00	49
61.00	2439	96.00	3502	149.00	76	306.00	35
62.00	2333	97.00	84	150.00	17	313.00	18
63.00	1684	101.00	18	155.00	130	334.00	24
64.00	181	102.00	68	156.00	124	341.00	45
67.00	158	103.00	24	157.00	57	344.00	17
68.00	5019	104.00	159	159.00	45	345.00	80
69.00	5065	105.00	59	161.00	17	355.00	39
70.00	391	106.00	249	163.00	13	432.00	17
71.00	17	107.00	43	164.00	19		
72.00	272	108.00	19	170.00	36		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32013.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 09-Jul-2018 23:32:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0075161-001
Operator ID: Instrument ID: CVOAMS2
Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Jul-2018 04:46:11 Calib Date: 09-Jul-2018 21:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 136 BFB	95	2.656	2.656	0.000	90	72651	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00017

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32013.D

Injection Date: 09-Jul-2018 23:32:30

Instrument ID: CVOAMS2

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

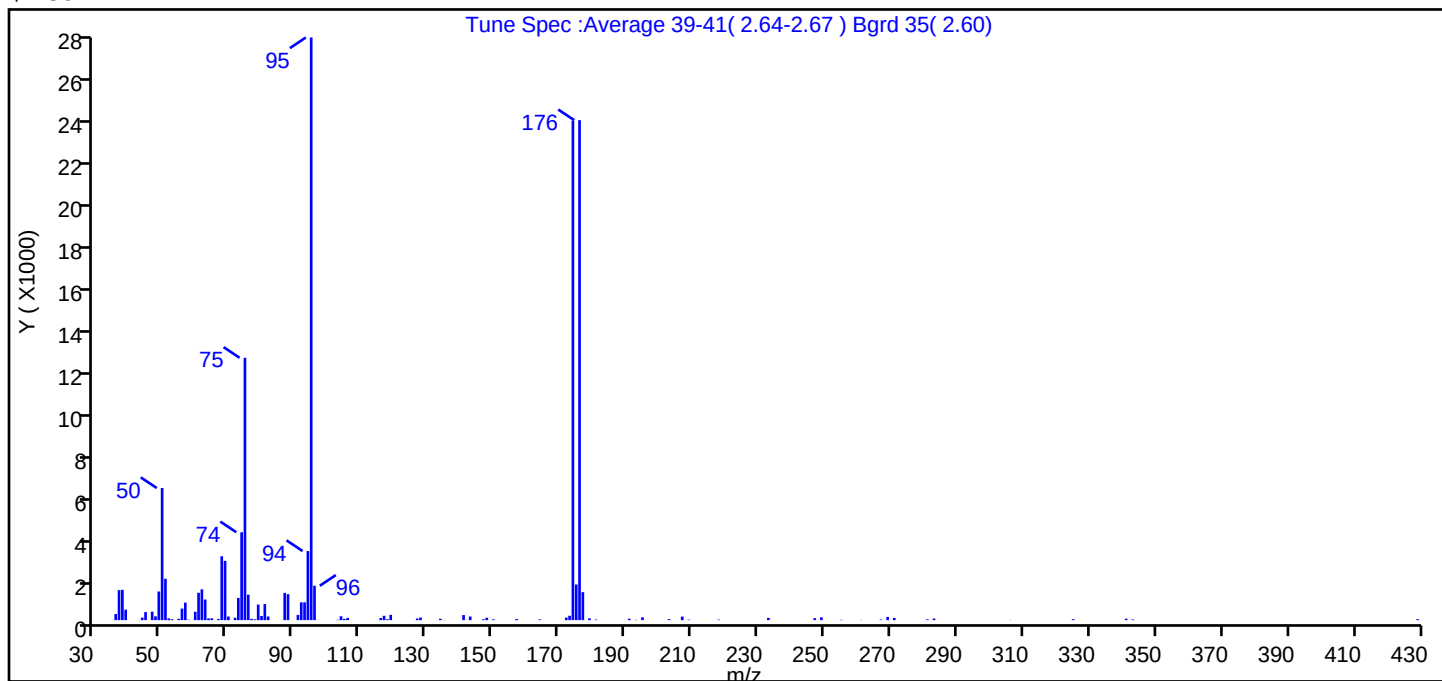
Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	22.7
75	30 to 60% of m/z 95	45.0
96	5 to 9% of m/z 95	5.9
173	Less than 2% of m/z 174	0.8 (0.9)
174	50 to 120% of m/z 95	85.7
175	5 to 9% of m/z 174	6.1 (7.1)
176	Greater than 95% but less than 101% of m/z 174	85.8 (100.1)
177	5 to 9% of m/z 176	4.8 (5.6)

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32013.D\8260W_2.rsl\spectra.d
Injection Date: 09-Jul-2018 23:32:30
Spectrum: Tune Spec :Average 39-41(2.64-2.67) Bgrd 35(2.60)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 97

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	289	68.00	3034	106.00	107	191.00	67
37.00	1426	69.00	2815	115.00	2	193.00	15
38.00	1442	70.00	172	116.00	99	195.00	135
39.00	498	72.00	114	117.00	207	203.00	48
43.00	8	73.00	1057	118.00	42	207.00	169
44.00	122	74.00	4176	119.00	252	209.00	23
45.00	384	75.00	12463	127.00	76	218.00	24
47.00	405	76.00	1210	128.00	124	233.00	107
48.00	181	77.00	61	134.00	65	247.00	92
49.00	1362	78.00	39	135.00	5	249.00	133
50.00	6275	79.00	741	141.00	242	255.00	19
51.00	1964	80.00	199	143.00	172	261.00	10
52.00	83	81.00	763	147.00	41	267.00	26
53.00	45	82.00	172	148.00	117	269.00	152
55.00	63	87.00	1294	150.00	37	271.00	107
56.00	549	88.00	1232	157.00	54	281.00	37
57.00	834	91.00	249	164.00	36	283.00	77
58.00	18	92.00	847	172.00	121	306.00	8
60.00	399	93.00	847	173.00	208	325.00	47
61.00	1300	94.00	3283	174.00	23728	341.00	69
62.00	1462	95.00	27680	175.00	1694	343.00	31
63.00	980	96.00	1635	176.00	23752	429.00	46
64.00	82	103.00	17	177.00	1330		
65.00	88	104.00	184	179.00	87		
67.00	54	105.00	62	181.00	29		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32042.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 10-Jul-2018 11:28:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0075202-001
Operator ID: Instrument ID: CVOAMS2
Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Jul-2018 17:41:05 Calib Date: 09-Jul-2018 21:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: starzecm

Date: 10-Jul-2018 11:36:49

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

\$ 136 BFB	95	2.633	2.633	0.000	86	55770	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00017

Amount Added: 1.00

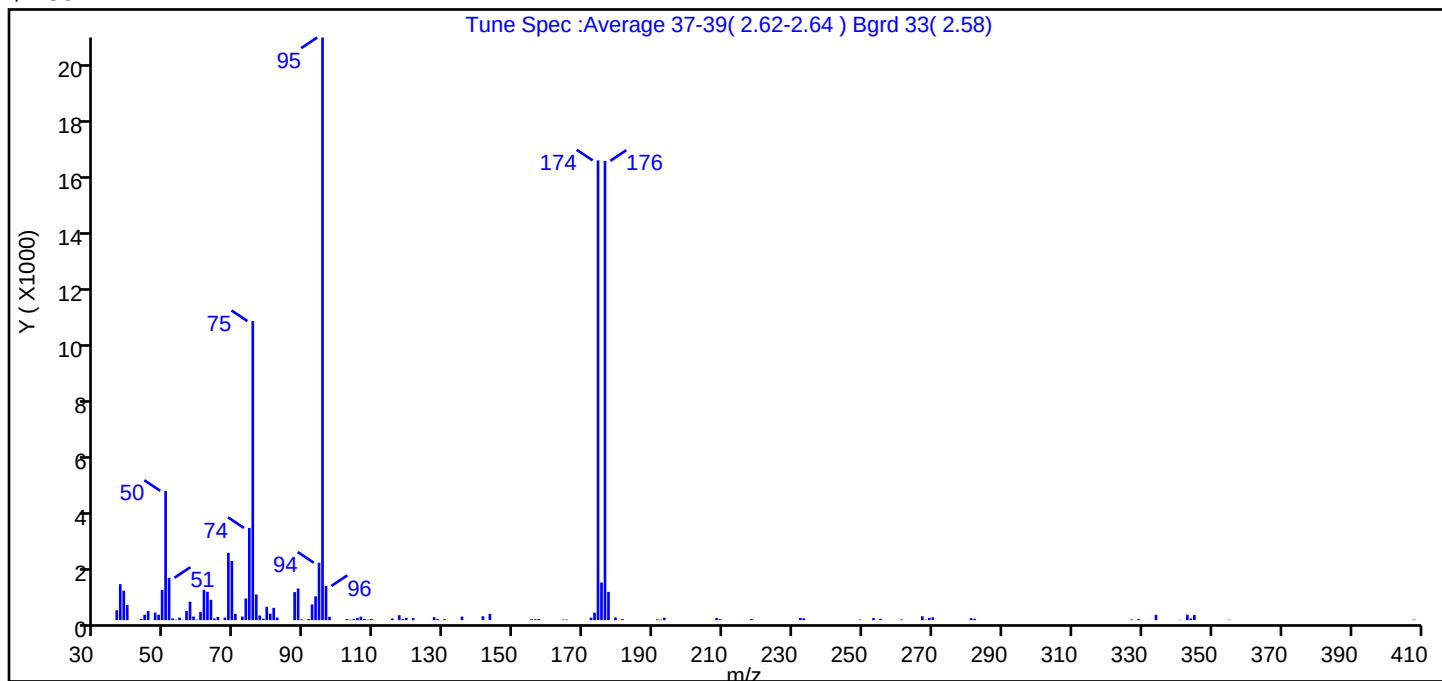
Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32042.D
Injection Date: 10-Jul-2018 11:28:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID:
Injection Vol: 5.0 mL
Method: 8260W_2
Tune Method: BFB Method 8260

ALS Bottle#: 99 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid

\$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	22.2
75	30 to 60% of m/z 95	51.3
96	5 to 9% of m/z 95	5.9
173	Less than 2% of m/z 174	1.3 (1.6)
174	50 to 120% of m/z 95	78.9
175	5 to 9% of m/z 174	6.5 (8.2)
176	Greater than 95% but less than 101% of m/z 174	78.8 (99.9)
177	5 to 9% of m/z 176	4.8 (6.1)

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32042.D\8260W_2.rsl\spectra.d
Injection Date: 10-Jul-2018 11:28:30
Spectrum: Tune Spec :Average 37-39(2.62-2.64) Bgrd 33(2.58)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	351	69.00	2101	107.00	42	192.00	17
37.00	1280	70.00	225	108.00	16	193.00	86
38.00	1048	72.00	127	109.00	42	208.00	73
39.00	539	73.00	770	115.00	58	209.00	34
43.00	47	74.00	3273	117.00	175	218.00	40
44.00	193	75.00	10618	118.00	45	232.00	81
45.00	323	76.00	910	119.00	85	233.00	67
47.00	267	77.00	164	121.00	73	249.00	19
48.00	193	78.00	51	127.00	103	253.00	75
49.00	1076	79.00	471	128.00	43	255.00	49
50.00	4590	80.00	230	130.00	34	261.00	23
51.00	1503	81.00	436	135.00	127	267.00	137
52.00	62	82.00	92	141.00	138	268.00	17
53.00	17	87.00	997	143.00	223	269.00	81
54.00	90	88.00	1126	155.00	34	270.00	99
55.00	12	89.00	28	156.00	35	281.00	70
56.00	331	91.00	38	157.00	39	282.00	49
57.00	655	92.00	559	164.00	21	327.00	23
58.00	128	93.00	846	165.00	20	329.00	37
59.00	19	94.00	2040	172.00	88	334.00	190
60.00	287	95.00	20688	173.00	265	341.00	12
61.00	1077	96.00	1213	174.00	16323	343.00	194
62.00	1006	97.00	118	175.00	1337	344.00	61
63.00	720	102.00	42	176.00	16308	345.00	186
64.00	60	103.00	16	177.00	1002	355.00	18
65.00	111	104.00	47	179.00	97	408.00	20
67.00	89	105.00	83	181.00	36		
68.00	2388	106.00	124	191.00	28		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32067.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 10-Jul-2018 22:13:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0075225-001
Operator ID: Instrument ID: CVOAMS2
Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Jul-2018 12:37:44 Calib Date: 09-Jul-2018 21:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 136 BFB	95	2.655	2.655	0.000	91	220313	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00017

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32067.D

Injection Date: 10-Jul-2018 22:13:30

Instrument ID: CVOAMS2

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

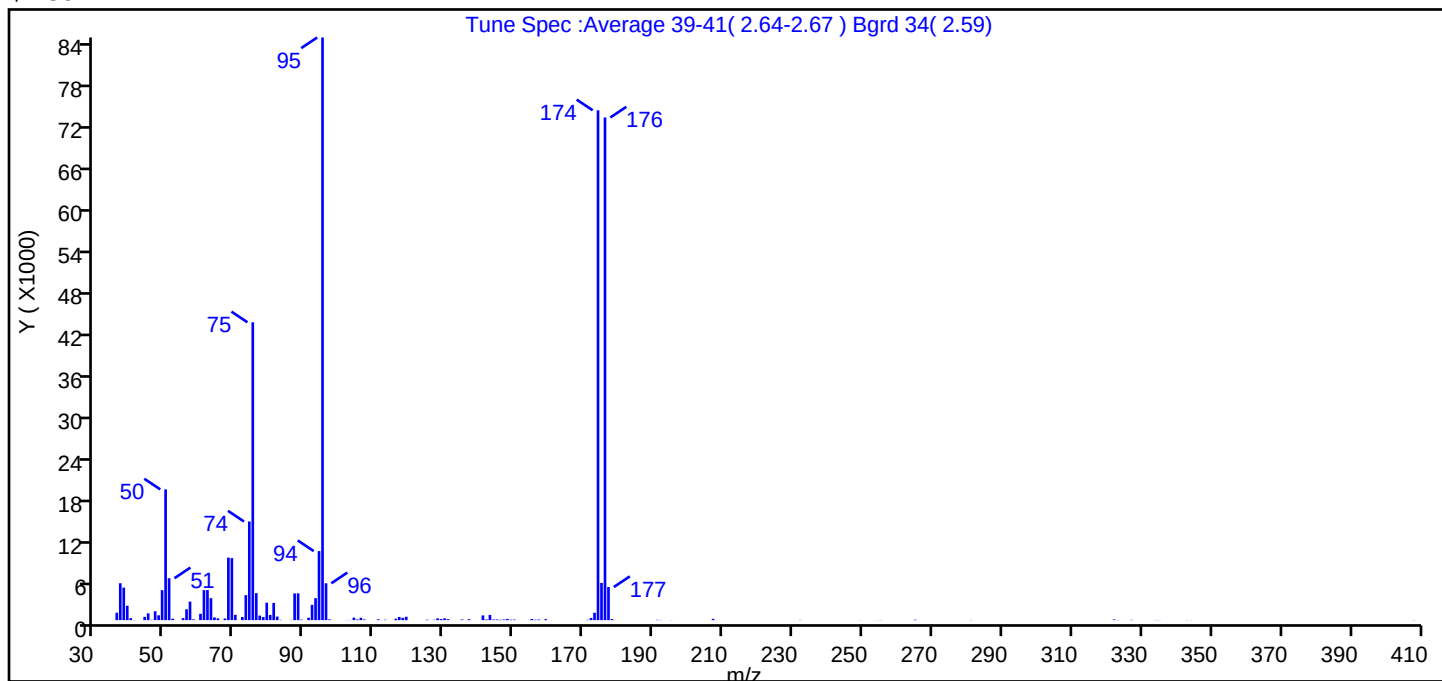
Dil. Factor: 1.0000

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	22.4
75	30 to 60% of m/z 95	51.1
96	5 to 9% of m/z 95	6.3
173	Less than 2% of m/z 174	1.3 (1.4)
174	50 to 120% of m/z 95	87.5
175	5 to 9% of m/z 174	6.4 (7.3)
176	Greater than 95% but less than 101% of m/z 174	86.3 (98.6)
177	5 to 9% of m/z 176	5.7 (6.6)

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32067.D\8260W_2.rsl\spectra.d
Injection Date: 10-Jul-2018 22:13:30
Spectrum: Tune Spec :Average 39-41(2.64-2.67) Bgrd 34(2.59)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 114

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1071	72.00	456	111.00	125	172.00	322
37.00	5323	73.00	3609	113.00	61	173.00	1062
38.00	4694	74.00	14231	116.00	207	174.00	73568
39.00	2084	75.00	42976	117.00	459	175.00	5367
40.00	281	76.00	3895	118.00	334	176.00	72528
41.00	20	77.00	654	119.00	488	177.00	4779
44.00	473	78.00	448	125.00	71	178.00	159
45.00	979	79.00	2511	127.00	47	191.00	47
46.00	46	80.00	747	128.00	258	192.00	20
47.00	1282	81.00	2485	129.00	153	195.00	18
48.00	701	82.00	515	130.00	259	207.00	184
49.00	4325	83.00	41	131.00	141	208.00	4
50.00	18864	86.00	37	135.00	93	232.00	30
51.00	6048	87.00	3850	137.00	140	249.00	18
52.00	206	88.00	3864	141.00	682	253.00	5
55.00	293	89.00	70	142.00	104	254.00	14
56.00	1569	91.00	349	143.00	756	255.00	23
57.00	2677	92.00	2206	144.00	91	265.00	67
58.00	111	93.00	3169	145.00	101	281.00	25
60.00	921	94.00	9965	146.00	48	322.00	96
61.00	4335	95.00	84072	147.00	101	323.00	20
62.00	4341	96.00	5323	148.00	171	327.00	44
63.00	3169	97.00	111	149.00	64	334.00	27
64.00	397	102.00	23	150.00	81	335.00	17
65.00	260	103.00	25	155.00	164	343.00	19
67.00	233	104.00	360	156.00	65	344.00	17
68.00	9027	105.00	98	157.00	88	408.00	23
69.00	8951	106.00	338	159.00	143		
70.00	769	107.00	94	171.00	55		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-534820/7

Matrix: Water Lab File ID: B32019.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 02:04

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.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-534820/7

Matrix: Water Lab File ID: B32019.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 02:04

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.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.31	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	105		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32019.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 10-Jul-2018 02:04:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0075161-007
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:27:35 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: boykink

Date: 10-Jul-2018 04:50:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.624	2.624	0.000	0	283656	1000.0	1000.0	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	347939	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.213	4.213	0.000	97	110410	50.0	50.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	60	124148	50.0	49.6	
* 63 Fluorobenzene	96	4.887	4.887	0.000	98	518481	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	96	21215	1000.0	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.796	0.011	98	400596	50.0	50.1	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	89	362067	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	173972	50.0	52.4	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	98	206172	50.0	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32019.D

Injection Date: 10-Jul-2018 02:04:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

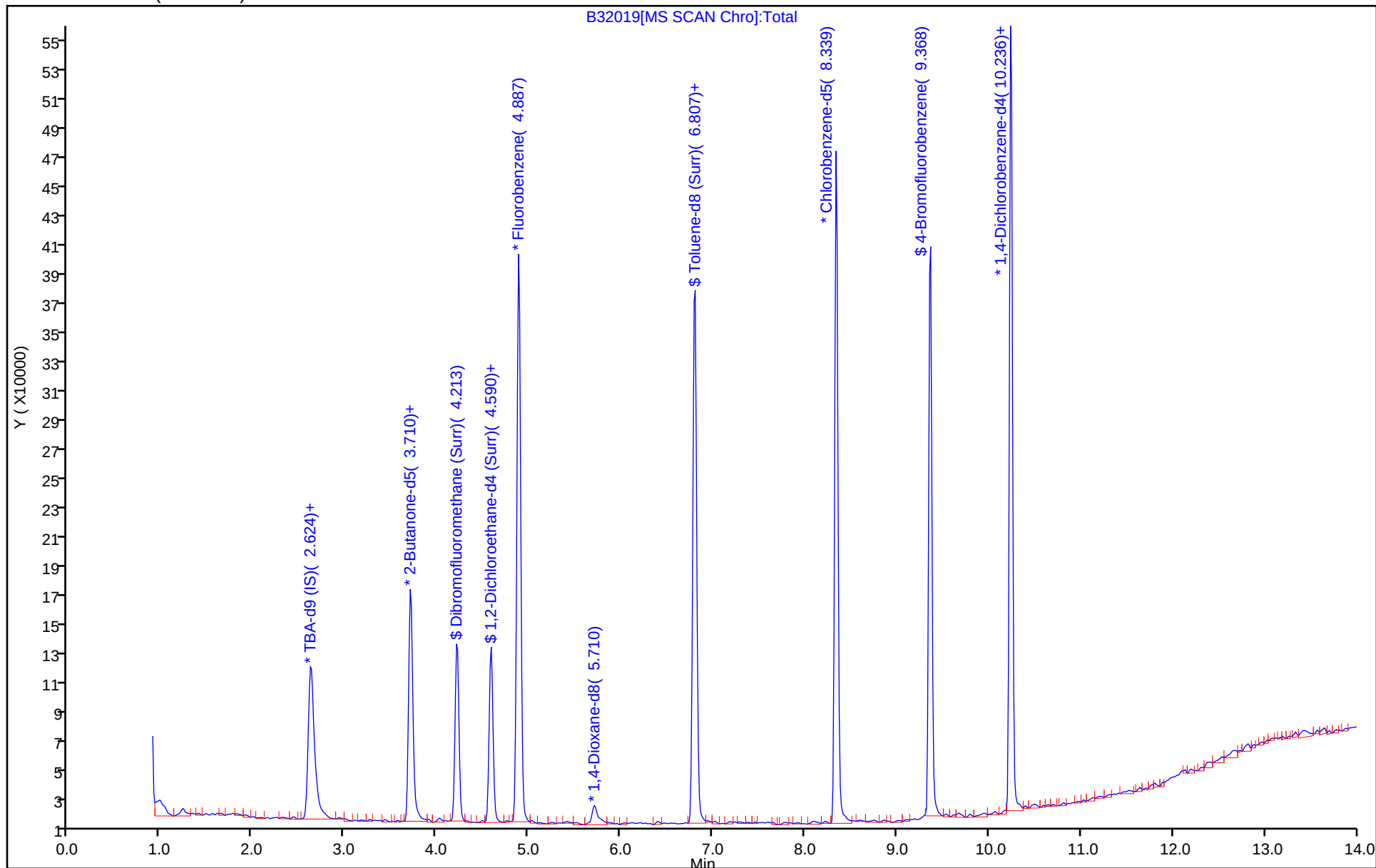
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32019.D

Injection Date: 10-Jul-2018 02:04:30

Instrument ID: CVOAMS2

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

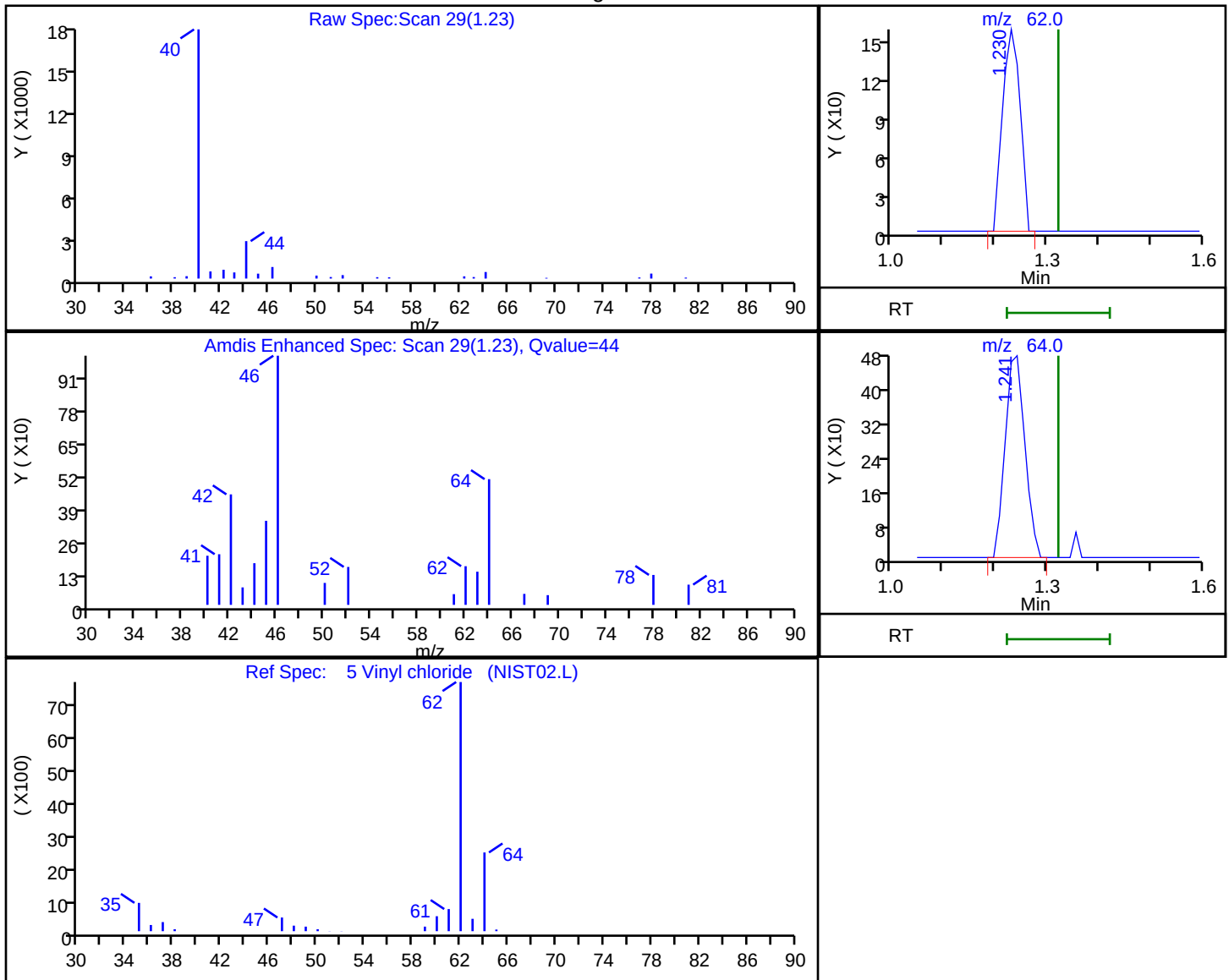
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

5 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.23	62.00	371	0.062811
1.24	64.00	1278	

Reviewer: delpolitov, 10-Jul-2018 17:10:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-535008/7

Matrix: Water Lab File ID: B32048.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 13:56

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 535008 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-535008/7
 Matrix: Water Lab File ID: B32048.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 13:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 535008 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.31	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	106		77-124
1868-53-7	Dibromofluoromethane (Surr)	97		72-131
2037-26-5	Toluene-d8 (Surr)	96		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32048.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 10-Jul-2018 13:56:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0075202-007
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:41:08 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:37:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.647	2.636	0.011	0	332160	1000.0	1000.0	
* 39 2-Butanone-d5	46	3.721	3.721	0.000	0	384031	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.224	0.000	96	108160	50.0	48.4	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	60	126152	50.0	49.7	
* 63 Fluorobenzene	96	4.899	4.899	0.000	98	525062	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.722	5.722	0.000	97	21404	1000.0	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.807	0.000	98	391878	50.0	47.8	
* 92 Chlorobenzene-d5	117	8.350	8.339	0.011	89	371127	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	180018	50.0	52.9	
* 119 1,4-Dichlorobenzene-d4	152	10.248	10.236	0.012	96	199188	50.0	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75202.b\\B32048.D

Injection Date: 10-Jul-2018 13:56:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

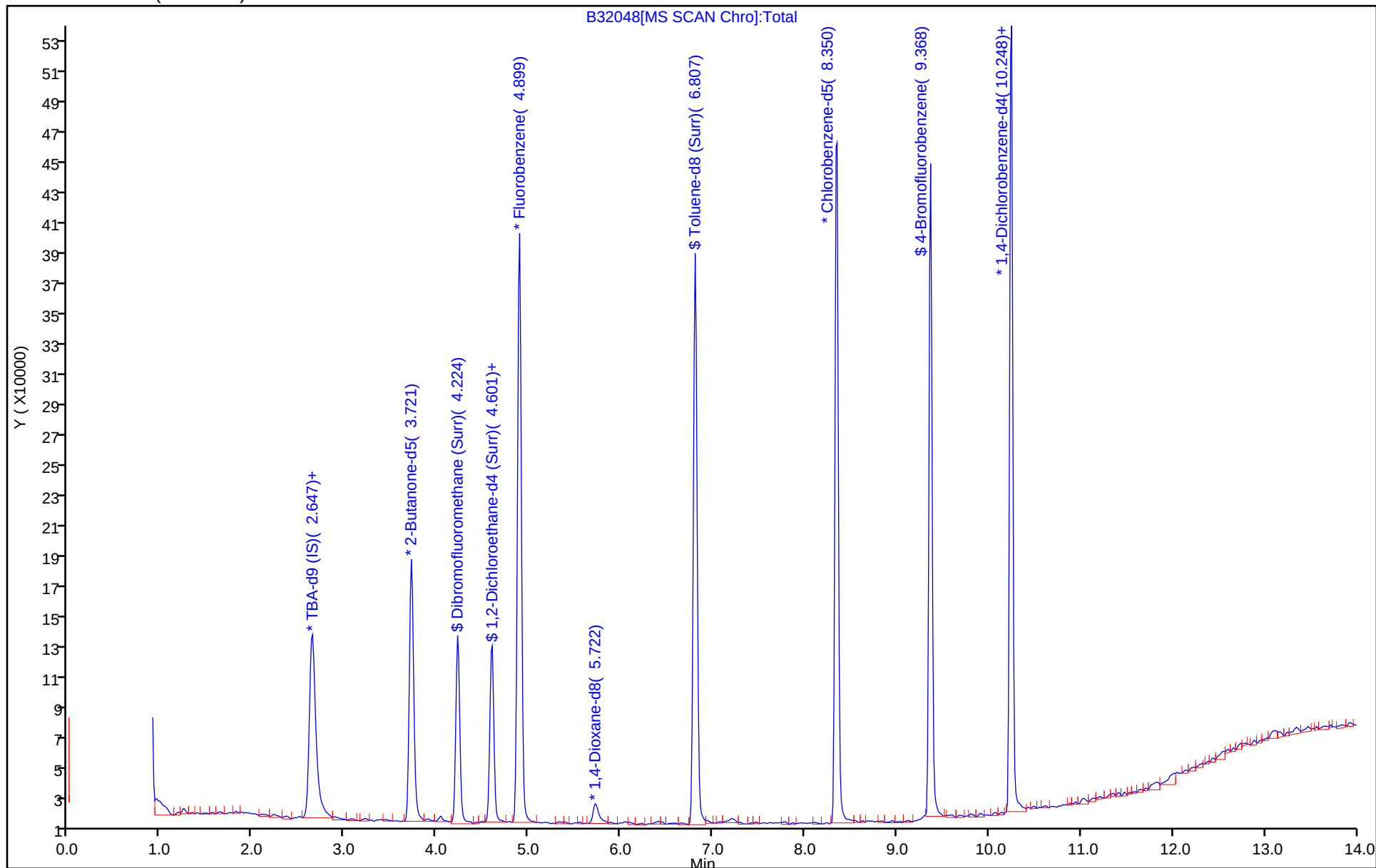
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32048.D

Injection Date: 10-Jul-2018 13:56:30

Instrument ID: CVOAMS2

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_2

Limit Group:

VOA - 8260C Water and Solid

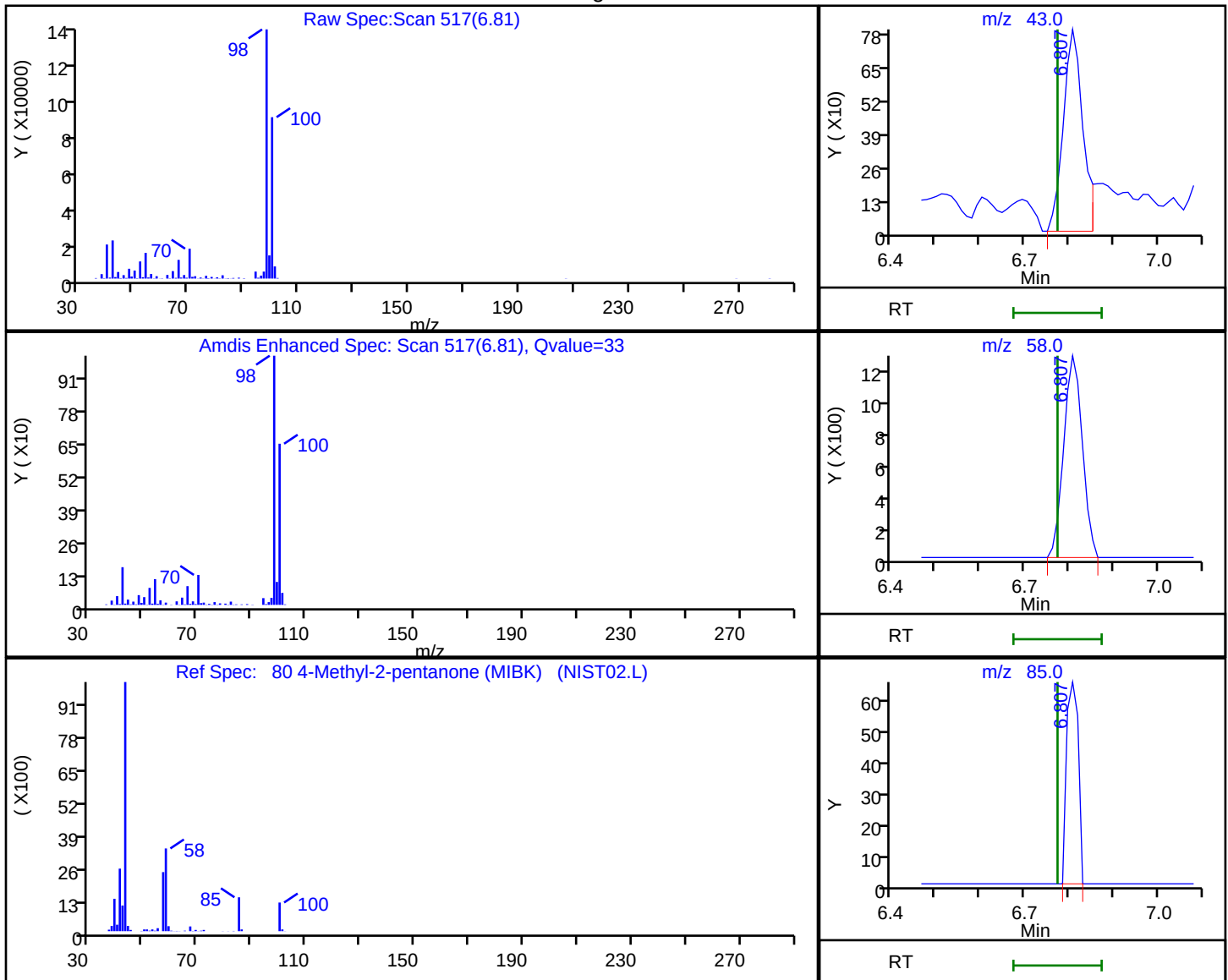
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

80 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.81	43.00	2463	0.631465
6.81	58.00	3725	
6.81	85.00	122	
6.81	100.00	252779	

Reviewer: delpolitov, 10-Jul-2018 17:37:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-535140/7

Matrix: Water Lab File ID: B32073.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/11/2018 00:39

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.: 535140 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.76	U	1.0	0.76
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-535140/7
 Matrix: Water Lab File ID: B32073.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/11/2018 00:39
 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.: 535140 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.31	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	122		77-124
1868-53-7	Dibromofluoromethane (Surr)	95		72-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32073.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 11-Jul-2018 00:39:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0075225-007
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 11-Jul-2018 12:37:47 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: delpolitov

Date: 11-Jul-2018 12:34:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	280377	1000.0	1000.0	
* 39 2-Butanone-d5	46	3.721	3.710	0.011	0	336768	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.224	0.000	95	95780	50.0	47.4	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	60	111483	50.0	48.7	
* 63 Fluorobenzene	96	4.899	4.899	0.000	98	474057	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.722	5.710	0.012	97	19528	1000.0	1000.0	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.807	0.000	99	364560	50.0	49.2	
* 92 Chlorobenzene-d5	117	8.350	8.339	0.011	89	335998	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	187686	50.0	60.9	
* 119 1,4-Dichlorobenzene-d4	152	10.248	10.248	0.000	96	187961	50.0	50.0	

Reagents:

8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32073.D

Injection Date: 11-Jul-2018 00:39:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

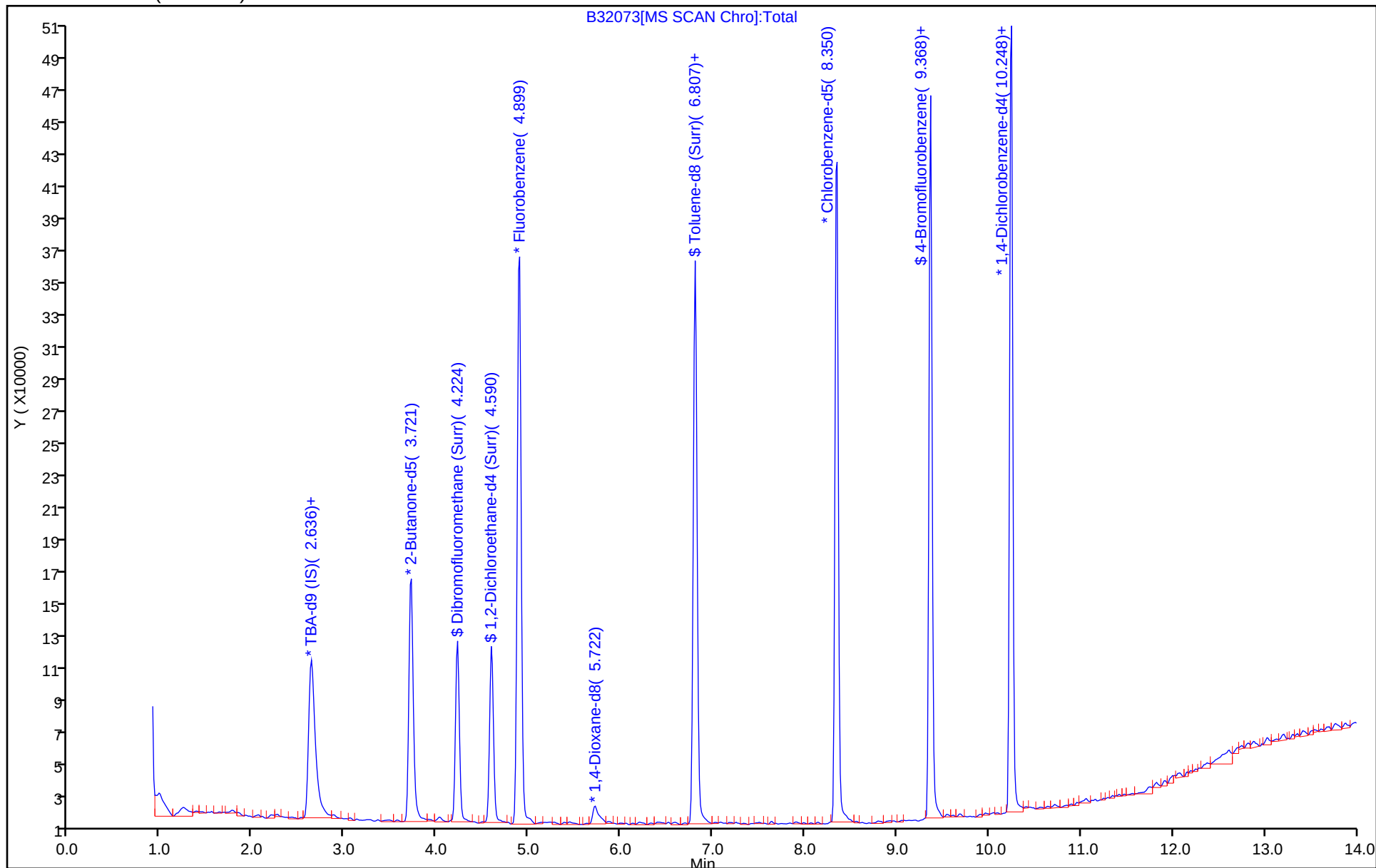
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-534820/3

Matrix: Water Lab File ID: B32015.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 00:25

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	15.7		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.2		1.0	0.43
75-34-3	1,1-Dichloroethane	19.3		1.0	0.26
75-35-4	1,1-Dichloroethene	19.6		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	19.5		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.0		1.0	0.37
78-87-5	1,2-Dichloropropane	19.4		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.3		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.3		1.0	0.76
123-91-1	1,4-Dioxane	408		50	28
78-93-3	2-Butanone (MEK)	103		5.0	1.9
591-78-6	2-Hexanone	98.8		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	98.2		5.0	2.7
67-64-1	Acetone	102		5.0	5.0
71-43-2	Benzene	19.2		1.0	0.43
75-25-2	Bromoform	20.8		1.0	0.54
74-83-9	Bromomethane	20.8		1.0	1.0
75-15-0	Carbon disulfide	18.3		1.0	0.16
56-23-5	Carbon tetrachloride	19.0		1.0	0.21
108-90-7	Chlorobenzene	18.6		1.0	0.38
74-97-5	Chlorobromomethane	17.1		1.0	0.41
124-48-1	Chlorodibromomethane	19.6		1.0	0.28
75-00-3	Chloroethane	20.1		1.0	0.32
67-66-3	Chloroform	19.8		1.0	0.33
74-87-3	Chloromethane	20.2		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.46
110-82-7	Cyclohexane	18.7		1.0	0.32
75-27-4	Dichlorobromomethane	18.6		1.0	0.34
75-71-8	Dichlorodifluoromethane	21.1		1.0	0.12
100-41-4	Ethylbenzene	18.7		1.0	0.30
106-93-4	Ethylene Dibromide	19.8		1.0	0.50
98-82-8	Isopropylbenzene	19.5		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-534820/3

Matrix: Water Lab File ID: B32015.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 00:25

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 534820 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	43.2		5.0	0.31
1634-04-4	Methyl tert-butyl ether	20.9		1.0	0.47
108-87-2	Methylcyclohexane	18.3		1.0	0.26
75-09-2	Methylene Chloride	19.6		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	18.6		1.0	0.30
95-47-6	o-Xylene	18.6		1.0	0.36
100-42-5	Styrene	18.0		1.0	0.42
127-18-4	Tetrachloroethene	17.4		1.0	0.25
108-88-3	Toluene	18.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	16.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.4		1.0	0.49
79-01-6	Trichloroethene	17.9		1.0	0.31
75-69-4	Trichlorofluoromethane	20.4		1.0	0.14
75-01-4	Vinyl chloride	20.9		1.0	0.17
107-06-2	1,2-Dichloroethane	20.4		1.0	0.43
95-50-1	1,2-Dichlorobenzene	19.0		1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	16.2		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		74-132
460-00-4	4-Bromofluorobenzene	106		77-124
1868-53-7	Dibromofluoromethane (Surr)	101		72-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32015.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 10-Jul-2018 00:25:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0075161-003
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:27:35 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: boykink

Date: 10-Jul-2018 04:48:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.070	1.081	-0.011	89	16020	20.0	20.1	
2 Dichlorodifluoromethane	85	1.092	1.093	-0.001	99	102474	20.0	21.1	
3 Chloromethane	50	1.230	1.241	-0.011	99	135100	20.0	20.2	
4 Butadiene	54	1.298	1.310	-0.012	98	103463	20.0	21.2	
5 Vinyl chloride	62	1.310	1.321	-0.011	98	121581	20.0	20.9	
6 Bromomethane	94	1.538	1.550	-0.012	99	79014	20.0	20.8	
7 Chloroethane	64	1.595	1.607	-0.012	98	62189	20.0	20.1	
9 Dichlorofluoromethane	67	1.767	1.778	-0.011	98	159865	20.0	21.0	
8 Trichlorofluoromethane	101	1.778	1.778	0.000	59	104050	20.0	20.4	
10 Pentane	72	1.778	1.790	-0.012	97	18249	40.0	36.4	
12 Ethyl ether	59	1.961	1.973	-0.012	86	57935	20.0	19.8	
11 Ethanol	46	1.961	1.973	-0.012	85	14840	800.0	655.2	
13 2-Methyl-1,3-butadiene	53	1.973	1.984	-0.011	95	62062	20.0	19.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.041	2.041	0.000	97	52302	20.0	18.4	
15 Acrolein	56	2.121	2.133	-0.012	93	19835	40.0	33.3	
17 1,1,2-Trichloro-1,2,2-trif	101	2.144	2.156	-0.012	95	57019	20.0	18.8	
16 1,1-Dichloroethene	96	2.155	2.156	-0.001	95	60102	20.0	19.6	
18 Acetone	43	2.247	2.247	0.000	84	109630	100.0	102.4	
19 Iodomethane	142	2.293	2.293	0.000	98	115306	20.0	19.1	
20 Carbon disulfide	76	2.315	2.316	-0.001	100	234812	20.0	18.3	
21 Isopropyl alcohol	45	2.361	2.373	-0.012	98	48311	200.0	194.0	
22 3-Chloro-1-propene	76	2.464	2.464	0.000	91	42092	20.0	18.5	
23 Cyclopentene	67	2.464	2.476	-0.012	92	154304	20.0	19.3	
24 Methyl acetate	43	2.487	2.487	0.000	99	112476	40.0	43.2	
25 Acetonitrile	41	2.544	2.544	0.000	96	121003	200.0	205.0	
26 Methylene Chloride	84	2.590	2.590	0.000	98	76112	20.0	19.6	
* 27 TBA-d9 (IS)	65	2.624	2.624	0.000	0	294982	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.693	2.693	0.000	97	76554	200.0	187.3	
29 Methyl tert-butyl ether	73	2.761	2.761	0.000	98	196071	20.0	20.9	
30 trans-1,2-Dichloroethene	96	2.773	2.773	0.000	98	63599	20.0	16.7	
31 Acrylonitrile	53	2.853	2.864	-0.011	95	277606	200.0	201.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.933	2.933	0.000	94	46888	20.0	16.4	
33 Isopropyl ether	45	3.173	3.173	0.000	94	270512	20.0	20.2	
34 1,1-Dichloroethane	63	3.173	3.184	-0.011	99	130035	20.0	19.3	
35 Vinyl acetate	86	3.218	3.219	-0.001	100	21428	40.0	33.8	
36 2-Chloro-1,3-butadiene	88	3.218	3.230	-0.012	91	52978	20.0	18.2	
37 Tert-butyl ethyl ether	59	3.504	3.504	0.000	87	220922	20.0	19.6	
38 2,2-Dichloropropane	41	3.698	3.699	-0.001	94	66890	20.0	19.3	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	340530	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.733	0.000	95	71720	20.0	19.2	
41 2-Butanone (MEK)	72	3.767	3.767	0.000	97	33653	100.0	103.3	
42 Ethyl acetate	70	3.790	3.790	0.000	94	13129	40.0	38.0	
43 Methyl acrylate	85	3.836	3.836	0.000	99	8848	20.0	24.5	
44 Propionitrile	54	3.904	3.904	0.000	96	94497	200.0	200.3	
45 Tetrahydrofuran	72	3.961	3.973	-0.012	74	13862	40.0	37.5	
46 Chlorobromomethane	128	3.973	3.973	0.000	92	33970	20.0	17.1	
47 Methacrylonitrile	67	4.007	4.007	0.000	97	253831	200.0	219.1	
48 Chloroform	83	4.041	4.053	-0.012	96	115131	20.0	19.8	
49 Cyclohexane	84	4.144	4.144	0.000	96	76165	20.0	18.7	
50 1,1,1-Trichloroethane	97	4.167	4.179	-0.012	98	93027	20.0	20.0	
\$ 51 Dibromofluoromethane (Surr	113	4.213	4.213	0.000	97	110405	50.0	50.7	
52 Carbon tetrachloride	117	4.293	4.304	-0.011	97	73241	20.0	19.0	
53 1,1-Dichloropropene	75	4.339	4.339	0.000	93	79410	20.0	18.1	
54 Isooctane	57	4.533	4.544	-0.011	96	119580	20.0	18.1	
55 Benzene	78	4.544	4.556	-0.012	98	245840	20.0	19.2	
56 Isobutyl alcohol	74	4.544	4.556	-0.012	49	18785	500.0	470.8	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.579	4.590	-0.011	86	124951	50.0	50.5	
59 Tert-amyl methyl ether	73	4.659	4.659	0.000	94	215581	20.0	20.2	
60 1,2-Dichloroethane	62	4.670	4.670	0.000	95	86451	20.0	20.4	
61 Isopropyl acetate	61	4.681	4.693	-0.012	96	35621	20.0	21.2	
62 n-Heptane	57	4.761	4.762	-0.001	93	22484	20.0	13.9	
* 63 Fluorobenzene	96	4.887	4.887	0.000	97	511713	50.0	50.0	
64 Trichloroethene	95	5.287	5.287	0.000	96	55258	20.0	17.9	
65 n-Butanol	43	5.379	5.379	0.000	71	25306	500.0	454.9	
66 Methylcyclohexane	83	5.401	5.402	-0.001	92	72868	20.0	18.3	
67 Ethyl acrylate	55	5.493	5.493	0.000	96	73087	20.0	19.8	
69 1,2-Dichloropropane	63	5.607	5.607	0.000	94	68904	20.0	19.4	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	96	22336	1000.0	1000.0	
72 Dibromomethane	93	5.756	5.756	0.000	95	38588	20.0	19.1	
71 Methyl methacrylate	100	5.767	5.767	0.000	95	23355	40.0	38.4	
73 1,4-Dioxane	88	5.767	5.767	0.000	57	11750	400.0	407.8	
74 n-Propyl acetate	43	5.847	5.847	0.000	98	96310	20.0	21.4	
75 Dichlorobromomethane	83	5.950	5.962	-0.012	97	80789	20.0	18.6	
76 2-Nitropropane	41	6.350	6.362	-0.012	99	27585	40.0	34.8	
77 2-Chloroethyl vinyl ether	63	6.396	6.396	0.000	95	39644	20.0	21.2	
78 Epichlorohydrin	57	6.499	6.499	0.000	100	118996	400.0	335.6	
79 cis-1,3-Dichloropropene	75	6.544	6.545	-0.001	98	96676	20.0	19.2	
80 4-Methyl-2-pentanone (MIBK	43	6.762	6.762	0.000	98	339684	100.0	98.2	
\$ 81 Toluene-d8 (Surr)	98	6.796	6.796	0.000	98	405988	50.0	50.3	
82 Toluene	91	6.876	6.887	-0.011	93	228020	20.0	18.5	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	97	84176	20.0	19.4	
84 Ethyl methacrylate	69	7.333	7.333	0.000	94	70081	20.0	20.7	
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	94	46296	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.459	7.459	0.000	95	53529	20.0	17.4	
87 1,3-Dichloropropane	76	7.630	7.630	0.000	98	88459	20.0	20.1	
88 2-Hexanone	43	7.722	7.722	0.000	99	198591	100.0	98.8	
89 Chlorodibromomethane	129	7.813	7.813	0.000	98	57183	20.0	19.6	
90 n-Butyl acetate	73	7.836	7.836	0.000	98	12418	20.0	19.6	
91 Ethylene Dibromide	107	7.927	7.928	-0.001	98	50979	20.0	19.8	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	365414	50.0	50.0	
93 Chlorobenzene	112	8.362	8.362	0.000	95	146053	20.0	18.6	
94 Ethylbenzene	106	8.453	8.453	0.000	99	74527	20.0	18.7	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	95	57996	20.0	19.4	
96 m-Xylene & p-Xylene	106	8.556	8.556	0.000	0	91489	20.0	18.6	
97 o-Xylene	106	8.899	8.899	0.000	92	93207	20.0	18.6	
98 n-Butyl acrylate	73	8.922	8.922	0.000	95	36940	20.0	22.2	
99 Styrene	104	8.933	8.933	0.000	91	151501	20.0	18.0	
100 Bromoform	173	9.093	9.093	0.000	96	38876	20.0	20.8	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	88	105100	20.0	18.5	
102 Isopropylbenzene	105	9.196	9.196	0.000	97	239967	20.0	19.5	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	96	177720	50.0	53.0	
104 Bromobenzene	156	9.459	9.459	0.000	97	69164	20.0	18.2	
105 1,1,2,2-Tetrachloroethane	83	9.528	9.516	0.012	96	45653	20.0	15.7	
106 N-Propylbenzene	91	9.528	9.528	0.000	99	283001	20.0	18.7	
107 1,2,3-Trichloropropane	110	9.550	9.551	-0.001	95	19568	20.0	21.7	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	79	27915	20.0	21.0	
109 2-Chlorotoluene	91	9.608	9.608	0.000	97	210335	20.0	18.6	
110 4-Ethyltoluene	105	9.619	9.619	0.000	98	246781	20.0	18.3	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	93	204676	20.0	18.6	
112 4-Chlorotoluene	91	9.699	9.699	0.000	98	210614	20.0	18.8	
113 Butyl Methacrylate	87	9.768	9.768	0.000	96	58564	20.0	13.2	
114 tert-Butylbenzene	91	9.905	9.905	0.000	92	111219	20.0	17.5	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	94	207526	20.0	18.4	
116 sec-Butylbenzene	105	10.076	10.076	0.000	99	220135	20.0	18.1	
117 1,3-Dichlorobenzene	146	10.179	10.179	0.000	95	126072	20.0	18.3	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	98	187550	20.0	18.3	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	95	215057	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	92	135668	20.0	18.3	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	98	229782	20.0	19.2	
122 Benzyl chloride	126	10.373	10.374	-0.001	98	25048	20.0	17.0	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	93	252378	20.0	19.0	
124 p-Diethylbenzene	105	10.465	10.465	0.000	92	107105	20.0	18.4	
125 n-Butylbenzene	92	10.488	10.488	0.000	97	103643	20.0	18.5	
126 1,2-Dichlorobenzene	146	10.533	10.534	-0.001	96	132196	20.0	19.0	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	190732	20.0	18.5	
128 1,2-Dibromo-3-Chloropropan	75	11.093	11.094	-0.001	91	8437	20.0	16.2	
129 1,3,5-Trichlorobenzene	180	11.196	11.196	0.000	97	92056	20.0	18.5	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	94	93597	20.0	19.0	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	96	29225	20.0	16.0	
132 Naphthalene	128	11.814	11.814	0.000	99	246489	20.0	21.1	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	95	89531	20.0	19.5	
S 134 1,2-Dichloroethene, Total	100				0		40.0	35.9	
S 135 Xylenes, Total	100				0		40.0	37.3	

Reagents:

GASES Li_00268	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00082	Amount Added: 20.00	Units: uL	
ACROLEIN W_00078	Amount Added: 4.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32015.D

Injection Date: 10-Jul-2018 00:25:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

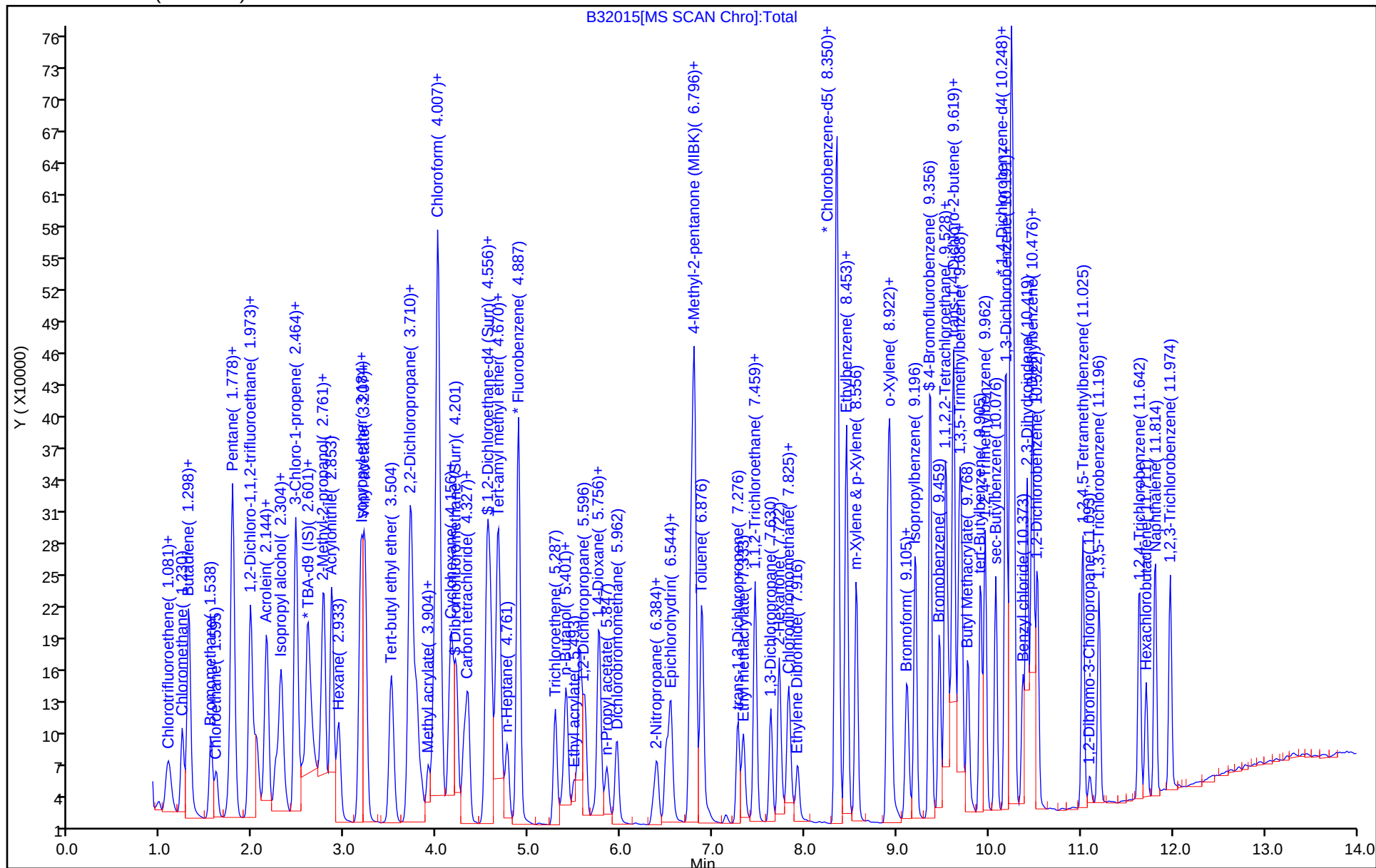
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-535008/3

Matrix: Water Lab File ID: B32044.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 12:19

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 535008 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.8		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.8		1.0	0.43
75-34-3	1,1-Dichloroethane	20.8		1.0	0.26
75-35-4	1,1-Dichloroethene	19.2		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	19.1		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.1		1.0	0.37
78-87-5	1,2-Dichloropropane	20.8		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.9		1.0	0.76
123-91-1	1,4-Dioxane	442		50	28
78-93-3	2-Butanone (MEK)	103		5.0	1.9
591-78-6	2-Hexanone	97.6		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	95.8		5.0	2.7
67-64-1	Acetone	96.8		5.0	5.0
71-43-2	Benzene	19.5		1.0	0.43
75-25-2	Bromoform	20.7		1.0	0.54
74-83-9	Bromomethane	20.0		1.0	1.0
75-15-0	Carbon disulfide	18.1		1.0	0.16
56-23-5	Carbon tetrachloride	20.8		1.0	0.21
108-90-7	Chlorobenzene	19.4		1.0	0.38
74-97-5	Chlorobromomethane	17.2		1.0	0.41
124-48-1	Chlorodibromomethane	19.5		1.0	0.28
75-00-3	Chloroethane	20.4		1.0	0.32
67-66-3	Chloroform	20.1		1.0	0.33
74-87-3	Chloromethane	18.4		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.7		1.0	0.46
110-82-7	Cyclohexane	19.7		1.0	0.32
75-27-4	Dichlorobromomethane	19.7		1.0	0.34
75-71-8	Dichlorodifluoromethane	20.1		1.0	0.12
100-41-4	Ethylbenzene	19.2		1.0	0.30
106-93-4	Ethylene Dibromide	20.1		1.0	0.50
98-82-8	Isopropylbenzene	19.3		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-535008/3
 Matrix: Water Lab File ID: B32044.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 07/10/2018 12:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 535008 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	41.2		5.0	0.31
1634-04-4	Methyl tert-butyl ether	21.0		1.0	0.47
108-87-2	Methylcyclohexane	18.7		1.0	0.26
75-09-2	Methylene Chloride	19.4		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.4		1.0	0.30
95-47-6	o-Xylene	18.6		1.0	0.36
100-42-5	Styrene	19.8		1.0	0.42
127-18-4	Tetrachloroethene	19.3		1.0	0.25
108-88-3	Toluene	19.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.0		1.0	0.49
79-01-6	Trichloroethene	19.7		1.0	0.31
75-69-4	Trichlorofluoromethane	19.9		1.0	0.14
75-01-4	Vinyl chloride	19.4		1.0	0.17
107-06-2	1,2-Dichloroethane	21.9		1.0	0.43
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	16.3		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		74-132
460-00-4	4-Bromofluorobenzene	119		77-124
1868-53-7	Dibromofluoromethane (Surr)	105		72-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32044.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 10-Jul-2018 12:19:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0075202-003
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:46:29 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:31:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.093	1.081	0.012	87	15971	20.0	21.5	
2 Dichlorodifluoromethane	85	1.104	1.104	0.000	97	91116	20.0	20.1	
3 Chloromethane	50	1.253	1.253	0.000	98	115031	20.0	18.4	
4 Butadiene	54	1.321	1.321	0.000	97	90758	20.0	19.9	
5 Vinyl chloride	62	1.333	1.333	0.000	98	105890	20.0	19.4	
6 Bromomethane	94	1.561	1.573	-0.012	99	71221	20.0	20.0	
7 Chloroethane	64	1.618	1.618	0.000	100	59115	20.0	20.4	
9 Dichlorofluoromethane	67	1.790	1.801	-0.011	98	149765	20.0	21.1	
8 Trichlorofluoromethane	101	1.801	1.801	0.000	96	94736	20.0	19.9	
10 Pentane	72	1.801	1.801	0.000	96	16883	40.0	37.3	
12 Ethyl ether	59	1.984	1.984	0.000	86	57115	20.0	20.8	
11 Ethanol	46	1.996	1.984	0.012	84	16869	800.0	823.8	
13 2-Methyl-1,3-butadiene	53	1.996	1.996	0.000	97	60028	20.0	20.3	
14 1,2-Dichloro-1,1,2-trifluo	117	2.053	2.053	0.000	97	51636	20.0	19.5	
15 Acrolein	56	2.144	2.144	0.000	97	22761	40.0	42.8	
17 1,1,2-Trichloro-1,2,2-trif	101	2.167	2.167	0.000	95	56345	20.0	19.9	
16 1,1-Dichloroethene	96	2.167	2.167	0.000	95	55130	20.0	19.2	
18 Acetone	43	2.258	2.258	0.000	84	95151	100.0	96.8	
19 Iodomethane	142	2.304	2.304	0.000	100	112455	20.0	19.9	
20 Carbon disulfide	76	2.338	2.338	0.000	100	217721	20.0	18.1	
21 Isopropyl alcohol	45	2.384	2.373	0.011	99	44647	200.0	198.3	
22 3-Chloro-1-propene	76	2.476	2.476	0.000	90	42464	20.0	20.0	
23 Cyclopentene	67	2.487	2.487	0.000	94	148997	20.0	19.9	
24 Methyl acetate	43	2.498	2.498	0.000	100	100344	40.0	41.2	
25 Acetonitrile	41	2.556	2.556	0.000	95	102476	200.0	185.4	
26 Methylene Chloride	84	2.613	2.613	0.000	98	70710	20.0	19.4	
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	266714	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.704	2.704	0.000	54	70355	200.0	190.4	
29 Methyl tert-butyl ether	73	2.773	2.773	0.000	99	184571	20.0	21.0	
30 trans-1,2-Dichloroethene	96	2.784	2.784	0.000	98	62318	20.0	17.5	
31 Acrylonitrile	53	2.876	2.876	0.000	94	248927	200.0	193.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.944	2.944	0.000	93	49668	20.0	18.6	
33 Isopropyl ether	45	3.184	3.184	0.000	94	256637	20.0	20.5	
34 1,1-Dichloroethane	63	3.196	3.196	0.000	98	131050	20.0	20.8	
35 Vinyl acetate	86	3.230	3.230	0.000	100	21219	40.0	37.1	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	93	53028	20.0	19.5	
37 Tert-butyl ethyl ether	59	3.516	3.516	0.000	88	209785	20.0	19.9	
38 2,2-Dichloropropane	41	3.710	3.710	0.000	94	71227	20.0	22.2	
* 39 2-Butanone-d5	46	3.721	3.721	0.000	0	312644	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	93	69612	20.0	19.9	
41 2-Butanone (MEK)	72	3.779	3.779	0.000	95	30864	100.0	103.2	
42 Ethyl acetate	70	3.801	3.801	0.000	97	11585	40.0	36.5	
43 Methyl acrylate	85	3.847	3.847	0.000	98	7581	20.0	22.4	
44 Propionitrile	54	3.916	3.916	0.000	96	87513	200.0	205.2	
45 Tetrahydrofuran	72	3.984	3.973	0.011	58	13164	40.0	38.7	
46 Chlorobromomethane	128	3.984	3.984	0.000	93	31955	20.0	17.2	
47 Methacrylonitrile	67	4.019	4.019	0.000	96	233942	200.0	216.0	
48 Chloroform	83	4.053	4.053	0.000	97	109207	20.0	20.1	
49 Cyclohexane	84	4.156	4.156	0.000	97	74912	20.0	19.7	
50 1,1,1-Trichloroethane	97	4.190	4.190	0.000	97	91558	20.0	21.0	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.224	0.000	96	106520	50.0	52.3	
52 Carbon tetrachloride	117	4.304	4.304	0.000	97	75089	20.0	20.8	
53 1,1-Dichloropropene	75	4.350	4.350	0.000	94	78679	20.0	19.2	
54 Isooctane	57	4.544	4.544	0.000	94	122011	20.0	19.7	
55 Benzene	78	4.556	4.556	0.000	98	237785	20.0	19.5	
56 Isobutyl alcohol	74	4.567	4.556	0.011	69	16448	500.0	455.9	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	83	116743	50.0	50.5	
59 Tert-amyl methyl ether	73	4.670	4.670	0.000	92	208364	20.0	20.9	
60 1,2-Dichloroethane	62	4.682	4.682	0.000	92	86879	20.0	21.9	
61 Isopropyl acetate	61	4.693	4.693	0.000	97	33774	20.0	21.5	
62 n-Heptane	57	4.773	4.773	0.000	95	26457	20.0	17.6	
* 63 Fluorobenzene	96	4.899	4.899	0.000	97	478475	50.0	50.0	
64 Trichloroethene	95	5.299	5.299	0.000	96	56848	20.0	19.7	
65 n-Butanol	43	5.402	5.379	0.023	49	21691	500.0	431.2	M
66 Methylcyclohexane	83	5.413	5.413	0.000	92	69669	20.0	18.7	
67 Ethyl acrylate	55	5.493	5.493	0.000	96	68681	20.0	19.9	
69 1,2-Dichloropropane	63	5.619	5.619	0.000	94	69077	20.0	20.8	
* 70 1,4-Dioxane-d8	96	5.722	5.722	0.000	95	19810	1000.0	1000.0	
72 Dibromomethane	93	5.767	5.767	0.000	96	37602	20.0	19.9	
71 Methyl methacrylate	100	5.767	5.767	0.000	95	24607	40.0	43.3	
73 1,4-Dioxane	88	5.779	5.779	0.000	32	11228	400.0	441.5	
74 n-Propyl acetate	43	5.859	5.859	0.000	98	88315	20.0	21.0	
75 Dichlorobromomethane	83	5.962	5.962	0.000	98	79783	20.0	19.7	
76 2-Nitropropane	41	6.362	6.362	0.000	97	25558	40.0	34.5	
77 2-Chloroethyl vinyl ether	63	6.396	6.396	0.000	96	34890	20.0	19.9	
78 Epichlorohydrin	57	6.499	6.499	0.000	99	102925	400.0	316.1	
79 cis-1,3-Dichloropropene	75	6.545	6.545	0.000	99	94487	20.0	19.7	
80 4-Methyl-2-pentanone (MIBK	43	6.773	6.773	0.000	97	304344	100.0	95.8	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.807	0.000	98	399463	50.0	52.0	
82 Toluene	91	6.887	6.887	0.000	93	225089	20.0	19.2	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	98	82975	20.0	20.0	
84 Ethyl methacrylate	69	7.333	7.333	0.000	96	65150	20.0	20.2	
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	95	45418	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.470	7.470	0.000	96	56416	20.0	19.3	
87 1,3-Dichloropropane	76	7.630	7.630	0.000	98	85528	20.0	20.4	
88 2-Hexanone	43	7.722	7.722	0.000	99	180101	100.0	97.6	
89 Chlorodibromomethane	129	7.825	7.825	0.000	97	54250	20.0	19.5	
90 n-Butyl acetate	73	7.836	7.836	0.000	98	12083	20.0	20.1	
91 Ethylene Dibromide	107	7.928	7.928	0.000	100	49446	20.0	20.1	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	347876	50.0	50.0	
93 Chlorobenzene	112	8.373	8.373	0.000	93	145194	20.0	19.4	
94 Ethylbenzene	106	8.453	8.453	0.000	99	73001	20.0	19.2	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	95	56036	20.0	19.7	
96 m-Xylene & p-Xylene	106	8.568	8.568	0.000	0	90862	20.0	19.4	
97 o-Xylene	106	8.911	8.911	-0.001	92	88522	20.0	18.6	
98 n-Butyl acrylate	73	8.933	8.933	0.000	96	33480	20.0	21.1	
99 Styrene	104	8.933	8.933	0.000	92	159231	20.0	19.8	
100 Bromoform	173	9.105	9.105	0.000	96	36801	20.0	20.7	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	88	97417	20.0	18.2	
102 Isopropylbenzene	105	9.208	9.208	0.000	97	226756	20.0	19.3	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	94	189553	50.0	59.4	
104 Bromobenzene	156	9.471	9.471	0.000	96	67014	20.0	18.7	
105 1,1,2,2-Tetrachloroethane	83	9.528	9.528	0.000	99	46117	20.0	16.8	
106 N-Propylbenzene	91	9.528	9.528	0.000	98	269114	20.0	18.8	
107 1,2,3-Trichloropropane	110	9.551	9.551	0.000	97	17325	20.0	20.3	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	83	26183	20.0	20.8	
109 2-Chlorotoluene	91	9.619	9.619	0.000	96	204369	20.0	19.1	
110 4-Ethyltoluene	105	9.631	9.631	0.000	98	231112	20.0	18.1	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	93	202899	20.0	19.5	
112 4-Chlorotoluene	91	9.711	9.711	0.000	99	205459	20.0	19.4	
113 Butyl Methacrylate	87	9.779	9.779	0.000	96	56210	20.0	13.4	
114 tert-Butylbenzene	91	9.916	9.916	0.000	92	105883	20.0	17.6	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	99	205752	20.0	19.3	
116 sec-Butylbenzene	105	10.076	10.076	0.000	99	211304	20.0	18.4	
117 1,3-Dichlorobenzene	146	10.191	10.191	0.000	93	118761	20.0	18.2	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	98	181386	20.0	18.7	
* 119 1,4-Dichlorobenzene-d4	152	10.248	10.236	0.012	96	203632	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	93	132787	20.0	18.9	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	99	222481	20.0	19.6	
122 Benzyl chloride	126	10.374	10.374	0.000	98	26772	20.0	19.2	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	93	238847	20.0	19.0	
124 p-Diethylbenzene	105	10.465	10.465	0.000	91	107561	20.0	19.5	
125 n-Butylbenzene	92	10.488	10.488	0.000	97	96942	20.0	18.2	
126 1,2-Dichlorobenzene	146	10.534	10.534	0.000	96	130021	20.0	19.8	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	183271	20.0	18.8	
128 1,2-Dibromo-3-Chloropropan	75	11.105	11.105	0.000	93	8046	20.0	16.3	
129 1,3,5-Trichlorobenzene	180	11.196	11.196	0.000	97	89412	20.0	19.0	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	93	89216	20.0	19.1	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	96	27813	20.0	16.1	
132 Naphthalene	128	11.814	11.814	0.000	99	218916	20.0	19.8	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	94	82846	20.0	19.1	
S 134 1,2-Dichloroethene, Total	100				0		40.0	37.4	
S 135 Xylenes, Total	100				0		40.0	38.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00268	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00082	Amount Added: 20.00	Units: uL	
ACROLEIN W_00078	Amount Added: 4.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75202.b\\B32044.D

Injection Date: 10-Jul-2018 12:19:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

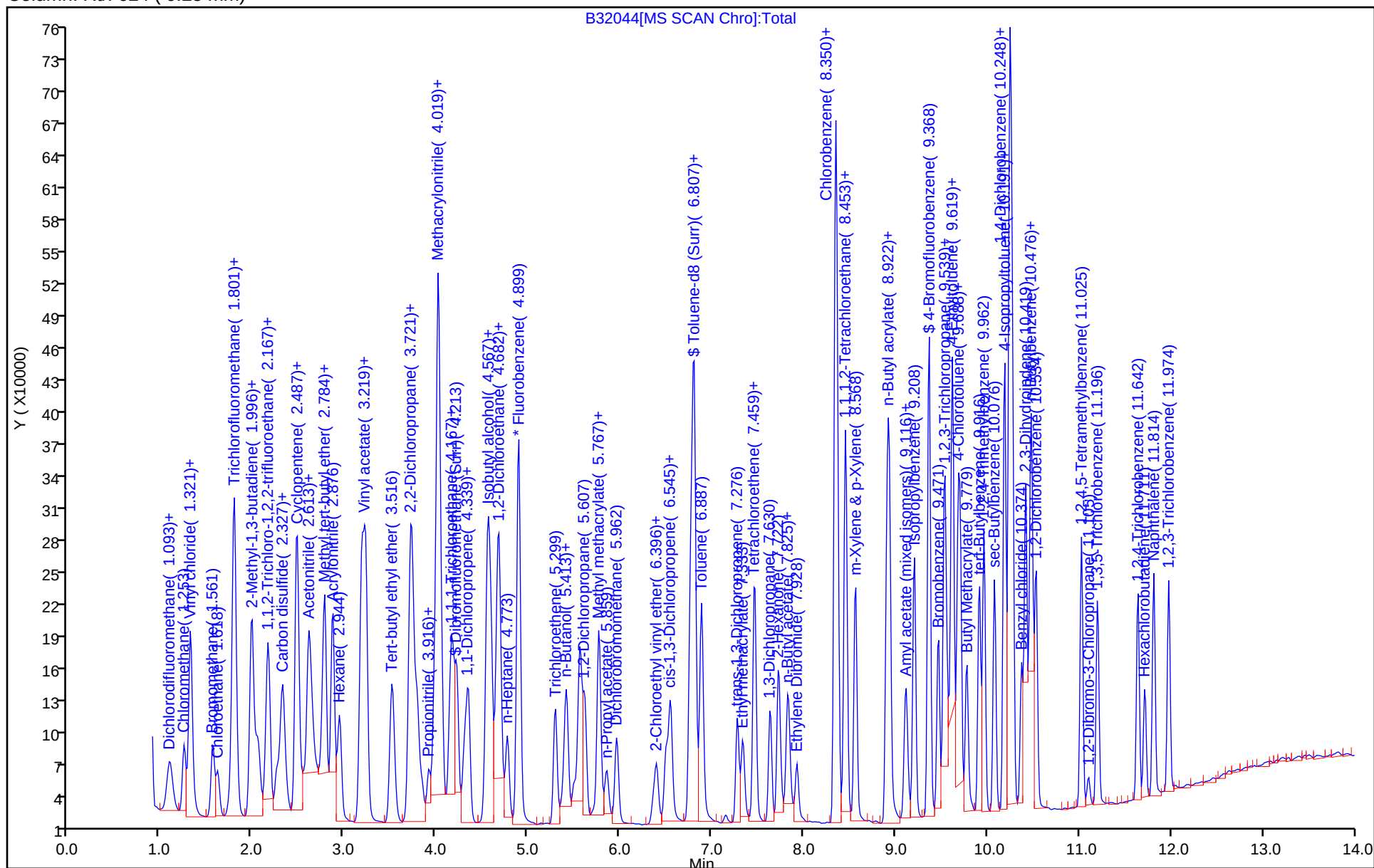
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-535140/3

Matrix: Water Lab File ID: B32069.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 23:00

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.: 535140 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	13.2		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.3		1.0	0.43
75-34-3	1,1-Dichloroethane	20.5		1.0	0.26
75-35-4	1,1-Dichloroethene	21.2		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	19.0		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.3		1.0	0.37
78-87-5	1,2-Dichloropropane	19.8		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.3		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.0		1.0	0.76
123-91-1	1,4-Dioxane	423		50	28
78-93-3	2-Butanone (MEK)	99.1		5.0	1.9
591-78-6	2-Hexanone	95.2		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	98.1		5.0	2.7
67-64-1	Acetone	101		5.0	5.0
71-43-2	Benzene	20.0		1.0	0.43
75-25-2	Bromoform	20.8		1.0	0.54
74-83-9	Bromomethane	18.9		1.0	1.0
75-15-0	Carbon disulfide	19.2		1.0	0.16
56-23-5	Carbon tetrachloride	20.6		1.0	0.21
108-90-7	Chlorobenzene	19.2		1.0	0.38
74-97-5	Chlorobromomethane	18.1		1.0	0.41
124-48-1	Chlorodibromomethane	20.0		1.0	0.28
75-00-3	Chloroethane	20.4		1.0	0.32
67-66-3	Chloroform	19.9		1.0	0.33
74-87-3	Chloromethane	18.6		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	20.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.7		1.0	0.46
110-82-7	Cyclohexane	20.8		1.0	0.32
75-27-4	Dichlorobromomethane	19.6		1.0	0.34
75-71-8	Dichlorodifluoromethane	20.8		1.0	0.12
100-41-4	Ethylbenzene	19.7		1.0	0.30
106-93-4	Ethylene Dibromide	20.8		1.0	0.50
98-82-8	Isopropylbenzene	18.8		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-535140/3
 Matrix: Water Lab File ID: B32069.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 23:00
 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.: 535140 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	48.1		5.0	0.31
1634-04-4	Methyl tert-butyl ether	22.1		1.0	0.47
108-87-2	Methylcyclohexane	20.9		1.0	0.26
75-09-2	Methylene Chloride	21.0		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.9		1.0	0.30
95-47-6	o-Xylene	20.0		1.0	0.36
100-42-5	Styrene	19.3		1.0	0.42
127-18-4	Tetrachloroethene	18.7		1.0	0.25
108-88-3	Toluene	18.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.3		1.0	0.49
79-01-6	Trichloroethene	19.2		1.0	0.31
75-69-4	Trichlorofluoromethane	21.2		1.0	0.14
75-01-4	Vinyl chloride	19.7		1.0	0.17
107-06-2	1,2-Dichloroethane	22.0		1.0	0.43
95-50-1	1,2-Dichlorobenzene	19.0		1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	13.8		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		74-132
460-00-4	4-Bromofluorobenzene	119		77-124
1868-53-7	Dibromofluoromethane (Surr)	97		72-131
2037-26-5	Toluene-d8 (Surr)	95		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32069.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 10-Jul-2018 23:00:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0075225-003
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 11-Jul-2018 12:37:47 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: delpolitov

Date: 11-Jul-2018 12:32:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.081	1.070	0.011	90	20192	20.0	26.1	
2 Dichlorodifluoromethane	85	1.104	1.104	0.000	98	98310	20.0	20.8	
3 Chloromethane	50	1.241	1.241	0.000	99	120902	20.0	18.6	
4 Butadiene	54	1.310	1.310	0.000	97	97862	20.0	20.7	
5 Vinyl chloride	62	1.321	1.321	0.000	100	111799	20.0	19.7	
6 Bromomethane	94	1.550	1.561	-0.011	99	70014	20.0	18.9	
7 Chloroethane	64	1.607	1.618	-0.011	99	61314	20.0	20.4	
9 Dichlorofluoromethane	67	1.778	1.790	-0.012	98	160125	20.0	21.7	
8 Trichlorofluoromethane	101	1.790	1.790	0.000	56	104984	20.0	21.2	
10 Pentane	72	1.790	1.790	0.000	95	19862	40.0	39.8	
12 Ethyl ether	59	1.973	1.973	0.000	90	62853	20.0	22.1	
11 Ethanol	46	1.973	1.973	0.000	86	18261	800.0	810.3	
13 2-Methyl-1,3-butadiene	53	1.984	1.984	0.000	97	68140	20.0	22.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.053	2.053	0.000	96	60048	20.0	21.8	
15 Acrolein	56	2.133	2.133	0.000	96	27469	40.0	47.2	
17 1,1,2-Trichloro-1,2,2-trif	101	2.155	2.156	-0.001	97	64661	20.0	21.9	
16 1,1-Dichloroethene	96	2.167	2.167	0.000	94	63211	20.0	21.2	
18 Acetone	43	2.258	2.258	0.000	84	113288	100.0	100.9	
19 Iodomethane	142	2.304	2.304	0.000	98	117507	20.0	20.0	
20 Carbon disulfide	76	2.327	2.327	0.000	100	240263	20.0	19.2	
21 Isopropyl alcohol	45	2.373	2.373	0.000	98	49337	200.0	199.1	
22 3-Chloro-1-propene	76	2.464	2.476	-0.012	88	42655	20.0	19.3	
23 Cyclopentene	67	2.475	2.476	-0.001	92	165861	20.0	21.3	
24 Methyl acetate	43	2.498	2.498	0.000	99	121790	40.0	48.1	
25 Acetonitrile	41	2.544	2.544	0.000	98	123071	200.0	214.7	
26 Methylene Chloride	84	2.601	2.601	0.000	98	79330	20.0	21.0	
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	293512	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.704	2.704	0.000	54	76158	200.0	187.3	
29 Methyl tert-butyl ether	73	2.773	2.773	0.000	98	201751	20.0	22.1	
30 trans-1,2-Dichloroethene	96	2.784	2.784	0.000	98	65649	20.0	17.7	
31 Acrylonitrile	53	2.864	2.864	0.000	94	283455	200.0	211.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.944	2.944	0.000	93	57287	20.0	20.6	
33 Isopropyl ether	45	3.184	3.184	0.000	93	274402	20.0	21.1	
34 1,1-Dichloroethane	63	3.184	3.184	0.000	98	134394	20.0	20.5	
35 Vinyl acetate	86	3.230	3.230	0.000	100	21705	40.0	34.4	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	93	56096	20.0	19.8	
37 Tert-butyl ethyl ether	59	3.516	3.516	0.000	87	224623	20.0	20.5	
38 2,2-Dichloropropane	41	3.710	3.710	0.000	93	75954	20.0	22.8	
* 39 2-Butanone-d5	46	3.710	3.710	0.000	0	357142	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	92	73639	20.0	20.3	
41 2-Butanone (MEK)	72	3.778	3.779	-0.001	97	33879	100.0	99.1	
42 Ethyl acetate	70	3.790	3.801	-0.011	94	12521	40.0	34.6	
43 Methyl acrylate	85	3.847	3.847	0.000	99	8842	20.0	25.2	
44 Propionitrile	54	3.916	3.916	0.000	96	96106	200.0	204.7	
45 Tetrahydrofuran	72	3.973	3.973	0.000	64	13374	40.0	34.5	
46 Chlorobromomethane	128	3.973	3.973	0.000	95	35004	20.0	18.1	
47 Methacrylonitrile	67	4.019	4.019	0.000	96	261757	200.0	232.5	
48 Chloroform	83	4.053	4.053	0.000	97	112407	20.0	19.9	
49 Cyclohexane	84	4.156	4.156	0.000	96	82037	20.0	20.8	
50 1,1,1-Trichloroethane	97	4.179	4.179	0.000	97	94257	20.0	20.8	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.224	0.000	96	102710	50.0	48.5	
52 Carbon tetrachloride	117	4.304	4.304	0.000	96	77193	20.0	20.6	
53 1,1-Dichloropropene	75	4.350	4.350	0.000	93	81347	20.0	19.1	
54 Isooctane	57	4.544	4.544	0.000	91	136672	20.0	21.3	
55 Benzene	78	4.556	4.556	0.000	98	248100	20.0	20.0	
56 Isobutyl alcohol	74	4.556	4.556	0.000	74	15594	500.0	392.8	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	85	112384	50.0	46.8	
59 Tert-amyl methyl ether	73	4.670	4.670	0.000	91	215388	20.0	20.8	
60 1,2-Dichloroethane	62	4.670	4.682	-0.012	95	90434	20.0	22.0	
61 Isopropyl acetate	61	4.693	4.693	0.000	98	35870	20.0	22.0	
62 n-Heptane	57	4.773	4.773	0.000	93	27656	20.0	17.7	
* 63 Fluorobenzene	96	4.899	4.899	0.000	98	497315	50.0	50.0	
64 Trichloroethene	95	5.299	5.287	0.012	97	57589	20.0	19.2	
65 n-Butanol	43	5.367	5.367	0.000	91	24634	500.0	445.0	M
66 Methylcyclohexane	83	5.413	5.413	0.000	94	81224	20.0	20.9	
67 Ethyl acrylate	55	5.493	5.493	0.000	97	78378	20.0	21.8	
69 1,2-Dichloropropane	63	5.619	5.619	0.000	92	68243	20.0	19.8	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	96	20682	1000.0	1000.0	
72 Dibromomethane	93	5.767	5.767	0.000	96	39731	20.0	20.2	
71 Methyl methacrylate	100	5.767	5.767	0.000	95	25528	40.0	43.2	
73 1,4-Dioxane	88	5.779	5.779	0.000	31	11261	400.0	423.1	
74 n-Propyl acetate	43	5.859	5.859	0.000	99	94769	20.0	21.7	
75 Dichlorobromomethane	83	5.962	5.962	0.000	98	82567	20.0	19.6	
76 2-Nitropropane	41	6.362	6.362	0.000	99	25435	40.0	33.0	
77 2-Chloroethyl vinyl ether	63	6.396	6.396	0.000	97	36916	20.0	20.3	
78 Epichlorohydrin	57	6.499	6.499	0.000	100	120935	400.0	325.2	
79 cis-1,3-Dichloropropene	75	6.544	6.545	-0.001	97	96078	20.0	19.7	
80 4-Methyl-2-pentanone (MIBK	43	6.773	6.773	0.000	98	355842	100.0	98.1	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.807	0.000	98	370632	50.0	47.4	
82 Toluene	91	6.887	6.887	0.000	93	224653	20.0	18.9	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	97	85395	20.0	20.3	
84 Ethyl methacrylate	69	7.333	7.333	0.000	95	67782	20.0	20.7	
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	93	47404	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.470	7.470	0.000	97	55749	20.0	18.7	
87 1,3-Dichloropropane	76	7.630	7.630	0.000	98	85241	20.0	20.0	
88 2-Hexanone	43	7.722	7.722	0.000	99	200728	100.0	95.2	
89 Chlorodibromomethane	129	7.825	7.825	0.000	98	56580	20.0	20.0	
90 n-Butyl acetate	73	7.836	7.836	0.000	98	11442	20.0	18.7	
91 Ethylene Dibromide	107	7.927	7.928	-0.001	99	52138	20.0	20.8	
* 92 Chlorobenzene-d5	117	8.350	8.339	0.011	91	354112	50.0	50.0	
93 Chlorobenzene	112	8.373	8.373	0.000	91	146634	20.0	19.2	
94 Ethylbenzene	106	8.453	8.453	0.000	99	76373	20.0	19.7	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	95	53360	20.0	18.4	
96 m-Xylene & p-Xylene	106	8.568	8.568	0.000	0	94569	20.0	19.9	
97 o-Xylene	106	8.910	8.911	-0.001	94	96809	20.0	20.0	
98 n-Butyl acrylate	73	8.933	8.933	0.000	95	30939	20.0	19.1	
99 Styrene	104	8.933	8.933	0.000	91	157665	20.0	19.3	
100 Bromoform	173	9.105	9.105	0.000	96	37718	20.0	20.8	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	88	89274	20.0	15.8	
102 Isopropylbenzene	105	9.208	9.208	0.000	97	224067	20.0	18.8	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	92	192710	50.0	59.3	
104 Bromobenzene	156	9.470	9.471	-0.001	96	68478	20.0	18.1	
105 1,1,2,2-Tetrachloroethane	83	9.528	9.528	0.000	98	38122	20.0	13.2	
106 N-Propylbenzene	91	9.539	9.539	0.000	99	281559	20.0	18.7	
107 1,2,3-Trichloropropane	110	9.550	9.551	-0.001	97	19124	20.0	21.3	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	83	27863	20.0	21.1	
109 2-Chlorotoluene	91	9.619	9.619	0.000	98	215585	20.0	19.1	
110 4-Ethyltoluene	105	9.630	9.631	-0.001	98	240187	20.0	17.8	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	94	208283	20.0	19.0	
112 4-Chlorotoluene	91	9.710	9.711	-0.001	98	213160	20.0	19.1	
113 Butyl Methacrylate	87	9.779	9.779	0.000	95	48466	20.0	10.9	
114 tert-Butylbenzene	91	9.916	9.916	0.000	92	106390	20.0	16.8	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	94	207022	20.0	18.5	
116 sec-Butylbenzene	105	10.076	10.076	0.000	99	217833	20.0	18.0	
117 1,3-Dichlorobenzene	146	10.191	10.191	0.000	95	126002	20.0	18.3	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	97	189746	20.0	18.5	
* 119 1,4-Dichlorobenzene-d4	152	10.248	10.248	0.000	97	214385	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	94	140179	20.0	19.0	
121 1,2,3-Trimethylbenzene	105	10.282	10.271	0.011	99	231342	20.0	19.4	
122 Benzyl chloride	126	10.373	10.374	-0.001	98	29897	20.0	20.3	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	93	245270	20.0	18.6	
124 p-Diethylbenzene	105	10.465	10.465	0.000	93	108464	20.0	18.7	
125 n-Butylbenzene	92	10.488	10.488	0.000	96	100041	20.0	17.9	
126 1,2-Dichlorobenzene	146	10.533	10.534	-0.001	95	131408	20.0	19.0	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	191095	20.0	18.6	
128 1,2-Dibromo-3-Chloropropan	75	11.105	11.105	0.000	94	7166	20.0	13.8	
129 1,3,5-Trichlorobenzene	180	11.196	11.196	0.000	96	91873	20.0	18.5	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	92	94662	20.0	19.3	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	96	29984	20.0	16.4	
132 Naphthalene	128	11.814	11.814	0.000	99	248744	20.0	21.3	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	94	86720	20.0	19.0	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.0	
S 135 Xylenes, Total	100				0		40.0	39.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00268	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00082	Amount Added: 20.00	Units: uL	
ACROLEIN W_00078	Amount Added: 4.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75225.b\\B32069.D

Injection Date: 10-Jul-2018 23:00:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

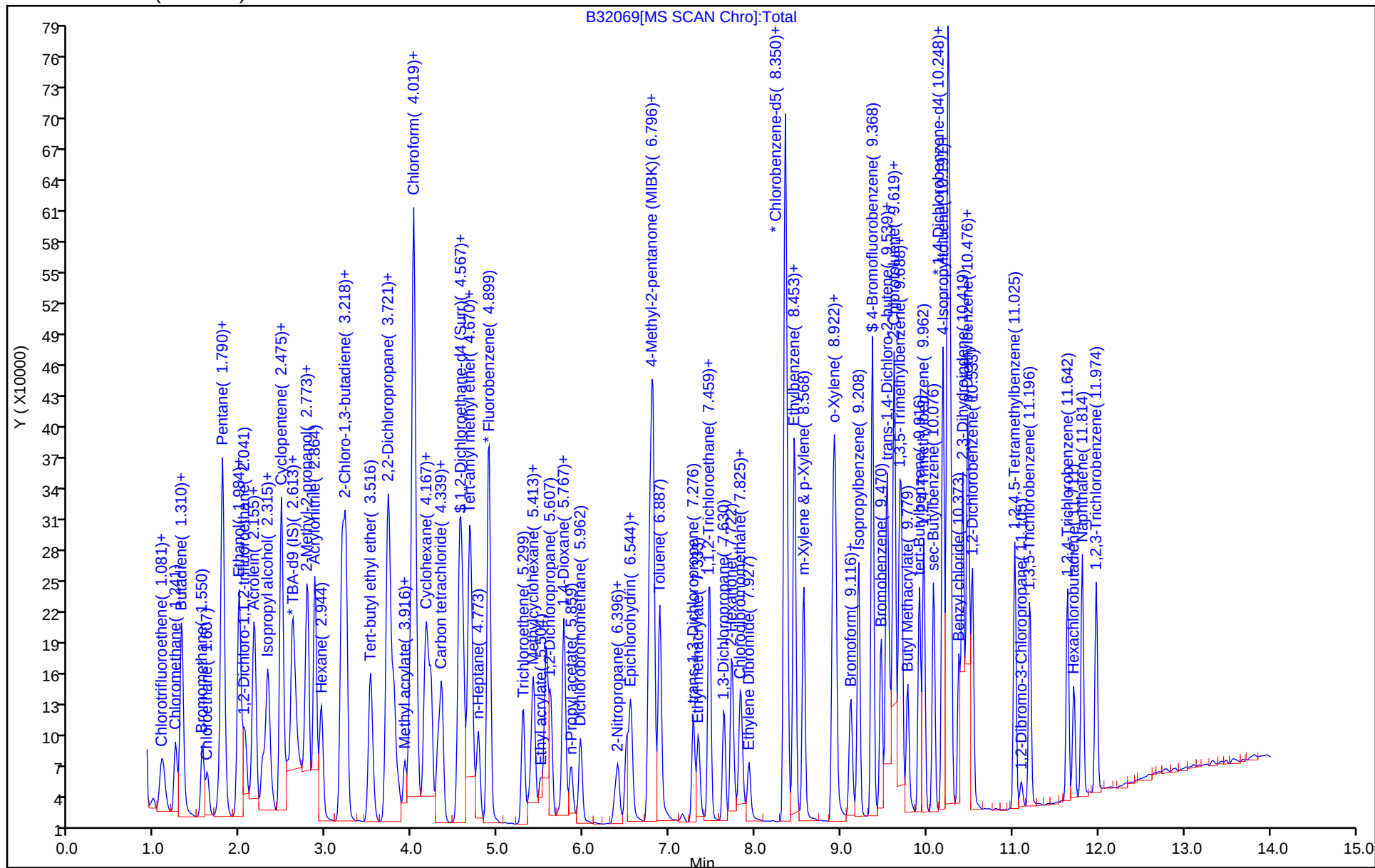
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-535008/4

Matrix: Water Lab File ID: B32045.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 12:43

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 535008 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	10.4		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.4		1.0	0.43
75-34-3	1,1-Dichloroethane	19.9		1.0	0.26
75-35-4	1,1-Dichloroethene	19.8		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	20.0		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.1		1.0	0.37
78-87-5	1,2-Dichloropropane	20.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.5		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.1		1.0	0.76
123-91-1	1,4-Dioxane	400		50	28
78-93-3	2-Butanone (MEK)	103		5.0	1.9
591-78-6	2-Hexanone	98.7		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	2.7
67-64-1	Acetone	100		5.0	5.0
71-43-2	Benzene	20.0		1.0	0.43
75-25-2	Bromoform	19.5		1.0	0.54
74-83-9	Bromomethane	19.0		1.0	1.0
75-15-0	Carbon disulfide	18.4		1.0	0.16
56-23-5	Carbon tetrachloride	20.9		1.0	0.21
108-90-7	Chlorobenzene	19.3		1.0	0.38
74-97-5	Chlorobromomethane	17.1		1.0	0.41
124-48-1	Chlorodibromomethane	20.6		1.0	0.28
75-00-3	Chloroethane	20.2		1.0	0.32
67-66-3	Chloroform	20.2		1.0	0.33
74-87-3	Chloromethane	18.3		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.46
110-82-7	Cyclohexane	20.0		1.0	0.32
75-27-4	Dichlorobromomethane	19.7		1.0	0.34
75-71-8	Dichlorodifluoromethane	20.1		1.0	0.12
100-41-4	Ethylbenzene	19.4		1.0	0.30
106-93-4	Ethylene Dibromide	20.2		1.0	0.50
98-82-8	Isopropylbenzene	20.5		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-535008/4
 Matrix: Water Lab File ID: B32045.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 12:43
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 535008 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	42.4		5.0	0.31
1634-04-4	Methyl tert-butyl ether	21.1		1.0	0.47
108-87-2	Methylcyclohexane	19.9		1.0	0.26
75-09-2	Methylene Chloride	20.3		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.8		1.0	0.30
95-47-6	o-Xylene	20.1		1.0	0.36
100-42-5	Styrene	19.0		1.0	0.42
127-18-4	Tetrachloroethene	19.6		1.0	0.25
108-88-3	Toluene	19.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	16.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.3		1.0	0.49
79-01-6	Trichloroethene	19.6		1.0	0.31
75-69-4	Trichlorofluoromethane	21.1		1.0	0.14
75-01-4	Vinyl chloride	19.2		1.0	0.17
107-06-2	1,2-Dichloroethane	21.9		1.0	0.43
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	9.79		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		74-132
460-00-4	4-Bromofluorobenzene	112		77-124
1868-53-7	Dibromofluoromethane (Surr)	102		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\B32045.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 10-Jul-2018 12:43:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0075202-004
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75202.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:41:08 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:32:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.081	1.081	0.000	90	17554	20.0	22.8	
2 Dichlorodifluoromethane	85	1.104	1.104	0.000	99	94586	20.0	20.1	
3 Chloromethane	50	1.241	1.253	-0.012	98	118332	20.0	18.3	
4 Butadiene	54	1.310	1.321	-0.011	93	94739	20.0	20.1	
5 Vinyl chloride	62	1.321	1.333	-0.012	99	108504	20.0	19.2	
6 Bromomethane	94	1.561	1.573	-0.012	99	69809	20.0	19.0	
7 Chloroethane	64	1.607	1.618	-0.011	100	60461	20.0	20.2	
9 Dichlorofluoromethane	67	1.790	1.801	-0.011	98	158209	20.0	21.5	
8 Trichlorofluoromethane	101	1.790	1.801	-0.011	58	104082	20.0	21.1	
10 Pentane	72	1.790	1.801	-0.011	96	19038	40.0	40.8	
12 Ethyl ether	59	1.973	1.984	-0.011	88	58898	20.0	20.8	
11 Ethanol	46	1.973	1.984	-0.011	83	17258	800.0	818.3	
13 2-Methyl-1,3-butadiene	53	1.984	1.996	-0.012	95	67099	20.0	21.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.053	2.053	0.000	97	58209	20.0	21.2	
15 Acrolein	56	2.133	2.144	-0.011	93	23006	40.0	42.0	
17 1,1,2-Trichloro-1,2,2-trif	101	2.155	2.167	-0.012	96	58984	20.0	20.1	
16 1,1-Dichloroethene	96	2.167	2.167	0.000	94	58806	20.0	19.8	
18 Acetone	43	2.258	2.258	0.000	85	98906	100.0	100.4	
19 Iodomethane	142	2.304	2.304	0.000	98	115116	20.0	19.7	
20 Carbon disulfide	76	2.327	2.338	-0.011	99	229089	20.0	18.4	
21 Isopropyl alcohol	45	2.373	2.373	0.000	99	45937	200.0	198.1	
22 3-Chloro-1-propene	76	2.464	2.476	-0.012	89	43994	20.0	20.0	
23 Cyclopentene	67	2.475	2.487	-0.012	93	158939	20.0	20.5	
24 Methyl acetate	43	2.487	2.498	-0.011	99	107006	40.0	42.4	
25 Acetonitrile	41	2.544	2.556	-0.012	97	102716	200.0	179.3	
26 Methylene Chloride	84	2.601	2.613	-0.012	99	76499	20.0	20.3	
* 27 TBA-d9 (IS)	65	2.635	2.636	-0.001	0	274691	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.704	2.704	0.000	95	73600	200.0	193.4	
29 Methyl tert-butyl ether	73	2.761	2.773	-0.012	98	191617	20.0	21.1	
30 trans-1,2-Dichloroethene	96	2.784	2.784	0.000	97	62470	20.0	16.9	
31 Acrylonitrile	53	2.864	2.876	-0.012	95	253926	200.0	190.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.944	2.944	0.000	93	52550	20.0	19.0	
33 Isopropyl ether	45	3.184	3.184	0.000	93	276605	20.0	21.3	
34 1,1-Dichloroethane	63	3.184	3.196	-0.012	98	129731	20.0	19.9	
35 Vinyl acetate	86	3.230	3.230	0.000	100	20554	40.0	34.9	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	92	55810	20.0	19.8	
37 Tert-butyl ethyl ether	59	3.516	3.516	0.000	88	220533	20.0	20.2	
38 2,2-Dichloropropane	41	3.710	3.710	0.000	93	72436	20.0	21.8	
* 39 2-Butanone-d5	46	3.710	3.721	-0.011	0	313132	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.733	3.744	-0.011	93	71639	20.0	19.8	
41 2-Butanone (MEK)	72	3.778	3.779	-0.001	96	30867	100.0	103.0	
42 Ethyl acetate	70	3.790	3.801	-0.011	95	12163	40.0	38.3	
43 Methyl acrylate	85	3.847	3.847	0.000	98	8182	20.0	23.4	
44 Propionitrile	54	3.916	3.916	0.000	96	86584	200.0	197.1	
45 Tetrahydrofuran	72	3.973	3.973	0.000	64	13959	40.0	41.0	
46 Chlorobromomethane	128	3.973	3.984	-0.011	96	32879	20.0	17.1	
47 Methacrylonitrile	67	4.018	4.019	-0.001	96	234775	200.0	209.3	
48 Chloroform	83	4.053	4.053	0.000	97	113597	20.0	20.2	
49 Cyclohexane	84	4.156	4.156	0.000	98	78821	20.0	20.0	
50 1,1,1-Trichloroethane	97	4.178	4.190	-0.012	98	92034	20.0	20.4	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.224	0.000	97	107628	50.0	51.0	
52 Carbon tetrachloride	117	4.304	4.304	0.000	96	78044	20.0	20.9	
53 1,1-Dichloropropene	75	4.339	4.350	-0.012	93	82428	20.0	19.4	
54 Isooctane	57	4.544	4.544	0.000	96	128678	20.0	20.1	
55 Benzene	78	4.556	4.556	0.000	98	247591	20.0	20.0	
56 Isobutyl alcohol	74	4.556	4.556	0.000	74	15682	500.0	422.1	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	84	121613	50.0	50.8	
59 Tert-amyl methyl ether	73	4.670	4.670	0.000	91	218963	20.0	21.2	
60 1,2-Dichloroethane	62	4.670	4.682	-0.012	95	89629	20.0	21.9	
61 Isopropyl acetate	61	4.693	4.693	0.000	97	33884	20.0	20.9	
62 n-Heptane	57	4.773	4.773	0.000	88	27141	20.0	17.4	
* 63 Fluorobenzene	96	4.887	4.899	-0.012	98	495532	50.0	50.0	
64 Trichloroethene	95	5.287	5.299	-0.012	97	58436	20.0	19.6	
65 n-Butanol	43	5.367	5.379	-0.012	90	23269	500.0	449.2	
66 Methylcyclohexane	83	5.413	5.413	0.000	93	76833	20.0	19.9	
67 Ethyl acrylate	55	5.493	5.493	0.000	97	72163	20.0	20.2	
69 1,2-Dichloropropane	63	5.619	5.619	0.000	93	70485	20.0	20.5	
* 70 1,4-Dioxane-d8	96	5.710	5.722	-0.012	95	20655	1000.0	1000.0	
72 Dibromomethane	93	5.767	5.767	0.000	95	38421	20.0	19.6	
71 Methyl methacrylate	100	5.767	5.767	0.000	96	24777	40.0	42.1	
73 1,4-Dioxane	88	5.779	5.779	0.000	83	10660	400.0	399.5	
74 n-Propyl acetate	43	5.859	5.859	0.000	98	90335	20.0	20.7	
75 Dichlorobromomethane	83	5.962	5.962	0.000	98	82592	20.0	19.7	
76 2-Nitropropane	41	6.362	6.362	0.000	98	21209	40.0	27.6	
77 2-Chloroethyl vinyl ether	63	6.396	6.396	0.000	97	36289	20.0	20.0	
78 Epichlorohydrin	57	6.499	6.499	0.000	100	109296	400.0	335.2	
79 cis-1,3-Dichloropropene	75	6.544	6.545	-0.001	98	98022	20.0	20.2	
80 4-Methyl-2-pentanone (MIBK	43	6.773	6.773	0.000	97	330038	100.0	103.8	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.807	0.000	98	389355	50.0	50.1	
82 Toluene	91	6.887	6.887	0.000	94	228739	20.0	19.3	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	97	85232	20.0	20.3	
84 Ethyl methacrylate	69	7.333	7.333	0.000	95	65202	20.0	20.0	
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	93	42870	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.470	7.470	0.000	93	58078	20.0	19.6	
87 1,3-Dichloropropane	76	7.630	7.630	0.000	98	87108	20.0	20.5	
88 2-Hexanone	43	7.722	7.722	0.000	100	182397	100.0	98.7	
89 Chlorodibromomethane	129	7.825	7.825	0.000	98	57817	20.0	20.6	
90 n-Butyl acetate	73	7.836	7.836	0.000	97	11696	20.0	19.2	
91 Ethylene Dibromide	107	7.927	7.928	-0.001	97	50265	20.0	20.2	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	352351	50.0	50.0	
93 Chlorobenzene	112	8.373	8.373	0.000	93	146626	20.0	19.3	
94 Ethylbenzene	106	8.453	8.453	0.000	99	74611	20.0	19.4	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	96	56096	20.0	19.5	
96 m-Xylene & p-Xylene	106	8.568	8.568	0.000	0	93626	20.0	19.8	
97 o-Xylene	106	8.910	8.911	-0.001	92	97099	20.0	20.1	
98 n-Butyl acrylate	73	8.933	8.933	0.000	95	27539	20.0	17.1	
99 Styrene	104	8.933	8.933	0.000	93	154897	20.0	19.0	
100 Bromoform	173	9.105	9.105	0.000	96	35091	20.0	19.5	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	88	70328	20.0	13.0	
102 Isopropylbenzene	105	9.208	9.208	0.000	96	243369	20.0	20.5	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	180450	50.0	55.8	
104 Bromobenzene	156	9.470	9.471	-0.001	98	70156	20.0	19.3	
105 1,1,2,2-Tetrachloroethane	83	9.528	9.528	0.000	97	29066	20.0	10.4	
106 N-Propylbenzene	91	9.528	9.528	0.000	98	284591	20.0	19.6	
107 1,2,3-Trichloropropane	110	9.550	9.551	-0.001	96	18350	20.0	21.2	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	81	28177	20.0	22.1	
109 2-Chlorotoluene	91	9.619	9.619	0.000	97	211095	20.0	19.4	
110 4-Ethyltoluene	105	9.630	9.631	-0.001	98	249307	20.0	19.2	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	93	211607	20.0	20.1	
112 4-Chlorotoluene	91	9.710	9.711	-0.001	98	209330	20.0	19.4	
113 Butyl Methacrylate	87	9.779	9.779	0.000	94	43480	20.0	10.2	
114 tert-Butylbenzene	91	9.916	9.916	0.000	93	107754	20.0	17.6	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	96	208064	20.0	19.2	
116 sec-Butylbenzene	105	10.076	10.076	0.000	99	225193	20.0	19.3	
117 1,3-Dichlorobenzene	146	10.191	10.191	0.000	96	129270	20.0	19.5	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	98	190558	20.0	19.3	
* 119 1,4-Dichlorobenzene-d4	152	10.248	10.236	0.012	95	206733	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	94	136244	20.0	19.1	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	98	230323	20.0	20.0	
122 Benzyl chloride	126	10.373	10.374	-0.001	99	27865	20.0	19.7	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	93	244323	20.0	19.2	
124 p-Diethylbenzene	105	10.465	10.465	0.000	92	107085	20.0	19.1	
125 n-Butylbenzene	92	10.488	10.488	0.000	97	102735	20.0	19.0	
126 1,2-Dichlorobenzene	146	10.533	10.534	-0.001	95	132443	20.0	19.8	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	186719	20.0	18.8	
128 1,2-Dibromo-3-Chloropropan	75	11.105	11.105	0.000	89	4913	20.0	9.79	
129 1,3,5-Trichlorobenzene	180	11.196	11.196	0.000	97	92013	20.0	19.3	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	94	90572	20.0	19.1	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	97	30153	20.0	17.1	
132 Naphthalene	128	11.814	11.814	0.000	99	233417	20.0	20.7	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	94	88194	20.0	20.0	
S 134 1,2-Dichloroethene, Total	100				0		40.0	36.7	
S 135 Xylenes, Total	100				0		40.0	39.9	

Reagents:

GASES Li_00268	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00082	Amount Added: 20.00	Units: uL	
ACROLEIN W_00078	Amount Added: 4.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75202.b\\B32045.D

Injection Date: 10-Jul-2018 12:43:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: LCSD

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

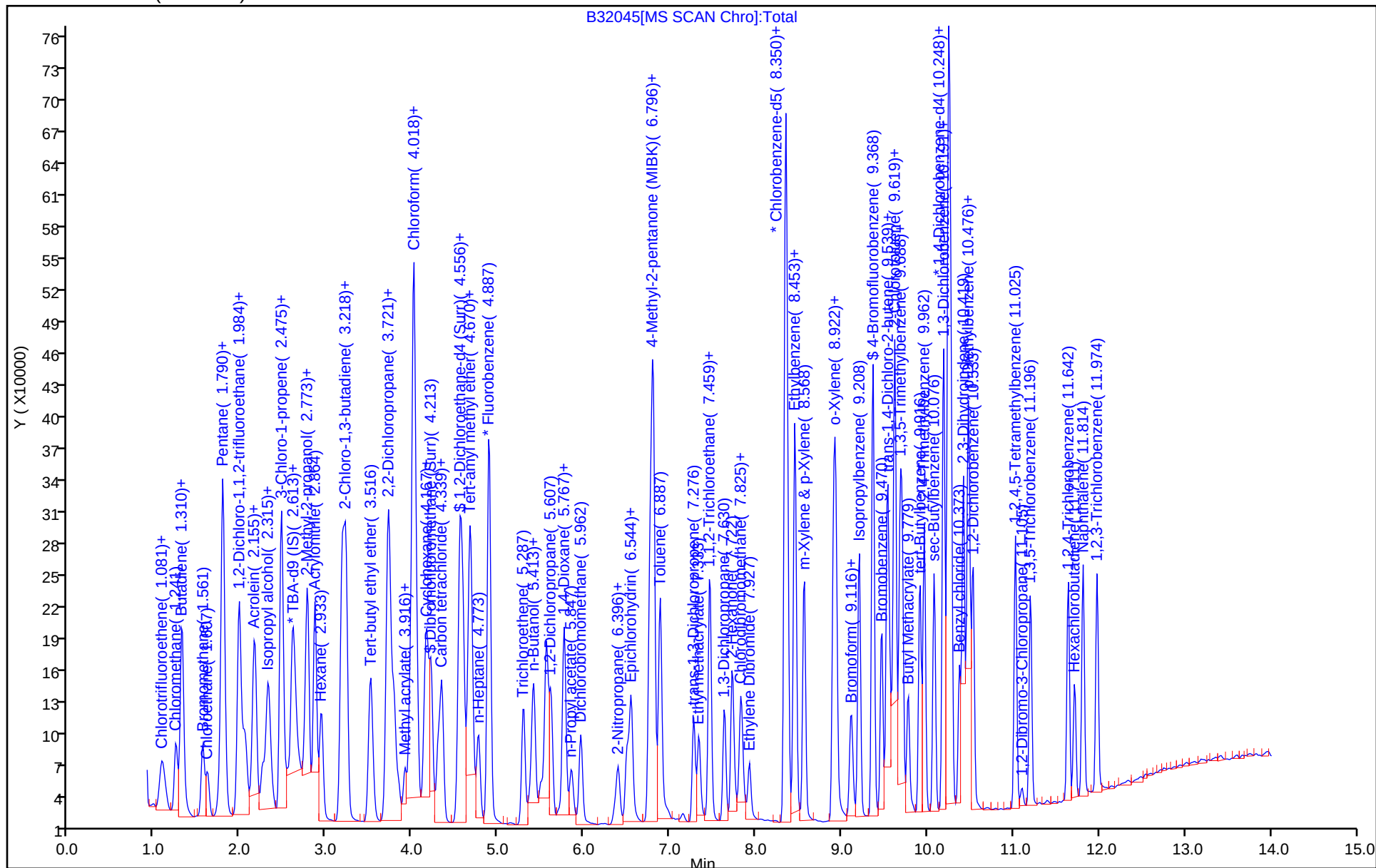
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-535140/4

Matrix: Water Lab File ID: B32070.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 23:25

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 535140 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.0		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.0		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.2		1.0	0.43
75-34-3	1,1-Dichloroethane	20.4		1.0	0.26
75-35-4	1,1-Dichloroethene	20.3		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	19.3		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	18.6		1.0	0.37
78-87-5	1,2-Dichloropropane	19.8		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.76
123-91-1	1,4-Dioxane	384		50	28
78-93-3	2-Butanone (MEK)	102		5.0	1.9
591-78-6	2-Hexanone	98.1		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	97.4		5.0	2.7
67-64-1	Acetone	96.3		5.0	5.0
71-43-2	Benzene	20.1		1.0	0.43
75-25-2	Bromoform	21.5		1.0	0.54
74-83-9	Bromomethane	19.2		1.0	1.0
75-15-0	Carbon disulfide	19.2		1.0	0.16
56-23-5	Carbon tetrachloride	20.6		1.0	0.21
108-90-7	Chlorobenzene	19.3		1.0	0.38
74-97-5	Chlorobromomethane	17.8		1.0	0.41
124-48-1	Chlorodibromomethane	20.6		1.0	0.28
75-00-3	Chloroethane	20.4		1.0	0.32
67-66-3	Chloroform	20.1		1.0	0.33
74-87-3	Chloromethane	17.8		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.46
110-82-7	Cyclohexane	20.4		1.0	0.32
75-27-4	Dichlorobromomethane	19.2		1.0	0.34
75-71-8	Dichlorodifluoromethane	20.7		1.0	0.12
100-41-4	Ethylbenzene	19.9		1.0	0.30
106-93-4	Ethylene Dibromide	21.0		1.0	0.50
98-82-8	Isopropylbenzene	19.2		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-535140/4
 Matrix: Water Lab File ID: B32070.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/10/2018 23:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 535140 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	44.0		5.0	0.31
1634-04-4	Methyl tert-butyl ether	21.2		1.0	0.47
108-87-2	Methylcyclohexane	19.9		1.0	0.26
75-09-2	Methylene Chloride	20.0		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.1		1.0	0.30
95-47-6	o-Xylene	19.2		1.0	0.36
100-42-5	Styrene	19.0		1.0	0.42
127-18-4	Tetrachloroethene	19.7		1.0	0.25
108-88-3	Toluene	19.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.0		1.0	0.49
79-01-6	Trichloroethene	20.1		1.0	0.31
75-69-4	Trichlorofluoromethane	20.7		1.0	0.14
75-01-4	Vinyl chloride	19.9		1.0	0.17
107-06-2	1,2-Dichloroethane	22.3		1.0	0.43
95-50-1	1,2-Dichlorobenzene	19.1		1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	14.7		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		74-132
460-00-4	4-Bromofluorobenzene	114		77-124
1868-53-7	Dibromofluoromethane (Surr)	94		72-131
2037-26-5	Toluene-d8 (Surr)	96		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\B32070.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 10-Jul-2018 23:25:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0075225-004
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180710-75225.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 11-Jul-2018 12:37:47 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK026

First Level Reviewer: delpolitov

Date: 11-Jul-2018 12:33:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.081	1.070	0.011	90	19844	20.0	24.1	
2 Dichlorodifluoromethane	85	1.104	1.104	0.000	98	103784	20.0	20.7	
3 Chloromethane	50	1.241	1.241	0.000	99	123159	20.0	17.8	
4 Butadiene	54	1.310	1.310	0.000	97	103244	20.0	20.5	
5 Vinyl chloride	62	1.321	1.321	0.000	98	120056	20.0	19.9	
6 Bromomethane	94	1.561	1.561	0.000	99	75405	20.0	19.2	
7 Chloroethane	64	1.618	1.618	0.000	99	65178	20.0	20.4	
9 Dichlorofluoromethane	67	1.790	1.790	0.000	97	163897	20.0	20.9	
8 Trichlorofluoromethane	101	1.790	1.790	0.000	93	109030	20.0	20.7	
10 Pentane	72	1.801	1.790	0.011	96	21671	40.0	43.0	
12 Ethyl ether	59	1.973	1.973	0.000	88	62806	20.0	20.8	
11 Ethanol	46	1.973	1.973	0.000	85	17039	800.0	747.6	
13 2-Methyl-1,3-butadiene	53	1.984	1.984	0.000	95	71327	20.0	21.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.053	2.053	0.000	96	59521	20.0	20.3	
15 Acrolein	56	2.144	2.133	0.011	95	27101	40.0	46.0	
17 1,1,2-Trichloro-1,2,2-trif	101	2.156	2.156	0.000	97	65638	20.0	21.0	
16 1,1-Dichloroethene	96	2.167	2.167	0.000	97	64223	20.0	20.3	
18 Acetone	43	2.258	2.258	0.000	84	112727	100.0	96.3	
19 Iodomethane	142	2.304	2.304	0.000	97	122245	20.0	19.6	
20 Carbon disulfide	76	2.327	2.327	0.000	100	255351	20.0	19.2	
21 Isopropyl alcohol	45	2.373	2.373	0.000	99	49691	200.0	198.3	
22 3-Chloro-1-propene	76	2.476	2.476	0.000	88	45120	20.0	19.3	
23 Cyclopentene	67	2.487	2.476	0.011	92	173864	20.0	21.0	
24 Methyl acetate	43	2.498	2.498	0.000	99	118354	40.0	44.0	
25 Acetonitrile	41	2.556	2.544	0.012	98	129338	200.0	212.3	
26 Methylene Chloride	84	2.601	2.601	0.000	98	80455	20.0	20.0	
* 27 TBA-d9 (IS)	65	2.636	2.636	0.000	0	296837	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.704	2.704	0.000	91	75729	200.0	184.1	
29 Methyl tert-butyl ether	73	2.773	2.773	0.000	98	205746	20.0	21.2	
30 trans-1,2-Dichloroethene	96	2.784	2.784	0.000	99	73074	20.0	18.6	
31 Acrylonitrile	53	2.864	2.864	0.000	94	293583	200.0	206.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.944	2.944	0.000	93	60271	20.0	20.4	
33 Isopropyl ether	45	3.184	3.184	0.000	94	291040	20.0	21.0	
34 1,1-Dichloroethane	63	3.184	3.184	0.000	98	141764	20.0	20.4	
35 Vinyl acetate	86	3.230	3.230	0.000	100	23867	40.0	37.4	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	93	60067	20.0	20.0	
37 Tert-butyl ethyl ether	59	3.516	3.516	0.000	87	237479	20.0	20.4	
38 2,2-Dichloropropane	41	3.710	3.710	0.000	95	78652	20.0	22.2	
* 39 2-Butanone-d5	46	3.721	3.710	0.011	0	372371	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	93	76077	20.0	19.7	
41 2-Butanone (MEK)	72	3.779	3.779	0.000	96	36194	100.0	101.6	
42 Ethyl acetate	70	3.801	3.801	0.000	95	13305	40.0	35.2	
43 Methyl acrylate	85	3.847	3.847	0.000	98	8815	20.0	23.6	
44 Propionitrile	54	3.916	3.916	0.000	96	102945	200.0	216.8	
45 Tetrahydrofuran	72	3.973	3.973	0.000	67	16500	40.0	40.8	
46 Chlorobromomethane	128	3.984	3.973	0.011	93	36481	20.0	17.8	
47 Methacrylonitrile	67	4.019	4.019	0.000	96	270722	200.0	226.3	
48 Chloroform	83	4.053	4.053	0.000	97	120154	20.0	20.1	
49 Cyclohexane	84	4.156	4.156	0.000	97	85472	20.0	20.4	
50 1,1,1-Trichloroethane	97	4.179	4.179	0.000	97	100246	20.0	20.9	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.224	0.000	97	105444	50.0	46.8	
52 Carbon tetrachloride	117	4.304	4.304	0.000	97	82011	20.0	20.6	
53 1,1-Dichloropropene	75	4.350	4.350	0.000	93	89404	20.0	19.8	
54 Isooctane	57	4.544	4.544	0.000	91	143029	20.0	21.0	
55 Benzene	78	4.556	4.556	0.000	98	264583	20.0	20.1	
56 Isobutyl alcohol	74	4.567	4.556	0.011	81	16967	500.0	422.6	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	86	119616	50.0	46.8	
59 Tert-amyl methyl ether	73	4.670	4.670	0.000	91	224565	20.0	20.4	
60 1,2-Dichloroethane	62	4.682	4.682	0.000	96	97391	20.0	22.3	
61 Isopropyl acetate	61	4.693	4.693	0.000	98	37317	20.0	21.5	
62 n-Heptane	57	4.773	4.773	0.000	84	29310	20.0	17.6	
* 63 Fluorobenzene	96	4.899	4.899	0.000	97	528484	50.0	50.0	
64 Trichloroethene	95	5.299	5.287	0.012	96	63791	20.0	20.1	
65 n-Butanol	43	5.367	5.367	0.000	89	25880	500.0	462.3	
66 Methylcyclohexane	83	5.413	5.413	0.000	92	82009	20.0	19.9	
67 Ethyl acrylate	55	5.493	5.493	0.000	96	82090	20.0	21.5	
69 1,2-Dichloropropane	63	5.619	5.619	0.000	91	72719	20.0	19.8	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	96	22128	1000.0	1000.0	
72 Dibromomethane	93	5.767	5.767	0.000	96	41693	20.0	19.9	
71 Methyl methacrylate	100	5.779	5.767	0.012	94	25666	40.0	40.9	
73 1,4-Dioxane	88	5.779	5.779	0.000	31	11019	400.0	384.5	
74 n-Propyl acetate	43	5.859	5.859	0.000	98	101492	20.0	21.9	
75 Dichlorobromomethane	83	5.962	5.962	0.000	98	86044	20.0	19.2	
76 2-Nitropropane	41	6.362	6.362	0.000	98	29635	40.0	36.2	
77 2-Chloroethyl vinyl ether	63	6.396	6.396	0.000	97	41207	20.0	21.3	
78 Epichlorohydrin	57	6.499	6.499	0.000	100	126154	400.0	325.3	
79 cis-1,3-Dichloropropene	75	6.556	6.545	0.011	99	104417	20.0	20.2	
80 4-Methyl-2-pentanone (MIBK	43	6.773	6.773	0.000	98	368255	100.0	97.4	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.807	0.000	98	398290	50.0	48.0	
82 Toluene	91	6.887	6.887	0.000	93	246957	20.0	19.5	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	97	89528	20.0	20.0	
84 Ethyl methacrylate	69	7.333	7.333	0.000	94	71889	20.0	20.6	
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	96	50030	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.470	7.470	0.000	94	62348	20.0	19.7	
87 1,3-Dichloropropane	76	7.630	7.630	0.000	97	91250	20.0	20.1	
88 2-Hexanone	43	7.722	7.722	0.000	99	215676	100.0	98.1	
89 Chlorodibromomethane	129	7.825	7.825	0.000	98	61706	20.0	20.6	
90 n-Butyl acetate	73	7.836	7.836	0.000	98	12997	20.0	19.9	
91 Ethylene Dibromide	107	7.928	7.928	0.000	100	55681	20.0	21.0	
* 92 Chlorobenzene-d5	117	8.350	8.339	0.011	89	376206	50.0	50.0	
93 Chlorobenzene	112	8.373	8.373	0.000	93	156526	20.0	19.3	
94 Ethylbenzene	106	8.453	8.453	0.000	99	81823	20.0	19.9	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	94	58636	20.0	19.0	
96 m-Xylene & p-Xylene	106	8.568	8.568	0.000	0	101640	20.0	20.1	
97 o-Xylene	106	8.910	8.911	-0.001	93	99020	20.0	19.2	
98 n-Butyl acrylate	73	8.933	8.933	0.000	95	37054	20.0	21.6	
99 Styrene	104	8.933	8.933	0.000	92	165368	20.0	19.0	
100 Bromoform	173	9.105	9.105	0.000	97	41402	20.0	21.5	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	88	102997	20.0	17.5	
102 Isopropylbenzene	105	9.208	9.208	0.000	97	243910	20.0	19.2	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	92	196193	50.0	56.8	
104 Bromobenzene	156	9.471	9.471	0.000	98	73105	20.0	18.6	
105 1,1,2,2-Tetrachloroethane	83	9.528	9.528	0.000	98	48123	20.0	16.0	
106 N-Propylbenzene	91	9.539	9.539	0.000	98	305883	20.0	19.5	
107 1,2,3-Trichloropropane	110	9.562	9.551	0.011	97	18547	20.0	19.8	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	81	30238	20.0	21.9	
109 2-Chlorotoluene	91	9.619	9.619	0.000	97	228132	20.0	19.4	
110 4-Ethyltoluene	105	9.631	9.631	0.000	98	258741	20.0	18.4	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	93	226102	20.0	19.8	
112 4-Chlorotoluene	91	9.711	9.711	0.000	98	231334	20.0	19.8	
113 Butyl Methacrylate	87	9.779	9.779	0.000	96	55355	20.0	12.0	
114 tert-Butylbenzene	91	9.916	9.916	0.000	92	118569	20.0	17.9	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	94	222196	20.0	19.0	
116 sec-Butylbenzene	105	10.076	10.076	0.000	99	237871	20.0	18.8	
117 1,3-Dichlorobenzene	146	10.191	10.191	0.000	95	137328	20.0	19.2	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	97	201669	20.0	18.9	
* 119 1,4-Dichlorobenzene-d4	152	10.248	10.248	0.000	95	223546	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	93	147509	20.0	19.2	
121 1,2,3-Trimethylbenzene	105	10.282	10.271	0.011	98	240468	20.0	19.3	
122 Benzyl chloride	126	10.373	10.374	-0.001	99	32955	20.0	21.5	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	93	256986	20.0	18.6	
124 p-Diethylbenzene	105	10.465	10.465	0.000	92	118404	20.0	19.6	
125 n-Butylbenzene	92	10.488	10.488	0.000	96	108770	20.0	18.6	
126 1,2-Dichlorobenzene	146	10.534	10.534	0.000	96	138224	20.0	19.1	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	201763	20.0	18.8	
128 1,2-Dibromo-3-Chloropropan	75	11.105	11.105	0.000	90	7971	20.0	14.7	
129 1,3,5-Trichlorobenzene	180	11.196	11.196	0.000	97	95895	20.0	18.6	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	94	95312	20.0	18.6	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	96	31611	20.0	16.6	
132 Naphthalene	128	11.814	11.814	0.000	99	248668	20.0	20.4	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	95	91891	20.0	19.3	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.3	
S 135 Xylenes, Total	100				0		40.0	39.3	

Reagents:

GASES Li_00268	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00082	Amount Added: 20.00	Units: uL	
ACROLEIN W_00078	Amount Added: 4.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180710-75225.b\\B32070.D

Injection Date: 10-Jul-2018 23:25:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: LCSD

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

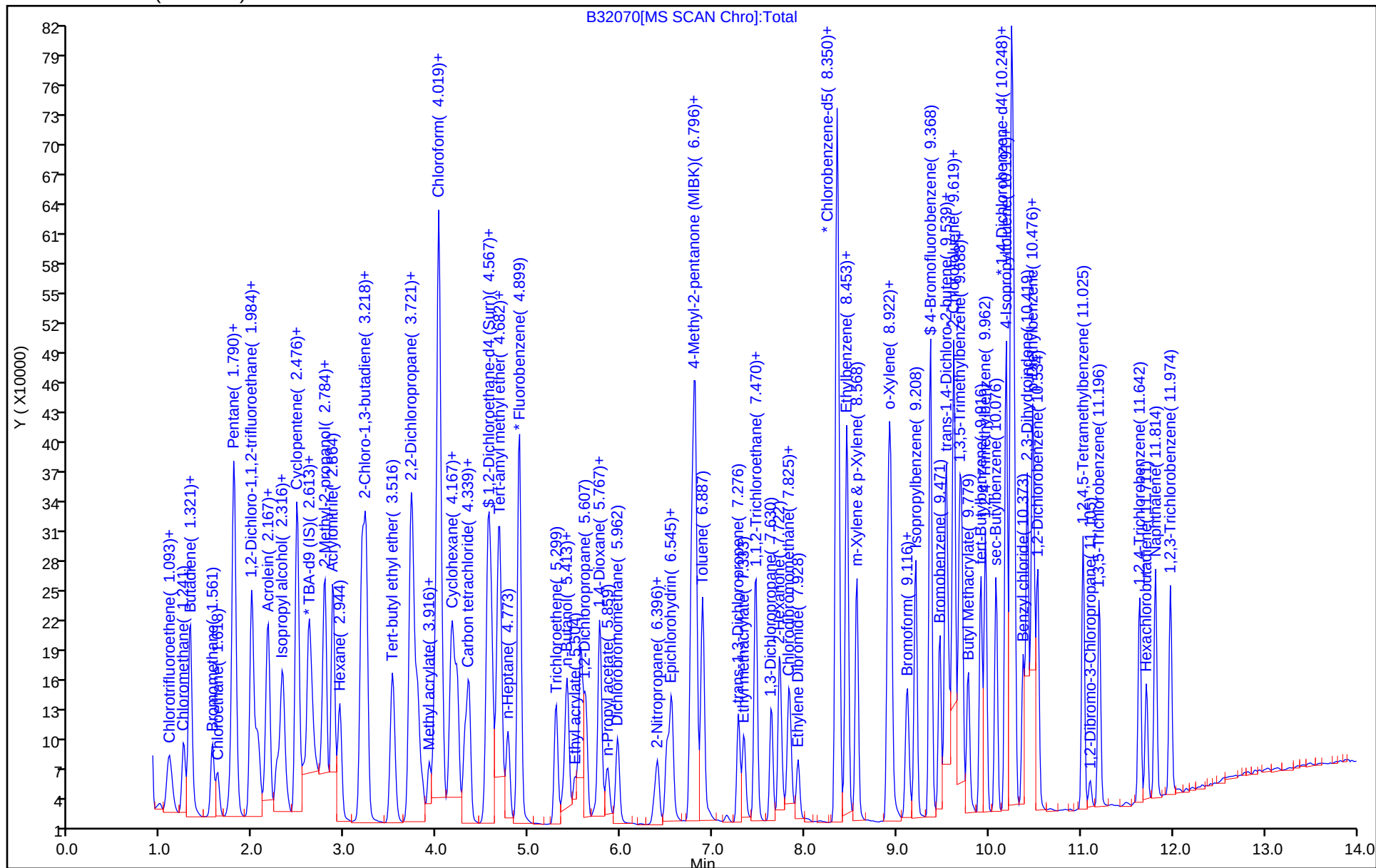
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-8A 06272018 MS</u>	Lab Sample ID: <u>460-159568-7 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32040.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/27/2018 09:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 10:39</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>534820</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	6.74		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.7		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.43
75-34-3	1,1-Dichloroethane	20.4		1.0	0.26
75-35-4	1,1-Dichloroethene	19.5		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	17.7		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	17.6		1.0	0.37
78-87-5	1,2-Dichloropropane	20.4		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	17.8		1.0	0.76
123-91-1	1,4-Dioxane	388		50	28
78-93-3	2-Butanone (MEK)	98.2		5.0	1.9
591-78-6	2-Hexanone	94.6		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	98.6		5.0	2.7
67-64-1	Acetone	96.4		5.0	5.0
71-43-2	Benzene	19.7		1.0	0.43
75-25-2	Bromoform	18.2		1.0	0.54
74-83-9	Bromomethane	21.2		1.0	1.0
75-15-0	Carbon disulfide	18.2		1.0	0.16
56-23-5	Carbon tetrachloride	19.9		1.0	0.21
108-90-7	Chlorobenzene	19.1		1.0	0.38
74-97-5	Chlorobromomethane	17.9		1.0	0.41
124-48-1	Chlorodibromomethane	19.8		1.0	0.28
75-00-3	Chloroethane	20.9		1.0	0.32
67-66-3	Chloroform	20.8		1.0	0.33
74-87-3	Chloromethane	21.1		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	20.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.46
110-82-7	Cyclohexane	18.5		1.0	0.32
75-27-4	Dichlorobromomethane	19.6		1.0	0.34
75-71-8	Dichlorodifluoromethane	21.7		1.0	0.12
100-41-4	Ethylbenzene	19.4		1.0	0.30
106-93-4	Ethylene Dibromide	19.8		1.0	0.50
98-82-8	Isopropylbenzene	18.8		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-8A 06272018 MS</u>	Lab Sample ID: <u>460-159568-7 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32040.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/27/2018 09:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 10:39</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>534820</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	39.2		5.0	0.31
1634-04-4	Methyl tert-butyl ether	19.6		1.0	0.47
108-87-2	Methylcyclohexane	18.0		1.0	0.26
75-09-2	Methylene Chloride	19.8		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	18.6		1.0	0.30
95-47-6	o-Xylene	18.8		1.0	0.36
100-42-5	Styrene	18.7		1.0	0.42
127-18-4	Tetrachloroethene	33.0		1.0	0.25
108-88-3	Toluene	19.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.2		1.0	0.49
79-01-6	Trichloroethene	19.2		1.0	0.31
75-69-4	Trichlorofluoromethane	21.3		1.0	0.14
75-01-4	Vinyl chloride	20.9		1.0	0.17
107-06-2	1,2-Dichloroethane	21.8		1.0	0.43
95-50-1	1,2-Dichlorobenzene	18.7		1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	6.08		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		74-132
460-00-4	4-Bromofluorobenzene	114		77-124
1868-53-7	Dibromofluoromethane (Surr)	107		72-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32040.D
 Lims ID: 460-159568-A-7 MS
 Client ID: FSMW-8A 06272018
 Sample Type: MS
 Inject. Date: 10-Jul-2018 10:39:30 ALS Bottle#: 27 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-159568-A-7 MS
 Misc. Info.: 460-0075161-028
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:27:35 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:26:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.081	1.081	0.000	89	15524	20.0	20.8	
2 Dichlorodifluoromethane	85	1.104	1.093	0.011	98	98550	20.0	21.7	
3 Chloromethane	50	1.253	1.241	0.011	99	132118	20.0	21.1	
4 Butadiene	54	1.321	1.310	0.011	98	98606	20.0	21.6	
5 Vinyl chloride	62	1.333	1.321	0.012	99	113701	20.0	20.9	
6 Bromomethane	94	1.561	1.550	0.011	98	75532	20.0	21.2	
7 Chloroethane	64	1.618	1.607	0.011	99	60532	20.0	20.9	
9 Dichlorofluoromethane	67	1.790	1.778	0.012	98	154993	20.0	21.8	
8 Trichlorofluoromethane	101	1.790	1.778	0.012	96	101453	20.0	21.3	
10 Pentane	72	1.801	1.790	0.011	96	17179	40.0	37.5	
12 Ethyl ether	59	1.973	1.973	0.000	93	54933	20.0	20.0	
11 Ethanol	46	1.984	1.973	0.011	82	16111	800.0	778.7	
13 2-Methyl-1,3-butadiene	53	1.995	1.984	0.011	97	61185	20.0	20.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.053	2.041	0.012	96	52331	20.0	19.7	
15 Acrolein	56	2.144	2.133	0.011	93	15785	40.0	28.8	
17 1,1,2-Trichloro-1,2,2-trif	101	2.155	2.156	-0.001	98	55817	20.0	19.7	
16 1,1-Dichloroethene	96	2.167	2.156	0.011	95	56047	20.0	19.5	
18 Acetone	43	2.258	2.247	0.011	86	94478	100.0	96.4	
19 Iodomethane	142	2.304	2.293	0.011	98	111226	20.0	19.7	
20 Carbon disulfide	76	2.327	2.316	0.011	100	218874	20.0	18.2	
21 Isopropyl alcohol	45	2.373	2.373	0.000	99	55025	200.0	241.9	
22 3-Chloro-1-propene	76	2.475	2.464	0.011	94	40149	20.0	18.9	
23 Cyclopentene	67	2.487	2.476	0.011	94	144156	20.0	19.3	
24 Methyl acetate	43	2.498	2.487	0.011	98	95466	40.0	39.2	
25 Acetonitrile	41	2.556	2.544	0.012	94	97905	200.0	176.9	
26 Methylene Chloride	84	2.601	2.590	0.011	98	72135	20.0	19.8	
* 27 TBA-d9 (IS)	65	2.636	2.624	0.012	0	269467	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.704	2.693	0.011	97	69715	200.0	186.7	
29 Methyl tert-butyl ether	73	2.773	2.761	0.012	98	172352	20.0	19.6	
30 trans-1,2-Dichloroethene	96	2.784	2.773	0.011	98	62778	20.0	17.6	
31 Acrylonitrile	53	2.864	2.864	0.000	94	238289	200.0	184.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.944	2.933	0.011	94	43656	20.0	16.3	
33 Isopropyl ether	45	3.184	3.173	0.011	93	252161	20.0	20.1	
34 1,1-Dichloroethane	63	3.184	3.184	0.000	99	128691	20.0	20.4	
35 Vinyl acetate	86	3.230	3.219	0.011	100	19242	40.0	33.3	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	92	53168	20.0	19.5	
37 Tert-butyl ethyl ether	59	3.516	3.504	0.012	88	205388	20.0	19.5	
38 2,2-Dichloropropane	41	3.710	3.699	0.011	94	65305	20.0	20.2	
* 39 2-Butanone-d5	46	3.721	3.710	0.011	0	311752	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.744	3.733	0.011	93	70703	20.0	20.2	
41 2-Butanone (MEK)	72	3.778	3.767	0.011	98	29304	100.0	98.2	
42 Ethyl acetate	70	3.801	3.790	0.011	95	10757	40.0	34.0	
43 Methyl acrylate	85	3.836	3.836	0.000	98	6996	20.0	20.7	
44 Propionitrile	54	3.916	3.904	0.012	96	84631	200.0	196.4	
45 Tetrahydrofuran	72	3.973	3.973	0.000	65	12775	40.0	37.7	
46 Chlorobromomethane	128	3.973	3.973	0.000	96	33246	20.0	17.9	
47 Methacrylonitrile	67	4.019	4.007	0.012	97	225314	200.0	207.9	
48 Chloroform	83	4.053	4.053	0.000	97	112612	20.0	20.8	
49 Cyclohexane	84	4.156	4.144	0.012	97	70491	20.0	18.5	
50 1,1,1-Trichloroethane	97	4.179	4.179	0.000	97	88584	20.0	20.3	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.213	0.011	96	108926	50.0	53.4	
52 Carbon tetrachloride	117	4.304	4.304	0.000	97	71806	20.0	19.9	
53 1,1-Dichloropropene	75	4.350	4.339	0.011	93	78214	20.0	19.1	
54 Isooctane	57	4.544	4.544	0.000	92	113768	20.0	18.4	
55 Benzene	78	4.556	4.556	0.000	97	237425	20.0	19.7	
56 Isobutyl alcohol	74	4.567	4.556	0.011	70	15565	500.0	427.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	83	125550	50.0	54.3	
59 Tert-amyl methyl ether	73	4.670	4.659	0.011	90	199054	20.0	20.0	
60 1,2-Dichloroethane	62	4.681	4.670	0.011	96	86485	20.0	21.8	
61 Isopropyl acetate	61	4.693	4.693	0.000	98	32042	20.0	20.4	
62 n-Heptane	57	4.773	4.762	0.011	87	22174	20.0	14.7	
* 63 Fluorobenzene	96	4.899	4.887	0.012	97	478682	50.0	50.0	
64 Trichloroethene	95	5.299	5.287	0.012	96	55247	20.0	19.2	
65 n-Butanol	43	5.367	5.379	-0.012	89	22078	500.0	434.4	
66 Methylcyclohexane	83	5.413	5.402	0.011	92	67038	20.0	18.0	
67 Ethyl acrylate	55	5.493	5.493	0.000	97	68722	20.0	19.9	
69 1,2-Dichloropropane	63	5.619	5.607	0.012	93	67662	20.0	20.4	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	96	19436	1000.0	1000.0	
72 Dibromomethane	93	5.767	5.756	0.011	95	39419	20.0	20.8	
71 Methyl methacrylate	100	5.767	5.767	0.000	97	21573	40.0	38.0	
73 1,4-Dioxane	88	5.779	5.767	0.012	31	9749	400.0	387.5	
74 n-Propyl acetate	43	5.859	5.847	0.012	99	80124	20.0	19.0	
75 Dichlorobromomethane	83	5.962	5.962	0.000	98	79580	20.0	19.6	
76 2-Nitropropane	41	6.362	6.362	0.000	99	16941	40.0	22.8	
78 Epichlorohydrin	57	6.499	6.499	0.000	99	60780	400.0	186.8	a
79 cis-1,3-Dichloropropene	75	6.544	6.545	-0.001	98	89585	20.0	18.9	
80 4-Methyl-2-pentanone (MIBK	43	6.773	6.762	0.011	98	312088	100.0	98.6	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.796	0.011	99	395803	50.0	52.2	
82 Toluene	91	6.887	6.887	0.000	92	222595	20.0	19.2	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	97	78717	20.0	19.2	
84 Ethyl methacrylate	69	7.333	7.333	0.000	95	60895	20.0	19.1	
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	96	42830	20.0	19.8	
85 Tetrachloroethene	166	7.470	7.459	0.011	95	95349	20.0	33.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,3-Dichloropropane	76	7.630	7.630	0.000	98	82341	20.0	19.9	
88 2-Hexanone	43	7.722	7.722	0.000	98	174044	100.0	94.6	
89 Chlorodibromomethane	129	7.825	7.813	0.012	98	54246	20.0	19.8	
90 n-Butyl acetate	73	7.836	7.836	0.000	98	8779	20.0	14.7	
91 Ethylene Dibromide	107	7.927	7.928	-0.001	99	48119	20.0	19.8	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	89	343819	50.0	50.0	
93 Chlorobenzene	112	8.373	8.362	0.011	92	141250	20.0	19.1	
94 Ethylbenzene	106	8.453	8.453	0.000	99	73014	20.0	19.4	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	94	56164	20.0	20.0	
96 m-Xylene & p-Xylene	106	8.568	8.556	0.012	0	85846	20.0	18.6	
97 o-Xylene	106	8.910	8.899	0.011	93	88319	20.0	18.8	
98 n-Butyl acrylate	73	8.933	8.922	0.011	59	20207	20.0	12.9	
99 Styrene	104	8.933	8.933	0.000	91	148422	20.0	18.7	
100 Bromoform	173	9.105	9.093	0.012	97	32101	20.0	18.2	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	88	50955	20.0	9.49	
102 Isopropylbenzene	105	9.208	9.196	0.012	97	218017	20.0	18.8	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	179125	50.0	56.8	
104 Bromobenzene	156	9.470	9.459	0.011	97	66305	20.0	18.3	
105 1,1,2,2-Tetrachloroethane	83	9.528	9.516	0.012	96	18751	20.0	6.74	
106 N-Propylbenzene	91	9.528	9.528	0.000	99	258209	20.0	17.8	
107 1,2,3-Trichloropropane	110	9.550	9.551	-0.001	97	16045	20.0	18.6	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	79	24716	20.0	19.5	
109 2-Chlorotoluene	91	9.608	9.608	0.000	97	199098	20.0	18.4	
110 4-Ethyltoluene	105	9.630	9.619	0.011	98	225363	20.0	17.4	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	93	195653	20.0	18.6	
112 4-Chlorotoluene	91	9.710	9.699	0.011	99	194244	20.0	18.1	
113 Butyl Methacrylate	87	9.779	9.768	0.011	97	32175	20.0	7.56	
114 tert-Butylbenzene	91	9.916	9.905	0.011	93	99549	20.0	16.3	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	99	195737	20.0	18.2	
116 sec-Butylbenzene	105	10.076	10.076	0.000	98	198425	20.0	17.1	
117 1,3-Dichlorobenzene	146	10.191	10.179	0.012	94	119580	20.0	18.1	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	98	177077	20.0	18.0	
* 119 1,4-Dichlorobenzene-d4	152	10.248	10.236	0.012	95	205892	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	92	126083	20.0	17.8	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	99	214664	20.0	18.7	
122 Benzyl chloride	126	10.373	10.374	-0.001	99	22357	20.0	15.8	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	93	238525	20.0	18.8	
124 p-Diethylbenzene	105	10.465	10.465	0.000	92	100033	20.0	18.0	
125 n-Butylbenzene	92	10.488	10.488	0.000	96	93078	20.0	17.3	
126 1,2-Dichlorobenzene	146	10.533	10.534	-0.001	96	124162	20.0	18.7	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	171102	20.0	17.3	
128 1,2-Dibromo-3-Chloropropan	75	11.105	11.094	0.011	89	3043	20.0	6.08	
129 1,3,5-Trichlorobenzene	180	11.196	11.196	0.000	97	83714	20.0	17.6	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	92	83024	20.0	17.6	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	93	24410	20.0	13.9	
132 Naphthalene	128	11.814	11.814	0.000	99	207679	20.0	18.5	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	95	77598	20.0	17.7	
S 134 1,2-Dichloroethene, Total	100				0		40.0	37.9	
S 135 Xylenes, Total	100				0		40.0	37.3	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00268	Amount Added: 20.00	Units: uL	
ACROLEIN W_00078	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00082	Amount Added: 20.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32040.D

Injection Date: 10-Jul-2018 10:39:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-A-7 MS

Worklist Smp#: 28

Client ID: FSMW-8A 06272018

Purge Vol: 5.000 mL

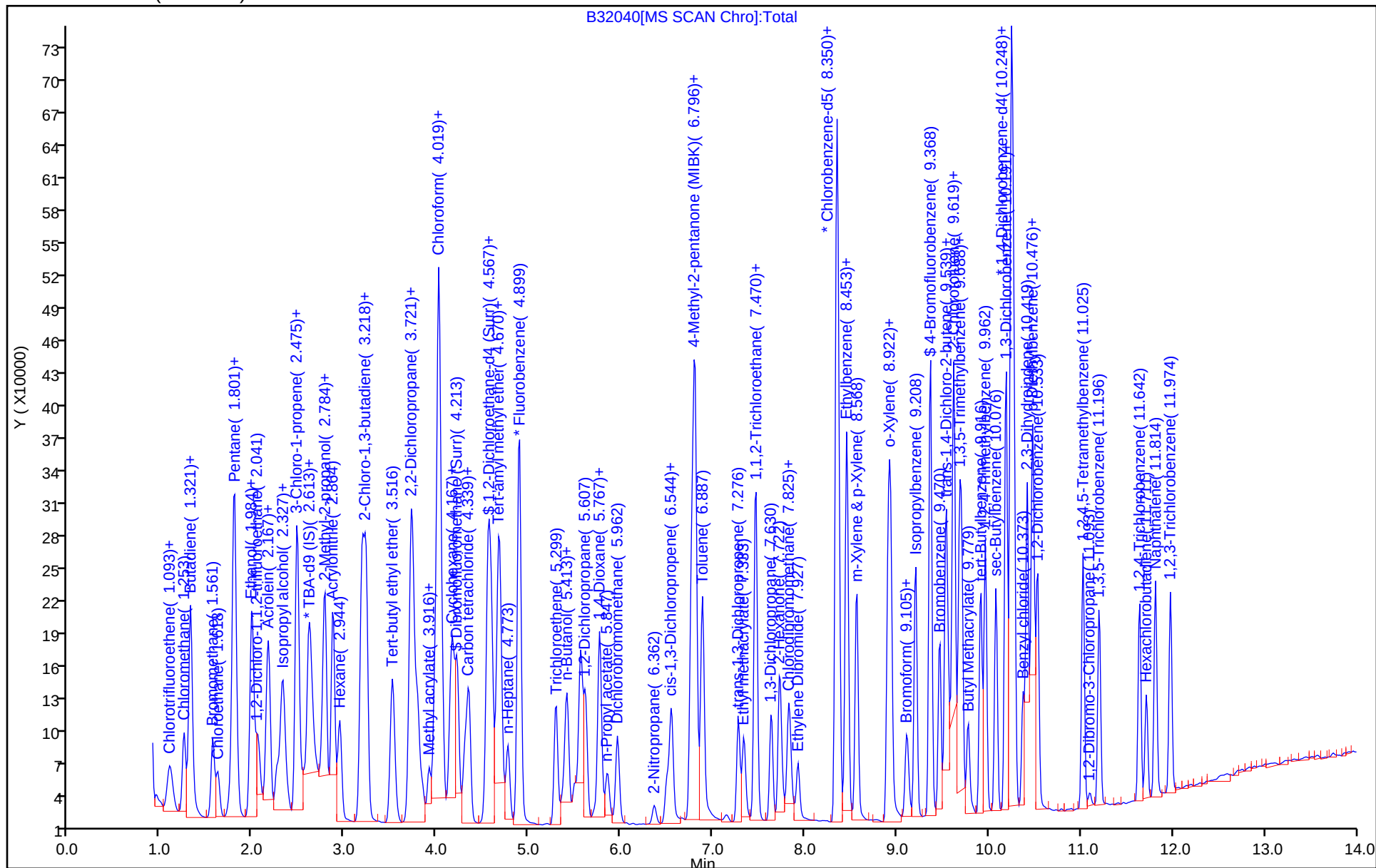
Dil. Factor: 1.0000

ALS Bottle#: 27

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-8A 06272018 MSD</u>	Lab Sample ID: <u>460-159568-7 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32041.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/27/2018 09:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 11:03</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>534820</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	7.64		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	24.1		1.0	0.43
75-34-3	1,1-Dichloroethane	22.7		1.0	0.26
75-35-4	1,1-Dichloroethene	21.2		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	22.2		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.5		1.0	0.37
78-87-5	1,2-Dichloropropane	22.3		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.4		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.6		1.0	0.76
123-91-1	1,4-Dioxane	432		50	28
78-93-3	2-Butanone (MEK)	104		5.0	1.9
591-78-6	2-Hexanone	106		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	110		5.0	2.7
67-64-1	Acetone	112		5.0	5.0
71-43-2	Benzene	21.7		1.0	0.43
75-25-2	Bromoform	20.0		1.0	0.54
74-83-9	Bromomethane	23.8		1.0	1.0
75-15-0	Carbon disulfide	19.9		1.0	0.16
56-23-5	Carbon tetrachloride	22.5		1.0	0.21
108-90-7	Chlorobenzene	21.6		1.0	0.38
74-97-5	Chlorobromomethane	18.9		1.0	0.41
124-48-1	Chlorodibromomethane	22.2		1.0	0.28
75-00-3	Chloroethane	23.7		1.0	0.32
67-66-3	Chloroform	22.4		1.0	0.33
74-87-3	Chloromethane	23.7		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	21.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.1		1.0	0.46
110-82-7	Cyclohexane	20.3		1.0	0.32
75-27-4	Dichlorobromomethane	21.6		1.0	0.34
75-71-8	Dichlorodifluoromethane	24.5		1.0	0.12
100-41-4	Ethylbenzene	21.4		1.0	0.30
106-93-4	Ethylene Dibromide	21.9		1.0	0.50
98-82-8	Isopropylbenzene	20.9		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-159568-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-8A 06272018 MSD</u>	Lab Sample ID: <u>460-159568-7 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>B32041.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/27/2018 09:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/10/2018 11:03</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>534820</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	44.9		5.0	0.31
1634-04-4	Methyl tert-butyl ether	22.9		1.0	0.47
108-87-2	Methylcyclohexane	20.0		1.0	0.26
75-09-2	Methylene Chloride	22.2		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	21.1		1.0	0.30
95-47-6	o-Xylene	20.3		1.0	0.36
100-42-5	Styrene	21.0		1.0	0.42
127-18-4	Tetrachloroethene	36.6		1.0	0.25
108-88-3	Toluene	21.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.5		1.0	0.49
79-01-6	Trichloroethene	21.7		1.0	0.31
75-69-4	Trichlorofluoromethane	23.6		1.0	0.14
75-01-4	Vinyl chloride	23.8		1.0	0.17
107-06-2	1,2-Dichloroethane	23.3		1.0	0.43
95-50-1	1,2-Dichlorobenzene	21.6		1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	7.44		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		74-132
460-00-4	4-Bromofluorobenzene	132	X	77-124
1868-53-7	Dibromofluoromethane (Surr)	117		72-131
2037-26-5	Toluene-d8 (Surr)	118		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\B32041.D
 Lims ID: 460-159568-A-7 MSD
 Client ID: FSMW-8A 06272018
 Sample Type: MSD
 Inject. Date: 10-Jul-2018 11:03:30 ALS Bottle#: 28 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-159568-A-7 MSD
 Misc. Info.: 460-0075161-029
 Operator ID: Instrument ID: CVOAMS2
 Method: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75161.b\8260W_2.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Jul-2018 17:27:35 Calib Date: 09-Jul-2018 21:16:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20180709-75127.b\b32011.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 10-Jul-2018 17:27:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.081	1.081	0.000	89	14593	20.0	22.2	
2 Dichlorodifluoromethane	85	1.104	1.093	0.011	98	98386	20.0	24.5	
3 Chloromethane	50	1.253	1.241	0.012	98	130962	20.0	23.7	
4 Butadiene	54	1.321	1.310	0.011	97	95417	20.0	23.7	
5 Vinyl chloride	62	1.333	1.321	0.012	97	114601	20.0	23.8	
6 Bromomethane	94	1.561	1.550	0.011	98	74917	20.0	23.8	
7 Chloroethane	64	1.618	1.607	0.011	100	60566	20.0	23.7	
9 Dichlorofluoromethane	67	1.790	1.778	0.012	98	151852	20.0	24.2	
8 Trichlorofluoromethane	101	1.790	1.778	0.012	97	99412	20.0	23.6	
10 Pentane	72	1.801	1.790	0.011	96	16402	40.0	39.2	
12 Ethyl ether	59	1.973	1.973	0.000	89	54854	20.0	22.7	
11 Ethanol	46	1.984	1.973	0.011	83	16631	800.0	878.8	
13 2-Methyl-1,3-butadiene	53	1.996	1.984	0.012	98	55948	20.0	21.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.053	2.041	0.012	96	51140	20.0	21.8	
15 Acrolein	56	2.144	2.133	0.011	94	16004	40.0	32.1	
17 1,1,2-Trichloro-1,2,2-trif	101	2.167	2.156	0.011	97	52490	20.0	20.9	
16 1,1-Dichloroethene	96	2.167	2.156	0.011	94	53615	20.0	21.2	
18 Acetone	43	2.258	2.247	0.011	84	100560	100.0	112.3	
19 Iodomethane	142	2.304	2.293	0.011	98	106318	20.0	21.3	
20 Carbon disulfide	76	2.327	2.316	0.011	100	211046	20.0	19.9	
21 Isopropyl alcohol	45	2.373	2.373	0.000	98	56116	200.0	269.7	
22 3-Chloro-1-propene	76	2.476	2.464	0.012	88	38615	20.0	20.6	
23 Cyclopentene	67	2.487	2.476	0.011	92	138273	20.0	20.9	
24 Methyl acetate	43	2.498	2.487	0.011	99	96715	40.0	44.9	
25 Acetonitrile	41	2.556	2.544	0.012	98	111518	200.0	229.1	
26 Methylene Chloride	84	2.601	2.590	0.011	97	71374	20.0	22.2	
* 27 TBA-d9 (IS)	65	2.636	2.624	0.012	0	246472	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.704	2.693	0.011	98	68259	200.0	199.9	
29 Methyl tert-butyl ether	73	2.773	2.761	0.012	98	177564	20.0	22.9	
30 trans-1,2-Dichloroethene	96	2.784	2.773	0.011	99	58673	20.0	18.6	
31 Acrylonitrile	53	2.864	2.864	0.000	94	237040	200.0	208.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.944	2.933	0.011	93	43102	20.0	18.2	
33 Isopropyl ether	45	3.184	3.173	0.011	94	250187	20.0	22.6	
34 1,1-Dichloroethane	63	3.184	3.184	0.000	99	126216	20.0	22.7	
35 Vinyl acetate	86	3.230	3.219	0.011	100	19812	40.0	37.4	
36 2-Chloro-1,3-butadiene	88	3.230	3.230	0.000	90	51232	20.0	21.3	
37 Tert-butyl ethyl ether	59	3.516	3.504	0.012	88	204122	20.0	21.9	
38 2,2-Dichloropropane	41	3.710	3.699	0.011	93	59443	20.0	20.9	
* 39 2-Butanone-d5	46	3.721	3.710	0.011	0	284785	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.744	3.733	0.011	95	66948	20.0	21.7	
41 2-Butanone (MEK)	72	3.779	3.767	0.012	99	28397	100.0	104.2	
42 Ethyl acetate	70	3.801	3.790	0.011	95	11376	40.0	39.4	
43 Methyl acrylate	85	3.847	3.836	0.011	98	7947	20.0	26.6	
44 Propionitrile	54	3.916	3.904	0.012	96	83562	200.0	212.0	
45 Tetrahydrofuran	72	3.973	3.973	0.000	64	14407	40.0	46.6	
46 Chlorobromomethane	128	3.984	3.973	0.011	92	30924	20.0	18.9	
47 Methacrylonitrile	67	4.019	4.007	0.012	96	228480	200.0	238.7	
48 Chloroform	83	4.053	4.053	0.000	97	107284	20.0	22.4	
49 Cyclohexane	84	4.156	4.144	0.012	98	68307	20.0	20.3	
50 1,1,1-Trichloroethane	97	4.179	4.179	0.000	98	84089	20.0	21.9	
\$ 51 Dibromofluoromethane (Surr	113	4.224	4.213	0.011	97	105355	50.0	58.5	
52 Carbon tetrachloride	117	4.304	4.304	0.000	97	71787	20.0	22.5	
53 1,1-Dichloropropene	75	4.350	4.339	0.011	93	73258	20.0	20.2	
54 Isooctane	57	4.544	4.544	0.000	91	105261	20.0	19.3	
55 Benzene	78	4.556	4.556	0.000	98	229117	20.0	21.7	
56 Isobutyl alcohol	74	4.556	4.556	0.000	55	16604	500.0	498.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	4.590	4.590	0.000	83	122878	50.0	60.2	
59 Tert-amyl methyl ether	73	4.670	4.659	0.011	93	203135	20.0	23.1	
60 1,2-Dichloroethane	62	4.682	4.670	0.012	94	81459	20.0	23.3	
61 Isopropyl acetate	61	4.693	4.693	0.000	98	31776	20.0	22.9	
62 n-Heptane	57	4.773	4.762	0.011	77	22258	20.0	16.7	
* 63 Fluorobenzene	96	4.899	4.887	0.012	98	422781	50.0	50.0	
64 Trichloroethene	95	5.299	5.287	0.012	96	55151	20.0	21.7	
65 n-Butanol	43	5.367	5.379	-0.012	93	21135	500.0	454.7	
66 Methylcyclohexane	83	5.413	5.402	0.011	95	65858	20.0	20.0	
67 Ethyl acrylate	55	5.493	5.493	0.000	98	70468	20.0	23.1	
69 1,2-Dichloropropane	63	5.619	5.607	0.012	91	65302	20.0	22.3	
* 70 1,4-Dioxane-d8	96	5.710	5.710	0.000	94	17796	1000.0	1000.0	
72 Dibromomethane	93	5.767	5.756	0.011	94	36791	20.0	22.0	
71 Methyl methacrylate	100	5.767	5.767	0.000	93	22723	40.0	45.3	
73 1,4-Dioxane	88	5.779	5.767	0.012	32	9892	400.0	432.5	
74 n-Propyl acetate	43	5.859	5.847	0.012	99	83583	20.0	22.5	
75 Dichlorobromomethane	83	5.962	5.962	0.000	98	77202	20.0	21.6	
76 2-Nitropropane	41	6.362	6.362	0.000	99	18608	40.0	28.4	
78 Epichlorohydrin	57	6.499	6.499	0.000	99	59194	400.0	199.2	a
79 cis-1,3-Dichloropropene	75	6.545	6.545	0.000	99	87512	20.0	21.1	
80 4-Methyl-2-pentanone (MIBK	43	6.773	6.762	0.011	98	318705	100.0	110.2	
\$ 81 Toluene-d8 (Surr)	98	6.807	6.796	0.011	98	392890	50.0	59.0	
82 Toluene	91	6.888	6.887	0.001	92	216933	20.0	21.4	
83 trans-1,3-Dichloropropene	75	7.276	7.276	0.000	97	77227	20.0	21.5	
84 Ethyl methacrylate	69	7.333	7.333	0.000	95	62638	20.0	22.4	
86 1,1,2-Trichloroethane	83	7.459	7.459	0.000	96	45603	20.0	24.1	
85 Tetrachloroethene	166	7.470	7.459	0.011	94	92879	20.0	36.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,3-Dichloropropane	76	7.630	7.630	0.000	97	82433	20.0	22.7	
88 2-Hexanone	43	7.722	7.722	0.000	100	178778	100.0	106.3	
89 Chlorodibromomethane	129	7.825	7.813	0.012	98	53485	20.0	22.2	
90 n-Butyl acetate	73	7.836	7.836	0.000	97	8968	20.0	17.2	
91 Ethylene Dibromide	107	7.928	7.928	0.000	99	46707	20.0	21.9	
* 92 Chlorobenzene-d5	117	8.339	8.339	0.000	90	301589	50.0	50.0	
93 Chlorobenzene	112	8.373	8.362	0.011	93	140044	20.0	21.6	
94 Ethylbenzene	106	8.453	8.453	0.000	99	70589	20.0	21.4	
95 1,1,1,2-Tetrachloroethane	131	8.465	8.465	0.000	95	53844	20.0	21.8	
96 m-Xylene & p-Xylene	106	8.568	8.556	0.012	0	85521	20.0	21.1	
97 o-Xylene	106	8.911	8.899	0.012	92	83851	20.0	20.3	
98 n-Butyl acrylate	73	8.933	8.922	0.011	94	19675	20.0	14.3	
99 Styrene	104	8.933	8.933	0.000	92	145884	20.0	21.0	
100 Bromoform	173	9.105	9.093	0.012	97	30793	20.0	20.0	
101 Amyl acetate (mixed isomer)	43	9.116	9.116	0.000	88	50254	20.0	11.0	
102 Isopropylbenzene	105	9.208	9.196	0.012	97	212525	20.0	20.9	
\$ 103 4-Bromofluorobenzene	174	9.368	9.368	0.000	93	183070	50.0	66.2	
104 Bromobenzene	156	9.471	9.459	0.012	95	65092	20.0	21.1	
105 1,1,2,2-Tetrachloroethane	83	9.528	9.516	0.012	97	18083	20.0	7.64	
106 N-Propylbenzene	91	9.528	9.528	0.000	98	253944	20.0	20.6	
107 1,2,3-Trichloropropane	110	9.551	9.551	0.000	97	15776	20.0	21.5	
108 trans-1,4-Dichloro-2-buten	53	9.573	9.573	0.000	84	24672	20.0	22.8	
109 2-Chlorotoluene	91	9.608	9.608	0.000	96	195773	20.0	21.2	
110 4-Ethyltoluene	105	9.631	9.619	0.012	98	221428	20.0	20.1	
111 1,3,5-Trimethylbenzene	105	9.676	9.676	0.000	93	192648	20.0	21.6	
112 4-Chlorotoluene	91	9.711	9.699	0.012	99	195025	20.0	21.4	
113 Butyl Methacrylate	87	9.779	9.768	0.011	96	32300	20.0	8.92	
114 tert-Butylbenzene	91	9.916	9.905	0.011	92	103540	20.0	20.0	
115 1,2,4-Trimethylbenzene	105	9.962	9.962	0.000	98	191668	20.0	20.9	
116 sec-Butylbenzene	105	10.076	10.076	0.000	98	188982	20.0	19.1	
117 1,3-Dichlorobenzene	146	10.191	10.179	0.012	94	120052	20.0	21.4	
118 4-Isopropyltoluene	119	10.191	10.191	0.000	98	169427	20.0	20.3	
* 119 1,4-Dichlorobenzene-d4	152	10.236	10.236	0.000	95	175102	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	93	124312	20.0	20.6	
121 1,2,3-Trimethylbenzene	105	10.271	10.271	0.000	99	212039	20.0	21.7	
122 Benzyl chloride	126	10.374	10.374	0.000	99	21777	20.0	18.1	
123 2,3-Dihydroindene	117	10.419	10.419	0.000	92	234023	20.0	21.7	
124 p-Diethylbenzene	105	10.465	10.465	0.000	92	96458	20.0	20.4	
125 n-Butylbenzene	92	10.488	10.488	0.000	97	92368	20.0	20.2	
126 1,2-Dichlorobenzene	146	10.534	10.534	0.000	96	122541	20.0	21.6	
127 1,2,4,5-Tetramethylbenzene	119	11.025	11.025	0.000	97	171617	20.0	20.4	
128 1,2-Dibromo-3-Chloropropan	75	11.094	11.094	0.000	89	3164	20.0	7.44	
129 1,3,5-Trichlorobenzene	180	11.197	11.196	0.000	97	82476	20.0	20.4	
130 1,2,4-Trichlorobenzene	180	11.642	11.642	0.000	93	82291	20.0	20.5	
131 Hexachlorobutadiene	225	11.711	11.711	0.000	96	26215	20.0	17.6	
132 Naphthalene	128	11.814	11.814	0.000	99	215358	20.0	22.6	
133 1,2,3-Trichlorobenzene	180	11.974	11.974	0.000	95	82621	20.0	22.2	
S 134 1,2-Dichloroethene, Total	100				0		40.0	40.3	
S 135 Xylenes, Total	100				0		40.0	41.4	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00268	Amount Added: 20.00	Units: uL	
ACROLEIN W_00078	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00082	Amount Added: 20.00	Units: uL	
8260ISNEW_00092	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00179	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS2\\20180709-75161.b\\B32041.D

Injection Date: 10-Jul-2018 11:03:30

Instrument ID: CVOAMS2

Operator ID:

Lims ID: 460-159568-A-7 MSD

Worklist Smp#: 29

Client ID: FSMW-8A 06272018

Purge Vol: 5.000 mL

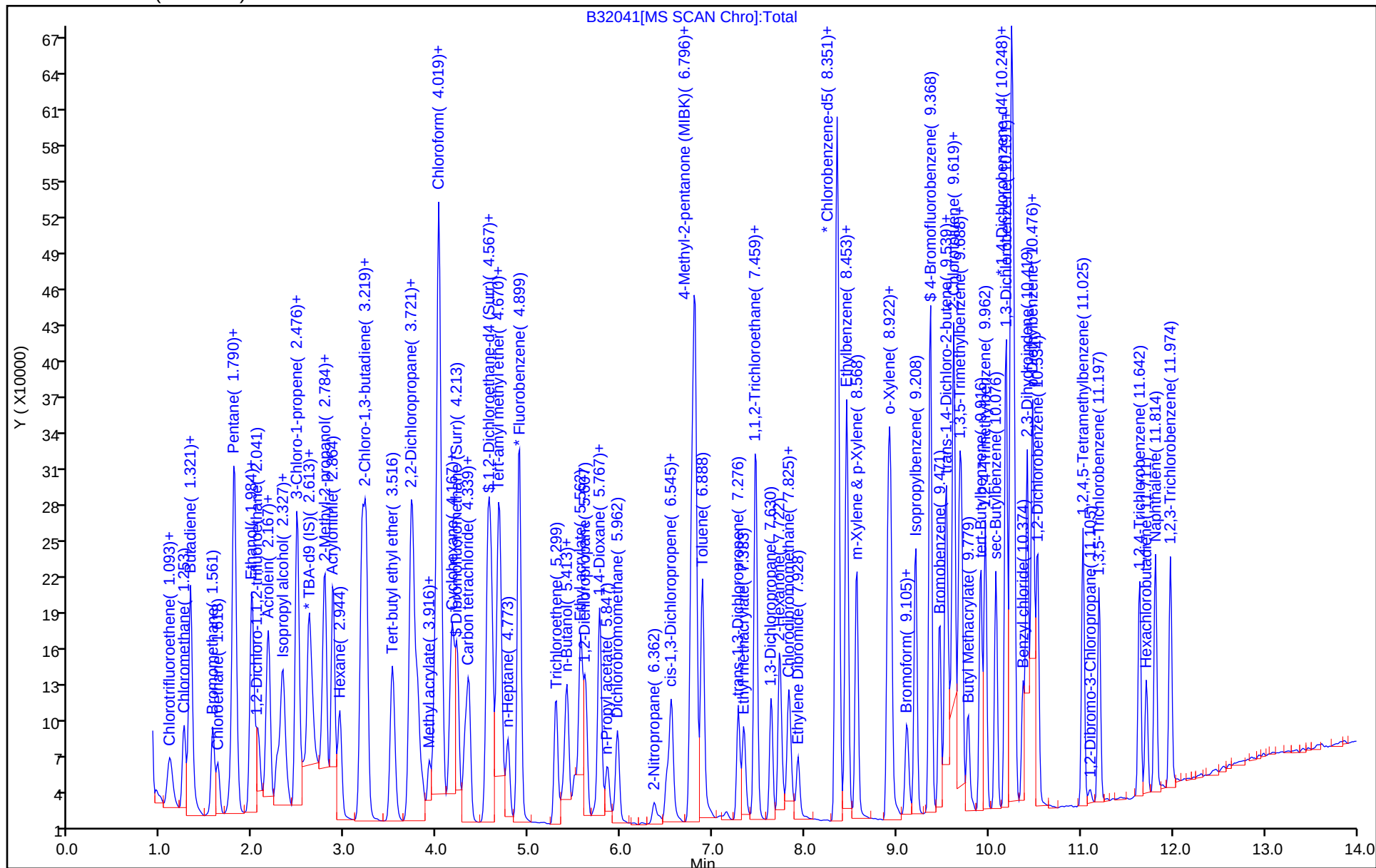
Dil. Factor: 1.0000

ALS Bottle#: 28

Method: 8260W_2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Instrument ID: CVOAMS2 Start Date: 07/09/2018 13:19Analysis Batch Number: 534663 End Date: 07/09/2018 22:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-534663/1		07/09/2018 13:19	1	B31996.D	Rtx-624 0.25 (mm)
STD7 460-534663/3 IC		07/09/2018 14:08	1	B31998.D	Rtx-624 0.25 (mm)
STD5 460-534663/5 IC		07/09/2018 14:56	1	B32000.D	Rtx-624 0.25 (mm)
STD20 460-534663/6 ICIS		07/09/2018 15:21	1	B32001.D	Rtx-624 0.25 (mm)
STD50 460-534663/7 IC		07/09/2018 15:45	1	B32002.D	Rtx-624 0.25 (mm)
STD200 460-534663/8 IC		07/09/2018 16:09	1	B32003.D	Rtx-624 0.25 (mm)
STD500 460-534663/9 IC		07/09/2018 16:33	1	B32004.D	Rtx-624 0.25 (mm)
STD1 460-534663/16 IC		07/09/2018 21:16	1	b32011.D	Rtx-624 0.25 (mm)
ICV 460-534663/17		07/09/2018 22:39	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-159568-1
 SDG No.: _____
 Instrument ID: CVOAMS2 Start Date: 07/09/2018 23:32
 Analysis Batch Number: 534820 End Date: 07/10/2018 11:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-534820/1		07/09/2018 23:32	1	B32013.D	Rtx-624 0.25 (mm)
CCVIS 460-534820/2		07/10/2018 00:00	1	B32014.D	Rtx-624 0.25 (mm)
LCS 460-534820/3		07/10/2018 00:25	1	B32015.D	Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 00:50	1		Rtx-624 0.25 (mm)
MB 460-534820/7		07/10/2018 02:04	1	B32019.D	Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 03:18	1		Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 03:42	1		Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 04:08	1		Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 04:32	1		Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 04:56	1		Rtx-624 0.25 (mm)
460-159568-10		07/10/2018 06:10	1	B32029.D	Rtx-624 0.25 (mm)
460-159568-3		07/10/2018 06:34	1	B32030.D	Rtx-624 0.25 (mm)
460-159568-4		07/10/2018 06:59	1	B32031.D	Rtx-624 0.25 (mm)
460-159568-5		07/10/2018 07:23	1	B32032.D	Rtx-624 0.25 (mm)
460-159568-7		07/10/2018 07:48	1	B32033.D	Rtx-624 0.25 (mm)
460-159568-8		07/10/2018 08:12	1	B32034.D	Rtx-624 0.25 (mm)
460-159568-9		07/10/2018 08:36	1	B32035.D	Rtx-624 0.25 (mm)
460-159568-1		07/10/2018 09:01	5	B32036.D	Rtx-624 0.25 (mm)
460-159568-2		07/10/2018 09:25	5	B32037.D	Rtx-624 0.25 (mm)
460-159568-7 MS		07/10/2018 10:39	1	B32040.D	Rtx-624 0.25 (mm)
460-159568-7 MSD		07/10/2018 11:03	1	B32041.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Instrument ID: CVOAMS2 Start Date: 07/10/2018 11:28Analysis Batch Number: 535008 End Date: 07/10/2018 21:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-535008/1		07/10/2018 11:28	1	B32042.D	Rtx-624 0.25 (mm)
CCVIS 460-535008/2		07/10/2018 11:52	1	B32043.D	Rtx-624 0.25 (mm)
LCS 460-535008/3		07/10/2018 12:19	1	B32044.D	Rtx-624 0.25 (mm)
LCSD 460-535008/4		07/10/2018 12:43	1	B32045.D	Rtx-624 0.25 (mm)
MB 460-535008/7		07/10/2018 13:56	1	B32048.D	Rtx-624 0.25 (mm)
460-159568-11		07/10/2018 14:34	1	B32049.D	Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 14:58	10		Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 15:23	10		Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 15:47	10		Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 16:12	10		Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 16:36	10		Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 17:01	1		Rtx-624 0.25 (mm)
460-159568-6		07/10/2018 18:13	1	B32058.D	Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 19:25	1		Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 19:49	1		Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 20:14	1		Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 20:38	25		Rtx-624 0.25 (mm)
ZZZZZ		07/10/2018 21:03	25		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Instrument ID: CVOAMS2 Start Date: 07/10/2018 22:13Analysis Batch Number: 535140 End Date: 07/11/2018 06:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-535140/1		07/10/2018 22:13	1	B32067.D	Rtx-624 0.25 (mm)
CCVIS 460-535140/2		07/10/2018 22:36	1	B32068.D	Rtx-624 0.25 (mm)
LCS 460-535140/3		07/10/2018 23:00	1	B32069.D	Rtx-624 0.25 (mm)
LCSD 460-535140/4		07/10/2018 23:25	1	B32070.D	Rtx-624 0.25 (mm)
MB 460-535140/7		07/11/2018 00:39	1	B32073.D	Rtx-624 0.25 (mm)
ZZZZZ		07/11/2018 01:03	1		Rtx-624 0.25 (mm)
ZZZZZ		07/11/2018 01:53	10		Rtx-624 0.25 (mm)
ZZZZZ		07/11/2018 02:17	1		Rtx-624 0.25 (mm)
ZZZZZ		07/11/2018 02:42	1		Rtx-624 0.25 (mm)
ZZZZZ		07/11/2018 03:32	1		Rtx-624 0.25 (mm)
460-159568-12		07/11/2018 04:45	1	B32083.D	Rtx-624 0.25 (mm)
460-159568-13		07/11/2018 05:10	1	B32084.D	Rtx-624 0.25 (mm)
ZZZZZ		07/11/2018 05:35	1		Rtx-624 0.25 (mm)
ZZZZZ		07/11/2018 06:48	1		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Batch Number: 534820 Batch Start Date: 07/09/18 23:32 Batch Analyst: Boykin, KennethBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260ISNEW 00092	8260MIX1COMB 00082	8260SURR250 00179	ACROLEIN W 00078
BFB 460-534820/1		8260C		5 mL	5 mL				
CCVIS 460-534820/2		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
LCS 460-534820/3		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
MB 460-534820/7		8260C		5 mL	5 mL	1 uL		1 uL	
460-159568-A-10	TRIP BLANK 06262018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-159568-B-3	FSMW-2B 06272018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-159568-B-4	FSMW-4B 06272018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-159568-B-5	FSMW-4A 06272018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-159568-B-7	FSMW-8A 06272018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-159568-B-8	DUPLICATE-01-062 72018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-159568-B-9	FSMW-13A 06272018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-159568-B-1	FSMW-14B 06262018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-159568-B-2	FSMW-14A 06262018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-159568-A-7 MS	FSMW-8A 06272018	8260C	T	5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
460-159568-A-7 MSD	FSMW-8A 06272018	8260C	T	5 mL	5 mL	1 uL	20 uL	1 uL	4 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00017	GASES Li 00268				
BFB 460-534820/1		8260C		1 uL					
CCVIS 460-534820/2		8260C			20 uL				
LCS 460-534820/3		8260C			20 uL				
MB 460-534820/7		8260C							
460-159568-A-10	TRIP BLANK 06262018	8260C	T						
460-159568-B-3	FSMW-2B 06272018	8260C	T						
460-159568-B-4	FSMW-4B 06272018	8260C	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

Page 1 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Batch Number: 534820 Batch Start Date: 07/09/18 23:32 Batch Analyst: Boykin, KennethBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00017	GASES Li 00268				
460-159568-B-5	FSMW-4A 06272018	8260C	T						
460-159568-B-7	FSMW-8A 06272018	8260C	T						
460-159568-B-8	DUPLICATE-01-06272018	8260C	T						
460-159568-B-9	FSMW-13A 06272018	8260C	T						
460-159568-B-1	FSMW-14B 06262018	8260C	T						
460-159568-B-2	FSMW-14A 06262018	8260C	T						
460-159568-A-7 MS	FSMW-8A 06272018	8260C	T		20 uL				
460-159568-A-7 MSD	FSMW-8A 06272018	8260C	T		20 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Batch Number: 535008 Batch Start Date: 07/10/18 11:28 Batch Analyst: Starzec, MargaretBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260ISNEW 00092	8260MIX1COMB 00082	8260SURR250 00179	ACROLEIN W 00078
BFB 460-535008/1		8260C		5 mL	5 mL				
CCVIS 460-535008/2		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
LCS 460-535008/3		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
LCSD 460-535008/4		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
MB 460-535008/7		8260C		5 mL	5 mL	1 uL		1 uL	
460-159568-A-11	EQUIPMENT 06262018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-159568-C-6	FSMW-2A 06272018	8260C	T	5 mL	5 mL	1 uL		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00017	GASES Li 00268				
BFB 460-535008/1		8260C		1 uL					
CCVIS 460-535008/2		8260C			20 uL				
LCS 460-535008/3		8260C			20 uL				
LCSD 460-535008/4		8260C			20 uL				
MB 460-535008/7		8260C							
460-159568-A-11	EQUIPMENT 06262018	8260C	T						
460-159568-C-6	FSMW-2A 06272018	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

Page 1 of 1

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-159568-1

SDG No.: _____

Batch Number: 535140 Batch Start Date: 07/10/18 22:13 Batch Analyst: Boykin, KennethBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260ISNEW 00092	8260MIX1COMB 00082	8260SURRE250 00179	ACROLEIN W 00078
BFB 460-535140/1		8260C		5 mL	5 mL				
CCVIS 460-535140/2		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
LCS 460-535140/3		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
LCSD 460-535140/4		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
MB 460-535140/7		8260C		5 mL	5 mL	1 uL		1 uL	
460-159568-B-12	FSMW-1A 06282018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-159568-B-13	Q218WASTE 06282018	8260C	T	5 mL	5 mL	1 uL		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00017	GASES Li 00268				
BFB 460-535140/1		8260C		1 uL					
CCVIS 460-535140/2		8260C			20 uL				
LCS 460-535140/3		8260C			20 uL				
LCSD 460-535140/4		8260C			20 uL				
MB 460-535140/7		8260C							
460-159568-B-12	FSMW-1A 06282018	8260C	T						
460-159568-B-13	Q218WASTE 06282018	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

2.5 / 2.5 IRH 6 No Cu

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD								COC No. 159568		Page 1 of 2					
ENSAFE EnSafe Inc. 800-588-7962		Project Name: FROST ST						PO No.		Project No. 0888823286 Phase Q2185A Task		07/13/2018			
		Site Location: WESTBURY, NY								Lab Name TEST AMERICA					
		Sampler/Site Phone# MIKE ZOBELE/631-561-1340						Sample Analysis Requested (Fill in the number of containers for each test)							
Sampler: MIKE ZOBELE								Total No. of Containers		VOC		← Preservative Type (3)			
Send Results To: ALEX STARK Email: ASTARK@ENSAFE.COM															
Data Shipping Address: 1223 SILAS DEANE HWY, WETHERSFIELD, CT 06109															
Sample ID (sys_samp_code)	Location ID (sys_loc_code)	Date (mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)							Remarks		
FSMW-14B 06262018		6/26/18	1250	WG	N	N	3	3					1		
FSMW-14A 06262018		6/26/18	1005	WG	N	N	3	3					2		
FSMW-2B 06272018		6/27/18	1335	WG	N	N	3	3					3		
FSMW-4B 06272018		6/27/18	1045	WG	N	N	3	3					4		
FSMW-4A 06272018		6/27/18	1140	WG	N	N	3	3					5		
FSMW-2A 06272018		6/27/18	1230	WG	N	N	3	3					6		
FSMW-8A 06272018		6/27/18	0905	WG	N	N	9	9					7 EXTRA VOLUME FOR MS/MSD		
DUPLICATE-01-06272018		6/27/18	-	WG	FD	N	3	3					8		
FSMW-13A 06272018		6/27/18	0810	WG	N	N	3	3					9		
TRIP BLANK 06262018		6/26/18	0900	WQ	TR	N	3	3					10		
EQUIPMENT 06282018		6/28/18	1200	WQ	EB	N	3	3					11		
Turnaround Time(specify): Final _____ days Email (if applicable) _____ days				Email Results(check): Yes ☒ No _____				Deliverable (check): Level 2 _____ Level 3 _____ Level 4 _____ TX TRRP-13 _____							
Field Comments:				Lab Comments:				Sample Shipment and Delivery Details							
Relinquished by (signature)				Date				Time				Received by (signature)			
1 <i>Michael Zobel</i>				6/28/18				1300				1 <i>U. J. V. R.</i>			
2 <i>U. J. V. R.</i>				6/28/18				1332				2 <i>BS</i>			
3 <i>BS</i>				6/28/18				1610				3 <i>BS</i>			
												Date			
												Time			
												Samples Iced?(check) Yes _____ No _____			
												Method of Shipment:			
												Airbill No:			
												Date Shipped:			

(1) Matrix Code: AA=Air, AQ=Air Quality Control Matrix, DC=Drill Cuttings, GS=Soil Gas, LD=Drilling Fluid, LF=Free Product, LH=Liquid Waste, Oil=Oil, SB=Bentonite, SC=Cement, SE=Sediment, SF=Filter Sandpack, SL=Sludge, SN=Miscellaneous Solid/Building Materials, SO=Soil, SQ=Soil/Solid Quality Control Matrix, ST=Solid Waste, SW=Swab/Wipe, TA=Animal Tissue, TP=Plant Tissue, TQ=Tissue Quality Control Matrix, U=Unknown, WA=Aqueous Drill Cuttings, WE=Estuary, WG=Ground Water, WL=Leachate, WO=Ocean Water, WP=Drinking Water, WQ=Water Quality Control Matrix, WS=Surface Water, WW=Waste Water

(2) Sample Type: AB=Ambient Blank, EB=Equipment Blank, FB=Field Blank, FD=Field Duplicate Sample, FR=Field Replicate, MB=Material Blank, N=Normal Environmental Sample, RB=Material Rinse Blank, TB=Trip Blank

(3) Preservative added: NA=Hydrochloric Acid, NE=Nitric Acid, SN=Sodium Hydroxide, SA=Sulfuric Acid, AA=Ascorbic Acid, HX=Hexamine, MS=Mercuric Sulfate, ST=Sodium Thiosulfate. If NO preservative added leave blank.

Rev. 06/05

6/26/18 19160 *U. J. V. R.* 6/28/18 17:00

Page ____ of ____

159568

Number of Coolers: _____		IR Gun # _____																	
Cooler Temperatures																			
<table border="1"> <thead> <tr> <th>RAW</th> <th>CORRECTED</th> </tr> </thead> <tbody> <tr> <td>Cooler #1: _____</td> <td>Cooler #1: _____</td> </tr> <tr> <td>Cooler #2: _____</td> <td>Cooler #2: _____</td> </tr> <tr> <td>Cooler #3: _____</td> <td>Cooler #3: _____</td> </tr> </tbody> </table>		RAW	CORRECTED	Cooler #1: _____	Cooler #1: _____	Cooler #2: _____	Cooler #2: _____	Cooler #3: _____	Cooler #3: _____	<table border="1"> <thead> <tr> <th>RAW</th> <th>CORRECTED</th> </tr> </thead> <tbody> <tr> <td>Cooler #4: _____</td> <td>Cooler #4: _____</td> </tr> <tr> <td>Cooler #5: _____</td> <td>Cooler #5: _____</td> </tr> <tr> <td>Cooler #6: _____</td> <td>Cooler #6: _____</td> </tr> </tbody> </table>		RAW	CORRECTED	Cooler #4: _____	Cooler #4: _____	Cooler #5: _____	Cooler #5: _____	Cooler #6: _____	Cooler #6: _____
RAW	CORRECTED																		
Cooler #1: _____	Cooler #1: _____																		
Cooler #2: _____	Cooler #2: _____																		
Cooler #3: _____	Cooler #3: _____																		
RAW	CORRECTED																		
Cooler #4: _____	Cooler #4: _____																		
Cooler #5: _____	Cooler #5: _____																		
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		<table border="1"> <thead> <tr> <th>RAW</th> <th>CORRECTED</th> </tr> </thead> <tbody> <tr> <td>Cooler #7: _____</td> <td>Cooler #7: _____</td> </tr> <tr> <td>Cooler #8: _____</td> <td>Cooler #8: _____</td> </tr> <tr> <td>Cooler #9: _____</td> <td>Cooler #9: _____</td> </tr> </tbody> </table>		RAW	CORRECTED	Cooler #7: _____	Cooler #7: _____	Cooler #8: _____	Cooler #8: _____	Cooler #9: _____	Cooler #9: _____								
RAW	CORRECTED																		
Cooler #7: _____	Cooler #7: _____																		
Cooler #8: _____	Cooler #8: _____																		
Cooler #9: _____	Cooler #9: _____																		

[illegible]

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____

Volume of Preservative used (ml):

Lot # of Preservative(s): _____

Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

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

EDS-WI-038, Rev 4, 06/09/2014

Initials: _____

Date:

6/28 1/8

Login Sample Receipt Checklist

Client: EnSafe, Inc.

Job Number: 460-159568-1

Login Number: 159568

List Source: TestAmerica Edison

List Number: 1

Creator: Lisa, Ryan J

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	
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	