

February 7, 2022

Ms. Melissa Sweet, PE
Project Manager, DER
New York State Department of Environmental Conservation
625 Broadway, 11th Floor
Albany, NY 12233-7015

Re **September 2021 Groundwater Monitoring Data Transmittal-revised**
Deutsch Relays Site #152003
65 Daly Road, East Northport, NY
FPM File No. 977-21-102

Dear Melissa:

FPM Group (FPM) has prepared this data transmittal to document the September 2021 groundwater sampling event for the Deutsch Relays Site (Site), which included sampling for volatile organic compounds (VOCs) at targeted monitoring wells. This data transmittal has been revised to address the NYSDEC's comments in your January 18, 2022 correspondence. This transmittal includes summary data tables, figures, and a discussion of the sampling procedures, quality assurance/quality control (QA/QC), data usability, and other details.

Groundwater Monitoring Procedures

Groundwater sampling was performed at water table monitoring wells MW-10, MW-11A and MW-24, intermediate-depth wells MW-10A, MW-12A, MW-23A, MW-32A MW-34A, MW-35A, and deep monitoring wells MW-11B, MW-12B, MW-14B, MW-20 and MW-34B during this sampling event. All sampling procedures were in general accordance with the procedures in the Site Management Plan (SMP) for this site, which was approved by the New York State Department of Environmental Conservation (NYSDEC). A site plan showing the locations of all the monitoring wells associated with the Site is included as Figure 1.

Two changes were made to the sampling program due to well conditions. Shallow monitoring well MW-29 appears to be damaged and, therefore, nearby well MW-11A was sampled in lieu of this well as it was the shallowest well in its proximity. An obstruction in deep well MW-14B prevented sampling and no substitute deep wells were available in nearby proximity to this well. Data from deep well MW-12B are used to evaluate deep groundwater conditions somewhat upgradient of MW-14B. We note that no site-related VOCs have been detected in MW-14B during multiple sampling events between 1997 and 2013, when this well was last sampled.

At each well to be sampled, the depth to the static water level and the depth of the well were measured using an interface probe. A decontaminated stainless-steel check valve was then used to purge a minimum of three to a maximum of five casing volumes of water from each well to be sampled. Following the removal of each casing volume, field parameters were monitored, including pH, turbidity, specific conductivity, temperature, and dissolved oxygen. The well

sampling logs included in Attachment A document the purging procedures and field parameter monitoring results.

Following purging, groundwater samples were collected from each well using dedicated tubing. Appropriate quality assurance/quality control (QA/QC) samples, including trip blank, field blank, field duplicate, and matrix spike/matrix spike duplicate (MS/MSD) samples, were collected and analyzed in accordance with the procedures outlined in the SMP.

All groundwater and QA/QC samples collected were analyzed by a New York State Department of Health (NYSDOH)-certified lab using the most recent NYSDEC Analytical Services Protocol (ASP). Analytical data were provided in a complete ASP Category B data package. The complete laboratory report, with notes, is included in Attachment B. A data usability summary report (DUSR) was also prepared and is included in Attachment C.

Groundwater Monitoring Results and Conclusions

Groundwater Flow Directions

Water level measurements obtained during the monitoring event were used to evaluate the directions of groundwater flow. The depth to water measurements were integrated with the previously obtained top-of-casing elevations to calculate the elevations of the water table and potentiometric surfaces of the intermediate-level and deep groundwater. The resulting data are shown on Figures 2 through 4 together with the groundwater contours and flow directions.

The water level data from the shallow (water table) wells (Figure 2) indicate a southwesterly flow direction in the area of well coverage, which is generally consistent with the previous data.

The water level data from the intermediate-level wells (Figure 3) indicate a west-southwest flow direction, which is consistent with the previous data.

The water level data from the deeper wells are presented on Figure 4 and show a southwest flow direction to the south and west of the Site and a southeast flow to the southeast of the Site, which is generally consistent with the previous data. The southeast flow direction is controlled entirely by well MW-20, which is situated at a distance southeast of the Site and indicates an approximate 17-foot change in groundwater elevation. This change in potentiometric surface elevation is more significant than the differences noted during prior monitoring events but is generally consistent with prior data.

Groundwater Quality

The groundwater chemical analytical results from the August/September 2021 monitoring event are summarized in Tables 1 through 3 and are compared to the NYSDEC Class GA Ambient Water Quality Standards and Guidance Values (Standards). The current and more recent historical monitoring results for Site-related VOCs are also shown on Figures 2 through 4 for comparison purposes. All detections are noted in bold type and the bold shaded values exceed the Standards. Of note, the only exceedances of the NYSDEC Standards in the samples were for Freon 113 and tetrachloroethene (PCE), both of which are Site-related VOCs; no other VOC detections exceeded NYSDEC Standards.

For the shallow wells, the only exceedances of the NYSDEC Standards noted were for Freon 113 and PCE in onsite well MW-10, which is located to the southeast of the former operations

area side of the Site. The detections are slightly above the Standard and generally comparable to prior detections. None of the detections in shallow well MW-24 which is downgradient of the former recharge basin, exceeded the Standards. These wells historically exhibited elevated levels of Site-related VOCs. Based on the current and recent historic data, Site-related impacts in shallow groundwater are now limited to the upgradient side of the Site.

For the intermediate-level wells, exceedances of the NYSDEC Standards were noted for Freon 113 and PCE in onsite well MW-10A and Freon 113 in onsite wells MW-23A and MW-32A. The detected concentrations are generally comparable to the detections noted during prior sampling events, with some variations. None of the detections in onsite well MW-35A or offsite wells MW-12A or MW-34A exceeded Standards. These data suggest that impacts exceeding applicable Standards in intermediate-level groundwater remain largely confined to the Site.

For the deep wells, exceedances of the NYSDEC Standards were noted for Freon 113 and PCE in onsite well MW-11B (downgradient) and offsite downgradient well MW-34B. An exceedance of the NYSDEC Standard for PCE was also noted in offsite downgradient well MW-12B, located southwest of MW-34B. The detected concentrations are generally comparable to the detections noted during more recent (2013) sampling events, although the concentrations in well MW-12B have shown a significant improvement since implementation of the ROD. The detected concentrations decreased downgradient from MW-34B to MW-12B. No detections of VOCs were noted in offsite downgradient well MW-20. These data suggest that Site-related impacts in deep groundwater are present onsite and extend downgradient to the southwest; the concentrations decrease to the southwest and have shown decreases in the most downgradient well (MW-12B). Site-related impacts were not identified to the southeast of the Site at MW-20.

Conclusions

Based on the recent and historic monitoring data, and with consideration of the NYSDEC's January 18, 2022 correspondence monitoring will continue to be performed as outlined below.

- Groundwater monitoring will be continued in accordance with the SMP for onsite shallow wells MW-10 and offsite well MW-24 to confirm that Site-related impacts continue to be limited to the Site. Replacement of shallow well MW-29 is anticipated due to site development and will be addressed in future correspondence to the NYSDEC.
- Groundwater monitoring will be continued for onsite intermediate wells MW-10A, MW-32A and MW-23A, and offsite wells MW-12A and MW-34A. Monitoring of onsite intermediate well MW-35A will be discontinued in concurrences with the NYSDEC January 18, 2022 correspondence as this well does not provide data needed to define the extent of Site-related impacts in intermediate groundwater.
- Groundwater monitoring will be continued for onsite deep well MW-11B and offsite wells MW-12B, MW-20 and MW-34B. MW-14B, was found to be obstructed and could not be sampled. MW-12B will be utilized in future sampling events to monitor deep interval downgradient groundwater in concurrence with the NYSDEC January 18, 2022 correspondence.

- Redevelopment of the site is planned and initial earthwork is anticipated to commence in the late spring of 2022. A review of the preliminary site plans indicates development may coincide with existing monitoring well locations. We are presently working with the development team and will notify the NYSDEC in advance should monitoring well replacements be necessary.

Please feel free to contact me at (631) 737-6200 should you have any questions.

Sincerely,

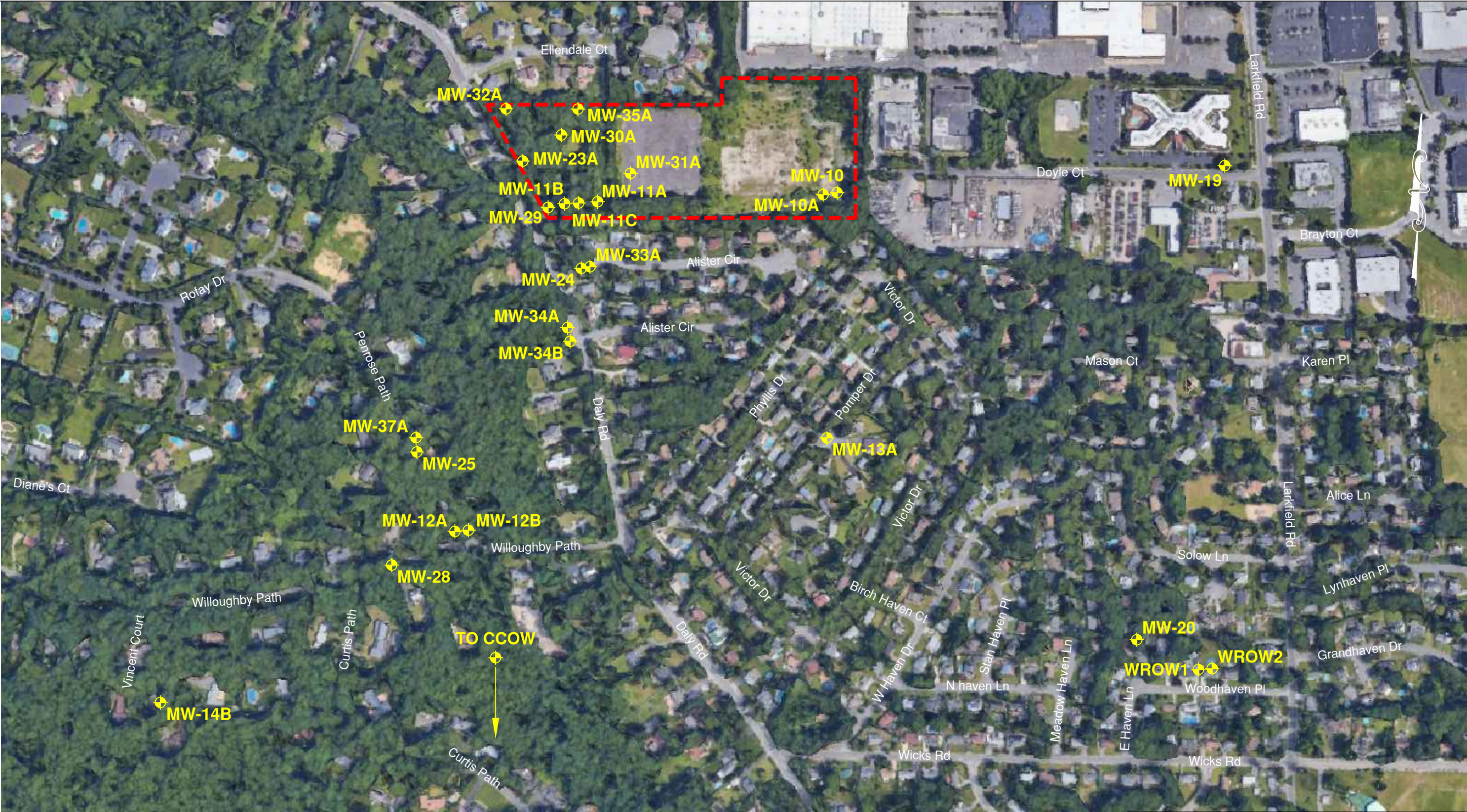


Ben T. Cancemi, PG
Senior Hydrogeologist
Department Manager

BTC/SOD:btc
Attachments

cc: David Burman
Barry Cohen, Esq.

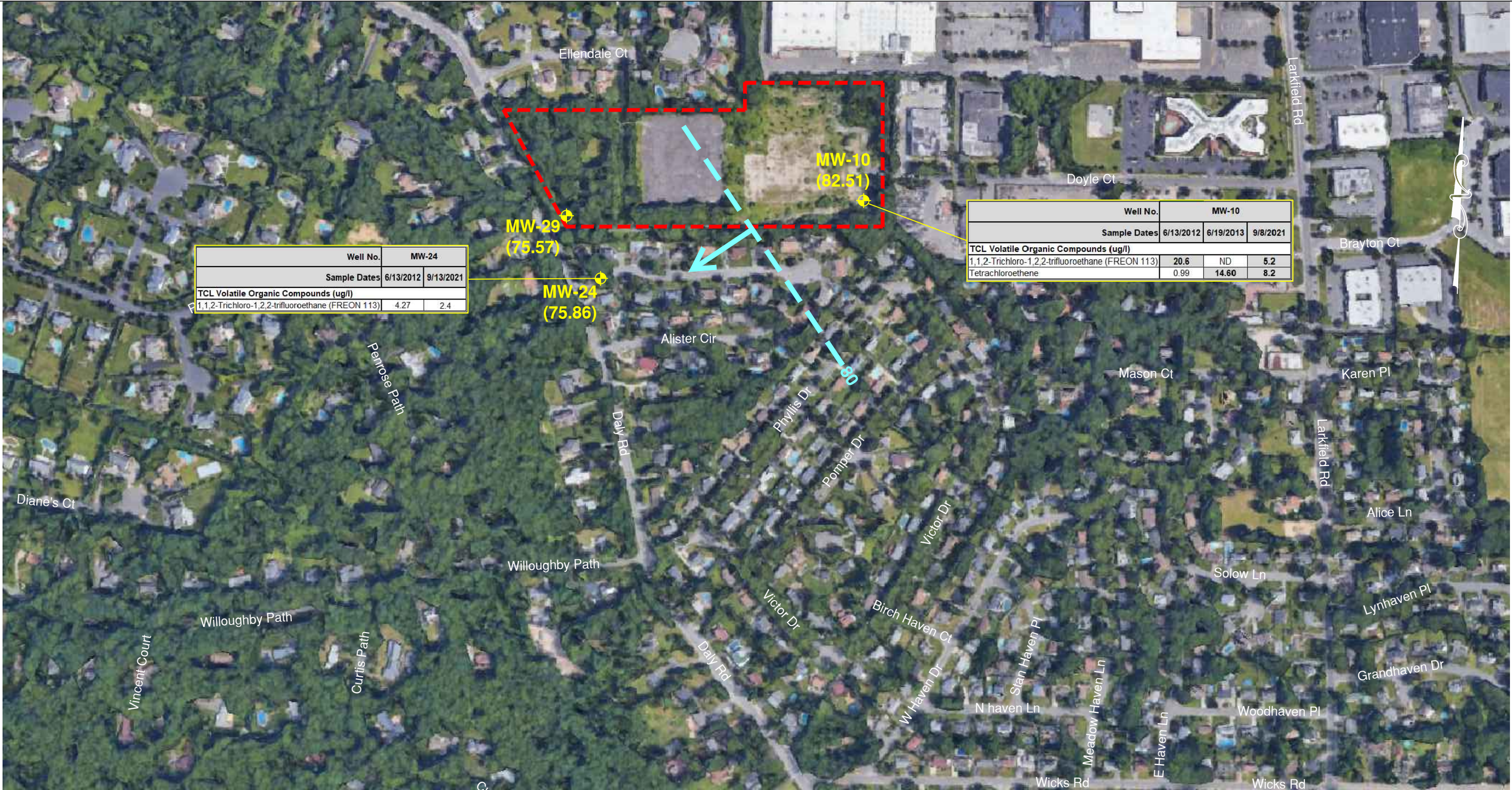
S:\Engel Burman\65 Daly Road\Site Management\GW Sampling 2021\GW Data\transmittal Sept2021rev.Docx



LEGEND:

--- SITE LOCATION

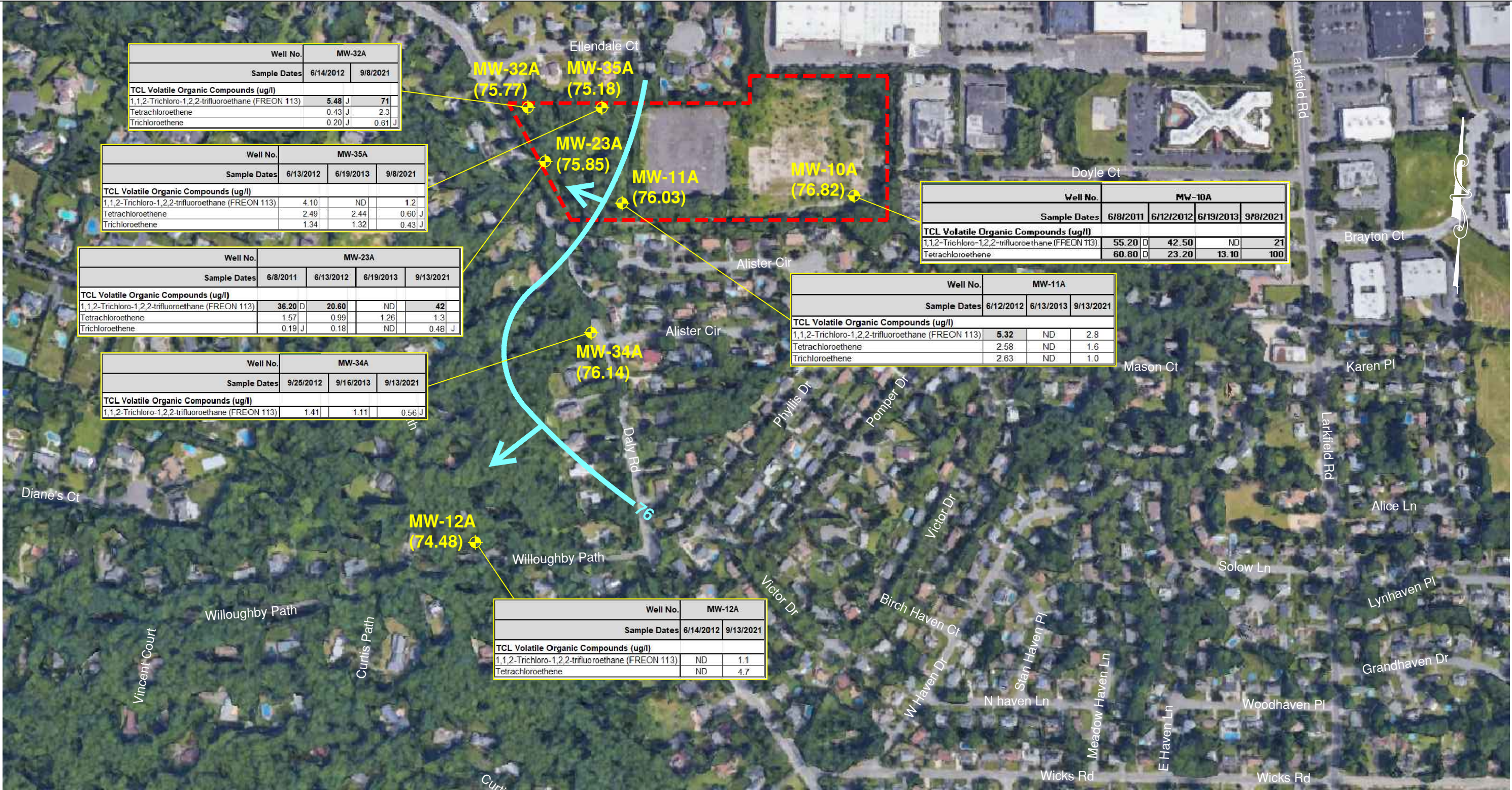
FPM GROUP		
FIGURE 1 MONITORING WELL LOCATIONS DEUTSCH RELAYS, INC. SITE EAST NORTHPORT, NEW YORK		
Drawn By: B.F.	Checked By: B.C.	Date: 12/7/21



FPM GROUP

FIGURE 2
SHALLOW MONITORING WELL LOCATIONS
DEUTSCH RELAYS, INC. SITE
EAST NORTHPORT, NEW YORK

Drawn By:B.F. | Checked By:B.C. | Date: 12/7/21



LEGEND:

SITE LOCATION

76

GROUNDWATER ELEVATION CONTOUR (FT. MSL)

FLOW DIRECTION

MW-10A
(76.82) GW. EL. FT. MSL

FPM GROUP

FIGURE 3
INTERMEDIATE MONITORING
WELL LOCATIONS
DEUTSCH RELAYS, INC. SITE
EAST NORTHPORT, NEW YORK

Drawn By: B.F.

Checked By: B.C.

Date: 12/7/21



LEGEND:

- SITE LOCATION
- 75 GROUNDWATER ELEVATION CONTOUR (FT. MSL)
- FLOW DIRECTION
- ✦ MW-11B (75.81) GW. EL. FT. MSL

FPM GROUP

FIGURE 4
DEEP MONITORING WELL LOCATIONS
DEUTSCH RELAYS, INC. SITE
EAST NORTHPORT, NEW YORK

Drawn By: B.F. | Checked By: B.C. | Date: 12/7/21

TABLE 1
SHALLOW GROUNDWATER SAMPLE RESULTS
DEUTSCH RELAYS SITE #152003
65 DALY ROAD, EAST NORTHPORT, NEW YORK

Well No.	MW-10			MW-11A			MW-24		MW-29				NYSDEC CLASS GA AMBIENT WATER QUALITY STANDARDS and GUIDANCE VALUES	
Sample Dates	6/13/2012	6/19/2013	9/8/2021	6/12/2012	6/13/2013	9/13/2021	6/13/2012	9/13/2021	6/8/2011	6/13/2012	6/19/2013	9/13/2021		
Target Compound List Volatile Organic Compounds in micrograms per liter														
1,1,1-Trichloroethane	ND	0.14 J	<0.24	ND	ND	<0.24	ND	<0.24	ND	ND	ND	NS***	5	
1,1,2,2-Tetrachloroethane	NA	NA	<0.37	NA	NA	<0.37	NA	<0.37	NA	NA	NA	NS***	5	
1,1,2-Trichloro-1,2,2-trifluoroethane (FREON 113)	20.6	ND	5.2	5.32	ND	2.8	4.27	2.4	1.45	0.82	ND	NS***	5	
1,1,2-Trichloroethane	NA	NA	<0.20	NA	NA	<0.20	NA	<0.20	NA	NA	NA	NS***	1	
1,1-Dichloroethane	0.53	ND	<0.26	0.30	ND	<0.26	ND	<0.26	ND	ND	ND	NS***	5	
1,1-Dichloroethene	NA	NA	<0.26	NA	NA	<0.26	NA	<0.26	NA	NA	NA	NS***	5	
1,2,3-Trichlorobenzene	NA	NA	<0.36	NA	NA	<0.36	NA	<0.36	NA	NA	NA	NS***	5	
1,2,4-Trichlorobenzene	NA	NA	<0.37	NA	NA	<0.37	NA	<0.37	NA	NA	NA	NS***	5	
1,2-Dibromo-3-Chloropropane	NA	NA	<0.38	NA	NA	<0.38	NA	<0.38	NA	NA	NA	NS***	0.04	
1,2-Dichlorobenzene	NA	NA	<0.21	NA	NA	<0.21	NA	<0.21	NA	NA	NA	NS***	3	
1,2-Dichloroethane	NA	NA	<0.43	NA	NA	<0.43	NA	<0.43	NA	NA	NA	NS***	0.6	
1,2-Dichloropropane	NA	NA	<0.35	NA	NA	<0.35	NA	<0.35	NA	NA	NA	NS***	1	
1,3-Dichlorobenzene	NA	NA	<0.34	NA	NA	<0.34	NA	<0.34	NA	NA	NA	NS***	3	
1,4-Dichlorobenzene	NA	NA	<0.33	NA	NA	<0.33	NA	<0.33	NA	NA	NA	NS***	3	
1,4-Dioxane	NA	NA	<28	NA	NA	<28	NA	<28	NA	NA	NA	NS***	*	
2-Butanone (MEK)	NA	NA	<1.9	NA	NA	<1.9	NA	<1.9	NA	NA	NA	NS***	50	
2-Hexanone	NA	NA	<1.1	NA	NA	<1.1	NA	<1.1 F1	NA	NA	NA	NS***	50	
4-Methyl-2-pentanone (MIBK)	NA	NA	<1.3	NA	NA	<1.3	NA	<1.3	NA	NA	NA	NS***	*	
Acetone	NA	NA	<4.4	NA	NA	<4.4	NA	<4.4	NA	NA	NA	NS***	50	
Benzene	NA	NA	<0.20	NA	NA	<0.20	NA	<0.20	NA	NA	NA	NS***	1	
Bromoform	NA	NA	<0.54	NA	NA	<0.54	NA	<0.54	NA	NA	NA	NS***	50	
Bromomethane	NA	NA	<0.55	NA	NA	<0.55	NA	<0.55	NA	NA	NA	NS***	5	
Carbon disulfide	NA	NA	<0.82	NA	NA	<0.82	NA	<0.82	NA	NA	NA	NS***	*	
Carbon tetrachloride	NA	NA	<0.21	NA	NA	<0.21	NA	<0.21	NA	NA	NA	NS***	5	
Chlorobenzene	NA	NA	<0.38	NA	NA	<0.38	NA	<0.38	NA	NA	NA	NS***	5	
Chlorobromomethane	NA	NA	<0.41	NA	NA	<0.41	NA	<0.41	NA	NA	NA	NS***	*	
Chlorodibromomethane	NA	NA	<0.28	NA	NA	<0.28	NA	<0.28	NA	NA	NA	NS***	*	
Chloroethane	NA	NA	<0.32	NA	NA	<0.32	NA	<0.32	NA	NA	NA	NS***	**	
Chloroform	ND	ND	<0.33	ND	ND	0.45 J	ND	<0.33	0.22 J	ND	ND	NS***	7	
Chloromethane	NA	NA	<0.40	NA	NA	<0.40	NA	<0.40	NA	NA	NA	NS***	5	
cis-1,2-Dichloroethene	NA	NA	<0.22	NA	NA	<0.22	NA	<0.22	NA	NA	NA	NS***	5	
cis-1,3-Dichloropropene	NA	NA	<0.22	NA	NA	<0.22	NA	<0.22	NA	NA	NA	NS***	5	
Cyclohexane	NA	NA	<0.32	NA	NA	<0.32	NA	<0.32	NA	NA	NA	NS***	*	
Dichlorobromomethane	NA	NA	<0.34	NA	NA	<0.34	NA	<0.34	NA	NA	NA	NS***	5	
Dichlorodifluoromethane	NA	NA	<0.31	NA	NA	<0.31	NA	<0.31	NA	NA	NA	NS***	**	
Ethylbenzene	NA	NA	<0.30	NA	NA	<0.30	NA	<0.30	NA	NA	NA	NS***	5	
Ethylene Dibromide	NA	NA	<0.50	NA	NA	<0.50	NA	<0.50	NA	NA	NA	NS***	0.0006	
Isopropylbenzene	NA	NA	<0.34	NA	NA	<0.34	NA	<0.34	NA	NA	NA	NS***	**	
Methyl acetate	NA	NA	<0.79	NA	NA	<0.79	NA	<0.79	NA	NA	NA	NS***	*	
Methyl tert-butyl ether	NA	NA	<0.22	NA	NA	0.31 J	NA	<0.22	NA	NA	NA	NS***	*	
Methylcyclohexane	NA	NA	<0.71	NA	NA	<0.71	NA	<0.71	NA	NA	NA	NS***	*	
Methylene Chloride	NA	NA	<0.32	NA	NA	<0.32	NA	<0.32	NA	NA	NA	NS***	5	
m-Xylene & p-Xylene	NA	NA	<0.30	NA	NA	<0.30	NA	<0.30	NA	NA	NA	NS***	5	
o-Xylene	NA	NA	<0.36	NA	NA	<0.36	NA	<0.36	NA	NA	NA	NS***	5	
Styrene	NA	NA	<0.42	NA	NA	<0.42	NA	<0.42	NA	NA	NA	NS***	**	
Tetrachloroethene	0.99	14.60	8.2	2.58	ND	1.6	0.45	<0.25	0.88	0.45	0.70	NS***	5	
Toluene	NA	NA	<0.38	NA	NA	<0.38	NA	<0.38	NA	NA	NA	NS***	5	
trans-1,2-Dichloroethene	NA	NA	<0.24	NA	NA	<0.24	NA	<0.24	NA	NA	NA	NS***	5	
trans-1,3-Dichloropropene	NA	NA	<0.22	NA	NA	<0.22	NA	<0.22	NA	NA	NA	NS***	5	
Trichloroethene	0.18	0.61	<0.31	2.63	ND	1.0	0.45	<0.31	0.93	0.34	0.32	NS***	5	
Trichlorofluoromethane	NA	NA	<0.32	NA	NA	<0.32	NA	<0.32	NA	NA	NA	NS***	5	
Vinyl chloride	NA	NA	<0.17	NA	NA	<0.17	NA	<0.17	NA	NA	NA	NS***	2	
Tentatively Identified Compounds	NA	NA	None	NA	NA	None	NA	None		NA	NA	NA	NS***	*

Notes:

NA - Not analyzed

ND - Not detected, MDL not available

J - Estimated concentration

* - No established standard for this compound

BOLD shaded values exceed NYSDEC Class GA Ambient Water Quality Standard or Guidance Value

** - The principal organic contaminant standard for groundwater of 5 ug/L

NS*** - Well could not be sampled due to damage

F1 - MS and/or MSD recovery exceeds control limits

< - Not detected at or above the noted Method Detection Limit

TABLE 2
INTERMEDIATE GROUNDWATER SAMPLE RESULTS
DEUTSCH RELAYS SITE #152003
65 DALY ROAD, EAST NORTHPORT, NEW YORK

Well No.	MW-10A				MW-12A		MW-23A				MW-32A		MW-34A			MW-35A			NYSDEC CLASS GA AMBIENT WATER QUALITY STANDARDS and GUIDANCE VALUES	
Sample Dates	6/8/2011	6/12/2012	6/19/2013	9/8/2021	6/14/2012	9/13/2021	6/8/2011	6/13/2012	6/19/2013	9/13/2021	6/14/2012	9/8/2021	9/25/2012	9/16/2013	9/13/2021	6/13/2012	6/19/2013	9/8/2021		
Target Compound List Volatile Organic Compounds in micrograms per liter																				
1,1,1-Trichloroethane	1.13	0.44	ND	<0.24	ND	<0.24	0.14 J	ND	ND	<0.24	0.22 J	<0.24	ND	ND	<0.24	ND	ND	<0.24	5	
1,1,2,2-Tetrachloroethane	NA	NA	NA	<0.37	NA	<0.37	NA	NA	NA	<0.37	NA	<0.37	NA	NA	<0.37	NA	NA	<0.37	5	
1,1,2-Trichloro-1,2,2-trifluoroethane (FREON 113)	55.20 D	42.50	ND	21	ND	1.1	36.20 D	20.60	ND	42	5.48 J	71	1.41	1.11	0.56 J	4.10	ND	1.2	5	
1,1,2-Trichloroethane	NA	NA	NA	<0.20	NA	<0.20	NA	NA	NA	<0.20	NA	<0.20	NA	NA	<0.20	NA	NA	<0.20	1	
1,1-Dichloroethane	0.12 J	2.90	ND	<0.26	ND	<0.26	ND	2.07	ND	<0.26	0.20 J	<0.26	ND	ND	<0.26	ND	ND	<0.26	5	
1,1-Dichloroethene	NA	NA	NA	<0.26	NA	<0.26	NA	NA	NA	<0.26	NA	<0.26	NA	NA	<0.26	NA	NA	<0.26	5	
1,2,3-Trichlorobenzene	NA	NA	NA	<0.36	NA	<0.36	NA	NA	NA	<0.36	NA	<0.36	NA	NA	<0.36	NA	NA	<0.36	5	
1,2,4-Trichlorobenzene	NA	NA	NA	<0.37	NA	<0.37	NA	NA	NA	<0.37	NA	<0.37	NA	NA	<0.37	NA	NA	<0.37	5	
1,2-Dibromo-3-Chloropropane	NA	NA	NA	<0.38	NA	<0.38	NA	NA	NA	<0.38	NA	<0.38	NA	NA	<0.38	NA	NA	<0.38	0.04	
1,2-Dichlorobenzene	NA	NA	NA	<0.21	NA	<0.21	NA	NA	NA	<0.21	NA	<0.21	NA	NA	<0.21	NA	NA	<0.21	3	
1,2-Dichloroethane	NA	NA	NA	<0.43	NA	<0.43	NA	NA	NA	<0.43	NA	<0.43	NA	NA	<0.43	NA	NA	<0.43	0.6	
1,2-Dichloropropane	NA	NA	NA	<0.35	NA	<0.35	NA	NA	NA	<0.35	NA	<0.35	NA	NA	<0.35	NA	NA	<0.35	1	
1,3-Dichlorobenzene	NA	NA	NA	<0.34	NA	<0.34	NA	NA	NA	<0.34	NA	<0.34	NA	NA	<0.34	NA	NA	<0.34	3	
1,4-Dichlorobenzene	NA	NA	NA	<0.33	NA	<0.33	NA	NA	NA	<0.33	NA	<0.33	NA	NA	<0.33	NA	NA	<0.33	3	
1,4-Dioxane	NA	NA	NA	<28	NA	<28	NA	NA	NA	<28	NA	<28	NA	NA	<28	NA	NA	<28	*	
2-Butanone (MEK)	NA	NA	NA	<1.9	NA	<1.9	NA	NA	NA	<1.9	NA	<1.9	NA	NA	<1.9	NA	NA	<1.9	50	
2-Hexanone	NA	NA	NA	<1.1	NA	<1.1	NA	NA	NA	<1.1	NA	<1.1	NA	NA	<1.1	NA	NA	<1.1	50	
4-Methyl-2-pentanone (MIBK)	NA	NA	NA	<1.3	NA	<1.3	NA	NA	NA	<1.3	NA	<1.3	NA	NA	<1.3	NA	NA	<1.3	*	
Acetone	NA	NA	NA	<4.4	NA	<4.4	NA	NA	NA	<4.4	NA	<4.4	NA	NA	<4.4	NA	NA	<4.4	50	
Benzene	NA	NA	NA	<0.20	NA	<0.20	NA	NA	NA	<0.20	NA	<0.20	NA	NA	<0.20	NA	NA	<0.20	1	
Bromoform	NA	NA	NA	<0.54	NA	<0.54	NA	NA	NA	<0.54	NA	<0.54	NA	NA	<0.54	NA	NA	<0.54	50	
Bromomethane	NA	NA	NA	<0.55	NA	<0.55	NA	NA	NA	<0.55	NA	<0.55	NA	NA	<0.55	NA	NA	<0.55	5	
Carbon disulfide	NA	NA	NA	<0.82	NA	<0.82	NA	NA	NA	<0.82	NA	<0.82	NA	NA	<0.82	NA	NA	<0.82	*	
Carbon tetrachloride	NA	NA	NA	<0.21	NA	<0.21	NA	NA	NA	<0.21	NA	<0.21	NA	NA	<0.21	NA	NA	<0.21	5	
Chlorobenzene	NA	NA	NA	<0.38	NA	<0.38	NA	NA	NA	<0.38	NA	<0.38	NA	NA	<0.38	NA	NA	<0.38	5	
Chlorobromomethane	NA	NA	NA	<0.41	NA	<0.41	NA	NA	NA	<0.41	NA	<0.41	NA	NA	<0.41	NA	NA	<0.41	*	
Chlorodibromomethane	NA	NA	NA	<0.28	NA	<0.28	NA	NA	NA	<0.28	NA	<0.28	NA	NA	<0.28	NA	NA	0.36 J	*	
Chloroethane	NA	NA	NA	<0.32	NA	<0.32	NA	NA	NA	<0.32	NA	<0.32	NA	NA	<0.32	NA	NA	<0.32	**	
Chloroform	0.23 J	ND	ND	0.36 J	ND	0.98 J	0.20 J	ND	ND	<0.33	ND	<0.33	ND	ND	1.2	ND	0.30	1.4	7	
Chloromethane	NA	NA	NA	<0.40	NA	<0.40	NA	NA	NA	<0.40	NA	<0.40	NA	NA	<0.40	NA	NA	<0.40	5	
cis-1,2-Dichloroethene	NA	NA	NA	<0.22	NA	<0.22	NA	NA	NA	<0.22	NA	<0.22	NA	NA	<0.22	NA	NA	<0.22	5	
cis-1,3-Dichloropropene	NA	NA	NA	<0.22	NA	<0.22	NA	NA	NA	<0.22	NA	<0.22	NA	NA	<0.22	NA	NA	<0.22	5	
Cyclohexane	NA	NA	NA	<0.32	NA	<0.32	NA	NA	NA	<0.32	NA	<0.32	NA	NA	<0.32	NA	NA	<0.32	*	
Dichlorobromomethane	NA	NA	NA	<0.34	NA	<0.34	NA	NA	NA	<0.34	NA	<0.34	NA	NA	<0.34	NA	NA	0.38 J	5	
Dichlorodifluoromethane	NA	NA	NA	<0.31	NA	<0.31	NA	NA	NA	<0.31	NA	<0.31	NA	NA	<0.31	NA	NA	<0.31	**	
Ethylbenzene	NA	NA	NA	<0.30	NA	<0.30	NA	NA	NA	<0.30	NA	<0.30	NA	NA	<0.30	NA	NA	<0.30	5	
Ethylene Dibromide	NA	NA	NA	<0.50	NA	<0.50	NA	NA	NA	<0.50	NA	<0.50	NA	NA	<0.50	NA	NA	<0.50	0.0006	
Isopropylbenzene	NA	NA	NA	<0.34	NA	<0.34	NA	NA	NA	<0.34	NA	<0.34	NA	NA	<0.34	NA	NA	<0.34	**	
Methyl acetate	NA	NA	NA	<0.79	NA	<0.79	NA	NA	NA	<0.79	NA	<0.79	NA	NA	<0.79	NA	NA	<0.79	*	
Methyl tert-butyl ether	NA	NA	NA	<0.22	NA	<0.22	NA	NA	NA	0.35 J	NA	0.68 J	NA	NA	<0.22	NA	NA	<0.22	*	
Methylcyclohexane	NA	NA	NA	<0.71	NA	<0.71	NA	NA	NA	<0.71	NA	<0.71	NA	NA	<0.71	NA	NA	<0.71	*	
Methylene Chloride	NA	NA	NA	<0.32	NA	<0.32	NA	NA	NA	<0.32	NA	<0.32	NA	NA	<0.32	NA	NA	<0.32	5	
m-Xylene & p-Xylene	NA	NA	NA	<0.30	NA	<0.30	NA	NA	NA	<0.30	NA	<0.30	NA	NA	<0.30	NA	NA	<0.30	5	
o-Xylene	NA	NA	NA	<0.36	NA	<0.36	NA	NA	NA	<0.36	NA	<0.36	NA	NA	<0.36	NA	NA	<0.36	5	
Styrene	NA	NA	NA	<0.42	NA	<0.42	NA	NA	NA	<0.42	NA	<0.42	NA	NA	<0.42	NA	NA	<0.42	**	
Tetrachloroethene	60.80 D	23.20	13.10	100	ND	4.7	1.57	0.99	1.26	1.3	0.43 J	2.3	2.22	1.87	<0.25	2.49	2.44	0.60 J	5	
Toluene	NA	NA	NA	<0.38	NA	<0.38	NA	NA	NA	<0.38	NA	<0.38	NA	NA	1.3	NA	NA	<0.38	5	
trans-1,2-Dichloroethene	NA	NA	NA	<0.24	NA	<0.24	NA	NA	NA	<0.24	NA	<0.24	NA	NA	<0.24	NA	NA	<0.24	5	
trans-1,3-Dichloropropene	NA	NA	NA	<0.22	NA	<0.22	NA	NA	NA	<0.22	NA	<0.22	NA	NA	<0.22	NA	NA	<0.22	5	
Trichloroethene	2.04	0.96	0.54	<0.31	ND	<0.31	0.19 J	0.18	ND	0.48 J	0.20 J	0.61 J	0.65	0.33 J	<0.31	1.34	1.32	0.43 J	5	
Trichlorofluoromethane	NA	NA	NA	<0.32	NA	<0.32	NA	NA	NA	<0.32	NA	<0.32	NA	NA	<0.32	NA	NA	<0.32	5	
Vinyl chloride	NA	NA	NA	<0.17	NA	<0.17	NA	NA	NA	<0.17	NA	<0.17	NA	NA	<0.17	NA	NA	<0.17	2	
Tentatively Identified Compounds	NA	NA	NA	None	NA	None	NA	NA	NA	8.2 JN	NA	None	NA	NA	None	NA	NA	None	*	

Notes:

NA - Not analyzed
ND - Not detected, MDL not available
J - Estimated concentration
* - No established standard for this compound

** - The principal organic contaminant standard for groundwater of 5 ug/L
NS*** - Well could not be sampled due to damage
N - Flag indicates presumptive evidence of a compound
< - Not detected at or above the noted Method Detection Limit

BOLD shaded values exceed NYSDEC Class GA Ambient Water Quality Standard or Guidance Value

TABLE 3
DEEP GROUNDWATER SAMPLE RESULTS
DEUTSCH RELAYS SITE #152003
65 DALY ROAD, EAST NORTHPORT, NEW YORK

Sample Locations	MW-11B			MW-11B (duplicate)	MW-12B			MW-122B (duplicate)	MW-14B			MW-20		MW-34B			NYSDEC CLASS GA AMBIENT WATER QUALITY STANDARDS and GUIDANCE VALUES
Sample Dates	6/12/2012	6/13/2013	9/8/2021	9/8/2021	9/25/2012	4/1/2013	9/13/2021	9/13/2021	6/13/2012	6/17/2013	9/13/2021	6/12/2012	9/13/2021	9/25/2012	11/5/2013	9/13/2021	
Target Compound List Volatile Organic Compounds in micrograms per liter																	
1,1,1-Trichloroethane	ND	ND	<0.24	<0.24	0.25 J	0.21 J	<0.24	<0.24	ND	ND	NS***	0.13	<0.24	ND	ND	<0.24	5
1,1,2,2-Tetrachloroethane	NA	NA	<0.37	<0.37	NA	NA	<0.37	<0.37	NA	NA	NS***	NA	<0.37	NA	NA	<0.37	5
1,1,2-Trichloro-1,2,2-trifluoroethane (FREON 113)	8.23	ND	16	15	9.37	6.49	<0.31	<0.31	ND	ND	NS***	ND	<0.31	0.95	ND	14	5
1,1,2-Trichloroethane	NA	NA	<0.20	<0.20	NA	NA	<0.20	<0.20	NA	NA	NS***	NA	<0.20	NA	NA	<0.20	1
1,1-Dichloroethane	0.47	ND	<0.26	<0.26	ND	ND	<0.26	<0.26	ND	ND	NS***	ND	<0.26	ND	ND	<0.26	5
1,1-Dichloroethene	NA	NA	<0.26	<0.26	NA	NA	<0.26	<0.26	NA	NA	NS***	NA	<0.26	NA	NA	<0.26	5
1,2,3-Trichlorobenzene	NA	NA	<0.36	<0.36	NA	NA	<0.36	<0.36	NA	NA	NS***	NA	<0.36	NA	NA	<0.36	5
1,2,4-Trichlorobenzene	NA	NA	<0.37	<0.37	NA	NA	<0.37	<0.37	NA	NA	NS***	NA	<0.37	NA	NA	<0.37	5
1,2-Dibromo-3-Chloropropane	NA	NA	<0.38	<0.38	NA	NA	<0.38	<0.38	NA	NA	NS***	NA	<0.38	NA	NA	<0.38	0.04
1,2-Dichlorobenzene	NA	NA	<0.21	<0.21	NA	NA	<0.21	<0.21	NA	NA	NS***	NA	<0.21	NA	NA	<0.21	3
1,2-Dichloroethane	NA	NA	<0.43	<0.43	NA	NA	<0.43	<0.43	NA	NA	NS***	NA	<0.43	NA	NA	<0.43	0.6
1,2-Dichloropropane	NA	NA	<0.35	<0.35	NA	NA	<0.35	<0.35	NA	NA	NS***	NA	<0.35	NA	NA	<0.35	1
1,3-Dichlorobenzene	NA	NA	<0.34	<0.34	NA	NA	<0.34	<0.34	NA	NA	NS***	NA	<0.34	NA	NA	<0.34	3
1,4-Dichlorobenzene	NA	NA	<0.33	<0.33	NA	NA	<0.33	<0.33	NA	NA	NS***	NA	<0.33	NA	NA	<0.33	3
1,4-Dioxane	NA	NA	<28	<28	NA	NA	<28	<28	NA	NA	NS***	NA	<28	NA	NA	<28	*
2-Butanone (MEK)	NA	NA	<1.9	<1.9	NA	NA	<1.9	<1.9	NA	NA	NS***	NA	<1.9	NA	NA	<1.9	50
2-Hexanone	NA	NA	<1.1	<1.1	NA	NA	<1.1	<1.1	NA	NA	NS***	NA	<1.1	NA	NA	<1.1	50
4-Methyl-2-pentanone (MIBK)	NA	NA	<1.3	<1.3	NA	NA	<1.3	<1.3	NA	NA	NS***	NA	<1.3	NA	NA	<1.3	*
Acetone	NA	NA	<4.4	<4.4	NA	NA	<4.4	<4.4	NA	NA	NS***	NA	<4.4	NA	NA	<4.4	50
Benzene	NA	NA	<0.20	<0.20	NA	NA	<0.20	<0.20	NA	NA	NS***	NA	<0.20	NA	NA	<0.20	1
Bromoform	NA	NA	<0.54	<0.54	NA	NA	<0.54	<0.54	NA	NA	NS***	NA	<0.54	NA	NA	<0.54	50
Bromomethane	NA	NA	<0.55	<0.55	NA	NA	<0.55	<0.55	NA	NA	NS***	NA	<0.55	NA	NA	<0.55	5
Carbon disulfide	NA	NA	<0.82	<0.82	NA	NA	<0.82	<0.82	NA	NA	NS***	NA	<0.82	NA	NA	<0.82	*
Carbon tetrachloride	NA	NA	<0.21	<0.21	NA	NA	<0.21	<0.21	NA	NA	NS***	NA	<0.21	NA	NA	<0.21	5
Chlorobenzene	NA	NA	<0.38	<0.38	NA	NA	<0.38	<0.38	NA	NA	NS***	NA	<0.38	NA	NA	<0.38	5
Chlorobromomethane	NA	NA	<0.41	<0.41	NA	NA	<0.41	<0.41	NA	NA	NS***	NA	<0.41	NA	NA	<0.41	*
Chlorodibromomethane	NA	NA	<0.28	<0.28	NA	NA	<0.28	<0.28	NA	NA	NS***	NA	<0.28	NA	NA	<0.28	*
Chloroethane	NA	NA	<0.32	<0.32	NA	NA	<0.32	<0.32	NA	NA	NS***	NA	<0.32	NA	NA	<0.32	**
Chloroform	ND	ND	0.52 J	0.48 J	2.26	1.88	<0.33	<0.33	ND	ND	NS***	ND	0.57 J	ND	ND	0.71 J	7
Chloromethane	NA	NA	<0.40	<0.40	NA	NA	<0.40	<0.40	NA	NA	NS***	NA	<0.40	NA	NA	<0.40	5
cis-1,2-Dichloroethene	NA	NA	<0.22	<0.22	NA	NA	<0.22	<0.22	NA	NA	NS***	NA	<0.22	NA	NA	<0.22	5
cis-1,3-Dichloropropene	NA	NA	<0.22	<0.22	NA	NA	<0.22	<0.22	NA	NA	NS***	NA	<0.22	NA	NA	<0.22	5
Cyclohexane	NA	NA	<0.32	<0.32	NA	NA	<0.32	<0.32	NA	NA	NS***	NA	<0.32	NA	NA	<0.32	*
Dichlorobromomethane	NA	NA	<0.34	<0.34	NA	NA	<0.34	<0.34	NA	NA	NS***	NA	<0.34	NA	NA	<0.34	5
Dichlorodifluoromethane	NA	NA	<0.31	<0.31	NA	NA	<0.31	<0.31	NA	NA	NS***	NA	<0.31	NA	NA	<0.31	**
Ethylbenzene	NA	NA	<0.30	<0.30	NA	NA	<0.30	<0.30	NA	NA	NS***	NA	<0.30	NA	NA	<0.30	5
Ethylene Dibromide	NA	NA	<0.50	<0.50	NA	NA	<0.50	<0.50	NA	NA	NS***	NA	<0.50	NA	NA	<0.50	0.0006
Isopropylbenzene	NA	NA	<0.34	<0.34	NA	NA	<0.34	<0.34	NA	NA	NS***	NA	<0.34	NA	NA	<0.34	**
Methyl acetate	NA	NA	<0.79	<0.79	NA	NA	<0.79	<0.79	NA	NA	NS***	NA	<0.79	NA	NA	<0.79	*
Methyl tert-butyl ether	NA	NA	0.72 J	0.66 J	NA	NA	<0.22	<0.22	NA	NA	NS***	NA	0.41 J	NA	NA	<0.22	*
Methylcyclohexane	NA	NA	<0.71	<0.71	NA	NA	<0.71	<0.71	NA	NA	NS***	NA	<0.71	NA	NA	<0.71	*
Methylene Chloride	NA	NA	<0.32	<0.32	NA	NA	<0.32	<0.32	NA	NA	NS***	NA	<0.32	NA	NA	<0.32	5
m-Xylene & p-Xylene	NA	NA	<0.30	<0.30	NA	NA	<0.30	<0.30	NA	NA	NS***	NA	<0.30	NA	NA	<0.30	5
o-Xylene	NA	NA	<0.36	<0.36	NA	NA	<0.36	<0.36	NA	NA	NS***	NA	<0.36	NA	NA	<0.36	5
Styrene	NA	NA	<0.42	<0.42	NA	NA	<0.42	<0.42	NA	NA	NS***	NA	<0.42	NA	NA	<0.42	**
Tetrachloroethene	9.35	9.74	19	20	8.28	8.08	7.0	6.5	ND	ND	NS***	ND	<0.25	0.97	0.93	22	5
Toluene	NA	NA	<0.38	<0.38	NA	NA	<0.38	<0.38	NA	NA	NS***	NA	<0.38	NA	NA	<0.38	5
trans-1,2-Dichloroethene	NA	NA	<0.24	<0.24	NA	NA	<0.24	<0.24	NA	NA	NS***	NA	<0.24	NA	NA	<0.24	5
trans-1,3-Dichloropropene	NA	NA	<0.22	<0.22	NA	NA	<0.22	<0.22	NA	NA	NS***	NA	<0.22	NA	NA	<0.22	5
Trichloroethene	1.51	1.38	1.2	1.2	1.89	2.22	<0.31	<0.31	ND	ND	NS***	ND	<0.31	1.20	0.65	0.38 J	5
Trichlorofluoromethane	NA	NA	<0.32	<0.32	NA	NA	<0.32	<0.32	NA	NA	NS***	NA	<0.32	NA	NA	<0.32	5
Vinyl chloride	NA	NA	<0.17	<0.17	NA	NA	<0.17	<0.17	NA	NA	NS***	NA	<0.17	NA	NA	<0.17	2
Tentatively Identified Compounds	NA	NA	7.9 JN	7.5 JN	NA	NA	None	None	NA	NA	NS***	NA	None	NA	NA	None	

Notes:

NA - Not analyzed

ND - Not detected, MDL not available

J - Estimated concentration

* - No established standard for this compound

** - The principal organic contaminant standard for groundwater of 5 ug/L

NS*** - Well could not be sampled due to damage

N - Flag indicates presumptive evidence of a compound

< - Not detected at or above the noted Method Detection Limit

BOLD shaded values exceed NYSDEC Class GA Ambient Water Quality Standard or Guidance Value

ATTACHMENT A
SAMPLING LOGS

FPM

group _____
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: _____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road ___ East Northport, NY 11731 _____

Well No.: _____ MW-10 _____ Well Diameter: _____ 4 _____ 0.65

Date: _____ 9/8/21 _____ Start Time: _____ 1200 _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BCL/AE _____

Depth to Bottom of Well: _____ 87.5 94.1 _____ Feet.

Depth to Water: _____ 87.16 _____ Feet.

Height of Water Column: _____ 6.94 _____ Feet.

Water Volume in Casing: _____ 4.51 _____ Gallons.

Water Volume to be Purged: _____ 13.53 _____ Gallons.

Water Volume Actually Purged: _____ 14 _____ Gallons.

Purge Method: _____ Submersible pump _____

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F) C	Turbidity (NTU)
	4 2/3	6.43	61	16.05	233
	9 1/3	5.79	61	15.78	103
	14	5.75	61	15.75	38.3

DO
9.72
9.66
9.54

Sampling and Analytical Methods: _____ VOCs EUROFINS _____

Laboratory Name and Location: _____ EUROFINS - Edison, NJ _____

FPM

group

Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: _____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road _____ East Northport, NY 11731 _____

Well No.: _____ MW-10A _____ Well Diameter: _____ 4 _____ 0.65

Date: _____ 9/8/21 _____ Start Time: _____ 7130 _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BC/AE _____

Depth to Bottom of Well: _____ 128 _____ 135.08 _____ Feet.

Depth to Water: _____ 92.56 _____ Feet.

Height of Water Column: _____ 42.52 _____ Feet.

Water Volume in Casing: _____ 27.64 _____ Gallons.

Water Volume to be Purged: _____ 8291 _____ Gallons.

Water Volume Actually Purged: _____ 83 _____ Gallons.

Purge Method: _____ ~~Force~~ Submersible Pump _____

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	27.43	6.24	164	15.98	3.9
	55.13	5.94	166	15.84	Ø
	83	6.09	168	15.81	Ø

DO
9.87
9.91
9.45

Sampling and Analytical Methods: _____ UoC's _____

Laboratory Name and Location: _____ Eurofins, Edison, NJ _____

FPM

group _____
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: _____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road _____ East Northport, NY 11731 _____

Well No.: _____ MW-11B _____ Well Diameter: _____ 4 _____ 6.65

Date: _____ 9/8/21 _____ Start Time: _____ 1230 _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BCO/ME _____

Depth to Bottom of Well: _____ 240 _____ Feet.

Depth to Water: _____ 68.90 _____ Feet.

Height of Water Column: _____ 171.1 _____ Feet.

Water Volume in Casing: _____ 111.22 _____ Gallons.

Water Volume to be Purged: _____ 333.65 _____ Gallons.

Water Volume Actually Purged: _____ 334 _____ Gallons.

Purge Method: _____ Submersible Pump _____

Physical Appearance/Comments: _____ Duplicate MW-111B (1450) _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	111.13	5.76	142	17.08	0
	222.23	5.70	144	18.89	0
	334	5.74	142	17.59	0

DO
13.62
12.22
12.41

Sampling and Analytical Methods: _____ VOC's _____

Laboratory Name and Location: _____ Euro Fins, - Edison, NJ _____

FPM

group _____
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: _____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road _____ East Northport, NY 11731 _____

Well No.: _____ MW-12A _____ Well Diameter: _____ 4.2 (0.16) _____

Date: _____ 9/13/21 _____ Start Time: _____ 1315 _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BC/AE _____

Depth to Bottom of Well: _____ 110 _____ Feet.

Depth to Water: _____ 71.24 _____ Feet.

Height of Water Column: _____ 38.76 _____ Feet.

Water Volume in Casing: _____ 6.20 _____ Gallons.

Water Volume to be Purged: _____ 18.60 _____ Gallons.

Water Volume Actually Purged: _____ 19 _____ Gallons.

Purge Method: _____ Submersible Pump _____

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	6 1/3	5.16	332	16.8	802
	12 2/3	5.10	319	15.9	525
	19	4.98	307	16.5	205
	25	5.01	309	16.0	91

120 mg/L
12.92
15.28
16.82
19.64

Sampling and Analytical Methods: _____ VOC's _____

Laboratory Name and Location: _____ Ecorefin, - Edison, NJ _____

FPM

group_____

Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client:_____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road _____ East Northport, NY 11731 _____

Well No.: _____ MW-12B _____ Well Diameter: _____ 4 _____

Date: _____ 9/13/21 _____ Start Time: _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BC/AF _____

Depth to Bottom of Well: _____ 192.5 _____ Feet.

Depth to Water: _____ 71.03 _____ Feet.

Height of Water Column: _____ 121.47 _____ Feet.

Water Volume in Casing: _____ 78.96 _____ Gallons.

Water Volume to be Purged: _____ 237 _____ Gallons.

Water Volume Actually Purged: _____ 240 _____ Gallons.

Purge Method: _____ Submersible Pump _____

Physical Appearance/Comments: _____ Deep w/ MW-122B
- obstruction in well, well Bent?

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	80	5.62	230	15.59	2791
	160	5.37	231	15.54	7.1
	240	5.21	233	15.58	6.0

DO
(mg/L)
7.97
8.70
8.60

Sampling and Analytical Methods: _____ VOC's _____

Laboratory Name and Location: _____ Zetefino - Edison, NJ _____

FPM

group _____
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: _____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road _____ East Northport, NY 11731 _____

Well No.: _____ MW-14B _____ Well Diameter: _____ 4 _____

Date: _____ 9/13/21 _____ Start Time: _____ 1530 _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BC/AE _____

Depth to Bottom of Well: _____ 238.7 _____ Feet.

Depth to Water: _____ Feet.

Height of Water Column: _____ Feet.

Water Volume in Casing: _____ Gallons.

Water Volume to be Purged: _____ Gallons.

Water Volume Actually Purged: _____ Gallons.

Purge Method: _____

Physical Appearance/Comments: _____ Well Cap - Unaccessible _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)

Sampling and Analytical Methods: _____

Laboratory Name and Location: _____

FPM

group_____

Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: _____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road ___ East Northport, NY 11731 _____

Well No.: _____ MW-20 _____ Well Diameter: _____ 2 _____

Date: _____ 9/13/21 _____ Start Time: _____ 1610 _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BC/AE _____

Depth to Bottom of Well: _____ 242 _____ Feet.

Depth to Water: _____ 99.93 _____ Feet.

Height of Water Column: _____ 142.07 _____ Feet.

Water Volume in Casing: _____ 22.73 _____ Gallons.

Water Volume to be Purged: _____ 68.19 _____ Gallons.

Water Volume Actually Purged: _____ 69 _____ Gallons.

Purge Method: _____

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F) °C	Turbidity (FTU)
	23	6.69	265	19.26	566
	46	6.71	221	18.52	37.6
	69	6.74	218	17.31	18.2

DO
14.66
10.38
9.49

Sampling and Analytical Methods: _____

Laboratory Name and Location: _____

FPM

group _____
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: _____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road _____ East Northport, NY 11731 _____

Well No.: _____ MW-23A _____ Well Diameter: _____ 2 _____ 0.16

Date: _____ 9/13/21 _____ Start Time: _____ 1010 _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BC/KE _____

Depth to Bottom of Well: _____ 120 _____ Feet.

Depth to Water: _____ 69.22 _____ Feet.

Height of Water Column: _____ 50.78 _____ Feet.

Water Volume in Casing: _____ 8.12 _____ Gallons.

Water Volume to be Purged: _____ 24.37 _____ Gallons.

Water Volume Actually Purged: _____ 25 _____ Gallons.

Purge Method: _____ Submersible pump _____

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	8:13	7.22	101	16.09	8.2
	16:21/3	6.56	90	15.40	3.1
	25	6.68	89	15.33	Ø

DO
12.17
7.96
8.32

Sampling and Analytical Methods: _____ VOC's _____

Laboratory Name and Location: _____ EOR-FINS - Edison, NJ _____

FPM

group _____
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: _____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road _____ East Northport, NY 11731 _____

Well No.: _____ MW-24 _____ Well Diameter: _____ 2 _____

Date: _____ 9/13/21 _____ Start Time: _____ 1140 _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BC/KE _____

Depth to Bottom of Well: _____ 78 _____ Feet.

Depth to Water: _____ 66.96 _____ Feet.

Height of Water Column: _____ 11.04 _____ Feet.

Water Volume in Casing: _____ 1.76 _____ Gallons.

Water Volume to be Purged: _____ 5.29 _____ Gallons.

Water Volume Actually Purged: _____ 6 _____ Gallons.

Purge Method: _____ Submersible Pump _____

Physical Appearance/Comments: _____ MS/MSD _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	2	5.96	314	17.27	133
	4	5.68	289	16.71	66.7
	6	5.59	249	16.36	29.6

DO:
10.23
10.96
9.80

Sampling and Analytical Methods: _____ VOC's _____

Laboratory Name and Location: _____ Serotins - Edison, NJ _____

FPM

group _____
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: _____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road East Northport, NY 11731 _____

Well No.: _____ MW-29 ^{Substituted} w/ 11A _____ Well Diameter: _____ 2.4 _____

Date: _____ 8/8/21 9/13 _____ Start Time: _____ 1050 _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BC/KF _____

Depth to Bottom of Well: _____ 111.5 _____ Feet.

Depth to Water: _____ 69.45 ~~58.86~~ _____ Feet.

Height of Water Column: _____ 42.05 ~~42.14~~ _____ Feet.

Water Volume in Casing: _____ 27.33 ~~6.74~~ _____ Gallons.

Water Volume to be Purged: ~~2023~~ Gallons. ~~8199~~ 82

Water Volume Actually Purged: ~~21~~ Gallons. 83

Purge Method: _____ Submersible pump _____

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
27 2/3	2	6.16	59	15.32	489
55 1/3	14	6.12	59	14.76	652
83	21	5.94	64	14.88	7100

DO
10.06
9.53
6.82

Sampling and Analytical Methods: _____ VOCs _____

Laboratory Name and Location: _____ EORUTINS - Edison, NJ _____

FPM

group _____
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: _____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road _____ East Northport, NY 11731 _____

Well No.: _____ MW-32A _____ Well Diameter: _____ 2 _____

Date: _____ 9/8/21 _____ Start Time: _____ 9:20 _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BC/AE _____

Depth to Bottom of Well: _____ 120 _____ 122.18 _____ Feet.

Depth to Water: _____ 70.35 _____ Feet.

Height of Water Column: _____ 51.83 _____ Feet. .16

Water Volume in Casing: _____ 8.29 _____ Gallons.

Water Volume to be Purged: _____ 24.88 _____ Gallons.

Water Volume Actually Purged: _____ 25 _____ Gallons.

Purge Method: _____ Submersible Pump _____

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	8 1/3	6.27	105	15.38	23
	16 2/3	6.14	105	15.44	Ø
	25	5.90	106	15.31	Ø

DO
8.43
8.62
8.71

Sampling and Analytical Methods: _____ VOC's _____

Laboratory Name and Location: _____ Eurofins Edison NJ _____

FPM

group _____
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: _____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road East Northport, NY 11731 _____

Well No.: _____ MW-34A _____ Well Diameter: _____ 2 _____

Date: _____ 9/13/21 _____ Start Time: _____ 1220 _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BC/KE _____

Depth to Bottom of Well: _____ 110 _____ Feet.

Depth to Water: _____ 67.1 _____ Feet.

Height of Water Column: _____ 42.9 _____ Feet.

Water Volume in Casing: _____ 6.86 _____ Gallons.

Water Volume to be Purged: _____ 20.59 _____ Gallons.

Water Volume Actually Purged: _____ 21 _____ Gallons.

Purge Method: _____ Submersible Pump _____

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F) C	Turbidity (FTU)
	7	5.96	120	16.49	23.3
	14	5.61	123	17.01	Ø
	21	5.60	124	16.69	Ø

DO
5.59
6.79
9.68

Sampling and Analytical Methods: _____ VOC's _____

Laboratory Name and Location: _____ Ecotek - Edison, NJ _____

FPM

group _____
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: _____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road __ East Northport, NY 11731 _____

Well No.: _____ MW-34B _____ Well Diameter: _____ 2 _____

Date: _____ 9/13/21 _____ Start Time: _____ 1235 _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BC/KE _____

Depth to Bottom of Well: _____ 172 _____ Feet.

Depth to Water: _____ 67.62 _____ Feet.

Height of Water Column: _____ 104.38 _____ Feet.

Water Volume in Casing: _____ 16.70 _____ Gallons.

Water Volume to be Purged: _____ 50.1 _____ Gallons.

Water Volume Actually Purged: _____ 51 _____ Gallons.

Purge Method: _____ Submersible Pump _____

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	17	5.75	163	17.39	5.3
	34	5.70	171	17.25	8
	51	5.78	173	17.03	Ø

DO
9.68
11.47
9.59

Sampling and Analytical Methods: _____ UO's _____

Laboratory Name and Location: _____ E-Notins - Edison, NJ _____

FPM

group _____
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: _____ EB 65 Daly Road/Site Management

Project No.: _____ 977-21-102 _____

Location: _____ 65 Daly Road _____ East Northport, NY 11731 _____

Well No.: _____ MW-35A _____ Well Diameter: _____ 2 _____

Date: _____ 9/8/21 _____ Start Time: _____ 1025 _____

Weather: _____ Sunny _____ Finish Time: _____

Sampled By: _____ BC/AE _____

Depth to Bottom of Well: _____ 130 132.35 _____ Feet.

Depth to Water: _____ 85.34 _____ Feet.

Height of Water Column: _____ 47.01 _____ Feet.

Water Volume in Casing: _____ 7.52 _____ Gallons.

Water Volume to be Purged: _____ 22.56 _____ Gallons.

Water Volume Actually Purged: _____ 23 _____ Gallons.

Purge Method: _____ submersible pump _____

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F) C	Turbidity (FTU)
	72/3	5.87	106	16.70	32.1
	151/3	5.49	181	16.23	26.6
	23	5.57	158	15.93	Ø

DO
~~10.81~~
10.81
~~11.22~~
1.78
11.22

Sampling and Analytical Methods: _____ VOCs _____

Laboratory Name and Location: _____ Euro Labs, Edison NJ _____

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

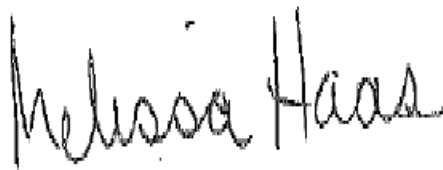
Job Number: 460-242808-1

Job Description: Deutsch Relays, Inc.-65 Daly Rd.

For:

FPM Group Limited
640 Johnson Avenue
Suite 101
Bohemia, NY 11716

Attention: Ms. Stephanie Davis



Approved for release.
Melissa Haas
Senior Project Manager
9/20/2021 5:37 PM

Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@Eurofinset.com
09/20/2021

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

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LA000132

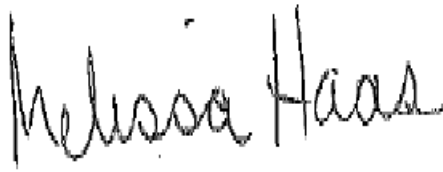
The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Job Number: 460-242808-1

Job Description: Deutsch Relays, Inc.-65 Daly Rd.

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.

A handwritten signature in black ink that reads "Melissa Haas". The signature is written in a cursive style with a horizontal line underneath it.

Approved for release.
Melissa Haas
Senior Project Manager
9/20/2021 5:37 PM

Melissa Haas

Table of Contents

Cover Title Page	1
Data Summaries	5
Report Narrative	5
Sample Summary	6
Detection Summary	7
Method Summary	10
Client Sample Results	11
Surrogate Summary	35
QC Sample Results	36
Definitions	42
QC Association	43
Chronicle	44
Certification Summary	47
Organic Sample Data	48
GC/MS VOA	48
8260D	48
8260D QC Summary	49
8260D Sample Data	62
Standards Data	242
8260D ICAL Data	242
8260D CCAL Data	547
Raw QC Data	588
8260D Tune Data	588
8260D Blank Data	592
8260D LCS/LCSD Data	598
8260D MS/MSD Data	608

Table of Contents

8260D Run Logs	629
8260D Prep Data	631
Shipping and Receiving Documents	636
Client Chain of Custody	637
Sample Receipt Checklist	640

CASE NARRATIVE

Client: FPM Group Limited

Project: Deutsch Relays, Inc.-65 Daly Rd.

Report Number: 460-242808-1

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

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

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

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

RECEIPT

The samples were received on 09/14/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.1 C.

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

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples MW-32A (460-242808-1), MW-35A (460-242808-2), MW-10A (460-242808-3), MW-10 (460-242808-4), MW-11B (460-242808-5), MW-111B (460-242808-6), TripBlank (460-242808-7), FB0908 (460-242808-8), MW-23A (460-242808-9), MW-11A (460-242808-10), MW-24 (460-242808-11), MW-34A (460-242808-12), MW-34B (460-242808-13), MW-12A (460-242808-14), MW-12B (460-242808-15), MW-122B (460-242808-16), MW-20 (460-242808-17) and FB0913 (460-242808-18) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 09/18/2021.

The continuing calibration verification (CCV) associated with batch 460-801985 recovered above the upper control limit for Bromoform and Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

2-Hexanone failed the recovery criteria low for the MS of sample MW-24MS (460-242808-11) in batch 460-801985.

2-Hexanone failed the recovery criteria low for the MSD of sample MW-24MSD (460-242808-11) in batch 460-801985.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-242808-1	MW-32A	Water	09/08/21 09:20	09/14/21 19:00
460-242808-2	MW-35A	Water	09/08/21 10:25	09/14/21 19:00
460-242808-3	MW-10A	Water	09/08/21 11:30	09/14/21 19:00
460-242808-4	MW-10	Water	09/08/21 12:00	09/14/21 19:00
460-242808-5	MW-11B	Water	09/08/21 12:30	09/14/21 19:00
460-242808-6	MW-111B	Water	09/08/21 14:50	09/14/21 19:00
460-242808-7	TripBlank	Water	09/08/21 15:00	09/14/21 19:00
460-242808-8	FB0908	Water	09/08/21 15:10	09/14/21 19:00
460-242808-9	MW-23A	Water	09/13/21 10:10	09/14/21 19:00
460-242808-10	MW-11A	Water	09/13/21 10:50	09/14/21 19:00
460-242808-11	MW-24	Water	09/13/21 11:40	09/14/21 19:00
460-242808-12	MW-34A	Water	09/13/21 12:20	09/14/21 19:00
460-242808-13	MW-34B	Water	09/13/21 12:35	09/14/21 19:00
460-242808-14	MW-12A	Water	09/13/21 13:15	09/14/21 19:00
460-242808-15	MW-12B	Water	09/13/21 14:00	09/14/21 19:00
460-242808-16	MW-122B	Water	09/13/21 14:45	09/14/21 19:00
460-242808-17	MW-20	Water	09/13/21 16:10	09/14/21 19:00
460-242808-18	FB0913	Water	09/13/21 15:00	09/14/21 19:00

Detection Summary

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-32A

Lab Sample ID: 460-242808-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	71		1.0	0.31	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.68	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.3		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.61	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-35A

Lab Sample ID: 460-242808-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2		1.0	0.31	ug/L	1		8260D	Total/NA
Chlorodibromomethane	0.36	J	1.0	0.28	ug/L	1		8260D	Total/NA
Chloroform	1.4		1.0	0.33	ug/L	1		8260D	Total/NA
Dichlorobromomethane	0.38	J	1.0	0.34	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.60	J	1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.43	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-10A

Lab Sample ID: 460-242808-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	21		1.0	0.31	ug/L	1		8260D	Total/NA
Chloroform	0.36	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	100		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: MW-10

Lab Sample ID: 460-242808-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	5.2		1.0	0.31	ug/L	1		8260D	Total/NA
Tetrachloroethene	8.2		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: MW-11B

Lab Sample ID: 460-242808-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	16		1.0	0.31	ug/L	1		8260D	Total/NA
Chloroform	0.52	J	1.0	0.33	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.72	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	19		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	1.2		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-111B

Lab Sample ID: 460-242808-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	15		1.0	0.31	ug/L	1		8260D	Total/NA
Chloroform	0.48	J	1.0	0.33	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.66	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	20		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	1.2		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: TripBlank

Lab Sample ID: 460-242808-7

No Detections.

Client Sample ID: FB0908

Lab Sample ID: 460-242808-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.81	J	1.0	0.32	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Detection Summary

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-23A

Lab Sample ID: 460-242808-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	42		1.0	0.31	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.35	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.3		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.48	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-11A

Lab Sample ID: 460-242808-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	2.8		1.0	0.31	ug/L	1		8260D	Total/NA
Chloroform	0.45	J	1.0	0.33	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.31	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.6		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	1.0		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-24

Lab Sample ID: 460-242808-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	2.4		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-34A

Lab Sample ID: 460-242808-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	0.56	J	1.0	0.31	ug/L	1		8260D	Total/NA
Chloroform	1.2		1.0	0.33	ug/L	1		8260D	Total/NA
Toluene	1.3		1.0	0.38	ug/L	1		8260D	Total/NA

Client Sample ID: MW-34B

Lab Sample ID: 460-242808-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	14		1.0	0.31	ug/L	1		8260D	Total/NA
Chloroform	0.71	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	22		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.38	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-12A

Lab Sample ID: 460-242808-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	1.1		1.0	0.31	ug/L	1		8260D	Total/NA
Chloroform	0.98	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	4.7		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: MW-12B

Lab Sample ID: 460-242808-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	7.0		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: MW-122B

Lab Sample ID: 460-242808-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.5		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: MW-20

Lab Sample ID: 460-242808-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.57	J	1.0	0.33	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Detection Summary

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-20 (Continued)

Lab Sample ID: 460-242808-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.41	J	1.0	0.22	ug/L	1			8260D	Total/NA

Client Sample ID: FB0913

Lab Sample ID: 460-242808-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Methylene Chloride	0.89	J	1.0	0.32	ug/L	1			8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Method Summary

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Method	Method Description	Protocol	Laboratory
8260D	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 = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-32A

Lab Sample ID: 460-242808-1

Date Collected: 09/08/21 09:20

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 12:51	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 12:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	71		1.0	0.31	ug/L			09/18/21 12:51	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 12:51	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 12:51	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 12:51	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 12:51	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 12:51	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 12:51	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 12:51	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 12:51	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 12:51	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 12:51	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 12:51	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 12:51	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 12:51	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 12:51	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 12:51	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 12:51	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 12:51	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 12:51	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 12:51	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 12:51	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 12:51	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 12:51	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 12:51	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 12:51	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 12:51	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/18/21 12:51	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 12:51	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 12:51	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 12:51	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 12:51	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 12:51	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 12:51	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 12:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 12:51	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 12:51	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 12:51	1
Methyl tert-butyl ether	0.68	J	1.0	0.22	ug/L			09/18/21 12:51	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 12:51	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 12:51	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 12:51	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 12:51	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 12:51	1
Tetrachloroethene	2.3		1.0	0.25	ug/L			09/18/21 12:51	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 12:51	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 12:51	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 12:51	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-32A

Lab Sample ID: 460-242808-1

Date Collected: 09/08/21 09:20

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.61	J	1.0	0.31	ug/L			09/18/21 12:51	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 12:51	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 12:51	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 123		09/18/21 12:51	1
4-Bromofluorobenzene	97		76 - 120		09/18/21 12:51	1
Dibromofluoromethane (Surr)	101		77 - 124		09/18/21 12:51	1
Toluene-d8 (Surr)	103		80 - 120		09/18/21 12:51	1

Client Sample ID: MW-35A

Lab Sample ID: 460-242808-2

Date Collected: 09/08/21 10:25

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 13:11	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 13:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2		1.0	0.31	ug/L			09/18/21 13:11	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 13:11	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 13:11	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 13:11	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 13:11	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 13:11	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 13:11	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 13:11	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 13:11	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 13:11	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 13:11	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 13:11	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 13:11	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 13:11	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 13:11	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 13:11	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 13:11	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 13:11	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 13:11	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 13:11	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 13:11	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 13:11	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 13:11	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 13:11	1
Chlorodibromomethane	0.36	J	1.0	0.28	ug/L			09/18/21 13:11	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 13:11	1
Chloroform	1.4		1.0	0.33	ug/L			09/18/21 13:11	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 13:11	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 13:11	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-35A

Lab Sample ID: 460-242808-2

Date Collected: 09/08/21 10:25

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 13:11	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 13:11	1
Dichlorobromomethane	0.38	J	1.0	0.34	ug/L			09/18/21 13:11	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 13:11	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 13:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 13:11	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 13:11	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 13:11	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			09/18/21 13:11	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 13:11	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 13:11	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 13:11	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 13:11	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 13:11	1
Tetrachloroethene	0.60	J	1.0	0.25	ug/L			09/18/21 13:11	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 13:11	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 13:11	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 13:11	1
Trichloroethene	0.43	J	1.0	0.31	ug/L			09/18/21 13:11	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 13:11	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 13:11	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 123		09/18/21 13:11	1
4-Bromofluorobenzene	97		76 - 120		09/18/21 13:11	1
Dibromofluoromethane (Surr)	100		77 - 124		09/18/21 13:11	1
Toluene-d8 (Surr)	103		80 - 120		09/18/21 13:11	1

Client Sample ID: MW-10A

Lab Sample ID: 460-242808-3

Date Collected: 09/08/21 11:30

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 13:32	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 13:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	21		1.0	0.31	ug/L			09/18/21 13:32	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 13:32	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 13:32	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 13:32	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 13:32	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 13:32	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 13:32	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 13:32	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 13:32	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 13:32	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 13:32	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-10A

Lab Sample ID: 460-242808-3

Date Collected: 09/08/21 11:30

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 13:32	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 13:32	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 13:32	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 13:32	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 13:32	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 13:32	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 13:32	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 13:32	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 13:32	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 13:32	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 13:32	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 13:32	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 13:32	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 13:32	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 13:32	1
Chloroform	0.36	J	1.0	0.33	ug/L			09/18/21 13:32	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 13:32	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 13:32	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 13:32	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 13:32	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 13:32	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 13:32	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 13:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 13:32	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 13:32	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 13:32	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			09/18/21 13:32	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 13:32	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 13:32	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 13:32	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 13:32	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 13:32	1
Tetrachloroethene	100		1.0	0.25	ug/L			09/18/21 13:32	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 13:32	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 13:32	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 13:32	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/18/21 13:32	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 13:32	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 13:32	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 13:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 123		09/18/21 13:32	1
4-Bromofluorobenzene	95		76 - 120		09/18/21 13:32	1
Dibromofluoromethane (Surr)	100		77 - 124		09/18/21 13:32	1
Toluene-d8 (Surr)	105		80 - 120		09/18/21 13:32	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-10

Lab Sample ID: 460-242808-4

Date Collected: 09/08/21 12:00

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 13:53	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 13:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.2		1.0	0.31	ug/L			09/18/21 13:53	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 13:53	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 13:53	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 13:53	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 13:53	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 13:53	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 13:53	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 13:53	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 13:53	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 13:53	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 13:53	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 13:53	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 13:53	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 13:53	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 13:53	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 13:53	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 13:53	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 13:53	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 13:53	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 13:53	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 13:53	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 13:53	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 13:53	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 13:53	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 13:53	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 13:53	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/18/21 13:53	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 13:53	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 13:53	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 13:53	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 13:53	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 13:53	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 13:53	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 13:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 13:53	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 13:53	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 13:53	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			09/18/21 13:53	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 13:53	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 13:53	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 13:53	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 13:53	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 13:53	1
Tetrachloroethene	8.2		1.0	0.25	ug/L			09/18/21 13:53	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 13:53	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 13:53	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 13:53	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-10

Lab Sample ID: 460-242808-4

Date Collected: 09/08/21 12:00

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/18/21 13:53	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 13:53	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 13:53	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 123		09/18/21 13:53	1
4-Bromofluorobenzene	96		76 - 120		09/18/21 13:53	1
Dibromofluoromethane (Surr)	100		77 - 124		09/18/21 13:53	1
Toluene-d8 (Surr)	104		80 - 120		09/18/21 13:53	1

Client Sample ID: MW-11B

Lab Sample ID: 460-242808-5

Date Collected: 09/08/21 12:30

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 14:13	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 14:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	16		1.0	0.31	ug/L			09/18/21 14:13	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 14:13	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 14:13	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 14:13	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 14:13	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 14:13	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 14:13	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 14:13	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 14:13	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 14:13	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 14:13	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 14:13	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 14:13	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 14:13	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 14:13	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 14:13	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 14:13	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 14:13	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 14:13	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 14:13	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 14:13	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 14:13	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 14:13	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 14:13	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 14:13	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 14:13	1
Chloroform	0.52	J	1.0	0.33	ug/L			09/18/21 14:13	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 14:13	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 14:13	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-11B

Lab Sample ID: 460-242808-5

Date Collected: 09/08/21 12:30

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 14:13	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 14:13	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 14:13	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 14:13	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 14:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 14:13	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 14:13	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 14:13	1
Methyl tert-butyl ether	0.72	J	1.0	0.22	ug/L			09/18/21 14:13	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 14:13	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 14:13	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 14:13	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 14:13	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 14:13	1
Tetrachloroethene	19		1.0	0.25	ug/L			09/18/21 14:13	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 14:13	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 14:13	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 14:13	1
Trichloroethene	1.2		1.0	0.31	ug/L			09/18/21 14:13	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 14:13	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 14:13	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Difluorochloromethane	7.9	J N	ug/L		1.24	75-45-6		09/18/21 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 123		09/18/21 14:13	1
4-Bromofluorobenzene	96		76 - 120		09/18/21 14:13	1
Dibromofluoromethane (Surr)	102		77 - 124		09/18/21 14:13	1
Toluene-d8 (Surr)	102		80 - 120		09/18/21 14:13	1

Client Sample ID: MW-111B

Lab Sample ID: 460-242808-6

Date Collected: 09/08/21 14:50

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 14:34	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 14:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	15		1.0	0.31	ug/L			09/18/21 14:34	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 14:34	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 14:34	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 14:34	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 14:34	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 14:34	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 14:34	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 14:34	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 14:34	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 14:34	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 14:34	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-111B

Lab Sample ID: 460-242808-6

Date Collected: 09/08/21 14:50

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 14:34	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 14:34	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 14:34	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 14:34	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 14:34	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 14:34	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 14:34	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 14:34	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 14:34	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 14:34	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 14:34	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 14:34	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 14:34	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 14:34	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 14:34	1
Chloroform	0.48	J	1.0	0.33	ug/L			09/18/21 14:34	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 14:34	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 14:34	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 14:34	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 14:34	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 14:34	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 14:34	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 14:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 14:34	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 14:34	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 14:34	1
Methyl tert-butyl ether	0.66	J	1.0	0.22	ug/L			09/18/21 14:34	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 14:34	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 14:34	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 14:34	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 14:34	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 14:34	1
Tetrachloroethene	20		1.0	0.25	ug/L			09/18/21 14:34	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 14:34	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 14:34	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 14:34	1
Trichloroethene	1.2		1.0	0.31	ug/L			09/18/21 14:34	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 14:34	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 14:34	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Difluorochloromethane	7.5	J N	ug/L		1.24	75-45-6		09/18/21 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 123		09/18/21 14:34	1
4-Bromofluorobenzene	96		76 - 120		09/18/21 14:34	1
Dibromofluoromethane (Surr)	99		77 - 124		09/18/21 14:34	1
Toluene-d8 (Surr)	102		80 - 120		09/18/21 14:34	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: TripBlank

Lab Sample ID: 460-242808-7

Date Collected: 09/08/21 15:00

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 11:28	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 11:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/18/21 11:28	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 11:28	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 11:28	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 11:28	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 11:28	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 11:28	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 11:28	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 11:28	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 11:28	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 11:28	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 11:28	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 11:28	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 11:28	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 11:28	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 11:28	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 11:28	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 11:28	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 11:28	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 11:28	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 11:28	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 11:28	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 11:28	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 11:28	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 11:28	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 11:28	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 11:28	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/18/21 11:28	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 11:28	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 11:28	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 11:28	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 11:28	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 11:28	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 11:28	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 11:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 11:28	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 11:28	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 11:28	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			09/18/21 11:28	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 11:28	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 11:28	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 11:28	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 11:28	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 11:28	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/18/21 11:28	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 11:28	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 11:28	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 11:28	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: TripBlank

Lab Sample ID: 460-242808-7

Date Collected: 09/08/21 15:00

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/18/21 11:28	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 11:28	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 11:28	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 11:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 123		09/18/21 11:28	1
4-Bromofluorobenzene	94		76 - 120		09/18/21 11:28	1
Dibromofluoromethane (Surr)	100		77 - 124		09/18/21 11:28	1
Toluene-d8 (Surr)	106		80 - 120		09/18/21 11:28	1

Client Sample ID: FB0908

Lab Sample ID: 460-242808-8

Date Collected: 09/08/21 15:10

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 11:49	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 11:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/18/21 11:49	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 11:49	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 11:49	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 11:49	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 11:49	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 11:49	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 11:49	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 11:49	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 11:49	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 11:49	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 11:49	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 11:49	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 11:49	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 11:49	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 11:49	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 11:49	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 11:49	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 11:49	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 11:49	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 11:49	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 11:49	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 11:49	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 11:49	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 11:49	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 11:49	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 11:49	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/18/21 11:49	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 11:49	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 11:49	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: FB0908

Lab Sample ID: 460-242808-8

Date Collected: 09/08/21 15:10

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 11:49	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 11:49	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 11:49	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 11:49	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 11:49	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 11:49	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 11:49	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 11:49	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			09/18/21 11:49	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 11:49	1
Methylene Chloride	0.81	J	1.0	0.32	ug/L			09/18/21 11:49	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 11:49	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 11:49	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 11:49	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/18/21 11:49	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 11:49	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 11:49	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 11:49	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/18/21 11:49	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 11:49	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 11:49	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 123		09/18/21 11:49	1
4-Bromofluorobenzene	97		76 - 120		09/18/21 11:49	1
Dibromofluoromethane (Surr)	98		77 - 124		09/18/21 11:49	1
Toluene-d8 (Surr)	105		80 - 120		09/18/21 11:49	1

Client Sample ID: MW-23A

Lab Sample ID: 460-242808-9

Date Collected: 09/13/21 10:10

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 14:54	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 14:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	42		1.0	0.31	ug/L			09/18/21 14:54	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 14:54	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 14:54	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 14:54	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 14:54	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 14:54	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 14:54	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 14:54	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 14:54	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 14:54	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 14:54	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-23A

Lab Sample ID: 460-242808-9

Date Collected: 09/13/21 10:10

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 14:54	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 14:54	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 14:54	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 14:54	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 14:54	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 14:54	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 14:54	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 14:54	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 14:54	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 14:54	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 14:54	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 14:54	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 14:54	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 14:54	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 14:54	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/18/21 14:54	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 14:54	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 14:54	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 14:54	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 14:54	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 14:54	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 14:54	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 14:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 14:54	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 14:54	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 14:54	1
Methyl tert-butyl ether	0.35	J	1.0	0.22	ug/L			09/18/21 14:54	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 14:54	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 14:54	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 14:54	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 14:54	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 14:54	1
Tetrachloroethene	1.3		1.0	0.25	ug/L			09/18/21 14:54	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 14:54	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 14:54	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 14:54	1
Trichloroethene	0.48	J	1.0	0.31	ug/L			09/18/21 14:54	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 14:54	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 14:54	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Difluorochloromethane	8.2	J N	ug/L		1.25	75-45-6		09/18/21 14:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 123		09/18/21 14:54	1
4-Bromofluorobenzene	95		76 - 120		09/18/21 14:54	1
Dibromofluoromethane (Surr)	101		77 - 124		09/18/21 14:54	1
Toluene-d8 (Surr)	104		80 - 120		09/18/21 14:54	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-11A

Lab Sample ID: 460-242808-10

Date Collected: 09/13/21 10:50

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 15:15	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 15:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	2.8		1.0	0.31	ug/L			09/18/21 15:15	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 15:15	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 15:15	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 15:15	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 15:15	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 15:15	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 15:15	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 15:15	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 15:15	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 15:15	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 15:15	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 15:15	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 15:15	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 15:15	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 15:15	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 15:15	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 15:15	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 15:15	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 15:15	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 15:15	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 15:15	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 15:15	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 15:15	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 15:15	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 15:15	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 15:15	1
Chloroform	0.45	J	1.0	0.33	ug/L			09/18/21 15:15	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 15:15	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 15:15	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 15:15	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 15:15	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 15:15	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 15:15	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 15:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 15:15	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 15:15	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 15:15	1
Methyl tert-butyl ether	0.31	J	1.0	0.22	ug/L			09/18/21 15:15	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 15:15	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 15:15	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 15:15	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 15:15	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 15:15	1
Tetrachloroethene	1.6		1.0	0.25	ug/L			09/18/21 15:15	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 15:15	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 15:15	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 15:15	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-11A

Lab Sample ID: 460-242808-10

Date Collected: 09/13/21 10:50

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0		1.0	0.31	ug/L			09/18/21 15:15	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 15:15	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 15:15	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 123		09/18/21 15:15	1
4-Bromofluorobenzene	96		76 - 120		09/18/21 15:15	1
Dibromofluoromethane (Surr)	103		77 - 124		09/18/21 15:15	1
Toluene-d8 (Surr)	102		80 - 120		09/18/21 15:15	1

Client Sample ID: MW-24

Lab Sample ID: 460-242808-11

Date Collected: 09/13/21 11:40

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 12:30	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 12:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	2.4		1.0	0.31	ug/L			09/18/21 12:30	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 12:30	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 12:30	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 12:30	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 12:30	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 12:30	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 12:30	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 12:30	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 12:30	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 12:30	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 12:30	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 12:30	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 12:30	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 12:30	1
2-Hexanone	1.1	U F1	5.0	1.1	ug/L			09/18/21 12:30	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 12:30	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 12:30	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 12:30	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 12:30	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 12:30	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 12:30	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 12:30	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 12:30	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 12:30	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 12:30	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 12:30	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/18/21 12:30	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 12:30	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 12:30	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-24

Lab Sample ID: 460-242808-11

Date Collected: 09/13/21 11:40

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 12:30	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 12:30	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 12:30	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 12:30	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 12:30	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 12:30	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 12:30	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 12:30	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			09/18/21 12:30	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 12:30	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 12:30	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 12:30	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 12:30	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 12:30	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/18/21 12:30	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 12:30	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 12:30	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 12:30	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/18/21 12:30	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 12:30	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 12:30	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 123		09/18/21 12:30	1
4-Bromofluorobenzene	96		76 - 120		09/18/21 12:30	1
Dibromofluoromethane (Surr)	101		77 - 124		09/18/21 12:30	1
Toluene-d8 (Surr)	104		80 - 120		09/18/21 12:30	1

Client Sample ID: MW-34A

Lab Sample ID: 460-242808-12

Date Collected: 09/13/21 12:20

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 15:36	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 15:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.56	J	1.0	0.31	ug/L			09/18/21 15:36	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 15:36	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 15:36	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 15:36	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 15:36	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 15:36	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 15:36	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 15:36	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 15:36	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 15:36	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 15:36	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-34A

Lab Sample ID: 460-242808-12

Date Collected: 09/13/21 12:20

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 15:36	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 15:36	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 15:36	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 15:36	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 15:36	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 15:36	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 15:36	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 15:36	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 15:36	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 15:36	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 15:36	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 15:36	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 15:36	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 15:36	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 15:36	1
Chloroform	1.2		1.0	0.33	ug/L			09/18/21 15:36	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 15:36	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 15:36	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 15:36	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 15:36	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 15:36	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 15:36	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 15:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 15:36	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 15:36	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 15:36	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			09/18/21 15:36	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 15:36	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 15:36	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 15:36	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 15:36	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 15:36	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/18/21 15:36	1
Toluene	1.3		1.0	0.38	ug/L			09/18/21 15:36	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 15:36	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 15:36	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/18/21 15:36	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 15:36	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 15:36	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 123		09/18/21 15:36	1
4-Bromofluorobenzene	98		76 - 120		09/18/21 15:36	1
Dibromofluoromethane (Surr)	103		77 - 124		09/18/21 15:36	1
Toluene-d8 (Surr)	104		80 - 120		09/18/21 15:36	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-34B

Lab Sample ID: 460-242808-13

Date Collected: 09/13/21 12:35

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 15:56	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 15:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	14		1.0	0.31	ug/L			09/18/21 15:56	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 15:56	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 15:56	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 15:56	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 15:56	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 15:56	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 15:56	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 15:56	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 15:56	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 15:56	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 15:56	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 15:56	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 15:56	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 15:56	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 15:56	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 15:56	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 15:56	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 15:56	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 15:56	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 15:56	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 15:56	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 15:56	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 15:56	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 15:56	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 15:56	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 15:56	1
Chloroform	0.71	J	1.0	0.33	ug/L			09/18/21 15:56	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 15:56	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 15:56	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 15:56	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 15:56	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 15:56	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 15:56	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 15:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 15:56	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 15:56	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 15:56	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			09/18/21 15:56	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 15:56	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 15:56	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 15:56	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 15:56	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 15:56	1
Tetrachloroethene	22		1.0	0.25	ug/L			09/18/21 15:56	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 15:56	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 15:56	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 15:56	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-34B

Lab Sample ID: 460-242808-13

Date Collected: 09/13/21 12:35

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.38	J	1.0	0.31	ug/L			09/18/21 15:56	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 15:56	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 15:56	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 123		09/18/21 15:56	1
4-Bromofluorobenzene	96		76 - 120		09/18/21 15:56	1
Dibromofluoromethane (Surr)	102		77 - 124		09/18/21 15:56	1
Toluene-d8 (Surr)	103		80 - 120		09/18/21 15:56	1

Client Sample ID: MW-12A

Lab Sample ID: 460-242808-14

Date Collected: 09/13/21 13:15

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 16:17	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 16:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.1		1.0	0.31	ug/L			09/18/21 16:17	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 16:17	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 16:17	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 16:17	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 16:17	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 16:17	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 16:17	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 16:17	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 16:17	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 16:17	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 16:17	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 16:17	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 16:17	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 16:17	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 16:17	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 16:17	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 16:17	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 16:17	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 16:17	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 16:17	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 16:17	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 16:17	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 16:17	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 16:17	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 16:17	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 16:17	1
Chloroform	0.98	J	1.0	0.33	ug/L			09/18/21 16:17	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 16:17	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 16:17	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-12A

Lab Sample ID: 460-242808-14

Date Collected: 09/13/21 13:15

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 16:17	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 16:17	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 16:17	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 16:17	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 16:17	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 16:17	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 16:17	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 16:17	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			09/18/21 16:17	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 16:17	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 16:17	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 16:17	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 16:17	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 16:17	1
Tetrachloroethene	4.7		1.0	0.25	ug/L			09/18/21 16:17	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 16:17	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 16:17	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 16:17	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/18/21 16:17	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 16:17	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 16:17	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 123		09/18/21 16:17	1
4-Bromofluorobenzene	97		76 - 120		09/18/21 16:17	1
Dibromofluoromethane (Surr)	101		77 - 124		09/18/21 16:17	1
Toluene-d8 (Surr)	102		80 - 120		09/18/21 16:17	1

Client Sample ID: MW-12B

Lab Sample ID: 460-242808-15

Date Collected: 09/13/21 14:00

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 16:37	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 16:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/18/21 16:37	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 16:37	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 16:37	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 16:37	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 16:37	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 16:37	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 16:37	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 16:37	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 16:37	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 16:37	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 16:37	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-12B

Lab Sample ID: 460-242808-15

Date Collected: 09/13/21 14:00

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 16:37	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 16:37	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 16:37	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 16:37	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 16:37	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 16:37	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 16:37	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 16:37	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 16:37	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 16:37	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 16:37	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 16:37	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 16:37	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 16:37	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 16:37	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/18/21 16:37	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 16:37	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 16:37	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 16:37	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 16:37	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 16:37	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 16:37	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 16:37	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 16:37	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 16:37	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 16:37	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			09/18/21 16:37	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 16:37	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 16:37	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 16:37	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 16:37	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 16:37	1
Tetrachloroethene	7.0		1.0	0.25	ug/L			09/18/21 16:37	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 16:37	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 16:37	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 16:37	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/18/21 16:37	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 16:37	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 16:37	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 123		09/18/21 16:37	1
4-Bromofluorobenzene	95		76 - 120		09/18/21 16:37	1
Dibromofluoromethane (Surr)	103		77 - 124		09/18/21 16:37	1
Toluene-d8 (Surr)	101		80 - 120		09/18/21 16:37	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-122B

Lab Sample ID: 460-242808-16

Date Collected: 09/13/21 14:45

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 16:58	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 16:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/18/21 16:58	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 16:58	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 16:58	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 16:58	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 16:58	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 16:58	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 16:58	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 16:58	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 16:58	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 16:58	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 16:58	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 16:58	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 16:58	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 16:58	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 16:58	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 16:58	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 16:58	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 16:58	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 16:58	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 16:58	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 16:58	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 16:58	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 16:58	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 16:58	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 16:58	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 16:58	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/18/21 16:58	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 16:58	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 16:58	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 16:58	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 16:58	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 16:58	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 16:58	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 16:58	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 16:58	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 16:58	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 16:58	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			09/18/21 16:58	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 16:58	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 16:58	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 16:58	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 16:58	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 16:58	1
Tetrachloroethene	6.5		1.0	0.25	ug/L			09/18/21 16:58	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 16:58	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 16:58	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 16:58	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-122B

Lab Sample ID: 460-242808-16

Date Collected: 09/13/21 14:45

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/18/21 16:58	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 16:58	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 16:58	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 123		09/18/21 16:58	1
4-Bromofluorobenzene	96		76 - 120		09/18/21 16:58	1
Dibromofluoromethane (Surr)	103		77 - 124		09/18/21 16:58	1
Toluene-d8 (Surr)	102		80 - 120		09/18/21 16:58	1

Client Sample ID: MW-20

Lab Sample ID: 460-242808-17

Date Collected: 09/13/21 16:10

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 17:18	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 17:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/18/21 17:18	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 17:18	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 17:18	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 17:18	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 17:18	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 17:18	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 17:18	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 17:18	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 17:18	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 17:18	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 17:18	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 17:18	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 17:18	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 17:18	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 17:18	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 17:18	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 17:18	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 17:18	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 17:18	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 17:18	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 17:18	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 17:18	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 17:18	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 17:18	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 17:18	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 17:18	1
Chloroform	0.57	J	1.0	0.33	ug/L			09/18/21 17:18	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 17:18	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 17:18	1

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-20

Lab Sample ID: 460-242808-17

Date Collected: 09/13/21 16:10

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 17:18	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 17:18	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 17:18	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 17:18	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 17:18	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 17:18	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 17:18	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 17:18	1
Methyl tert-butyl ether	0.41	J	1.0	0.22	ug/L			09/18/21 17:18	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 17:18	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 17:18	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 17:18	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 17:18	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 17:18	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/18/21 17:18	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 17:18	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 17:18	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 17:18	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/18/21 17:18	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 17:18	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 17:18	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 123		09/18/21 17:18	1
4-Bromofluorobenzene	100		76 - 120		09/18/21 17:18	1
Dibromofluoromethane (Surr)	103		77 - 124		09/18/21 17:18	1
Toluene-d8 (Surr)	103		80 - 120		09/18/21 17:18	1

Client Sample ID: FB0913

Lab Sample ID: 460-242808-18

Date Collected: 09/13/21 15:00

Matrix: Water

Date Received: 09/14/21 19:00

Method: 8260D - 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			09/18/21 12:09	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 12:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/18/21 12:09	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 12:09	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 12:09	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 12:09	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 12:09	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 12:09	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 12:09	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 12:09	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 12:09	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 12:09	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 12:09	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: FB0913

Lab Sample ID: 460-242808-18

Date Collected: 09/13/21 15:00

Matrix: Water

Date Received: 09/14/21 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 12:09	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 12:09	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 12:09	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 12:09	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 12:09	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 12:09	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 12:09	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 12:09	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 12:09	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 12:09	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 12:09	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 12:09	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 12:09	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 12:09	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 12:09	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/18/21 12:09	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 12:09	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 12:09	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 12:09	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 12:09	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 12:09	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 12:09	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 12:09	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 12:09	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 12:09	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 12:09	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			09/18/21 12:09	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 12:09	1
Methylene Chloride	0.89	J	1.0	0.32	ug/L			09/18/21 12:09	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 12:09	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 12:09	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 12:09	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/18/21 12:09	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 12:09	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 12:09	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 12:09	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/18/21 12:09	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 12:09	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 12:09	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 123		09/18/21 12:09	1
4-Bromofluorobenzene	96		76 - 120		09/18/21 12:09	1
Dibromofluoromethane (Surr)	101		77 - 124		09/18/21 12:09	1
Toluene-d8 (Surr)	103		80 - 120		09/18/21 12:09	1

Surrogate Summary

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-123)	BFB (76-120)	DBFM (77-124)	TOL (80-120)
460-242808-1	MW-32A	100	97	101	103
460-242808-2	MW-35A	99	97	100	103
460-242808-3	MW-10A	101	95	100	105
460-242808-4	MW-10	99	96	100	104
460-242808-5	MW-11B	101	96	102	102
460-242808-6	MW-111B	100	96	99	102
460-242808-7	TripBlank	100	94	100	106
460-242808-8	FB0908	100	97	98	105
460-242808-9	MW-23A	101	95	101	104
460-242808-10	MW-11A	100	96	103	102
460-242808-11	MW-24	101	96	101	104
460-242808-11 MS	MW-24	103	98	99	103
460-242808-11 MSD	MW-24	102	97	99	103
460-242808-12	MW-34A	101	98	103	104
460-242808-13	MW-34B	101	96	102	103
460-242808-14	MW-12A	100	97	101	102
460-242808-15	MW-12B	100	95	103	101
460-242808-16	MW-122B	100	96	103	102
460-242808-17	MW-20	101	100	103	103
460-242808-18	FB0913	100	96	101	103
LCS 460-801985/5	Lab Control Sample	104	98	100	102
MB 460-801985/9	Method Blank	100	96	98	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

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

Lab Sample ID: MB 460-801985/9

Matrix: Water

Analysis Batch: 801985

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			09/18/21 09:03	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/18/21 09:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			09/18/21 09:03	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/18/21 09:03	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/18/21 09:03	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/18/21 09:03	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			09/18/21 09:03	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			09/18/21 09:03	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			09/18/21 09:03	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			09/18/21 09:03	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/18/21 09:03	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/18/21 09:03	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			09/18/21 09:03	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			09/18/21 09:03	1
1,4-Dioxane	28	U	50	28	ug/L			09/18/21 09:03	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/18/21 09:03	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/18/21 09:03	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/18/21 09:03	1
Acetone	4.4	U	5.0	4.4	ug/L			09/18/21 09:03	1
Benzene	0.20	U	1.0	0.20	ug/L			09/18/21 09:03	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/18/21 09:03	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/18/21 09:03	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/18/21 09:03	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/18/21 09:03	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/18/21 09:03	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/18/21 09:03	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			09/18/21 09:03	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/18/21 09:03	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/18/21 09:03	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/18/21 09:03	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/18/21 09:03	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 09:03	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			09/18/21 09:03	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			09/18/21 09:03	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			09/18/21 09:03	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/18/21 09:03	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/18/21 09:03	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			09/18/21 09:03	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			09/18/21 09:03	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			09/18/21 09:03	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			09/18/21 09:03	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/18/21 09:03	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			09/18/21 09:03	1
o-Xylene	0.36	U	1.0	0.36	ug/L			09/18/21 09:03	1
Styrene	0.42	U	1.0	0.42	ug/L			09/18/21 09:03	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/18/21 09:03	1
Toluene	0.38	U	1.0	0.38	ug/L			09/18/21 09:03	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/18/21 09:03	1

Eurofins TestAmerica, Edison

QC Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

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

Lab Sample ID: MB 460-801985/9

Matrix: Water

Analysis Batch: 801985

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/18/21 09:03	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/18/21 09:03	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			09/18/21 09:03	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/18/21 09:03	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/18/21 09:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 123		09/18/21 09:03	1
4-Bromofluorobenzene	96		76 - 120		09/18/21 09:03	1
Dibromofluoromethane (Surr)	98		77 - 124		09/18/21 09:03	1
Toluene-d8 (Surr)	104		80 - 120		09/18/21 09:03	1

Lab Sample ID: LCS 460-801985/5

Matrix: Water

Analysis Batch: 801985

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	23.1		ug/L		116	68 - 128
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.4		ug/L		82	59 - 142
1,1,2-Trichloroethane	20.0	19.3		ug/L		97	74 - 125
1,1-Dichloroethane	20.0	20.4		ug/L		102	73 - 130
1,1-Dichloroethene	20.0	19.4		ug/L		97	68 - 133
1,2,3-Trichlorobenzene	20.0	18.5		ug/L		93	53 - 144
1,2,4-Trichlorobenzene	20.0	18.1		ug/L		91	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	20.3		ug/L		102	41 - 143
1,2-Dichlorobenzene	20.0	19.4		ug/L		97	79 - 122
1,2-Dichloroethane	20.0	19.0		ug/L		95	75 - 121
1,2-Dichloropropane	20.0	19.5		ug/L		98	76 - 126
1,3-Dichlorobenzene	20.0	18.6		ug/L		93	80 - 121
1,4-Dichlorobenzene	20.0	18.3		ug/L		92	80 - 118
1,4-Dioxane	400	445		ug/L		111	70 - 142
2-Butanone (MEK)	100	83.2		ug/L		83	69 - 128
2-Hexanone	100	76.9		ug/L		77	74 - 127
4-Methyl-2-pentanone (MIBK)	100	93.6		ug/L		94	69 - 128
Acetone	100	88.5		ug/L		89	61 - 134
Benzene	20.0	19.2		ug/L		96	78 - 126
Bromoform	20.0	23.8		ug/L		119	38 - 144
Bromomethane	20.0	20.9		ug/L		104	43 - 150
Carbon disulfide	20.0	19.7		ug/L		98	64 - 138
Carbon tetrachloride	20.0	25.3		ug/L		126	56 - 131
Chlorobenzene	20.0	18.6		ug/L		93	80 - 119
Chlorobromomethane	20.0	18.5		ug/L		92	73 - 126
Chlorodibromomethane	20.0	23.1		ug/L		115	58 - 130
Chloroethane	20.0	25.6		ug/L		128	50 - 150

Eurofins TestAmerica, Edison

QC Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

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

Lab Sample ID: LCS 460-801985/5

Matrix: Water

Analysis Batch: 801985

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	20.0	20.2		ug/L		101	78 - 125
Chloromethane	20.0	22.3		ug/L		112	38 - 150
cis-1,2-Dichloroethene	20.0	19.7		ug/L		98	78 - 121
cis-1,3-Dichloropropene	20.0	21.3		ug/L		107	74 - 125
Cyclohexane	20.0	19.0		ug/L		95	67 - 133
Dichlorobromomethane	20.0	20.2		ug/L		101	72 - 121
Dichlorodifluoromethane	20.0	14.7		ug/L		74	31 - 150
Ethylbenzene	20.0	19.8		ug/L		99	78 - 120
Ethylene Dibromide	20.0	20.9		ug/L		105	69 - 126
Isopropylbenzene	20.0	21.1		ug/L		105	79 - 125
Methyl acetate	40.0	37.5		ug/L		94	70 - 127
Methyl tert-butyl ether	20.0	21.2		ug/L		106	65 - 131
Methylcyclohexane	20.0	18.3		ug/L		91	60 - 139
Methylene Chloride	20.0	19.6		ug/L		98	74 - 127
m-Xylene & p-Xylene	20.0	19.9		ug/L		99	78 - 123
o-Xylene	20.0	20.6		ug/L		103	78 - 122
Styrene	20.0	20.2		ug/L		101	75 - 127
Tetrachloroethene	20.0	17.9		ug/L		89	70 - 127
Toluene	20.0	19.2		ug/L		96	78 - 119
trans-1,2-Dichloroethene	20.0	19.9		ug/L		100	74 - 126
trans-1,3-Dichloropropene	20.0	25.2		ug/L		126	66 - 127
Trichloroethene	20.0	16.9		ug/L		85	71 - 121
Trichlorofluoromethane	20.0	18.6		ug/L		93	61 - 140
Vinyl chloride	20.0	21.8		ug/L		109	61 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		75 - 123
4-Bromofluorobenzene	98		76 - 120
Dibromofluoromethane (Surr)	100		77 - 124
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: 460-242808-11 MS

Matrix: Water

Analysis Batch: 801985

Client Sample ID: MW-24

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	21.7		ug/L		108	68 - 128
1,1,2,2-Tetrachloroethane	0.37	U	20.0	18.2		ug/L		91	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	2.4		20.0	19.7		ug/L		87	59 - 142
1,1,2-Trichloroethane	0.20	U	20.0	17.8		ug/L		89	74 - 125
1,1-Dichloroethane	0.26	U	20.0	19.5		ug/L		98	73 - 130
1,1-Dichloroethene	0.26	U	20.0	18.8		ug/L		94	68 - 133
1,2,3-Trichlorobenzene	0.36	U	20.0	15.6		ug/L		78	53 - 144
1,2,4-Trichlorobenzene	0.37	U	20.0	16.3		ug/L		81	64 - 132
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	18.0		ug/L		90	41 - 143
1,2-Dichlorobenzene	0.21	U	20.0	18.0		ug/L		90	79 - 122
1,2-Dichloroethane	0.43	U	20.0	17.7		ug/L		89	75 - 121
1,2-Dichloropropane	0.35	U	20.0	18.3		ug/L		91	76 - 126

Eurofins TestAmerica, Edison

QC Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

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

Lab Sample ID: 460-242808-11 MS

Matrix: Water

Analysis Batch: 801985

Client Sample ID: MW-24

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.34	U	20.0	17.3		ug/L		87	80 - 121
1,4-Dichlorobenzene	0.33	U	20.0	17.1		ug/L		85	80 - 118
1,4-Dioxane	28	U	400	334		ug/L		83	70 - 142
2-Butanone (MEK)	1.9	U	100	74.3		ug/L		74	69 - 128
2-Hexanone	1.1	U F1	100	70.7	F1	ug/L		71	74 - 127
4-Methyl-2-pentanone (MIBK)	1.3	U	100	84.3		ug/L		84	69 - 128
Acetone	4.4	U	100	70.0		ug/L		70	61 - 134
Benzene	0.20	U	20.0	18.9		ug/L		94	78 - 126
Bromoform	0.54	U	20.0	21.0		ug/L		105	38 - 144
Bromomethane	0.55	U	20.0	19.3		ug/L		97	43 - 150
Carbon disulfide	0.82	U	20.0	17.9		ug/L		89	64 - 138
Carbon tetrachloride	0.21	U	20.0	24.7		ug/L		123	56 - 131
Chlorobenzene	0.38	U	20.0	18.1		ug/L		90	80 - 119
Chlorobromomethane	0.41	U	20.0	17.0		ug/L		85	73 - 126
Chlorodibromomethane	0.28	U	20.0	21.2		ug/L		106	58 - 130
Chloroethane	0.32	U	20.0	23.9		ug/L		120	50 - 150
Chloroform	0.33	U	20.0	19.3		ug/L		96	78 - 125
Chloromethane	0.40	U	20.0	19.1		ug/L		96	38 - 150
cis-1,2-Dichloroethene	0.22	U	20.0	18.3		ug/L		92	78 - 121
cis-1,3-Dichloropropene	0.22	U	20.0	20.6		ug/L		103	74 - 125
Cyclohexane	0.32	U	20.0	19.8		ug/L		99	67 - 133
Dichlorobromomethane	0.34	U	20.0	18.9		ug/L		95	72 - 121
Dichlorodifluoromethane	0.31	U	20.0	15.0		ug/L		75	31 - 150
Ethylbenzene	0.30	U	20.0	18.9		ug/L		94	78 - 120
Ethylene Dibromide	0.50	U	20.0	19.7		ug/L		99	69 - 126
Isopropylbenzene	0.34	U	20.0	20.3		ug/L		102	79 - 125
Methyl acetate	0.79	U	40.0	34.4		ug/L		86	70 - 127
Methyl tert-butyl ether	0.22	U	20.0	19.2		ug/L		96	65 - 131
Methylcyclohexane	0.71	U	20.0	19.6		ug/L		98	60 - 139
Methylene Chloride	0.32	U	20.0	18.0		ug/L		90	74 - 127
m-Xylene & p-Xylene	0.30	U	20.0	19.0		ug/L		95	78 - 123
o-Xylene	0.36	U	20.0	19.1		ug/L		95	78 - 122
Styrene	0.42	U	20.0	19.4		ug/L		97	75 - 127
Tetrachloroethene	0.25	U	20.0	17.8		ug/L		89	70 - 127
Toluene	0.38	U	20.0	18.7		ug/L		93	78 - 119
trans-1,2-Dichloroethene	0.24	U	20.0	18.8		ug/L		94	74 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	23.7		ug/L		119	66 - 127
Trichloroethene	0.31	U	20.0	16.5		ug/L		83	71 - 121
Trichlorofluoromethane	0.32	U	20.0	18.4		ug/L		92	61 - 140
Vinyl chloride	0.17	U	20.0	19.9		ug/L		99	61 - 144
Surrogate	MS %Recovery	MS Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	103		75 - 123						
4-Bromofluorobenzene	98		76 - 120						
Dibromofluoromethane (Surr)	99		77 - 124						
Toluene-d8 (Surr)	103		80 - 120						

QC Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

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

Lab Sample ID: 460-242808-11 MSD

Matrix: Water

Analysis Batch: 801985

Client Sample ID: MW-24

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	22.5		ug/L		113	68 - 128	4	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	18.6		ug/L		93	63 - 139	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	2.4		20.0	20.0		ug/L		88	59 - 142	1	30
1,1,2-Trichloroethane	0.20	U	20.0	18.5		ug/L		93	74 - 125	4	30
1,1-Dichloroethane	0.26	U	20.0	20.1		ug/L		100	73 - 130	3	30
1,1-Dichloroethene	0.26	U	20.0	19.4		ug/L		97	68 - 133	3	30
1,2,3-Trichlorobenzene	0.36	U	20.0	16.8		ug/L		84	53 - 144	7	30
1,2,4-Trichlorobenzene	0.37	U	20.0	17.2		ug/L		86	64 - 132	6	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	18.1		ug/L		91	41 - 143	1	30
1,2-Dichlorobenzene	0.21	U	20.0	18.7		ug/L		93	79 - 122	4	30
1,2-Dichloroethane	0.43	U	20.0	18.7		ug/L		94	75 - 121	5	30
1,2-Dichloropropane	0.35	U	20.0	19.3		ug/L		96	76 - 126	5	30
1,3-Dichlorobenzene	0.34	U	20.0	18.5		ug/L		92	80 - 121	6	30
1,4-Dichlorobenzene	0.33	U	20.0	18.1		ug/L		91	80 - 118	6	30
1,4-Dioxane	28	U	400	421		ug/L		105	70 - 142	23	30
2-Butanone (MEK)	1.9	U	100	79.3		ug/L		79	69 - 128	6	30
2-Hexanone	1.1	U F1	100	73.4	F1	ug/L		73	74 - 127	4	30
4-Methyl-2-pentanone (MIBK)	1.3	U	100	88.8		ug/L		89	69 - 128	5	30
Acetone	4.4	U	100	72.4		ug/L		72	61 - 134	3	30
Benzene	0.20	U	20.0	19.4		ug/L		97	78 - 126	3	30
Bromoform	0.54	U	20.0	22.0		ug/L		110	38 - 144	4	30
Bromomethane	0.55	U	20.0	20.5		ug/L		102	43 - 150	6	30
Carbon disulfide	0.82	U	20.0	18.3		ug/L		92	64 - 138	2	30
Carbon tetrachloride	0.21	U	20.0	25.2		ug/L		126	56 - 131	2	30
Chlorobenzene	0.38	U	20.0	18.7		ug/L		93	80 - 119	3	30
Chlorobromomethane	0.41	U	20.0	17.7		ug/L		89	73 - 126	4	30
Chlorodibromomethane	0.28	U	20.0	21.9		ug/L		109	58 - 130	3	30
Chloroethane	0.32	U	20.0	25.1		ug/L		125	50 - 150	5	30
Chloroform	0.33	U	20.0	20.0		ug/L		100	78 - 125	4	30
Chloromethane	0.40	U	20.0	20.3		ug/L		102	38 - 150	6	30
cis-1,2-Dichloroethene	0.22	U	20.0	18.9		ug/L		94	78 - 121	3	30
cis-1,3-Dichloropropene	0.22	U	20.0	21.8		ug/L		109	74 - 125	6	30
Cyclohexane	0.32	U	20.0	20.3		ug/L		102	67 - 133	2	30
Dichlorobromomethane	0.34	U	20.0	20.1		ug/L		100	72 - 121	6	30
Dichlorodifluoromethane	0.31	U	20.0	15.2		ug/L		76	31 - 150	2	30
Ethylbenzene	0.30	U	20.0	19.7		ug/L		98	78 - 120	4	30
Ethylene Dibromide	0.50	U	20.0	20.4		ug/L		102	69 - 126	3	30
Isopropylbenzene	0.34	U	20.0	20.8		ug/L		104	79 - 125	2	30
Methyl acetate	0.79	U	40.0	34.2		ug/L		86	70 - 127	0	30
Methyl tert-butyl ether	0.22	U	20.0	19.9		ug/L		100	65 - 131	4	30
Methylcyclohexane	0.71	U	20.0	19.9		ug/L		99	60 - 139	1	30
Methylene Chloride	0.32	U	20.0	18.5		ug/L		93	74 - 127	3	30
m-Xylene & p-Xylene	0.30	U	20.0	19.8		ug/L		99	78 - 123	4	30
o-Xylene	0.36	U	20.0	19.8		ug/L		99	78 - 122	4	30
Styrene	0.42	U	20.0	20.1		ug/L		100	75 - 127	3	30
Tetrachloroethene	0.25	U	20.0	18.3		ug/L		92	70 - 127	3	30
Toluene	0.38	U	20.0	19.5		ug/L		98	78 - 119	4	30
trans-1,2-Dichloroethene	0.24	U	20.0	19.3		ug/L		96	74 - 126	2	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

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

Lab Sample ID: 460-242808-11 MSD

Matrix: Water

Analysis Batch: 801985

Client Sample ID: MW-24

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	0.22	U	20.0	25.0		ug/L		125	66 - 127	5	30
Trichloroethene	0.31	U	20.0	17.5		ug/L		87	71 - 121	6	30
Trichlorofluoromethane	0.32	U	20.0	19.4		ug/L		97	61 - 140	5	30
Vinyl chloride	0.17	U	20.0	20.3		ug/L		101	61 - 144	2	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	102		75 - 123								
4-Bromofluorobenzene	97		76 - 120								
Dibromofluoromethane (Surr)	99		77 - 124								
Toluene-d8 (Surr)	103		80 - 120								

Definitions/Glossary

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

QC Association Summary

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

GC/MS VOA

Analysis Batch: 801985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-242808-1	MW-32A	Total/NA	Water	8260D	
460-242808-2	MW-35A	Total/NA	Water	8260D	
460-242808-3	MW-10A	Total/NA	Water	8260D	
460-242808-4	MW-10	Total/NA	Water	8260D	
460-242808-5	MW-11B	Total/NA	Water	8260D	
460-242808-6	MW-111B	Total/NA	Water	8260D	
460-242808-7	TripBlank	Total/NA	Water	8260D	
460-242808-8	FB0908	Total/NA	Water	8260D	
460-242808-9	MW-23A	Total/NA	Water	8260D	
460-242808-10	MW-11A	Total/NA	Water	8260D	
460-242808-11	MW-24	Total/NA	Water	8260D	
460-242808-12	MW-34A	Total/NA	Water	8260D	
460-242808-13	MW-34B	Total/NA	Water	8260D	
460-242808-14	MW-12A	Total/NA	Water	8260D	
460-242808-15	MW-12B	Total/NA	Water	8260D	
460-242808-16	MW-122B	Total/NA	Water	8260D	
460-242808-17	MW-20	Total/NA	Water	8260D	
460-242808-18	FB0913	Total/NA	Water	8260D	
MB 460-801985/9	Method Blank	Total/NA	Water	8260D	
LCS 460-801985/5	Lab Control Sample	Total/NA	Water	8260D	
460-242808-11 MS	MW-24	Total/NA	Water	8260D	
460-242808-11 MSD	MW-24	Total/NA	Water	8260D	

Lab Chronicle

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-32A

Lab Sample ID: 460-242808-1

Date Collected: 09/08/21 09:20

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 12:51	SZD	TAL EDI

Client Sample ID: MW-35A

Lab Sample ID: 460-242808-2

Date Collected: 09/08/21 10:25

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 13:11	SZD	TAL EDI

Client Sample ID: MW-10A

Lab Sample ID: 460-242808-3

Date Collected: 09/08/21 11:30

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 13:32	SZD	TAL EDI

Client Sample ID: MW-10

Lab Sample ID: 460-242808-4

Date Collected: 09/08/21 12:00

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 13:53	SZD	TAL EDI

Client Sample ID: MW-11B

Lab Sample ID: 460-242808-5

Date Collected: 09/08/21 12:30

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 14:13	SZD	TAL EDI

Client Sample ID: MW-111B

Lab Sample ID: 460-242808-6

Date Collected: 09/08/21 14:50

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 14:34	SZD	TAL EDI

Client Sample ID: TripBlank

Lab Sample ID: 460-242808-7

Date Collected: 09/08/21 15:00

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 11:28	SZD	TAL EDI

Lab Chronicle

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: FB0908

Lab Sample ID: 460-242808-8

Date Collected: 09/08/21 15:10

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 11:49	SZD	TAL EDI

Client Sample ID: MW-23A

Lab Sample ID: 460-242808-9

Date Collected: 09/13/21 10:10

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 14:54	SZD	TAL EDI

Client Sample ID: MW-11A

Lab Sample ID: 460-242808-10

Date Collected: 09/13/21 10:50

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 15:15	SZD	TAL EDI

Client Sample ID: MW-24

Lab Sample ID: 460-242808-11

Date Collected: 09/13/21 11:40

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 12:30	SZD	TAL EDI

Client Sample ID: MW-34A

Lab Sample ID: 460-242808-12

Date Collected: 09/13/21 12:20

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 15:36	SZD	TAL EDI

Client Sample ID: MW-34B

Lab Sample ID: 460-242808-13

Date Collected: 09/13/21 12:35

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 15:56	SZD	TAL EDI

Client Sample ID: MW-12A

Lab Sample ID: 460-242808-14

Date Collected: 09/13/21 13:15

Matrix: Water

Date Received: 09/14/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 16:17	SZD	TAL EDI

Lab Chronicle

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Client Sample ID: MW-12B

Date Collected: 09/13/21 14:00

Date Received: 09/14/21 19:00

Lab Sample ID: 460-242808-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 16:37	SZD	TAL EDI

Client Sample ID: MW-122B

Date Collected: 09/13/21 14:45

Date Received: 09/14/21 19:00

Lab Sample ID: 460-242808-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 16:58	SZD	TAL EDI

Client Sample ID: MW-20

Date Collected: 09/13/21 16:10

Date Received: 09/14/21 19:00

Lab Sample ID: 460-242808-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 17:18	SZD	TAL EDI

Client Sample ID: FB0913

Date Collected: 09/13/21 15:00

Date Received: 09/14/21 19:00

Lab Sample ID: 460-242808-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	801985	09/18/21 12:09	SZD	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: FPM Group Limited
Project/Site: Deutsch Relays, Inc.-65 Daly Rd.

Job ID: 460-242808-1

Laboratory: Eurofins TestAmerica, Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-22

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-32A	460-242808-1	101	100	103	97
MW-35A	460-242808-2	100	99	103	97
MW-10A	460-242808-3	100	101	105	95
MW-10	460-242808-4	100	99	104	96
MW-11B	460-242808-5	102	101	102	96
MW-111B	460-242808-6	99	100	102	96
TripBlank	460-242808-7	100	100	106	94
FB0908	460-242808-8	98	100	105	97
MW-23A	460-242808-9	101	101	104	95
MW-11A	460-242808-10	103	100	102	96
MW-24	460-242808-11	101	101	104	96
MW-34A	460-242808-12	103	101	104	98
MW-34B	460-242808-13	102	101	103	96
MW-12A	460-242808-14	101	100	102	97
MW-12B	460-242808-15	103	100	101	95
MW-122B	460-242808-16	103	100	102	96
MW-20	460-242808-17	103	101	103	100
FB0913	460-242808-18	101	100	103	96
	MB 460-801985/9	98	100	104	96
	LCS 460-801985/5	100	104	102	98
MW-24 MS	460-242808-11 MS	99	103	103	98
MW-24 MSD	460-242808-11 MSD	99	102	103	97

DBFM = Dibromofluoromethane (Surr) DCA = 1,2-Dichloroethane-d4 (Surr) TOL = Toluene-d8 (Surr) BFB = 4-Bromofluorobenzene	<u>QC LIMITS</u> 77-124 75-123 80-120 76-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT44556.D
 Lab ID: LCS 460-801985/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	23.1	116	68-128	
1,1,2,2-Tetrachloroethane	20.0	19.8	99	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.4	82	59-142	
1,1,2-Trichloroethane	20.0	19.3	97	74-125	
1,1-Dichloroethane	20.0	20.4	102	73-130	
1,1-Dichloroethene	20.0	19.4	97	68-133	
1,2,3-Trichlorobenzene	20.0	18.5	93	53-144	
1,2,4-Trichlorobenzene	20.0	18.1	91	64-132	
1,2-Dibromo-3-Chloropropane	20.0	20.3	102	41-143	
1,2-Dichlorobenzene	20.0	19.4	97	79-122	
1,2-Dichloroethane	20.0	19.0	95	75-121	
1,2-Dichloropropane	20.0	19.5	98	76-126	
1,3-Dichlorobenzene	20.0	18.6	93	80-121	
1,4-Dichlorobenzene	20.0	18.3	92	80-118	
1,4-Dioxane	400	445	111	70-142	
2-Butanone (MEK)	100	83.2	83	69-128	
2-Hexanone	100	76.9	77	74-127	
4-Methyl-2-pentanone (MIBK)	100	93.6	94	69-128	
Acetone	100	88.5	89	61-134	
Benzene	20.0	19.2	96	78-126	
Bromoform	20.0	23.8	119	38-144	
Bromomethane	20.0	20.9	104	43-150	
Carbon disulfide	20.0	19.7	98	64-138	
Carbon tetrachloride	20.0	25.3	126	56-131	
Chlorobenzene	20.0	18.6	93	80-119	
Chlorobromomethane	20.0	18.5	92	73-126	
Chlorodibromomethane	20.0	23.1	115	58-130	
Chloroethane	20.0	25.6	128	50-150	
Chloroform	20.0	20.2	101	78-125	
Chloromethane	20.0	22.3	112	38-150	
cis-1,2-Dichloroethene	20.0	19.7	98	78-121	
cis-1,3-Dichloropropene	20.0	21.3	107	74-125	
Cyclohexane	20.0	19.0	95	67-133	
Dichlorobromomethane	20.0	20.2	101	72-121	
Dichlorodifluoromethane	20.0	14.7	74	31-150	
Ethylbenzene	20.0	19.8	99	78-120	
Ethylene Dibromide	20.0	20.9	105	69-126	
Isopropylbenzene	20.0	21.1	105	79-125	
Methyl acetate	40.0	37.5	94	70-127	
Methyl tert-butyl ether	20.0	21.2	106	65-131	
Methylcyclohexane	20.0	18.3	91	60-139	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT44556.D
 Lab ID: LCS 460-801985/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	19.6	98	74-127	
m-Xylene & p-Xylene	20.0	19.9	99	78-123	
o-Xylene	20.0	20.6	103	78-122	
Styrene	20.0	20.2	101	75-127	
Tetrachloroethene	20.0	17.9	89	70-127	
Toluene	20.0	19.2	96	78-119	
trans-1,2-Dichloroethene	20.0	19.9	100	74-126	
trans-1,3-Dichloropropene	20.0	25.2	126	66-127	
Trichloroethene	20.0	16.9	85	71-121	
Trichlorofluoromethane	20.0	18.6	93	61-140	
Vinyl chloride	20.0	21.8	109	61-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-242808-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: TT44563.D

Lab ID: 460-242808-11 MS

Client ID: MW-24 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	21.7	108	68-128	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	18.2	91	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	2.4	19.7	87	59-142	
1,1,2-Trichloroethane	20.0	0.20 U	17.8	89	74-125	
1,1-Dichloroethane	20.0	0.26 U	19.5	98	73-130	
1,1-Dichloroethene	20.0	0.26 U	18.8	94	68-133	
1,2,3-Trichlorobenzene	20.0	0.36 U	15.6	78	53-144	
1,2,4-Trichlorobenzene	20.0	0.37 U	16.3	81	64-132	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	18.0	90	41-143	
1,2-Dichlorobenzene	20.0	0.21 U	18.0	90	79-122	
1,2-Dichloroethane	20.0	0.43 U	17.7	89	75-121	
1,2-Dichloropropane	20.0	0.35 U	18.3	91	76-126	
1,3-Dichlorobenzene	20.0	0.34 U	17.3	87	80-121	
1,4-Dichlorobenzene	20.0	0.33 U	17.1	85	80-118	
1,4-Dioxane	400	28 U	334	83	70-142	
2-Butanone (MEK)	100	1.9 U	74.3	74	69-128	
2-Hexanone	100	1.1 U	70.7	71	74-127	F1
4-Methyl-2-pentanone (MIBK)	100	1.3 U	84.3	84	69-128	
Acetone	100	4.4 U	70.0	70	61-134	
Benzene	20.0	0.20 U	18.9	94	78-126	
Bromoform	20.0	0.54 U	21.0	105	38-144	
Bromomethane	20.0	0.55 U	19.3	97	43-150	
Carbon disulfide	20.0	0.82 U	17.9	89	64-138	
Carbon tetrachloride	20.0	0.21 U	24.7	123	56-131	
Chlorobenzene	20.0	0.38 U	18.1	90	80-119	
Chlorobromomethane	20.0	0.41 U	17.0	85	73-126	
Chlorodibromomethane	20.0	0.28 U	21.2	106	58-130	
Chloroethane	20.0	0.32 U	23.9	120	50-150	
Chloroform	20.0	0.33 U	19.3	96	78-125	
Chloromethane	20.0	0.40 U	19.1	96	38-150	
cis-1,2-Dichloroethene	20.0	0.22 U	18.3	92	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	20.6	103	74-125	
Cyclohexane	20.0	0.32 U	19.8	99	67-133	
Dichlorobromomethane	20.0	0.34 U	18.9	95	72-121	
Dichlorodifluoromethane	20.0	0.31 U	15.0	75	31-150	
Ethylbenzene	20.0	0.30 U	18.9	94	78-120	
Ethylene Dibromide	20.0	0.50 U	19.7	99	69-126	
Isopropylbenzene	20.0	0.34 U	20.3	102	79-125	
Methyl acetate	40.0	0.79 U	34.4	86	70-127	
Methyl tert-butyl ether	20.0	0.22 U	19.2	96	65-131	
Methylcyclohexane	20.0	0.71 U	19.6	98	60-139	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT44563.D
 Lab ID: 460-242808-11 MS Client ID: MW-24 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	0.32 U	18.0	90	74-127	
m-Xylene & p-Xylene	20.0	0.30 U	19.0	95	78-123	
o-Xylene	20.0	0.36 U	19.1	95	78-122	
Styrene	20.0	0.42 U	19.4	97	75-127	
Tetrachloroethene	20.0	0.25 U	17.8	89	70-127	
Toluene	20.0	0.38 U	18.7	93	78-119	
trans-1,2-Dichloroethene	20.0	0.24 U	18.8	94	74-126	
trans-1,3-Dichloropropene	20.0	0.22 U	23.7	119	66-127	
Trichloroethene	20.0	0.31 U	16.5	83	71-121	
Trichlorofluoromethane	20.0	0.32 U	18.4	92	61-140	
Vinyl chloride	20.0	0.17 U	19.9	99	61-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-242808-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: TT44564.D

Lab ID: 460-242808-11 MSD

Client ID: MW-24 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	22.5	113	4	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	2	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0	88	1	30	59-142	
1,1,2-Trichloroethane	20.0	18.5	93	4	30	74-125	
1,1-Dichloroethane	20.0	20.1	100	3	30	73-130	
1,1-Dichloroethene	20.0	19.4	97	3	30	68-133	
1,2,3-Trichlorobenzene	20.0	16.8	84	7	30	53-144	
1,2,4-Trichlorobenzene	20.0	17.2	86	6	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	18.1	91	1	30	41-143	
1,2-Dichlorobenzene	20.0	18.7	93	4	30	79-122	
1,2-Dichloroethane	20.0	18.7	94	5	30	75-121	
1,2-Dichloropropane	20.0	19.3	96	5	30	76-126	
1,3-Dichlorobenzene	20.0	18.5	92	6	30	80-121	
1,4-Dichlorobenzene	20.0	18.1	91	6	30	80-118	
1,4-Dioxane	400	421	105	23	30	70-142	
2-Butanone (MEK)	100	79.3	79	6	30	69-128	
2-Hexanone	100	73.4	73	4	30	74-127	F1
4-Methyl-2-pentanone (MIBK)	100	88.8	89	5	30	69-128	
Acetone	100	72.4	72	3	30	61-134	
Benzene	20.0	19.4	97	3	30	78-126	
Bromoform	20.0	22.0	110	4	30	38-144	
Bromomethane	20.0	20.5	102	6	30	43-150	
Carbon disulfide	20.0	18.3	92	2	30	64-138	
Carbon tetrachloride	20.0	25.2	126	2	30	56-131	
Chlorobenzene	20.0	18.7	93	3	30	80-119	
Chlorobromomethane	20.0	17.7	89	4	30	73-126	
Chlorodibromomethane	20.0	21.9	109	3	30	58-130	
Chloroethane	20.0	25.1	125	5	30	50-150	
Chloroform	20.0	20.0	100	4	30	78-125	
Chloromethane	20.0	20.3	102	6	30	38-150	
cis-1,2-Dichloroethene	20.0	18.9	94	3	30	78-121	
cis-1,3-Dichloropropene	20.0	21.8	109	6	30	74-125	
Cyclohexane	20.0	20.3	102	2	30	67-133	
Dichlorobromomethane	20.0	20.1	100	6	30	72-121	
Dichlorodifluoromethane	20.0	15.2	76	2	30	31-150	
Ethylbenzene	20.0	19.7	98	4	30	78-120	
Ethylene Dibromide	20.0	20.4	102	3	30	69-126	
Isopropylbenzene	20.0	20.8	104	2	30	79-125	
Methyl acetate	40.0	34.2	86	0	30	70-127	
Methyl tert-butyl ether	20.0	19.9	100	4	30	65-131	
Methylcyclohexane	20.0	19.9	99	1	30	60-139	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT44564.D
 Lab ID: 460-242808-11 MSD Client ID: MW-24 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Methylene Chloride	20.0	18.5	93	3	30	74-127	
m-Xylene & p-Xylene	20.0	19.8	99	4	30	78-123	
o-Xylene	20.0	19.8	99	4	30	78-122	
Styrene	20.0	20.1	100	3	30	75-127	
Tetrachloroethene	20.0	18.3	92	3	30	70-127	
Toluene	20.0	19.5	98	4	30	78-119	
trans-1,2-Dichloroethene	20.0	19.3	96	2	30	74-126	
trans-1,3-Dichloropropene	20.0	25.0	125	5	30	66-127	
Trichloroethene	20.0	17.5	87	6	30	71-121	
Trichlorofluoromethane	20.0	19.4	97	5	30	61-140	
Vinyl chloride	20.0	20.3	101	2	30	61-144	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Lab File ID: TT44560.D Lab Sample ID: MB 460-801985/9
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS17 Date Analyzed: 09/18/2021 09:03
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-801985/5	TT44556.D	09/18/2021 07:41
MW-24 MS	460-242808-11 MS	TT44563.D	09/18/2021 10:05
MW-24 MSD	460-242808-11 MSD	TT44564.D	09/18/2021 10:26
TripBlank	460-242808-7	TT44567.D	09/18/2021 11:28
FB0908	460-242808-8	TT44568.D	09/18/2021 11:49
FB0913	460-242808-18	TT44569.D	09/18/2021 12:09
MW-24	460-242808-11	TT44570.D	09/18/2021 12:30
MW-32A	460-242808-1	TT44571.D	09/18/2021 12:51
MW-35A	460-242808-2	TT44572.D	09/18/2021 13:11
MW-10A	460-242808-3	TT44573.D	09/18/2021 13:32
MW-10	460-242808-4	TT44574.D	09/18/2021 13:53
MW-11B	460-242808-5	TT44575.D	09/18/2021 14:13
MW-111B	460-242808-6	TT44576.D	09/18/2021 14:34
MW-23A	460-242808-9	TT44577.D	09/18/2021 14:54
MW-11A	460-242808-10	TT44578.D	09/18/2021 15:15
MW-34A	460-242808-12	TT44579.D	09/18/2021 15:36
MW-34B	460-242808-13	TT44580.D	09/18/2021 15:56
MW-12A	460-242808-14	TT44581.D	09/18/2021 16:17
MW-12B	460-242808-15	TT44582.D	09/18/2021 16:37
MW-122B	460-242808-16	TT44583.D	09/18/2021 16:58
MW-20	460-242808-17	TT44584.D	09/18/2021 17:18

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Lab File ID: TT44002.D BFB Injection Date: 09/10/2021
 Instrument ID: CVOAMS17 BFB Injection Time: 06:48
 Analysis Batch No.: 800536

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	141.3
96	5 - 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.9
174	50 - 200% of m/z 95	70.8
175	5 - 9% of m/z 174	7.6
176	95 -105% of m/z 174	98.1
177	5 - 10% of m/z 176	6.6

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-800536/2	TT44003.D	09/10/2021	6:59
	STD5 460-800536/5	TT44006.D	09/10/2021	8:01
	STD20 460-800536/6	TT44007.D	09/10/2021	8:22
	STD50 460-800536/7	TT44008.D	09/10/2021	8:42
	STD200 460-800536/8	TT44009.D	09/10/2021	9:03
	STD500 460-800536/9	TT44010.D	09/10/2021	9:23
	STD1 460-800536/15	TT44016.D	09/10/2021	12:08
	ICV 460-800536/17	TT44018.D	09/10/2021	13:11

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Sample No.: STD20 460-800536/6 Date Analyzed: 09/10/2021 08:22
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT44007.D Heated Purge: (Y/N) N
 Calibration ID: 87141

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	29675	2.53	303713	3.39	447466	4.37	
UPPER LIMIT	59350	3.03	607426	3.89	894932	4.87	
LOWER LIMIT	14838	2.03	151857	2.89	223733	3.87	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-800536/17		43044	2.53	337313	3.42	483037	4.37

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: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Sample No.: STD20 460-800536/6 Date Analyzed: 09/10/2021 08:22
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT44007.D Heated Purge: (Y/N) N
 Calibration ID: 87141

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	22548	5.06	320849	7.62	180660	10.43
UPPER LIMIT	45096	5.56	641698	8.12	361320	10.93
LOWER LIMIT	11274	4.56	160425	7.12	90330	9.93
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-800536/17		18628	5.06	345300	7.62	188268 10.43

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: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Sample No.: CCVIS 460-801985/4 Date Analyzed: 09/18/2021 07:20
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT44555.D Heated Purge: (Y/N) N
 Calibration ID: 87141

	TBA d9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	38685	2.52	325133	3.41	481408	4.37	
UPPER LIMIT	77370	3.02	650266	3.91	962816	4.87	
LOWER LIMIT	19343	2.02	162567	2.91	240704	3.87	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-801985/5		39196	2.51	327970	3.39	484763	4.37
MB 460-801985/9		50366	2.51	345391	3.39	562588	4.37
460-242808-11 MS	MW-24 MS	42443	2.51	347353	3.42	541892	4.37
460-242808-11 MSD	MW-24 MSD	45143	2.51	341576	3.42	539632	4.37
460-242808-7	TripBlank	48008	2.51	334833	3.41	568038	4.37
460-242808-8	FB0908	45066	2.52	323398	3.39	525888	4.37
460-242808-18	FB0913	44415	2.52	319797	3.38	525889	4.37
460-242808-11	MW-24	23824	2.51	306405	3.38	498810	4.37
460-242808-1	MW-32A	40996	2.52	299594	3.39	495399	4.37
460-242808-2	MW-35A	37184	2.51	287237	3.38	469339	4.36
460-242808-3	MW-10A	43276	2.52	309982	3.39	505561	4.37
460-242808-4	MW-10	43391	2.52	322420	3.39	526395	4.37
460-242808-5	MW-11B	39998	2.52	294574	3.38	472467	4.37
460-242808-6	MW-111B	39666	2.52	294527	3.38	488754	4.37
460-242808-9	MW-23A	38403	2.52	317328	3.39	517714	4.37
460-242808-10	MW-11A	21039	2.51	298192	3.38	475077	4.36
460-242808-12	MW-34A	37957	2.52	287166	3.38	463009	4.37
460-242808-13	MW-34B	42427	2.51	300366	3.38	493204	4.37
460-242808-14	MW-12A	39546	2.52	286585	3.38	464812	4.37
460-242808-15	MW-12B	37276	2.52	273665	3.38	440259	4.36
460-242808-16	MW-122B	21255	2.52	281978	3.39	459885	4.37
460-242808-17	MW-20	38904	2.51	282455	3.38	461221	4.36

TBA d9 = 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: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Sample No.: CCVIS 460-801985/4 Date Analyzed: 09/18/2021 07:20
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT44555.D Heated Purge: (Y/N) N
 Calibration ID: 87141

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19175	5.06	330971	7.61	174478	10.43
UPPER LIMIT		38350	5.56	661942	8.11	348956	10.93
LOWER LIMIT		9588	4.56	165486	7.11	87239	9.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-801985/5		20702	5.06	337362	7.62	179876	10.43
MB 460-801985/9		15411	5.07	359557	7.62	192525	10.43
460-242808-11 MS	MW-24 MS	20319	5.06	370419	7.62	197250	10.43
460-242808-11 MSD	MW-24 MSD	17767	5.07	370616	7.62	195096	10.43
460-242808-7	TripBlank	13513	5.07	350516	7.62	184040	10.43
460-242808-8	FB0908	12830	5.09	343748	7.62	185938	10.43
460-242808-18	FB0913	10895	5.09	339915	7.62	183821	10.43
460-242808-11	MW-24	13071	5.07	320945	7.61	173407	10.43
460-242808-1	MW-32A	15086	5.08	327310	7.62	184024	10.43
460-242808-2	MW-35A	9593	5.10	307765	7.62	166448	10.43
460-242808-3	MW-10A	12818	5.09	321968	7.62	173191	10.43
460-242808-4	MW-10	13748	5.08	336227	7.62	182422	10.43
460-242808-5	MW-11B	10824	5.10	317323	7.61	172853	10.43
460-242808-6	MW-111B	10811	5.07	316455	7.61	172174	10.43
460-242808-9	MW-23A	13631	5.09	335121	7.62	182237	10.43
460-242808-10	MW-11A	13839	5.08	315766	7.61	173428	10.43
460-242808-12	MW-34A	11175	5.07	296938	7.62	163642	10.43
460-242808-13	MW-34B	11430	5.11	323306	7.61	175350	10.43
460-242808-14	MW-12A	10373	5.10	305255	7.62	168158	10.43
460-242808-15	MW-12B	11825	5.09	296808	7.61	162182	10.43
460-242808-16	MW-122B	13044	5.09	301620	7.62	164169	10.43
460-242808-17	MW-20	9758	5.10	302636	7.61	166812	10.43

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-32A Lab Sample ID: 460-242808-1
 Matrix: Water Lab File ID: TT44571.D
 Analysis Method: 8260D Date Collected: 09/08/2021 09:20
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 12:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 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	71		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-32A Lab Sample ID: 460-242808-1
 Matrix: Water Lab File ID: TT44571.D
 Analysis Method: 8260D Date Collected: 09/08/2021 09:20
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 12:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.68	J	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	2.3		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.61	J	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

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

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-242808-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-32A</u>	Lab Sample ID: <u>460-242808-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT44571.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>09/08/2021 09:20</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/18/2021 12:51</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>801985</u>	Units: <u>ug/L</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44571.D
 Lims ID: 460-242808-B-1
 Client ID: MW-32A
 Sample Type: Client
 Inject. Date: 18-Sep-2021 12:51:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-1
 Misc. Info.: 460-0134688-020
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:05:43 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:12:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
20 112TCTFE	101	2.135	2.135	0.000	93	263500	70.7	
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	97	40996	1000.0	
33 Methyl tert-butyl ether	73	2.634	2.628	0.006	97	8250	0.6776	M
* 42 2-Butanone-d5	46	3.390	3.409	-0.019	99	299594	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.811	0.006	96	140045	50.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	96	172543	50.1	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	495399	50.0	
68 Trichloroethene	95	4.689	4.689	0.000	94	2464	0.6070	
* 72 1,4-Dioxane-d8	96	5.079	5.061	0.018	93	15086	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	450701	51.6	
88 Tetrachloroethene	166	6.561	6.561	0.000	92	7563	2.28	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	91	327310	50.0	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	120541	48.3	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	97	184024	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44571.D

Injection Date: 18-Sep-2021 12:51:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-1

Lab Sample ID: 460-242808-1

Client ID: MW-32A

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 20

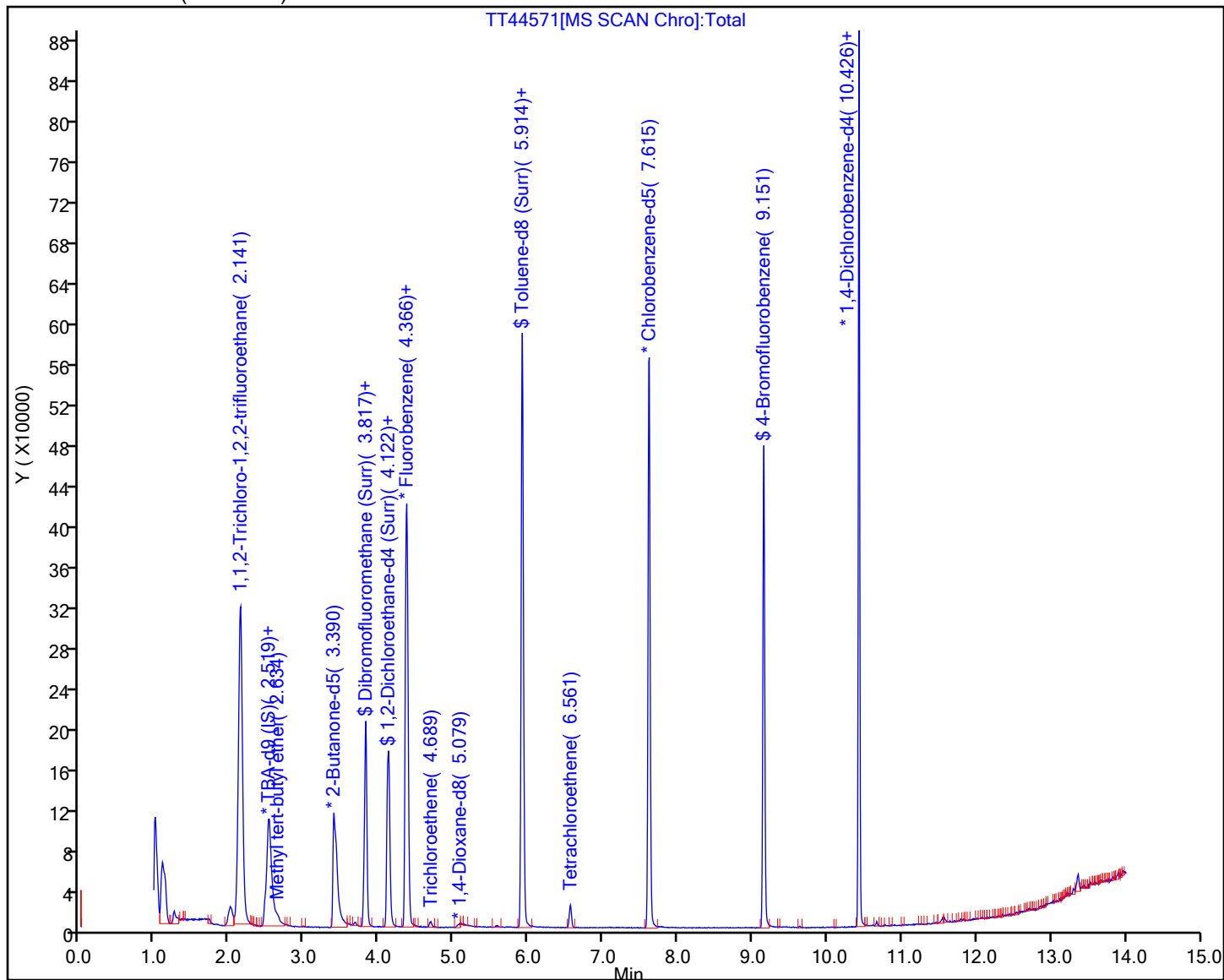
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44571.D

Injection Date: 18-Sep-2021 12:51:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-1

Lab Sample ID: 460-242808-1

Client ID: MW-32A

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

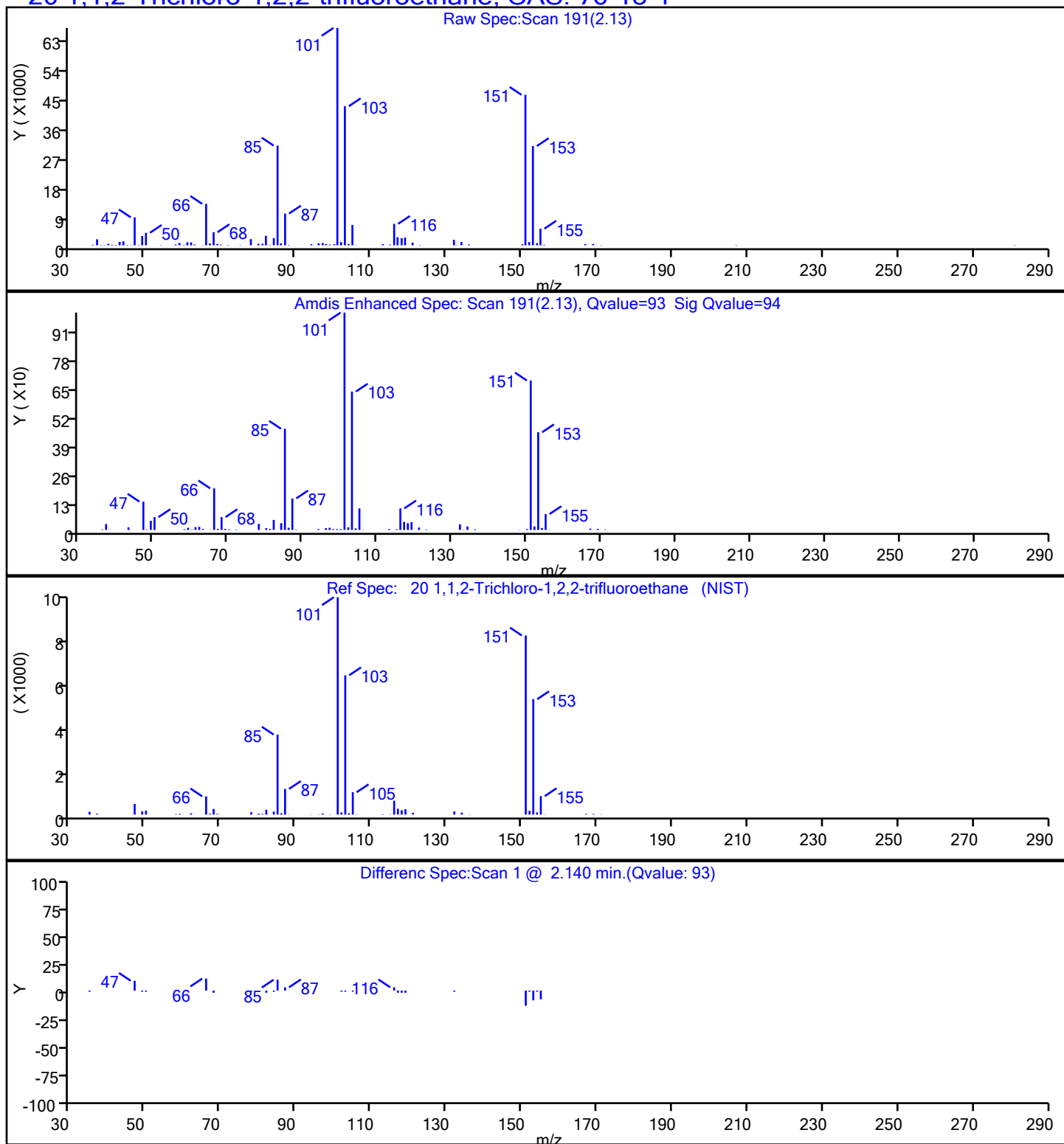
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44571.D

Injection Date: 18-Sep-2021 12:51:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-1

Lab Sample ID: 460-242808-1

Client ID: MW-32A

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

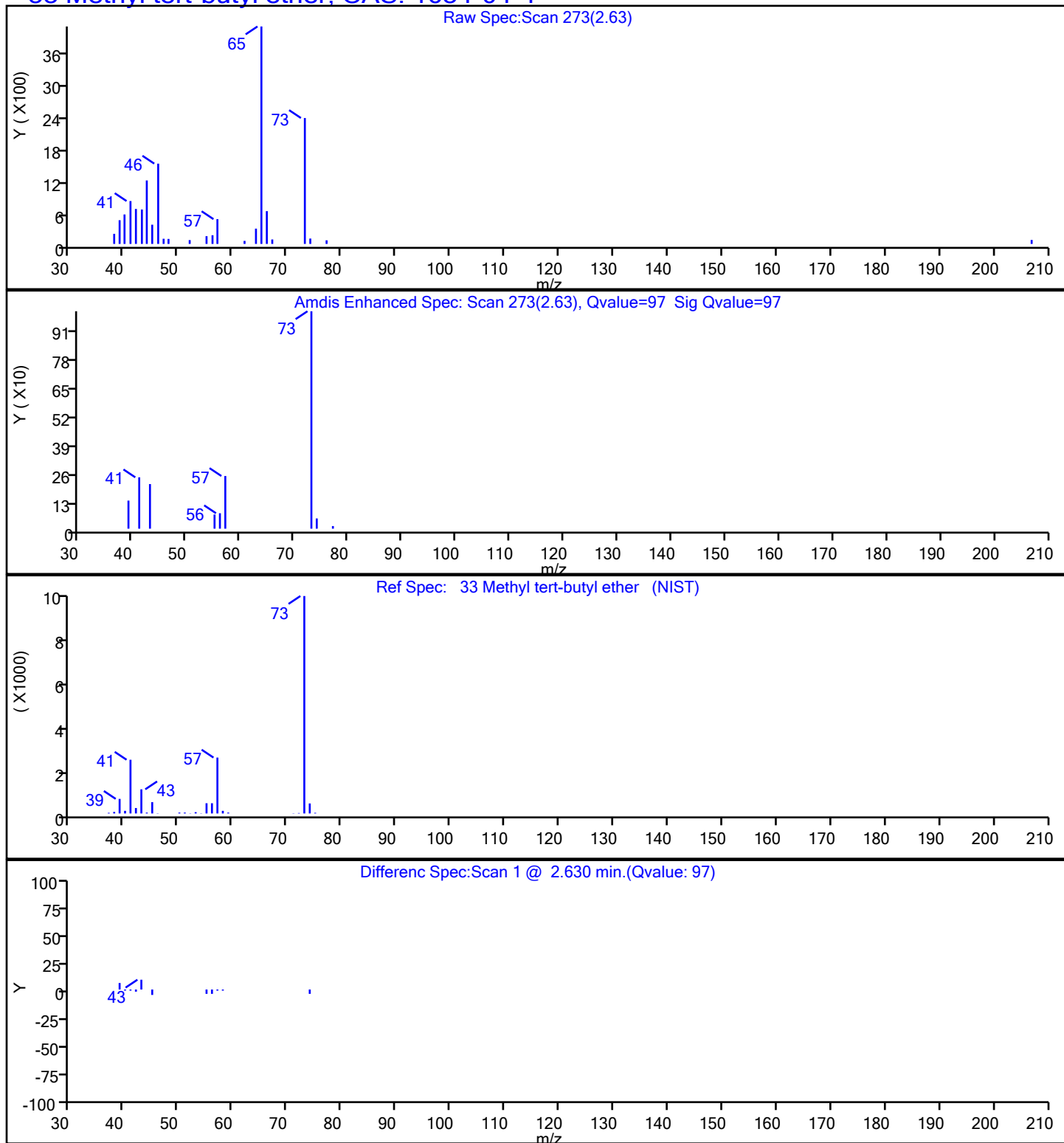
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44571.D

Injection Date: 18-Sep-2021 12:51:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-1

Lab Sample ID: 460-242808-1

Client ID: MW-32A

Operator ID:

ALS Bottle#:

19

Worklist Smp#:

20

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

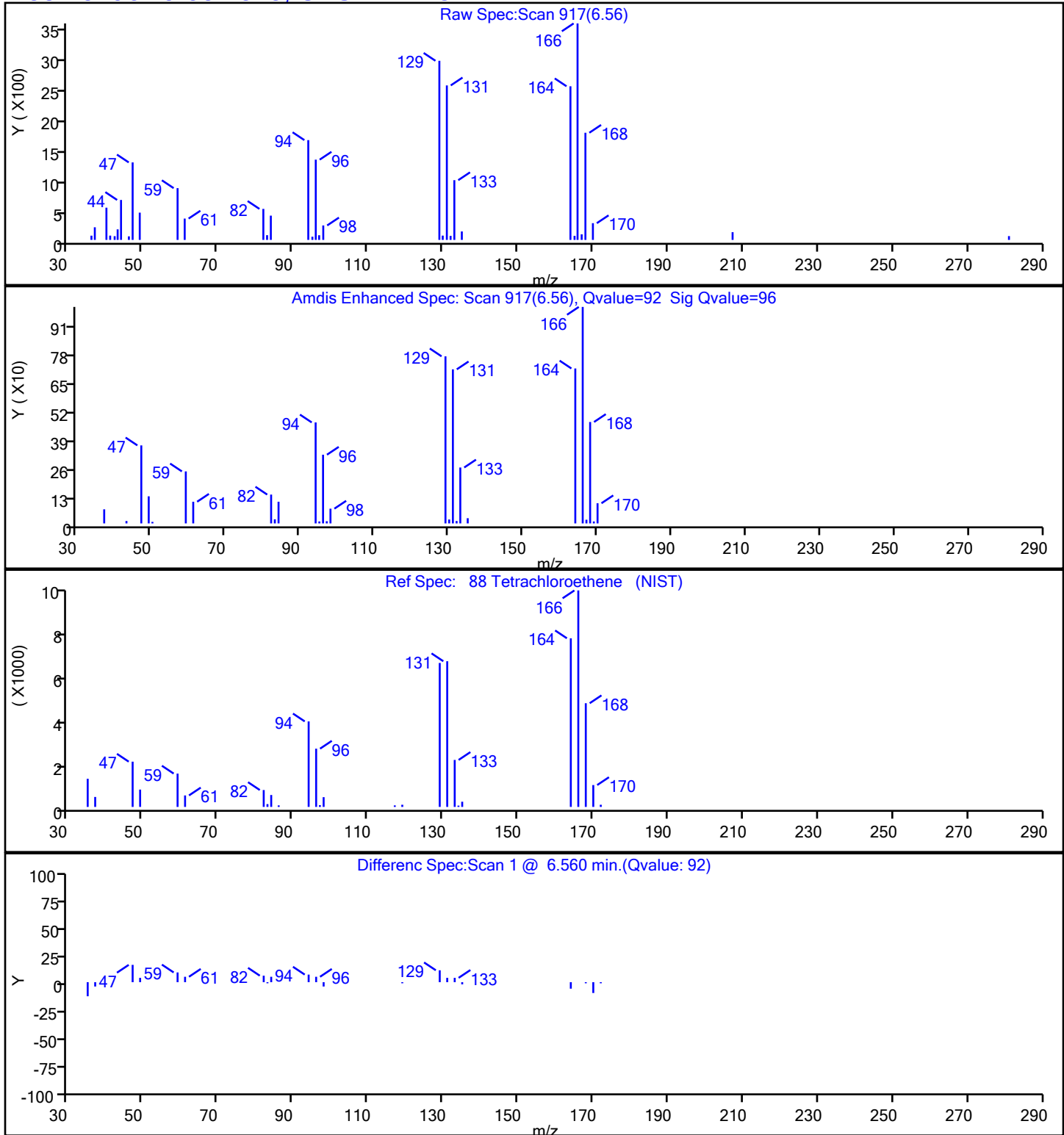
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44571.D

Injection Date: 18-Sep-2021 12:51:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-1

Lab Sample ID: 460-242808-1

Client ID: MW-32A

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

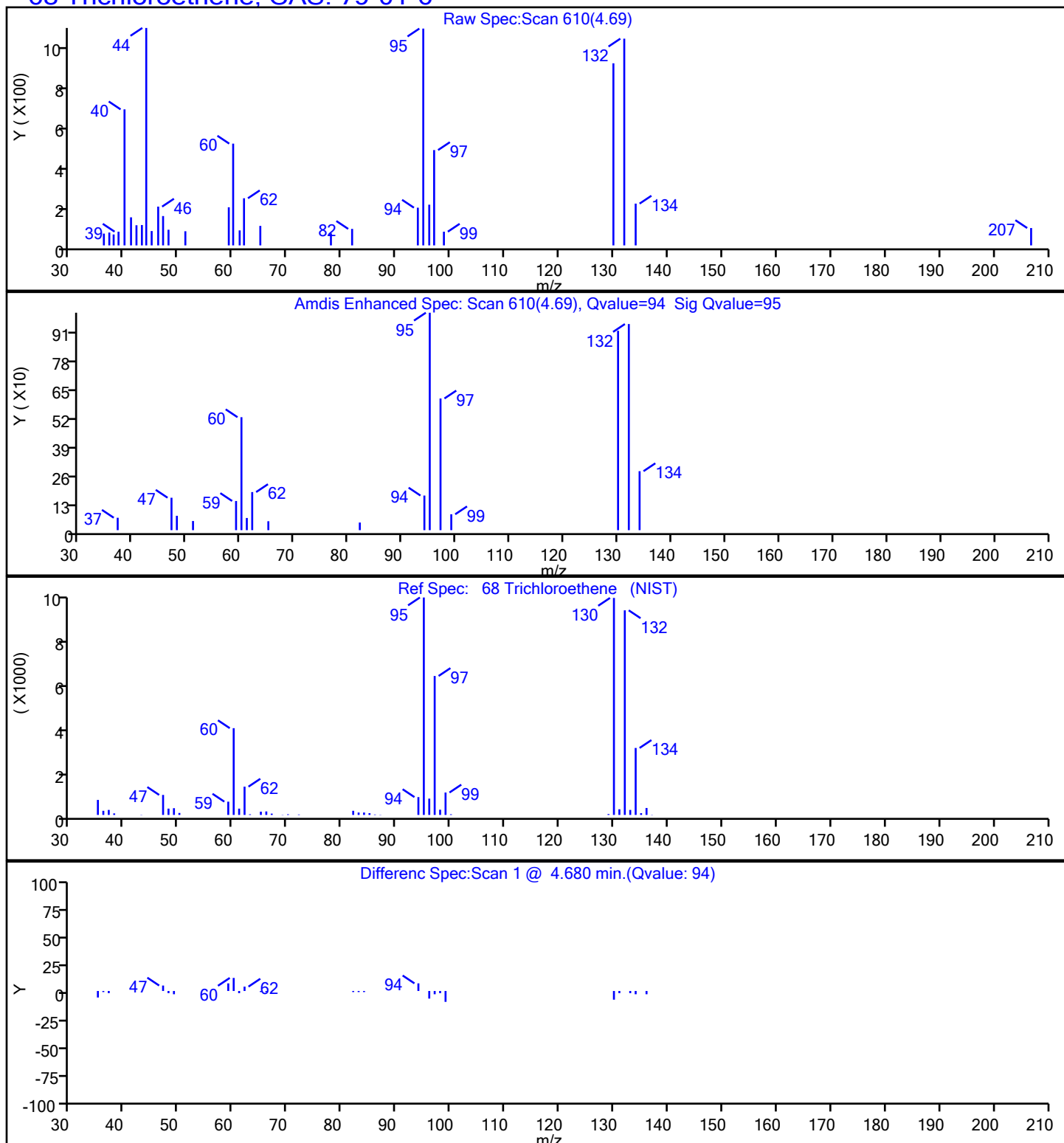
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44571.D

Injection Date: 18-Sep-2021 12:51:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-1

Lab Sample ID: 460-242808-1

Client ID: MW-32A

Operator ID:

ALS Bottle#:

19

Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

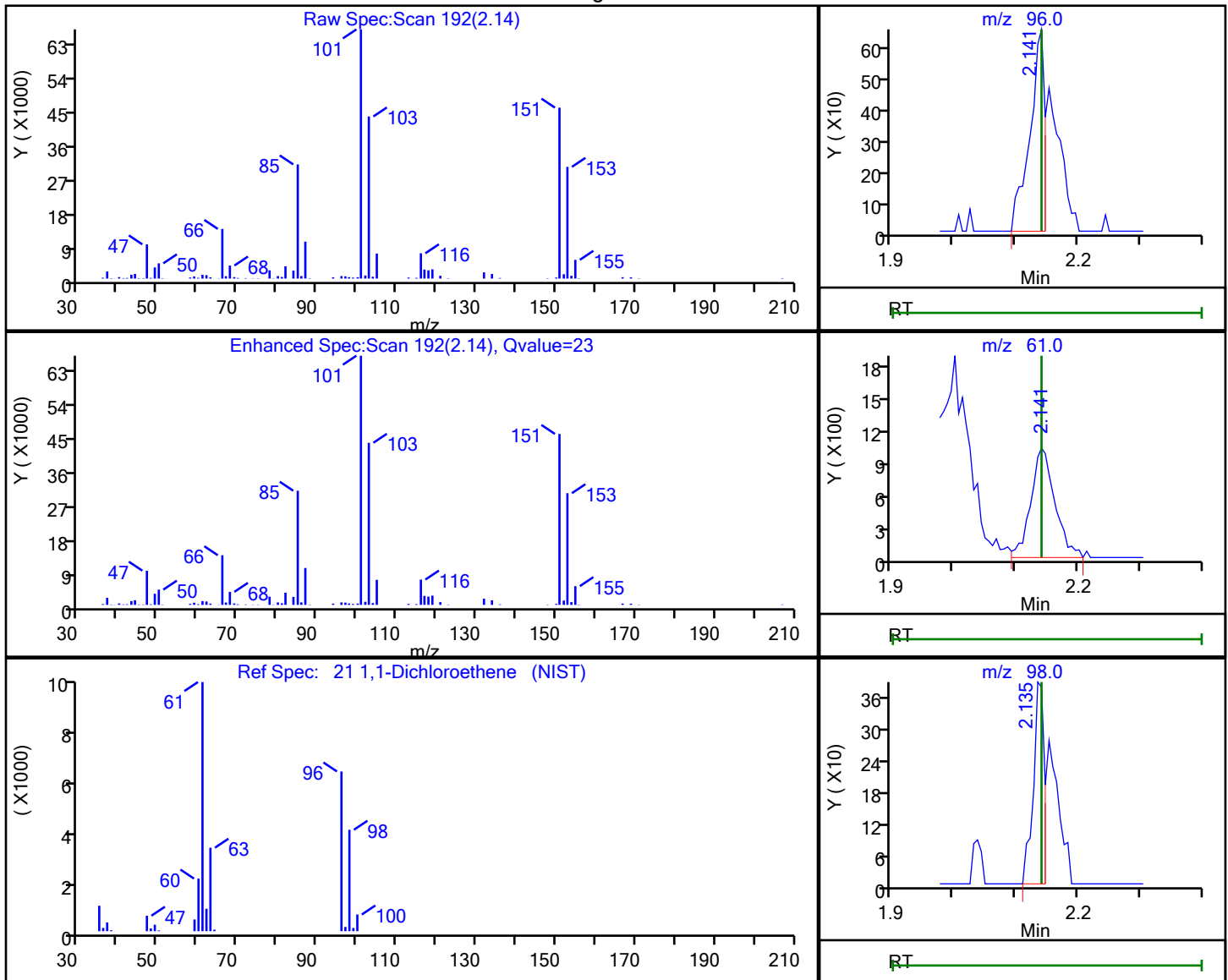
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.14	96.00	1097	0.281550
2.14	61.00	2733	
2.13	98.00	476	
2.14	63.00	831	

Reviewer: xuyvo, 19-Sep-2021 13:05:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44571.D

Injection Date: 18-Sep-2021 12:51:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-1

Lab Sample ID: 460-242808-1

Client ID: MW-32A

Operator ID:

ALS Bottle#:

19

Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

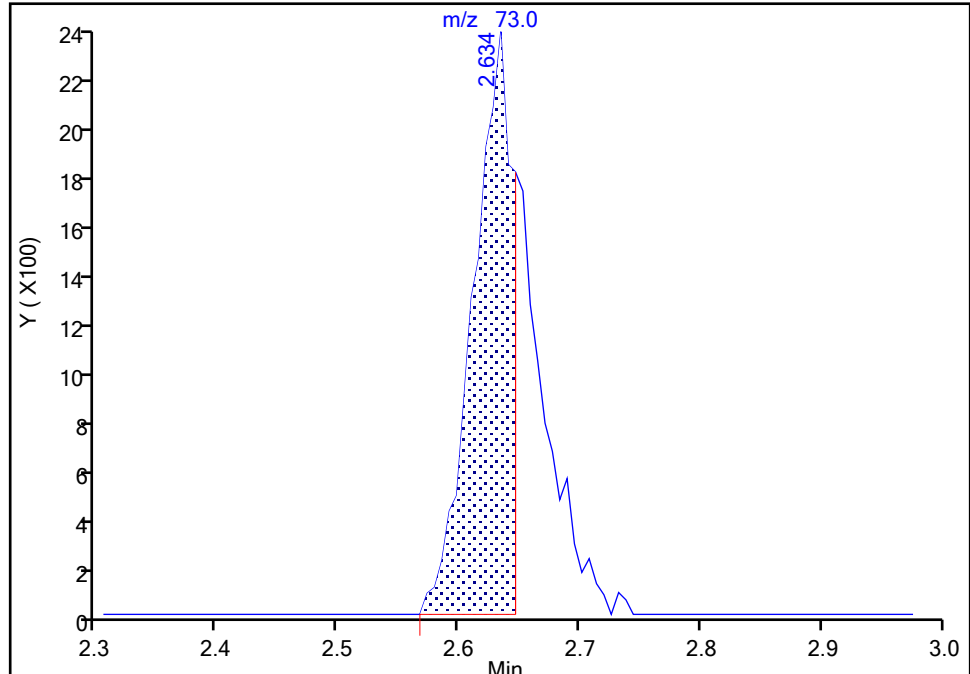
MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

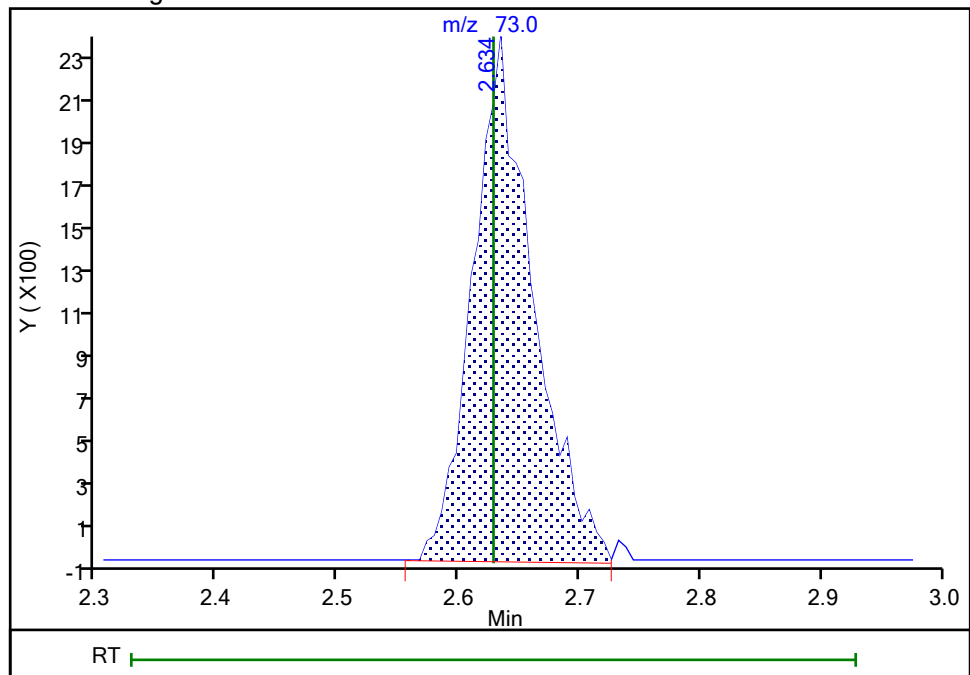
RT: 2.63
Area: 5458
Amount: 0.448311
Amount Units: ug/l

Processing Integration Results



RT: 2.63
Area: 8250
Amount: 0.677642
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 18-Sep-2021 21:12:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44571.D

Injection Date: 18-Sep-2021 12:51:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-1

Lab Sample ID: 460-242808-1

Client ID: MW-32A

Operator ID:

ALS Bottle#:

19

Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

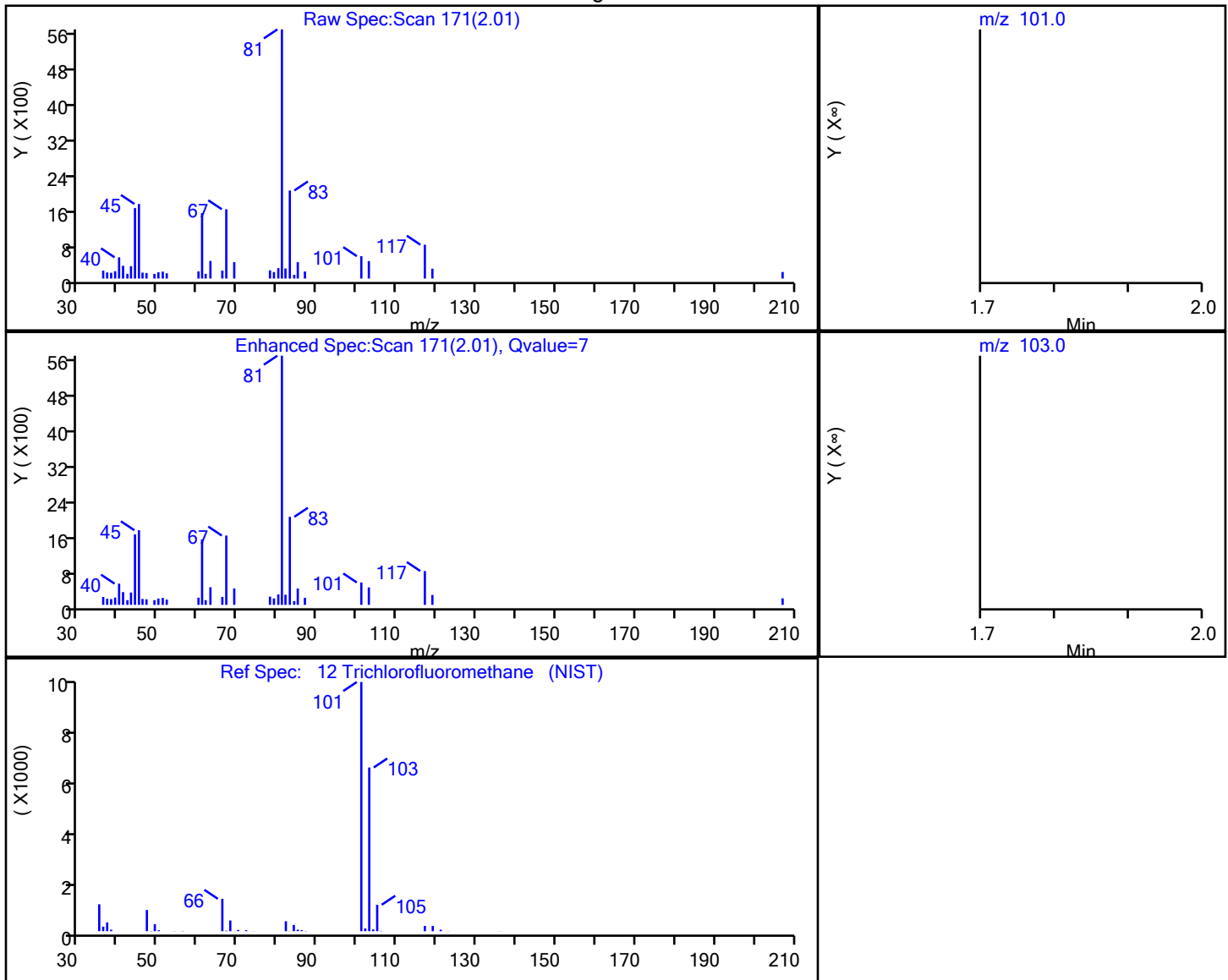
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.01	101.00	1100	0.176421
2.00	103.00	1408	

Reviewer: boykink, 18-Sep-2021 21:11:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-35A Lab Sample ID: 460-242808-2
 Matrix: Water Lab File ID: TT44572.D
 Analysis Method: 8260D Date Collected: 09/08/2021 10:25
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 13:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 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	1.2		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.36	J	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	1.4		1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.38	J	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-35A Lab Sample ID: 460-242808-2
 Matrix: Water Lab File ID: TT44572.D
 Analysis Method: 8260D Date Collected: 09/08/2021 10:25
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 13:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	0.60	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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.43	J	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

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

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-242808-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-35A</u>	Lab Sample ID: <u>460-242808-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT44572.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>09/08/2021 10:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/18/2021 13:11</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>801985</u>	Units: <u>ug/L</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44572.D
 Lims ID: 460-242808-B-2
 Client ID: MW-35A
 Sample Type: Client
 Inject. Date: 18-Sep-2021 13:11:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-2
 Misc. Info.: 460-0134688-021
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:06:25 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:12:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
20 112TCTFE	101	2.128	2.135	-0.007	90	4082	1.16	
* 31 TBA-d9 (IS)	66	2.513	2.519	-0.007	97	37184	1000.0	
* 42 2-Butanone-d5	46	3.384	3.409	-0.025	99	287237	250.0	
52 Chloroform	83	3.677	3.677	0.000	96	9872	1.39	
\$ 55 Dibromofluoromethane (Surr)	113	3.811	3.811	0.000	95	130631	49.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.116	4.122	-0.006	96	161360	49.5	
* 66 Fluorobenzene	96	4.360	4.366	-0.006	97	469339	50.0	
68 Trichloroethene	95	4.689	4.689	0.000	92	1655	0.4303	
* 72 1,4-Dioxane-d8	96	5.103	5.061	0.042	92	9593	1000.0	
77 Dichlorobromomethane	83	5.213	5.219	-0.006	96	1700	0.3789	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	97	423679	51.6	
88 Tetrachloroethene	166	6.560	6.561	-0.001	88	1862	0.5978	
92 Chlorodibromomethane	129	6.951	6.945	0.006	96	877	0.3631	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	91	307765	50.0	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	113414	48.3	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	166448	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44572.D

Injection Date: 18-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-2

Lab Sample ID: 460-242808-2

Client ID: MW-35A

Operator ID:

ALS Bottle#: 20

Worklist Smp#: 21

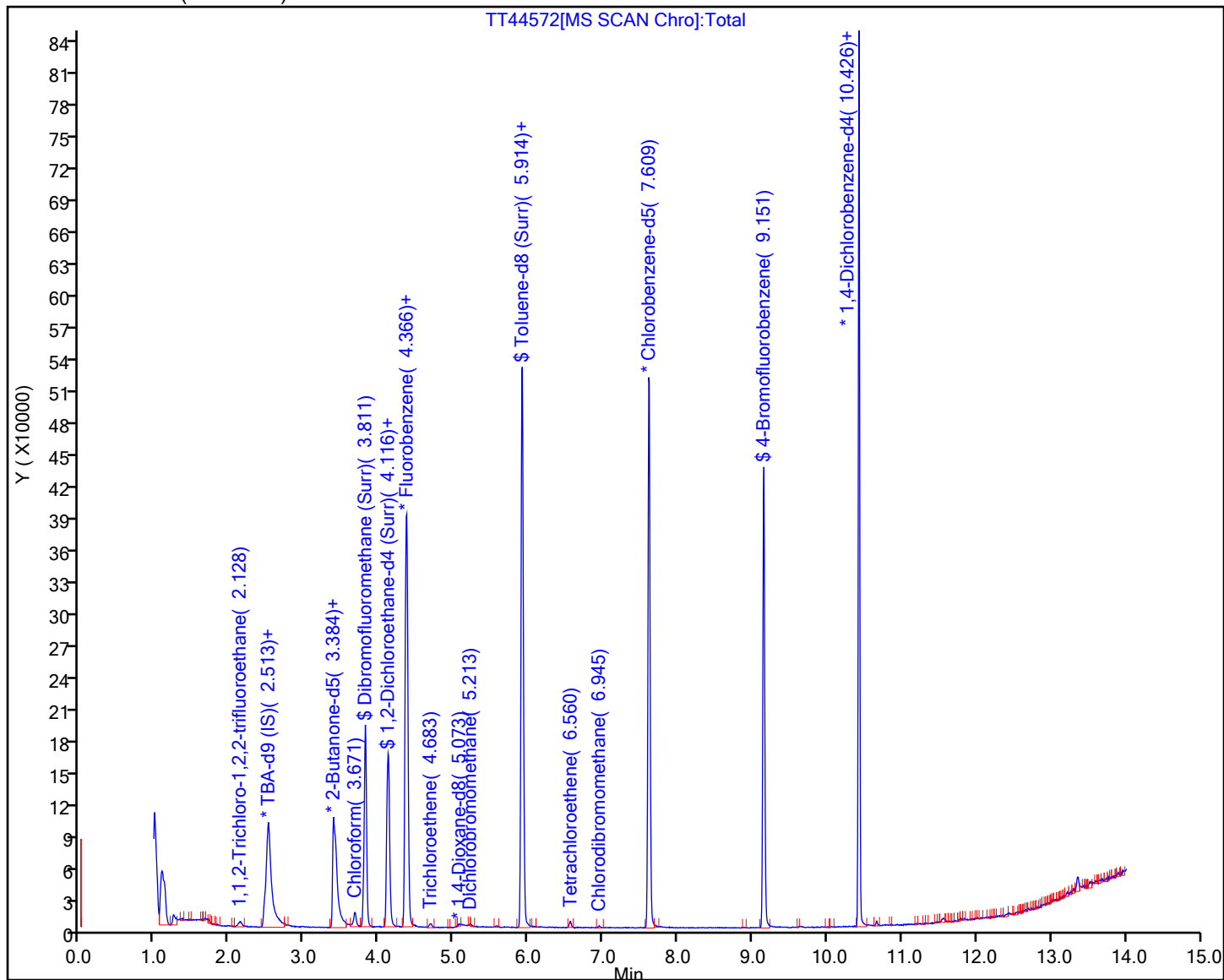
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44572.D

Injection Date: 18-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-2

Lab Sample ID: 460-242808-2

Client ID: MW-35A

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

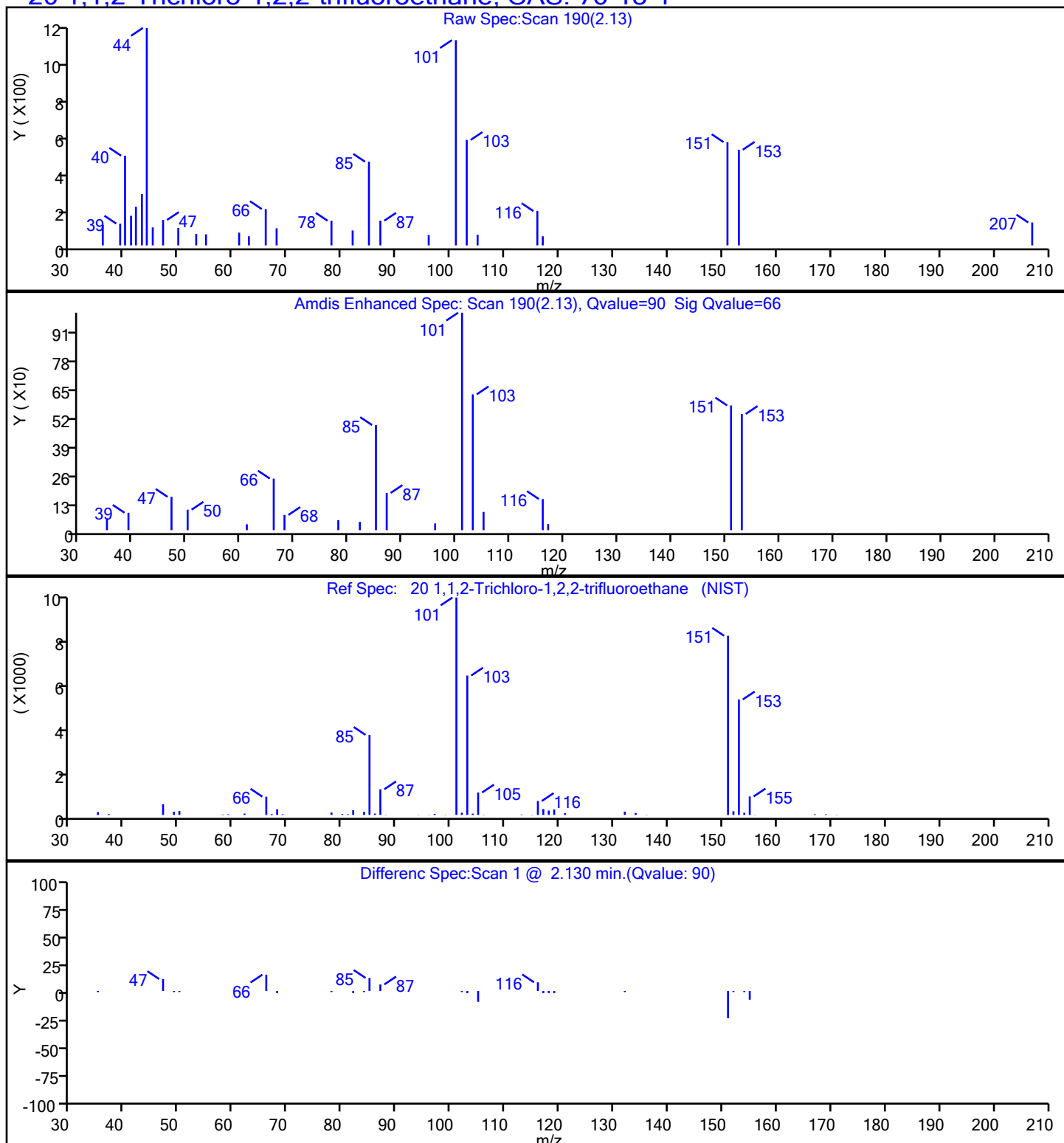
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44572.D

Injection Date: 18-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-2

Lab Sample ID: 460-242808-2

Client ID: MW-35A

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

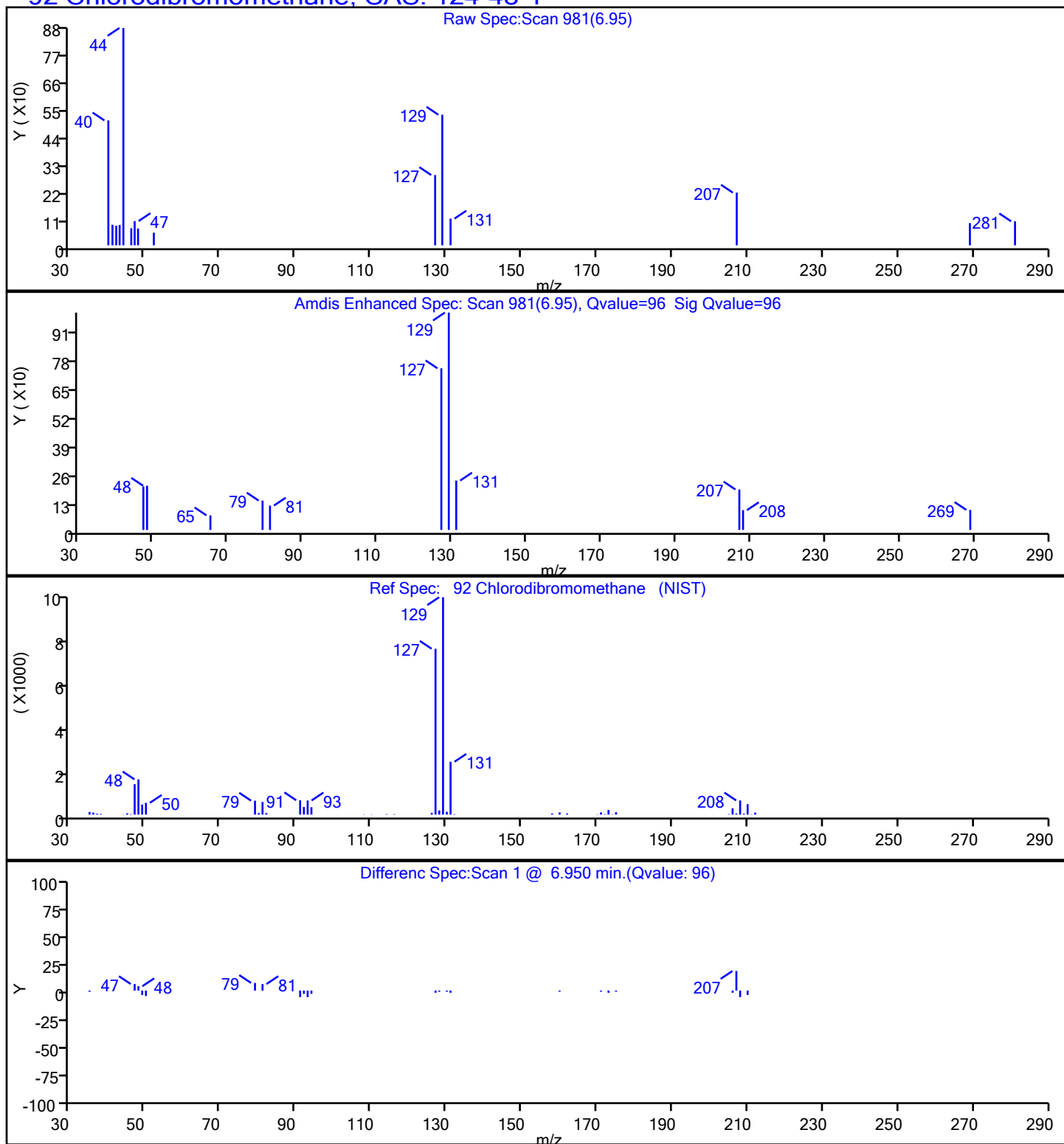
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

92 Chlorodibromomethane, CAS: 124-48-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44572.D

Injection Date: 18-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-2

Lab Sample ID: 460-242808-2

Client ID: MW-35A

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

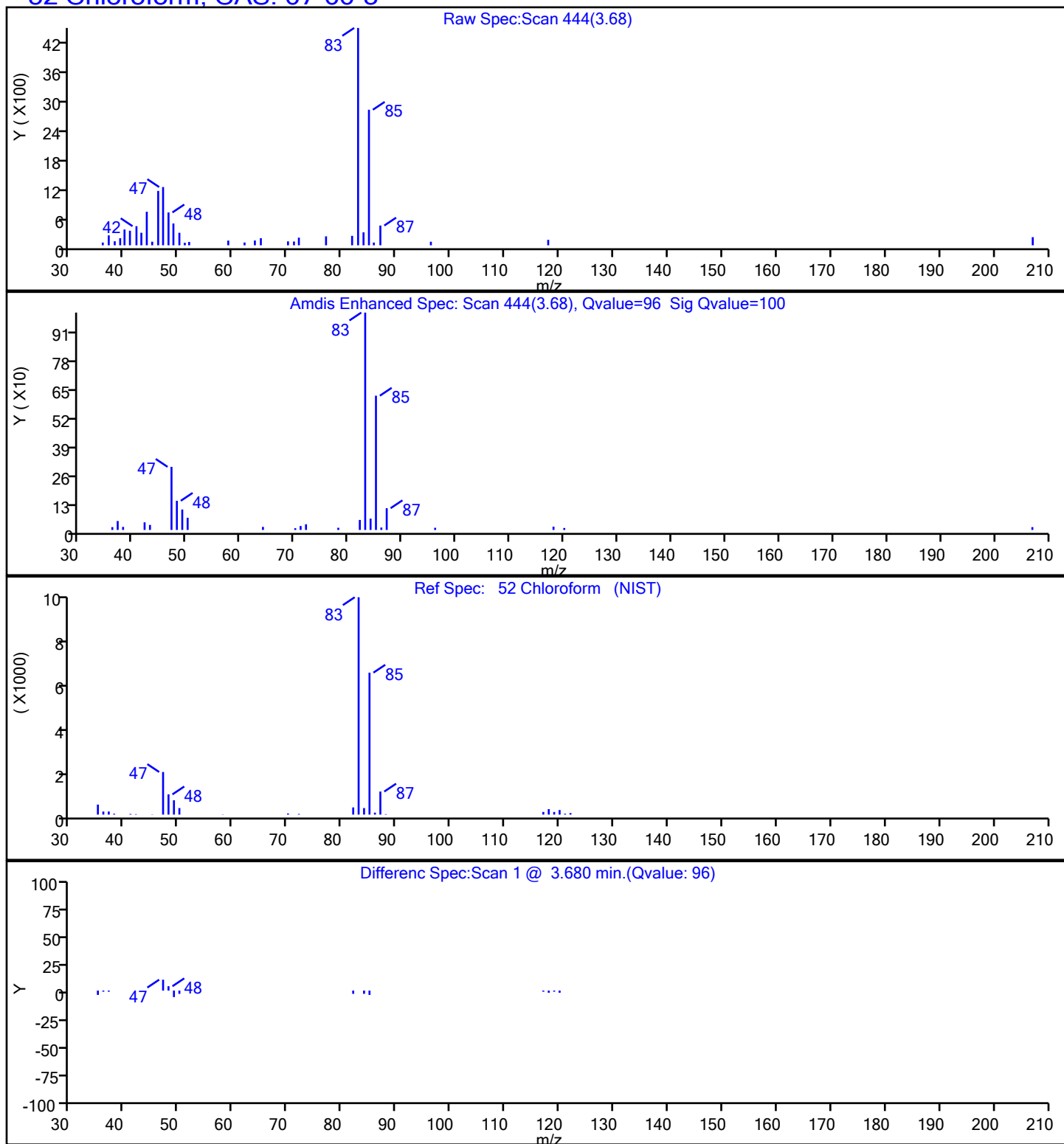
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44572.D

Injection Date: 18-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-2

Lab Sample ID: 460-242808-2

Client ID: MW-35A

Operator ID:

ALS Bottle#:

Worklist Smp#: 21

Purge Vol: 5.000 mL

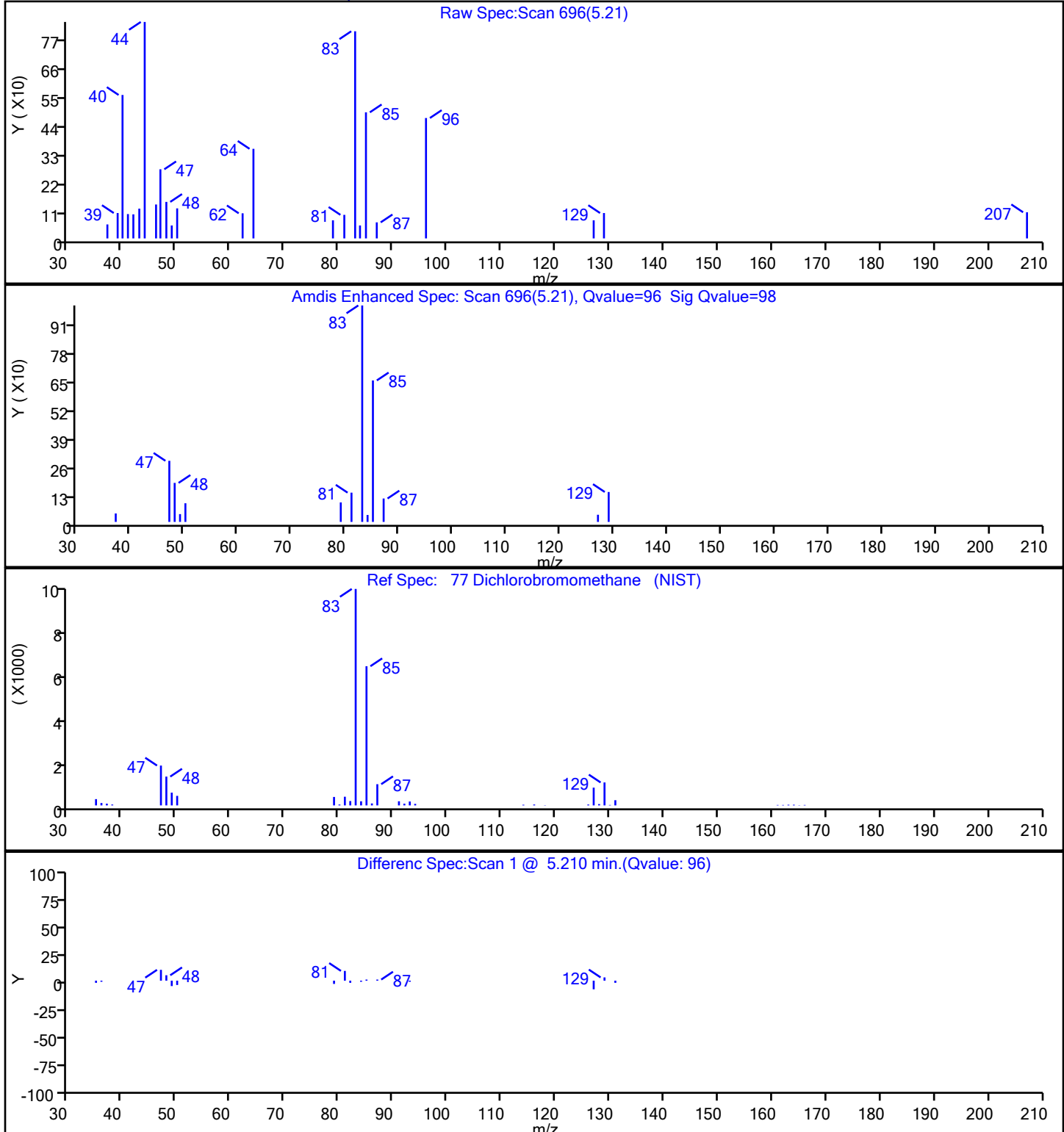
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

77 Dichlorobromomethane, CAS: 75-27-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44572.D

Injection Date: 18-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-2

Lab Sample ID: 460-242808-2

Client ID: MW-35A

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

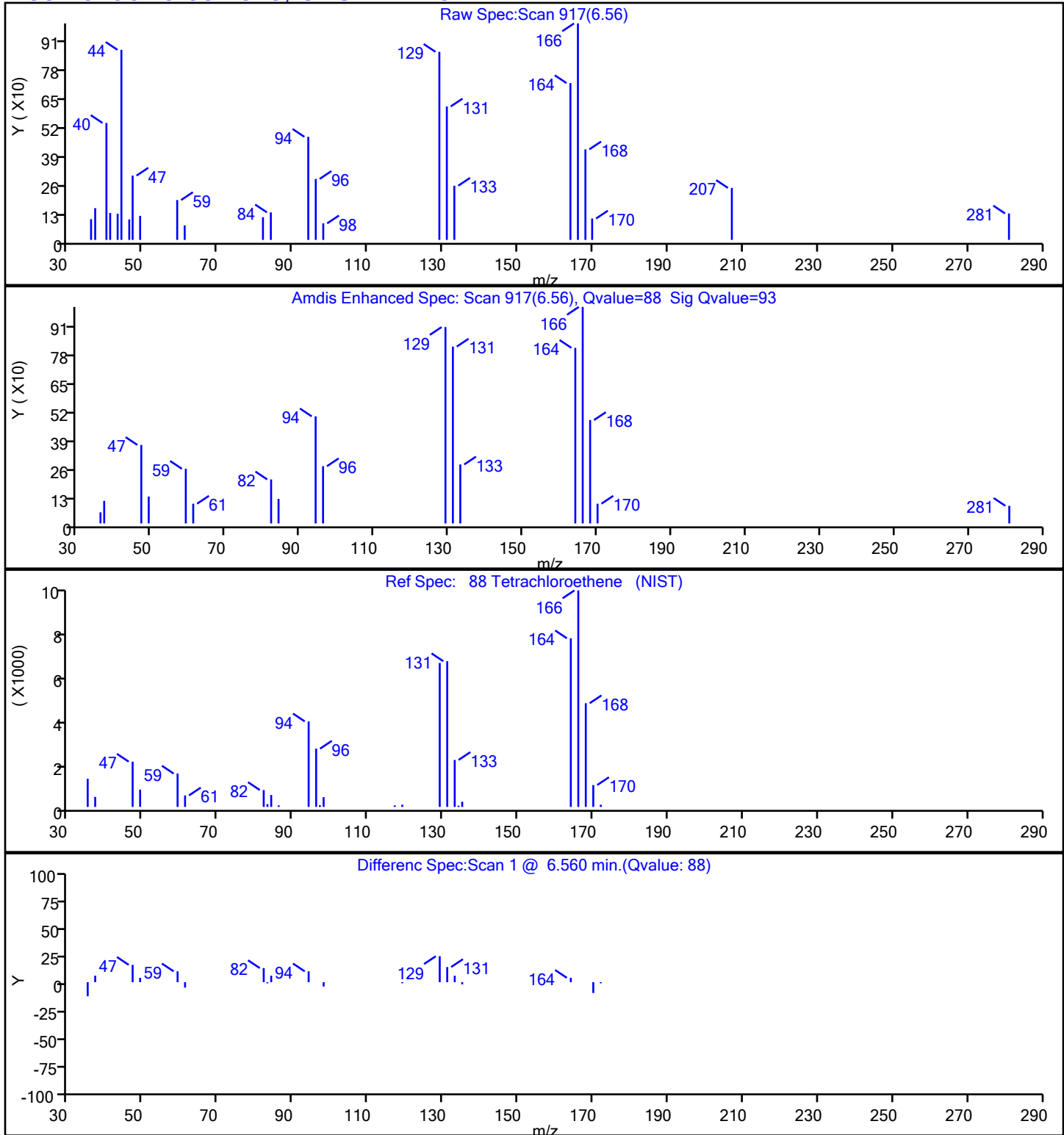
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44572.D

Injection Date: 18-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-2

Lab Sample ID: 460-242808-2

Client ID: MW-35A

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

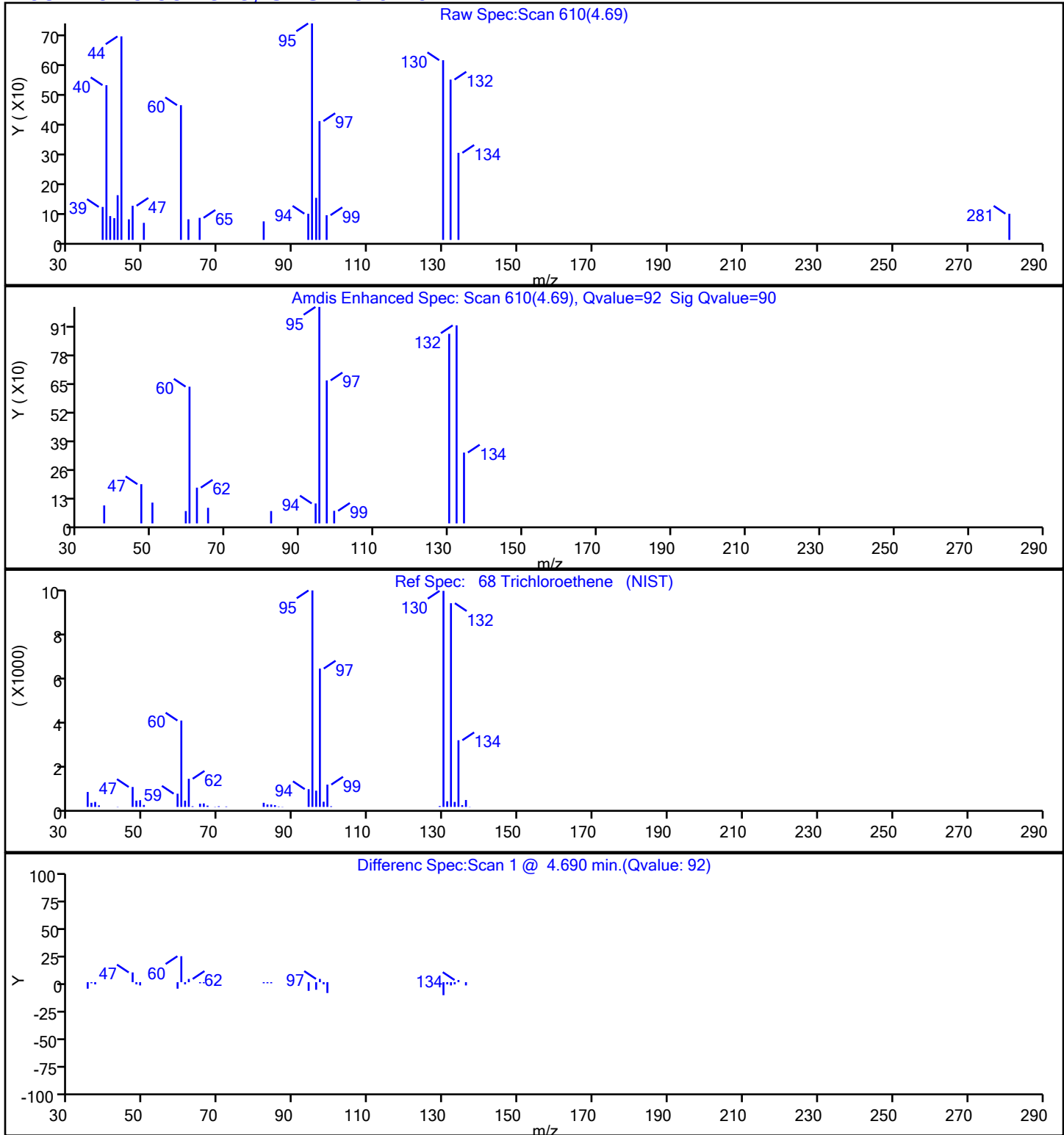
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44572.D

Injection Date: 18-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-2

Lab Sample ID: 460-242808-2

Client ID: MW-35A

Operator ID:

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

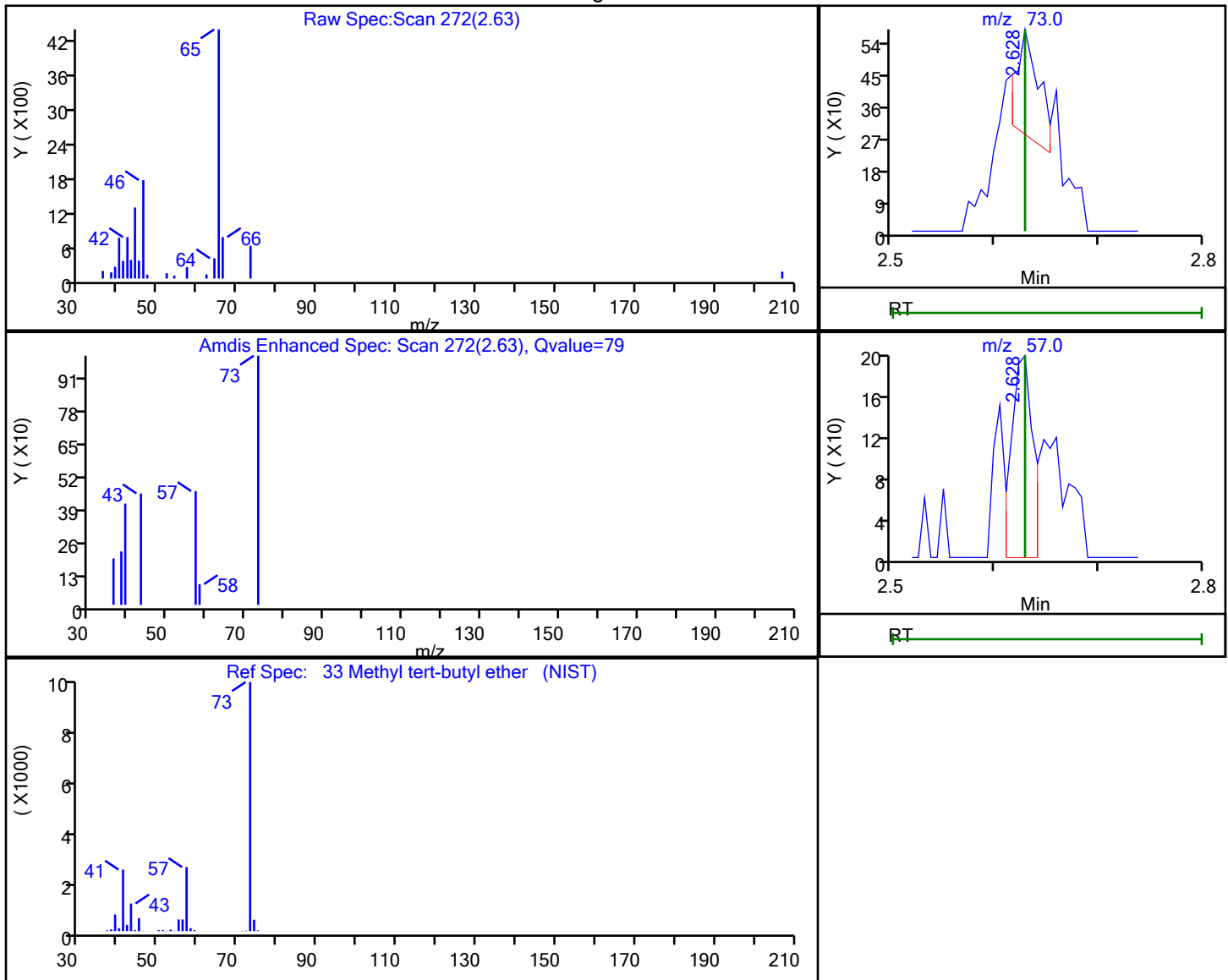
Column: DB-624 (0.18 mm)

Detector

MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.63	73.00	461	0.039968
2.63	57.00	295	

Reviewer: xuyvo, 19-Sep-2021 13:06:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Client Sample ID: MW-10A Lab Sample ID: 460-242808-3

Matrix: Water Lab File ID: TT44573.D

Analysis Method: 8260D Date Collected: 09/08/2021 11:30

Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 13:32

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 801985 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	21		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.36	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-10A Lab Sample ID: 460-242808-3
 Matrix: Water Lab File ID: TT44573.D
 Analysis Method: 8260D Date Collected: 09/08/2021 11:30
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 13:32
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	100		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: MW-10A Lab Sample ID: 460-242808-3
Matrix: Water Lab File ID: TT44573.D
Analysis Method: 8260D Date Collected: 09/08/2021 11:30
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 13:32
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44573.D
 Lims ID: 460-242808-B-3
 Client ID: MW-10A
 Sample Type: Client
 Inject. Date: 18-Sep-2021 13:32:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-3
 Misc. Info.: 460-0134688-022
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:06:25 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:13:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
20 112TCTFE	101	2.147	2.135	0.012	93	78978	20.8	
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	98	43276	1000.0	
* 42 2-Butanone-d5	46	3.390	3.409	-0.019	100	309982	250.0	
52 Chloroform	83	3.683	3.677	0.006	91	2732	0.3579	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.811	0.006	96	141107	50.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	95	177665	50.6	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	505561	50.0	
* 72 1,4-Dioxane-d8	96	5.091	5.061	0.030	92	12818	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	449763	52.4	
88 Tetrachloroethene	166	6.560	6.561	-0.001	94	324417	99.6	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	91	321968	50.0	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	116824	47.5	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	173191	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44573.D

Injection Date: 18-Sep-2021 13:32:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-3

Lab Sample ID: 460-242808-3

Client ID: MW-10A

Operator ID:

ALS Bottle#: 21

Worklist Smp#: 22

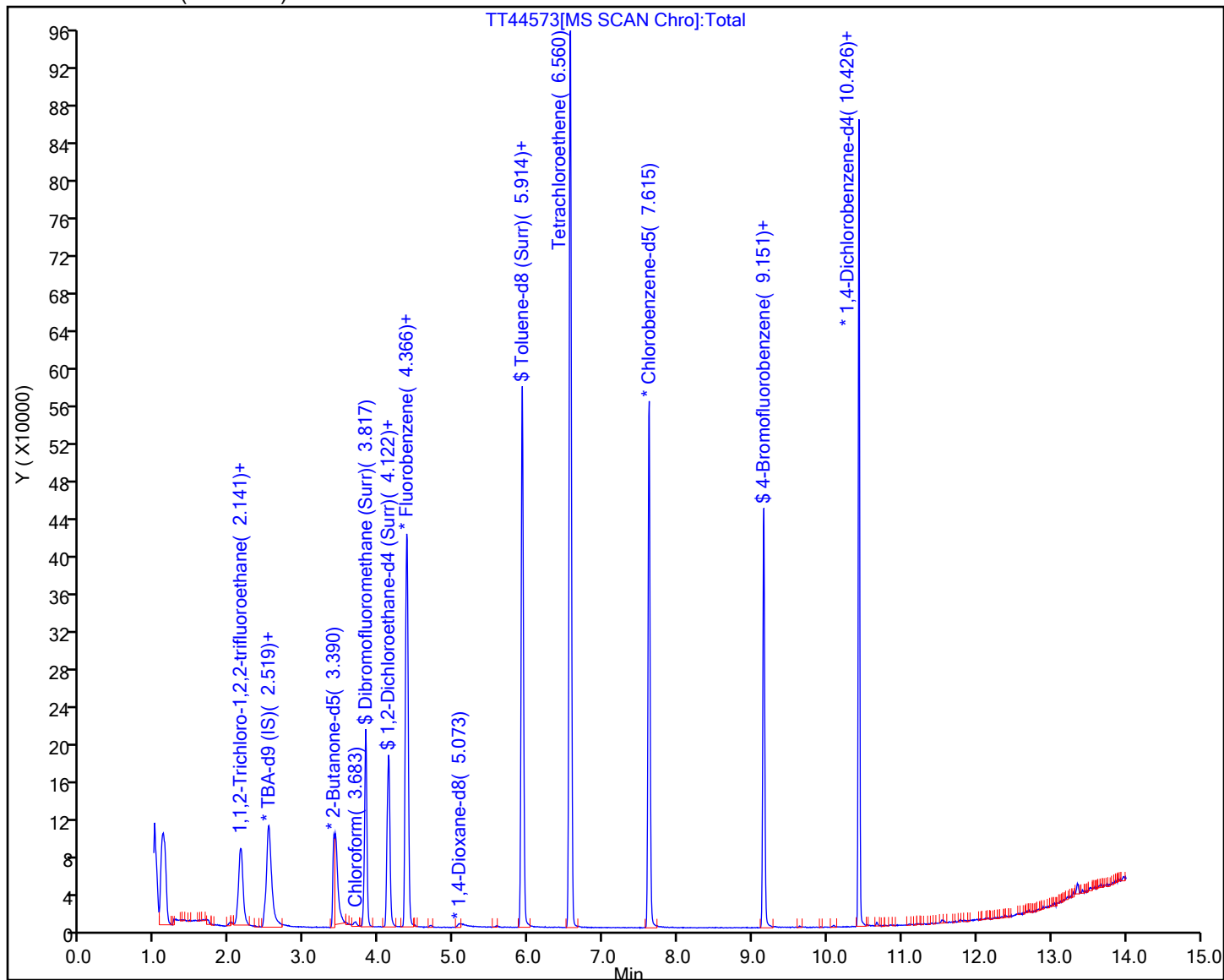
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44573.D

Injection Date: 18-Sep-2021 13:32:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-3

Lab Sample ID: 460-242808-3

Client ID: MW-10A

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

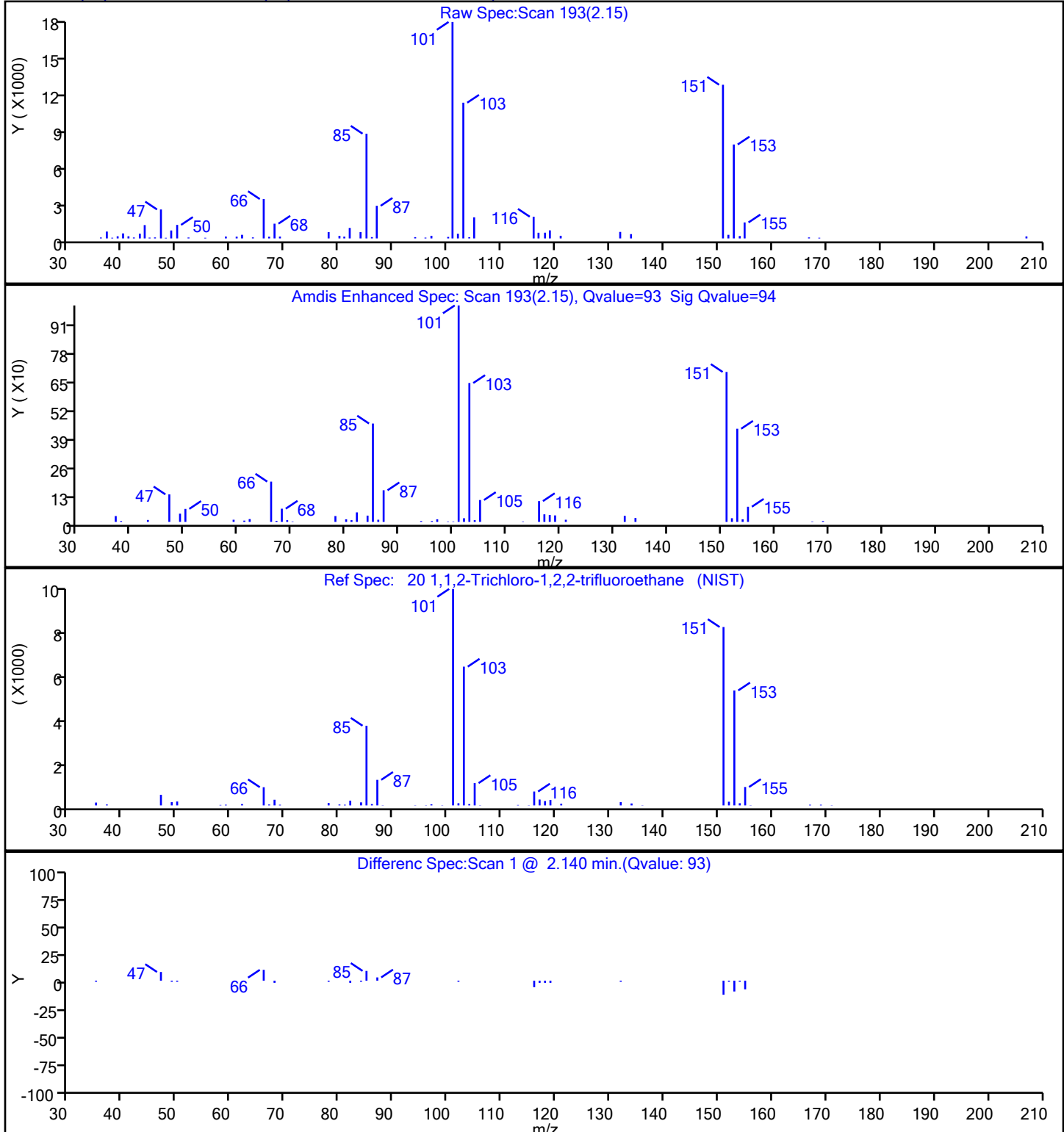
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44573.D

Injection Date: 18-Sep-2021 13:32:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-3

Lab Sample ID: 460-242808-3

Client ID: MW-10A

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

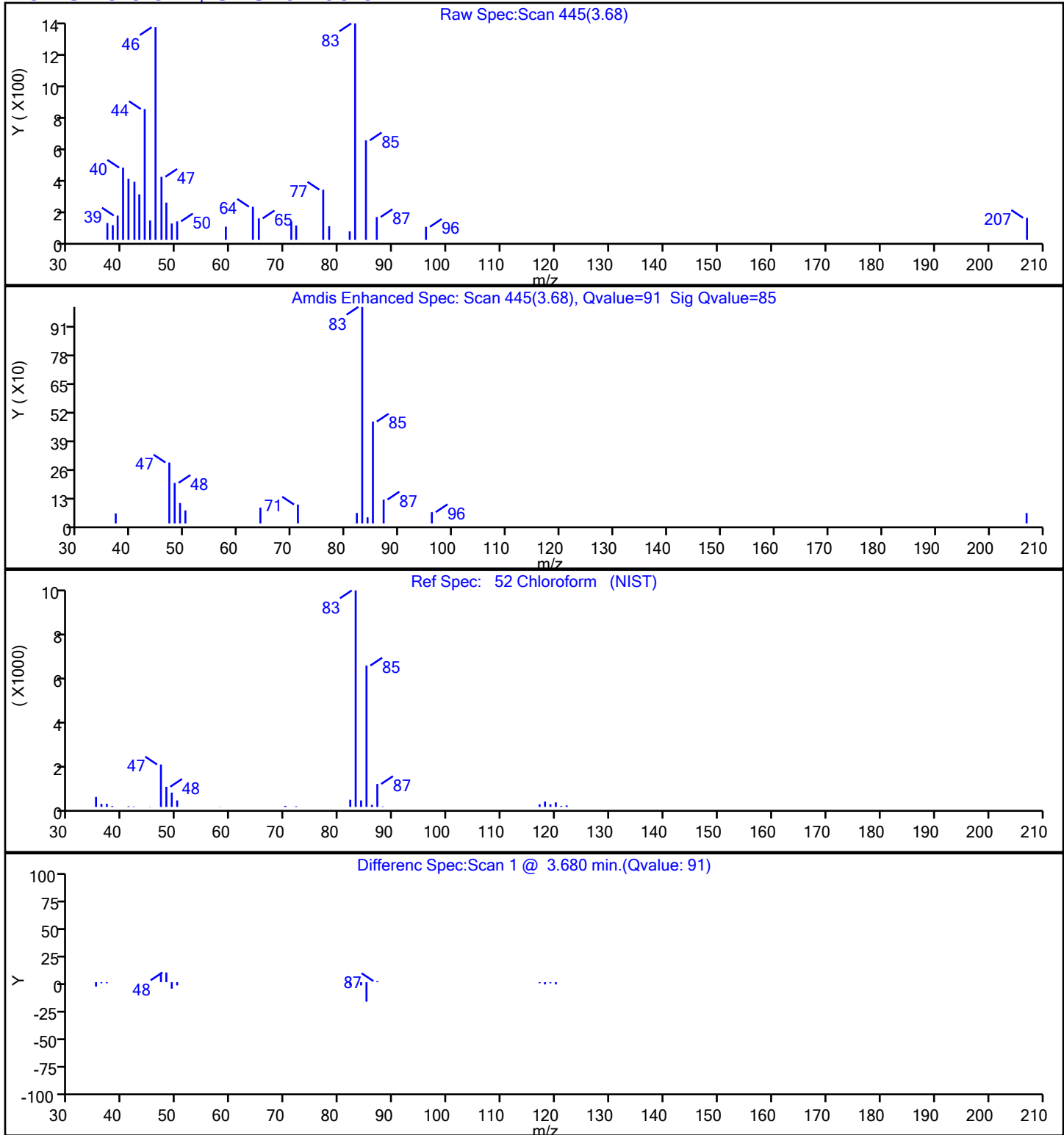
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44573.D

Injection Date: 18-Sep-2021 13:32:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-3

Lab Sample ID: 460-242808-3

Client ID: MW-10A

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

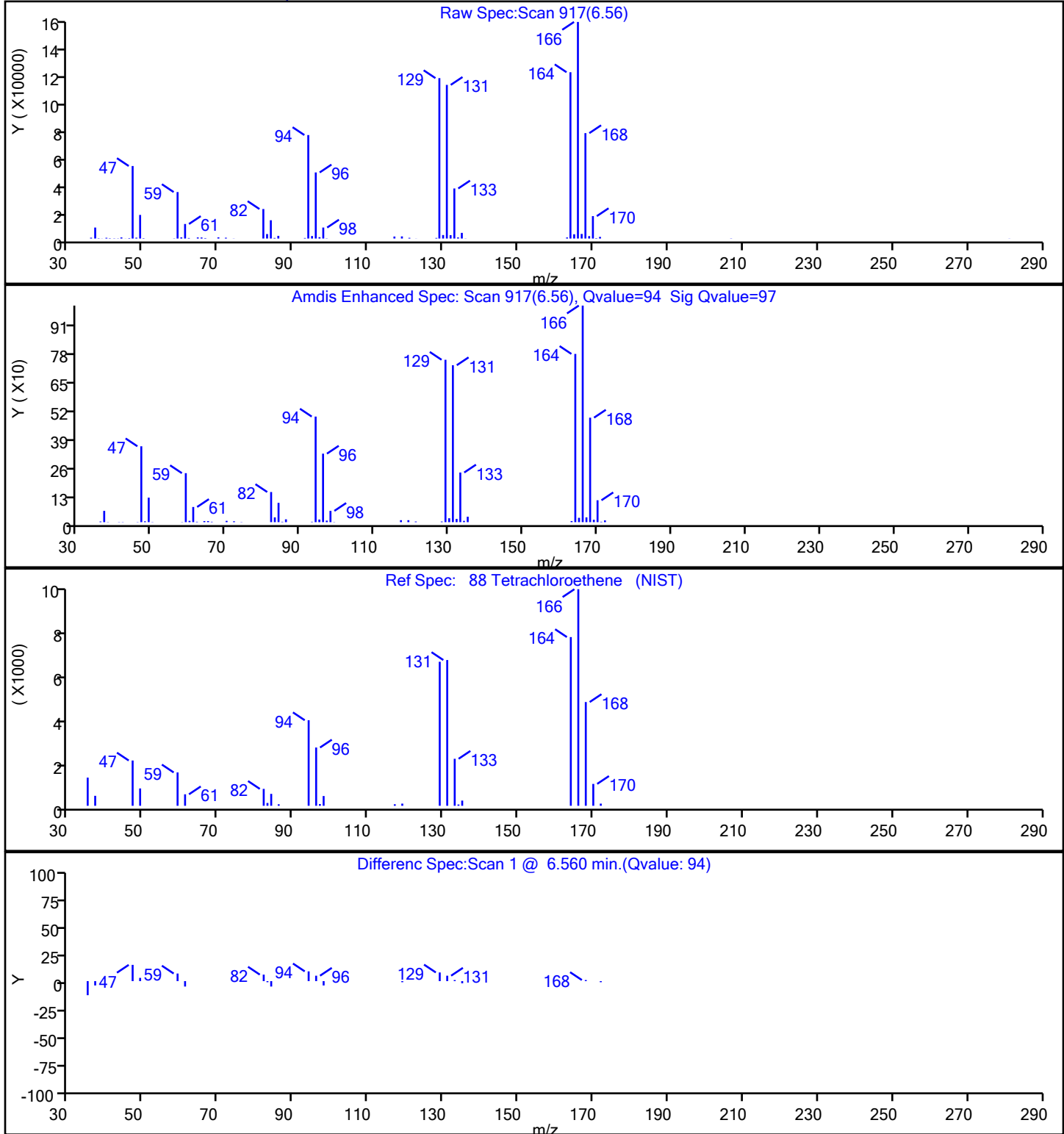
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44573.D

Injection Date: 18-Sep-2021 13:32:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-3

Lab Sample ID: 460-242808-3

Client ID: MW-10A

Operator ID:

ALS Bottle#:

21

Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

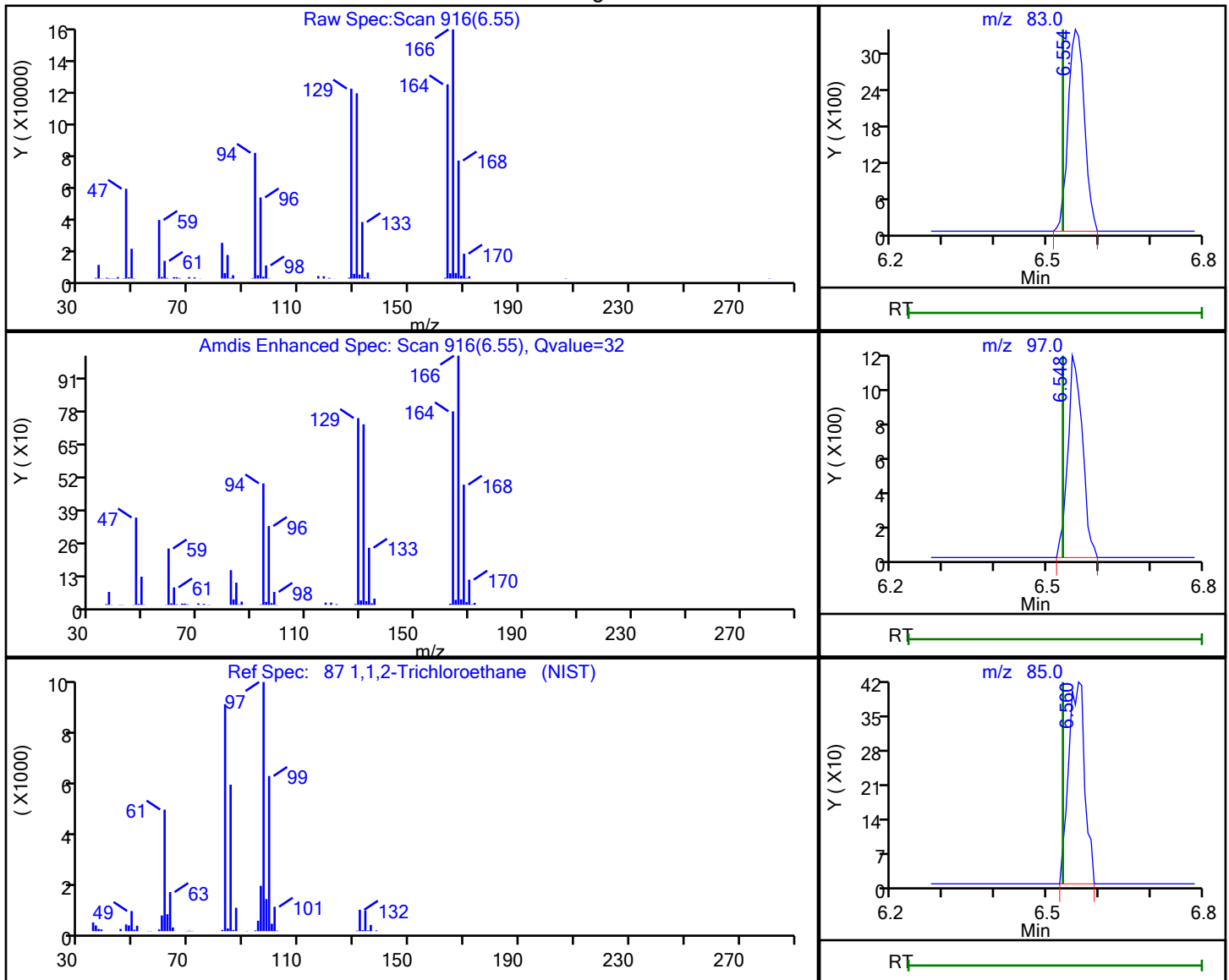
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.55	83.00	7285	2.715704
6.55	97.00	2291	
6.56	85.00	906	

Reviewer: boykink, 18-Sep-2021 21:13:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-10 Lab Sample ID: 460-242808-4
 Matrix: Water Lab File ID: TT44574.D
 Analysis Method: 8260D Date Collected: 09/08/2021 12:00
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 13:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 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	5.2		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-10 Lab Sample ID: 460-242808-4
 Matrix: Water Lab File ID: TT44574.D
 Analysis Method: 8260D Date Collected: 09/08/2021 12:00
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 13:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	8.2		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: MW-10 Lab Sample ID: 460-242808-4
Matrix: Water Lab File ID: TT44574.D
Analysis Method: 8260D Date Collected: 09/08/2021 12:00
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 13:53
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44574.D
 Lims ID: 460-242808-B-4
 Client ID: MW-10
 Sample Type: Client
 Inject. Date: 18-Sep-2021 13:53:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-4
 Misc. Info.: 460-0134688-023
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:06:25 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:13:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
20 112TCTFE	101	2.141	2.135	0.006	93	20432	5.16	
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	97	43391	1000.0	
* 42 2-Butanone-d5	46	3.390	3.409	-0.019	100	322420	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.811	0.006	95	146816	50.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	95	181915	49.7	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	526395	50.0	
* 72 1,4-Dioxane-d8	96	5.079	5.061	0.018	90	13748	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	464623	51.8	
88 Tetrachloroethene	166	6.561	6.561	0.000	93	28056	8.25	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	91	336227	50.0	
\$ 105 4-Bromofluorobenzene	174	9.152	9.151	0.001	0	123724	48.2	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	182422	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44574.D

Injection Date: 18-Sep-2021 13:53:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-4

Lab Sample ID: 460-242808-4

Client ID: MW-10

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

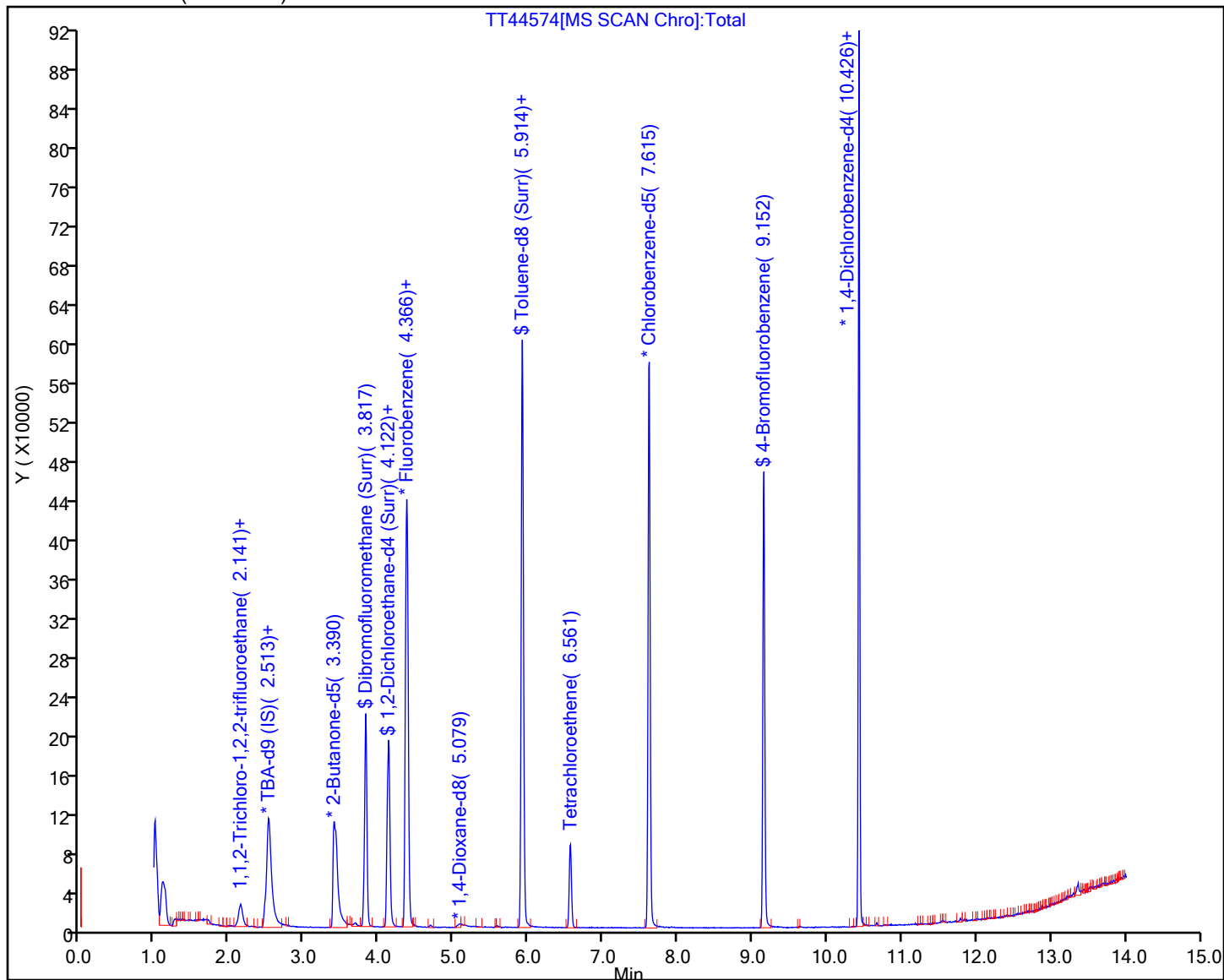
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44574.D

Injection Date: 18-Sep-2021 13:53:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-4

Lab Sample ID: 460-242808-4

Client ID: MW-10

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

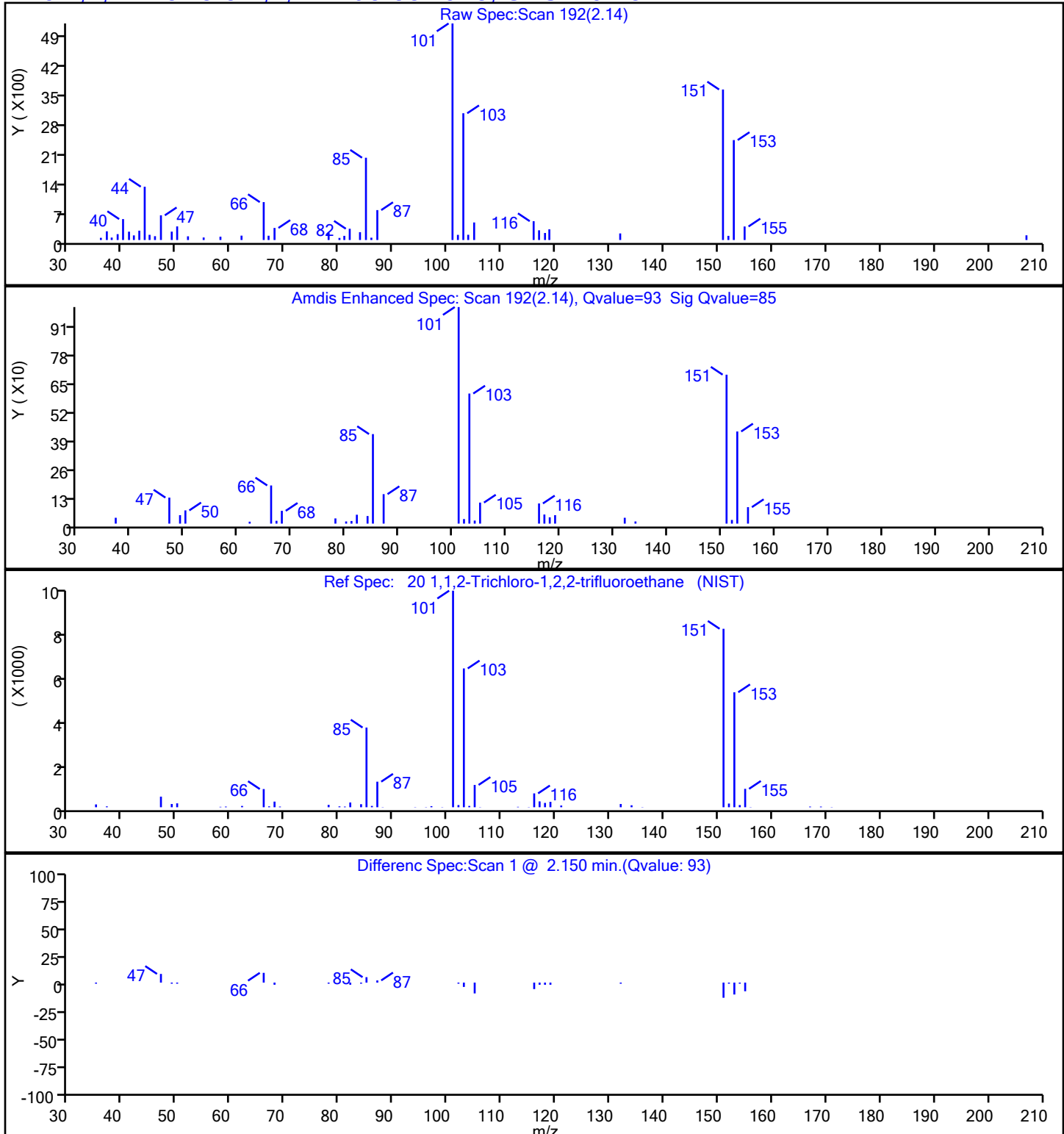
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44574.D

Injection Date: 18-Sep-2021 13:53:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-4

Lab Sample ID: 460-242808-4

Client ID: MW-10

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

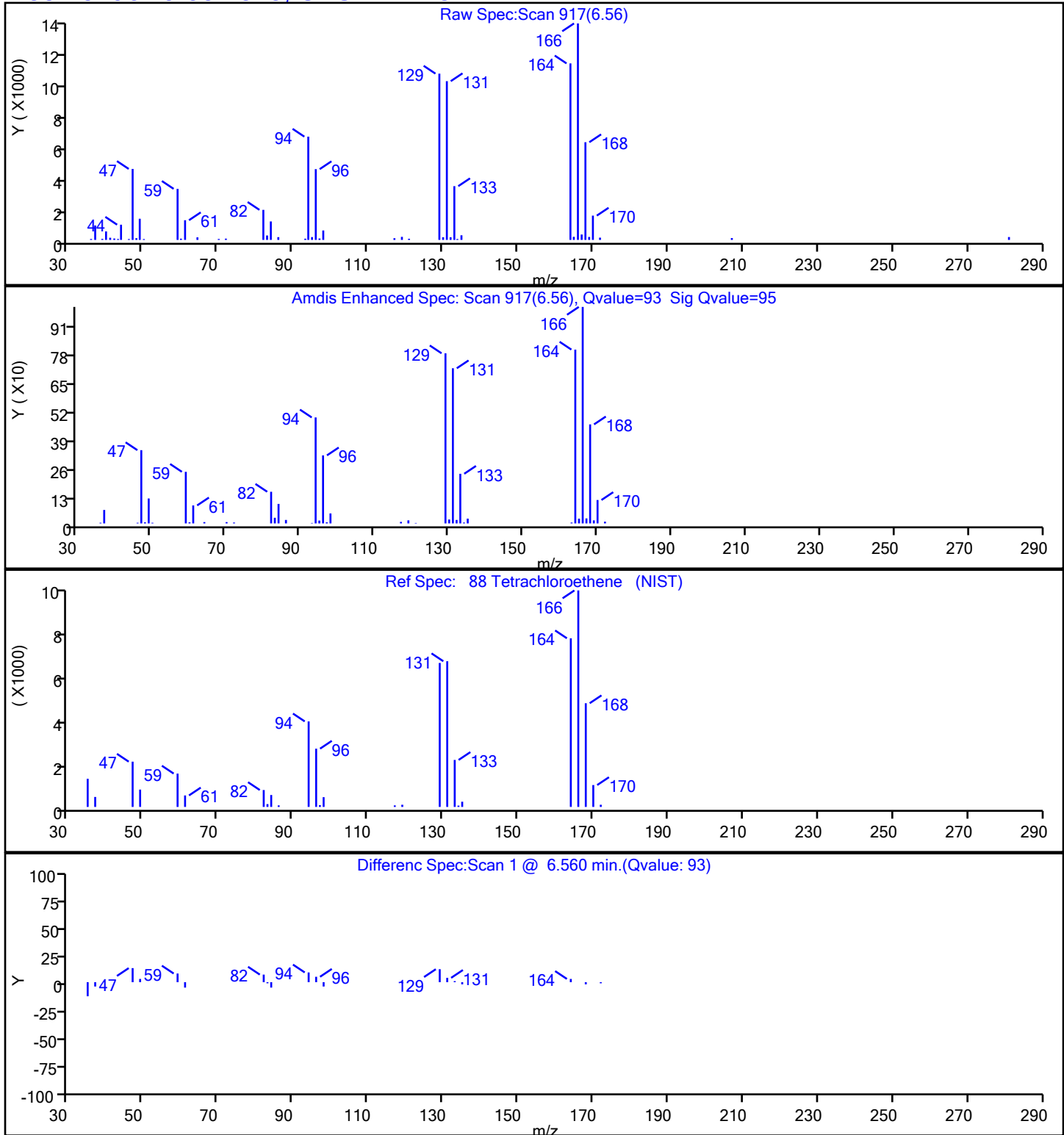
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Client Sample ID: MW-11B Lab Sample ID: 460-242808-5

Matrix: Water Lab File ID: TT44575.D

Analysis Method: 8260D Date Collected: 09/08/2021 12:30

Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 14:13

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 801985 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	16		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.52	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-11B Lab Sample ID: 460-242808-5
 Matrix: Water Lab File ID: TT44575.D
 Analysis Method: 8260D Date Collected: 09/08/2021 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 14:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.72	J	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	19		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	1.2		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: MW-11B Lab Sample ID: 460-242808-5
Matrix: Water Lab File ID: TT44575.D
Analysis Method: 8260D Date Collected: 09/08/2021 12:30
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 14:13
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 1 TIC Result Total: 7.9

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Difluorochloromethane	1.24	7.9	J N	91%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44575.D
 Lims ID: 460-242808-B-5
 Client ID: MW-11B
 Sample Type: Client
 Inject. Date: 18-Sep-2021 14:13:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-5
 Misc. Info.: 460-0134688-024
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:07:54 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:14:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
20 112TCTFE	101	2.129	2.135	-0.006	92	58382	16.4	
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	98	39998	1000.0	
33 Methyl tert-butyl ether	73	2.622	2.628	-0.006	97	8410	0.7243	M
* 42 2-Butanone-d5	46	3.384	3.409	-0.025	99	294574	250.0	
52 Chloroform	83	3.677	3.677	0.000	95	3681	0.5160	
\$ 55 Dibromofluoromethane (Surr)	113	3.811	3.811	0.000	95	133913	50.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.116	4.122	-0.006	96	165140	50.3	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	472467	50.0	
68 Trichloroethene	95	4.671	4.689	-0.018	94	4701	1.21	
* 72 1,4-Dioxane-d8	96	5.098	5.061	0.037	91	10824	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.908	5.914	-0.006	98	429877	50.8	
88 Tetrachloroethene	166	6.561	6.561	0.000	93	62267	19.4	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	91	317323	50.0	
\$ 105 4-Bromofluorobenzene	174	9.152	9.151	0.001	0	115860	47.8	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	172853	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44575.D
 Lims ID: 460-242808-B-5
 Client ID: MW-11B
 Sample Type: Client
 Inject. Date: 18-Sep-2021 14:13:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-5
 Misc. Info.: 460-0134688-024
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:07:54 Calib Date: 10-Sep-2021 12:08:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Edison\Database\NIST02.L
 Min. Match: 70
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610
 First Level Reviewer: boykink Date: 18-Sep-2021 21:14:58

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
75-45-6								
1.238	170121	7.94	66	91	1814	CHClF2	86	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 66 Fluorobenzene	4.360	1071053	50.0

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00048 Amount Added: 5.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44575.D

Injection Date: 18-Sep-2021 14:13:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-5

Lab Sample ID: 460-242808-5

Client ID: MW-11B

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 24

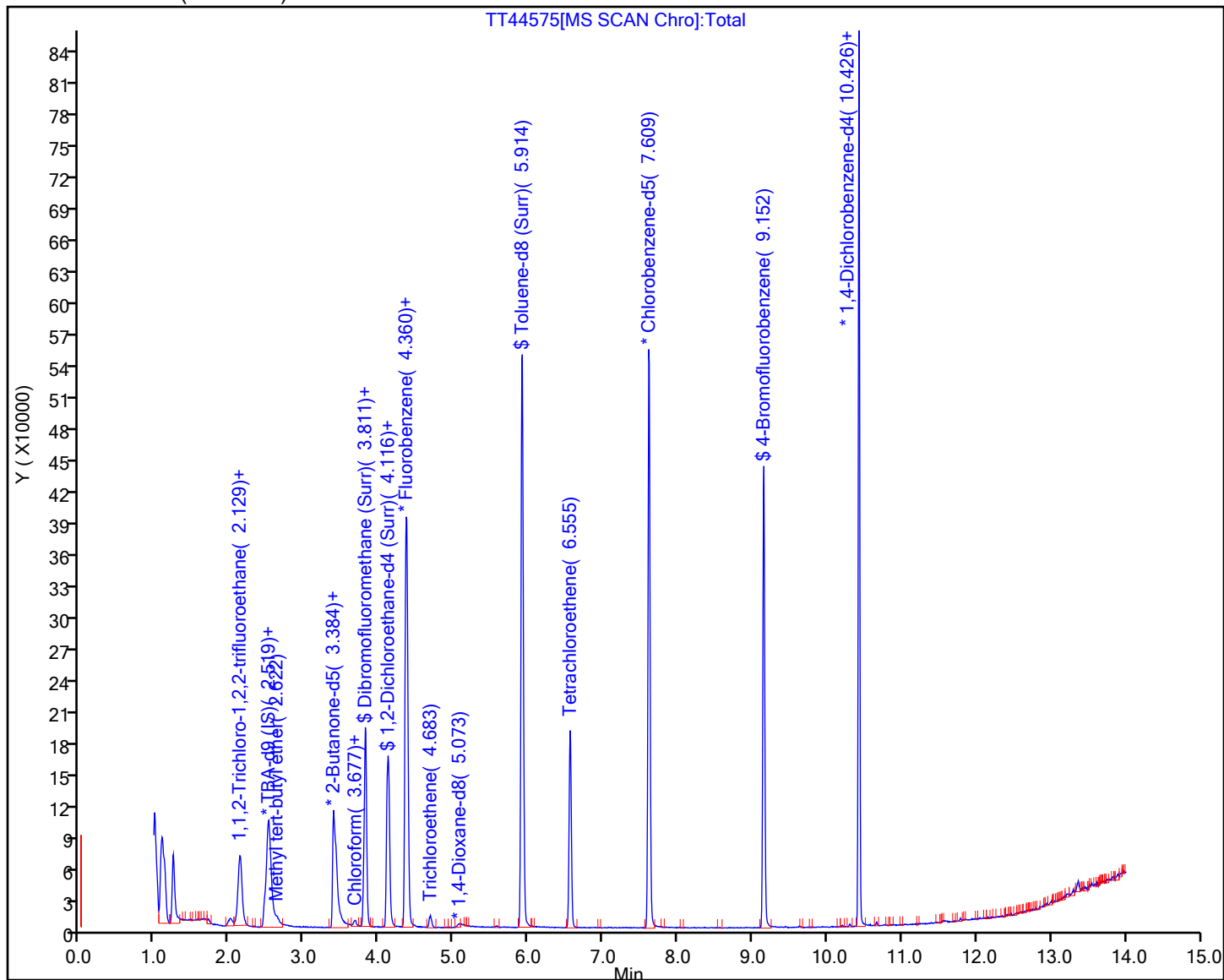
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44575.D

Injection Date: 18-Sep-2021 14:13:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-5

Lab Sample ID: 460-242808-5

Client ID: MW-11B

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

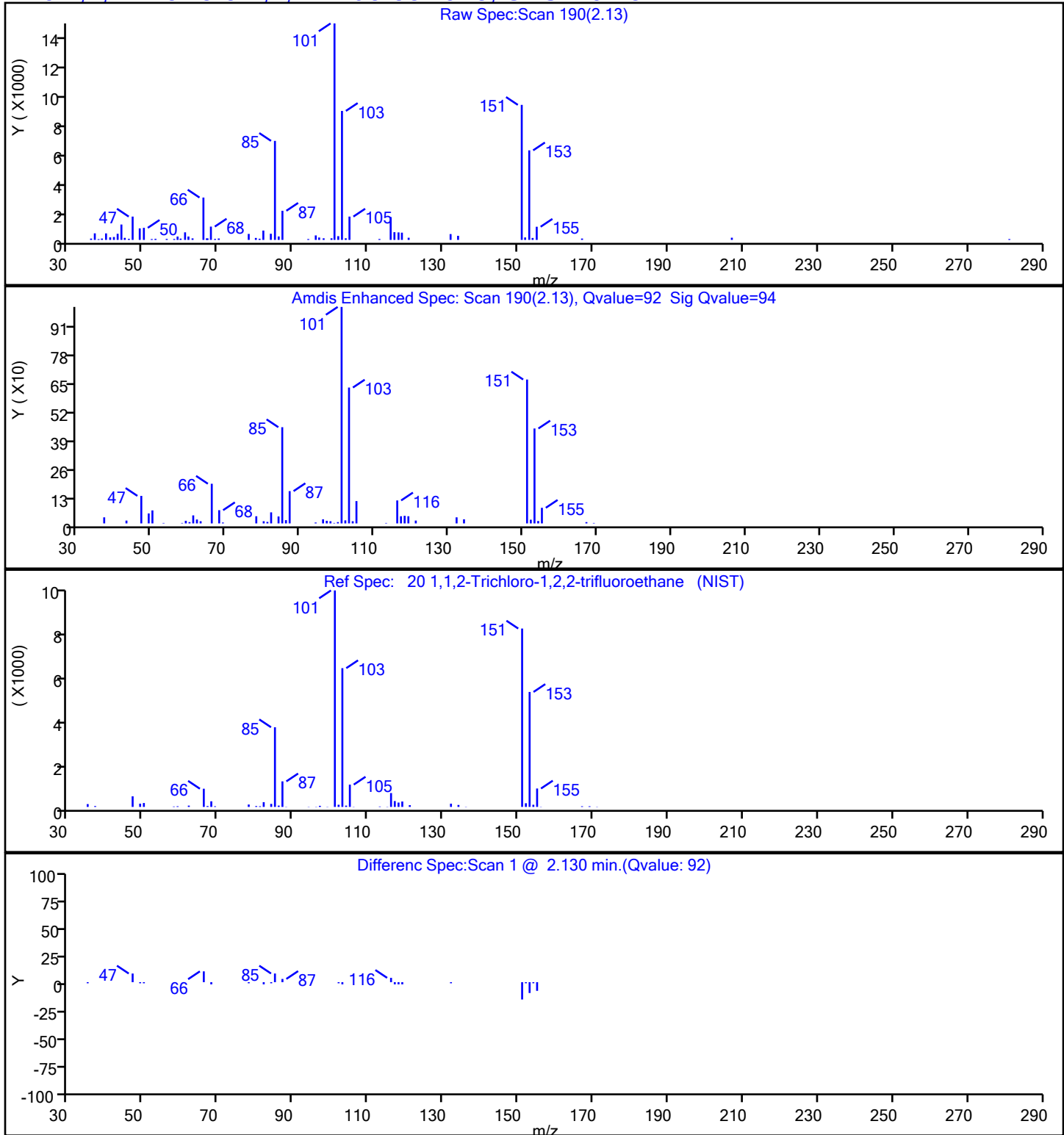
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44575.D

Injection Date: 18-Sep-2021 14:13:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-5

Lab Sample ID: 460-242808-5

Client ID: MW-11B

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

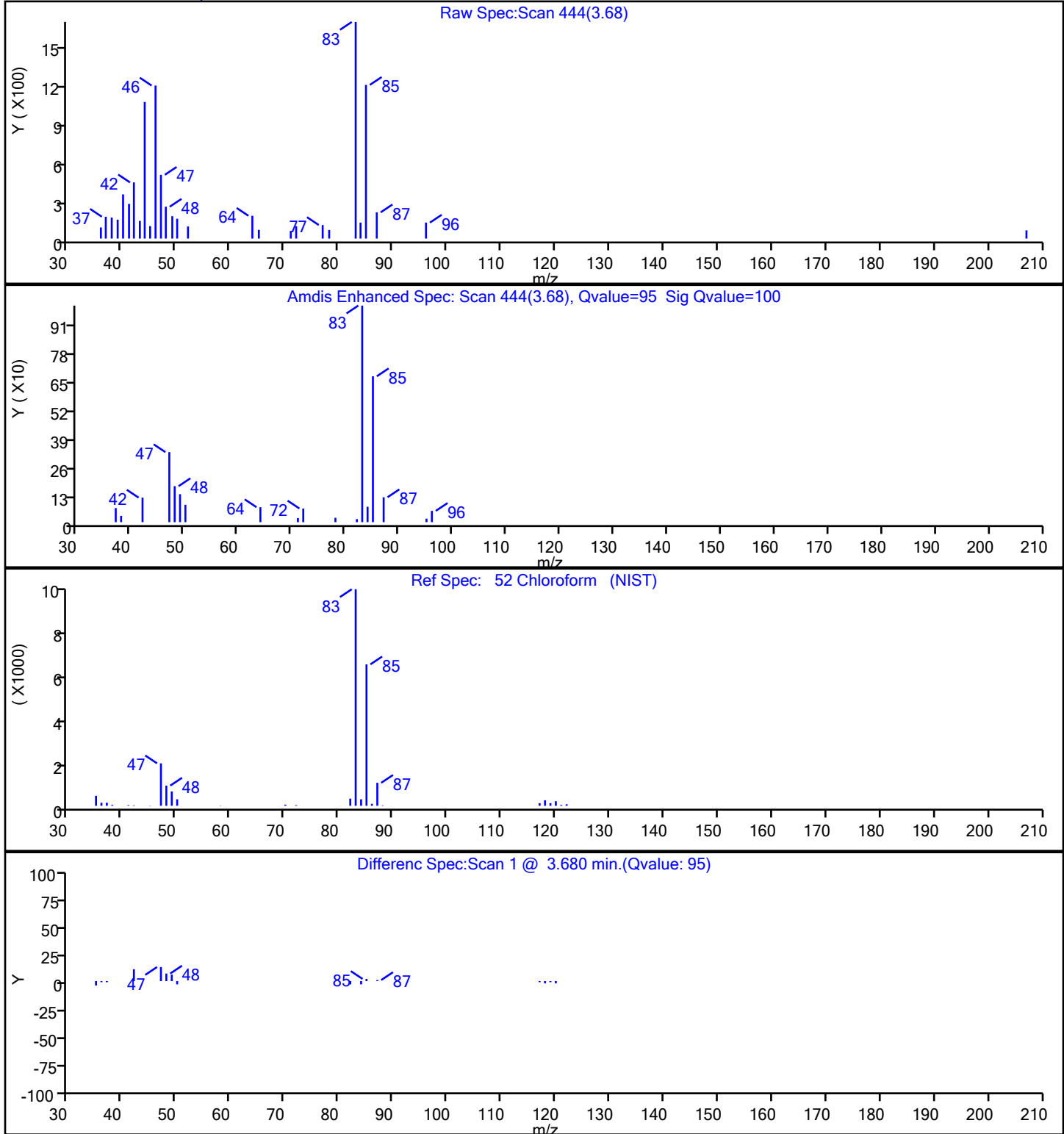
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44575.D

Injection Date: 18-Sep-2021 14:13:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-5

Lab Sample ID: 460-242808-5

Client ID: MW-11B

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

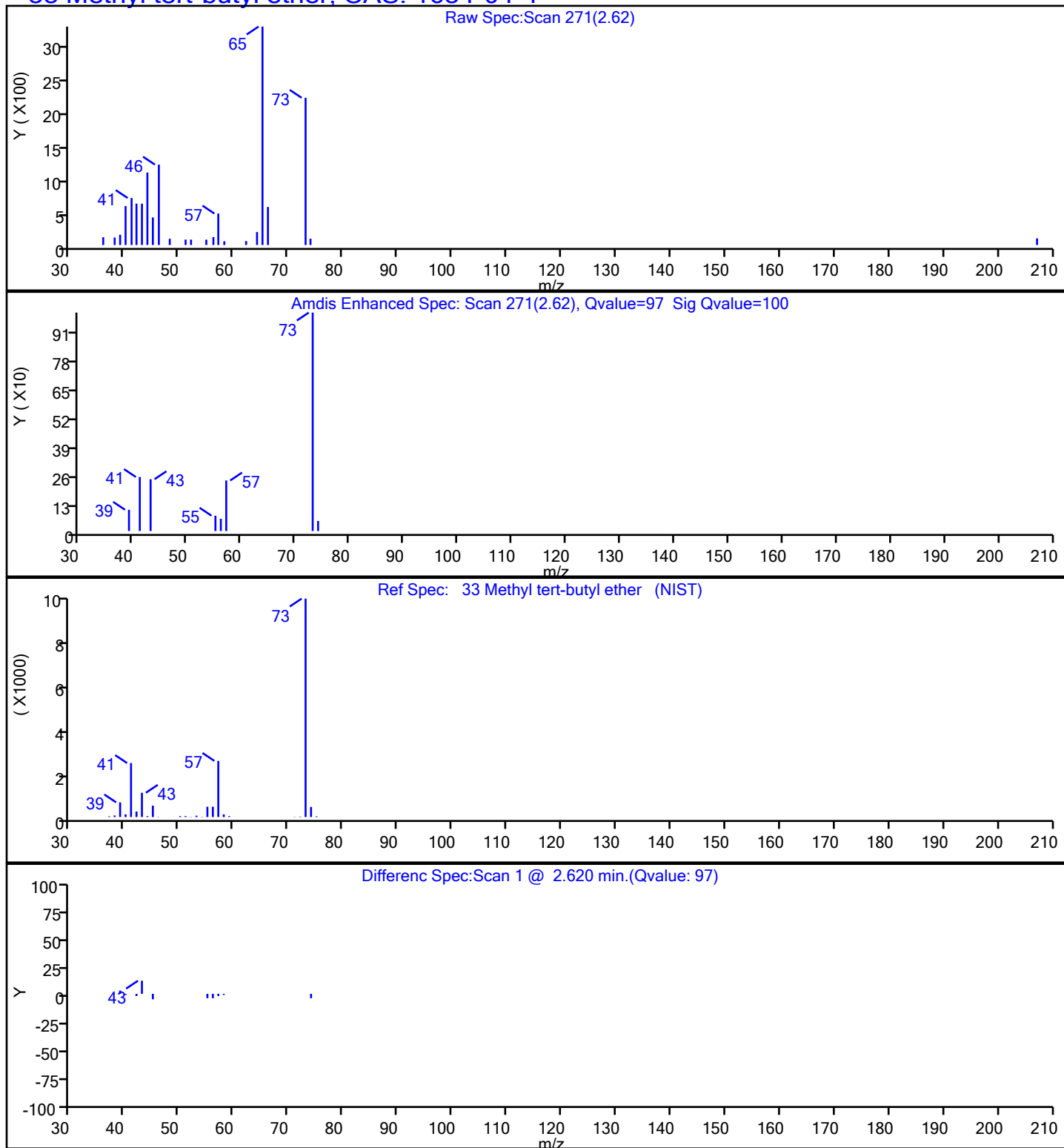
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44575.D

Injection Date: 18-Sep-2021 14:13:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-5

Lab Sample ID: 460-242808-5

Client ID: MW-11B

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

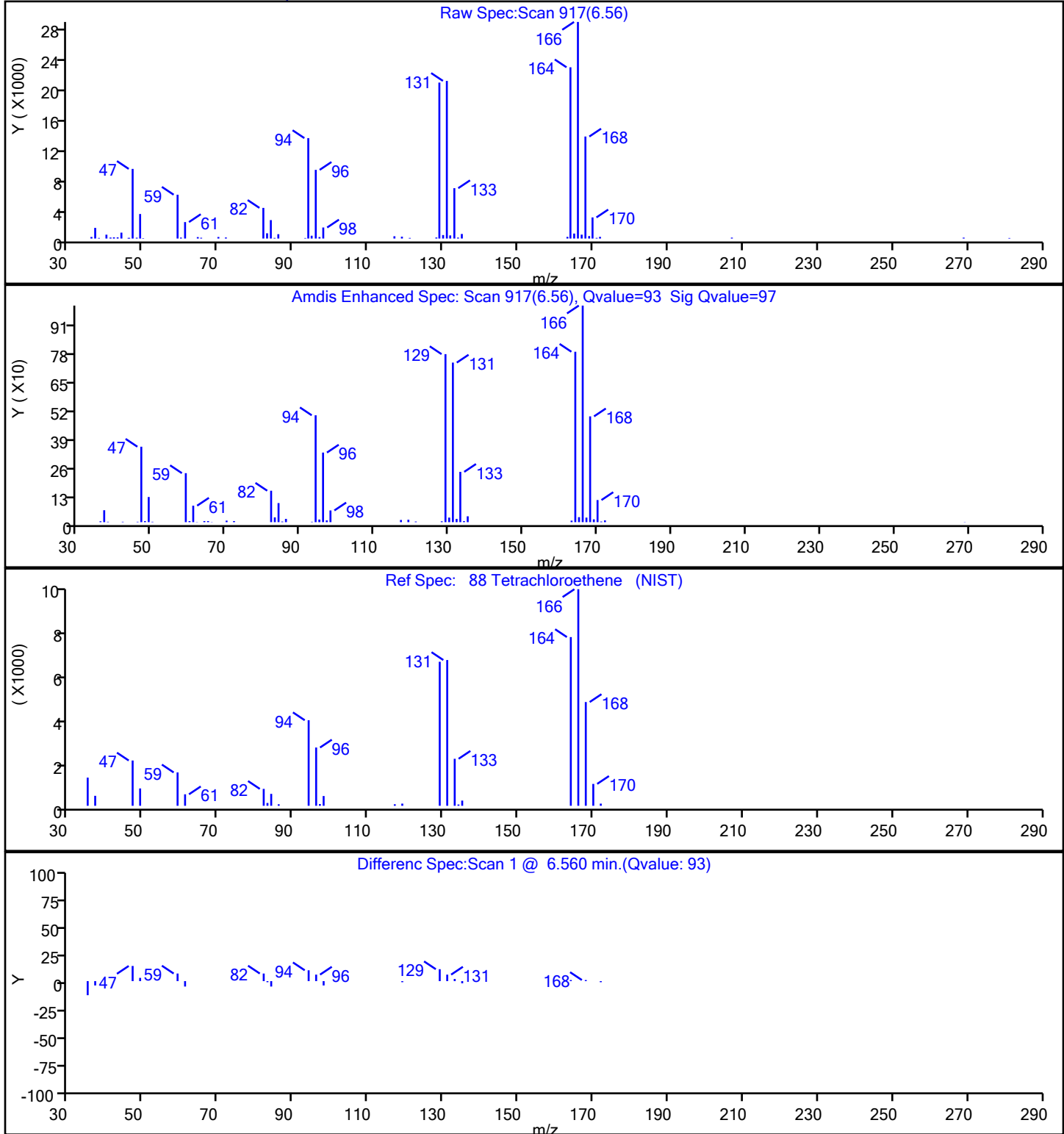
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44575.D

Injection Date: 18-Sep-2021 14:13:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-5

Lab Sample ID: 460-242808-5

Client ID: MW-11B

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

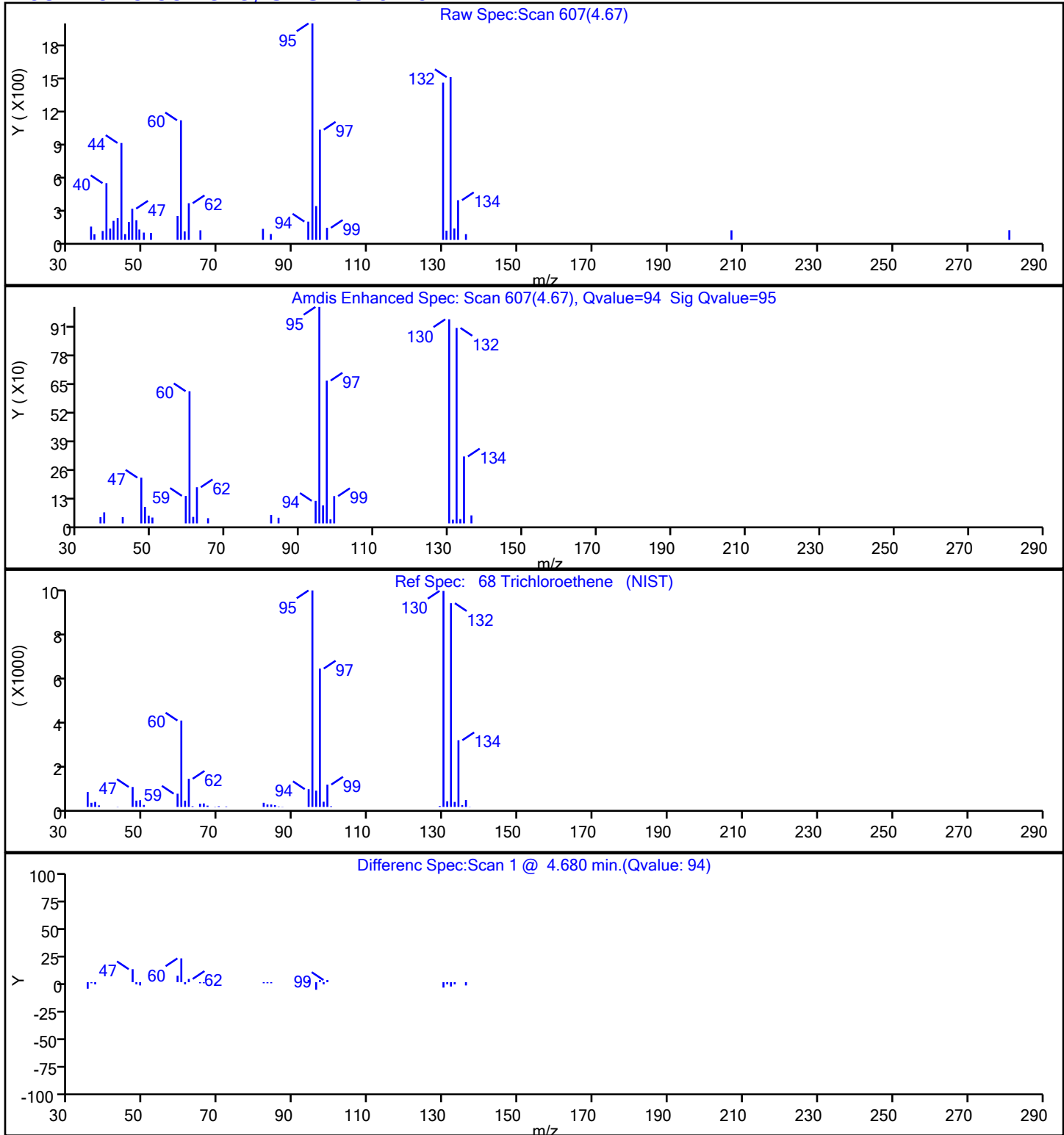
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44575.D

Injection Date: 18-Sep-2021 14:13:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-5

Lab Sample ID: 460-242808-5

Client ID: MW-11B

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

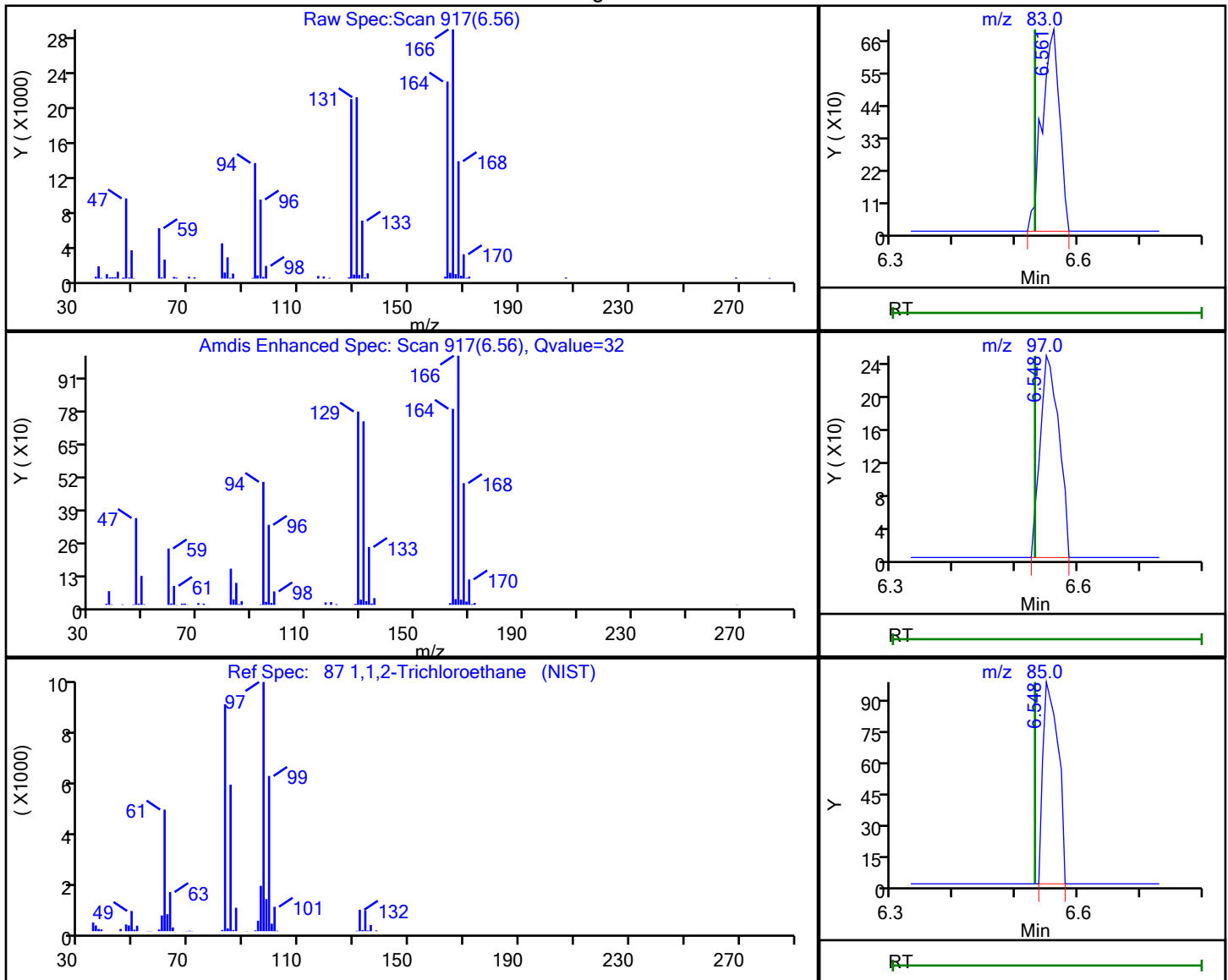
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.56	83.00	1358	0.513646
6.55	97.00	508	
6.55	85.00	168	

Reviewer: boykink, 18-Sep-2021 21:14:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44575.D

Injection Date: 18-Sep-2021 14:13:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-5

Lab Sample ID: 460-242808-5

Client ID: MW-11B

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

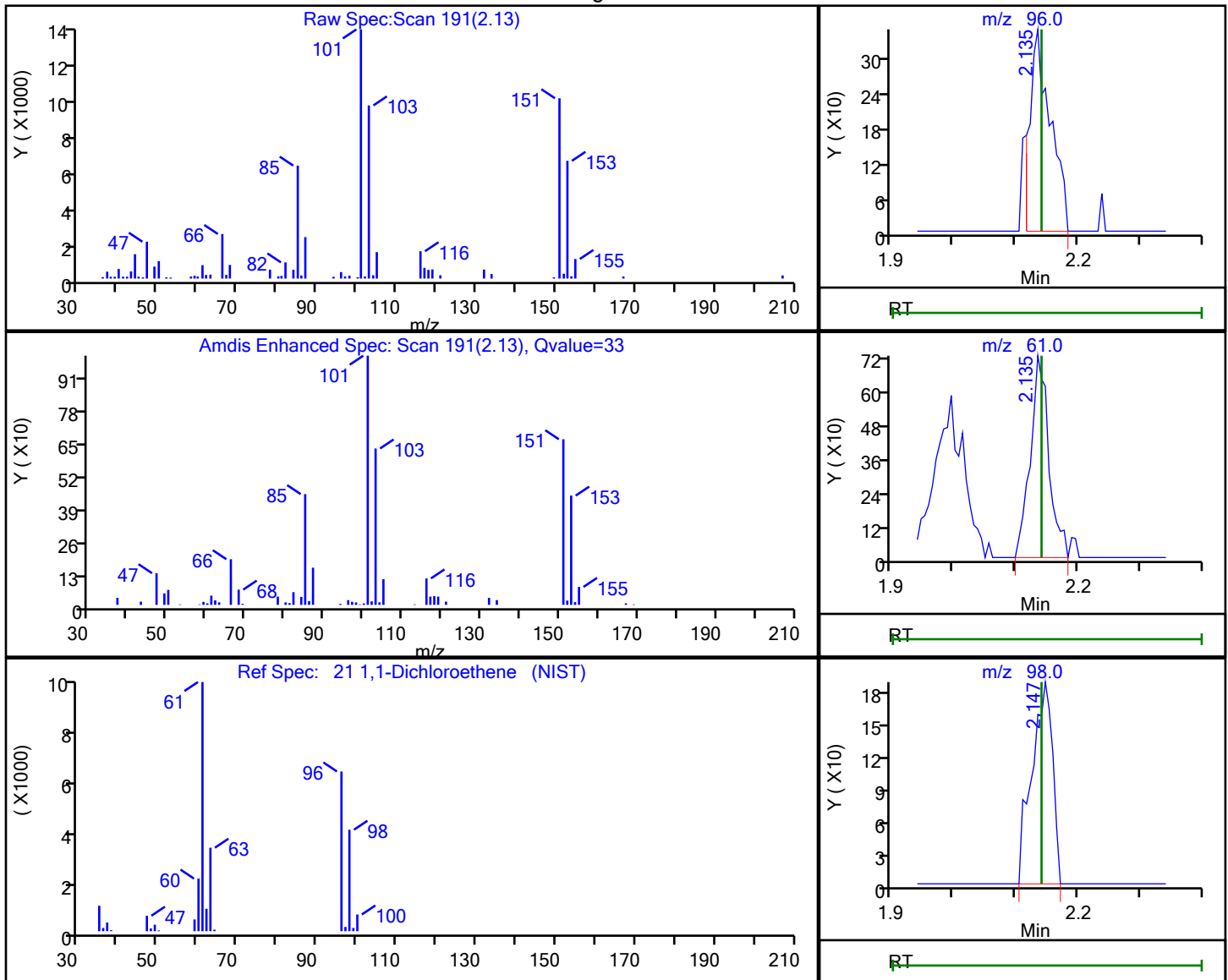
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.13	96.00	806	0.216904
2.13	61.00	1509	
2.15	98.00	435	
2.14	63.00	332	

Reviewer: xuyvo, 19-Sep-2021 13:07:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44575.D

Injection Date: 18-Sep-2021 14:13:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-5

Lab Sample ID: 460-242808-5

Client ID: MW-11B

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

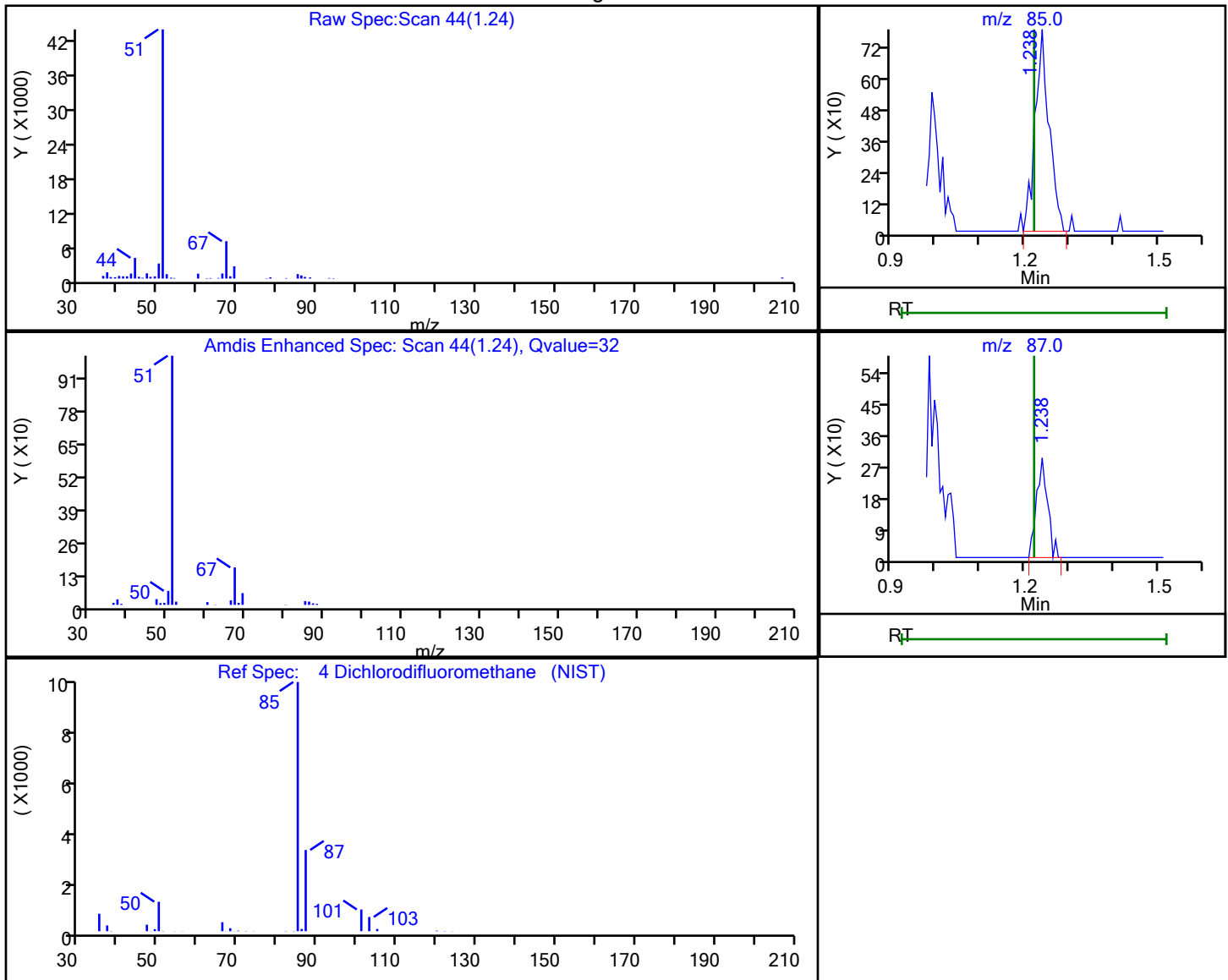
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.24	85.00	1725	0.320403
1.24	87.00	503	

Reviewer: xuyvo, 19-Sep-2021 13:07:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44575.D

Injection Date: 18-Sep-2021 14:13:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-5

Lab Sample ID: 460-242808-5

Client ID: MW-11B

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

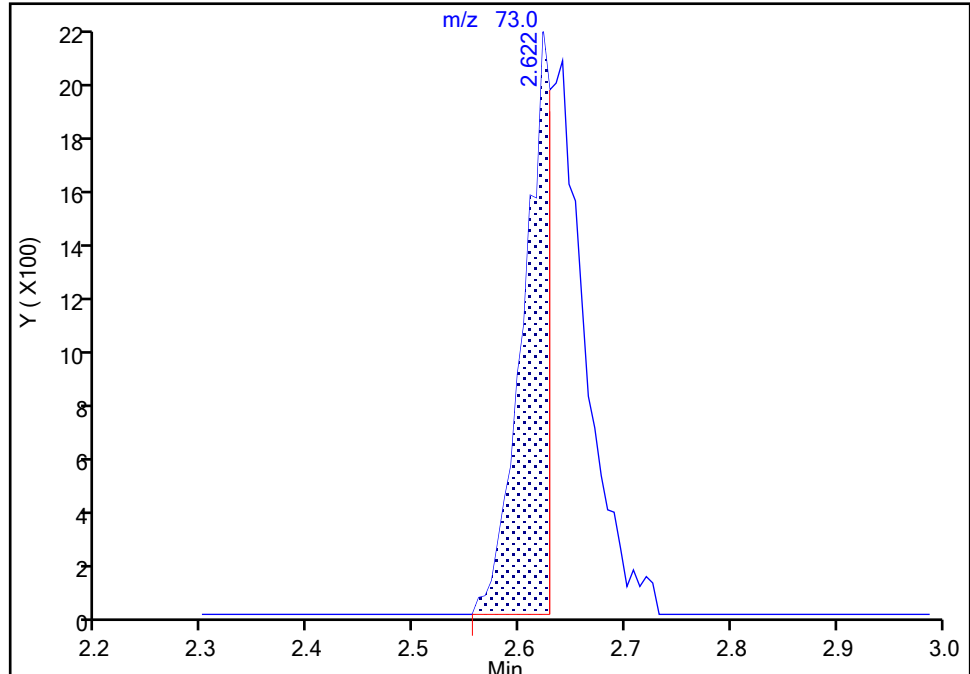
Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

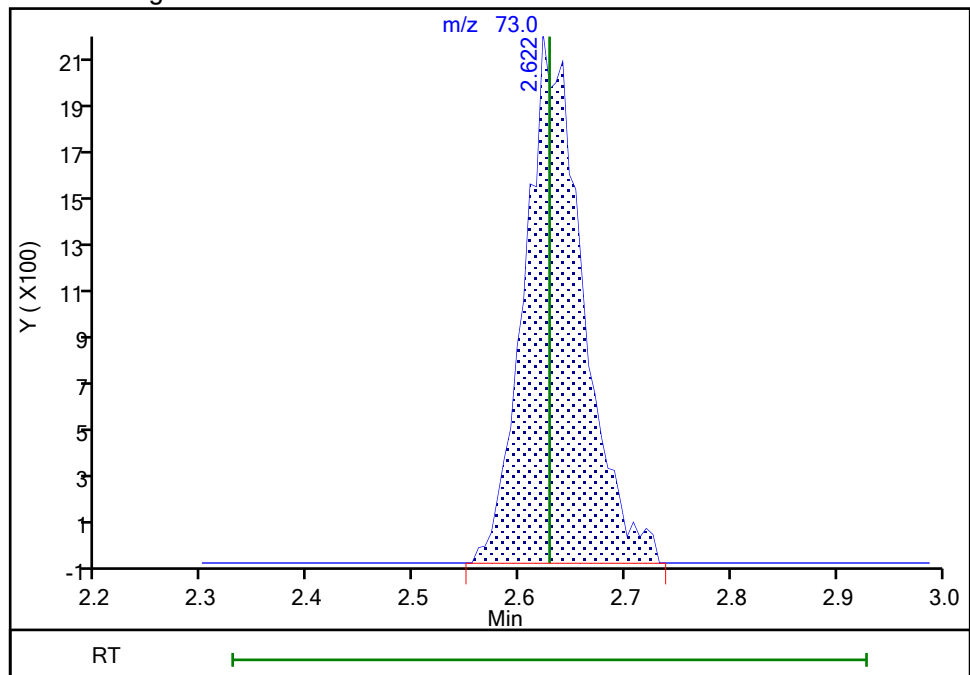
RT: 2.62
Area: 3959
Amount: 0.340969
Amount Units: ug/l

Processing Integration Results



RT: 2.62
Area: 8410
Amount: 0.724312
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 18-Sep-2021 21:14:47

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44575.D

Injection Date: 18-Sep-2021 14:13:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-5

Lab Sample ID: 460-242808-5

Client ID: MW-11B

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

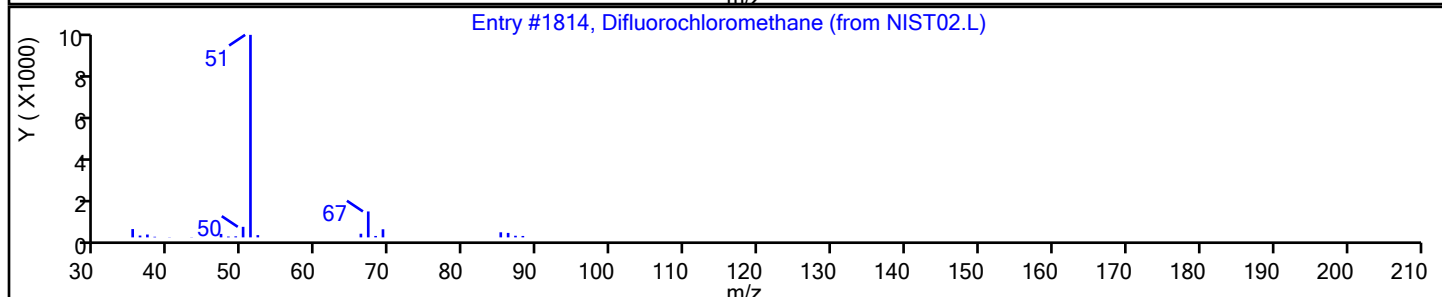
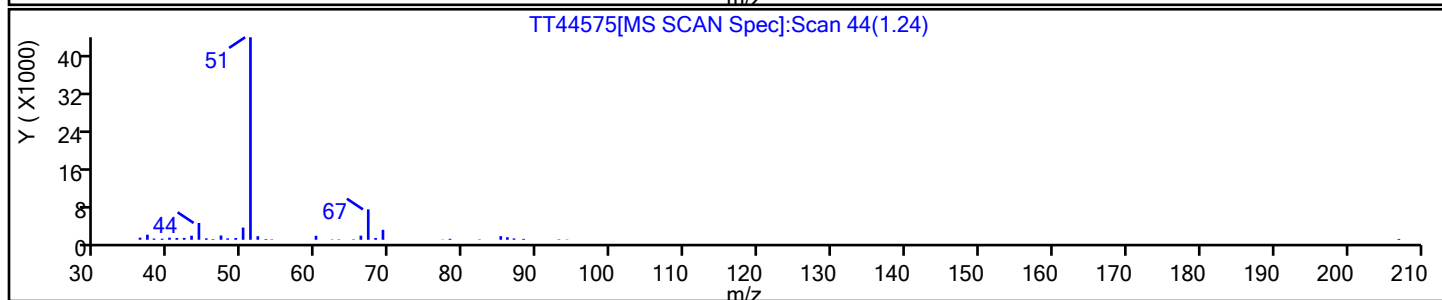
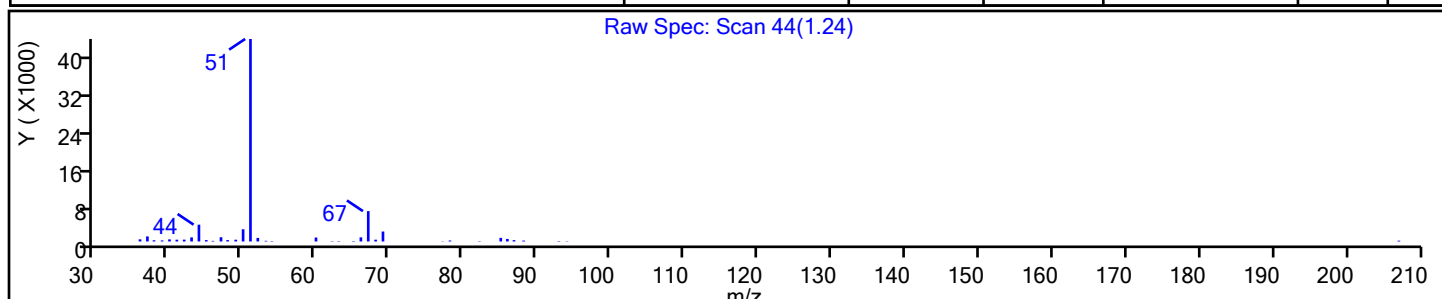
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Difluorochloromethane	75-45-6	NIST02.L	1814	CHClF2	86	91



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-111B Lab Sample ID: 460-242808-6
 Matrix: Water Lab File ID: TT44576.D
 Analysis Method: 8260D Date Collected: 09/08/2021 14:50
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 14:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 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	15		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.48	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-111B Lab Sample ID: 460-242808-6
 Matrix: Water Lab File ID: TT44576.D
 Analysis Method: 8260D Date Collected: 09/08/2021 14:50
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 14:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.66	J	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	20		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	1.2		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

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

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-242808-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-111B</u>	Lab Sample ID: <u>460-242808-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT44576.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>09/08/2021 14:50</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/18/2021 14:34</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>801985</u>	Units: <u>ug/L</u>
Number TICs Found: <u>1</u>	TIC Result Total: <u>7.5</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Difluorochloromethane	1.24	7.5	J N	91%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D
 Lims ID: 460-242808-B-6
 Client ID: MW-111B
 Sample Type: Client
 Inject. Date: 18-Sep-2021 14:34:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-6
 Misc. Info.: 460-0134688-025
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:08:31 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:15:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
20 112TCTFE	101	2.135	2.135	0.000	94	56207	15.3	
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	97	39666	1000.0	
33 Methyl tert-butyl ether	73	2.634	2.628	0.006	95	7922	0.6595	
* 42 2-Butanone-d5	46	3.384	3.409	-0.025	100	294527	250.0	
52 Chloroform	83	3.683	3.677	0.006	94	3508	0.4754	M
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.811	0.006	95	135369	49.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	95	169883	50.0	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	488754	50.0	
68 Trichloroethene	95	4.689	4.689	0.000	93	4909	1.23	
* 72 1,4-Dioxane-d8	96	5.073	5.061	0.012	88	10811	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	432692	51.2	
88 Tetrachloroethene	166	6.560	6.561	-0.001	93	63116	19.7	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	91	316455	50.0	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	116144	48.1	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	172174	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D
 Lims ID: 460-242808-B-6
 Client ID: MW-111B
 Sample Type: Client
 Inject. Date: 18-Sep-2021 14:34:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-6
 Misc. Info.: 460-0134688-025
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:08:31 Calib Date: 10-Sep-2021 12:08:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Edison\Database\NIST02.L
 Min. Match: 70
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610
 First Level Reviewer: boykink Date: 18-Sep-2021 21:15:46

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
75-45-6								
1.238	166733	7.53	66	91	1814	CHClF2	86	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 66 Fluorobenzene	4.366	1107295	50.0

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00048 Amount Added: 5.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D

Injection Date: 18-Sep-2021 14:34:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-6

Lab Sample ID: 460-242808-6

Client ID: MW-111B

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 25

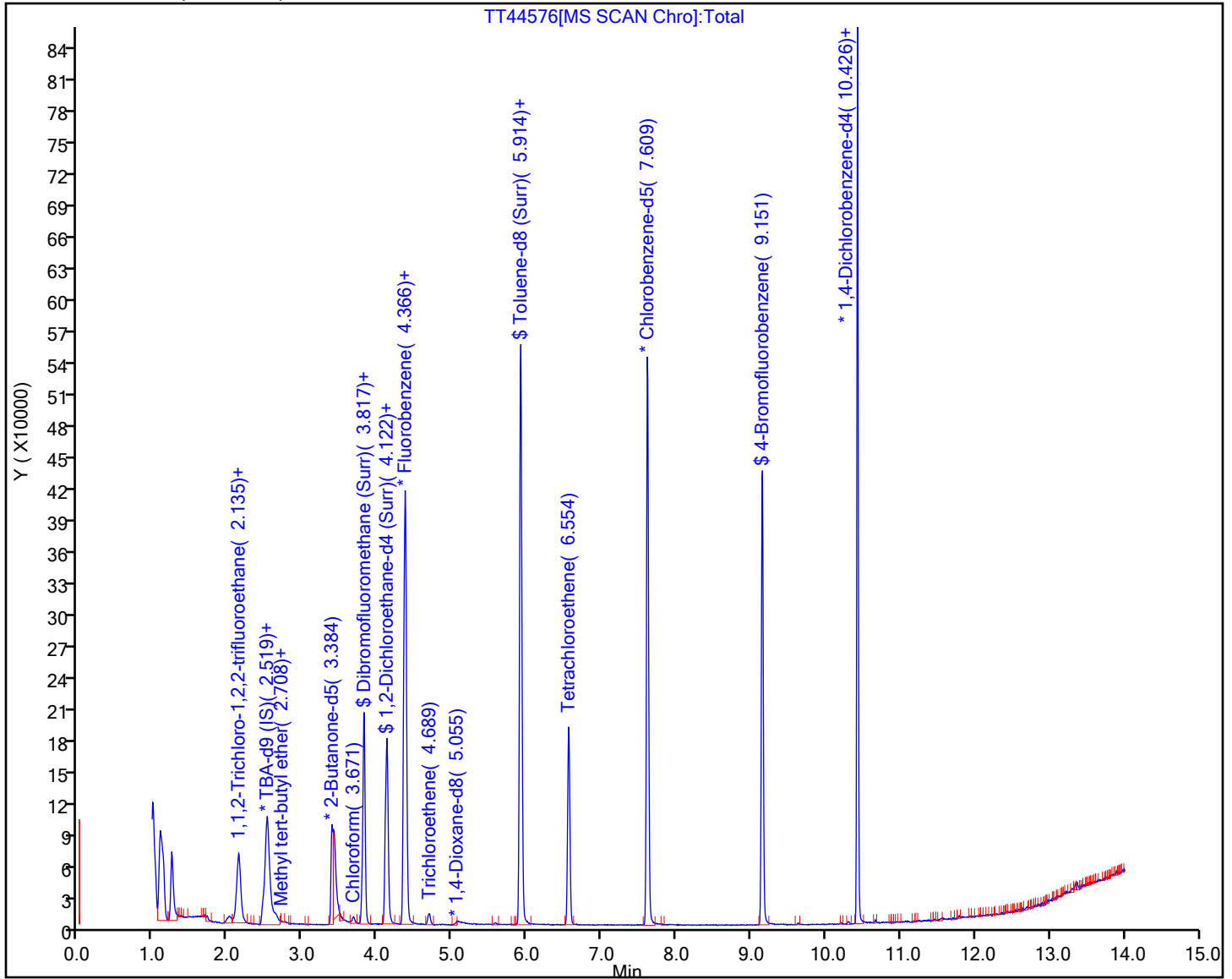
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D

Injection Date: 18-Sep-2021 14:34:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-6

Lab Sample ID: 460-242808-6

Client ID: MW-111B

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

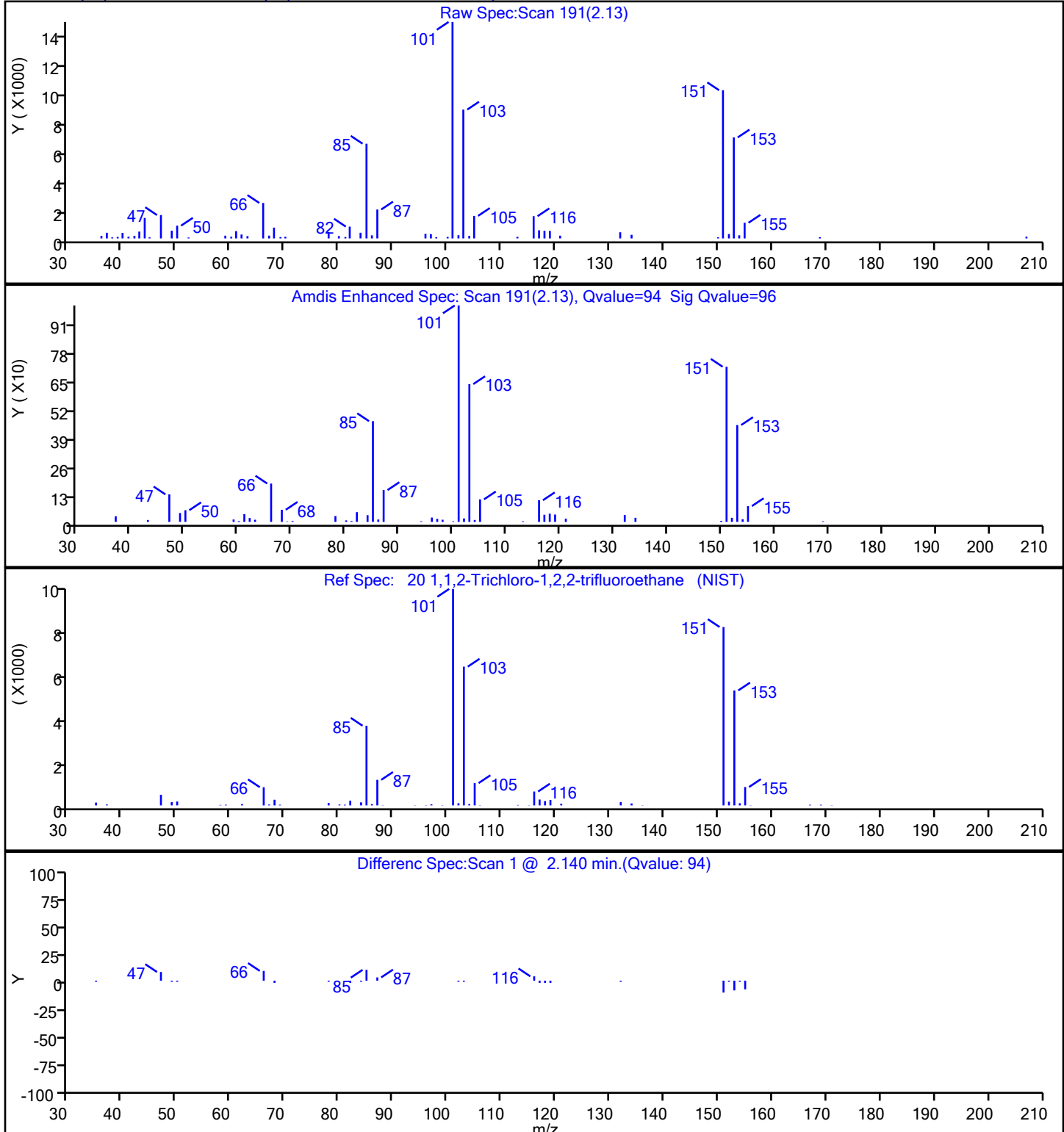
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D

Injection Date: 18-Sep-2021 14:34:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-6

Lab Sample ID: 460-242808-6

Client ID: MW-111B

Operator ID:

ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL

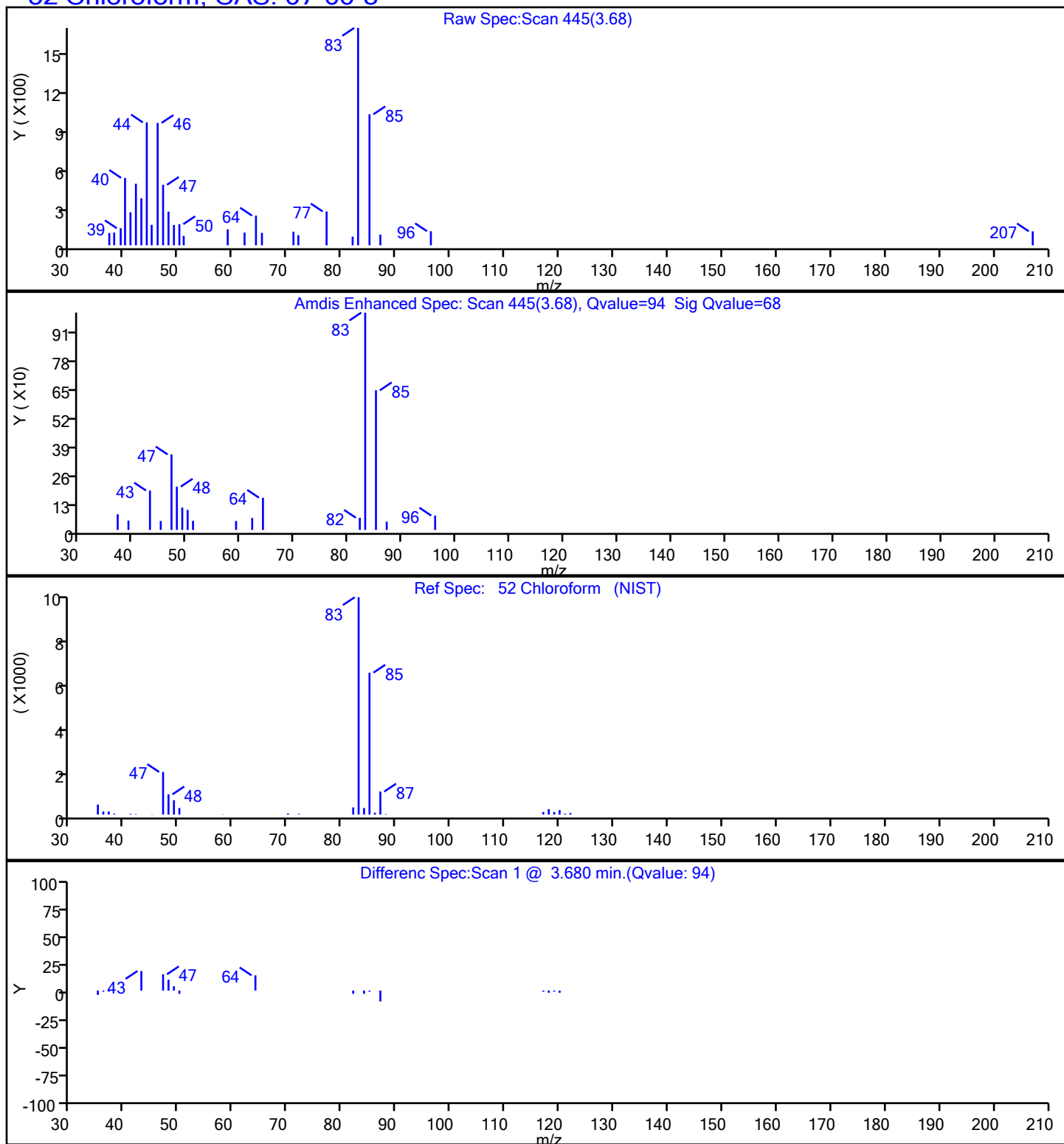
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D

Injection Date: 18-Sep-2021 14:34:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-6

Lab Sample ID: 460-242808-6

Client ID: MW-111B

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

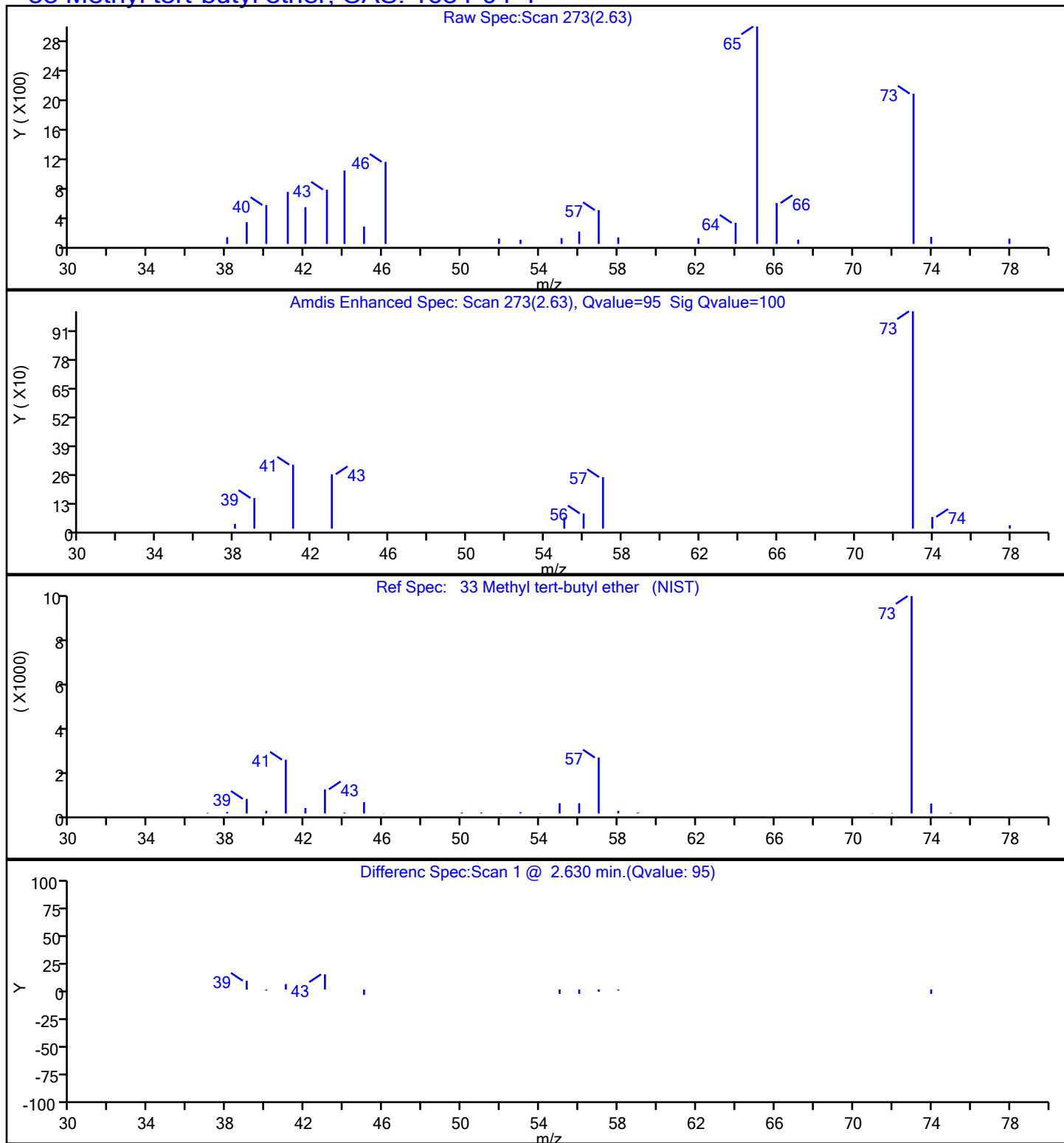
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D

Injection Date: 18-Sep-2021 14:34:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-6

Lab Sample ID: 460-242808-6

Client ID: MW-111B

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

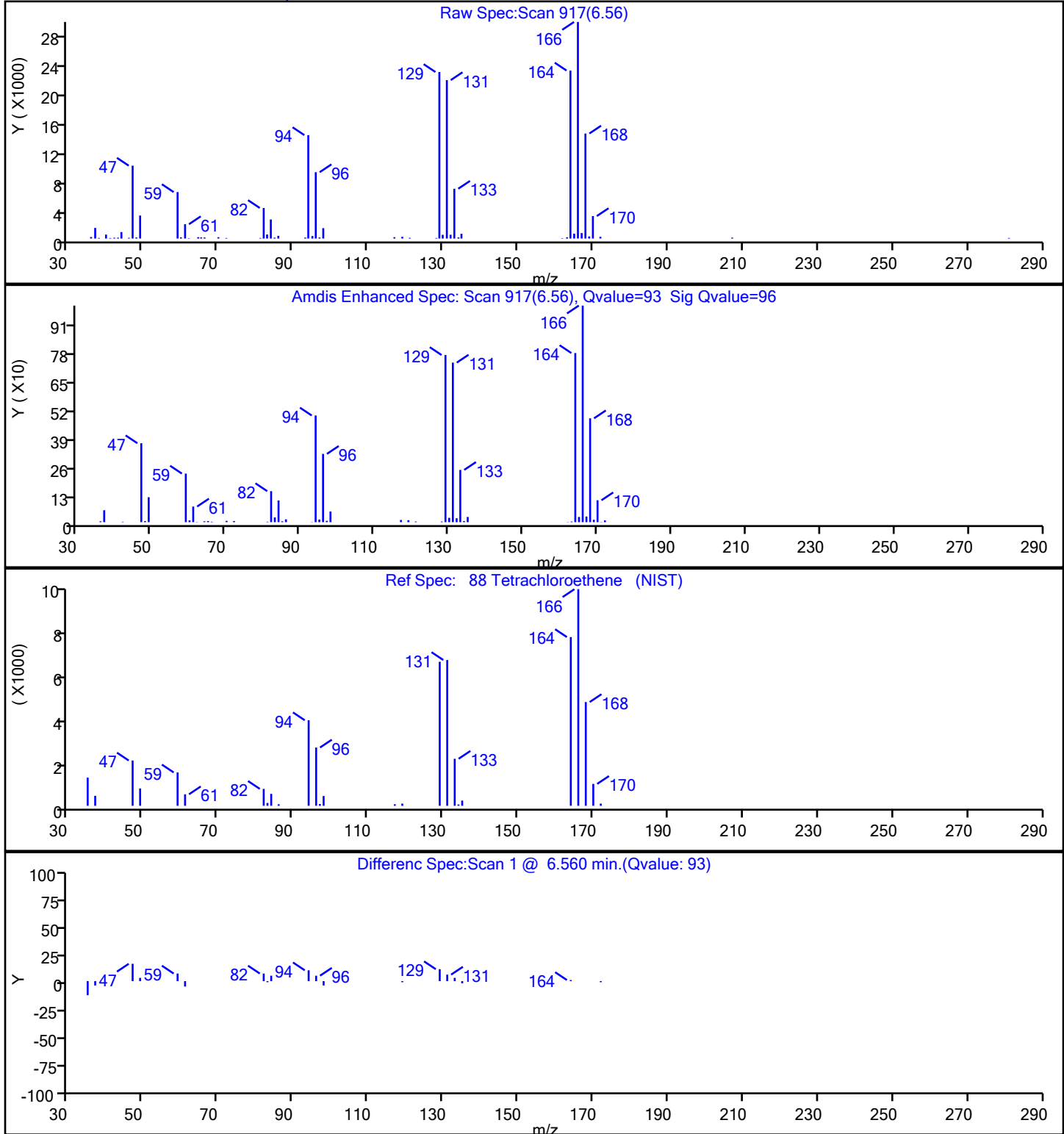
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D

Injection Date: 18-Sep-2021 14:34:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-6

Lab Sample ID: 460-242808-6

Client ID: MW-111B

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

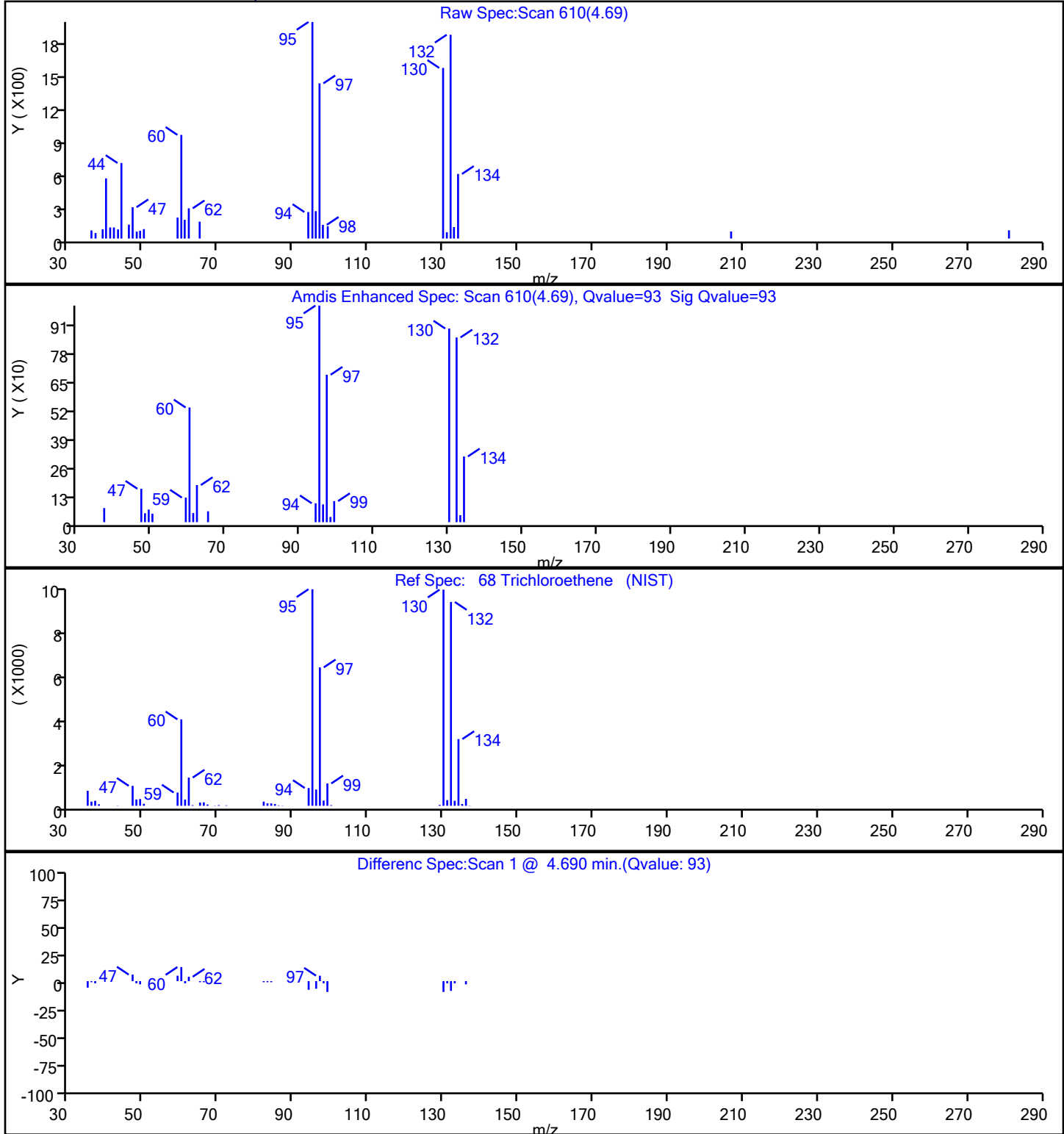
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D

Injection Date: 18-Sep-2021 14:34:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-6

Lab Sample ID: 460-242808-6

Client ID: MW-111B

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

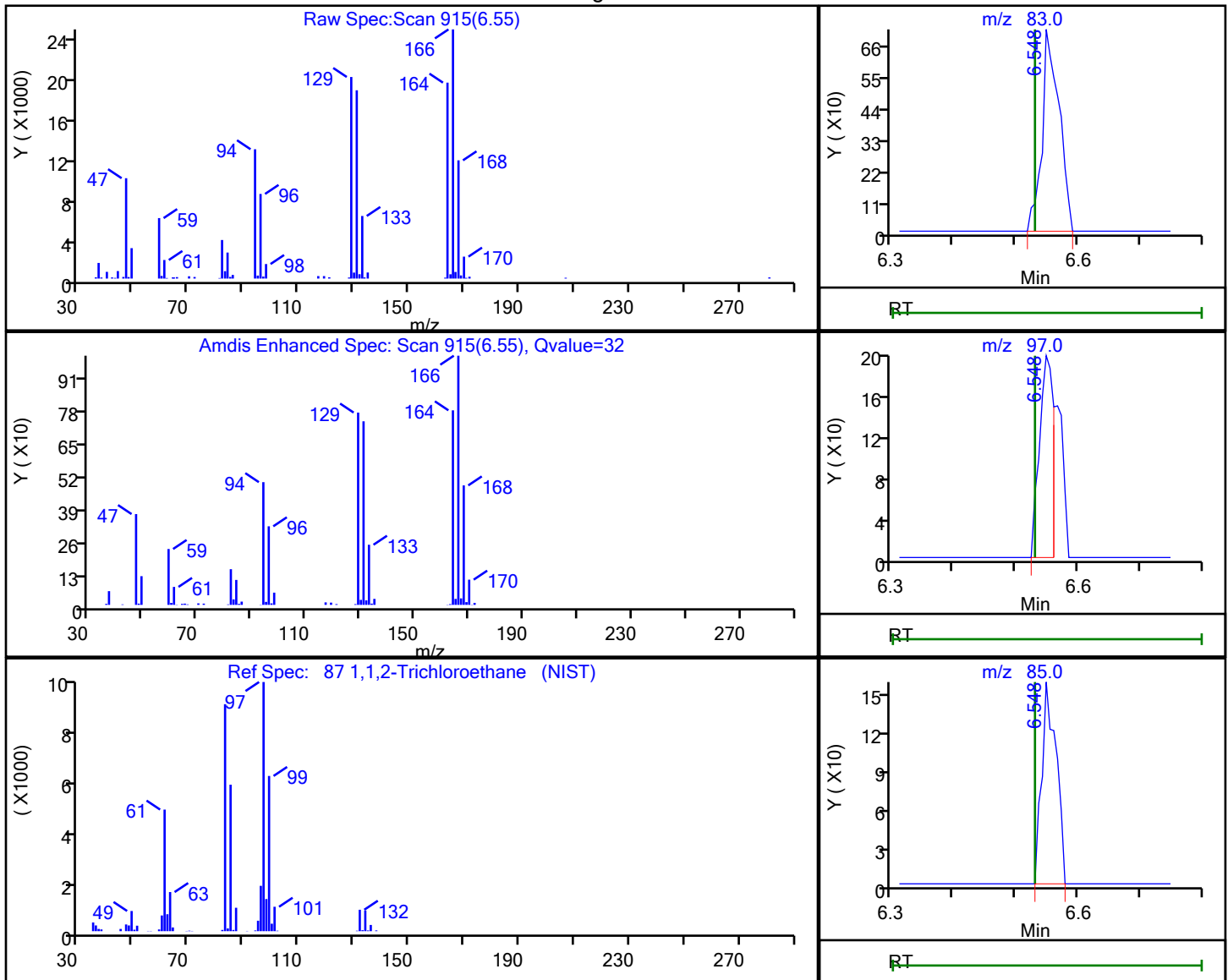
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.55	83.00	1379	0.523020
6.55	97.00	303	
6.55	85.00	256	

Reviewer: boykink, 18-Sep-2021 21:15:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D

Injection Date: 18-Sep-2021 14:34:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-6

Lab Sample ID: 460-242808-6

Client ID: MW-111B

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

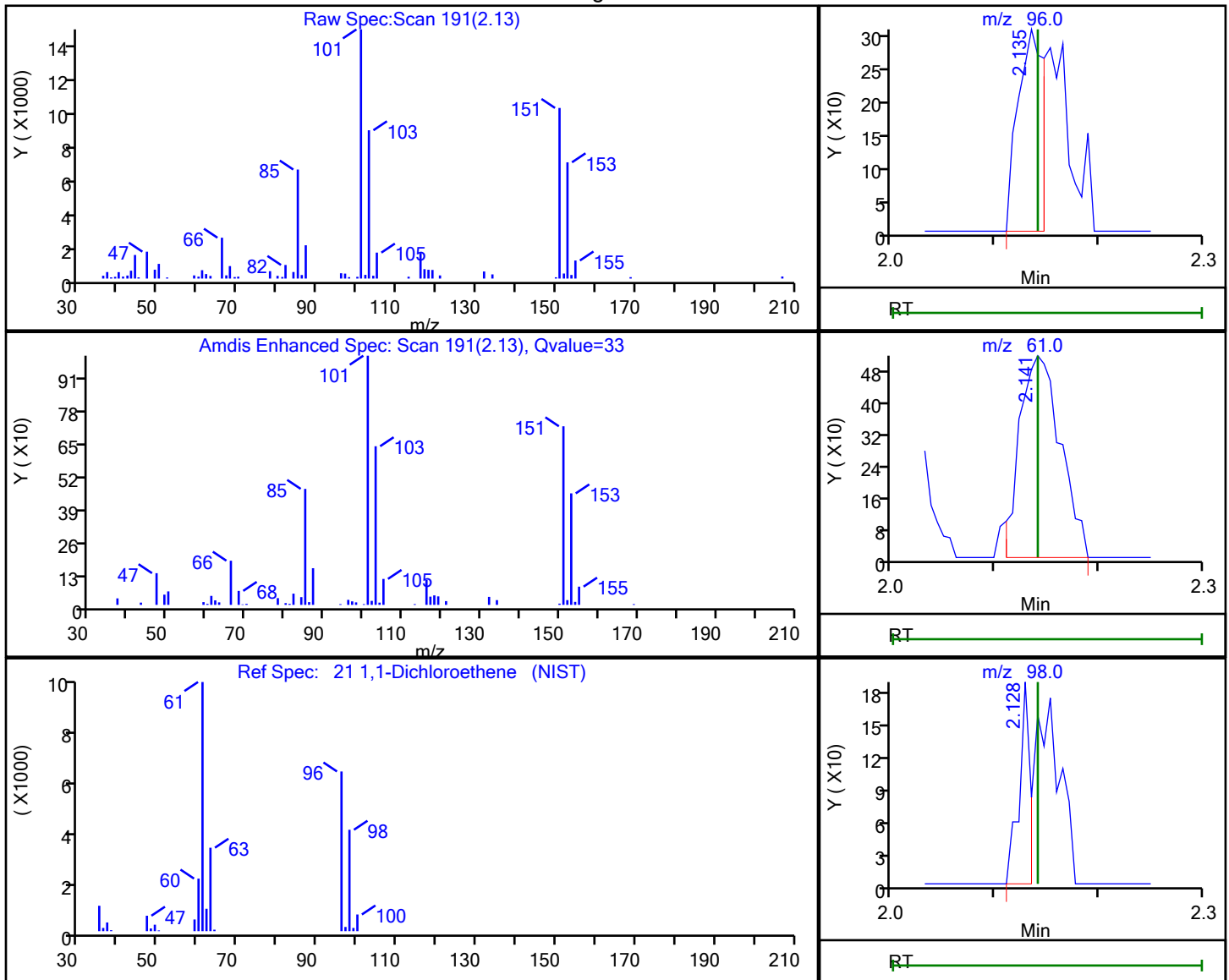
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.13	96.00	529	0.137616
2.14	61.00	1437	
2.13	98.00	141	
2.13	63.00	131	

Reviewer: boykink, 18-Sep-2021 21:15:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D

Injection Date: 18-Sep-2021 14:34:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-6

Lab Sample ID: 460-242808-6

Client ID: MW-111B

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

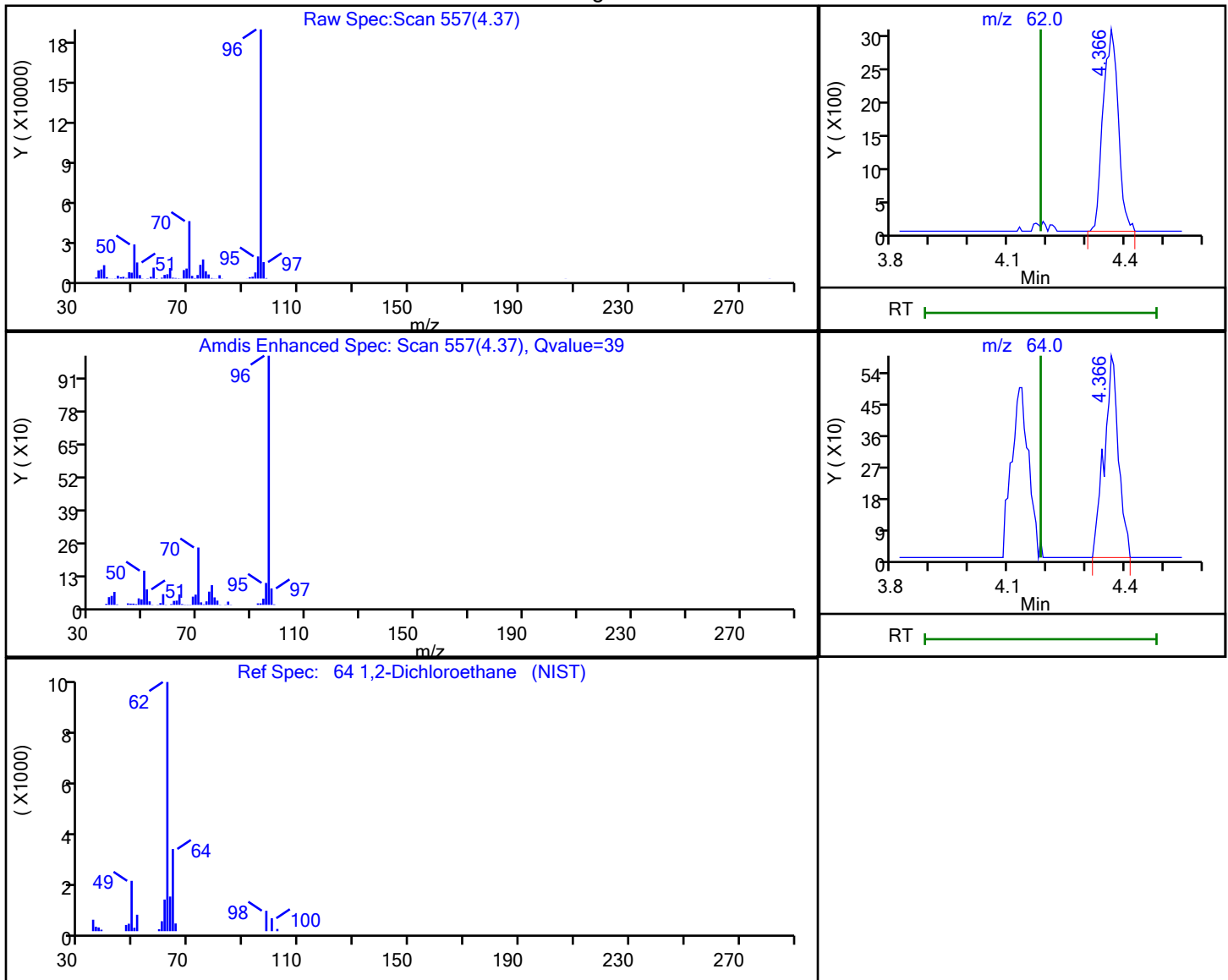
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.37	62.00	8395	1.494800
4.37	64.00	1502	

Reviewer: boykink, 18-Sep-2021 21:15:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D

Injection Date: 18-Sep-2021 14:34:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-6

Lab Sample ID: 460-242808-6

Client ID: MW-111B

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

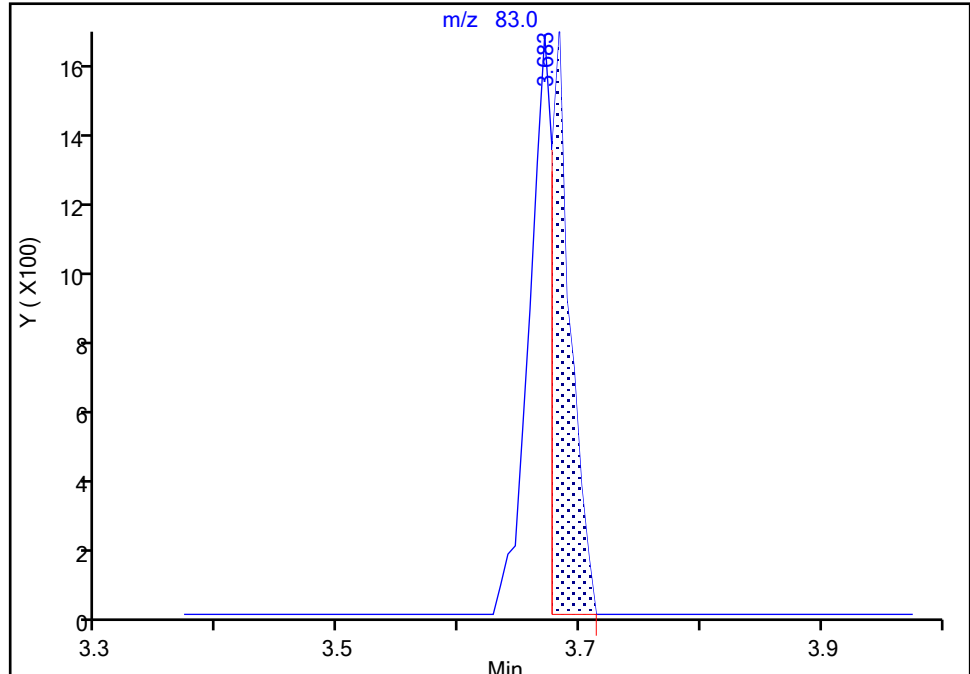
Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Signal: 1

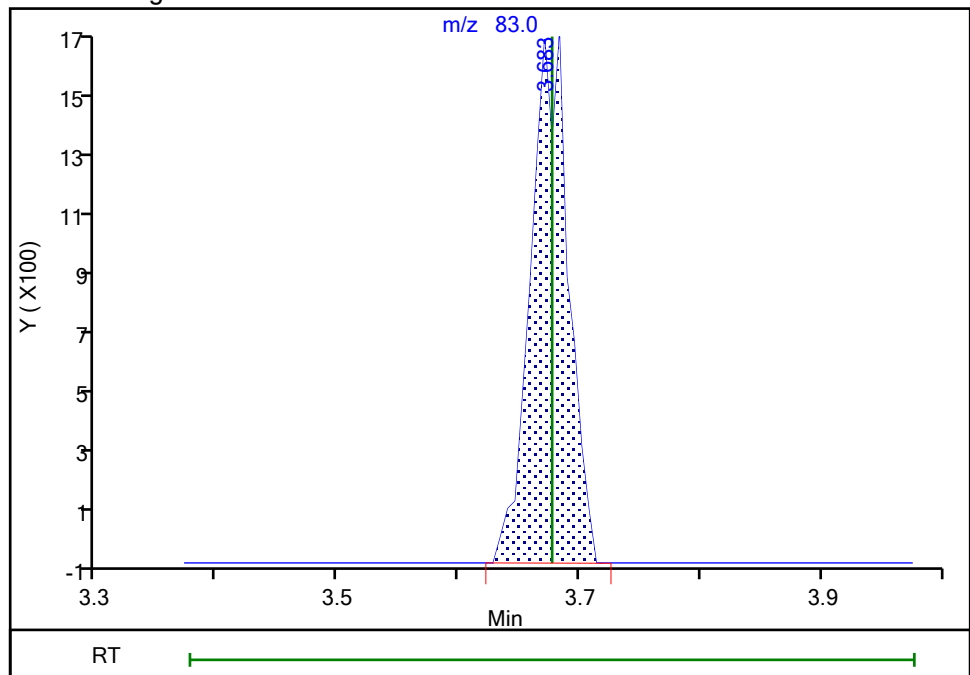
RT: 3.68
Area: 1811
Amount: 0.245412
Amount Units: ug/l

Processing Integration Results



RT: 3.68
Area: 3508
Amount: 0.475376
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 18-Sep-2021 21:15:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D

Injection Date: 18-Sep-2021 14:34:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-6

Lab Sample ID: 460-242808-6

Client ID: MW-111B

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

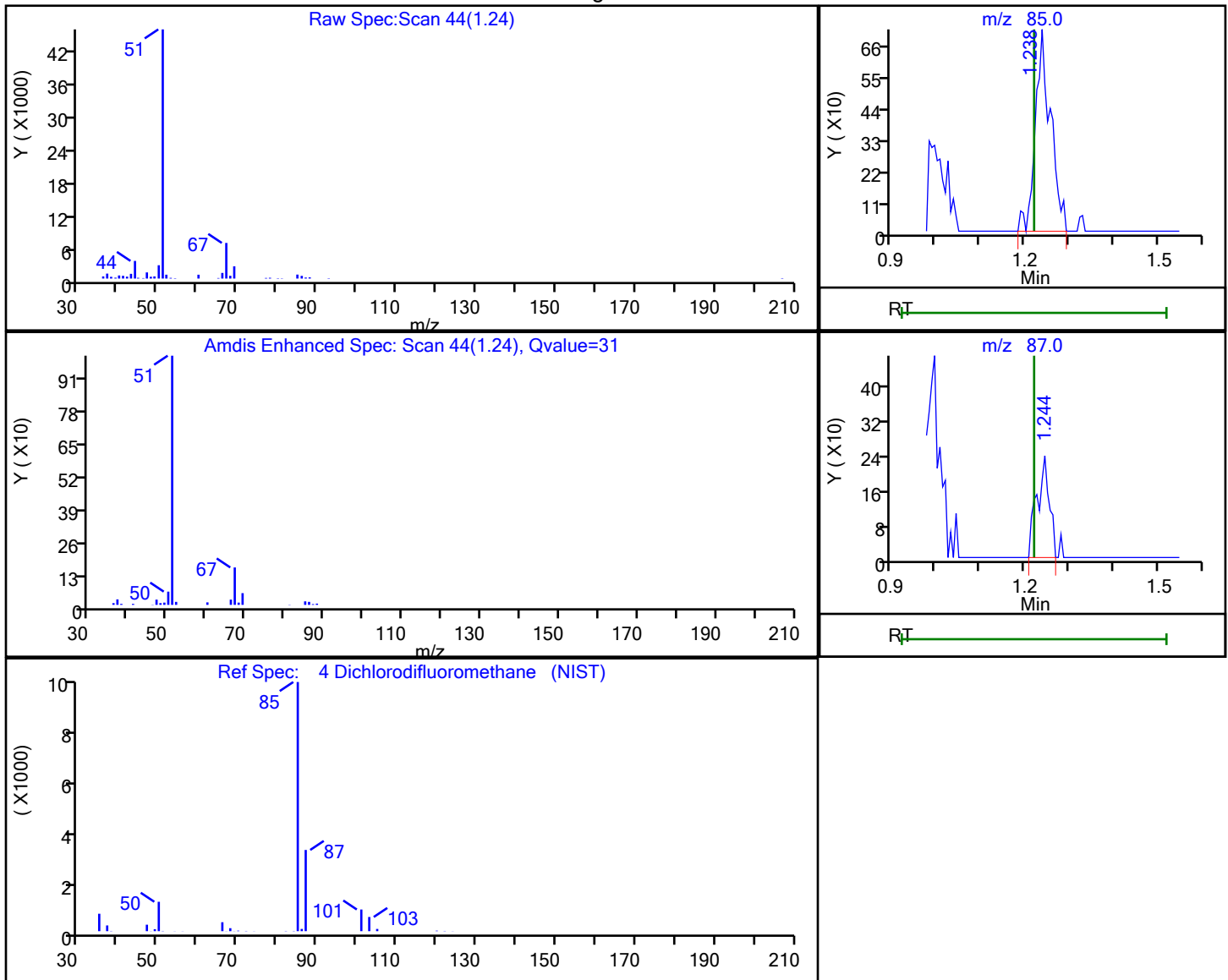
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.24	85.00	1725	0.309726
1.24	87.00	460	

Reviewer: xuyvo, 19-Sep-2021 13:08:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44576.D

Injection Date: 18-Sep-2021 14:34:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-6

Lab Sample ID: 460-242808-6

Client ID: MW-111B

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

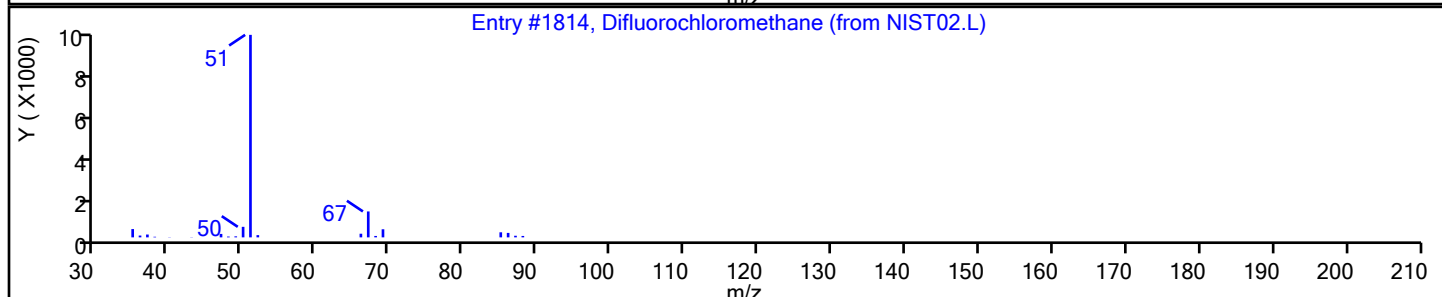
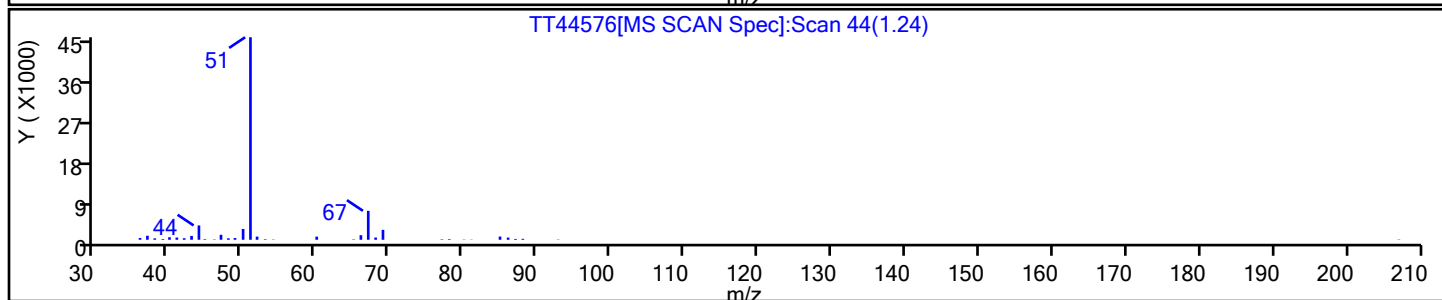
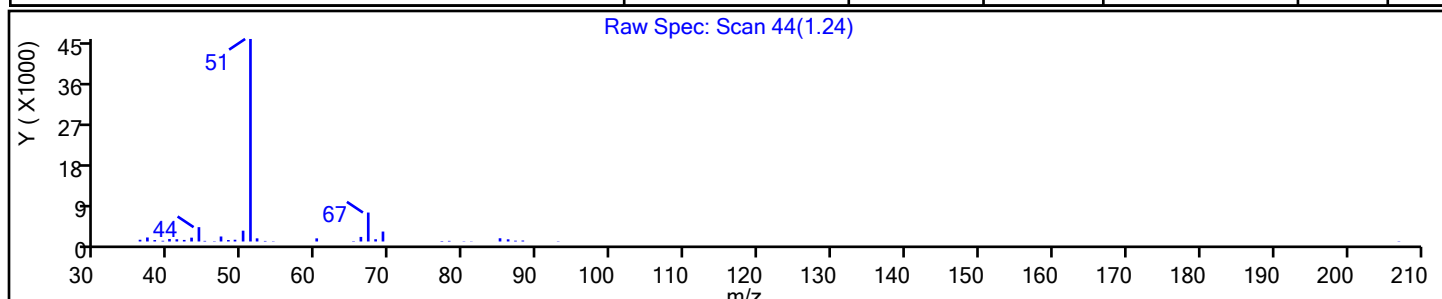
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Difluorochloromethane	75-45-6	NIST02.L	1814	CHClF2	86	91



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: TripBlank Lab Sample ID: 460-242808-7
 Matrix: Water Lab File ID: TT44567.D
 Analysis Method: 8260D Date Collected: 09/08/2021 15:00
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 11:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 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	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: TripBlank Lab Sample ID: 460-242808-7
 Matrix: Water Lab File ID: TT44567.D
 Analysis Method: 8260D Date Collected: 09/08/2021 15:00
 Sample wt/vol: 5(mL) Date Analyzed: 09/18/2021 11:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: TripBlank Lab Sample ID: 460-242808-7
Matrix: Water Lab File ID: TT44567.D
Analysis Method: 8260D Date Collected: 09/08/2021 15:00
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 11:28
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44567.D
 Lims ID: 460-242808-B-7
 Client ID: TripBlank
 Sample Type: Client
 Inject. Date: 18-Sep-2021 11:28:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-7
 Misc. Info.: 460-0134688-016
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:02:57 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:10:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.512	2.519	-0.007	100	48008	1000.0	
* 42 2-Butanone-d5	46	3.409	3.409	0.000	99	334833	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.811	0.006	96	158717	50.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	96	197716	50.1	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	568038	50.0	
* 72 1,4-Dioxane-d8	96	5.073	5.061	0.012	89	13513	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	494322	52.9	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	91	350516	50.0	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	125730	47.0	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	184040	50.0	

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44567.D

Injection Date: 18-Sep-2021 11:28:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-7

Lab Sample ID: 460-242808-7

Client ID: TripBlank

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

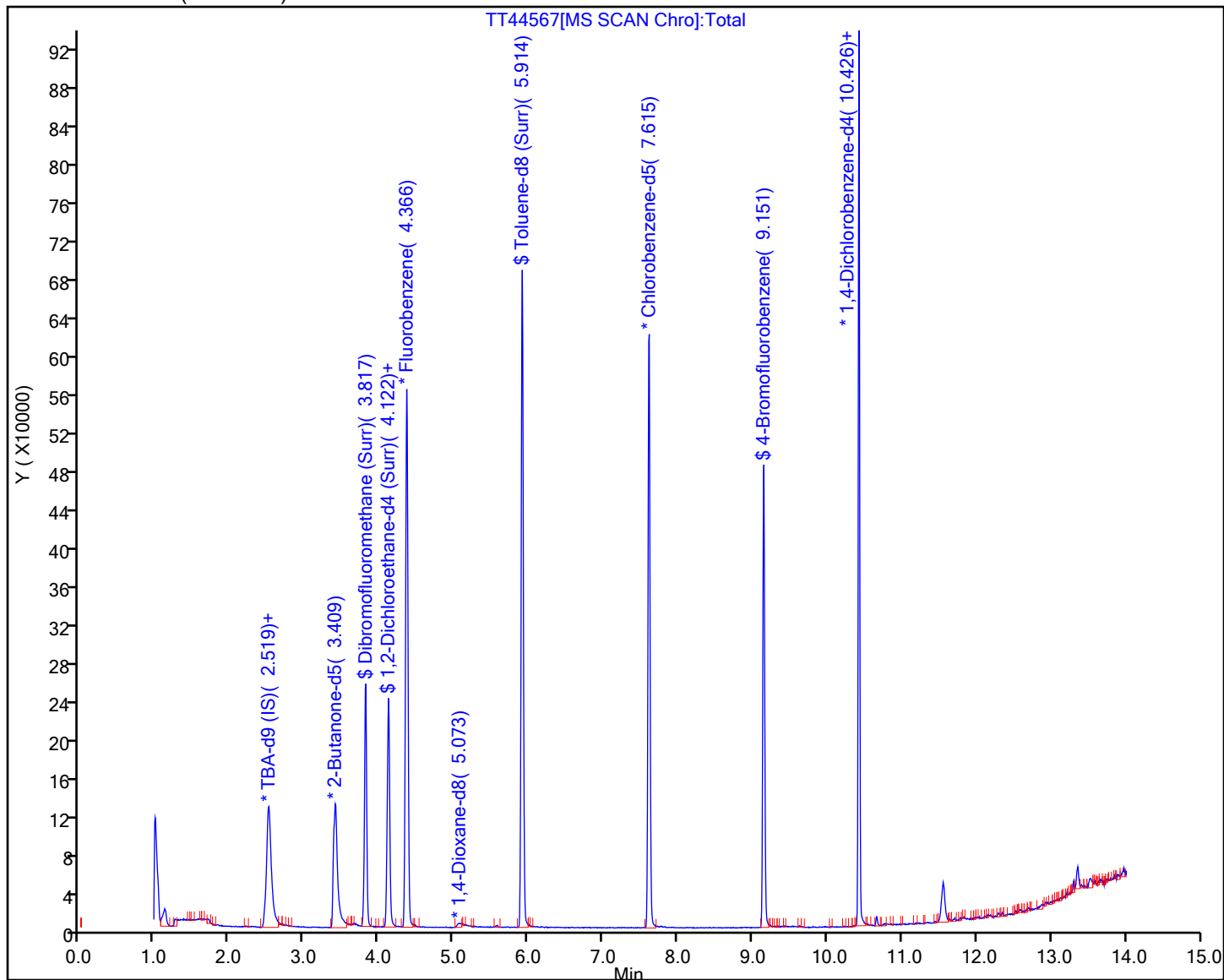
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: FB0908 Lab Sample ID: 460-242808-8
 Matrix: Water Lab File ID: TT44568.D
 Analysis Method: 8260D Date Collected: 09/08/2021 15:10
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 11:49
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 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	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: FB0908 Lab Sample ID: 460-242808-8
 Matrix: Water Lab File ID: TT44568.D
 Analysis Method: 8260D Date Collected: 09/08/2021 15:10
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 11:49
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.81	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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: FB0908 Lab Sample ID: 460-242808-8
Matrix: Water Lab File ID: TT44568.D
Analysis Method: 8260D Date Collected: 09/08/2021 15:10
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 11:49
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44568.D
 Lims ID: 460-242808-B-8
 Client ID: FB0908
 Sample Type: Client
 Inject. Date: 18-Sep-2021 11:49:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-8
 Misc. Info.: 460-0134688-017
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 18-Sep-2021 15:55:37 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1601

First Level Reviewer: boykink

Date: 18-Sep-2021 21:10:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.500	2.494	0.006	96	4417	0.8143	
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	98	45066	1000.0	
* 42 2-Butanone-d5	46	3.390	3.409	-0.019	99	323398	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.811	0.006	95	143786	49.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	96	182576	49.9	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	525888	50.0	
* 72 1,4-Dioxane-d8	96	5.091	5.061	0.030	91	12830	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	480838	52.4	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	92	343748	50.0	
\$ 105 4-Bromofluorobenzene	174	9.152	9.151	0.001	0	126609	48.3	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	185938	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44568.D

Injection Date: 18-Sep-2021 11:49:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-8

Lab Sample ID: 460-242808-8

Client ID: FB0908

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 17

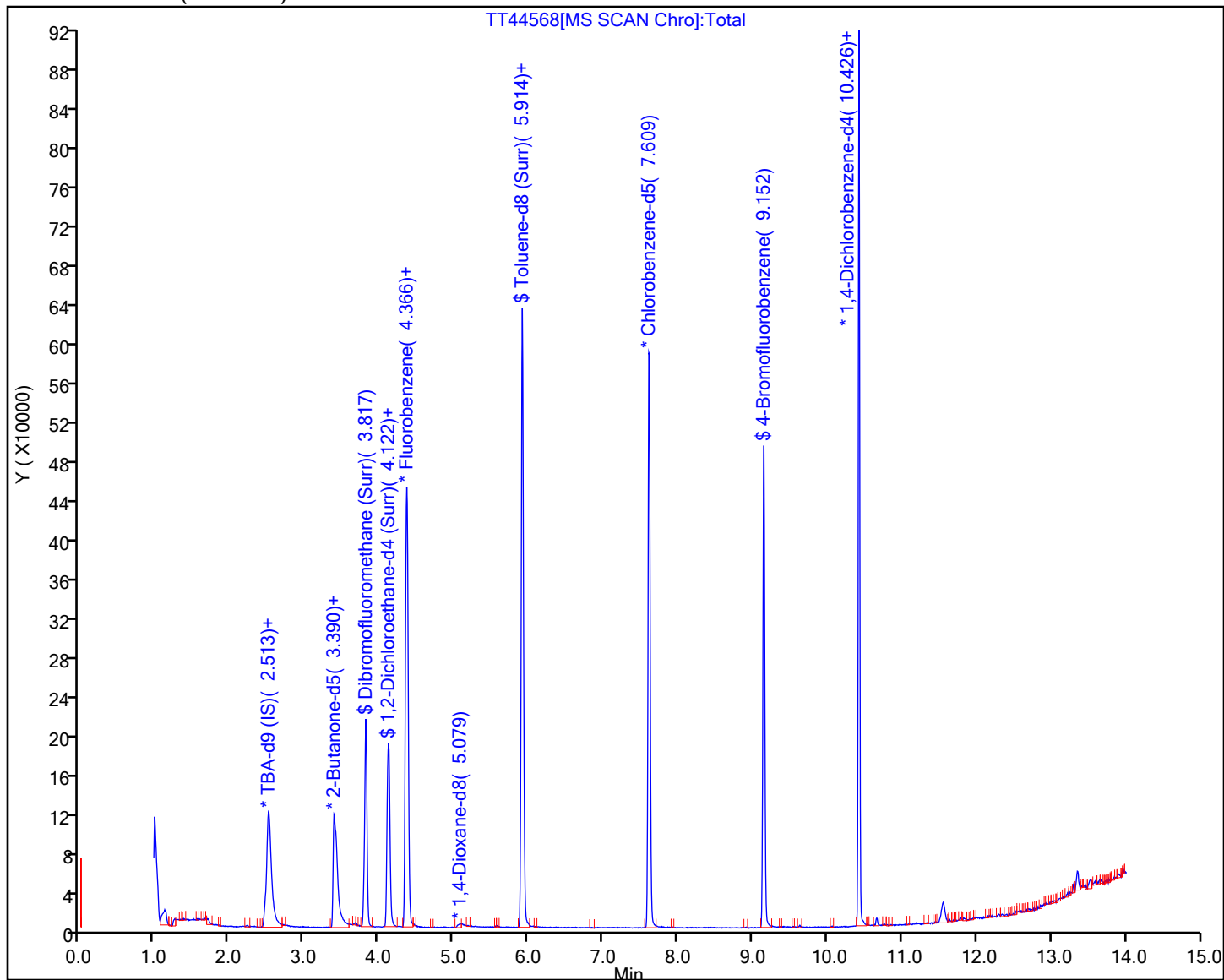
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44568.D

Injection Date: 18-Sep-2021 11:49:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-8

Lab Sample ID: 460-242808-8

Client ID: FB0908

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

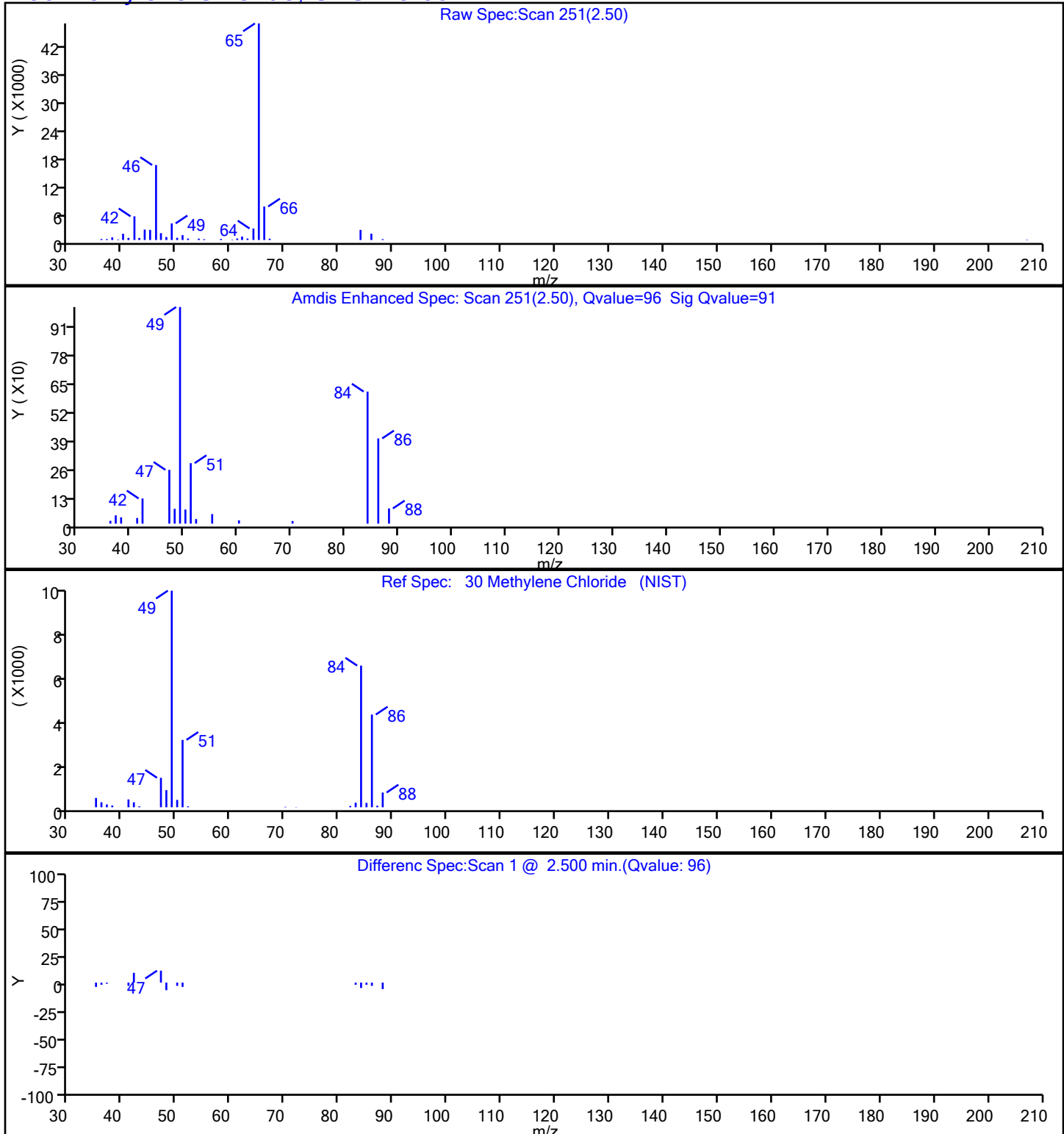
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

30 Methylene Chloride, CAS: 75-09-2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-242808-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-23A</u>	Lab Sample ID: <u>460-242808-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT44577.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>09/13/2021 10:10</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/18/2021 14:54</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>801985</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	42		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-23A Lab Sample ID: 460-242808-9
 Matrix: Water Lab File ID: TT44577.D
 Analysis Method: 8260D Date Collected: 09/13/2021 10:10
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 14:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.35	J	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	1.3		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.48	J	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: MW-23A Lab Sample ID: 460-242808-9
Matrix: Water Lab File ID: TT44577.D
Analysis Method: 8260D Date Collected: 09/13/2021 10:10
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 14:54
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 1 TIC Result Total: 8.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Difluorochloromethane	1.25	8.2	J N	83%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D
 Lims ID: 460-242808-C-9
 Client ID: MW-23A
 Sample Type: Client
 Inject. Date: 18-Sep-2021 14:54:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-C-9
 Misc. Info.: 460-0134688-026
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:09:30 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:16:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
20 112TCTFE	101	2.141	2.135	0.006	93	162949	41.9	
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	97	38403	1000.0	
33 Methyl tert-butyl ether	73	2.634	2.628	0.006	93	4427	0.3480	M
* 42 2-Butanone-d5	46	3.390	3.409	-0.019	100	317328	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.811	0.006	96	146119	50.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	96	181083	50.3	
* 66 Fluorobenzene	96	4.372	4.366	0.006	97	517714	50.0	
68 Trichloroethene	95	4.683	4.689	-0.006	89	2051	0.4835	
* 72 1,4-Dioxane-d8	96	5.091	5.061	0.030	87	13631	1000.0	M
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	463243	51.8	
88 Tetrachloroethene	166	6.567	6.561	0.006	88	4397	1.30	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	91	335121	50.0	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	122049	47.7	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	182237	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D
 Lims ID: 460-242808-C-9
 Client ID: MW-23A
 Sample Type: Client
 Inject. Date: 18-Sep-2021 14:54:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-C-9
 Misc. Info.: 460-0134688-026
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:09:30 Calib Date: 10-Sep-2021 12:08:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Edison\Database\NIST02.L
 Min. Match: 70
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610
 First Level Reviewer: boykink Date: 18-Sep-2021 21:16:31

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
75-45-6								
1.251	191386	8.20	66	83	1814	CHClF2	86	

Quantitation Compounds

Compound	RT	Area	Amount ug/l

* 66 Fluorobenzene 4.372 1167359 50.0

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00048 Amount Added: 5.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D

Injection Date: 18-Sep-2021 14:54:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-C-9

Lab Sample ID: 460-242808-9

Client ID: MW-23A

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

26

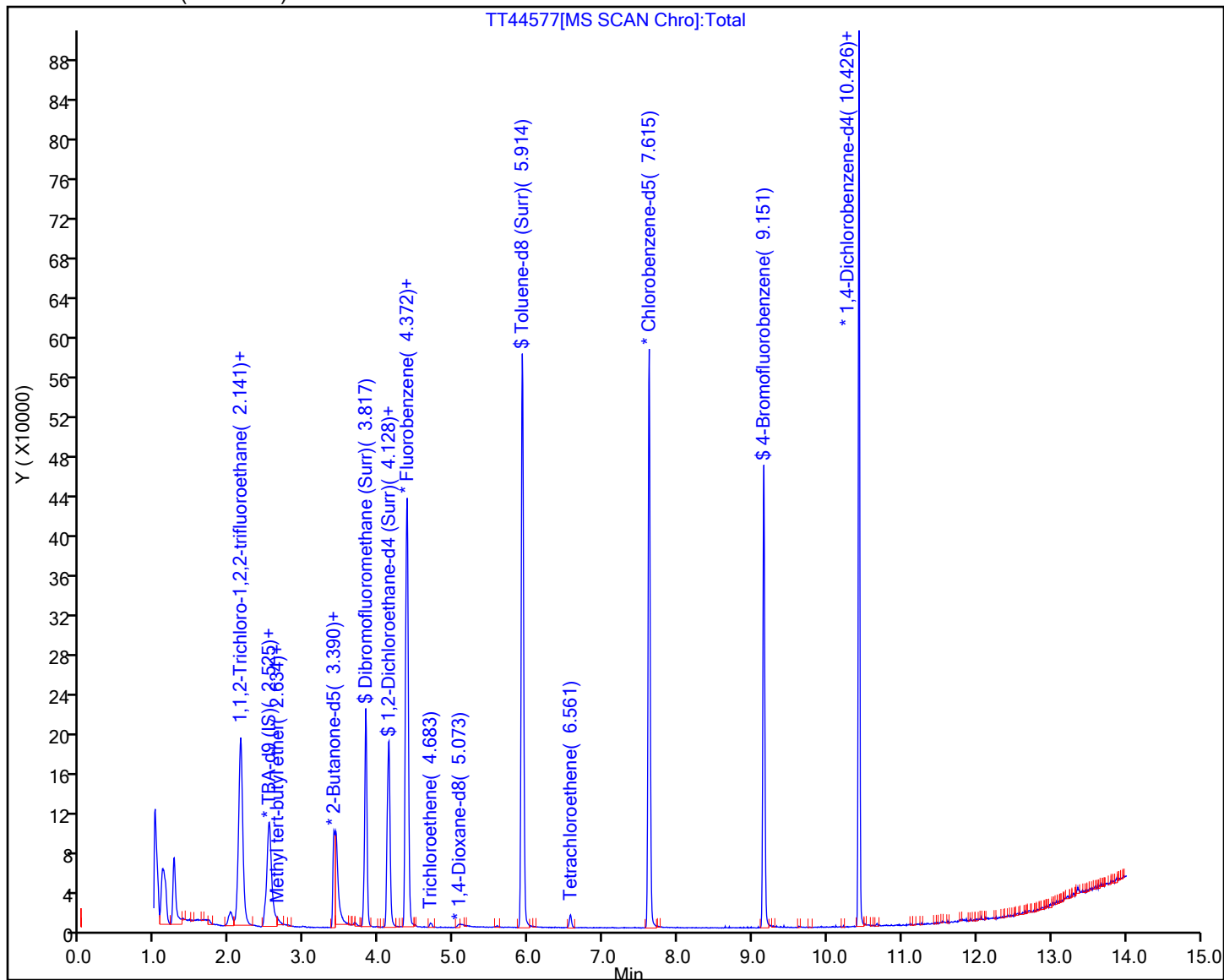
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D

Injection Date: 18-Sep-2021 14:54:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-C-9

Lab Sample ID: 460-242808-9

Client ID: MW-23A

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

26

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

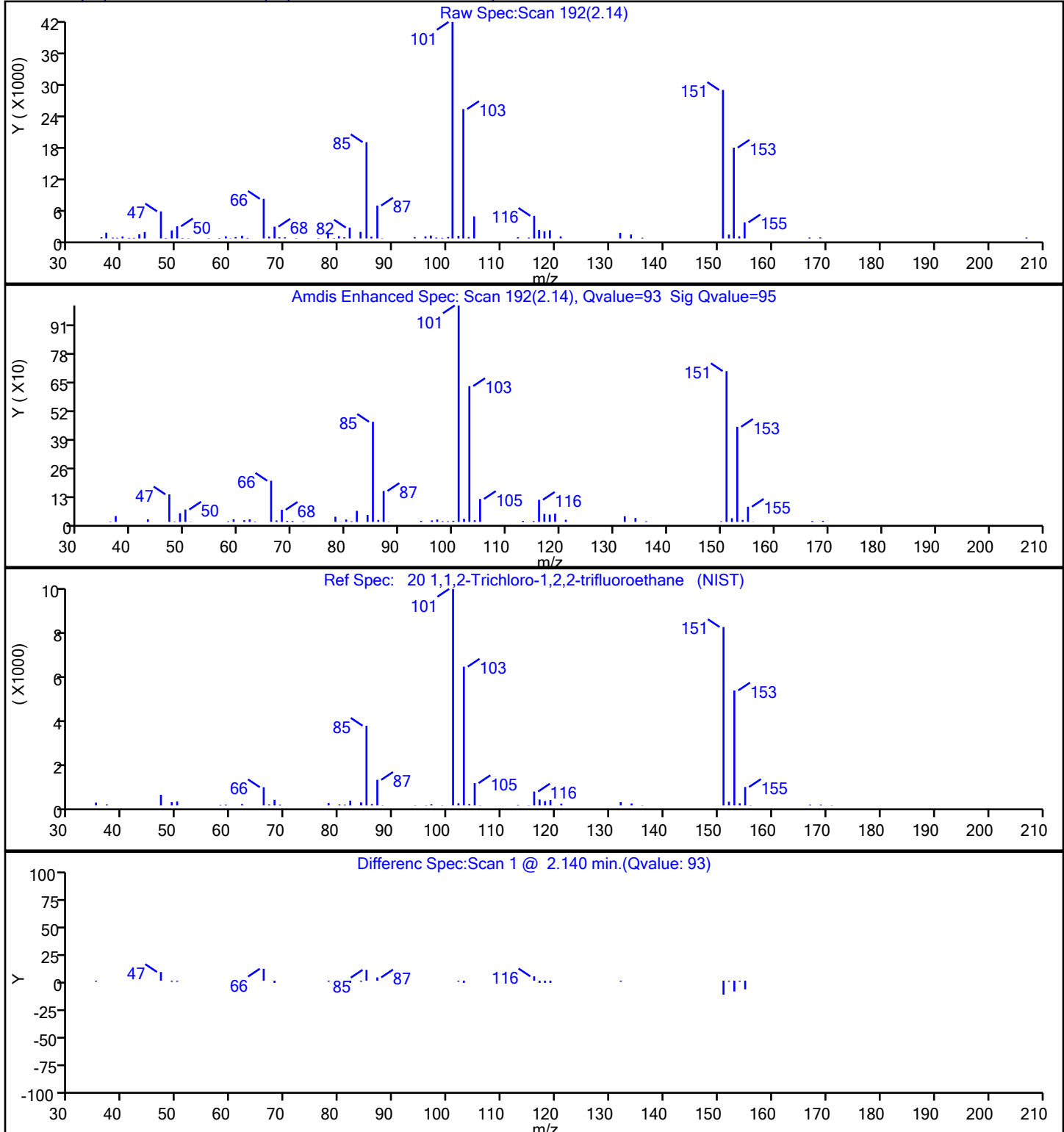
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D

Injection Date: 18-Sep-2021 14:54:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-C-9

Lab Sample ID: 460-242808-9

Client ID: MW-23A

Operator ID:

ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL

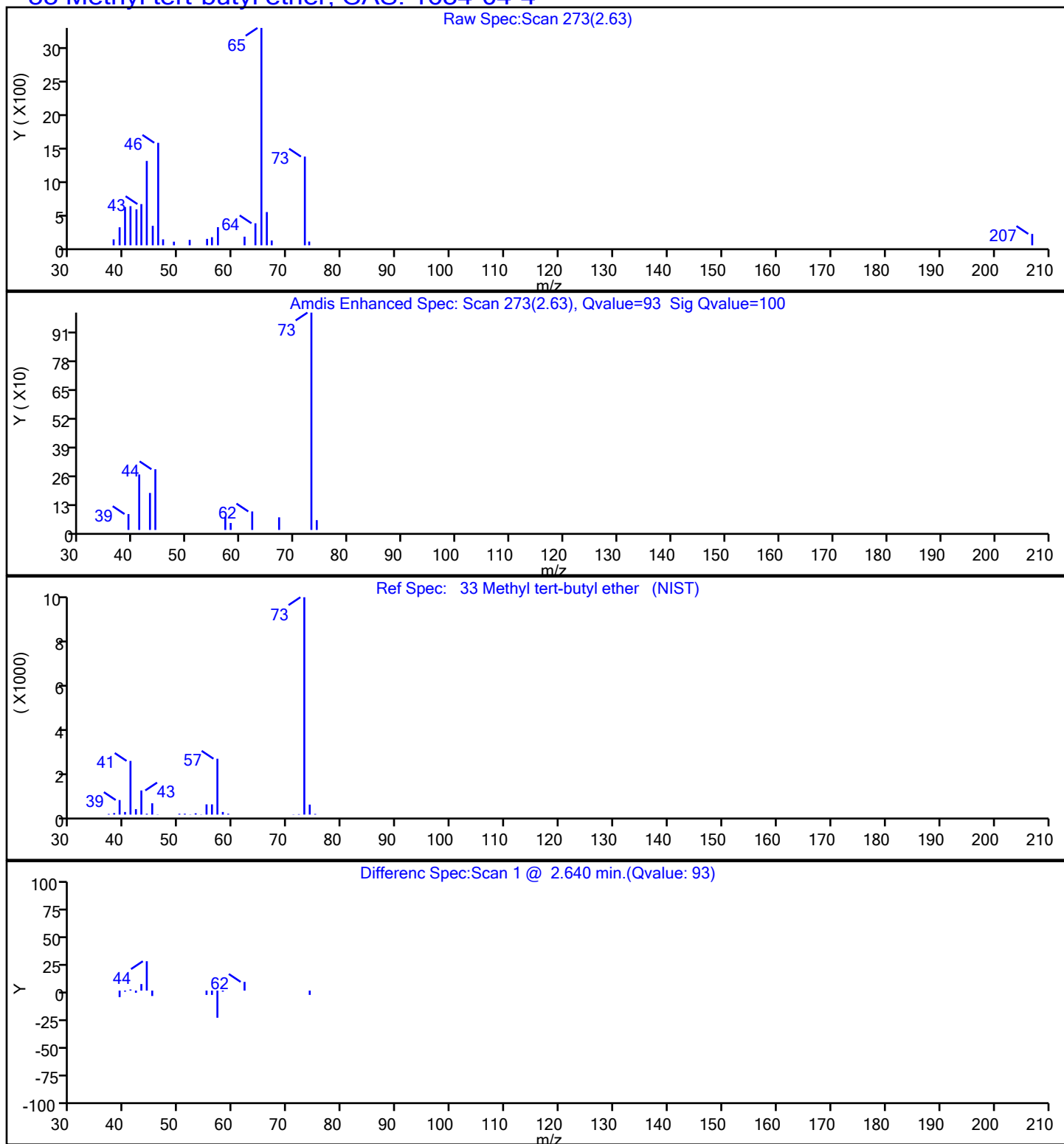
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D

Injection Date: 18-Sep-2021 14:54:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-C-9

Lab Sample ID: 460-242808-9

Client ID: MW-23A

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

26

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

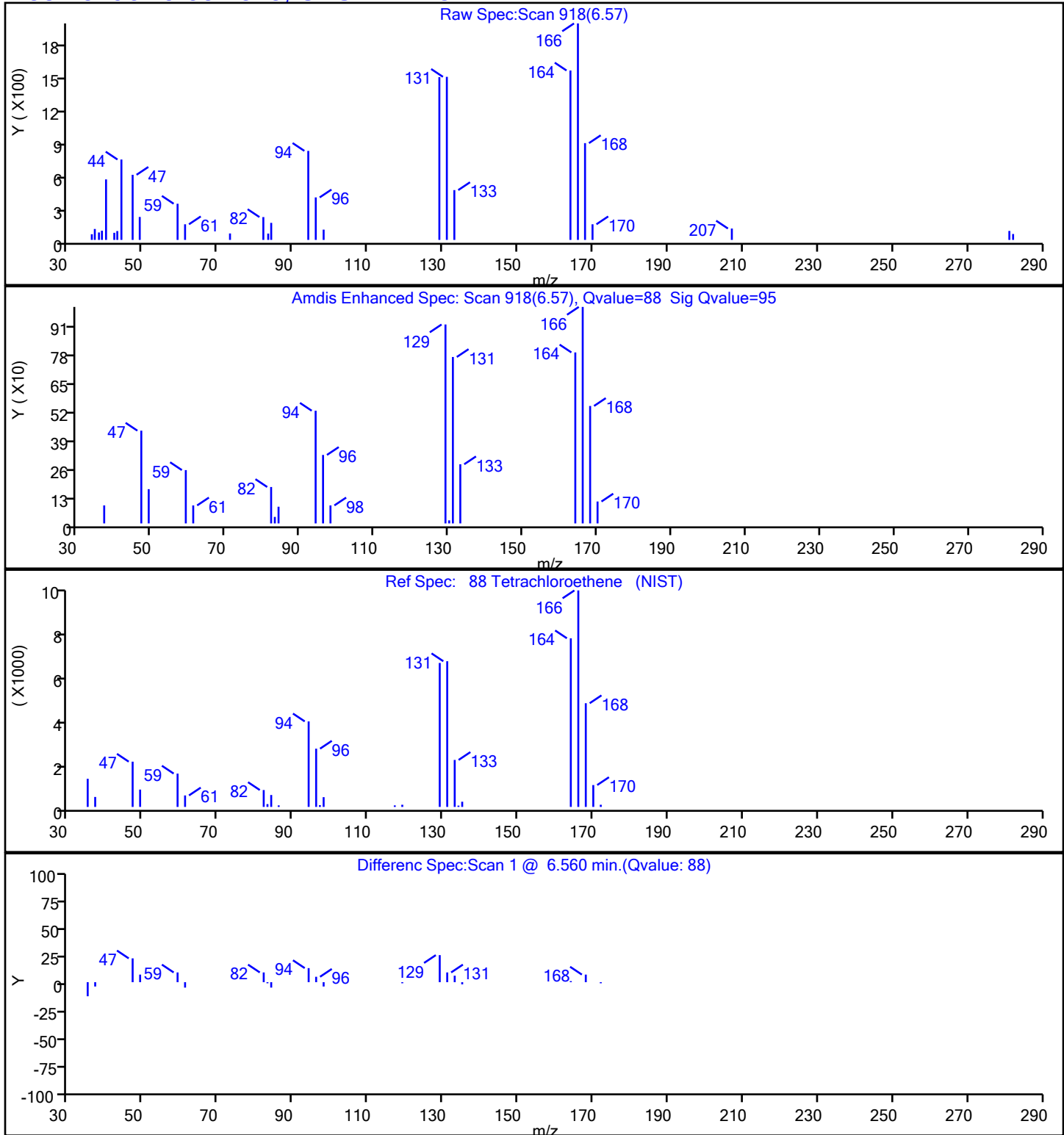
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D

Injection Date: 18-Sep-2021 14:54:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-C-9

Lab Sample ID: 460-242808-9

Client ID: MW-23A

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

26

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

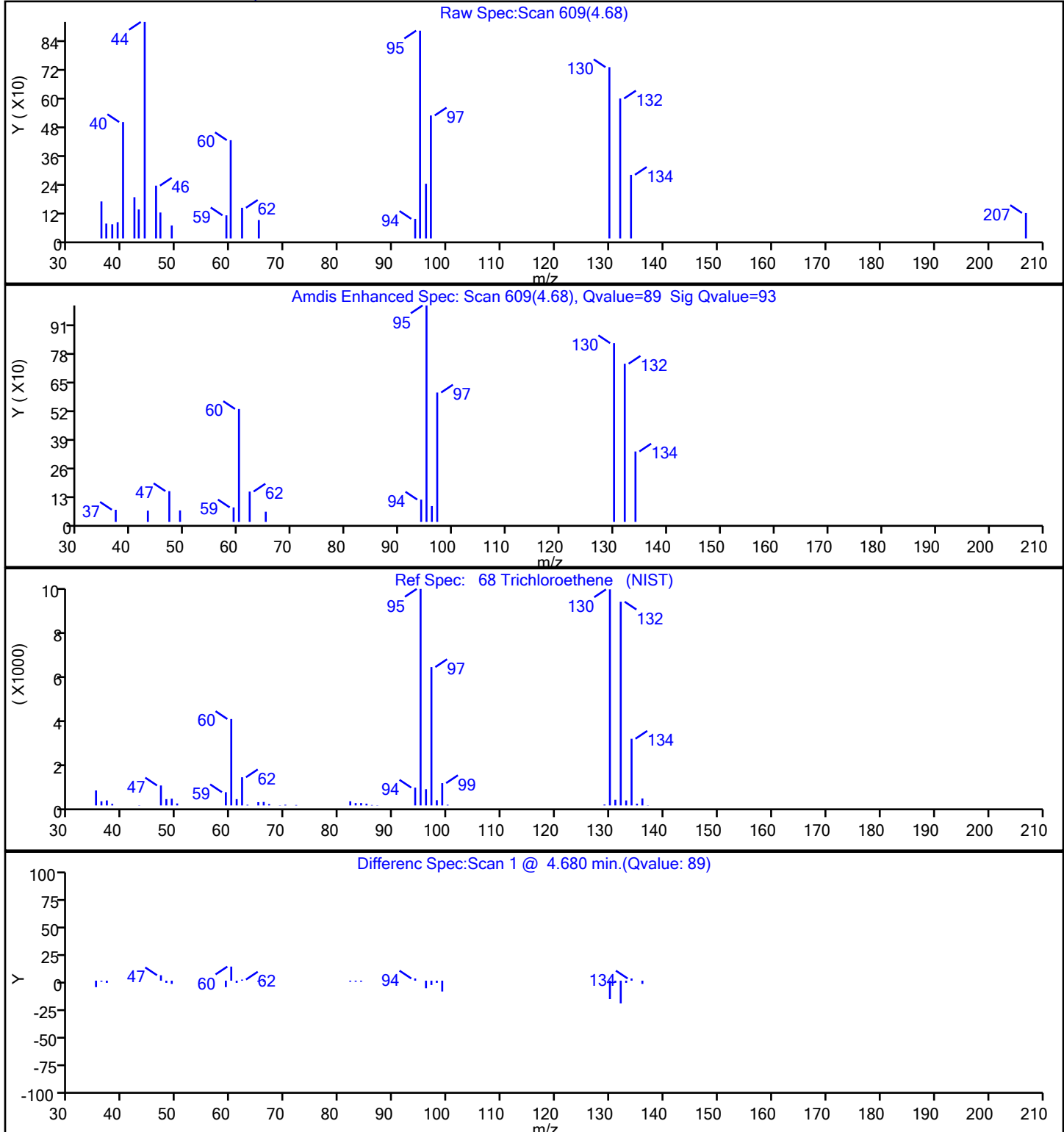
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D

Injection Date: 18-Sep-2021 14:54:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-C-9

Lab Sample ID: 460-242808-9

Client ID: MW-23A

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

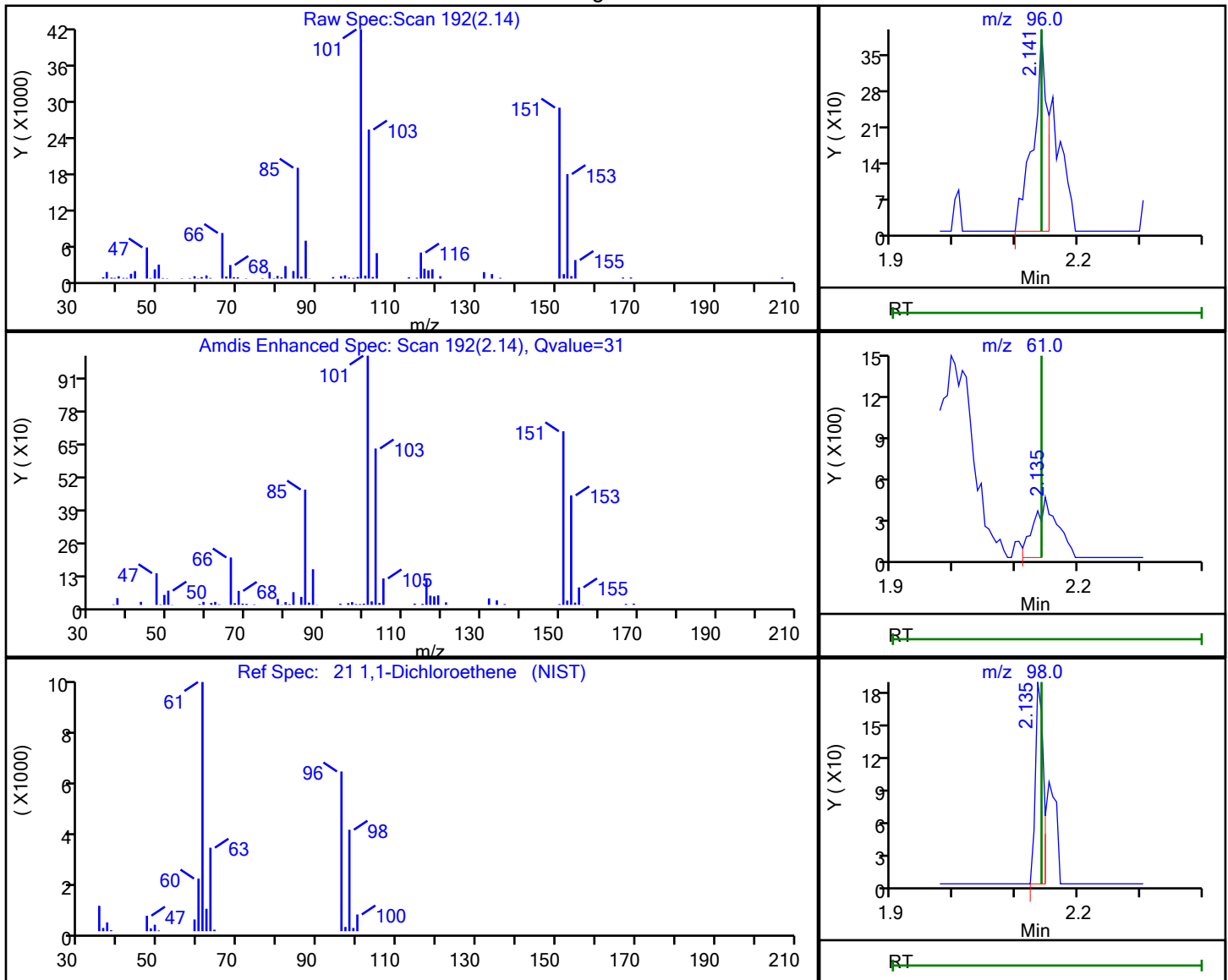
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.14	96.00	611	0.150056
2.13	61.00	437	
2.13	98.00	170	
2.15	63.00	201	

Reviewer: boykink, 18-Sep-2021 21:16:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D

Injection Date: 18-Sep-2021 14:54:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-C-9

Lab Sample ID: 460-242808-9

Client ID: MW-23A

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

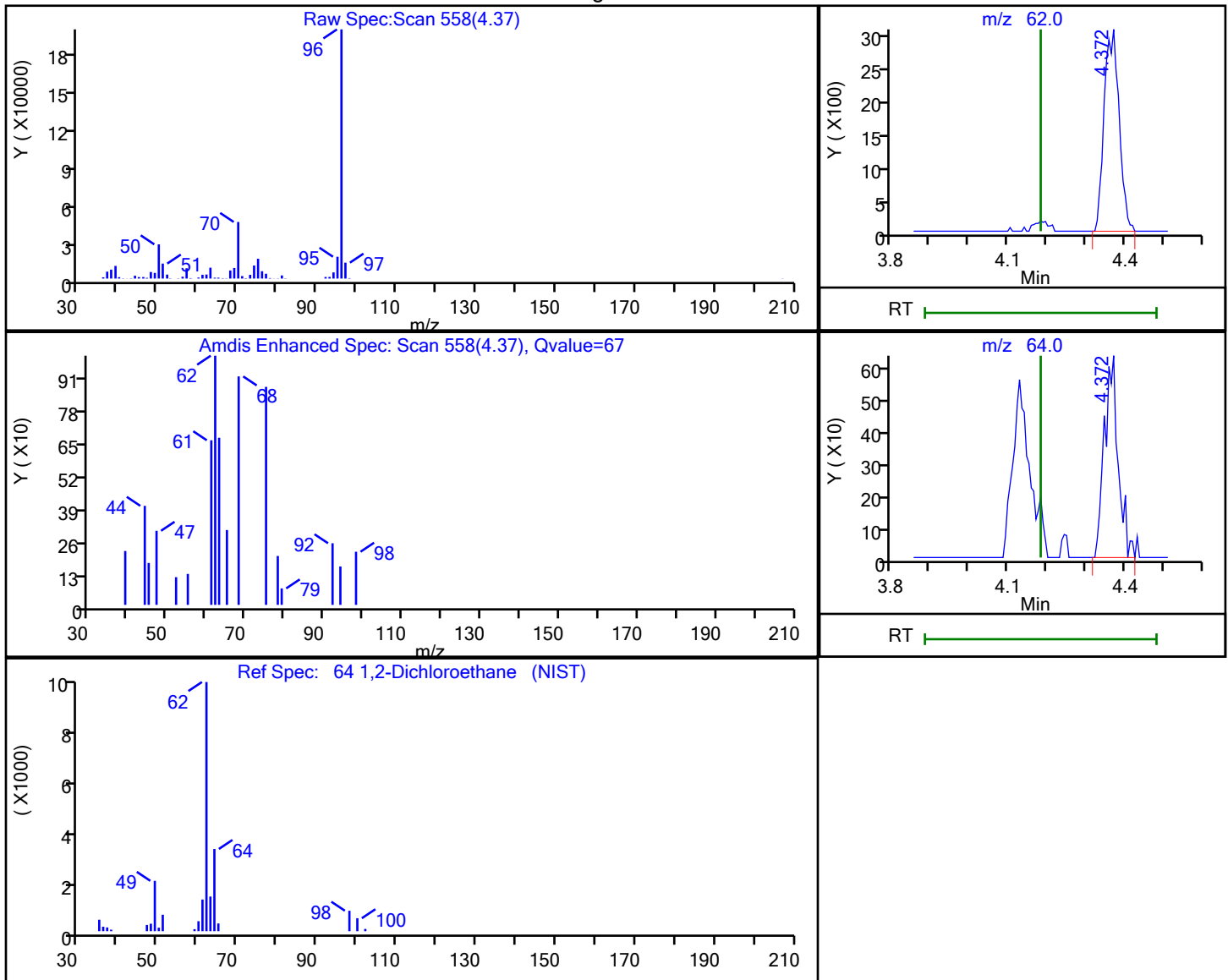
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.37	62.00	8251	1.386978
4.37	64.00	1566	

Reviewer: boykink, 18-Sep-2021 21:16:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D

Injection Date: 18-Sep-2021 14:54:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-C-9

Lab Sample ID: 460-242808-9

Client ID: MW-23A

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

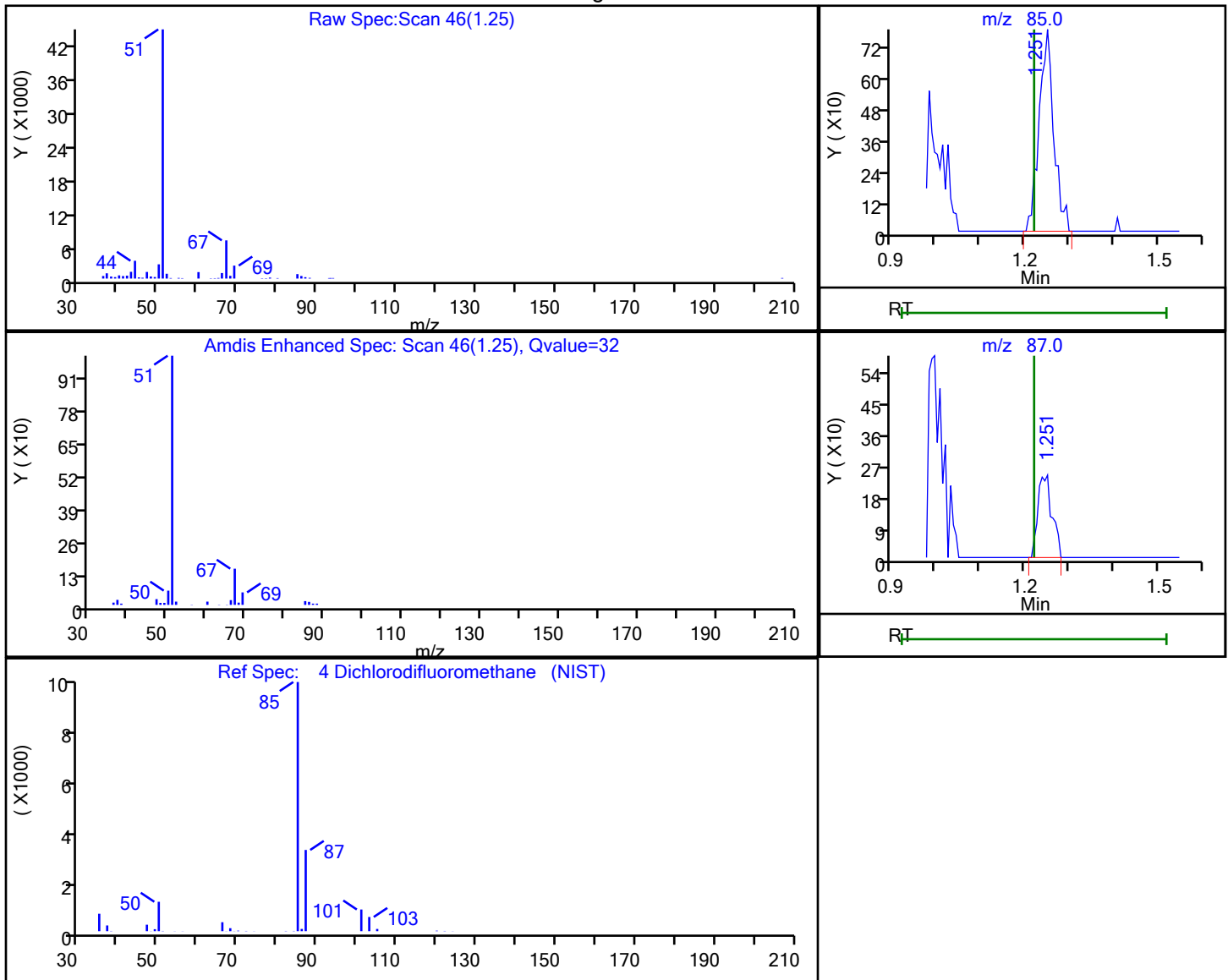
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.25	85.00	1796	0.304435
1.25	87.00	536	

Reviewer: xuyvo, 19-Sep-2021 13:08:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D

Injection Date: 18-Sep-2021 14:54:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-C-9

Lab Sample ID: 460-242808-9

Client ID: MW-23A

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

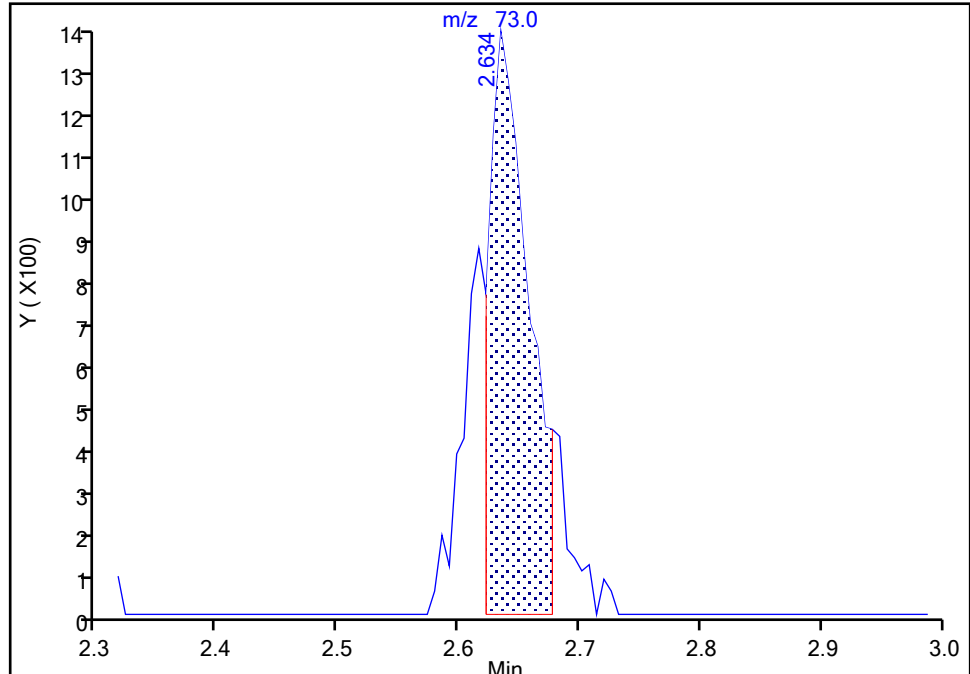
Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

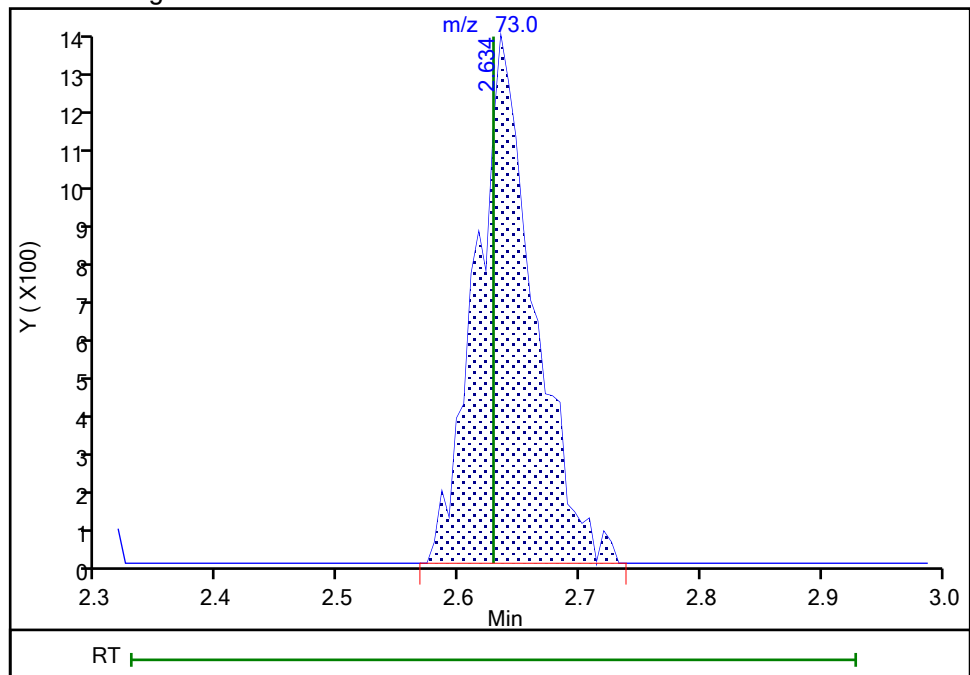
RT: 2.63
Area: 3074
Amount: 0.241610
Amount Units: ug/l

Processing Integration Results



RT: 2.63
Area: 4427
Amount: 0.347953
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 18-Sep-2021 21:16:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D

Injection Date: 18-Sep-2021 14:54:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-C-9

Lab Sample ID: 460-242808-9

Client ID: MW-23A

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

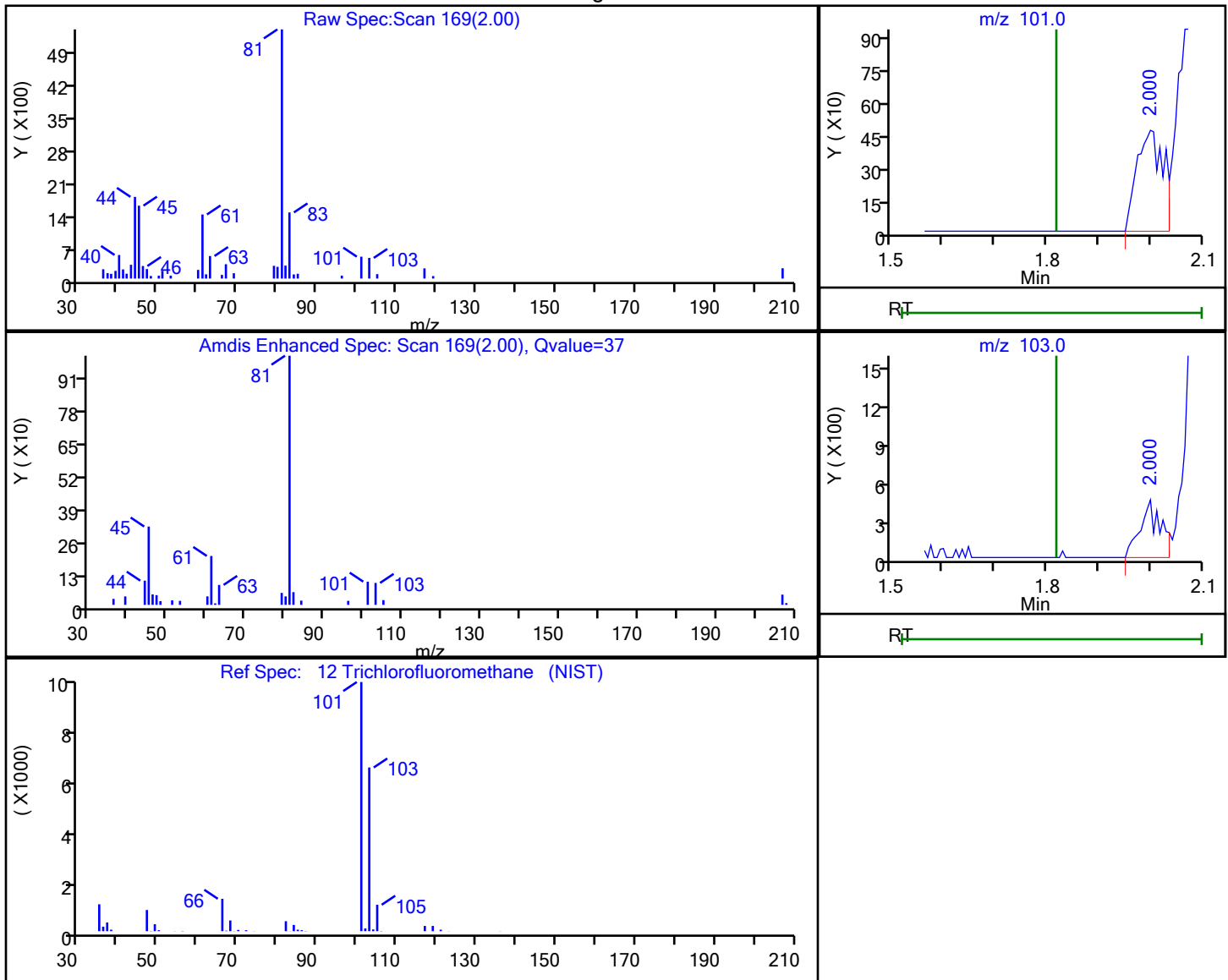
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.00	101.00	1655	0.253993
2.00	103.00	1191	

Reviewer: boykink, 18-Sep-2021 21:15:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D

Injection Date: 18-Sep-2021 14:54:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-C-9

Lab Sample ID: 460-242808-9

Client ID: MW-23A

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

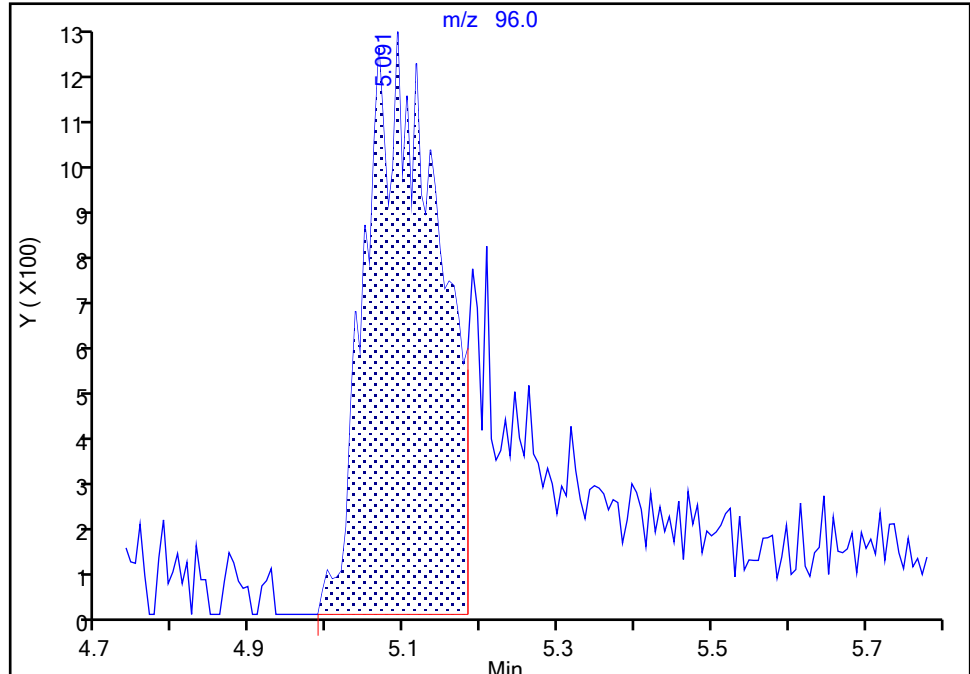
Detector: MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

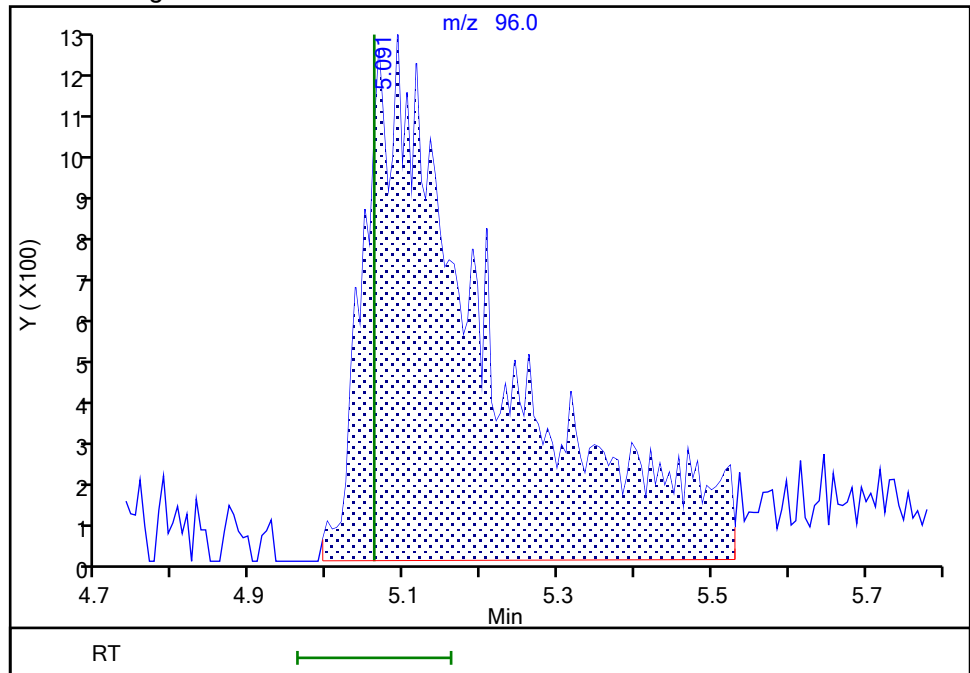
RT: 5.09
Area: 7974
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.09
Area: 13631
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 19-Sep-2021 13:08:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44577.D

Injection Date: 18-Sep-2021 14:54:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-C-9

Lab Sample ID: 460-242808-9

Client ID: MW-23A

Operator ID:

ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

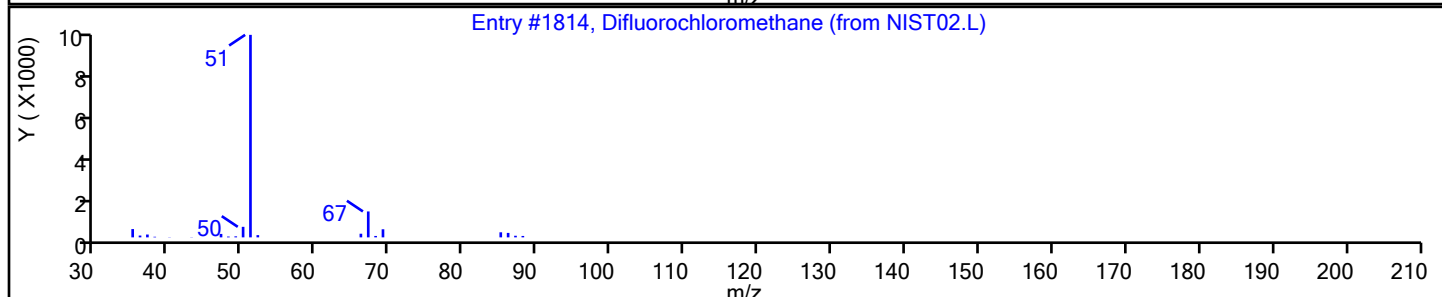
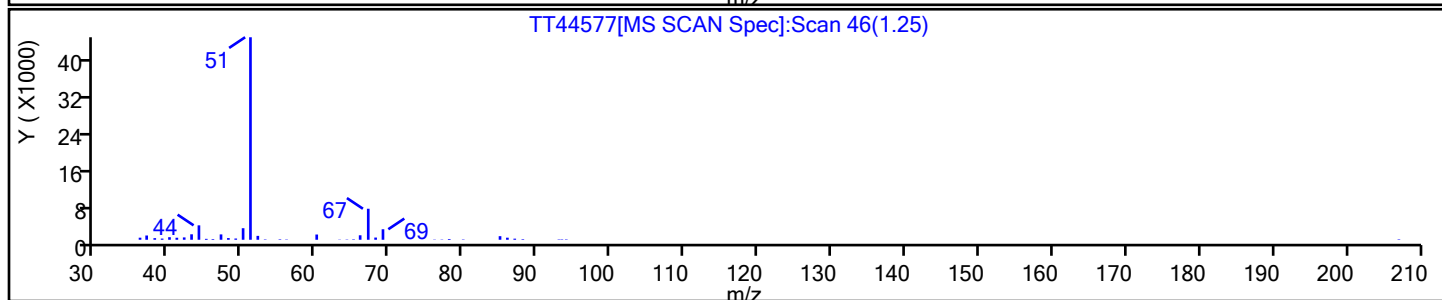
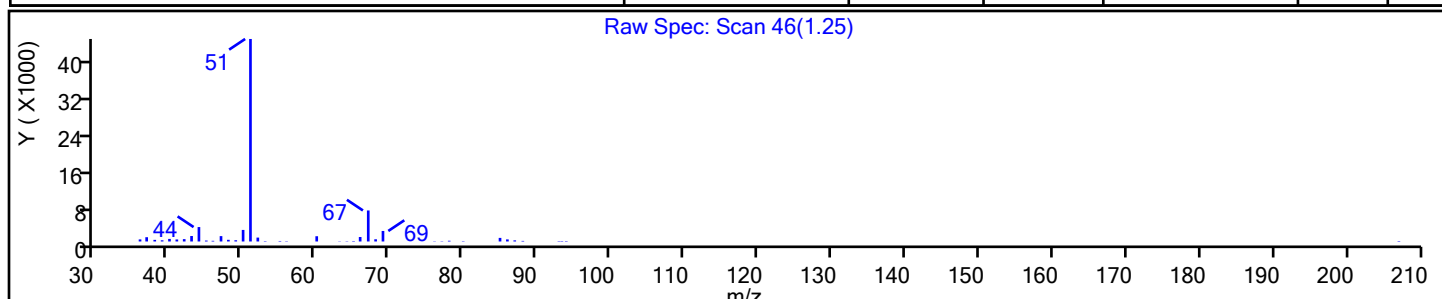
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Difluorochloromethane	75-45-6	NIST02.L	1814	CHClF2	86	83



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Client Sample ID: MW-11A Lab Sample ID: 460-242808-10

Matrix: Water Lab File ID: TT44578.D

Analysis Method: 8260D Date Collected: 09/13/2021 10:50

Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 15:15

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 801985 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	2.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.45	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-11A Lab Sample ID: 460-242808-10
 Matrix: Water Lab File ID: TT44578.D
 Analysis Method: 8260D Date Collected: 09/13/2021 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 09/18/2021 15:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.31	J	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	1.6		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	1.0		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: MW-11A Lab Sample ID: 460-242808-10
Matrix: Water Lab File ID: TT44578.D
Analysis Method: 8260D Date Collected: 09/13/2021 10:50
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 15:15
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44578.D
 Lims ID: 460-242808-B-10
 Client ID: MW-11A
 Sample Type: Client
 Inject. Date: 18-Sep-2021 15:15:30 ALS Bottle#: 26 Worklist Smp#: 27
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-10
 Misc. Info.: 460-0134688-027
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:09:30 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:17:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
20 112TCTFE	101	2.116	2.135	-0.019	93	9931	2.78	
* 31 TBA-d9 (IS)	66	2.506	2.519	-0.013	97	21039	1000.0	
33 Methyl tert-butyl ether	73	2.616	2.628	-0.012	96	3662	0.3137	M
* 42 2-Butanone-d5	46	3.384	3.409	-0.025	99	298192	250.0	
52 Chloroform	83	3.671	3.677	-0.006	95	3240	0.4517	
\$ 55 Dibromofluoromethane (Surr)	113	3.811	3.811	0.000	95	136595	51.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.116	4.122	-0.006	96	165048	50.0	
* 66 Fluorobenzene	96	4.360	4.366	-0.006	97	475077	50.0	
68 Trichloroethene	95	4.677	4.689	-0.012	93	3928	1.01	
* 72 1,4-Dioxane-d8	96	5.079	5.061	0.018	92	13839	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.908	5.914	-0.006	98	431206	51.2	
88 Tetrachloroethene	166	6.554	6.561	-0.007	93	5030	1.57	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	91	315766	50.0	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	115842	48.1	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	173428	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44578.D

Injection Date: 18-Sep-2021 15:15:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-10

Lab Sample ID: 460-242808-10

Client ID: MW-11A

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

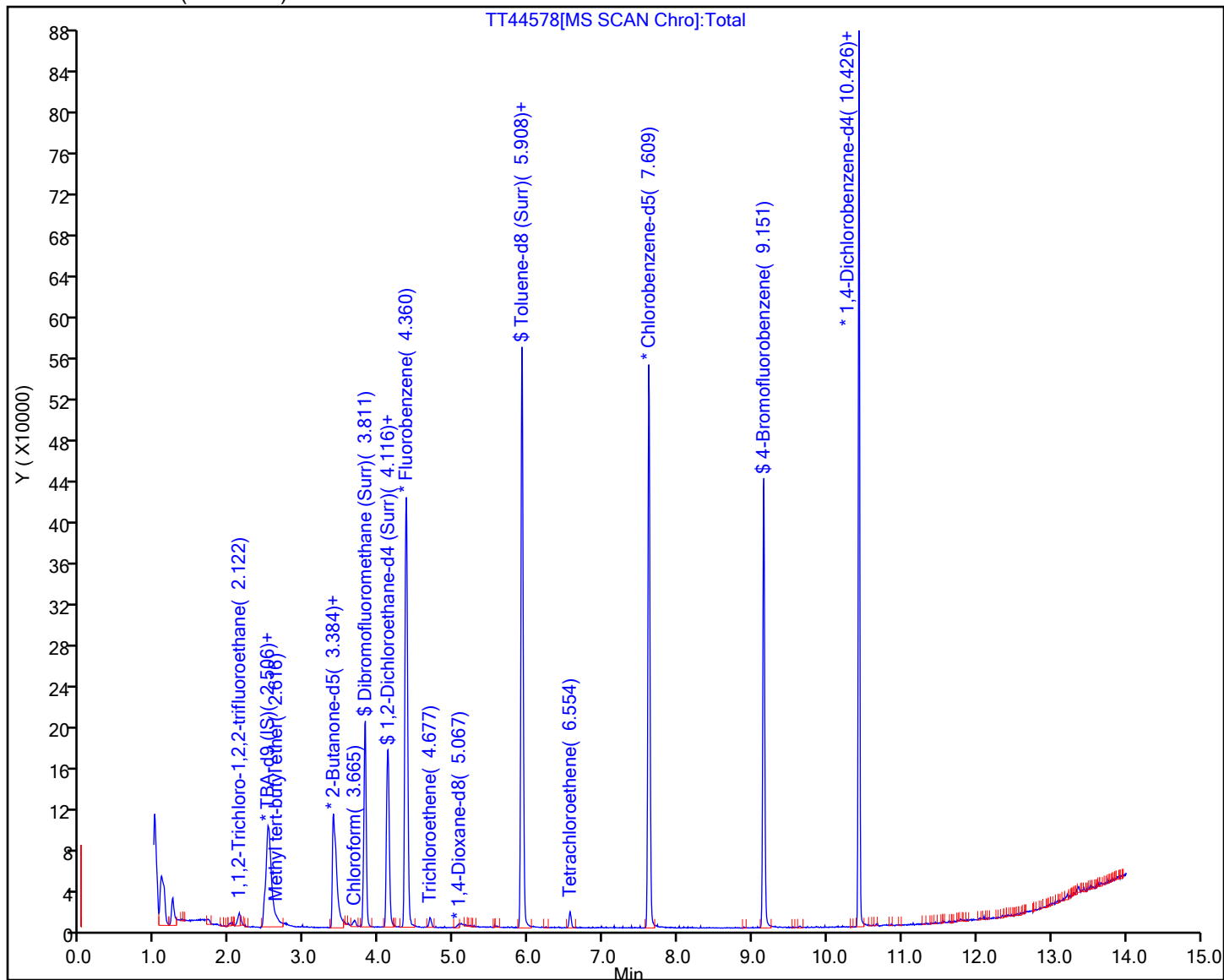
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44578.D

Injection Date: 18-Sep-2021 15:15:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-10

Lab Sample ID: 460-242808-10

Client ID: MW-11A

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

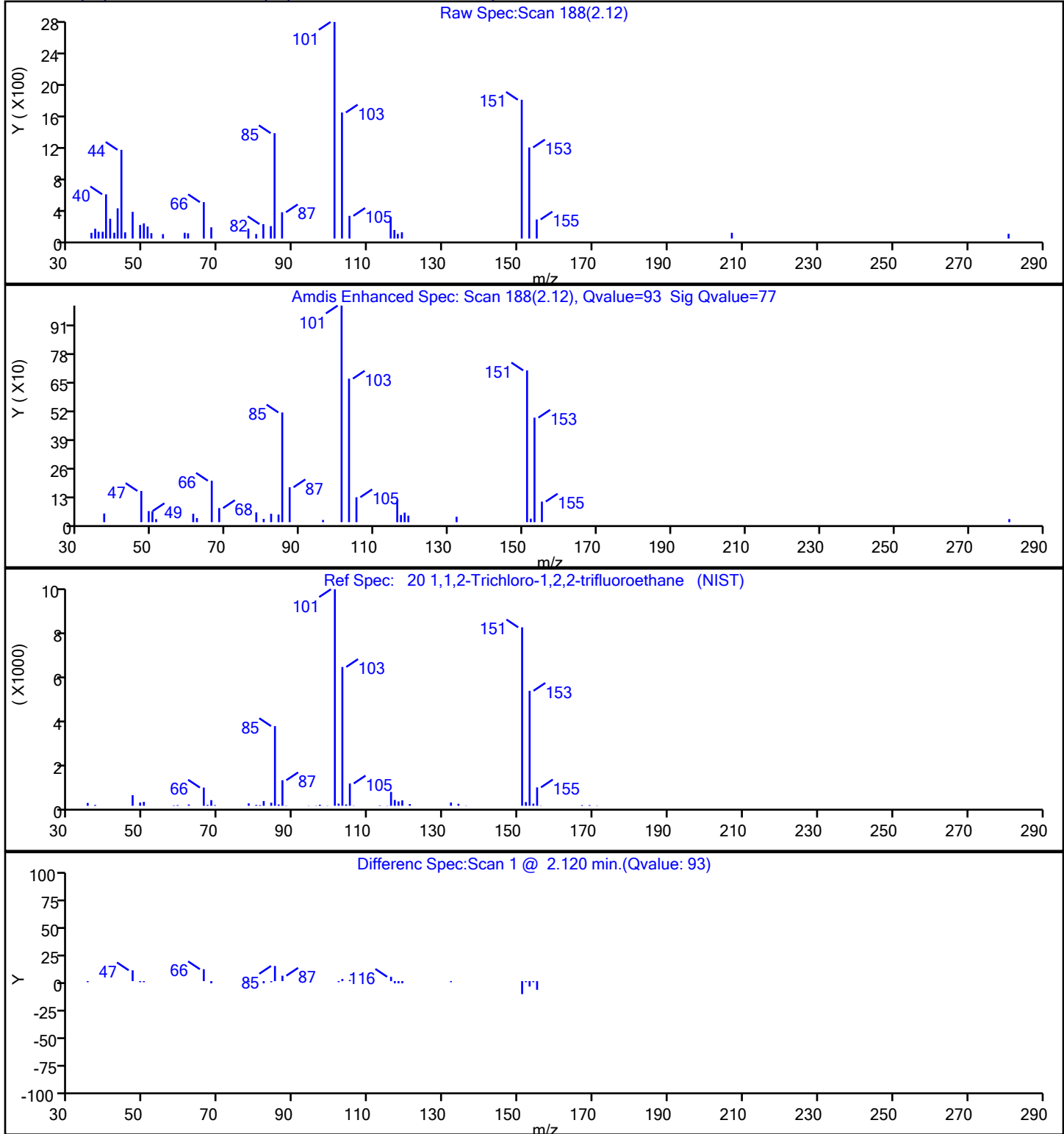
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44578.D

Injection Date: 18-Sep-2021 15:15:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-10

Lab Sample ID: 460-242808-10

Client ID: MW-11A

Operator ID:

ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL

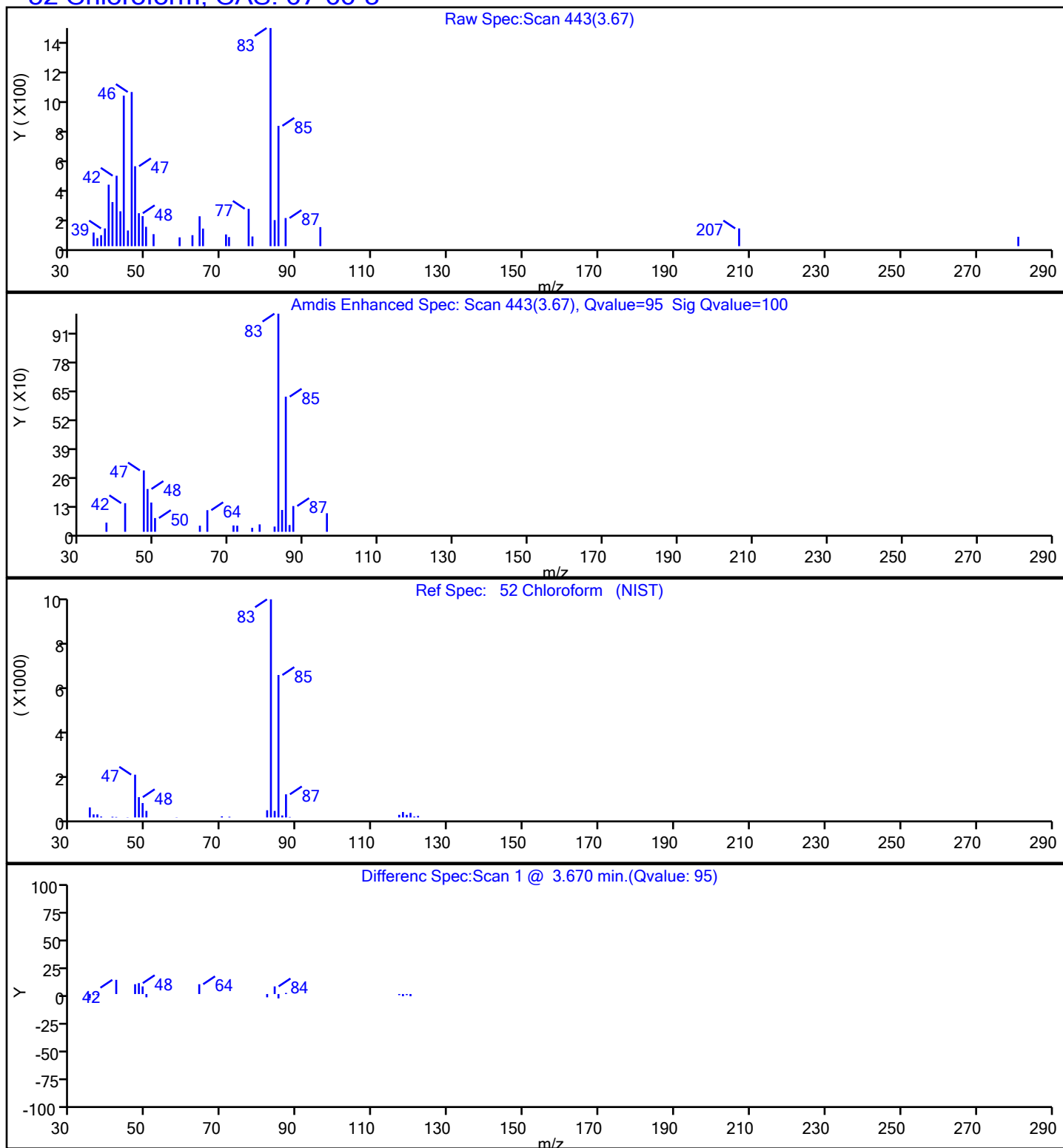
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44578.D

Injection Date: 18-Sep-2021 15:15:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-10

Lab Sample ID: 460-242808-10

Client ID: MW-11A

Operator ID:

ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL

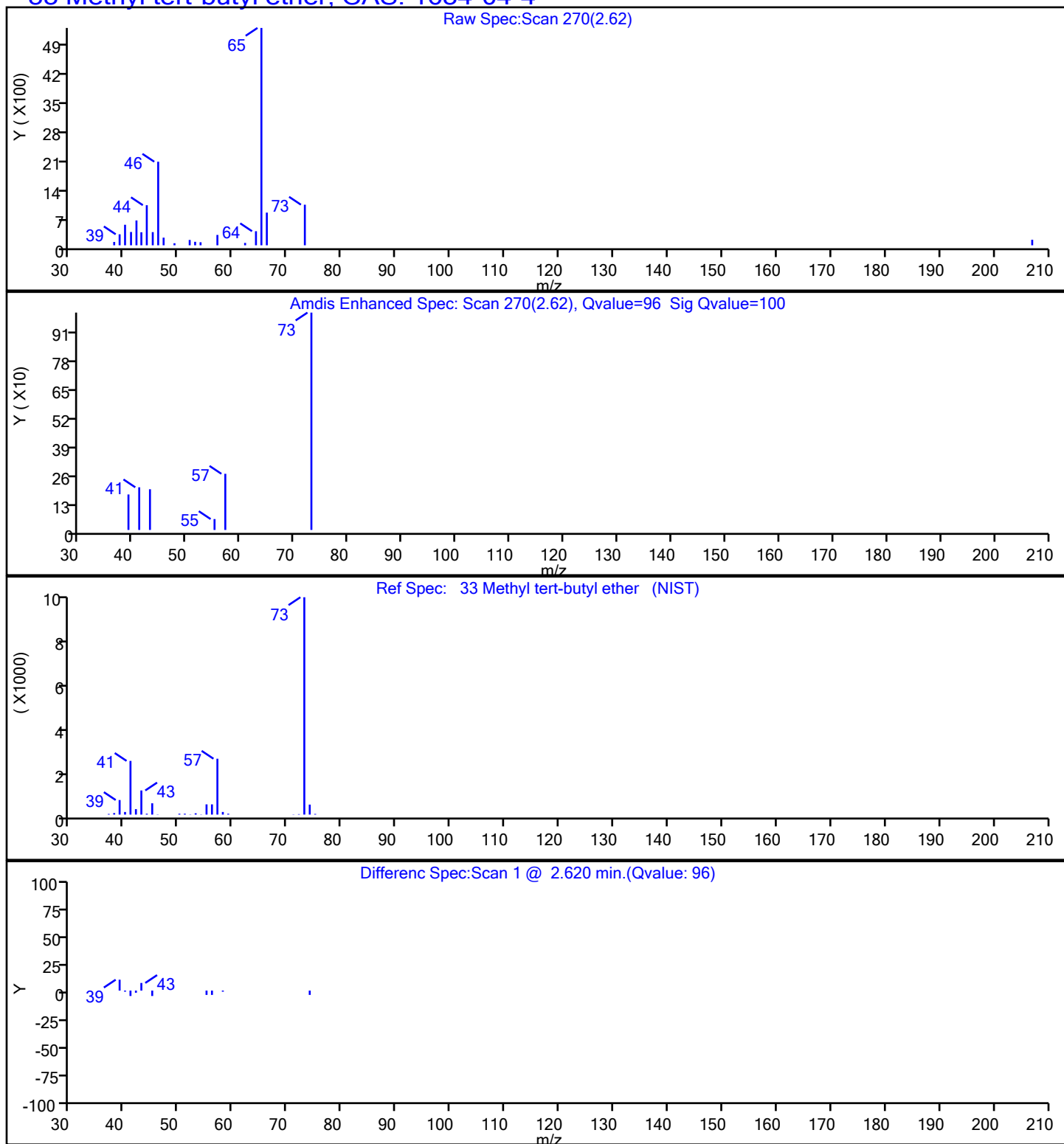
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44578.D

Injection Date: 18-Sep-2021 15:15:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-10

Lab Sample ID: 460-242808-10

Client ID: MW-11A

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

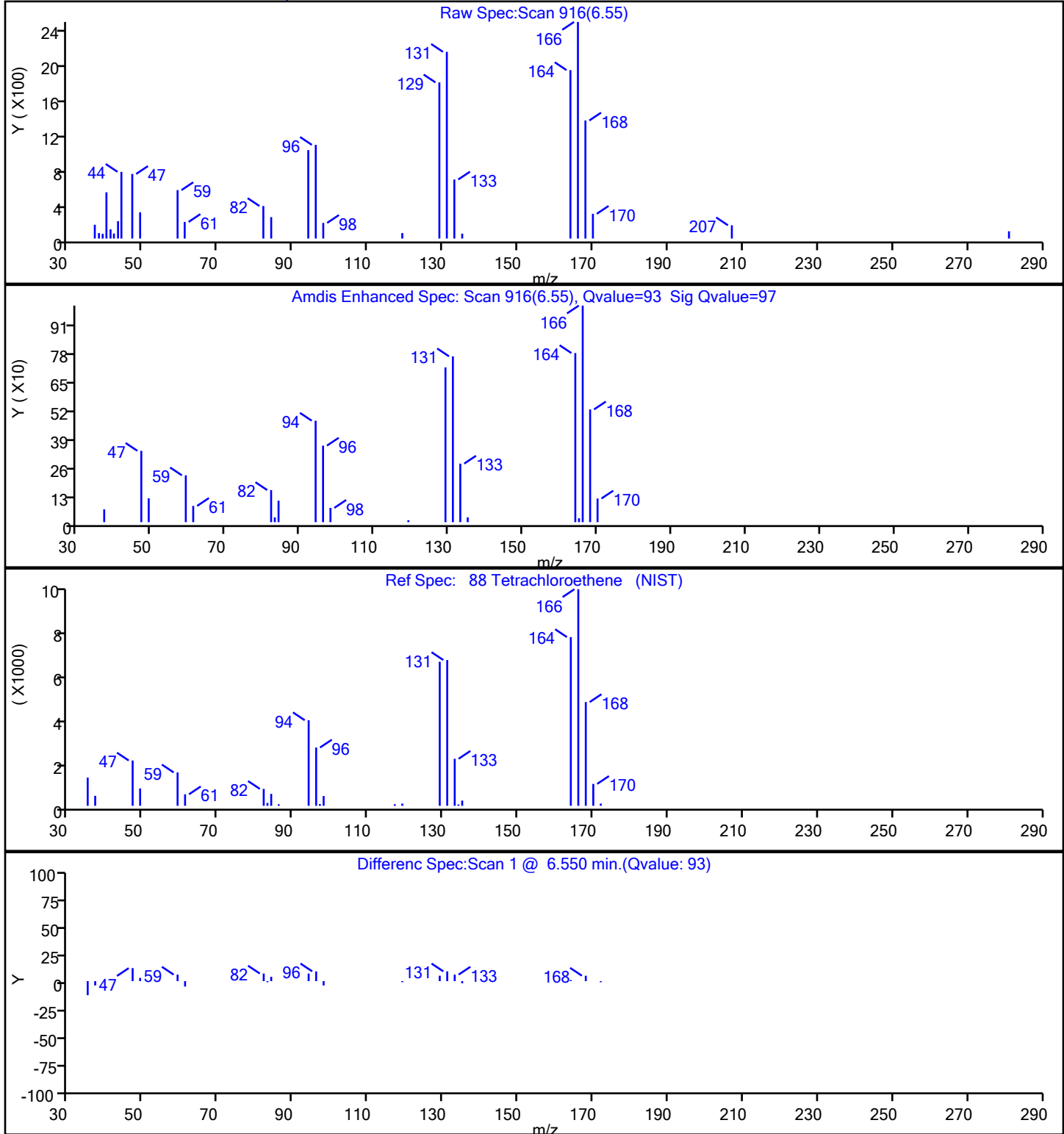
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44578.D

Injection Date: 18-Sep-2021 15:15:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-10

Lab Sample ID: 460-242808-10

Client ID: MW-11A

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

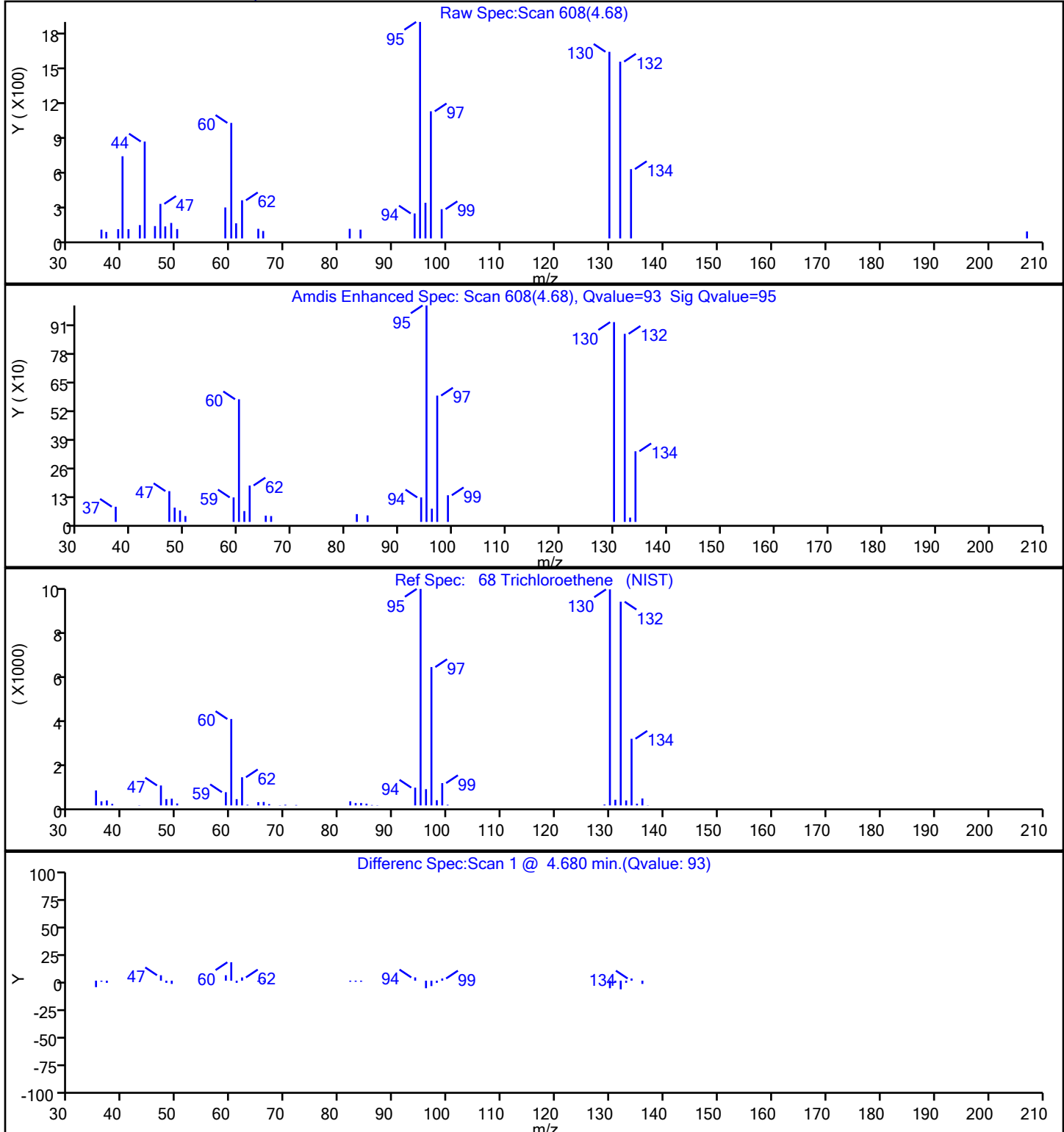
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44578.D

Injection Date: 18-Sep-2021 15:15:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-10

Lab Sample ID: 460-242808-10

Client ID: MW-11A

Operator ID:

ALS Bottle#:

26

Worklist Smp#: 27

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

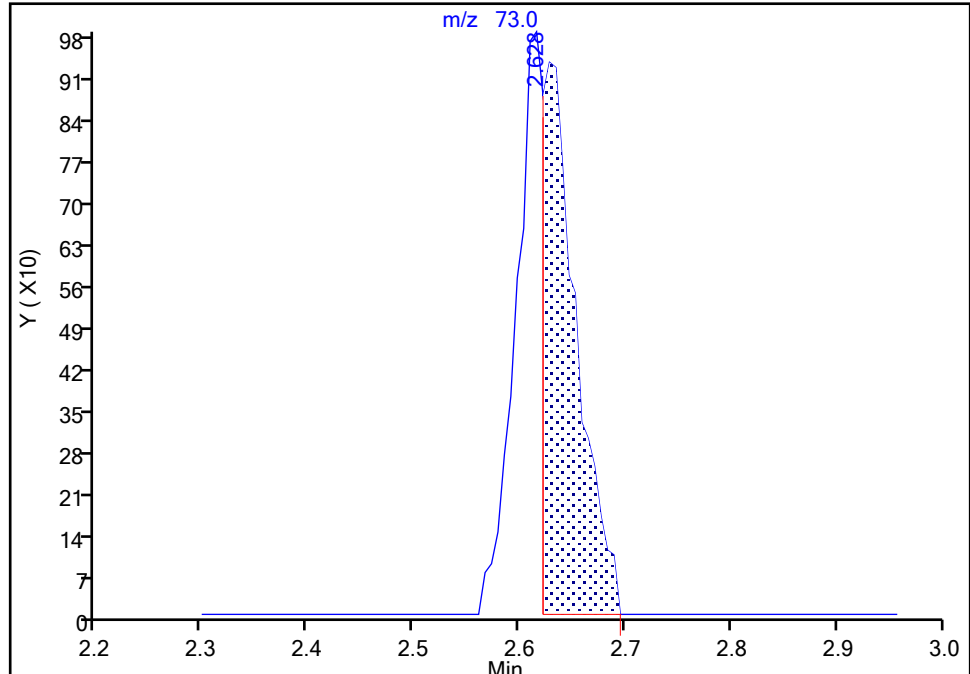
Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

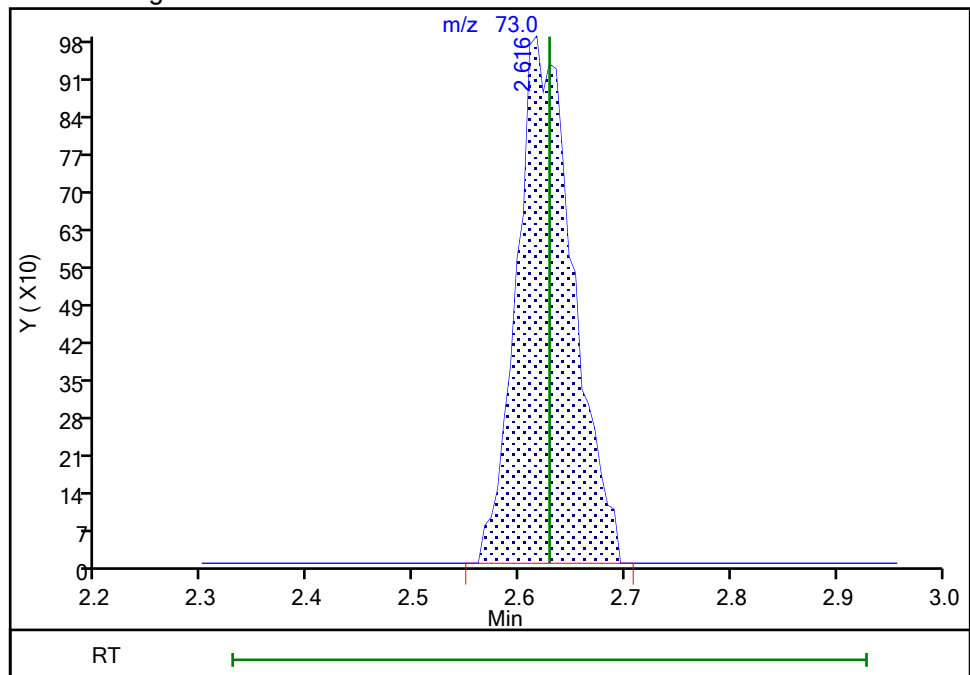
RT: 2.63
Area: 2153
Amount: 0.184409
Amount Units: ug/l

Processing Integration Results



RT: 2.62
Area: 3662
Amount: 0.313658
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 18-Sep-2021 21:16:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-24 Lab Sample ID: 460-242808-11
 Matrix: Water Lab File ID: TT44570.D
 Analysis Method: 8260D Date Collected: 09/13/2021 11:40
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 12:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 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	2.4		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U F1	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-24 Lab Sample ID: 460-242808-11
 Matrix: Water Lab File ID: TT44570.D
 Analysis Method: 8260D Date Collected: 09/13/2021 11:40
 Sample wt/vol: 5(mL) Date Analyzed: 09/18/2021 12:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: MW-24 Lab Sample ID: 460-242808-11
Matrix: Water Lab File ID: TT44570.D
Analysis Method: 8260D Date Collected: 09/13/2021 11:40
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 12:30
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44570.D
 Lims ID: 460-242808-B-11
 Client ID: MW-24
 Sample Type: Client
 Inject. Date: 18-Sep-2021 12:30:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-11
 Misc. Info.: 460-0134688-019
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:04:54 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:11:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
20 112TCTFE	101	2.135	2.135	0.000	93	9093	2.42	M
* 31 TBA-d9 (IS)	66	2.513	2.519	-0.006	97	23824	1000.0	
* 42 2-Butanone-d5	46	3.384	3.409	-0.025	99	306405	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.811	3.811	0.000	95	140655	50.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.116	4.122	-0.006	96	174633	50.4	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	498810	50.0	
* 72 1,4-Dioxane-d8	96	5.073	5.061	0.012	88	13071	1000.0	M
\$ 83 Toluene-d8 (Surr)	98	5.908	5.914	-0.006	98	445666	52.0	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	91	320945	50.0	
\$ 105 4-Bromofluorobenzene	174	9.152	9.151	0.001	0	118093	48.2	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	173407	50.0	
125 2,3-Dihydroindene	117	10.663	10.663	0.000	92	2182	0.1653	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44570.D

Injection Date: 18-Sep-2021 12:30:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-11

Lab Sample ID: 460-242808-11

Client ID: MW-24

Operator ID:

ALS Bottle#: 18

Worklist Smp#: 19

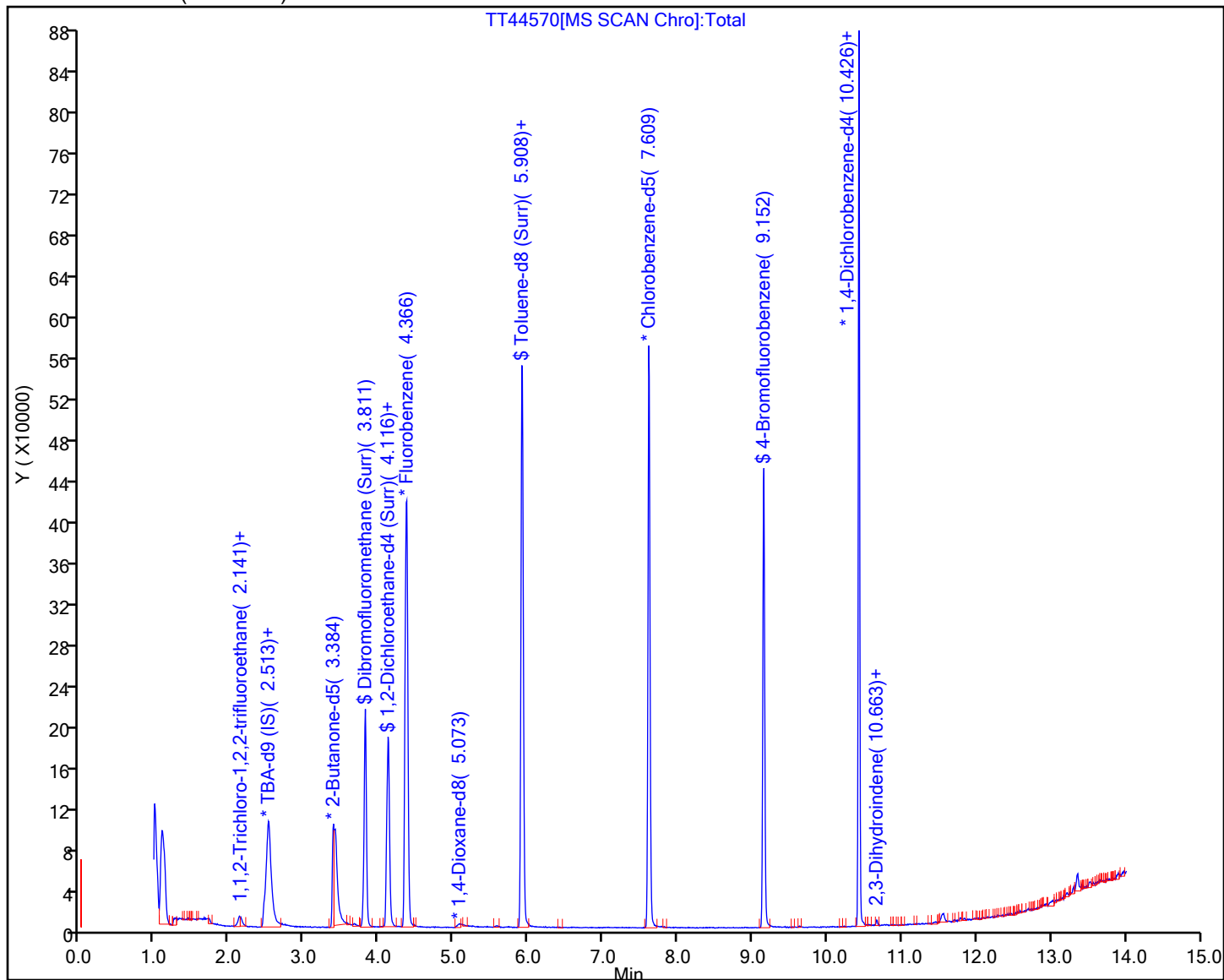
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44570.D

Injection Date: 18-Sep-2021 12:30:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-11

Lab Sample ID: 460-242808-11

Client ID: MW-24

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

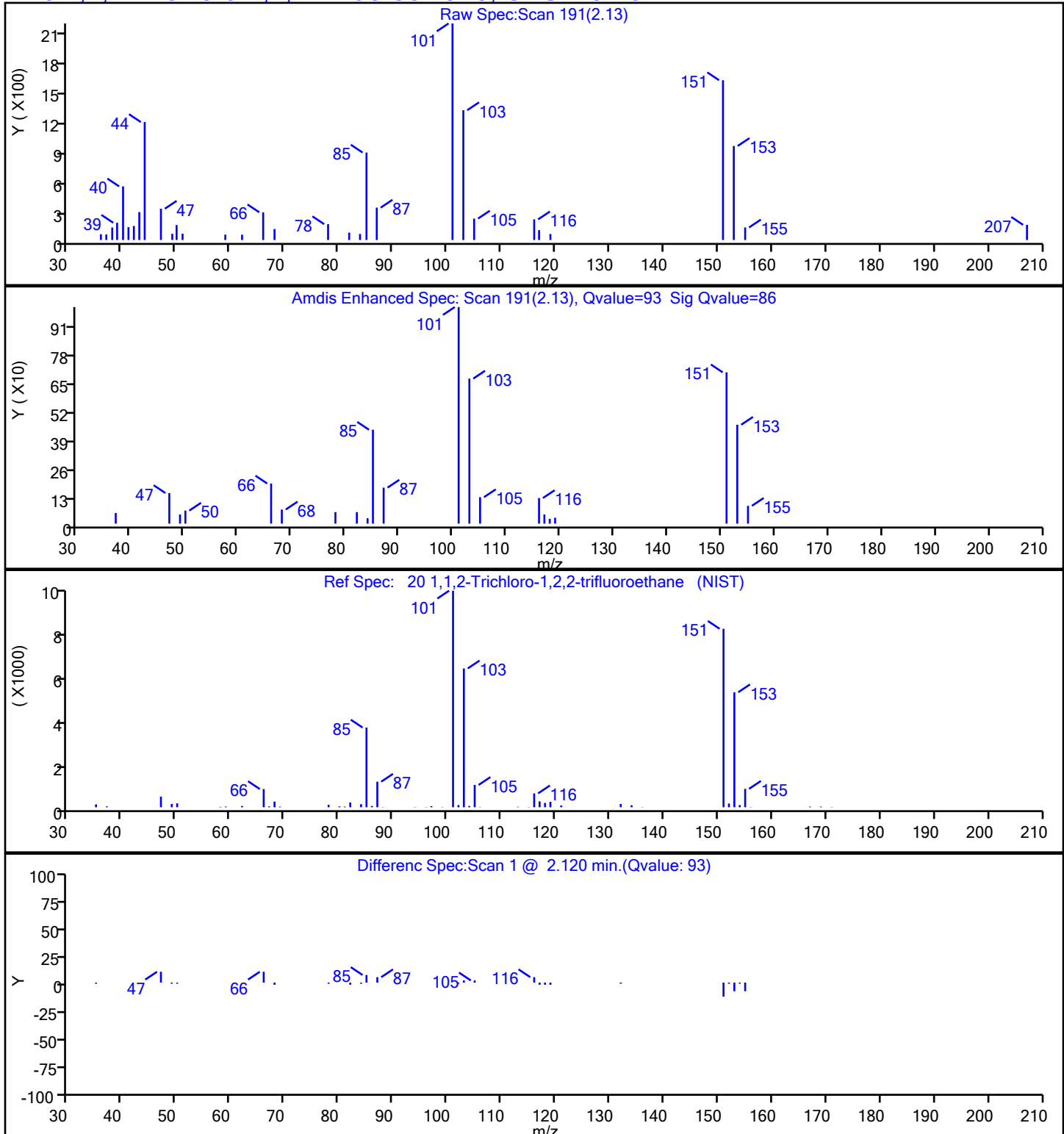
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44570.D

Injection Date: 18-Sep-2021 12:30:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-11

Lab Sample ID: 460-242808-11

Client ID: MW-24

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

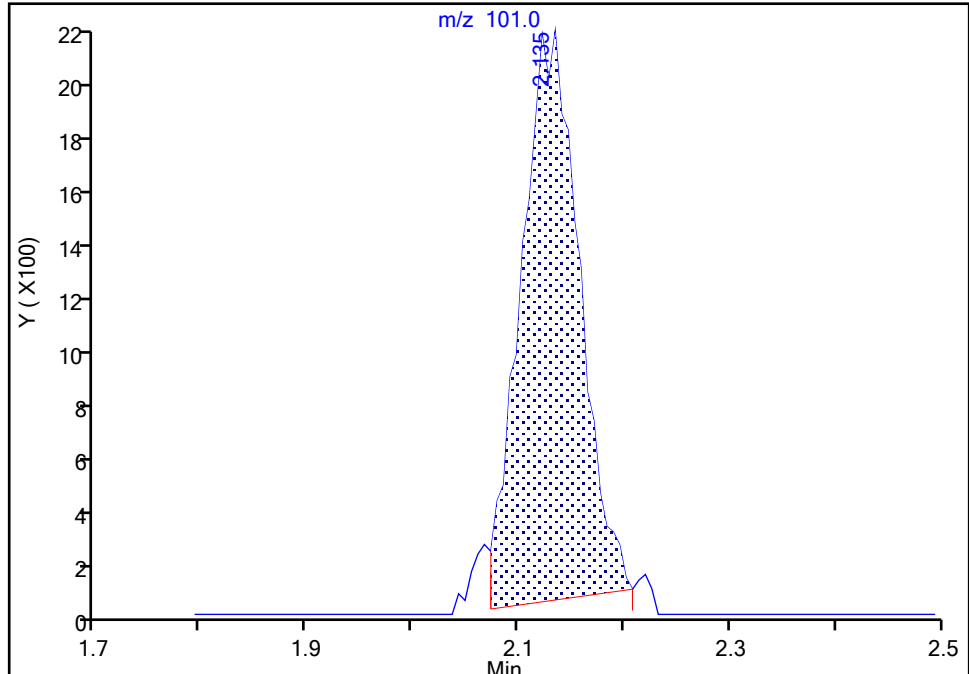
Detector: MS Quad

20 112TCTFE, CAS: 76-13-1

Signal: 1

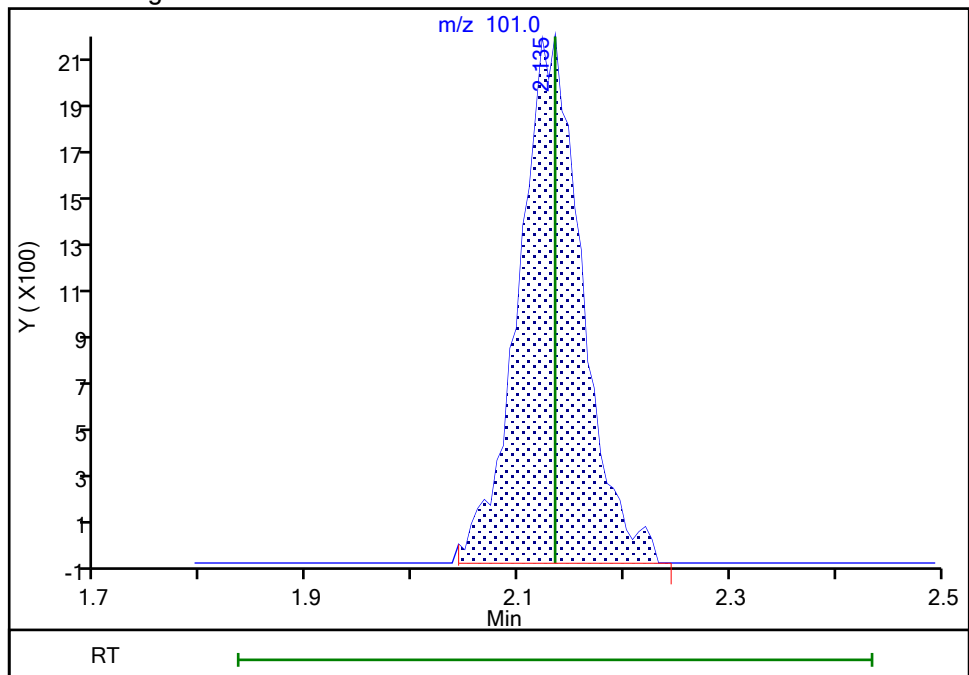
RT: 2.13
Area: 8181
Amount: 2.180855
Amount Units: ug/l

Processing Integration Results



RT: 2.13
Area: 9093
Amount: 2.423972
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 19-Sep-2021 13:04:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44570.D

Injection Date: 18-Sep-2021 12:30:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-11

Lab Sample ID: 460-242808-11

Client ID: MW-24

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

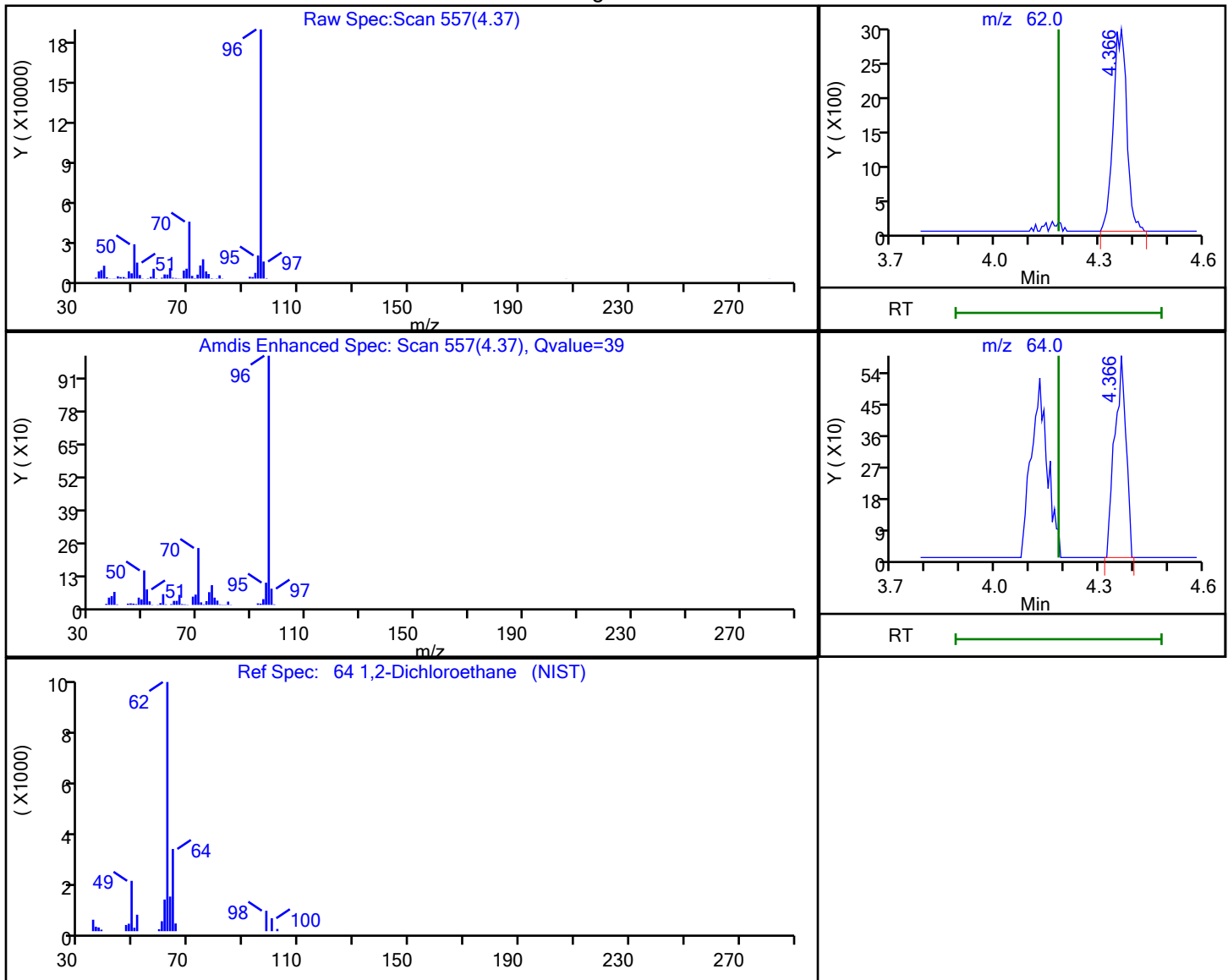
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.37	62.00	8053	1.404997
4.37	64.00	1344	

Reviewer: boykink, 18-Sep-2021 21:10:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44570.D

Injection Date: 18-Sep-2021 12:30:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-11

Lab Sample ID: 460-242808-11

Client ID: MW-24

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

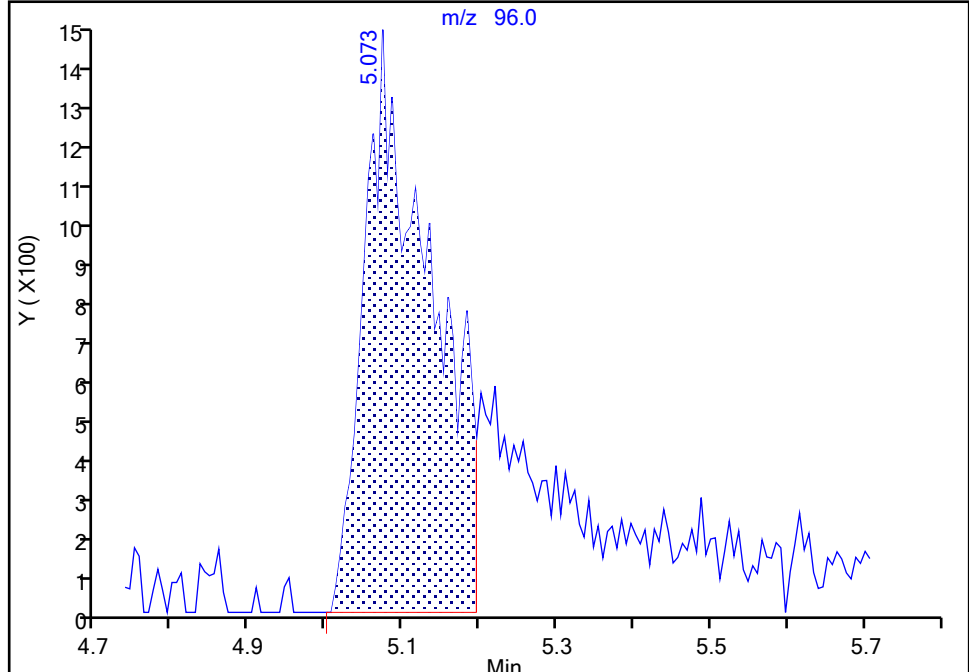
Detector: MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

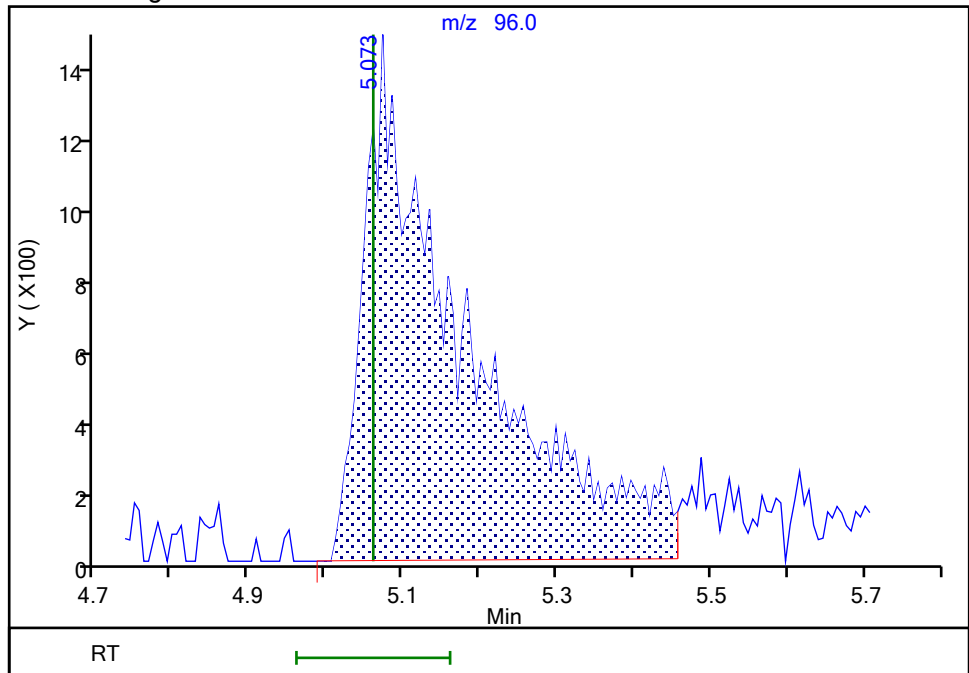
RT: 5.07
Area: 8750
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.07
Area: 13071
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 19-Sep-2021 13:04:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-34A Lab Sample ID: 460-242808-12
 Matrix: Water Lab File ID: TT44579.D
 Analysis Method: 8260D Date Collected: 09/13/2021 12:20
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 15:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 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	0.56	J	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	1.2		1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-34A Lab Sample ID: 460-242808-12
 Matrix: Water Lab File ID: TT44579.D
 Analysis Method: 8260D Date Collected: 09/13/2021 12:20
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 15:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	1.3		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: MW-34A Lab Sample ID: 460-242808-12
Matrix: Water Lab File ID: TT44579.D
Analysis Method: 8260D Date Collected: 09/13/2021 12:20
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 15:36
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44579.D
 Lims ID: 460-242808-B-12
 Client ID: MW-34A
 Sample Type: Client
 Inject. Date: 18-Sep-2021 15:36:30 ALS Bottle#: 27 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-12
 Misc. Info.: 460-0134688-028
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:09:30 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: xuyvo

Date: 19-Sep-2021 13:10:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
20 112TCTFE	101	2.129	2.135	-0.006	66	1957	0.5620	M
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	97	37957	1000.0	
* 42 2-Butanone-d5	46	3.384	3.409	-0.025	99	287166	250.0	
52 Chloroform	83	3.671	3.677	-0.006	95	8416	1.20	
\$ 55 Dibromofluoromethane (Surr)	113	3.811	3.811	0.000	96	132512	51.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	96	162337	50.4	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	463009	50.0	
* 72 1,4-Dioxane-d8	96	5.073	5.061	0.012	43	11175	1000.0	
77 Dichlorobromomethane	83	5.213	5.219	-0.006	91	1024	0.2313	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	412230	52.0	
84 Toluene	91	5.981	5.987	-0.006	93	17422	1.33	
88 Tetrachloroethene	166	6.561	6.561	0.000	89	541	0.1800	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	91	296938	50.0	
\$ 105 4-Bromofluorobenzene	174	9.152	9.151	0.001	0	110829	48.9	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	163642	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44579.D

Injection Date: 18-Sep-2021 15:36:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-12

Lab Sample ID: 460-242808-12

Client ID: MW-34A

Operator ID:

ALS Bottle#: 27

Worklist Smp#: 28

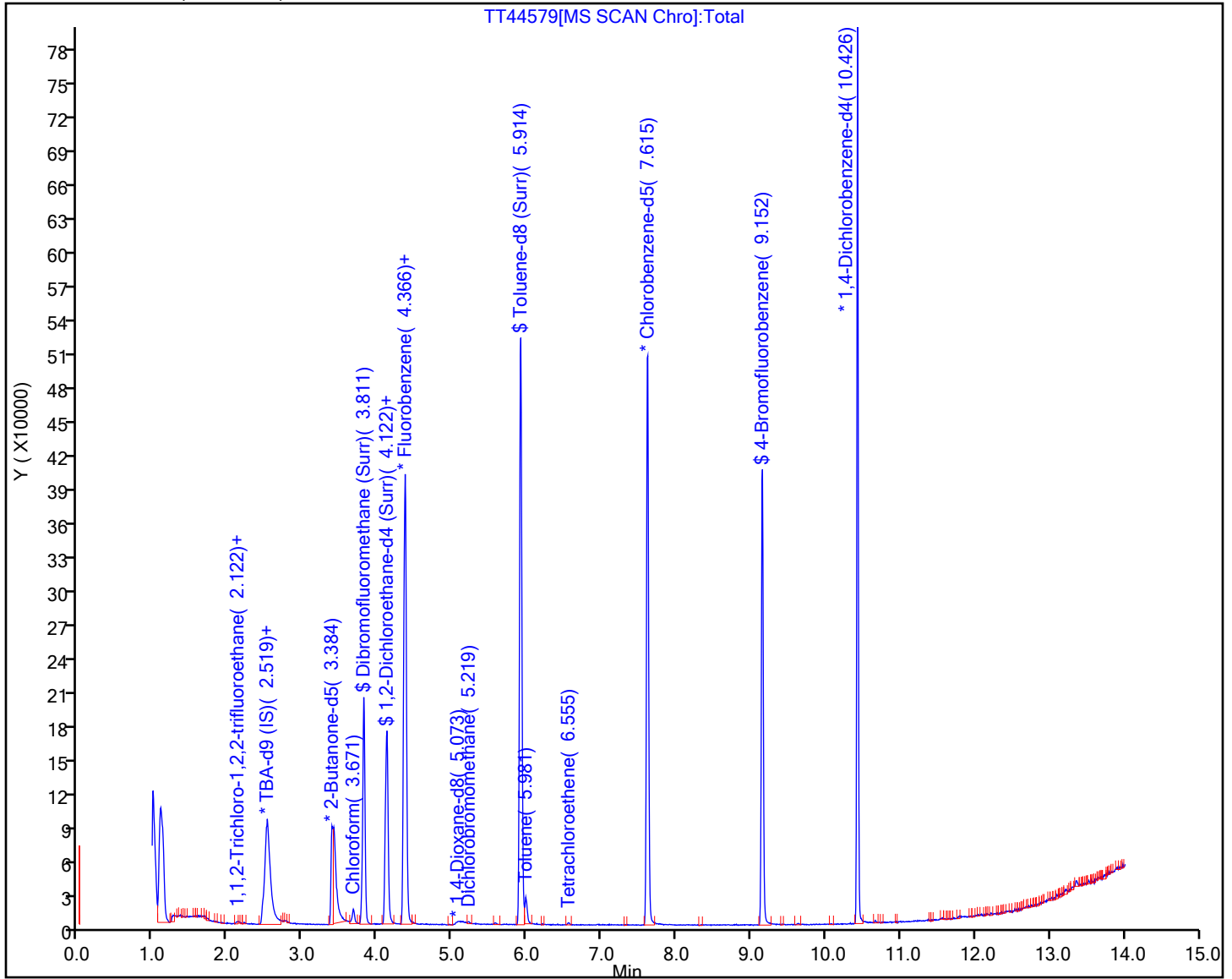
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44579.D

Injection Date: 18-Sep-2021 15:36:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-12

Lab Sample ID: 460-242808-12

Client ID: MW-34A

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

28

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

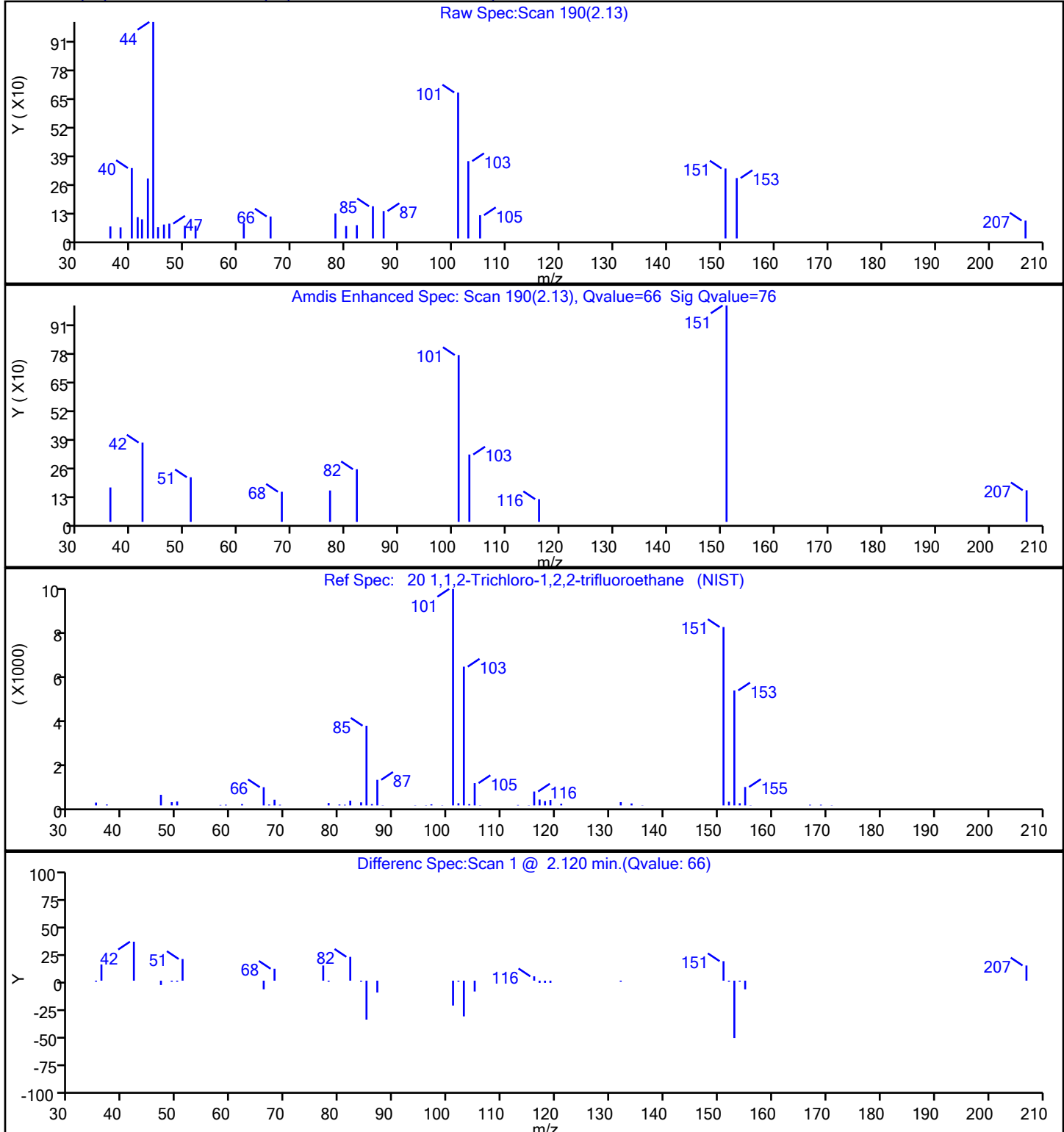
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44579.D

Injection Date: 18-Sep-2021 15:36:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-12

Lab Sample ID: 460-242808-12

Client ID: MW-34A

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

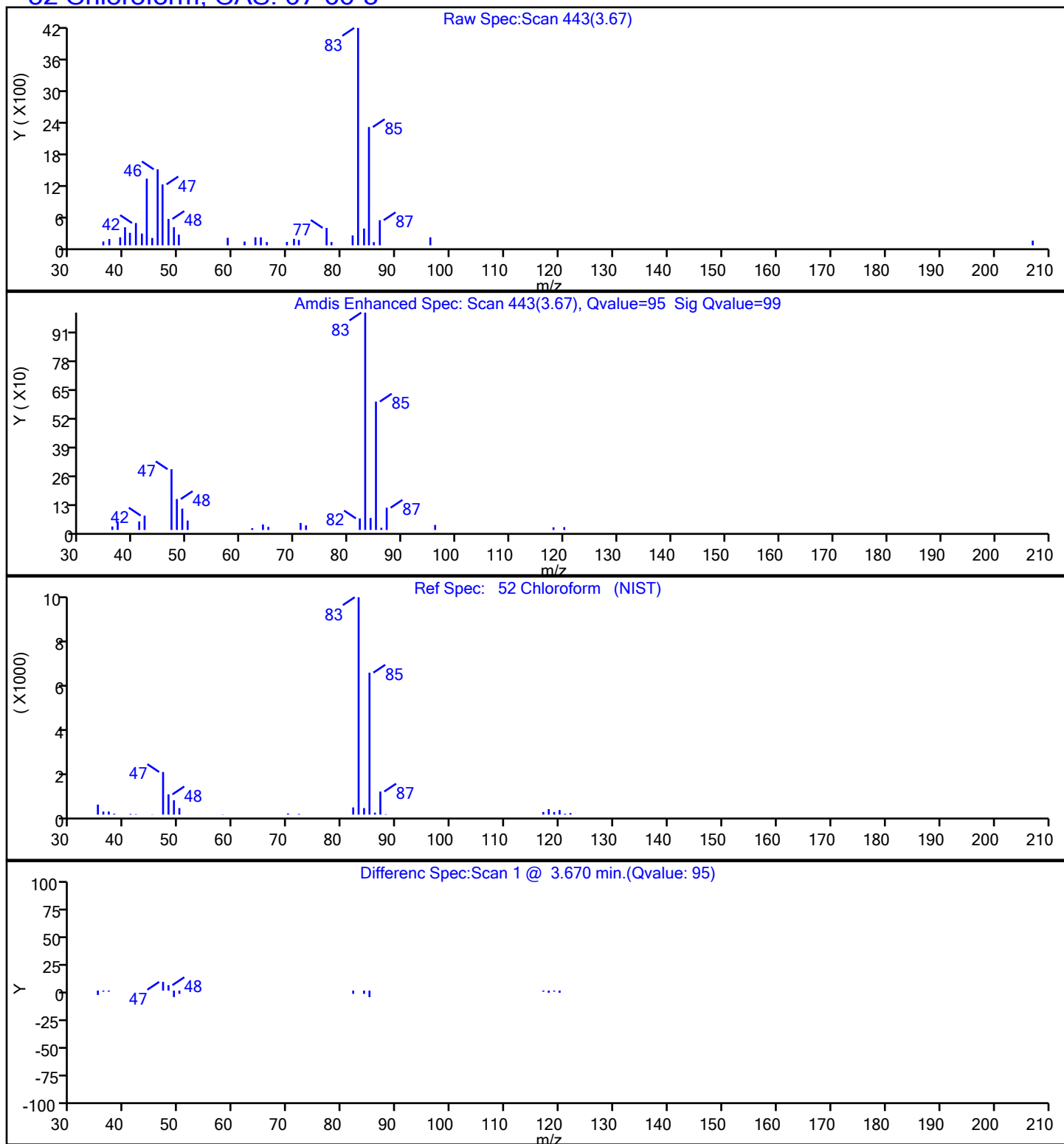
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44579.D

Injection Date: 18-Sep-2021 15:36:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-12

Lab Sample ID: 460-242808-12

Client ID: MW-34A

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

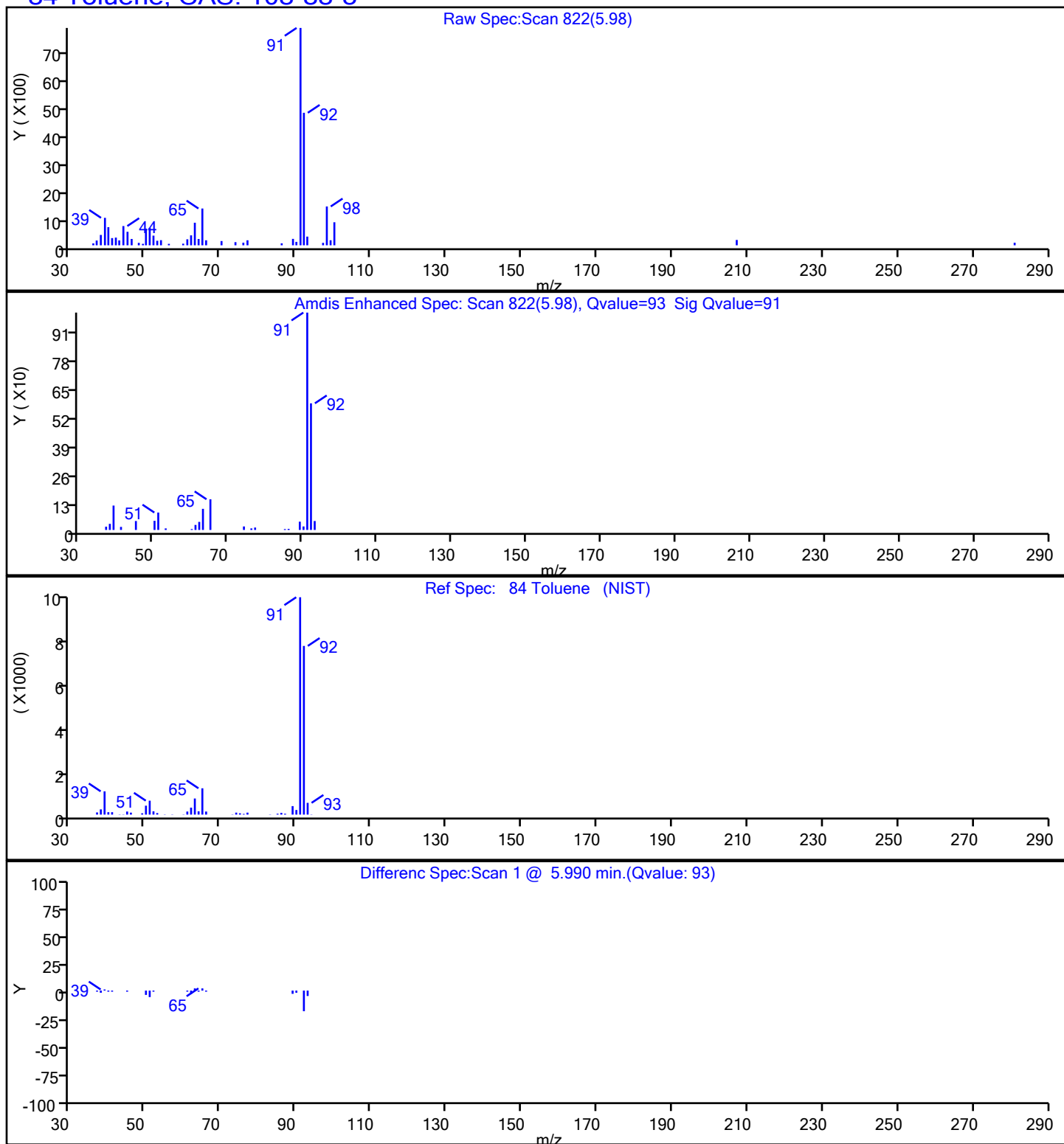
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

84 Toluene, CAS: 108-88-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44579.D

Injection Date: 18-Sep-2021 15:36:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-12

Lab Sample ID: 460-242808-12

Client ID: MW-34A

Operator ID:

ALS Bottle#:

27

Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

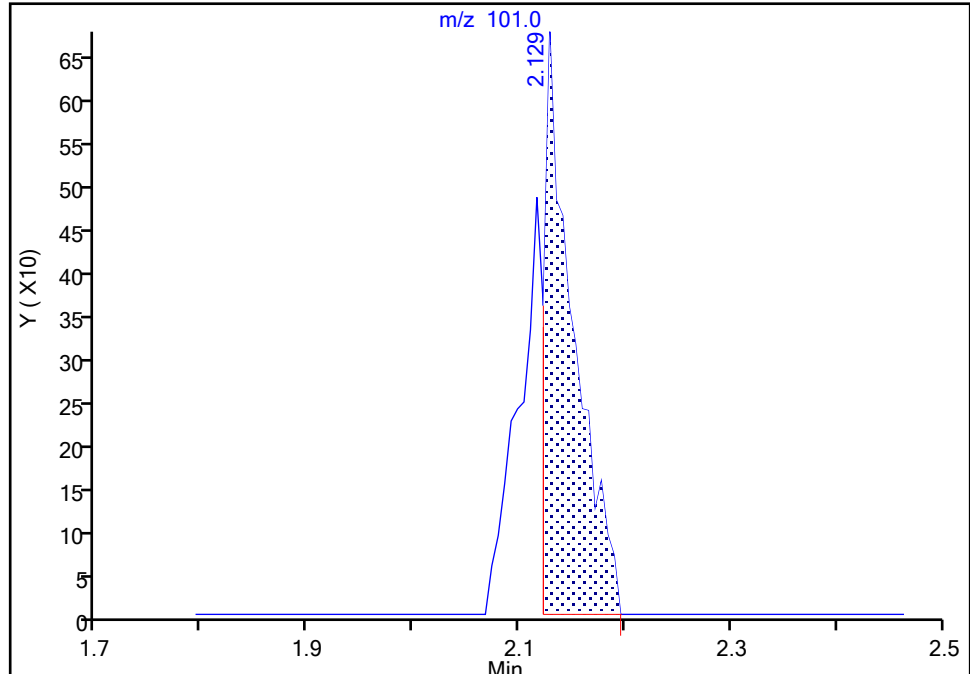
Detector: MS Quad

20 112TCTFE, CAS: 76-13-1

Signal: 1

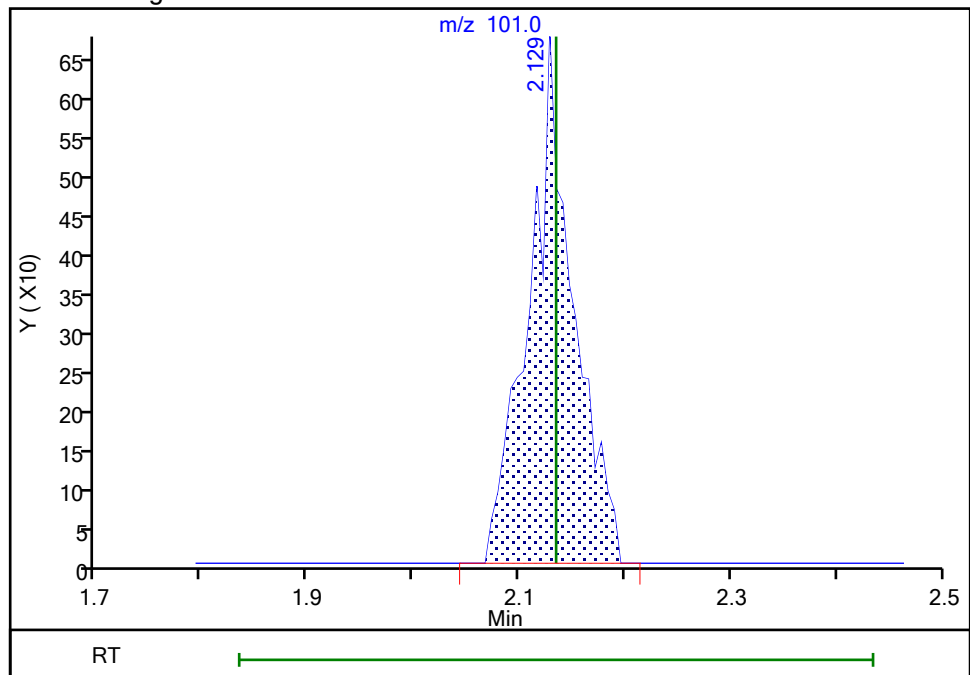
RT: 2.13
Area: 1294
Amount: 0.371621
Amount Units: ug/l

Processing Integration Results



RT: 2.13
Area: 1957
Amount: 0.562027
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 18-Sep-2021 21:17:25

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44579.D

Injection Date: 18-Sep-2021 15:36:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-12

Lab Sample ID: 460-242808-12

Client ID: MW-34A

Operator ID:

ALS Bottle#:

27

Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

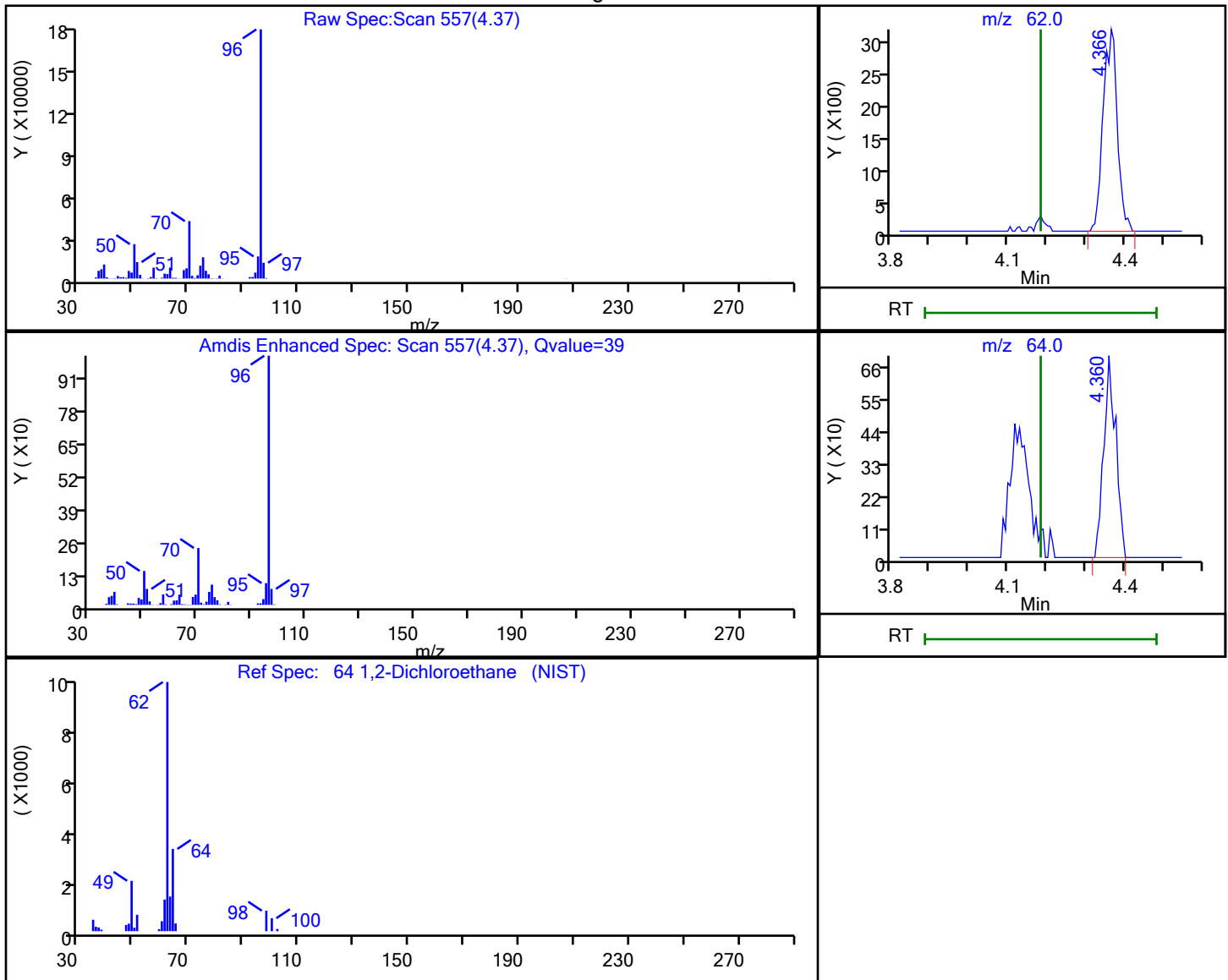
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.37	62.00	8015	1.506492
4.36	64.00	1500	

Reviewer: boykink, 18-Sep-2021 21:17:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Client Sample ID: MW-34B Lab Sample ID: 460-242808-13

Matrix: Water Lab File ID: TT44580.D

Analysis Method: 8260D Date Collected: 09/13/2021 12:35

Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 15:56

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 801985 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	14		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.71	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-34B Lab Sample ID: 460-242808-13
 Matrix: Water Lab File ID: TT44580.D
 Analysis Method: 8260D Date Collected: 09/13/2021 12:35
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 15:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	22		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.38	J	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: MW-34B Lab Sample ID: 460-242808-13
Matrix: Water Lab File ID: TT44580.D
Analysis Method: 8260D Date Collected: 09/13/2021 12:35
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 15:56
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44580.D
 Lims ID: 460-242808-B-13
 Client ID: MW-34B
 Sample Type: Client
 Inject. Date: 18-Sep-2021 15:56:30 ALS Bottle#: 28 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-13
 Misc. Info.: 460-0134688-029
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:10:41 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:18:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
20 112TCTFE	101	2.135	2.135	0.000	93	51961	14.0	
* 31 TBA-d9 (IS)	66	2.513	2.519	-0.006	97	42427	1000.0	
* 42 2-Butanone-d5	46	3.384	3.409	-0.025	99	300366	250.0	
52 Chloroform	83	3.677	3.677	0.000	96	5323	0.7148	
\$ 55 Dibromofluoromethane (Surr)	113	3.811	3.811	0.000	96	140630	51.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	95	172670	50.4	
* 66 Fluorobenzene	96	4.366	4.366	0.000	98	493204	50.0	
68 Trichloroethene	95	4.683	4.689	-0.006	92	1543	0.3818	
* 72 1,4-Dioxane-d8	96	5.110	5.061	0.049	88	11430	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	444274	51.5	
88 Tetrachloroethene	166	6.555	6.561	-0.006	94	73085	22.3	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	91	323306	50.0	
\$ 105 4-Bromofluorobenzene	174	9.152	9.151	0.001	0	118072	47.9	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	175350	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44580.D

Injection Date: 18-Sep-2021 15:56:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-13

Lab Sample ID: 460-242808-13

Client ID: MW-34B

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

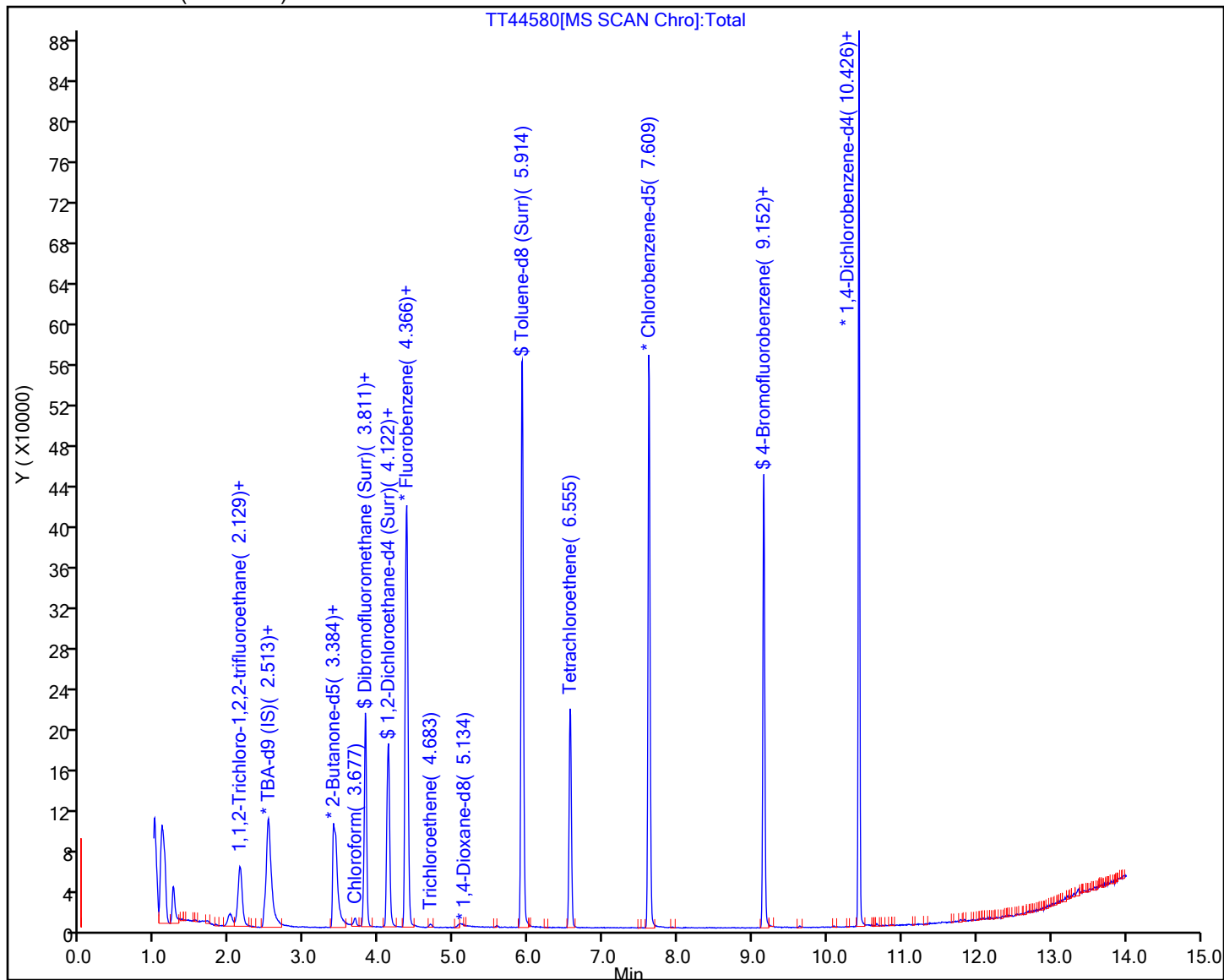
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44580.D

Injection Date: 18-Sep-2021 15:56:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-13

Lab Sample ID: 460-242808-13

Client ID: MW-34B

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

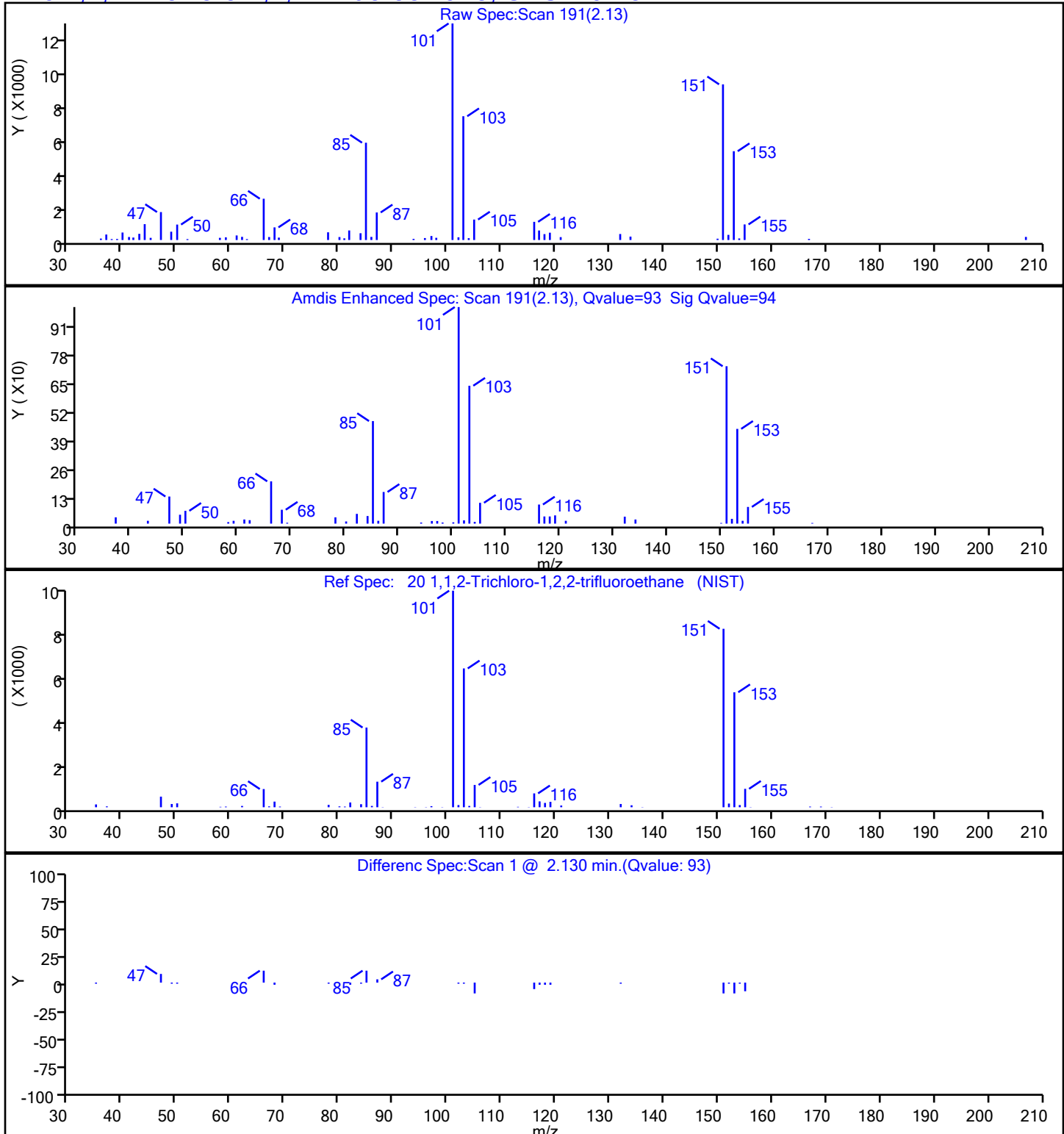
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44580.D

Injection Date: 18-Sep-2021 15:56:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-13

Lab Sample ID: 460-242808-13

Client ID: MW-34B

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

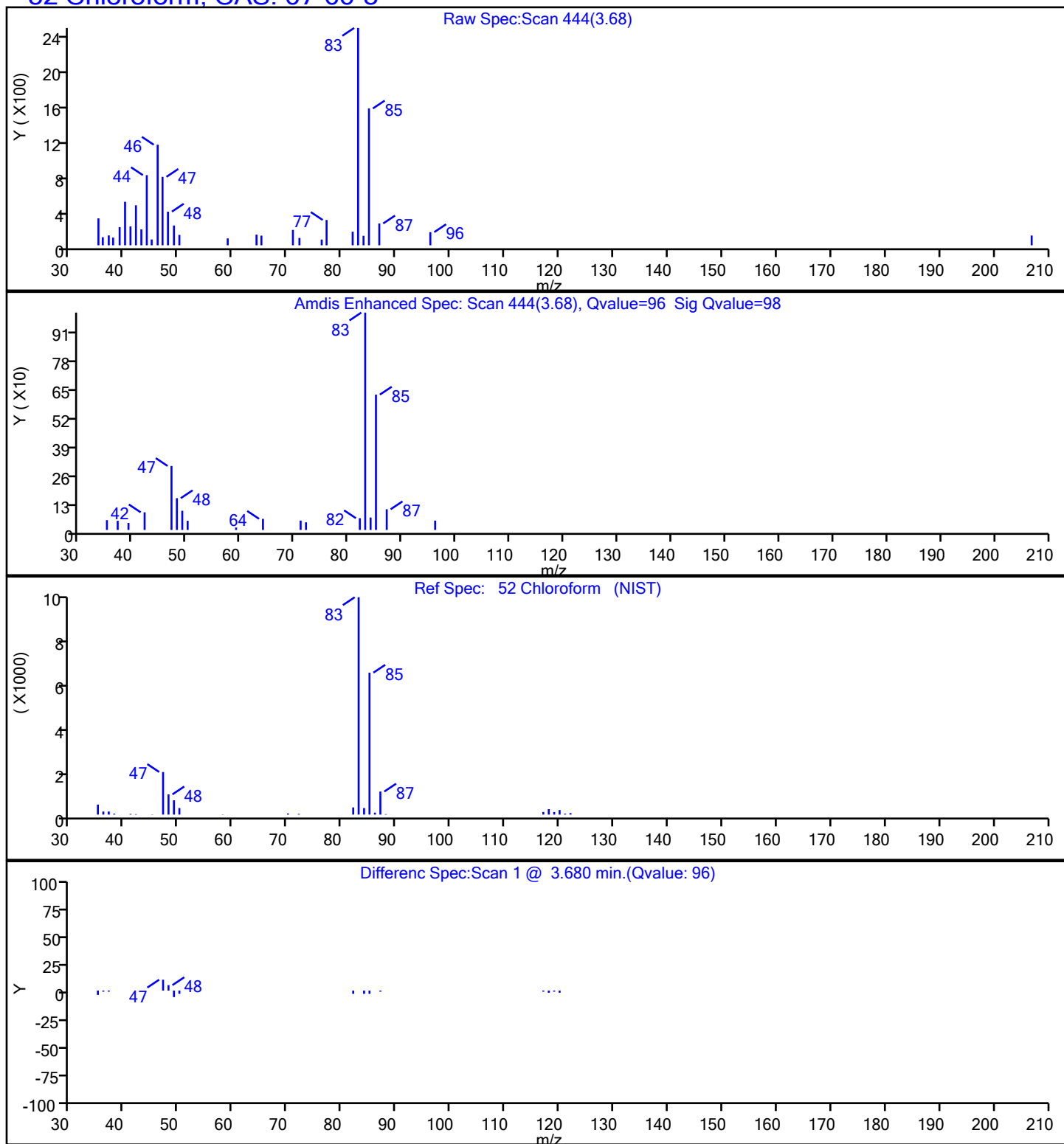
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44580.D

Injection Date: 18-Sep-2021 15:56:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-13

Lab Sample ID: 460-242808-13

Client ID: MW-34B

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

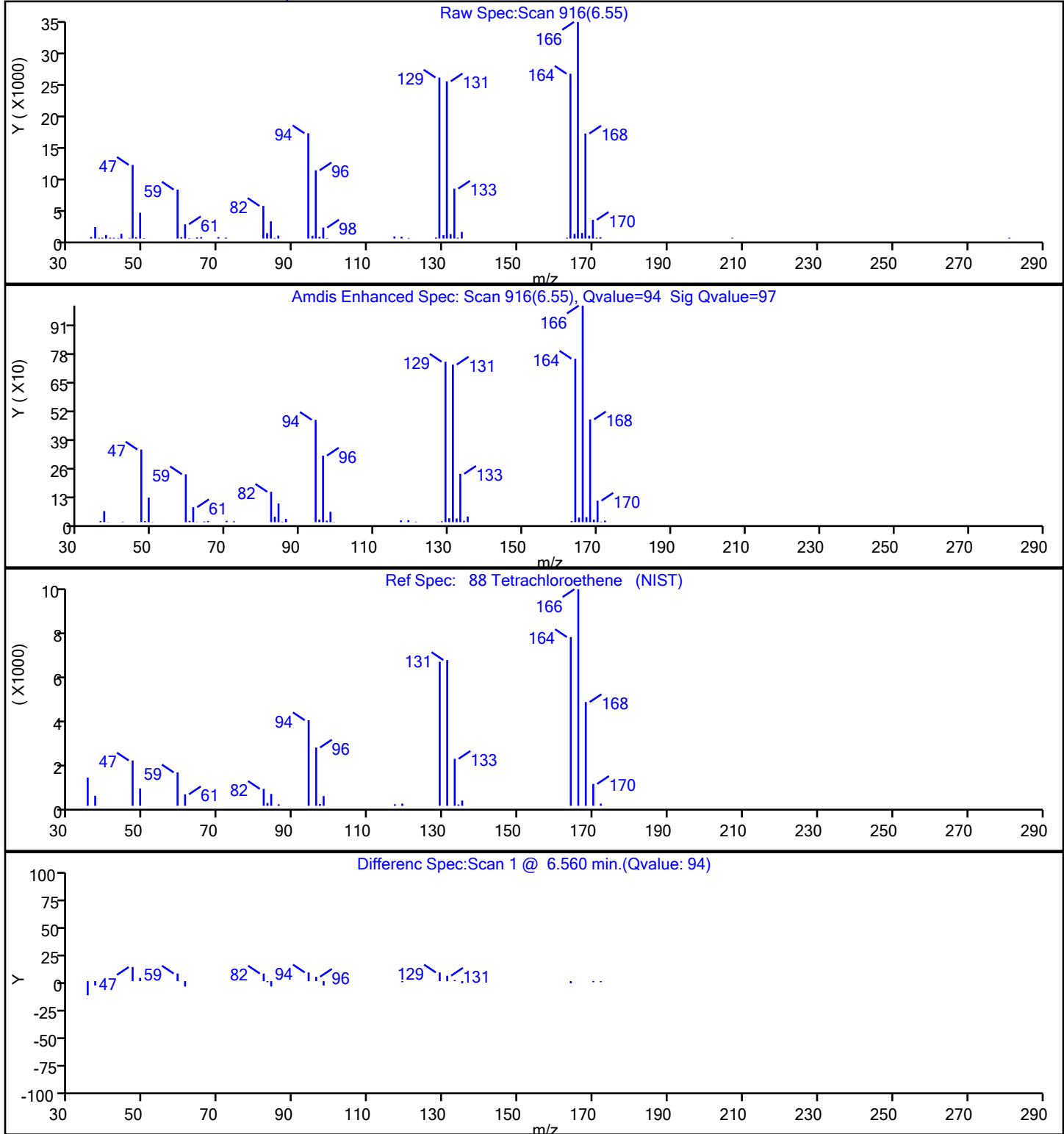
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44580.D

Injection Date: 18-Sep-2021 15:56:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-13

Lab Sample ID: 460-242808-13

Client ID: MW-34B

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

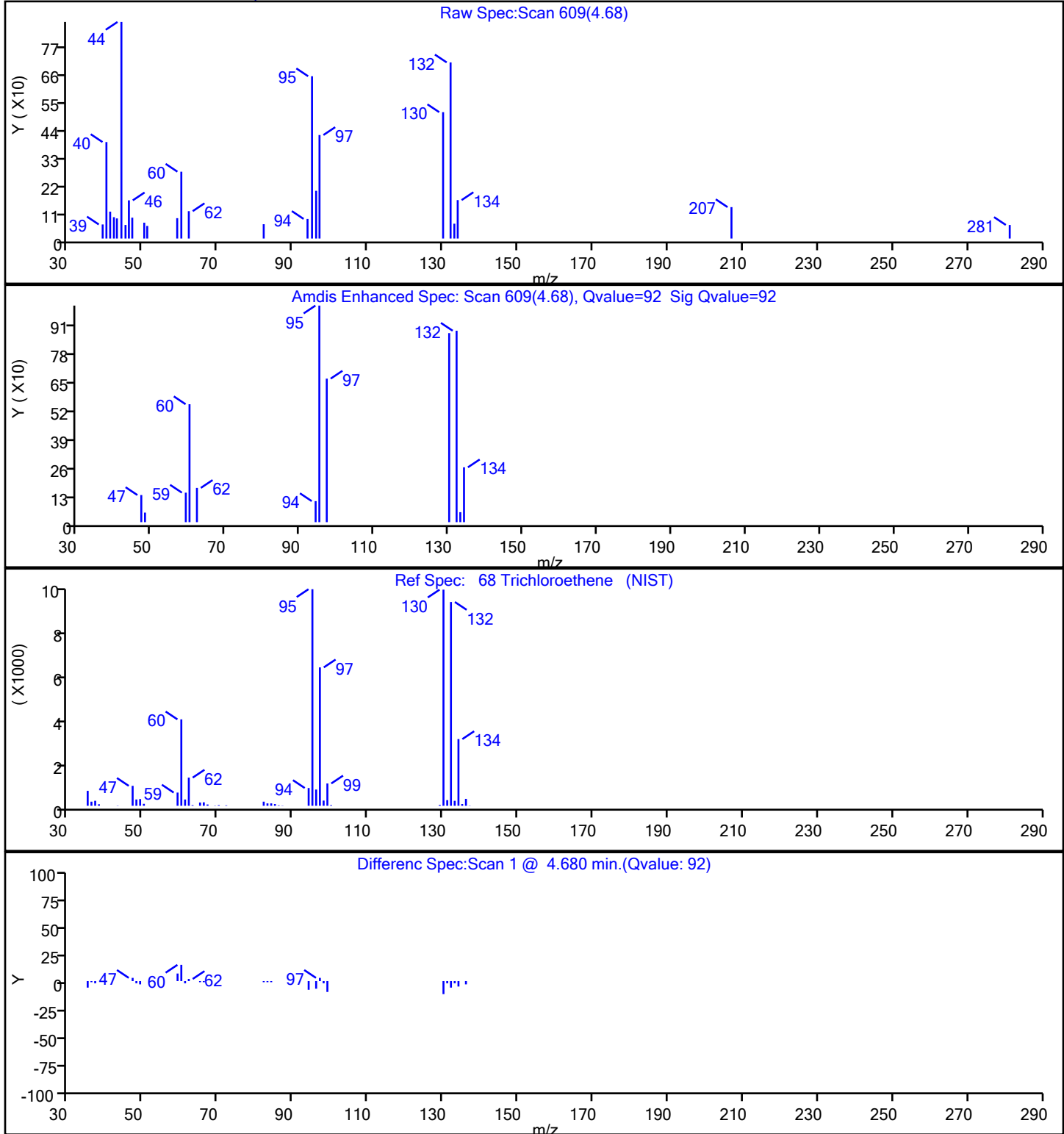
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44580.D

Injection Date: 18-Sep-2021 15:56:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-13

Lab Sample ID: 460-242808-13

Client ID: MW-34B

Operator ID:

ALS Bottle#:

28

Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

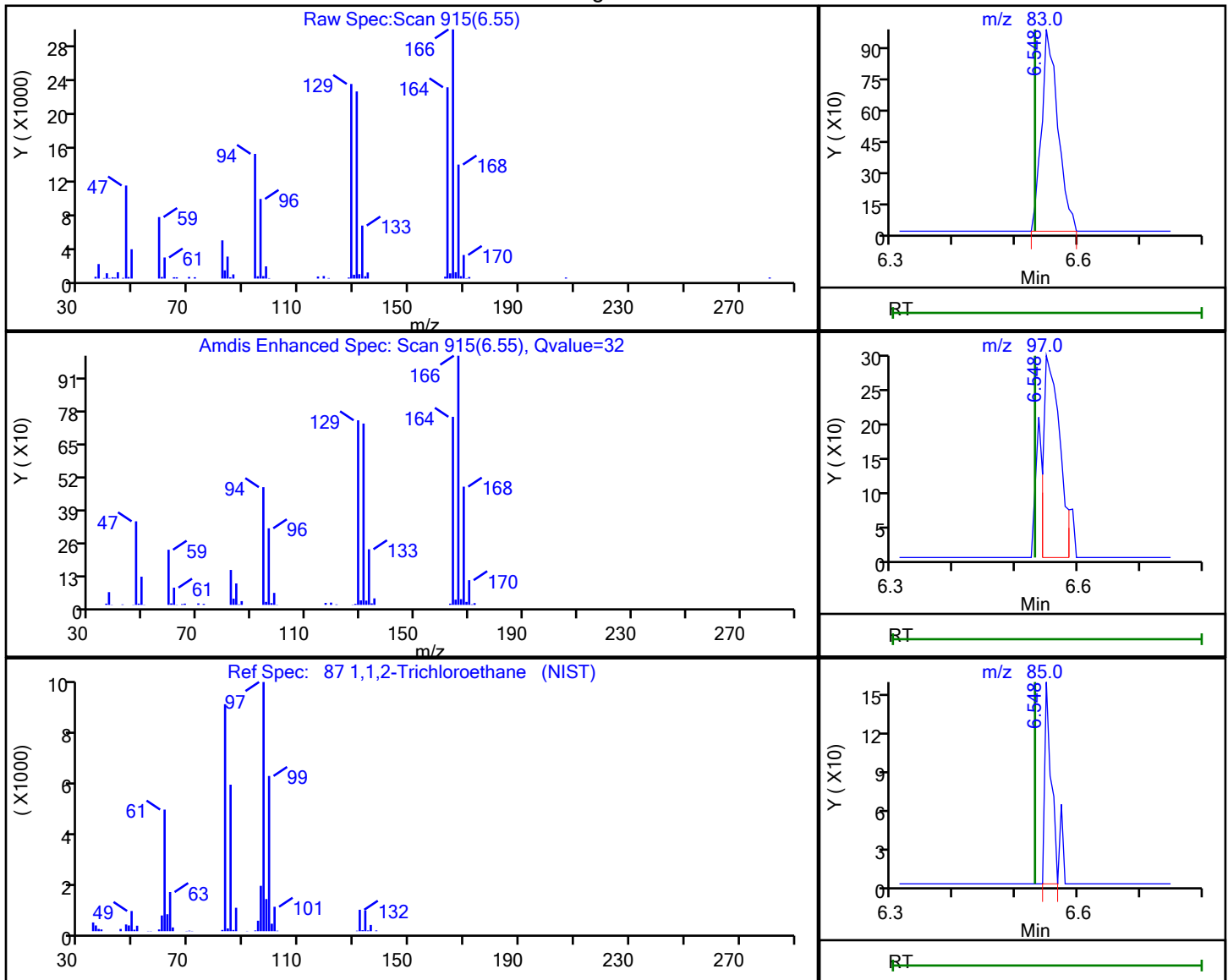
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.55	83.00	1809	0.671569
6.55	97.00	525	
6.55	85.00	112	

Reviewer: boykink, 18-Sep-2021 21:17:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44580.D

Injection Date: 18-Sep-2021 15:56:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-13

Lab Sample ID: 460-242808-13

Client ID: MW-34B

Operator ID:

ALS Bottle#:

28

Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

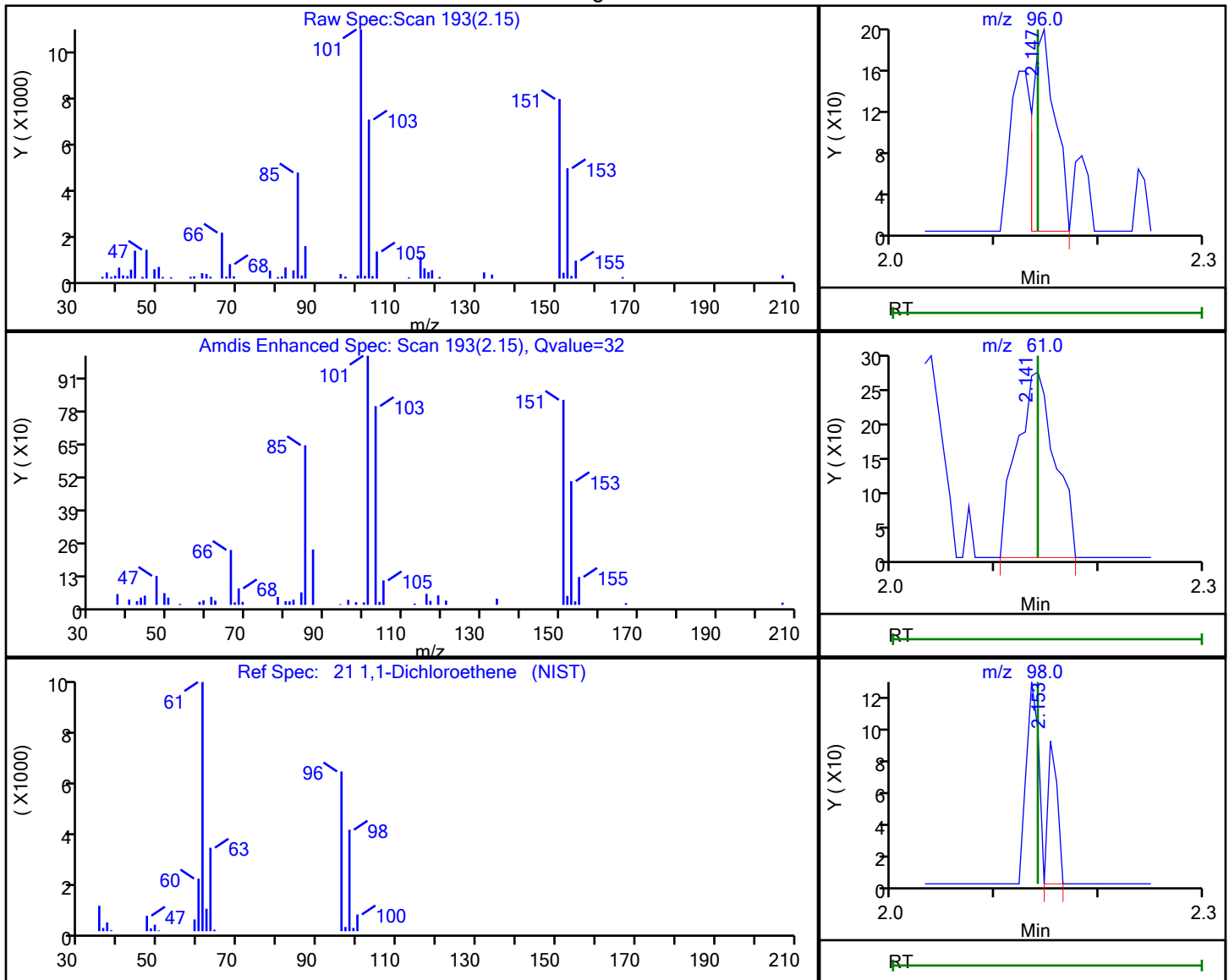
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.15	96.00	296	0.076308
2.14	61.00	704	
2.15	98.00	57	
2.15	63.00	137	

Reviewer: boykink, 18-Sep-2021 21:17:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44580.D

Injection Date: 18-Sep-2021 15:56:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-13

Lab Sample ID: 460-242808-13

Client ID: MW-34B

Operator ID:

ALS Bottle#:

28

Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

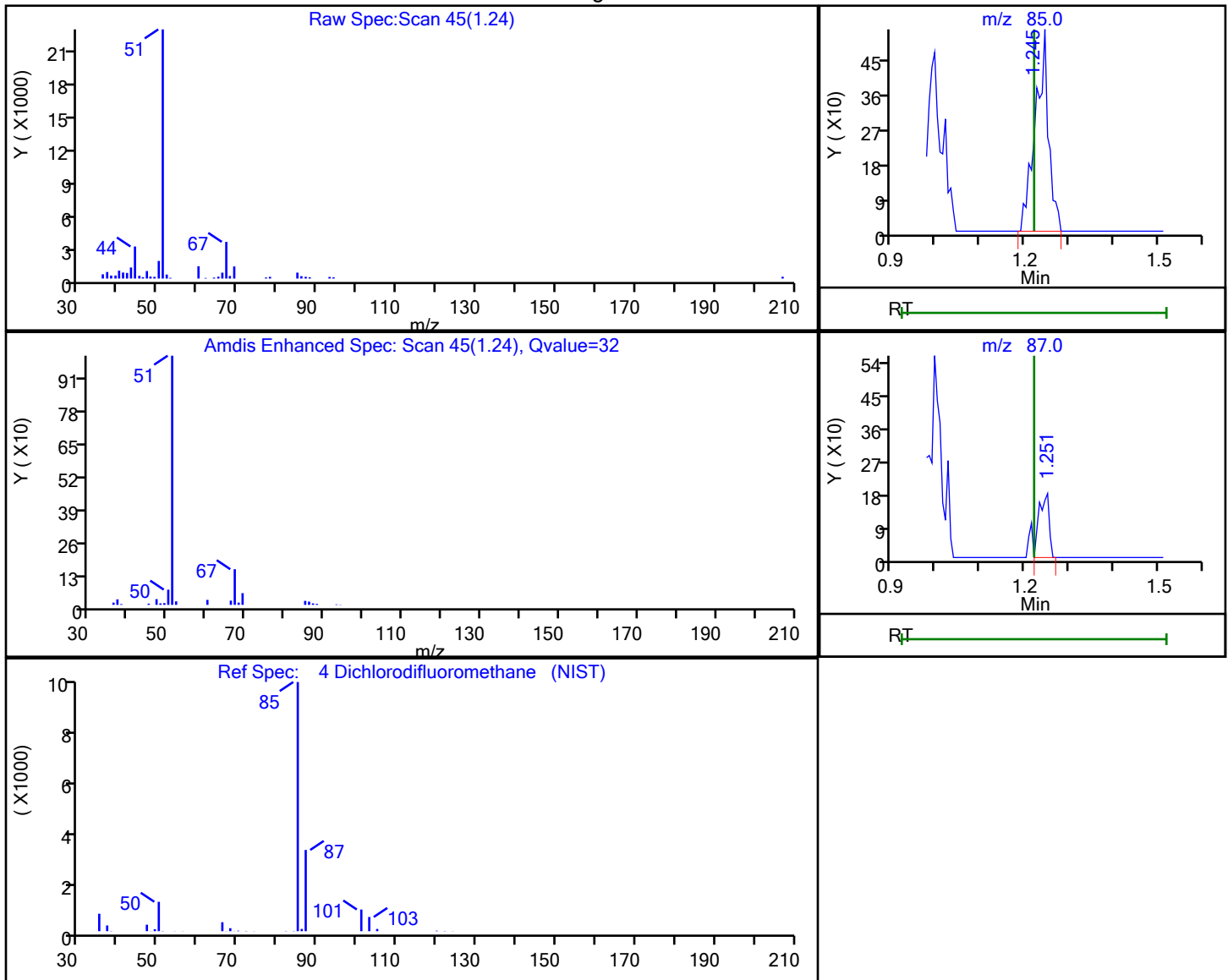
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.24	85.00	1090	0.193945
1.25	87.00	272	

Reviewer: xuyvo, 19-Sep-2021 13:10:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Client Sample ID: MW-12A Lab Sample ID: 460-242808-14

Matrix: Water Lab File ID: TT44581.D

Analysis Method: 8260D Date Collected: 09/13/2021 13:15

Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 16:17

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 801985 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	1.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.98	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-12A Lab Sample ID: 460-242808-14
 Matrix: Water Lab File ID: TT44581.D
 Analysis Method: 8260D Date Collected: 09/13/2021 13:15
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 16:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	4.7		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: MW-12A Lab Sample ID: 460-242808-14
Matrix: Water Lab File ID: TT44581.D
Analysis Method: 8260D Date Collected: 09/13/2021 13:15
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 16:17
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44581.D
 Lims ID: 460-242808-B-14
 Client ID: MW-12A
 Sample Type: Client
 Inject. Date: 18-Sep-2021 16:17:30 ALS Bottle#: 29 Worklist Smp#: 30
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-14
 Misc. Info.: 460-0134688-030
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:11:14 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:18:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
20 112TCTFE	101	2.116	2.135	-0.019	94	3923	1.12	M
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	97	39546	1000.0	
* 42 2-Butanone-d5	46	3.384	3.409	-0.025	99	286585	250.0	
52 Chloroform	83	3.677	3.677	0.000	96	6898	0.9829	
\$ 55 Dibromofluoromethane (Surr)	113	3.811	3.811	0.000	95	130859	50.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	96	162092	50.2	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	464812	50.0	
* 72 1,4-Dioxane-d8	96	5.097	5.061	0.036	92	10373	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	416346	51.1	
88 Tetrachloroethene	166	6.561	6.561	0.000	93	14503	4.69	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	91	305255	50.0	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	112932	48.5	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	168158	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44581.D

Injection Date: 18-Sep-2021 16:17:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-14

Lab Sample ID: 460-242808-14

Client ID: MW-12A

Operator ID:

ALS Bottle#: 29

Worklist Smp#: 30

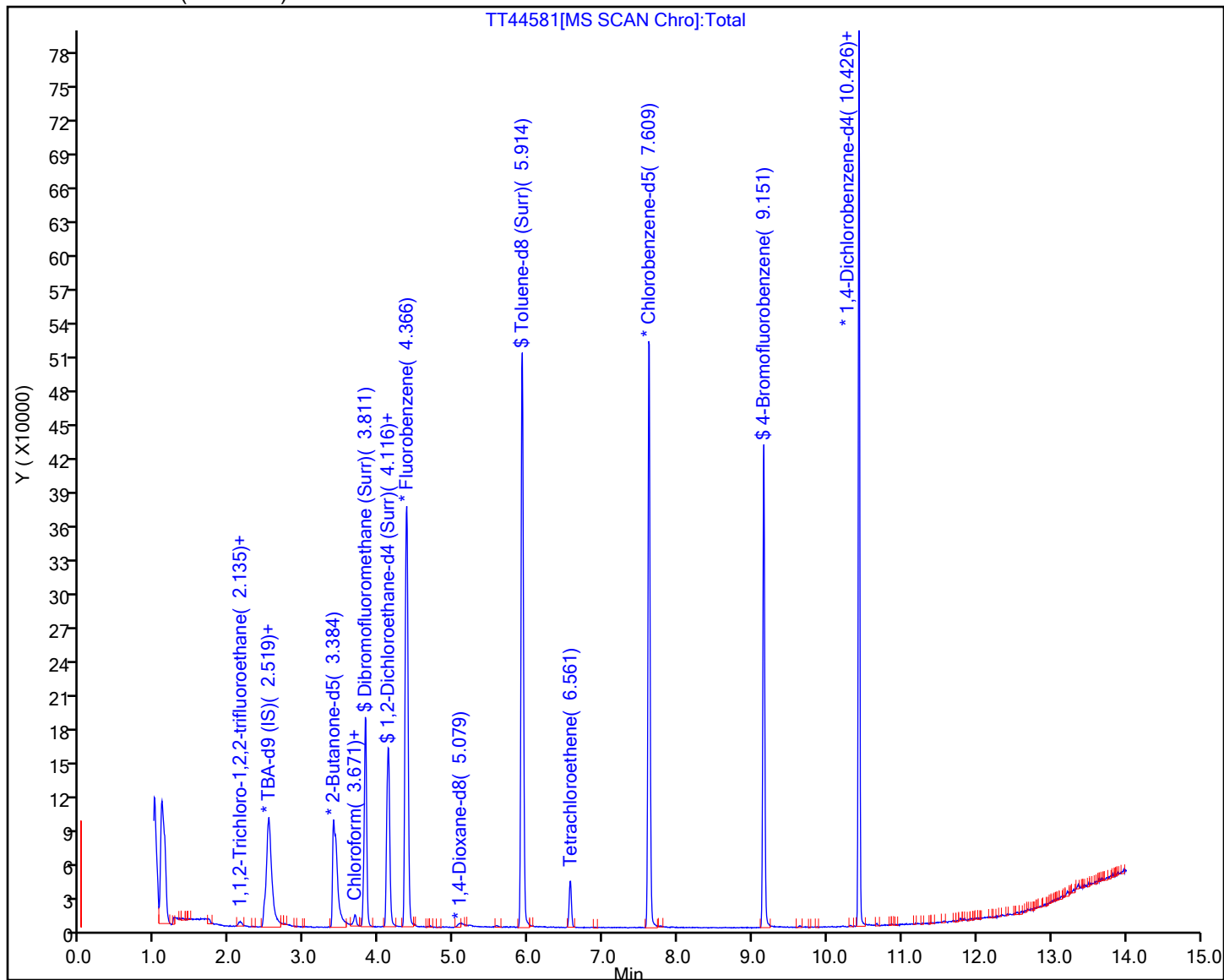
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44581.D

Injection Date: 18-Sep-2021 16:17:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-14

Lab Sample ID: 460-242808-14

Client ID: MW-12A

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

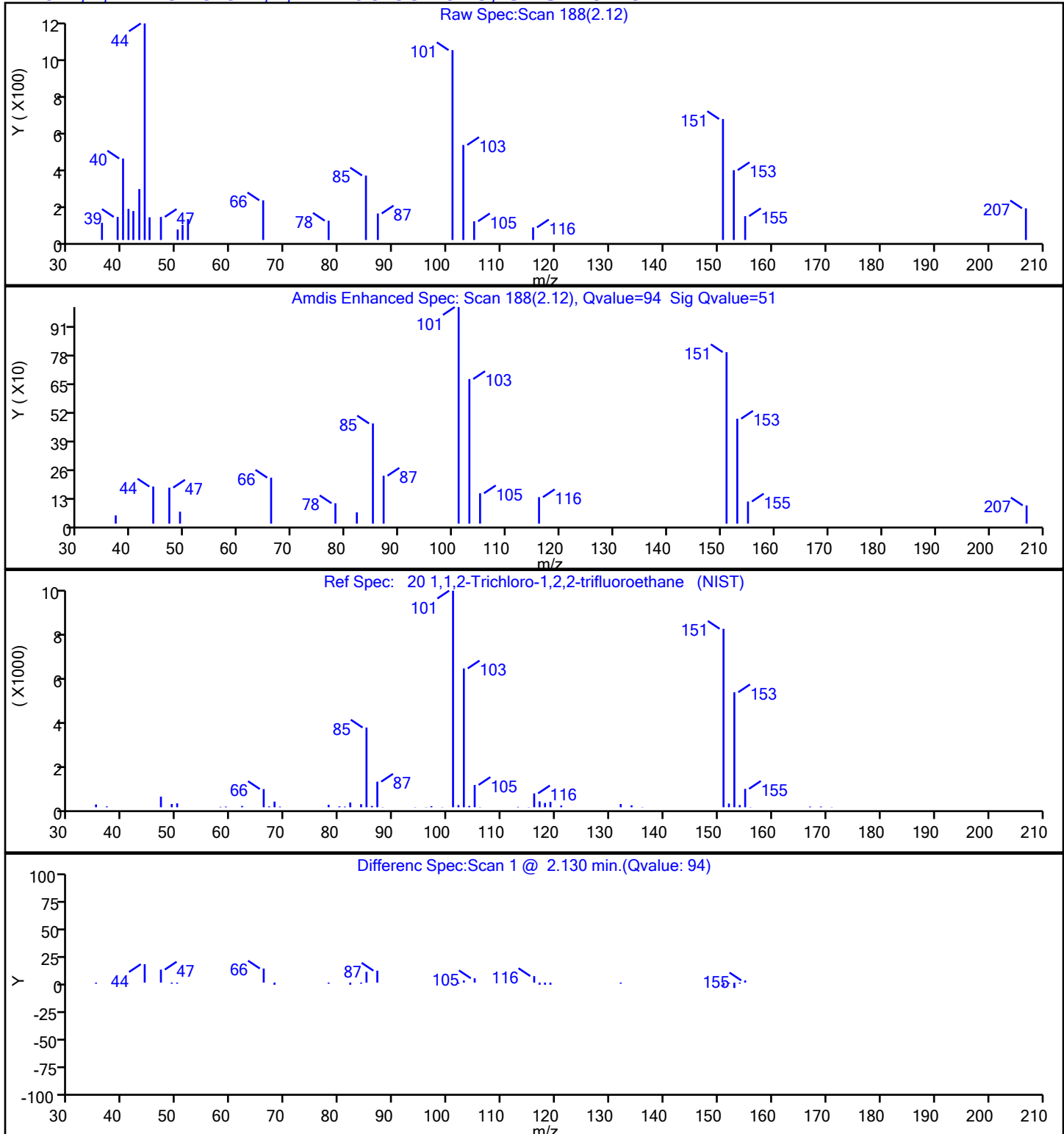
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44581.D

Injection Date: 18-Sep-2021 16:17:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-14

Lab Sample ID: 460-242808-14

Client ID: MW-12A

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

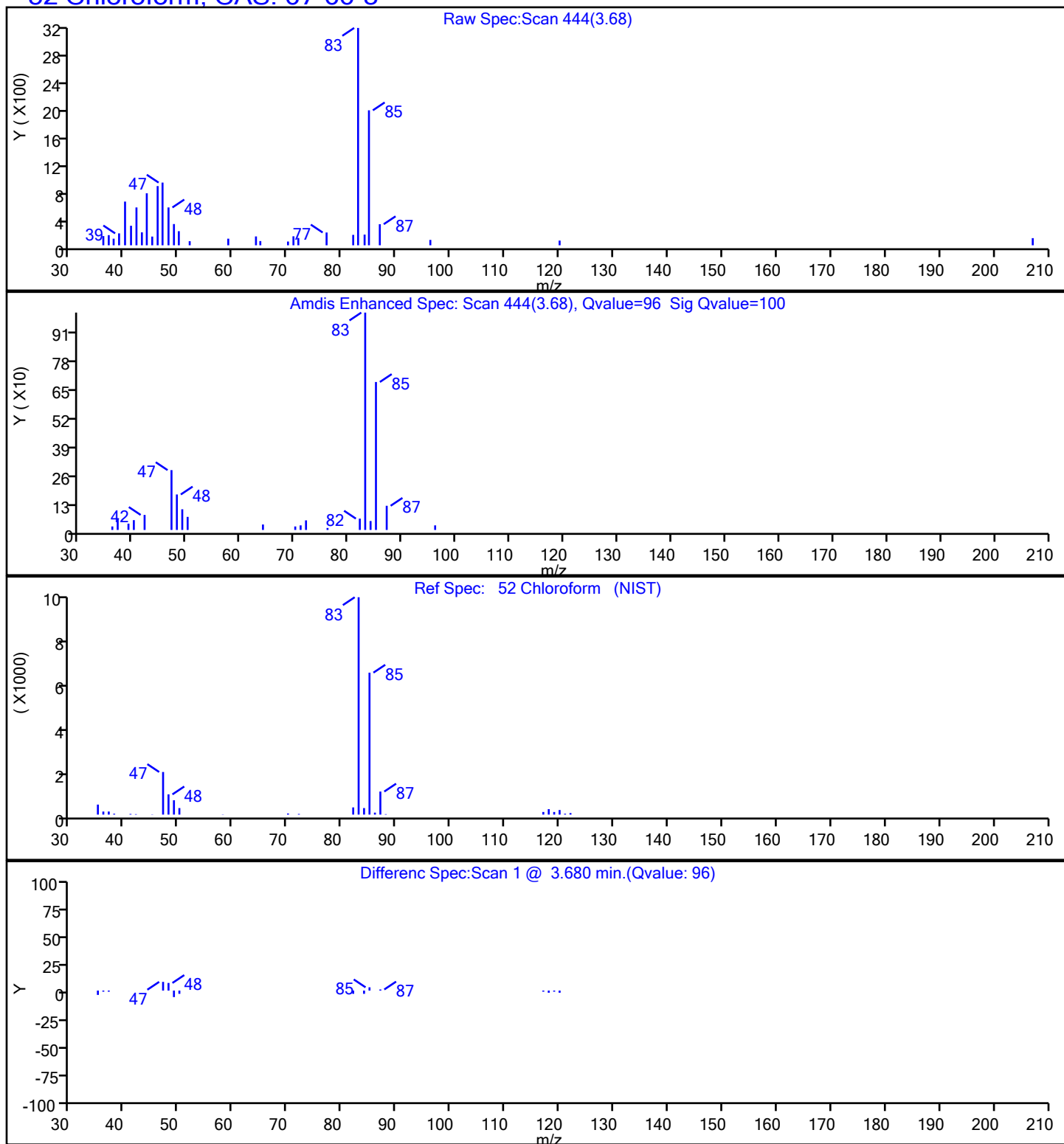
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44581.D

Injection Date: 18-Sep-2021 16:17:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-14

Lab Sample ID: 460-242808-14

Client ID: MW-12A

Operator ID:

ALS Bottle#:

29

Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

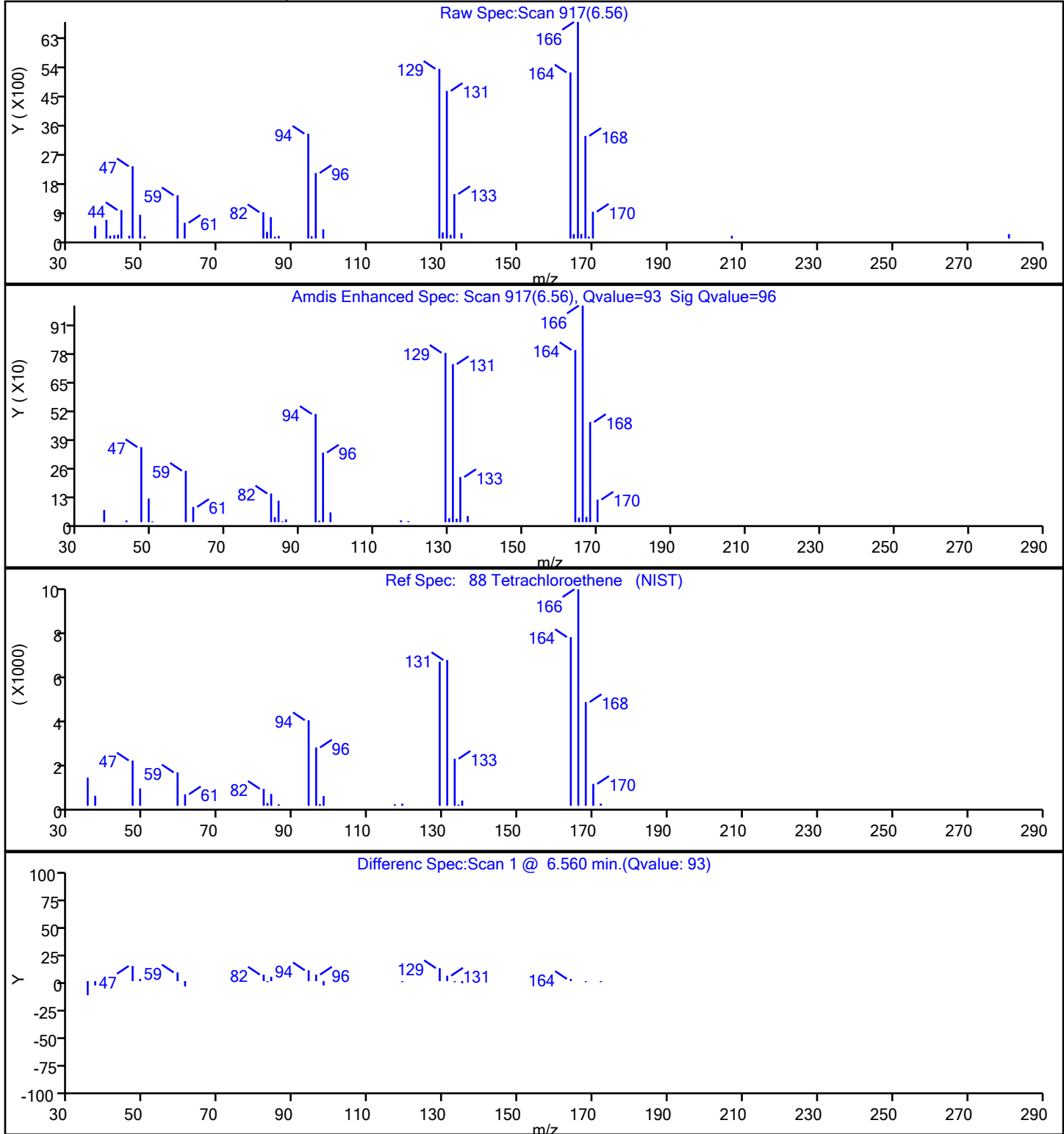
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44581.D

Injection Date: 18-Sep-2021 16:17:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-14

Lab Sample ID: 460-242808-14

Client ID: MW-12A

Operator ID:

ALS Bottle#:

29

Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

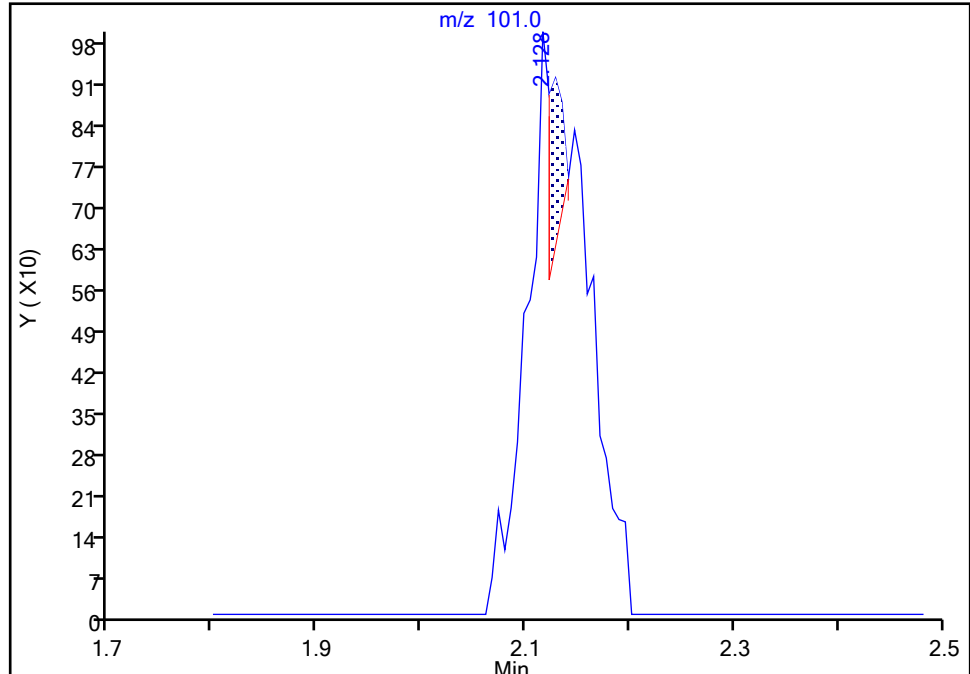
Detector: MS Quad

20 112TCTFE, CAS: 76-13-1

Signal: 1

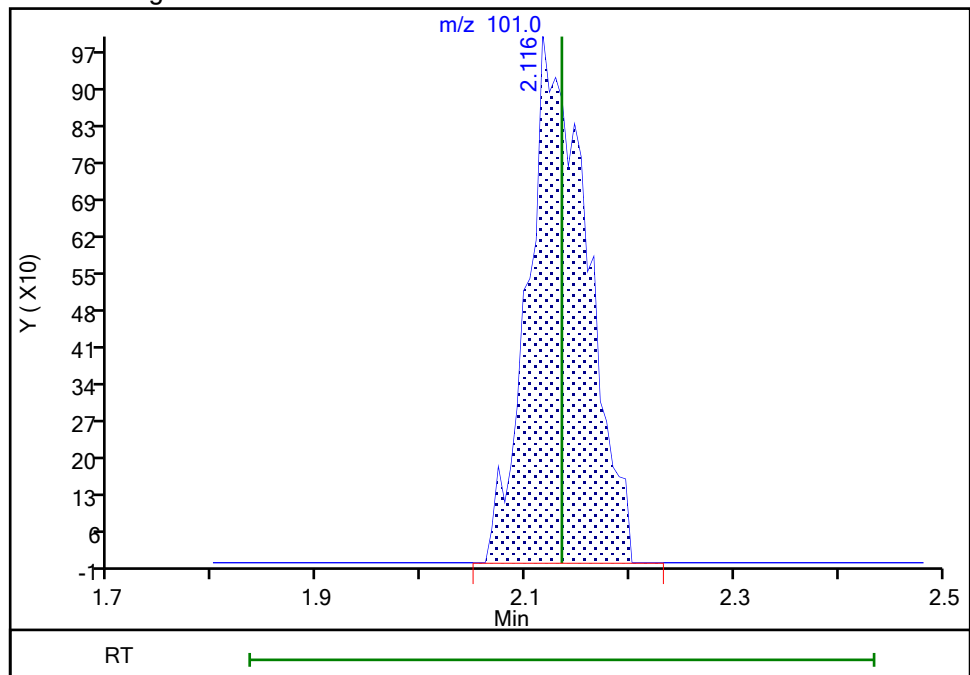
RT: 2.13
Area: 290
Amount: 0.082961
Amount Units: ug/l

Processing Integration Results



RT: 2.12
Area: 3923
Amount: 1.122268
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 19-Sep-2021 13:11:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Client Sample ID: MW-12B Lab Sample ID: 460-242808-15

Matrix: Water Lab File ID: TT44582.D

Analysis Method: 8260D Date Collected: 09/13/2021 14:00

Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 16:37

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 801985 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	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-12B Lab Sample ID: 460-242808-15
 Matrix: Water Lab File ID: TT44582.D
 Analysis Method: 8260D Date Collected: 09/13/2021 14:00
 Sample wt/vol: 5(mL) Date Analyzed: 09/18/2021 16:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	7.0		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: MW-12B Lab Sample ID: 460-242808-15
Matrix: Water Lab File ID: TT44582.D
Analysis Method: 8260D Date Collected: 09/13/2021 14:00
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 16:37
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44582.D
 Lims ID: 460-242808-B-15
 Client ID: MW-12B
 Sample Type: Client
 Inject. Date: 18-Sep-2021 16:37:30 ALS Bottle#: 30 Worklist Smp#: 31
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-15
 Misc. Info.: 460-0134688-031
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:11:14 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:18:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	97	37276	1000.0	
* 42 2-Butanone-d5	46	3.384	3.409	-0.025	99	273665	250.0	
52 Chloroform	83	3.683	3.677	0.006	94	1806	0.2717	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.811	0.006	95	126422	51.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.110	4.122	-0.012	95	153676	50.2	
* 66 Fluorobenzene	96	4.360	4.366	-0.006	97	440259	50.0	
* 72 1,4-Dioxane-d8	96	5.091	5.061	0.030	91	11825	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	399088	50.4	
88 Tetrachloroethene	166	6.554	6.561	-0.007	92	21040	7.00	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	90	296808	50.0	
\$ 105 4-Bromofluorobenzene	174	9.152	9.151	0.001	0	107111	47.3	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	162182	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44582.D

Injection Date: 18-Sep-2021 16:37:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-15

Lab Sample ID: 460-242808-15

Client ID: MW-12B

Operator ID:

ALS Bottle#: 30

Worklist Smp#: 31

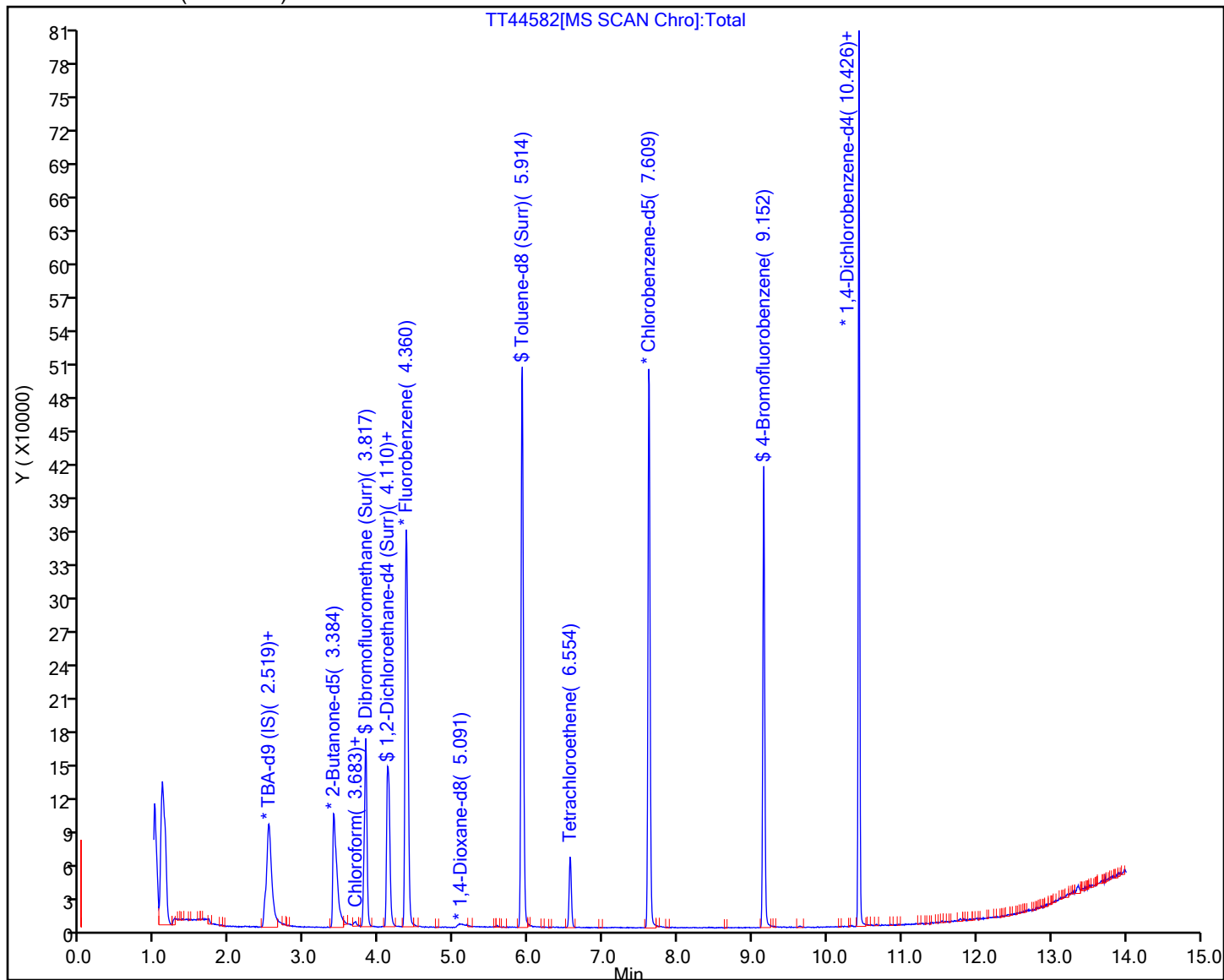
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44582.D

Injection Date: 18-Sep-2021 16:37:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-15

Lab Sample ID: 460-242808-15

Client ID: MW-12B

Operator ID:

ALS Bottle#:

Worklist Smp#: 31

Purge Vol: 5.000 mL

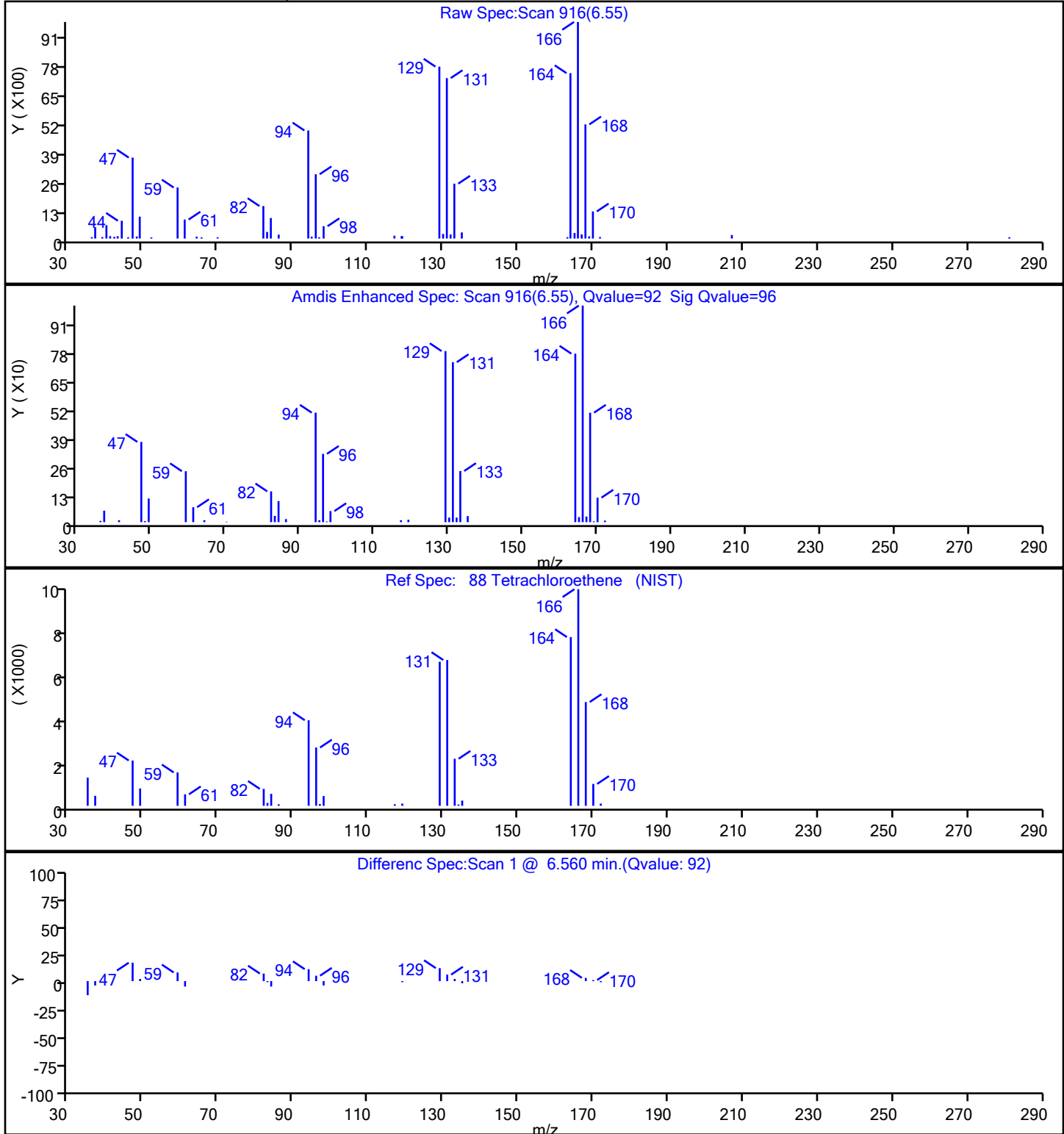
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

88 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Client Sample ID: MW-122B Lab Sample ID: 460-242808-16

Matrix: Water Lab File ID: TT44583.D

Analysis Method: 8260D Date Collected: 09/13/2021 14:45

Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 16:58

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 801985 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	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-122B Lab Sample ID: 460-242808-16
 Matrix: Water Lab File ID: TT44583.D
 Analysis Method: 8260D Date Collected: 09/13/2021 14:45
 Sample wt/vol: 5(mL) Date Analyzed: 09/18/2021 16:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	6.5		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: MW-122B Lab Sample ID: 460-242808-16
Matrix: Water Lab File ID: TT44583.D
Analysis Method: 8260D Date Collected: 09/13/2021 14:45
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 16:58
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44583.D
 Lims ID: 460-242808-B-16
 Client ID: MW-122B
 Sample Type: Client
 Inject. Date: 18-Sep-2021 16:58:30 ALS Bottle#: 31 Worklist Smp#: 32
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-16
 Misc. Info.: 460-0134688-032
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:11:14 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:18:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	96	21255	1000.0	
* 42 2-Butanone-d5	46	3.390	3.409	-0.019	99	281978	250.0	
52 Chloroform	83	3.677	3.677	0.000	95	1709	0.2461	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.811	0.006	95	131390	51.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	96	160595	50.2	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	459885	50.0	
* 72 1,4-Dioxane-d8	96	5.085	5.061	0.024	91	13044	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	409960	50.9	
88 Tetrachloroethene	166	6.561	6.561	0.000	94	19826	6.50	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	91	301620	50.0	
\$ 105 4-Bromofluorobenzene	174	9.152	9.151	0.001	0	110145	47.9	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	164169	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44583.D

Injection Date: 18-Sep-2021 16:58:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-16

Lab Sample ID: 460-242808-16

Client ID: MW-122B

Operator ID:

ALS Bottle#: 31

Worklist Smp#: 32

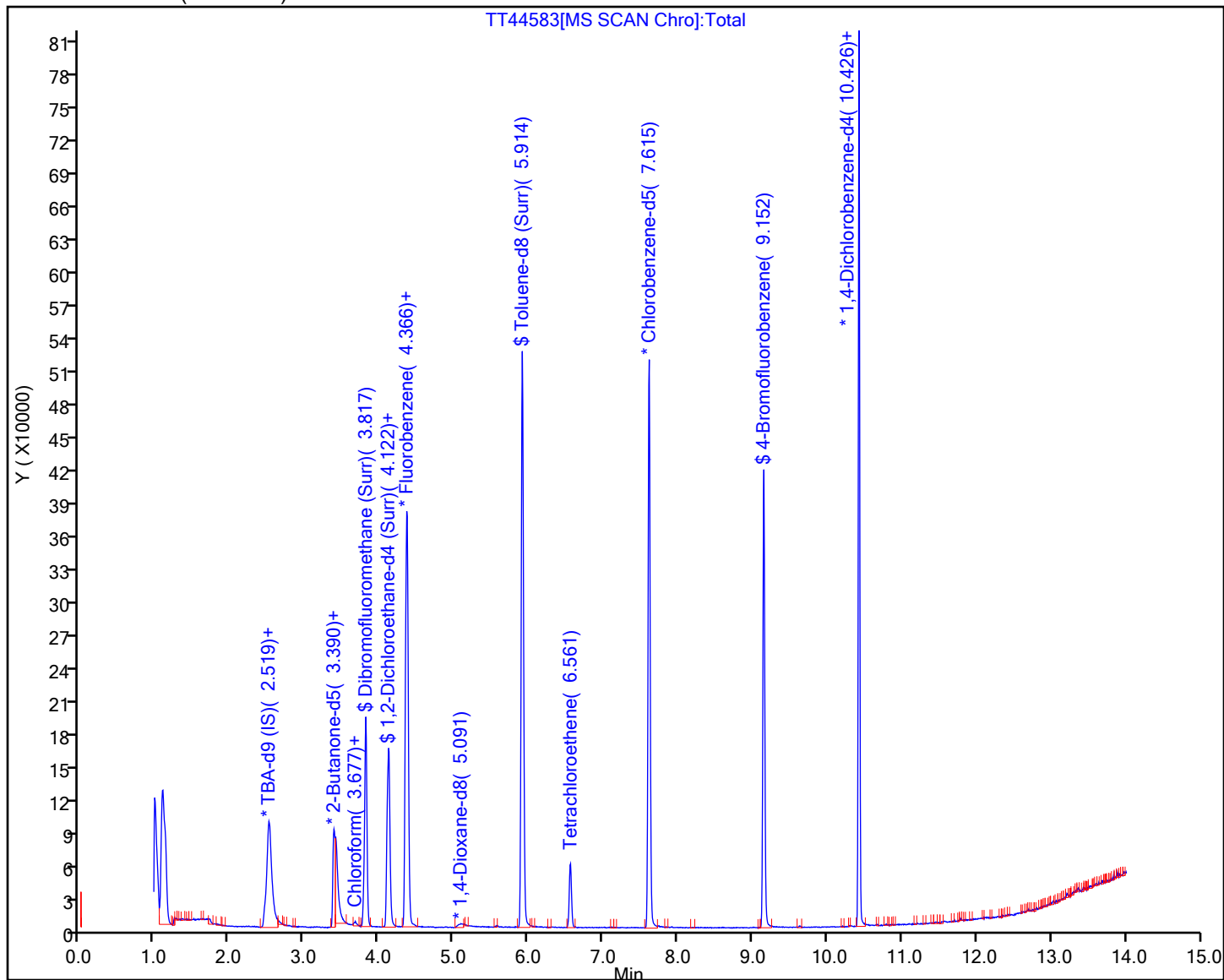
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44583.D

Injection Date: 18-Sep-2021 16:58:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-16

Lab Sample ID: 460-242808-16

Client ID: MW-122B

Operator ID:

ALS Bottle#:

31

Worklist Smp#:

32

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

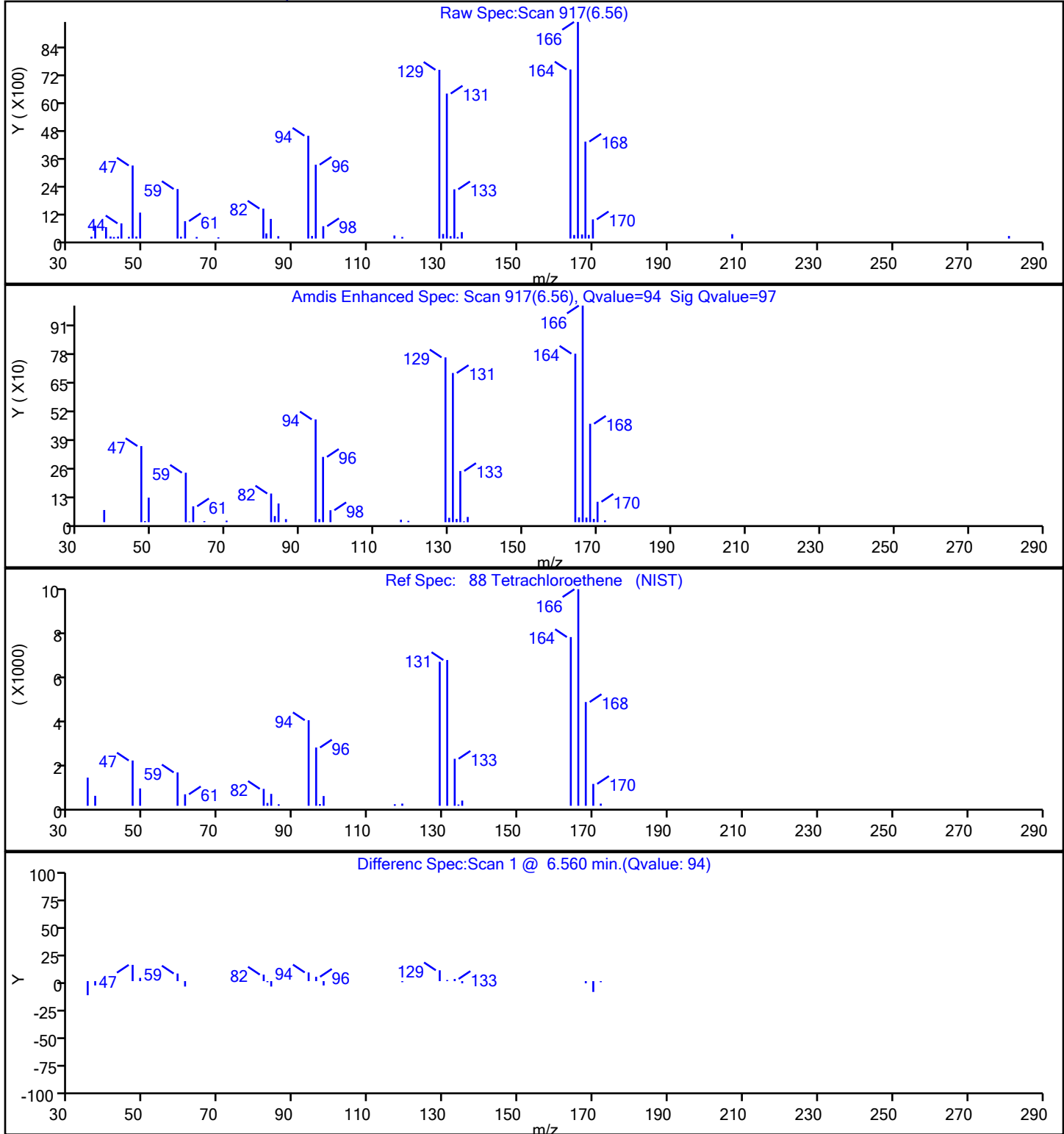
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Client Sample ID: MW-20 Lab Sample ID: 460-242808-17

Matrix: Water Lab File ID: TT44584.D

Analysis Method: 8260D Date Collected: 09/13/2021 16:10

Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 17:18

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 801985 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	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.57	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-20 Lab Sample ID: 460-242808-17
 Matrix: Water Lab File ID: TT44584.D
 Analysis Method: 8260D Date Collected: 09/13/2021 16:10
 Sample wt/vol: 5(mL) Date Analyzed: 09/18/2021 17:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.41	J	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: MW-20 Lab Sample ID: 460-242808-17
Matrix: Water Lab File ID: TT44584.D
Analysis Method: 8260D Date Collected: 09/13/2021 16:10
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 17:18
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44584.D
 Lims ID: 460-242808-B-17
 Client ID: MW-20
 Sample Type: Client
 Inject. Date: 18-Sep-2021 17:18:30 ALS Bottle#: 32 Worklist Smp#: 33
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-17
 Misc. Info.: 460-0134688-033
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:11:14 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:19:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.506	2.519	-0.013	97	38904	1000.0	
33 Methyl tert-butyl ether	73	2.634	2.628	0.006	96	4627	0.4082	M
* 42 2-Butanone-d5	46	3.384	3.409	-0.025	99	282455	250.0	
52 Chloroform	83	3.671	3.677	-0.006	95	3994	0.5735	
\$ 55 Dibromofluoromethane (Surr)	113	3.811	3.811	0.000	96	132215	51.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.116	4.122	-0.006	96	162285	50.6	
* 66 Fluorobenzene	96	4.360	4.366	-0.006	97	461221	50.0	
* 72 1,4-Dioxane-d8	96	5.097	5.061	0.036	91	9758	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	416095	51.5	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	91	302636	50.0	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	115572	50.0	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	166812	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44584.D

Injection Date: 18-Sep-2021 17:18:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-17

Lab Sample ID: 460-242808-17

Client ID: MW-20

Operator ID:

ALS Bottle#: 32

Worklist Smp#: 33

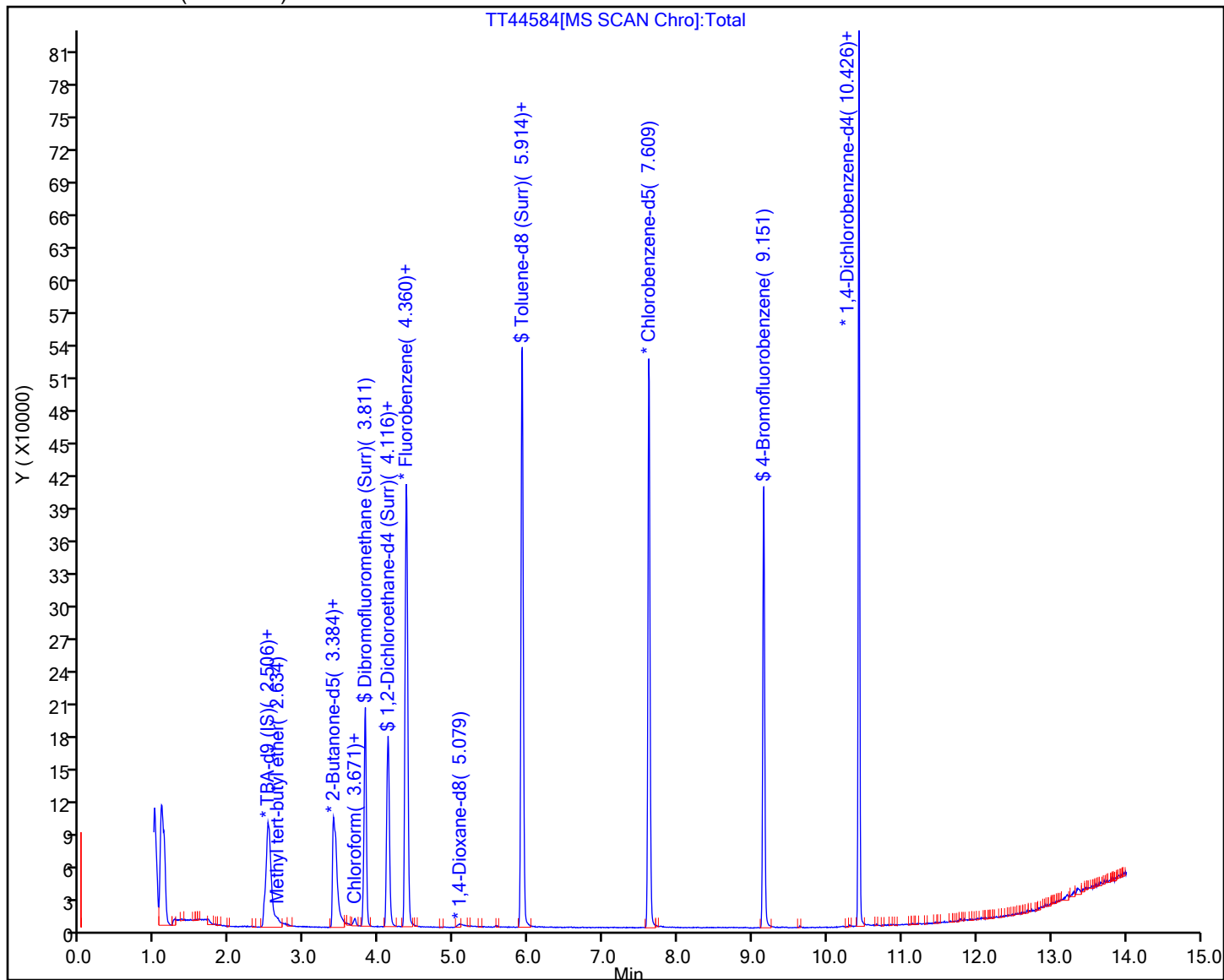
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44584.D

Injection Date: 18-Sep-2021 17:18:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-17

Lab Sample ID: 460-242808-17

Client ID: MW-20

Operator ID:

ALS Bottle#: 32 Worklist Smp#: 33

Purge Vol: 5.000 mL

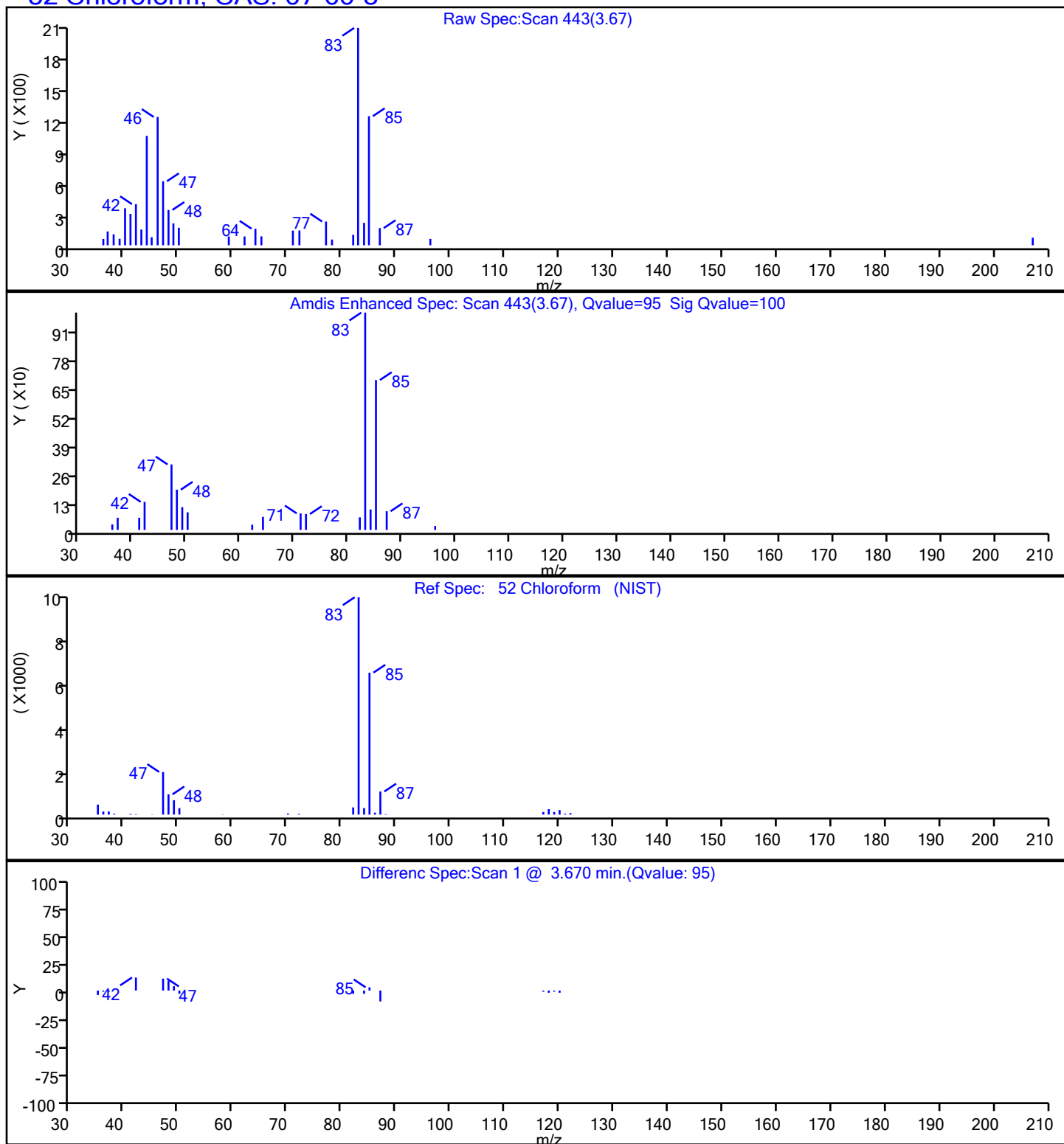
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44584.D

Injection Date: 18-Sep-2021 17:18:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-17

Lab Sample ID: 460-242808-17

Client ID: MW-20

Operator ID:

ALS Bottle#: 32 Worklist Smp#: 33

Purge Vol: 5.000 mL

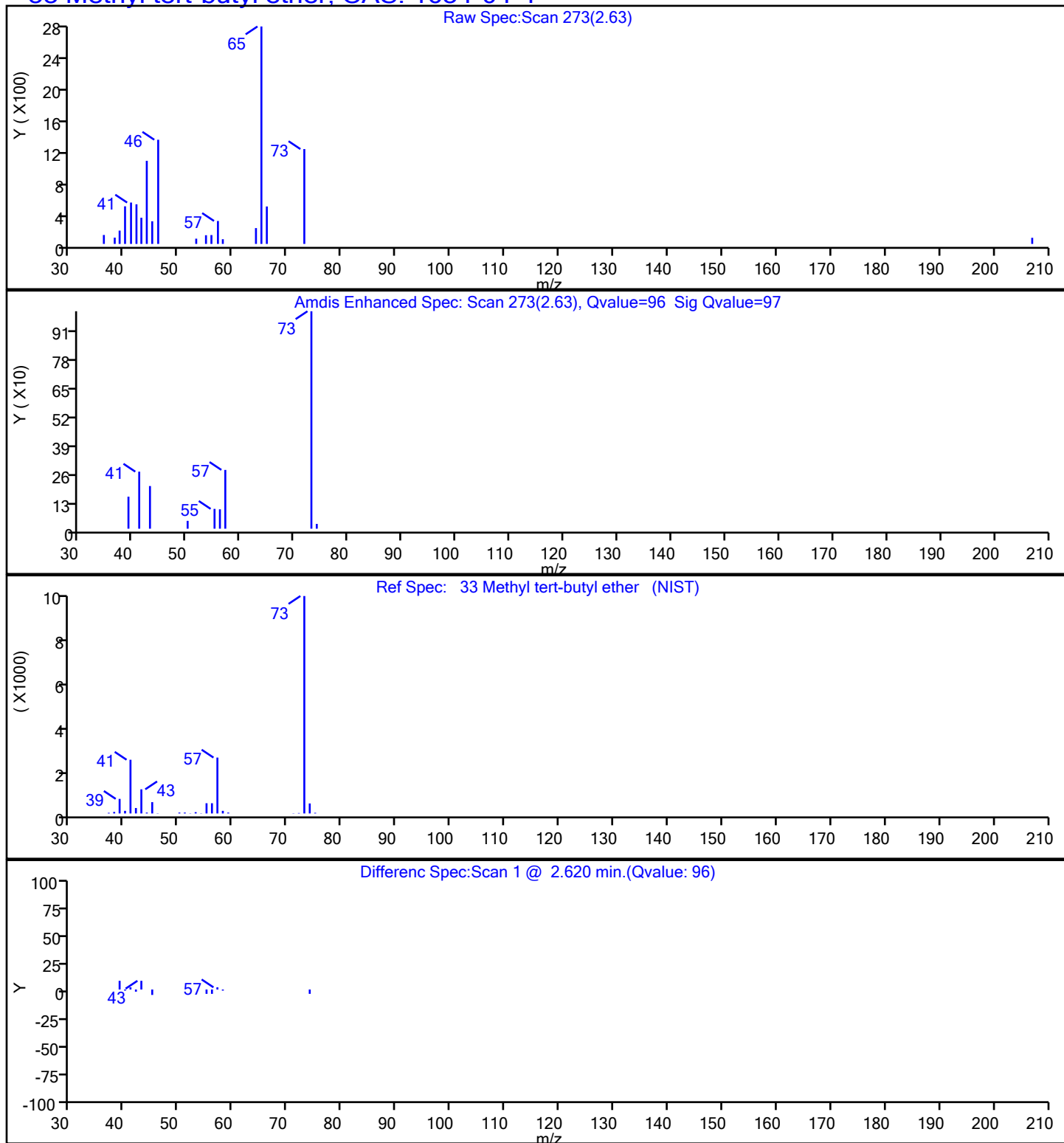
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44584.D

Injection Date: 18-Sep-2021 17:18:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-17

Lab Sample ID: 460-242808-17

Client ID: MW-20

Operator ID:

ALS Bottle#:

32

Worklist Smp#: 33

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

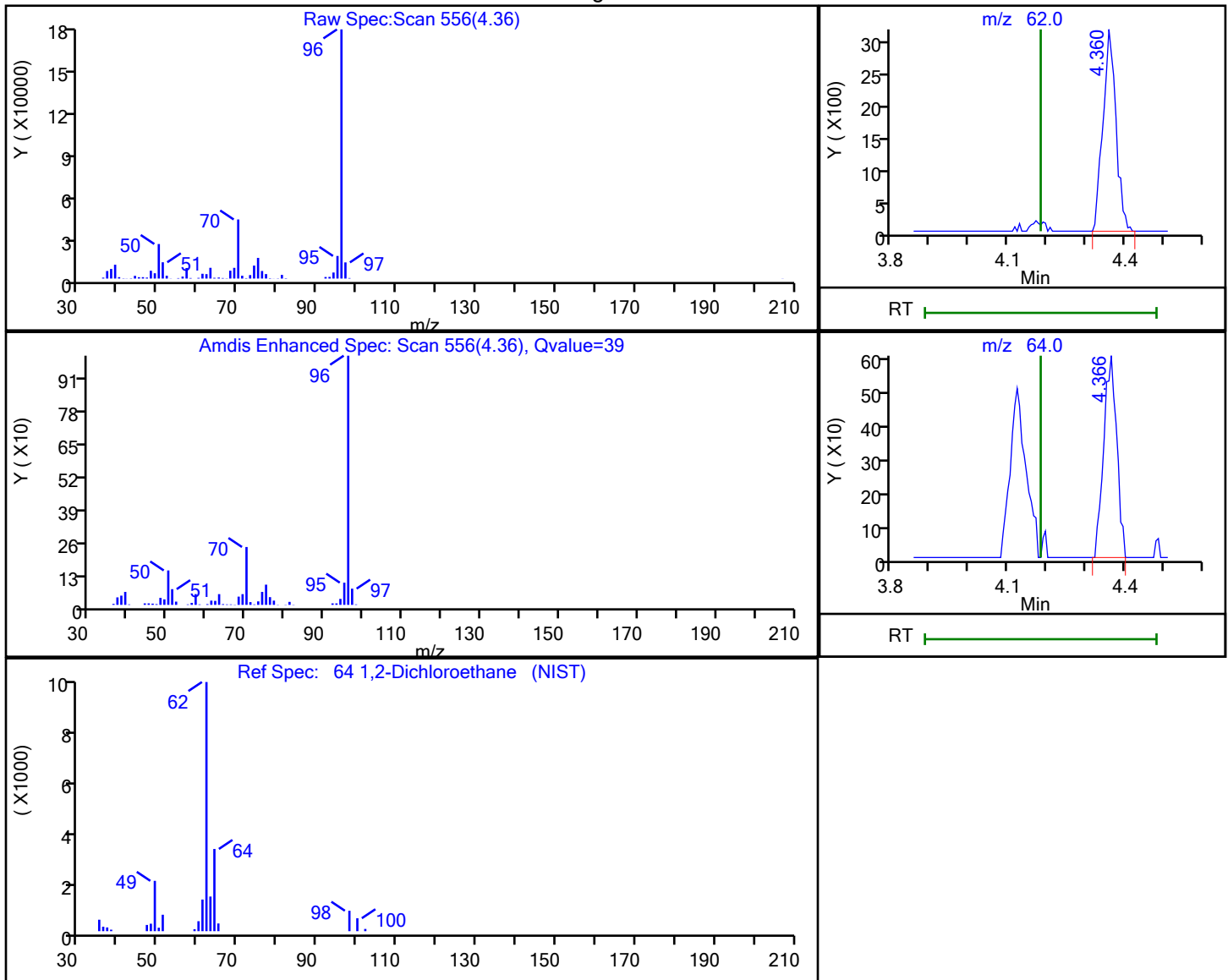
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.36	62.00	7348	1.386478
4.37	64.00	1416	

Reviewer: boykink, 18-Sep-2021 21:19:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44584.D

Injection Date: 18-Sep-2021 17:18:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-17

Lab Sample ID: 460-242808-17

Client ID: MW-20

Operator ID:

ALS Bottle#:

32

Worklist Smp#: 33

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

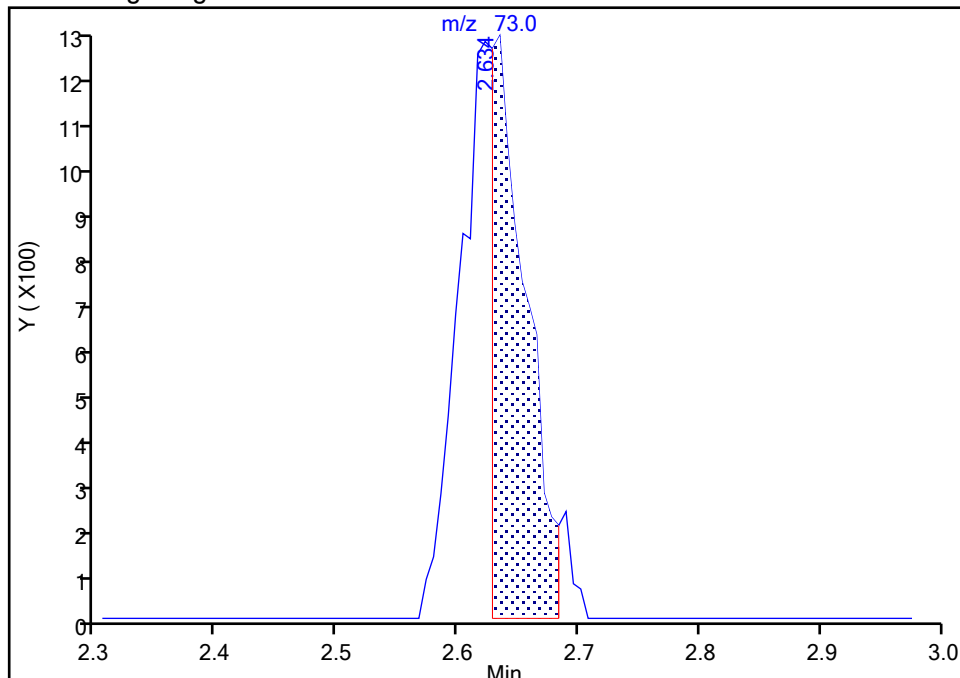
MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

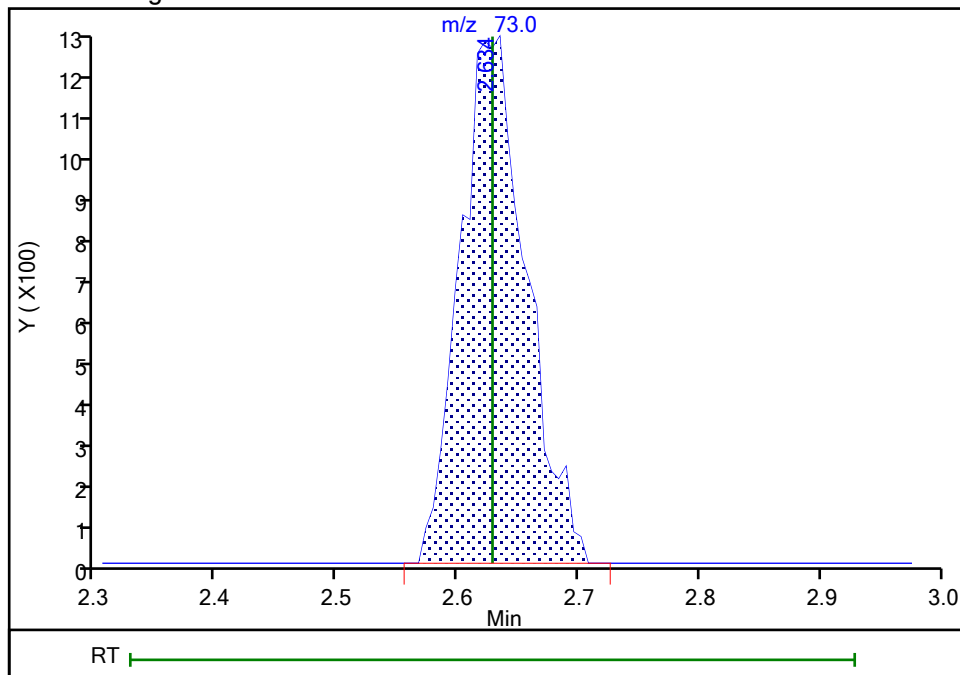
RT: 2.63
Area: 2492
Amount: 0.219857
Amount Units: ug/l

Processing Integration Results



RT: 2.63
Area: 4627
Amount: 0.408218
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 18-Sep-2021 21:19:01

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: FB0913 Lab Sample ID: 460-242808-18
 Matrix: Water Lab File ID: TT44569.D
 Analysis Method: 8260D Date Collected: 09/13/2021 15:00
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 12:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 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	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-242808-1</u>
SDG No.: _____	
Client Sample ID: <u>FB0913</u>	Lab Sample ID: <u>460-242808-18</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT44569.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>09/13/2021 15:00</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>09/18/2021 12:09</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>801985</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.89	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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: FB0913 Lab Sample ID: 460-242808-18
Matrix: Water Lab File ID: TT44569.D
Analysis Method: 8260D Date Collected: 09/13/2021 15:00
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 12:09
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44569.D
 Lims ID: 460-242808-B-18
 Client ID: FB0913
 Sample Type: Client
 Inject. Date: 18-Sep-2021 12:09:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-B-18
 Misc. Info.: 460-0134688-018
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:03:43 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: boykink

Date: 18-Sep-2021 21:10:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.500	2.494	0.006	98	4834	0.8912	
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	98	44415	1000.0	
* 42 2-Butanone-d5	46	3.384	3.409	-0.025	99	319797	250.0	M
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.811	0.006	95	147445	50.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	96	183124	50.1	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	525889	50.0	
* 72 1,4-Dioxane-d8	96	5.091	5.061	0.030	85	10895	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	469244	51.7	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	91	339915	50.0	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	124192	47.9	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	183821	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44569.D

Injection Date: 18-Sep-2021 12:09:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-18

Lab Sample ID: 460-242808-18

Client ID: FB0913

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 18

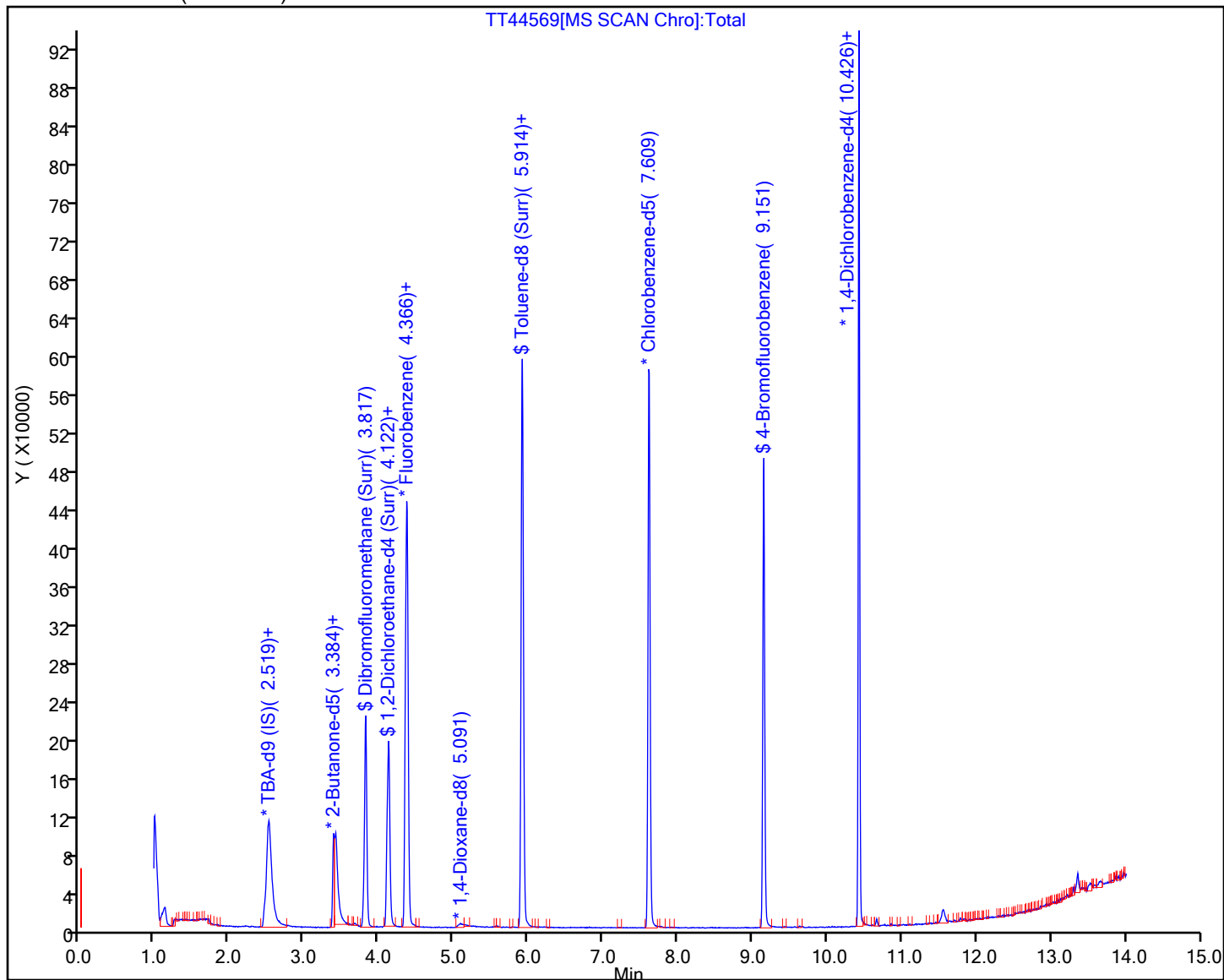
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44569.D

Injection Date: 18-Sep-2021 12:09:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-18

Lab Sample ID: 460-242808-18

Client ID: FB0913

Operator ID:

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

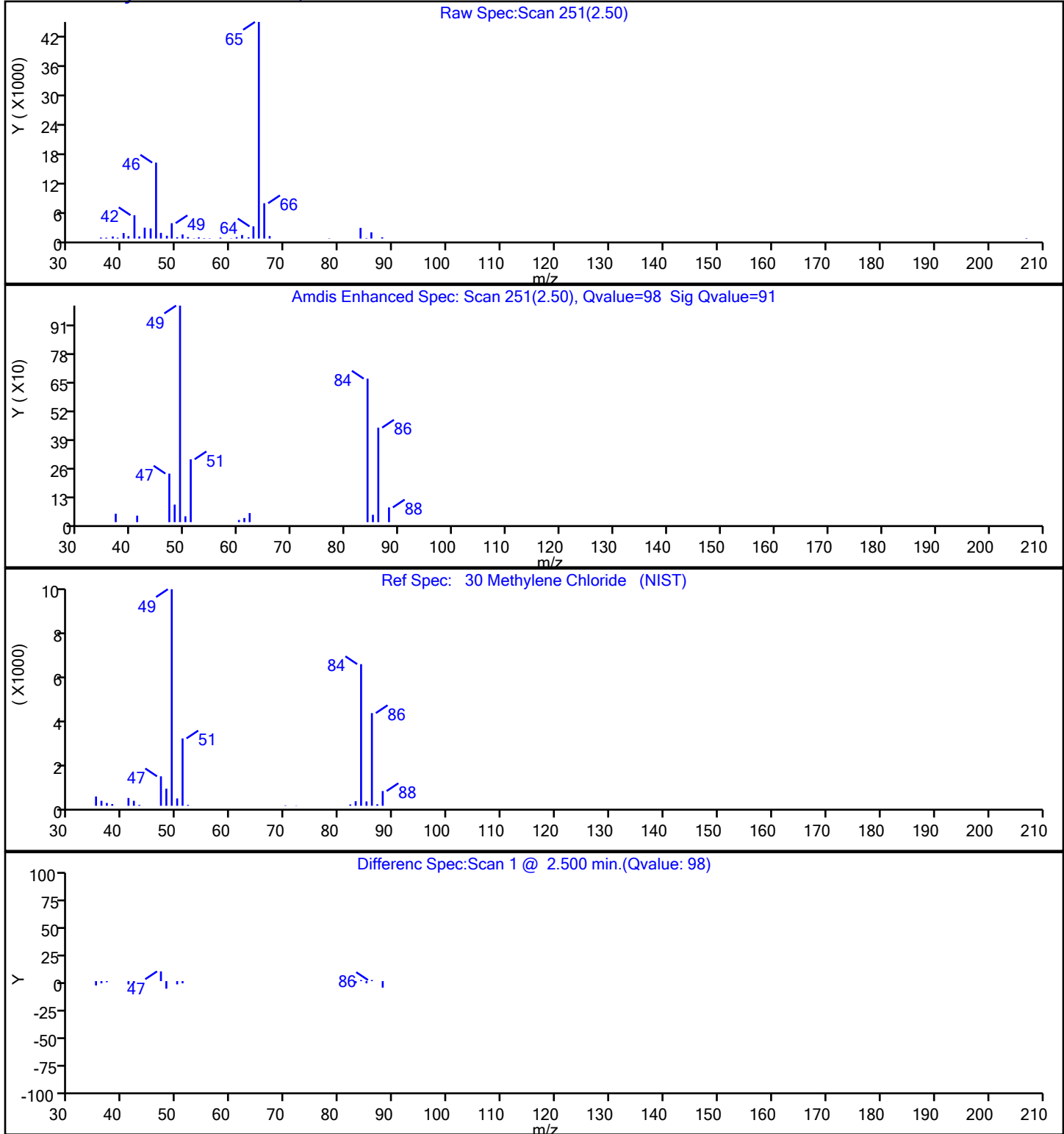
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

30 Methylene Chloride, CAS: 75-09-2

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44569.D

Injection Date: 18-Sep-2021 12:09:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-B-18

Lab Sample ID: 460-242808-18

Client ID: FB0913

Operator ID:

ALS Bottle#:

17

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

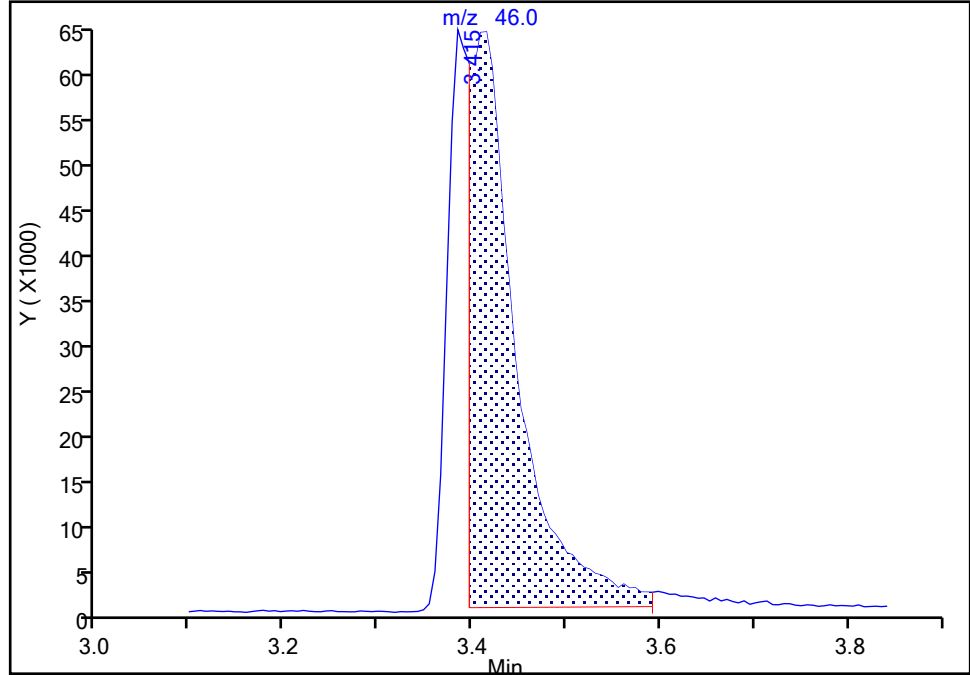
Detector: MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

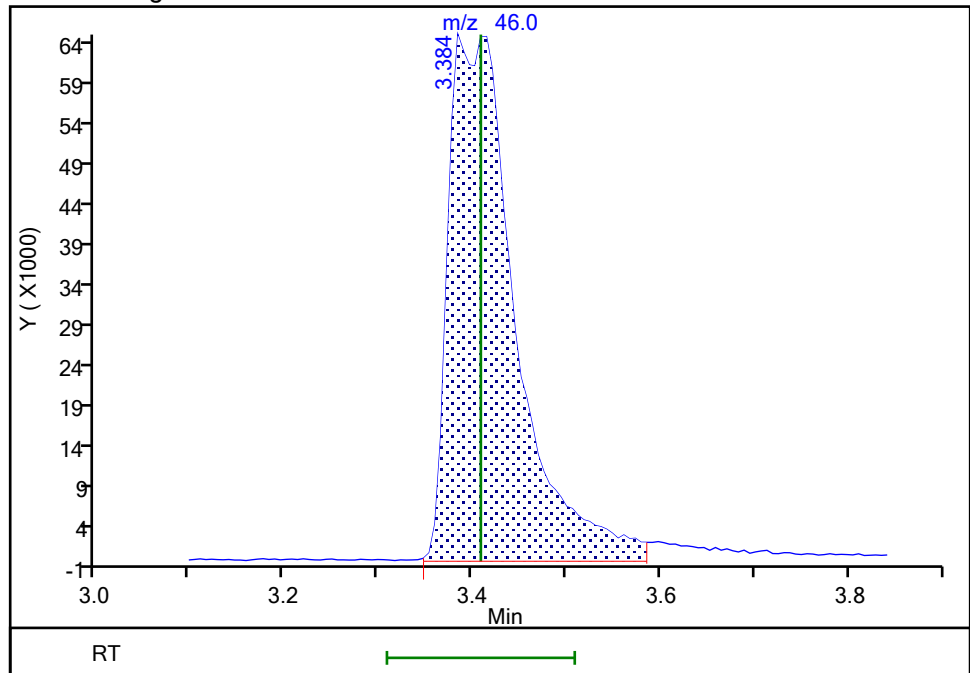
RT: 3.41
Area: 226145
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 3.38
Area: 319797
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 19-Sep-2021 13:03:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-800536/2	TT44003.D
Level 2	STD1 460-800536/15	TT44016.D
Level 3	STD5 460-800536/5	TT44006.D
Level 4	STD20 460-800536/6	TT44007.D
Level 5	STD50 460-800536/7	TT44008.D
Level 6	STD200 460-800536/8	TT44009.D
Level 7	STD500 460-800536/9	TT44010.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	++++ 0.1411	0.1662 0.1635	0.1791	0.1540	0.1932	Ave		0.166 2				11.0		20.0			
Dichlorodifluoromethane	++++ 0.5170	0.5340 0.5882	0.5875	0.5205	0.6714	Ave		0.569 8			0.1000	10.4		20.0			
Chlorodifluoromethane	++++ 0.0904	0.1369 0.0904	0.1183	0.1047	0.1178	Ave		0.109 7				16.6		20.0			
Chloromethane	++++ 0.6305	0.6368 0.6159	0.7018	0.6452	0.7199	Ave		0.658 4			0.1000	6.4		20.0			
Butadiene	0.3654 0.4557	0.5419 0.4516	0.5075	0.4763	0.5535	Ave		0.478 8				13.3		20.0			
Vinyl chloride	++++ 0.5322	0.5241 0.4971	0.5987	0.5698	0.6398	Ave		0.560 3			0.1000	9.4		20.0			
Bromomethane	++++ 1.7930	2.5809 ++++	2.9760	2.5200	2.2714	Ave		2.428 3			0.1000	17.9		20.0			
Chloroethane	++++ 1.6524	2.8093 1.2877	2.7948	2.2487	2.0167	QuaF		1.930 6	-0.001288		0.1000				1.0000		0.9900
Dichlorofluoromethane	++++ 0.8534	1.0092 0.7394	1.1058	1.0250	1.0817	Ave		0.969 1				14.8		20.0			
Pentane	++++ 0.0543	0.0761 0.0545	0.0844	0.0723	0.0807	Ave		0.070 4				18.5		20.0			
Trichlorofluoromethane	++++ 0.5446	0.6625 0.5176	0.7056	0.6288	0.7166	Ave		0.629 3			0.1000	13.1		20.0			
Ethyl ether	++++ 0.2476	0.2608 0.2299	0.2968	0.2829	0.3083	Ave		0.271 0				11.1		20.0			
Ethanol	++++ 0.5061	0.8085 0.4524	0.4816	0.4323	0.7970	QuaF		0.575 2	-0.000006						0.9960		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: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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-Methyl-1,3-butadiene	++++ 0.3489	0.4537 0.3398	0.4663	0.4234	0.4811	Ave		0.418 9				14.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.3112	0.3855 0.2927	0.4734	0.4088	0.4430	Ave		0.385 8				18.6		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.5266	0.6877 0.4953	0.7944	0.7021	0.7568	Ave		0.660 5				18.5		20.0			
Acrolein	++++ 0.0640	0.0888 0.0587	0.0871	0.0771	0.0807	Ave		0.076 1				16.1		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2962	0.3848 0.3123	0.4420	0.3777	0.4432	Ave		0.376 0		0.1000		16.6		20.0			
1,1-Dichloroethene	++++ 0.3296	0.4065 0.3156	0.4542	0.4086	0.4451	Ave		0.393 2		0.1000		14.8		20.0			
Acetone	++++ 1.2004	1.4610 1.0816	1.3090	1.1485	1.2187	Ave		1.236 5		0.0500		10.8		20.0			
Iodomethane	++++ 0.6055	0.6613 0.5730	0.8169	0.7399	0.8035	Ave		0.700 0				14.6		20.0			
Carbon disulfide	++++ 1.3666	1.8327 1.3158	1.9406	1.7162	1.8370	Ave		1.668 2		0.1000		15.8		20.0			
Isopropyl alcohol	++++ 5.4020	5.0099 5.5264	6.5641	5.9493	6.9000	Ave		5.891 9				12.3		20.0			
3-Chloro-1-propene	++++ 0.2927	0.3337 0.2728	0.3421	0.2963	0.3594	Ave		0.316 2				10.7		20.0			
Methyl acetate	++++ 0.3237	0.3050 0.3308	0.3053	0.2976	0.3584	Ave		0.320 1		0.1000		7.0		20.0			
Cyclopentene	++++ 0.8584	1.1359 0.8417	1.2110	1.0910	1.2143	Ave		1.058 7				15.9		20.0			
Acetonitrile	++++ 0.4481	0.4398 0.3789	0.5412	0.5172	0.5522	Ave		0.479 6				14.2		20.0			
Methylene Chloride	++++ 0.4203	0.5420 0.4062	0.6199	0.5391	0.5668	Ave		0.515 7		0.1000		16.4		20.0			
2-Methyl-2-propanol	++++ 9.5945	12.655 9.9017	13.948	11.420	13.114	Ave		11.77 2				15.0		20.0			
Methyl tert-butyl ether	++++ 1.0865	1.2343 1.0833	1.3284	1.2654	1.3746	Ave		1.228 8		0.1000		9.9		20.0			
trans-1,2-Dichloroethene	++++ 0.3674	0.4324 0.3509	0.5248	0.4701	0.4968	Ave		0.440 4		0.1000		15.9		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: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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								
Acrylonitrile	0.1397 0.1662	0.1747 0.1606	0.2062	0.1826	0.2084	Ave		0.176 9				13.9		20.0			
Hexane	++++ 0.4515	0.6554 0.5093	0.6585	0.5860	0.6629	Ave		0.587 3				15.2		20.0			
Isopropyl ether	++++ 1.4470	1.6868 1.4184	1.8713	1.7270	1.8720	Ave		1.670 4				11.9		20.0			
1,1-Dichloroethane	++++ 0.7633	0.9190 0.7288	1.0786	0.9500	1.0033	Ave		0.907 2		0.2000		15.0		20.0			
Vinyl acetate	++++ 0.3751	0.4518 0.3807	0.3397	0.3335	0.4256	Ave		0.384 4				12.2		20.0			
2-Chloro-1,3-butadiene	++++ 0.3386	0.3570 0.3202	0.4262	0.4026	0.4499	Ave		0.382 4				13.5		20.0			
tert-butyl ethyl ether	++++ 1.1854	1.3708 1.2527	1.2728	1.2234	1.4195	Ave		1.287 5				7.0		20.0			
2,2-Dichloropropane	++++ 0.1009	0.1160 0.1121	0.0968	0.0909	0.1097	Ave		0.104 4				9.3		20.0			
cis-1,2-Dichloroethene	++++ 0.4140	0.4478 0.4019	0.5751	0.5071	0.5427	Ave		0.481 4		0.1000		14.7		20.0			
Ethyl acetate	++++ 0.2608	0.2397 0.2583	0.3019	0.2658	0.3200	Ave		0.274 4				11.0		20.0			
2-Butanone (MEK)	++++ 0.3099	0.3556 0.2975	0.3654	0.3409	0.3756	Ave		0.340 8		0.0500		9.2		20.0			
Methyl acrylate	++++ 0.3566	0.3177 0.3759	0.2993	0.3063	0.3944	Ave		0.341 7				11.6		20.0			
Propionitrile	++++ 13.079	8.7304 12.906	16.943	16.970	19.209	QuaF		14.11 2	-0.000247						0.9970		0.9900
Chlorobromomethane	++++ 0.1950	0.2159 0.1883	0.2874	0.2493	0.2632	Ave		0.233 2				17.0		20.0			
Tetrahydrofuran	++++ 0.3219	0.5215 ++++	0.5289	0.4526	0.4372	Ave		0.452 4				18.5		20.0			
Methacrylonitrile	++++ 0.1492	0.1270 0.1384	0.1711	0.1683	0.1926	Ave		0.157 8				15.3		20.0			
Chloroform	++++ 0.6064	0.7885 0.5721	0.9132	0.8152	0.8341	Ave		0.754 9		0.2000		17.9		20.0			
Cyclohexane	++++ 0.4547	0.6070 0.5071	0.6416	0.5790	0.6391	Ave		0.571 4		0.1000		13.2		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: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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								
1,1,1-Trichloroethane	++++ 0.4830	0.5789 0.5115	0.5569	0.5200	0.5839	Ave		0.539 0			0.1000	7.5		20.0			
Carbon tetrachloride	++++ 0.3717	0.4022 0.4272	0.3505	0.3354	0.3997	Ave		0.381 1			0.1000	9.1		20.0			
1,1-Dichloropropene	++++ 0.5191	0.5811 0.5370	0.6322	0.5755	0.6409	Ave		0.581 0				8.4		20.0			
Isobutyl alcohol	++++ 4.1100	3.0857 ++++	3.9612	3.6125	4.6418	Ave		3.882 2				14.9		20.0			
Isooctane	++++ 1.1960	1.5579 1.3312	1.5941	1.4333	1.7127	Ave		1.470 9				12.8		20.0			
Benzene	++++ 1.9559	2.4999 1.9091	2.7199	2.3596	2.5530	Ave		2.332 9			0.5000	14.2		20.0			
tert-amyl methyl ether	++++ 1.2689	1.2324 1.2468	1.1691	1.2371	1.4767	Ave		1.271 8				8.3		20.0			
Isopropyl acetate	++++ 0.2023	0.1749 0.1998	0.1899	0.1946	0.2384	Ave		0.200 0				10.6		20.0			
1,2-Dichloroethane	++++ 0.4951	0.6155 0.4959	0.6319	0.5805	0.6283	Ave		0.574 5			0.1000	11.1		20.0			
n-Heptane	++++ 0.0696	0.1044 0.0809	0.1014	0.0858	0.1012	Ave		0.090 6				15.5		20.0			
Trichloroethene	++++ 0.3912	0.3779 0.4053	0.4216	0.4025	0.4598	Ave		0.409 7			0.2000	7.0		20.0			
n-Butanol	++++ 0.4808	++++ 1.2399	++++	++++	++++	Ave		0.860 4				62.4	*	20.0			
Methylcyclohexane	++++ 0.5556	0.6677 0.6110	0.6909	0.6381	0.7538	Ave		0.652 9			0.1000	10.5		20.0			
Ethyl acrylate	++++ 0.0478	0.0124 0.0507	0.0398	0.0415	0.0546	Qua2	-0.03 6	0.048 1	0.0000052						0.9930		0.9900
1,2-Dichloropropane	++++ 0.4194	0.4285 0.4272	0.4759	0.4467	0.5125	Ave		0.451 7			0.1000	8.0		20.0			
Methyl methacrylate	++++ 0.0835	0.0508 0.0878	0.0537	0.0671	0.0908	QuaF		0.081 6	0.0000062						1.0000		0.9900
Dibromomethane	++++ 0.2325	0.2312 0.2320	0.2626	0.2579	0.2835	Ave		0.249 9				8.6		20.0			
1,4-Dioxane	++++ 1.3327	1.3792 1.1295	1.7545	1.5549	1.8267	Ave		1.496 3				17.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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-Propyl acetate	++++ 0.5858	0.2103 0.6160	0.2914	0.4356	0.5951	QuaF		0.565 4	0.0001012						1.0000		0.9900
Dichlorobromomethane	++++ 0.4846	0.4307 0.5298	0.4530	0.4393	0.5307	Ave		0.478 0			0.2000	9.3		20.0			
2-Nitropropane	++++ 0.0728	0.0603 ++++	0.0672	0.0525	0.0676	Ave		0.064 1				12.2		20.0			
2-Chloroethyl vinyl ether	++++ 0.2431	0.1649 0.2622	0.2041	0.2135	0.2557	Ave		0.223 9				16.5		20.0			
Epichlorohydrin	++++ 0.2689	0.1073 0.2682	0.2048	0.2452	0.2987	QuaF		0.272 7	0						1.0000		0.9900
cis-1,3-Dichloropropene	++++ 0.8314	0.7589 0.8913	0.6988	0.7156	0.9043	Ave		0.800 0			0.2000	11.1		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 1.1611	1.4301 1.0764	1.2593	1.2377	1.4532	Ave		1.269 6			0.0500	11.7		20.0			
Toluene	++++ 1.8951	2.3544 1.9216	2.4313	2.1922	2.4153	Ave		2.201 7			0.4000	11.0		20.0			
trans-1,3-Dichloropropene	++++ 0.6988	0.5824 ++++	0.4580	0.5015	0.6875	Ave		0.585 6			0.1000	18.4		20.0			
Ethyl methacrylate	++++ 0.6463	0.3519 0.7026	0.3862	0.4991	0.6749	QuaF		0.613 5	0.0001779						1.0000		0.9900
1,1,2-Trichloroethane	++++ 0.3741	0.4158 0.3849	0.4487	0.4171	0.4589	Ave		0.416 6			0.1000	8.1		20.0			
Tetrachloroethene	++++ 0.4412	0.5032 0.4438	0.5709	0.5082	0.5688	Ave		0.506 0			0.2000	11.3		20.0			
1,3-Dichloropropane	++++ 0.7526	0.7683 0.7950	0.8871	0.8251	0.9228	Ave		0.825 1				8.2		20.0			
2-Hexanone	++++ 2.0301	0.5295 1.8918	1.3026	1.8048	2.2497	QuaF		2.134 3	-0.000097		0.0500				1.0000		0.9900
Chlorodibromomethane	++++ 0.4061	0.3619 0.4491	0.3470	0.3482	0.4422	Ave		0.392 4			0.1000	11.9		20.0			
n-Butyl acetate	++++ 0.9019	0.7420 0.9143	0.6982	0.7836	0.8771	Ave		0.819 5				11.1		20.0			
Ethylene Dibromide	++++ 0.4034	0.4181 0.4260	0.3172	0.3601	0.4629	Ave		0.397 9			0.1000	13.0		20.0			
Chlorobenzene	++++ 1.2291	1.4121 1.2180	1.5528	1.4068	1.5477	Ave		1.394 4			0.5000	10.5		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: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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								
Ethylbenzene	++++ 0.6507	0.7288 0.6391	0.8421	0.7703	0.8547	Ave		0.747 6			0.1000	12.3		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.4196	0.3944 0.4299	0.3509	0.3615	0.4720	Ave		0.404 7				11.2		20.0			
m-Xylene & p-Xylene	++++ 0.7979	0.8484 0.8081	0.9602	0.9145	1.0335	Ave		0.893 8			0.1000	10.4		20.0			
o-Xylene	++++ 0.8698	0.8299 0.8796	0.9481	0.9409	1.0992	Ave		0.927 9			0.3000	10.3		20.0			
Styrene	++++ 1.3129	1.1463 1.2617	1.4628	1.5142	1.7051	Ave		1.400 5			0.3000	14.3		20.0			
n-Butyl acrylate	++++ 0.3580	0.2434 0.3643	0.2236	0.2769	0.3705	QuaF		0.354 0	0.0000207						1.0000		0.9900
Bromoform	++++ 0.2602	0.1935 0.3048	0.1997	0.2058	0.2666	Ave		0.238 4			0.1000	19.0		20.0			
Amyl acetate (mixed isomers)	++++ 2.2338	0.4665 2.6165	0.6541	1.1351	1.9104	QuaF		1.938 4	0.0013590						1.0000		0.9900
Isopropylbenzene	++++ 2.2431	2.1502 2.1707	2.6388	2.5832	2.9671	Ave		2.458 9			0.1000	13.3		20.0			
Bromobenzene	++++ 1.0773	1.0198 1.1892	1.0917	1.0518	1.2345	Ave		1.110 7				7.5		20.0			
1,1,2,2-Tetrachloroethane	++++ 1.2815	1.2745 1.3586	1.3220	1.2560	1.5140	Ave		1.334 4			0.3000	7.2		20.0			
N-Propylbenzene	++++ 5.4988	4.9696 5.5632	5.5760	5.5127	6.7351	Ave		5.642 6				10.3		20.0			
1,2,3-Trichloropropane	++++ 0.3175	0.3067 0.3248	0.3489	0.3432	0.3969	Ave		0.339 7				9.5		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.3275	0.2525 0.3746	0.2675	0.2841	0.3512	Ave		0.309 6				15.8		20.0			
2-Chlorotoluene	++++ 3.4176	3.2928 3.5382	3.9307	3.5905	4.2533	Ave		3.670 5				9.7		20.0			
4-Ethyltoluene	++++ 4.1447	3.9954 4.1528	4.3740	4.4560	5.2037	Ave		4.387 8				9.9		20.0			
1,3,5-Trimethylbenzene	++++ 3.7388	3.1891 3.9082	3.7824	3.8011	4.6124	Ave		3.838 7				11.9		20.0			
4-Chlorotoluene	++++ 3.4034	3.6655 3.5580	3.8319	3.7068	4.2619	Ave		3.737 9				7.9		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: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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								
Butyl Methacrylate	++++ 1.2854	0.6515 1.5155	0.5922	0.7666	1.1918	QuaF		1.125 2	0.0007809						1.0000		0.9900
tert-Butylbenzene	++++ 3.2231	2.3877 3.5044	2.7766	2.8152	3.6084	Ave		3.052 6				15.5		20.0			
1,2,4-Trimethylbenzene	++++ 3.8550	3.4020 4.0068	3.8074	3.9189	4.7294	Ave		3.953 3				11.0		20.0			
sec-Butylbenzene	++++ 5.0212	4.1257 5.2789	4.8300	4.7967	6.0199	Ave		5.012 1				12.5		20.0			
1,3-Dichlorobenzene	++++ 1.9556	2.0451 2.0660	2.2687	2.0613	2.3622	Ave		2.126 5			0.6000	7.3		20.0			
4-Isopropyltoluene	++++ 4.0382	3.5065 4.0961	3.9152	3.9854	4.9474	Ave		4.081 5				11.6		20.0			
1,4-Dichlorobenzene	++++ 1.8779	2.3255 1.9576	2.2969	2.0714	2.3294	Ave		2.143 1			0.5000	9.4		20.0			
1,2,3-Trimethylbenzene	++++ 3.9863	3.6561 4.0374	4.2701	4.1340	4.9430	Ave		4.171 1				10.3		20.0			
Benzyl chloride	++++ 1.7239	1.1359 2.1456	0.9354	0.9886	1.4655	QuaF		1.424 3	0.0014437						1.0000		0.9900
Indan	++++ 3.6463	3.3235 3.6683	3.8880	3.8340	4.4823	Ave		3.807 1				10.1		20.0			
p-Diethylbenzene	++++ 2.0990	1.9190 2.1483	2.1596	2.1158	2.5866	Ave		2.171 4				10.2		20.0			
n-Butylbenzene	++++ 2.1583	2.1002 2.1674	2.5273	2.3629	2.7538	Ave		2.345 0				10.9		20.0			
1,2-Dichlorobenzene	++++ 1.7999	1.9876 1.8466	2.2819	2.0453	2.3391	Ave		2.050 1			0.4000	10.8		20.0			
1,2,4,5-Tetramethylbenzene	++++ 4.3109	3.1327 4.3922	3.4870	3.7454	4.8453	Ave		3.985 6				16.0		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.2488	0.1355 0.2870	0.1159	0.1389	0.2246	QuaF		0.220 4	0.0001334		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	++++ 1.6396	1.9168 1.6334	1.8491	1.6632	1.9820	Ave		1.780 7				8.7		20.0			
1,2,4-Trichlorobenzene	++++ 1.6131	1.7772 1.6564	1.6911	1.5829	1.9140	Ave		1.705 8			0.2000	7.2		20.0			
Hexachlorobutadiene	++++ 0.7098	0.7870 0.7474	0.7229	0.6372	0.8174	Ave		0.736 9				8.6		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: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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								
Naphthalene	++++ 4.0193	3.6893 4.0123	3.8818	3.8424	4.8030	Ave		4.041 3				9.7		20.0			
1,2,3-Trichlorobenzene	++++ 1.4779	1.8073 1.5128	1.6166	1.5112	1.8228	Ave		1.624 8				9.5		20.0			
Dibromofluoromethane (Surr)	0.2861 0.2594	0.2940 0.2378	0.3030	0.2920	0.2787	Ave		0.278 7				8.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3461 0.3420	0.3493 0.3384	0.3520	0.3607	0.3443	Ave		0.347 5				2.1		20.0			
Toluene-d8 (Surr)	1.4060 1.2455	1.3951 1.2028	1.3839	1.3590	1.3454	Ave		1.334 0				5.9		20.0			
4-Bromofluorobenzene	0.3812 0.3688	0.3827 0.3673	0.3978	0.3911	0.3821	Ave		0.381 6				2.9		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-800536/2	TT44003.D
Level 2	STD1 460-800536/15	TT44016.D
Level 3	STD5 460-800536/5	TT44006.D
Level 4	STD20 460-800536/6	TT44007.D
Level 5	STD50 460-800536/7	TT44008.D
Level 6	STD200 460-800536/8	TT44009.D
Level 7	STD500 460-800536/9	TT44010.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	++++ 250645	1663 755333	7267	27567	76956	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 918293	5343 2717849	23844	93155	267436	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 160544	1370 417531	4800	18744	46915	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 1120041	6372 2846016	28481	115478	286724	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	1226 809465	5422 2086796	20594	85258	220457	0.250 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 945448	5244 2296974	24295	101992	254819	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	BUT	Ave	++++ 483005	3333 ++++	15551	61229	127880	++++ 200	1.00 ++++	5.00	20.0	50.0
Chloroethane	BUT	QuaF	++++ 445129	3628 945131	14604	54637	113541	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1516007	10098 3416742	44878	183465	430840	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	++++ 192862	1522 503835	6850	25870	64319	++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	++++ 967426	6629 2392037	28634	112552	285421	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Ave	++++ 439898	2609 1062257	12044	50629	122798	++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBA 9	QuaF	++++ 157994	1362 384405	2354	10263	45557	++++ 8000	40.0 20000	200	800	2000

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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-Methyl-1,3-butadiene	FB	Ave	++++ 619819	4540 1570088	18922	75778	191621	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 552745	3857 1352611	19212	73172	176433	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 935379	6881 2288704	32237	125661	301436	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	FB	Ave	++++ 115351	3602 220218	14340	27986	65188	++++ 203	4.06 406	20.3	40.6	101
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 526098	3850 1443318	17938	67597	176513	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	++++ 585428	4067 1458207	18433	73130	177282	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 1616888	9434 3969235	34200	139523	343076	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 1075569	6617 2647979	33151	132434	320024	++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	++++ 2427633	18337 6080334	78755	307180	731674	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 421635	2110 1173833	8021	35309	98598	++++ 2000	10.0 5000	50.0	200	500
3-Chloro-1-propene	FB	Ave	++++ 519870	3339 1260394	13884	53040	143141	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 1150045	6104 3056832	24783	106516	285470	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 1524853	11365 3889587	49147	195280	483637	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	BUT	Ave	++++ 1207126	5679 2781022	28281	125662	310871	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 746536	5423 1876872	25157	96490	225764	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Ave	++++	5330	17044	67778	187399	++++	10.0	50.0	200	500

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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
			748870	2103163				2000	5000			
Methyl tert-butyl ether	FB	Ave	++++ 1930091	12350 5006049	53911	226488	547493	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 652665	4326 1621608	21298	84145	197881	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	3749 2952815	17481 7419588	83690	326795	829959	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 802049	6558 2353666	26725	104879	264031	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 2570345	16877 6554273	75941	309104	745596	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 1355949	9195 3367876	43773	170030	399595	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	++++ 202116	1167 558837	3550	16208	47922	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 601428	3572 1479457	17296	72052	179202	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 2105685	13716 5788658	51655	218978	565395	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 179202	1161 518119	3929	16263	43696	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 735353	4480 1857189	23339	90772	216142	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	++++ 140514	619 379137	3155	12915	36027	++++ 400	2.00 1000	10.0	40.0	100
2-Butanone (MEK)	BUT	Ave	++++ 417374	2296 1091772	9546	41415	105745	++++ 1000	5.00 2500	25.0	100	250
Methyl acrylate	FB	Ave	++++ 633511	3179 1736927	12148	54831	157092	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	QuaF	++++ 1020860	3677 2741195	20704	100716	274484	++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	++++ 346459	2160 869992	11664	44616	104840	++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	++++ 173428	1347 ++++	5527	21992	49224	++++ 400	2.00 ++++	10.0	40.0	100

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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
Methacrylonitrile	FB	Ave	++++ 2650487	12703 6397082	69433	301212	767286	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 1077167	7889 2643844	37059	145914	332236	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 807688	6073 2343296	26038	103627	254548	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 858027	5792 2363391	22600	93081	232572	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 660201	4024 1974163	14225	60032	159203	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 922085	5814 2481465	25656	103009	255266	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 801978	3249 ++++	12101	53600	165824	++++ 5000	25.0 ++++	125	500	1250
Isooctane	FB	Ave	++++ 2124564	15588 6151410	64695	256539	682148	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	++++ 2635787	16276 6584989	75301	302829	739013	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 2253931	12331 5761454	47444	221421	588154	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 359415	1750 923299	7708	34822	94940	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 879558	6158 2291760	25644	103894	250255	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 123625	1045 373945	4116	15363	40327	++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	++++ 694831	3781 1872743	17111	72047	183138	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 93822	++++ 658403	++++	++++	++++	++++ 5000	++++ 12500	++++	++++	++++
Methylcyclohexane	FB	Ave	++++ 986856	6681 2823601	28040	114217	300223	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Qua2	++++	124	1616	7422	21756	++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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
			84982	234096				200	500			
1,2-Dichloropropane	FB	Ave	++++ 744981	4287 1974296	19313	79962	204122	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	QuaF	++++ 296682	1016 811690	4362	24009	72365	++++ 400	2.00 1000	10.0	40.0	100
Dibromomethane	FB	Ave	++++ 412934	2313 1071949	10657	46160	112912	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	++++ 131844	1294 351918	2772	14024	38058	++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	QuaF	++++ 1040546	2104 2846576	11824	77962	237022	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	++++ 860824	4309 2448394	18385	78626	211369	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	++++ 258662	1206 ++++	5451	18801	53834	++++ 400	2.00 ++++	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	++++ 432929	1654 1214361	8301	38298	102090	++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	QuaF	++++ 1448820	2772 3936638	21403	119170	336298	++++ 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 1120363	4941 3074221	19345	91839	261758	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 1563883	9234 3950420	32902	150365	409094	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 2553838	15329 6628309	67310	281352	699161	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 941663	3792 ++++	12680	64362	199006	++++ 200	1.00 ++++	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	QuaF	++++ 870930	2291 2423367	10691	64052	195349	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 504164	2707 1327646	12423	53536	132824	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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
Tetrachloroethene	CBNZ d5	Ave	++++ 594530	3276 1530826	15806	65223	164651	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 1014202	5002 2742213	24560	105894	267119	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	QuaF	++++ 2734432	3419 6942726	34033	219260	633306	++++ 1000	5.00 2500	25.0	100	250
Chlorodibromomethane	CBNZ d5	Ave	++++ 547229	2356 1548953	9606	44694	128009	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Ave	++++ 1215454	4831 3153601	19331	100573	253893	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 543589	2722 1469510	8781	46210	133998	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1656394	9194 4201093	42990	180550	448009	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 876935	4745 2204616	23313	98858	247424	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 565435	2568 1482868	9714	46394	136624	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 1075263	5524 2787231	26584	117363	299181	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 1172206	5403 3034123	26247	120758	318192	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 1769328	7463 4351905	40498	194332	493579	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butyl acrylate	CBNZ d5	QuaF	+++++	1585	6190	35538	107239	+++++	1.00	5.00	20.0	50.0
			482489	1256605				200	500			
Bromoform	CBNZ d5	Ave	+++++	1260	5529	26410	77167	+++++	1.00	5.00	20.0	50.0
			350644	1051264				200	500			
Amyl acetate (mixed isomers)	DCBd 4	QuaF	+++++	1687	10752	82024	288317	+++++	1.00	5.00	20.0	50.0
			1422855	3963769				200	500			
Isopropylbenzene	CBNZ d5	Ave	+++++	13999	73056	331532	858890	+++++	1.00	5.00	20.0	50.0
			3022911	7487294				200	500			
Bromobenzene	DCBd 4	Ave	+++++	3688	17946	76007	186306	+++++	1.00	5.00	20.0	50.0
			686175	1801497				200	500			
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++	4609	21731	90764	228493	+++++	1.00	5.00	20.0	50.0
			816270	2058108				200	500			
N-Propylbenzene	DCBd 4	Ave	+++++	17972	91661	398368	1016449	+++++	1.00	5.00	20.0	50.0
			3502479	8427782				200	500			
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	1109	5735	24798	59901	+++++	1.00	5.00	20.0	50.0
			202260	492003				200	500			
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	913	4397	20533	53002	+++++	1.00	5.00	20.0	50.0
			208622	567418				200	500			
2-Chlorotoluene	DCBd 4	Ave	+++++	11908	64614	259465	641903	+++++	1.00	5.00	20.0	50.0
			2176833	5360136				200	500			
4-Ethyltoluene	DCBd 4	Ave	+++++	14449	71901	322006	785330	+++++	1.00	5.00	20.0	50.0
			2639988	6291143				200	500			
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++	11533	62176	274686	696096	+++++	1.00	5.00	20.0	50.0
			2381449	5920656				200	500			

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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
4-Chlorotoluene	DCBd 4	Ave	++++ 2167823	13256 5390066	62991	267865	643195	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	QuaF	++++ 818748	2356 2295789	9734	55395	179871	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 2053003	8635 5308834	45643	203441	544567	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 2455493	12303 6070020	62587	283196	713751	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 3198286	14920 7997060	79397	346627	908514	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1245620	7396 3129807	37293	148955	356501	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 2572150	12681 6205244	64359	288002	746647	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1196139	8410 2965560	37758	149687	351541	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 2539101	13222 6116334	70193	298738	745988	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	QuaF	++++ 1098079	4108 3250347	15376	71440	221176	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 2322537	12019 5557197	63913	277058	676463	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 1336948	6940 3254468	35501	152894	390371	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCBd 4	Ave	++++ 1374718	7595 3283473	41544	170752	415593	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1146434	7188 2797469	37510	147802	353007	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 2745854	11329 6653799	57320	270655	731248	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	QuaF	++++ 158484	490 434845	1906	10034	33895	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 1044346	6932 2474478	30396	120193	299116	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 1027444	6427 2509324	27799	114385	288862	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 452103	2846 1132180	11884	46047	123366	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 2560100	13342 6078254	63811	277667	724855	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 941326	6536 2291846	26575	109205	275089	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	191980 115205	147101 109881	122973	130662	110998	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	232228 151890	174745 156358	142864	161394	137149	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	604790 419621	454170 414882	383134	436025	389462	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	163951	124592	110145	125480	110596	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1 Analy Batch No.: 800536

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2021 06:59 Calibration End Date: 09/10/2021 12:08 Calibration ID: 87141

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
			124262	126685				50.0	50.0			

Curve Type Legend

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 10-Sep-2021 06:59:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD8
 Misc. Info.: 460-0134348-002
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 10-Sep-2021 19:41:27 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: desais

Date: 10-Sep-2021 08:16:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.415	1.427	-0.012	55	1226	0.2500	0.1908	M
* 31 TBA-d9 (IS)	66	2.506	2.531	-0.025	98	31619	1000.0	1000.0	
35 Acrylonitrile	53	2.701	2.720	-0.019	95	3749	2.00	1.58	
* 42 2-Butanone-d5	46	3.402	3.390	0.012	99	411419	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.805	3.817	-0.012	96	191980	50.0	51.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.116	4.122	-0.006	95	232228	50.0	49.8	
* 66 Fluorobenzene	96	4.360	4.366	-0.006	97	671010	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.067	5.061	0.006	90	23423	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.908	5.914	-0.006	98	604790	50.0	52.7	
* 94 Chlorobenzene-d5	117	7.609	7.615	-0.006	90	430136	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	163951	50.0	49.9	
* 121 1,4-Dichlorobenzene-d4	152	10.425	10.426	-0.001	98	235226	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00130	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00143	Amount Added: 0.00	Units: uL	
GASES Li_00437	Amount Added: 2.50	Units: uL	
524freon_00042	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00089	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00048	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

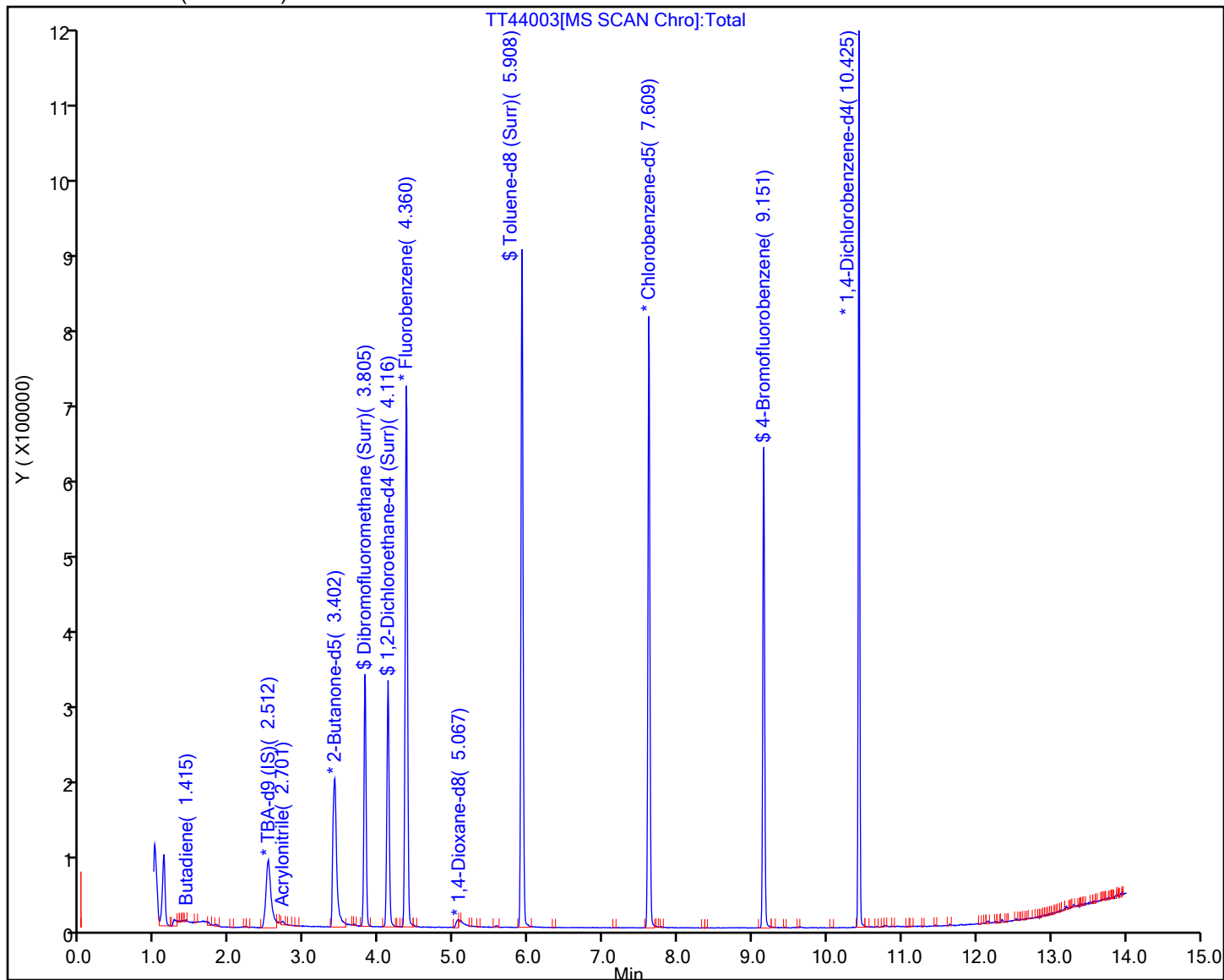
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

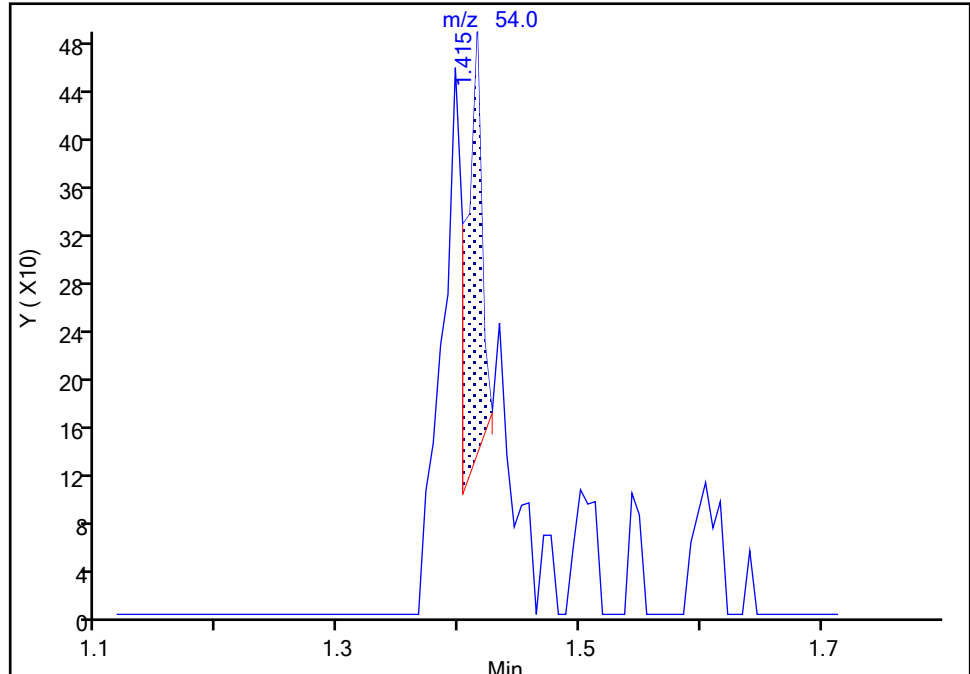
Detector: MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

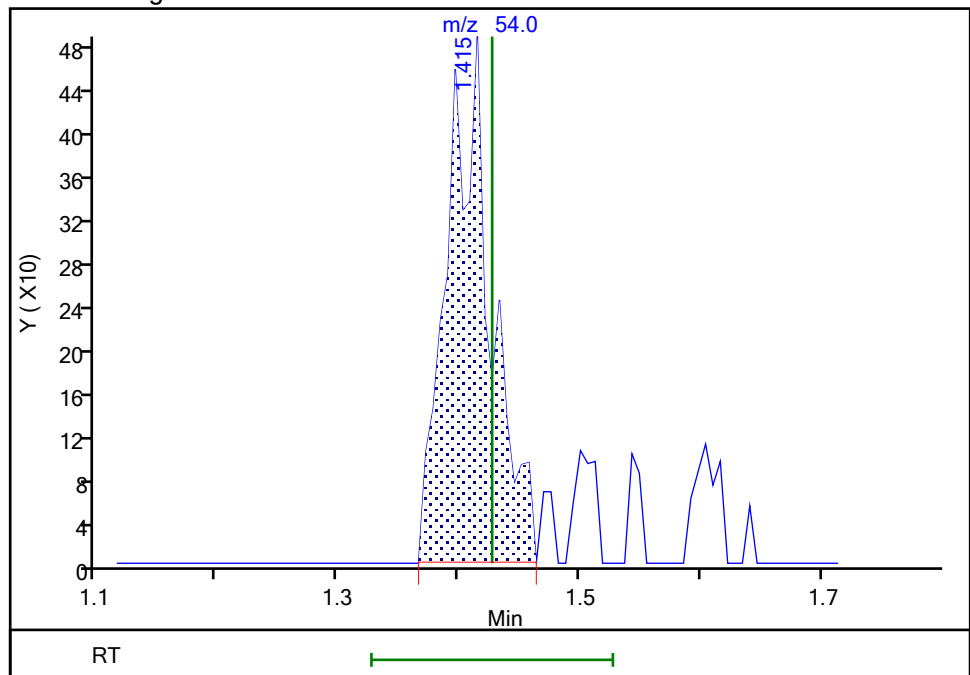
RT: 1.42
Area: 319
Amount: 0.246332
Amount Units: ug/l

Processing Integration Results



RT: 1.42
Area: 1226
Amount: 0.190783
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 10-Sep-2021 08:16:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

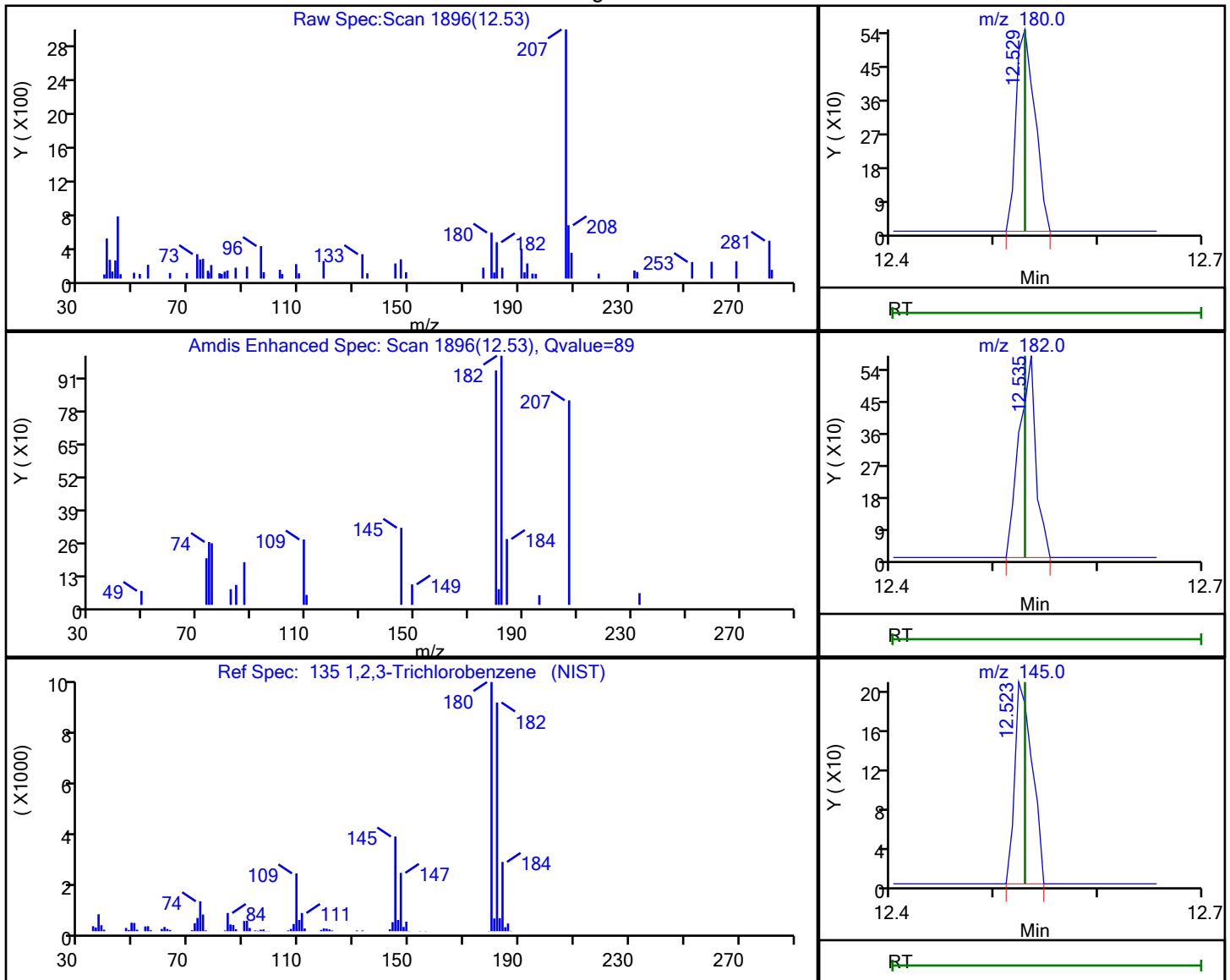
Column: DB-624 (0.18 mm)

Detector

MS Quad

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.53	180.00	696	0.056043
12.53	182.00	646	
12.52	145.00	237	

Reviewer: desais, 10-Sep-2021 08:16:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

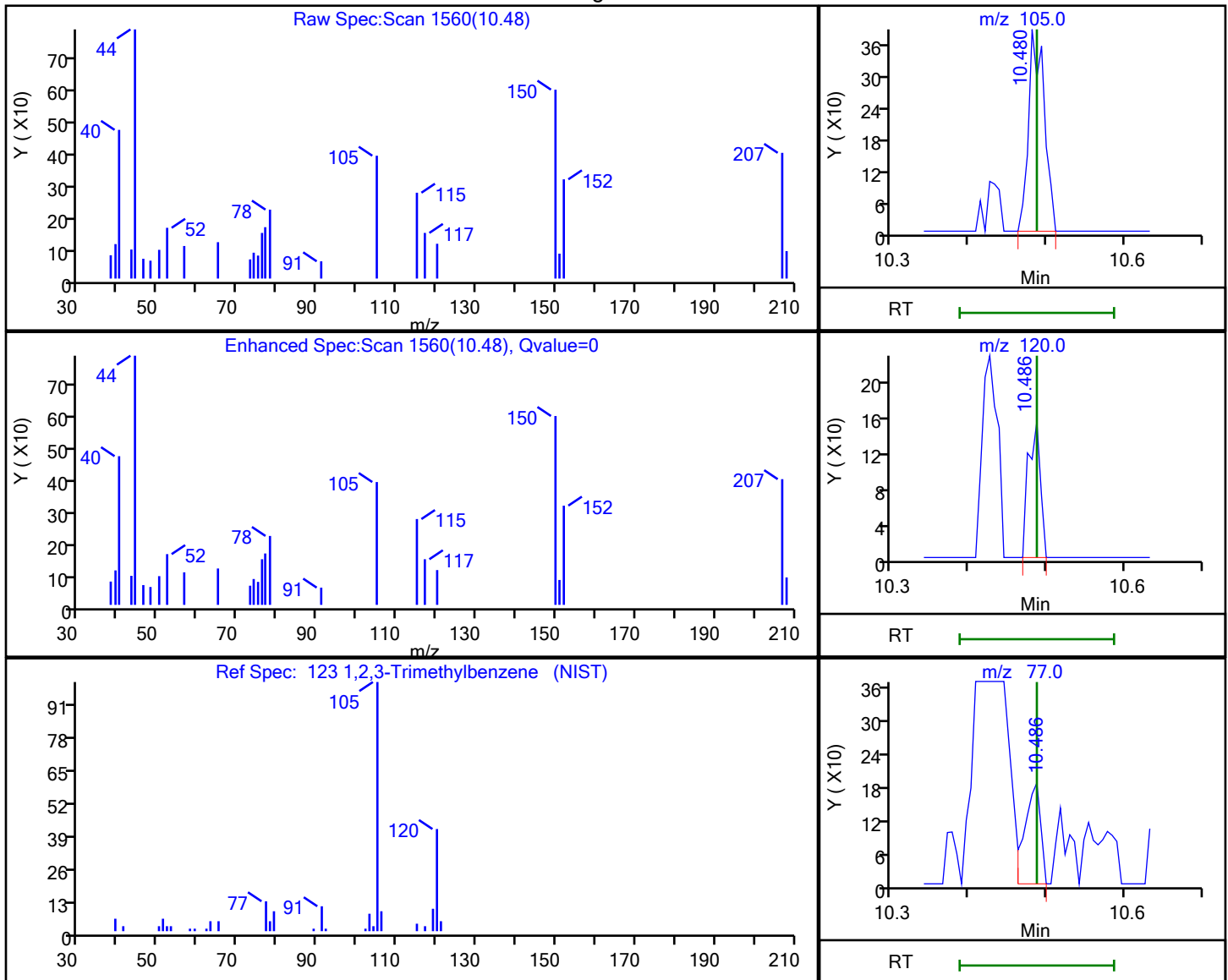
Column: DB-624 (0.18 mm)

Detector

MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.48	105.00	541	0.020791
10.49	120.00	162	
10.49	77.00	256	

Reviewer: desais, 10-Sep-2021 08:16:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

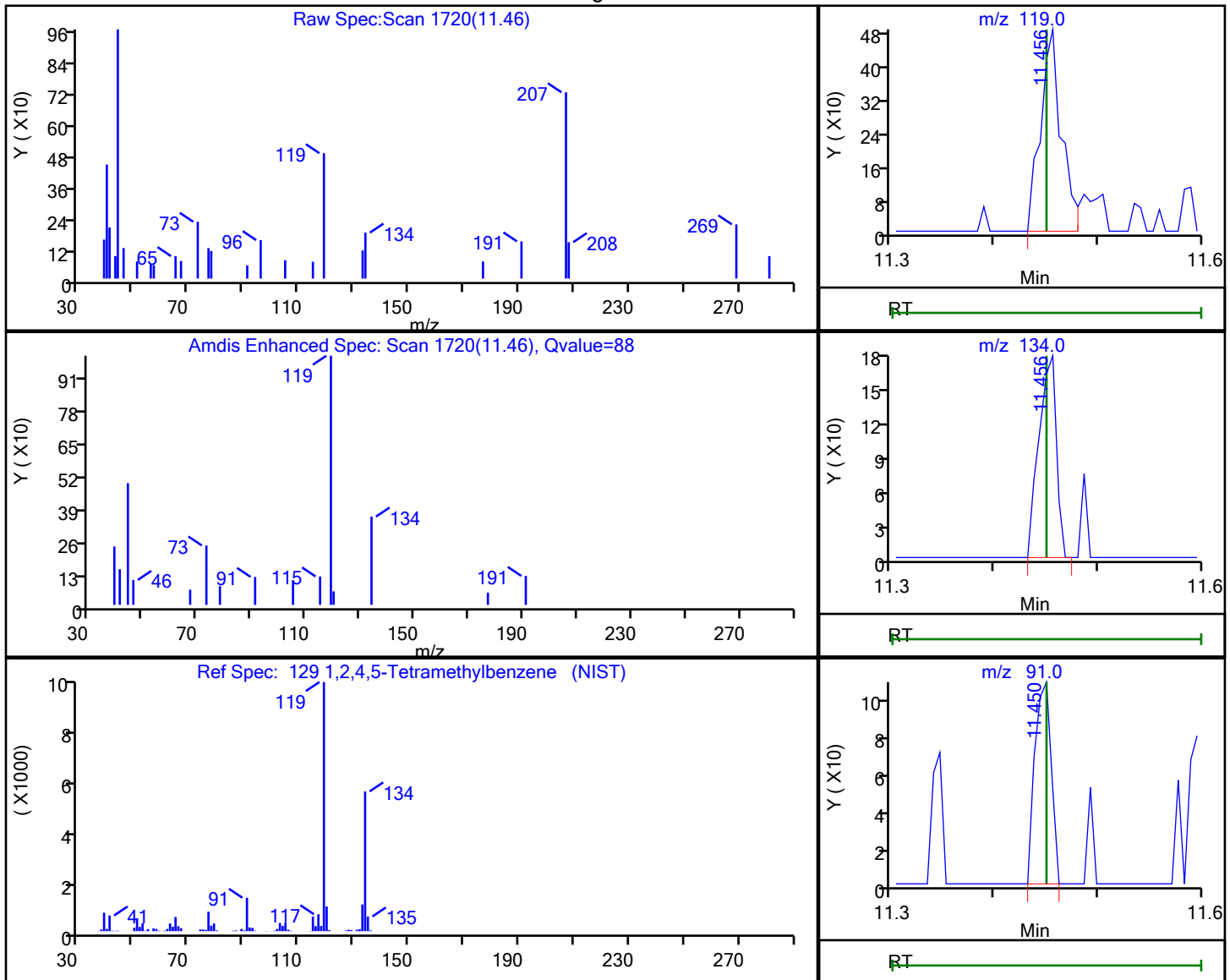
Column: DB-624 (0.18 mm)

Detector

MS Quad

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.46	119.00	685	0.034153
11.46	134.00	210	
11.45	91.00	120	

Reviewer: desais, 10-Sep-2021 08:16:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

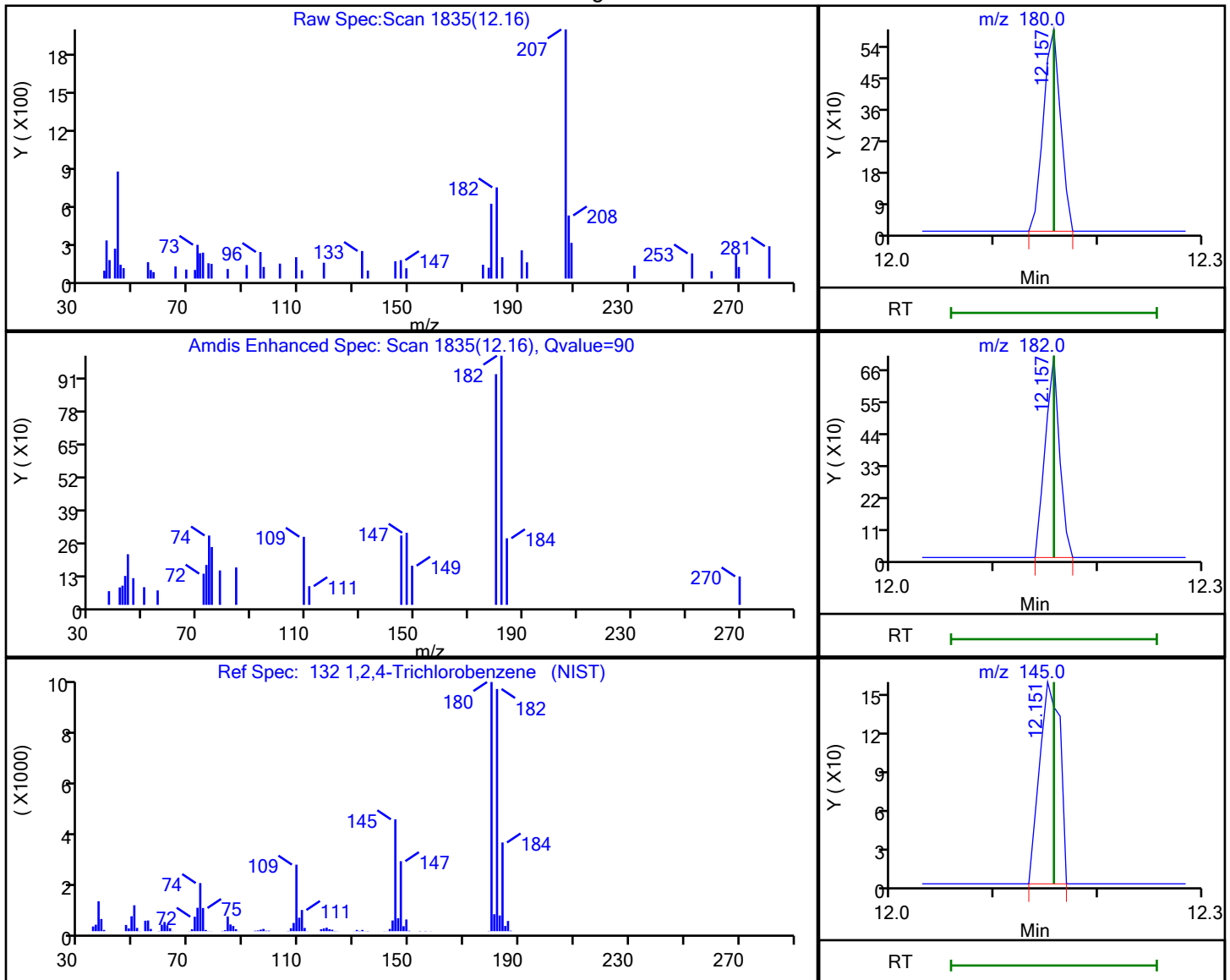
Column: DB-624 (0.18 mm)

Detector

MS Quad

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.16	180.00	671	0.054007
12.16	182.00	682	
12.15	145.00	209	

Reviewer: desais, 10-Sep-2021 08:16:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

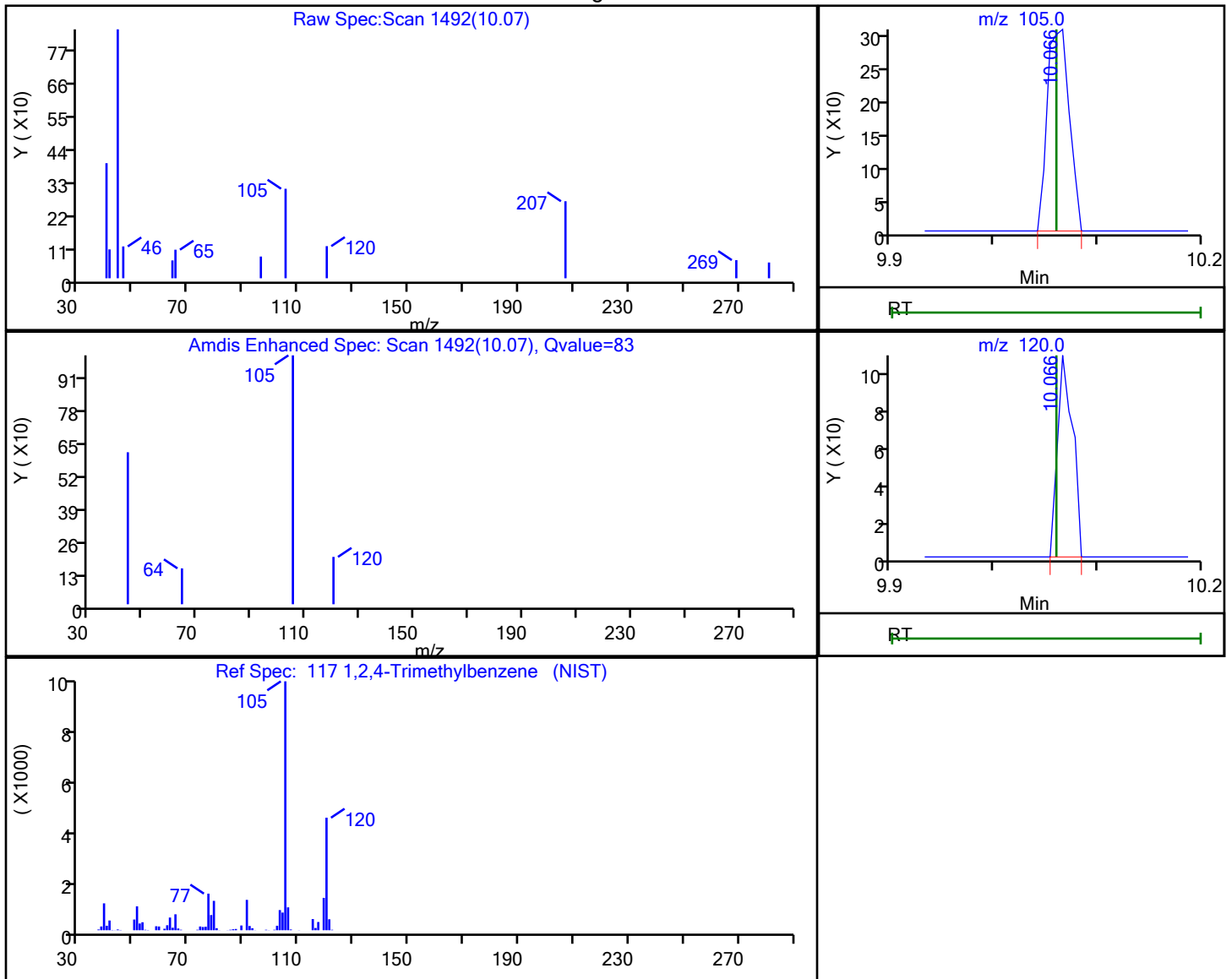
Column: DB-624 (0.18 mm)

Detector

MS Quad

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.07	105.00	449	0.020516
10.07	120.00	110	

Reviewer: desais, 10-Sep-2021 08:16:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

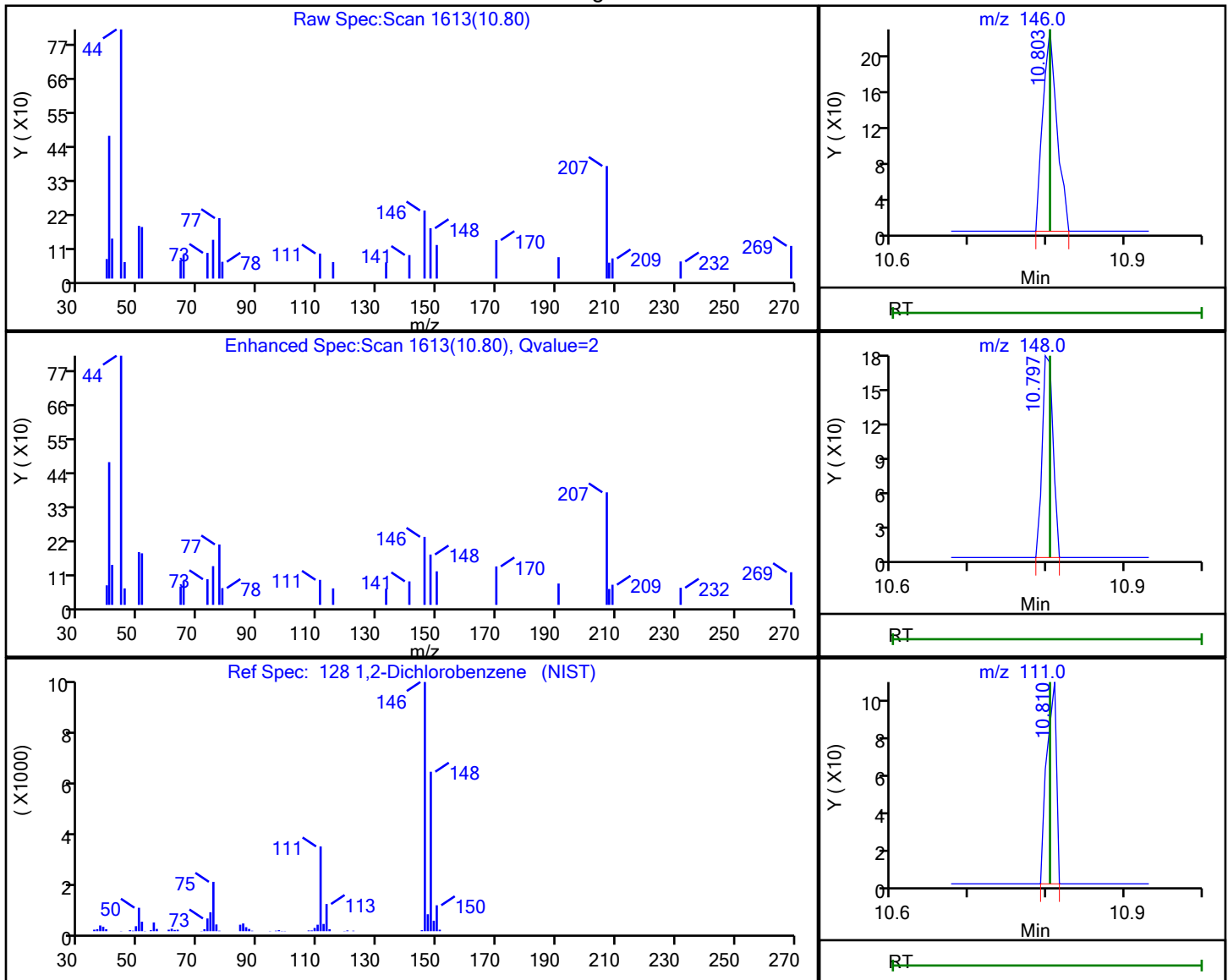
Column: DB-624 (0.18 mm)

Detector

MS Quad

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.80	146.00	281	0.027842
10.80	148.00	166	
10.81	111.00	90	

Reviewer: desais, 10-Sep-2021 08:16:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

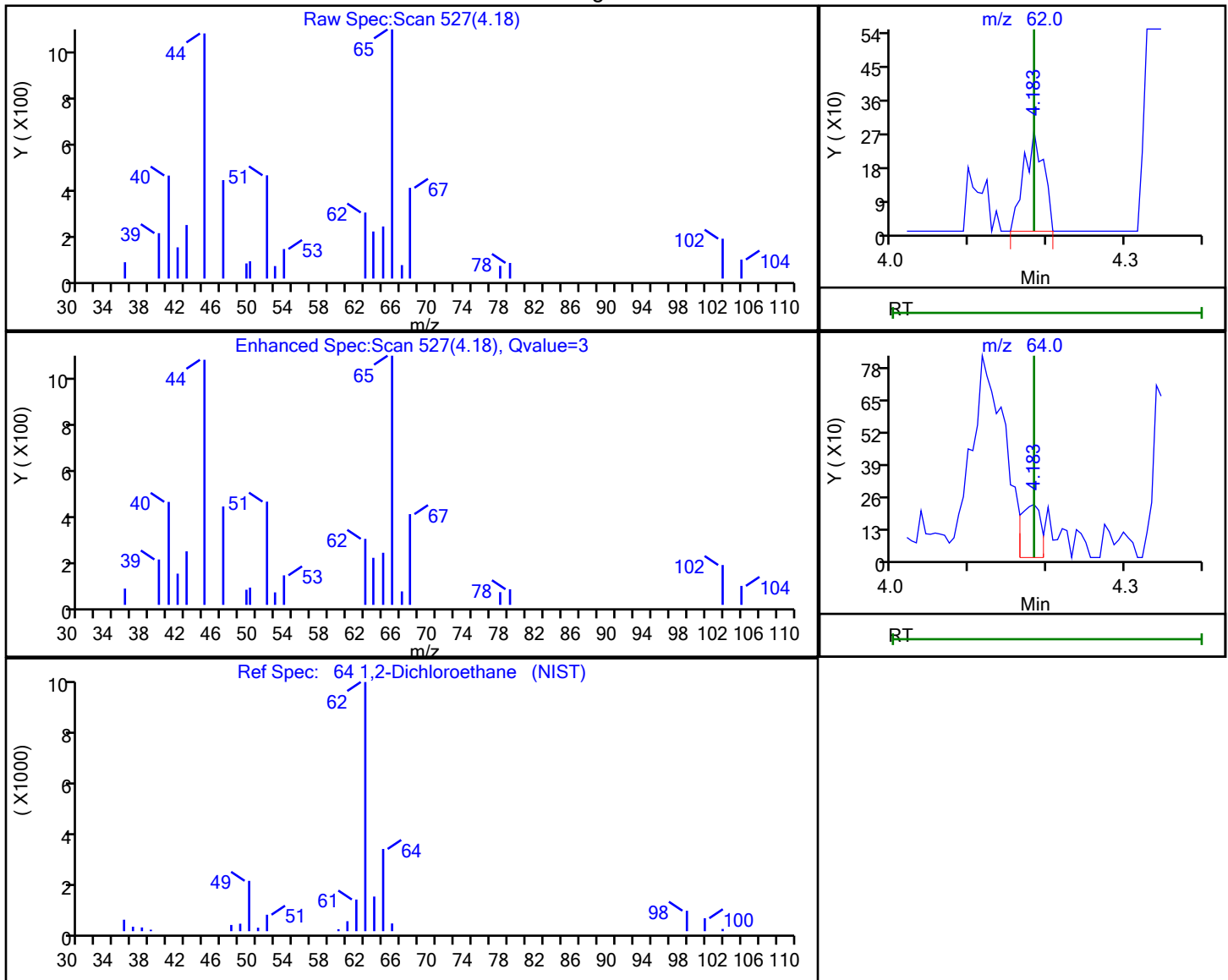
Column: DB-624 (0.18 mm)

Detector

MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.18	62.00	479	0.064903
4.18	64.00	392	

Reviewer: desais, 10-Sep-2021 08:16:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

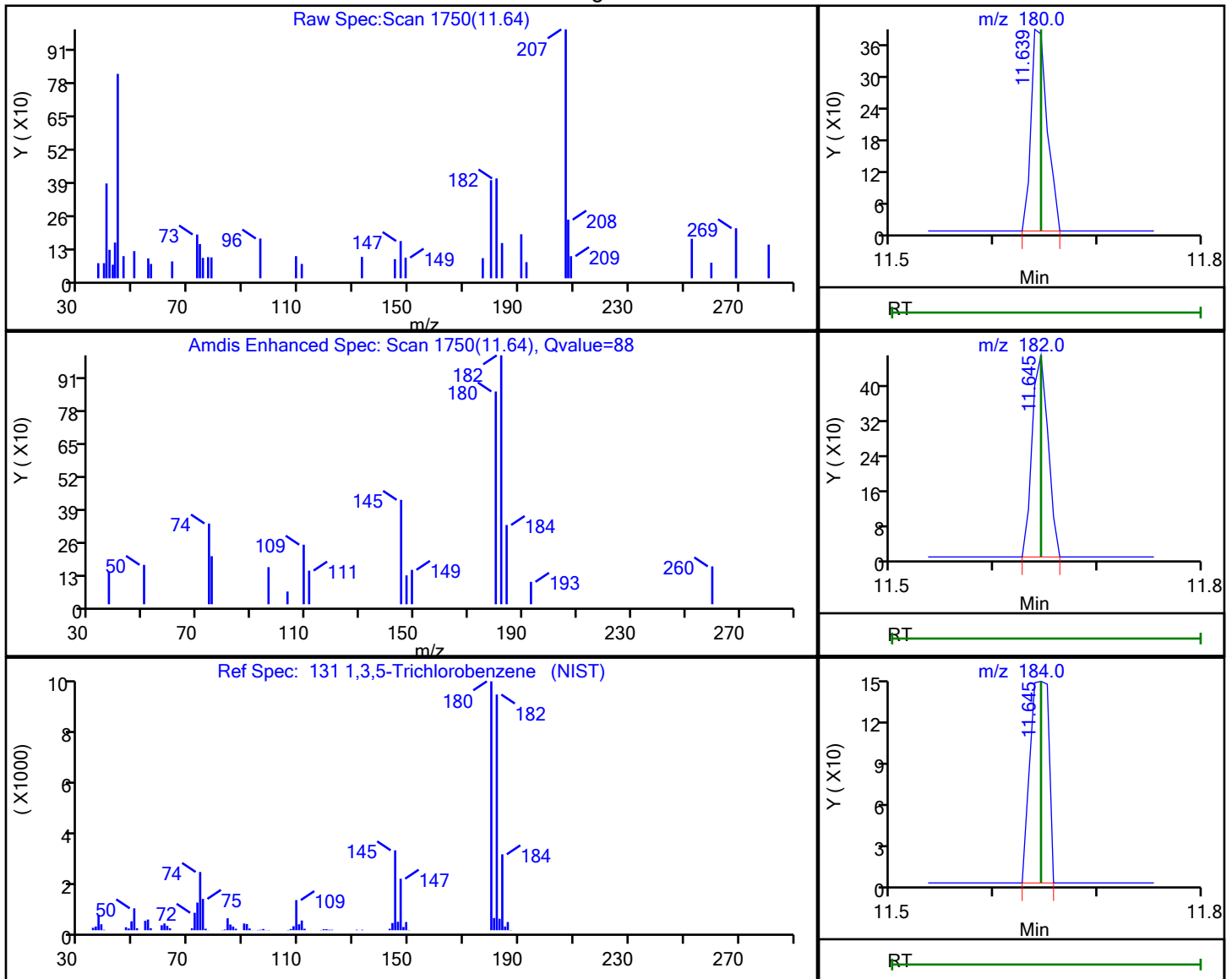
Column: DB-624 (0.18 mm)

Detector

MS Quad

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.64	180.00	424	0.034862
11.64	182.00	500	
11.64	184.00	180	

Reviewer: desais, 10-Sep-2021 08:16:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

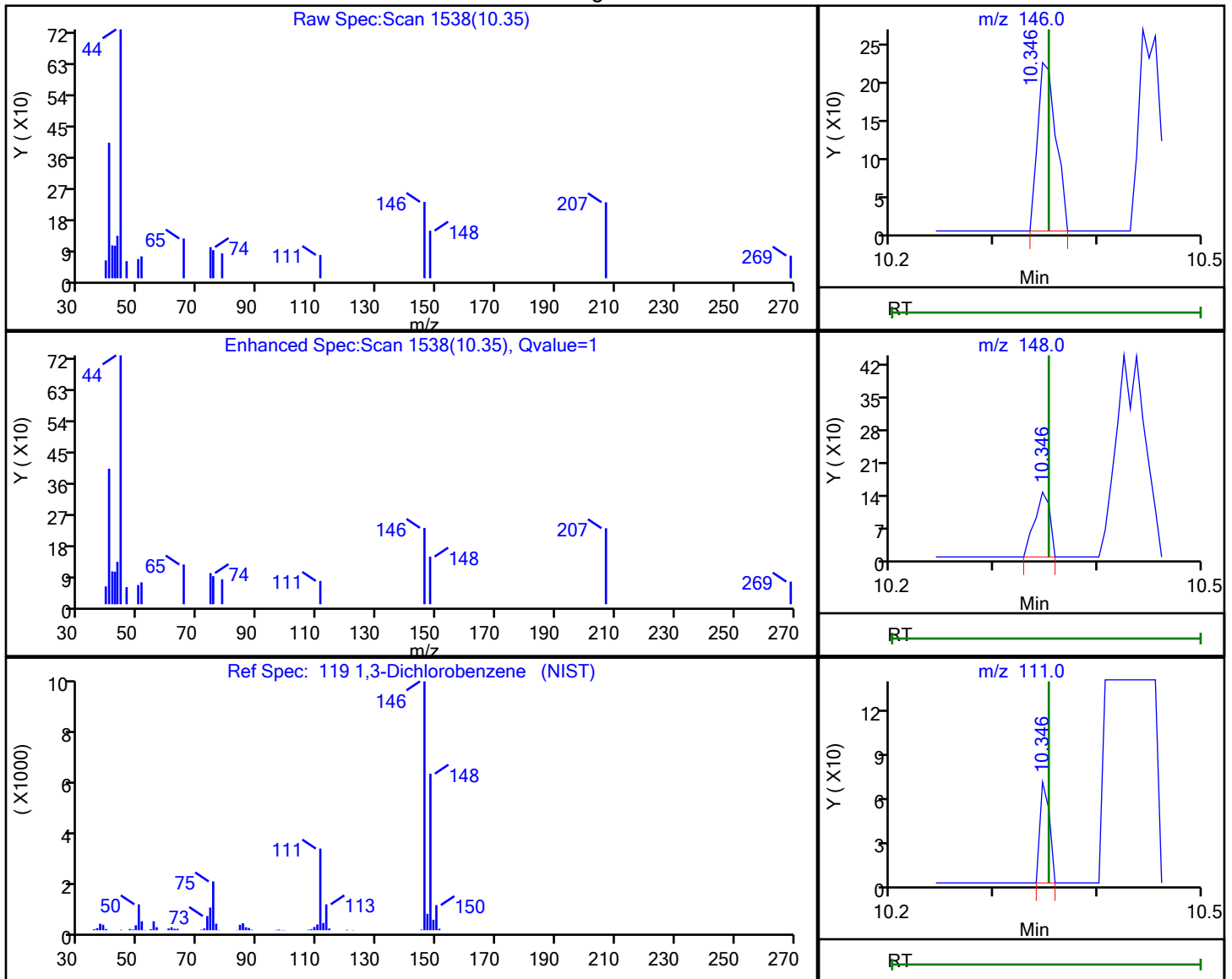
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
10.35	146.00	275	0.029010
10.35	148.00	142	
10.35	111.00	43	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

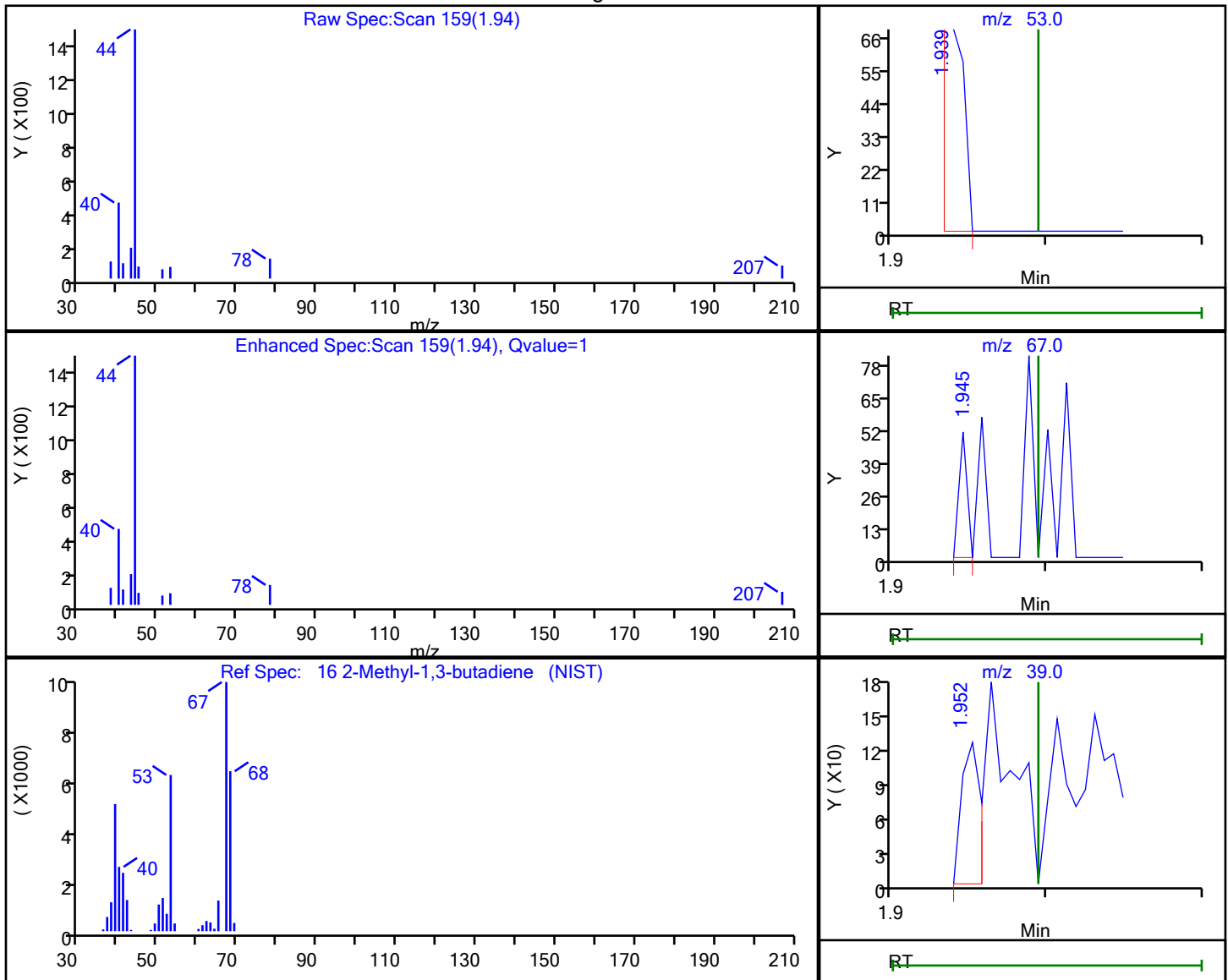
Column: DB-624 (0.18 mm)

Detector

MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.94	53.00	46	0.005219
1.95	67.00	19	
1.95	39.00	108	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

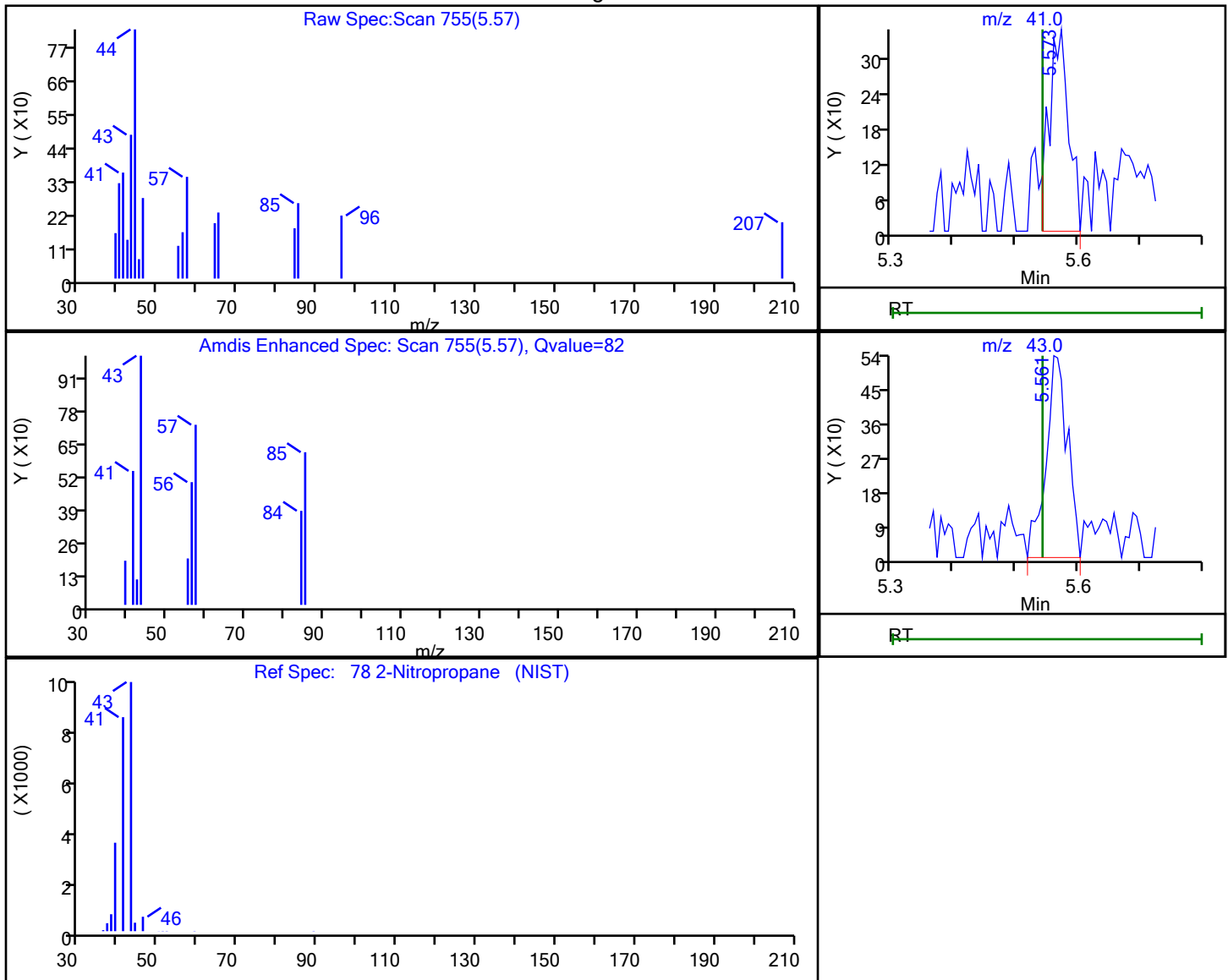
Column: DB-624 (0.18 mm)

Detector

MS Quad

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
5.57	41.00	772	0.844182
5.56	43.00	1301	

Reviewer: desais, 10-Sep-2021 08:16:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

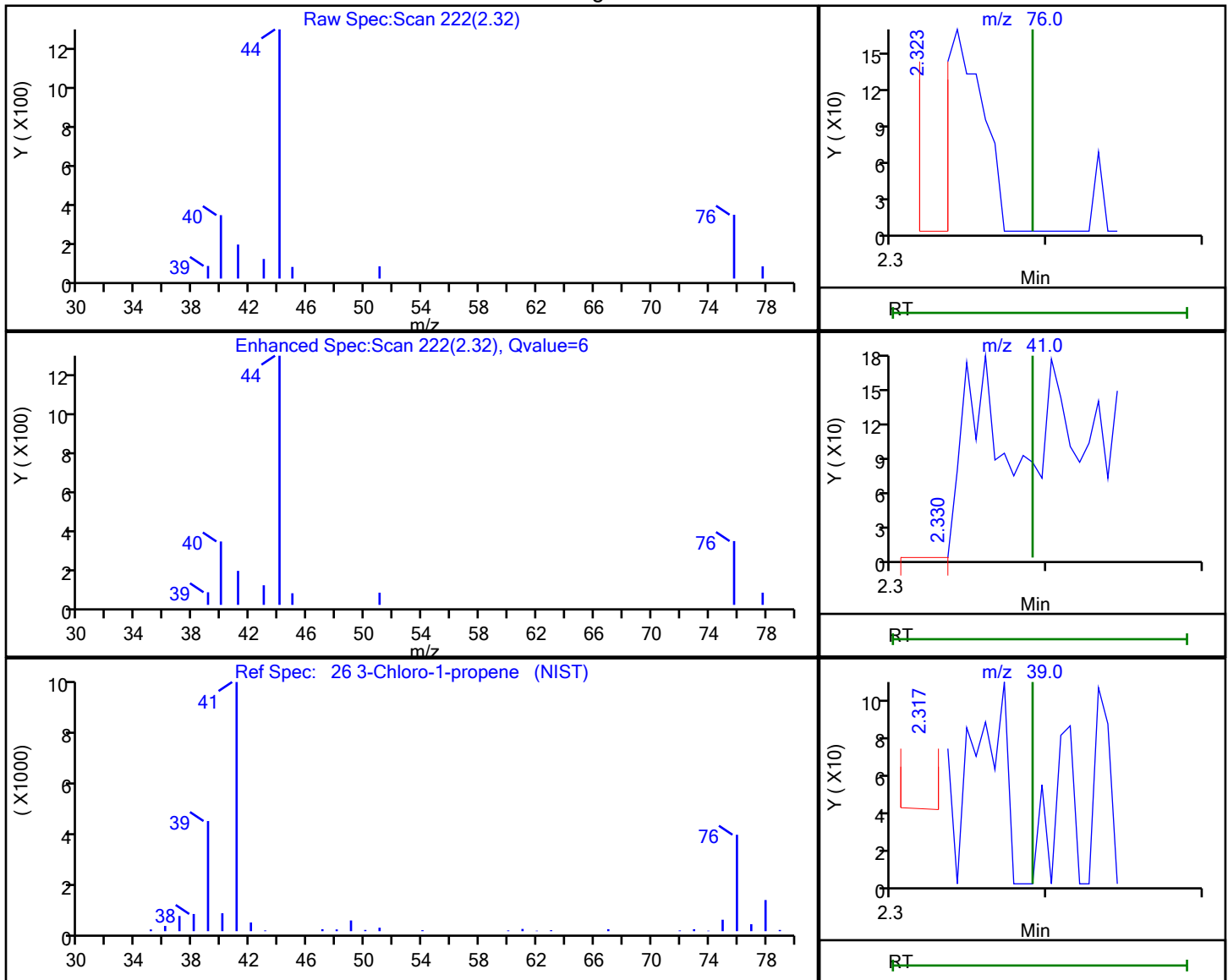
Column: DB-624 (0.18 mm)

Detector

MS Quad

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.32	76.00	313	0.055826
2.33	41.00	262	
2.32	39.00	103	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

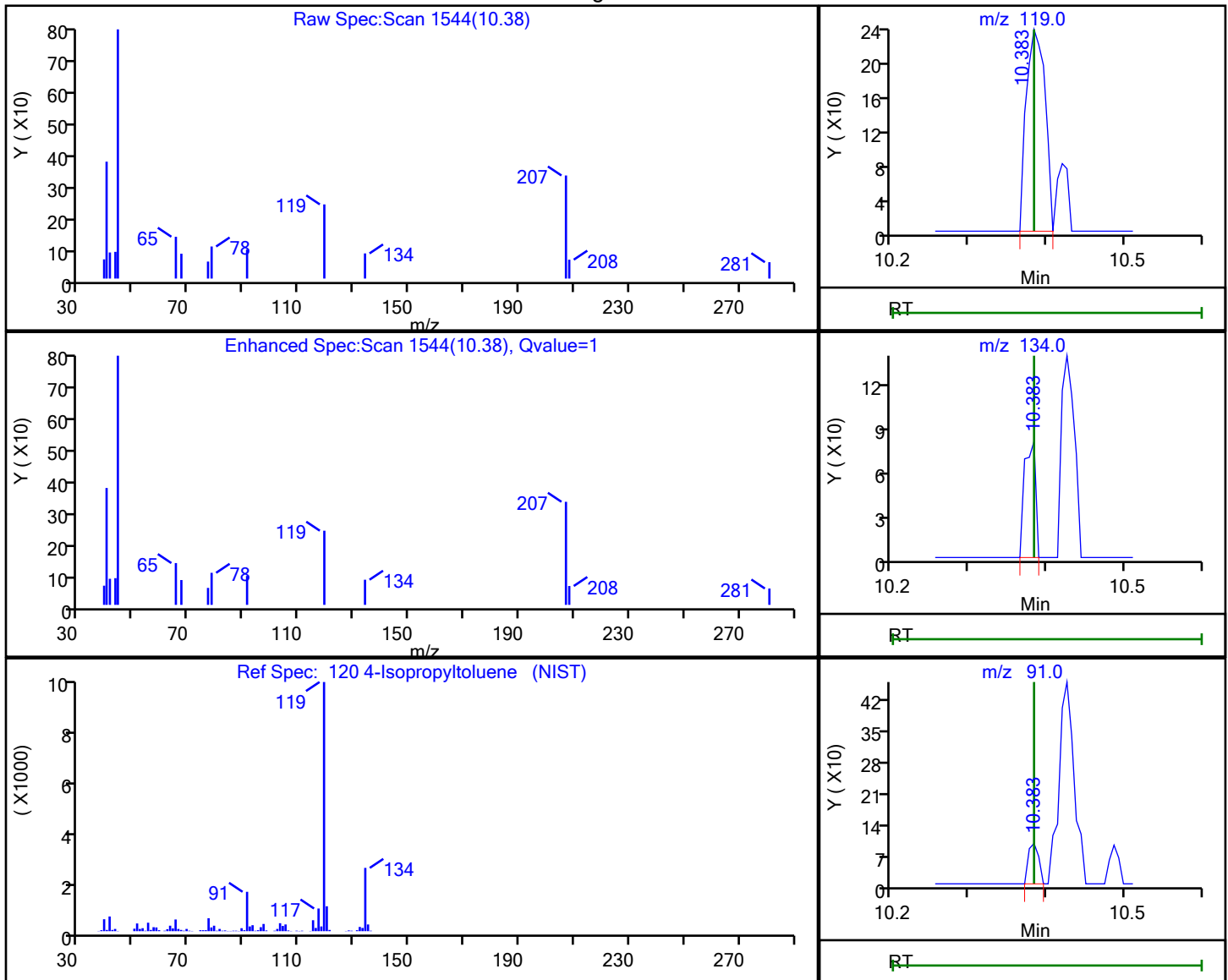
Column: DB-624 (0.18 mm)

Detector

MS Quad

120 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.38	119.00	398	0.018466
10.38	134.00	79	
10.38	91.00	86	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

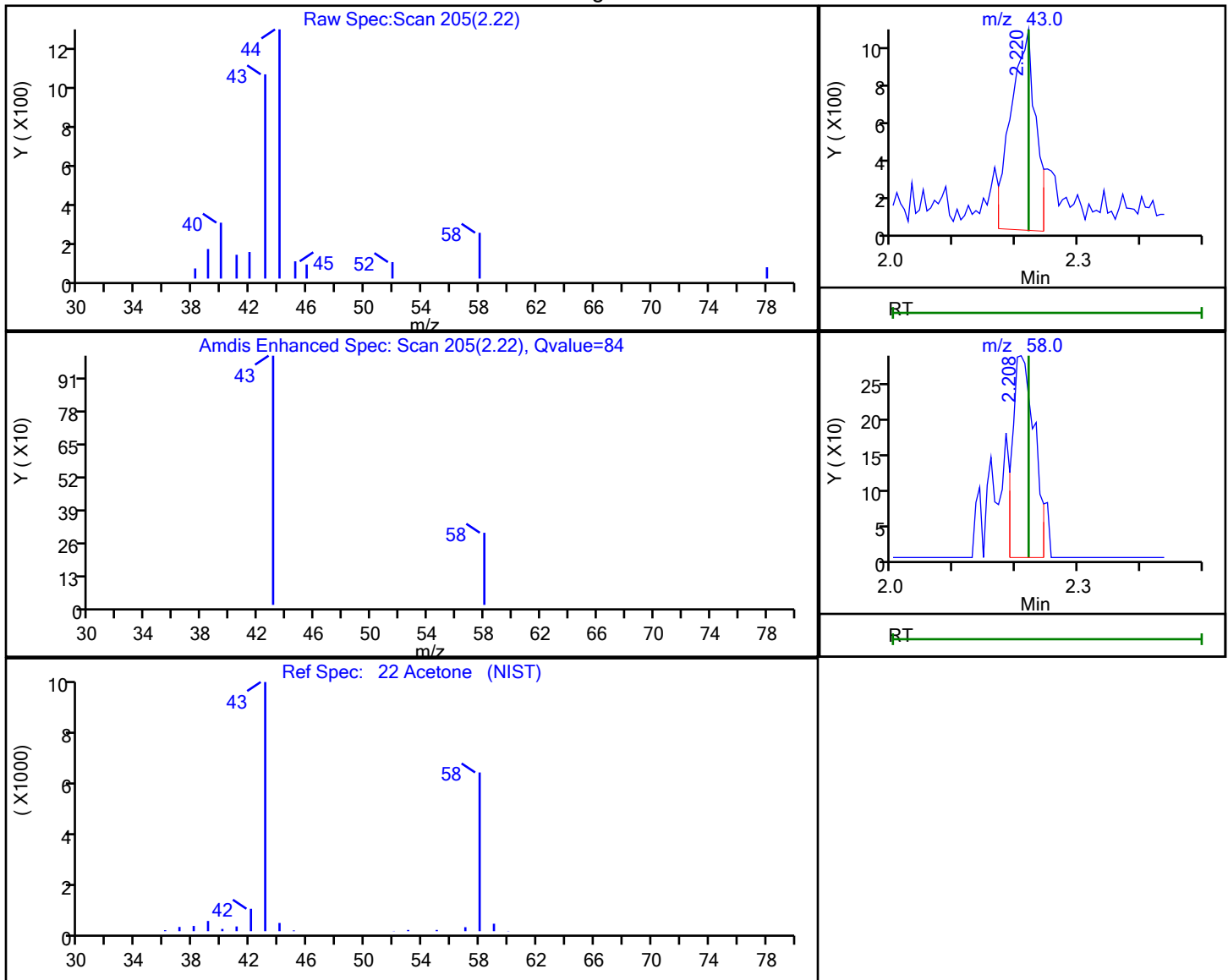
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.22	43.00	2853	0.748216
2.21	58.00	712	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

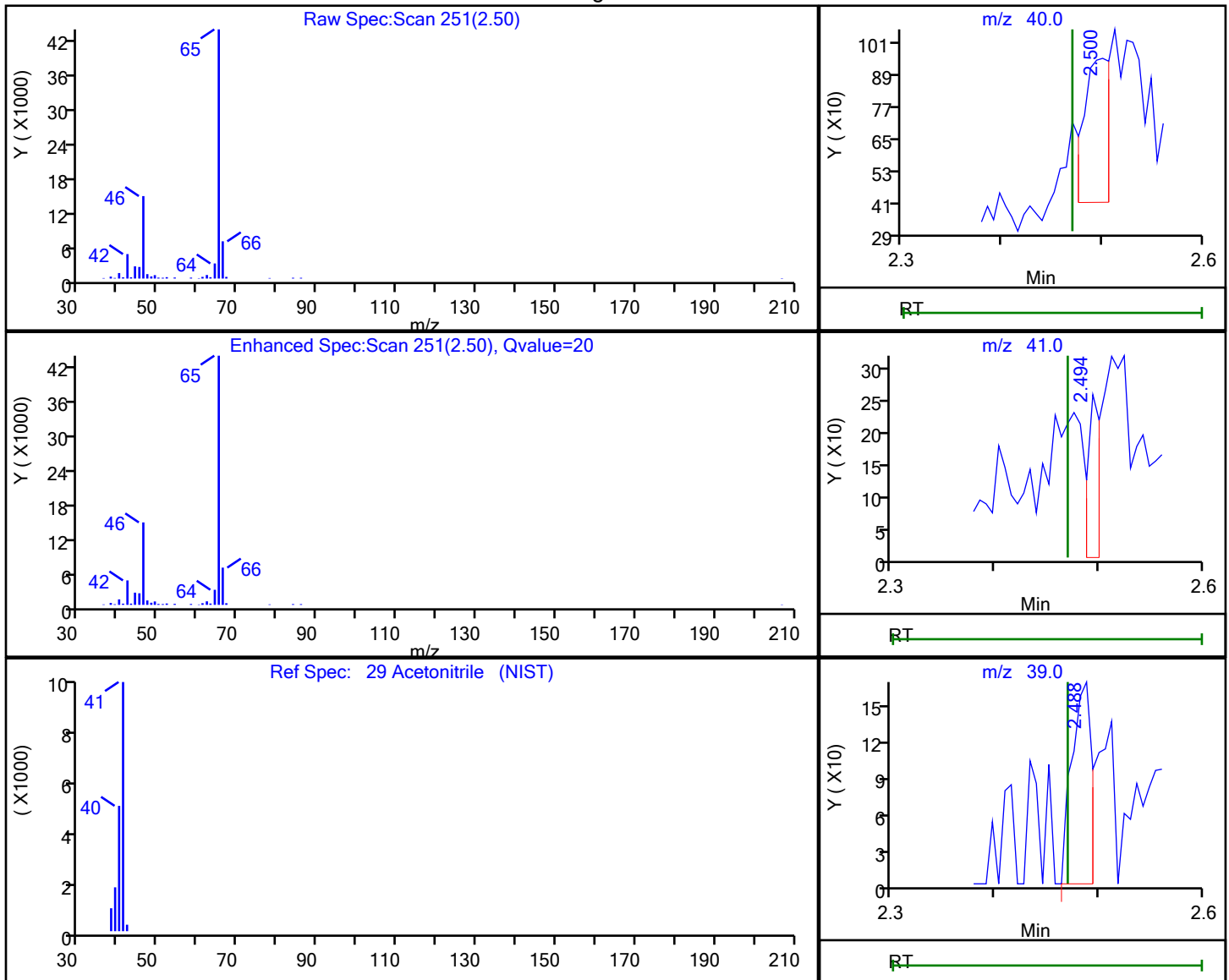
Column: DB-624 (0.18 mm)

Detector

MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.50	40.00	985	
2.49	41.00	216	0.224434
2.49	39.00	228	
2.51	38.00	905	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

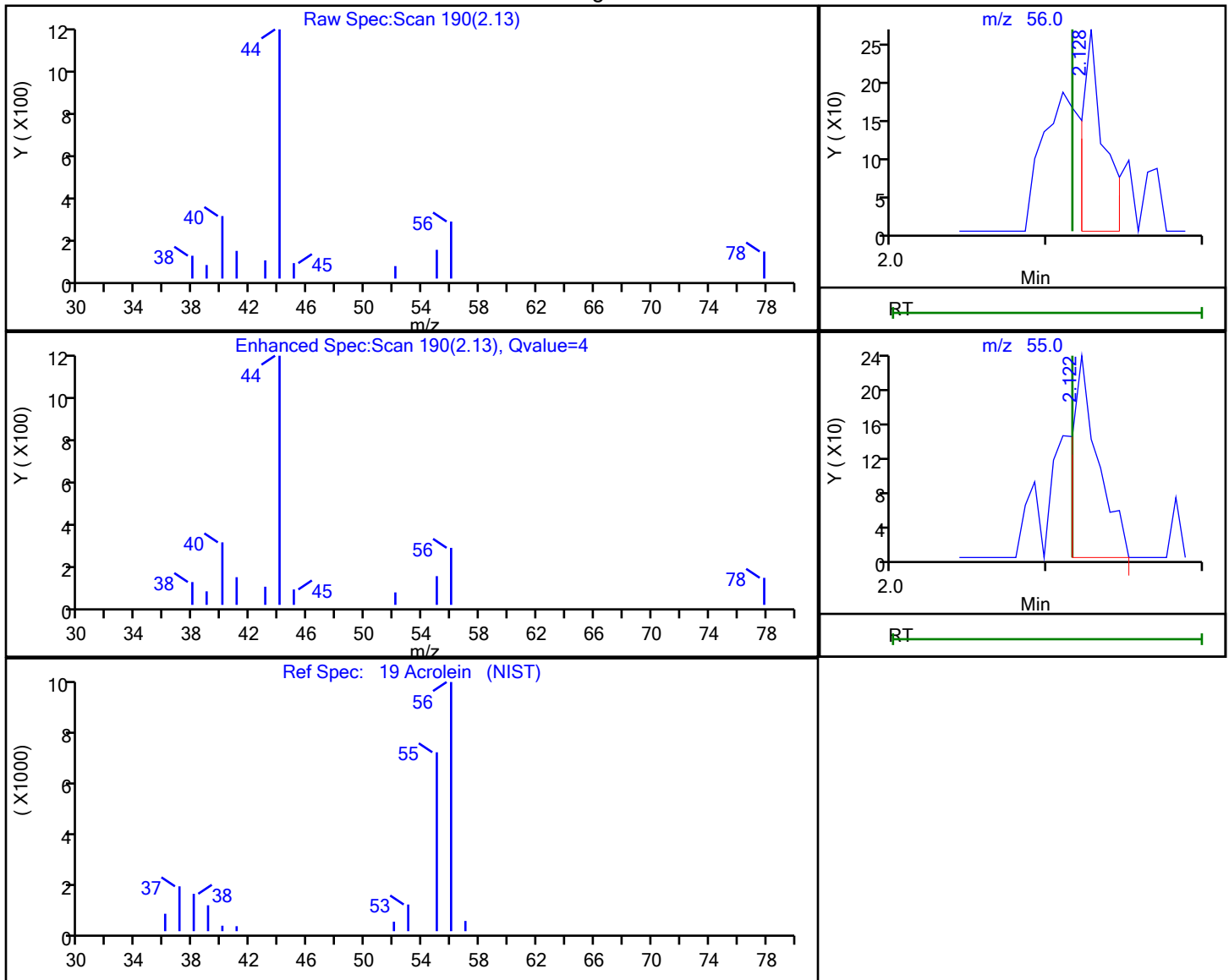
Column: DB-624 (0.18 mm)

Detector

MS Quad

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.13	56.00	260	0.468509
2.12	55.00	262	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

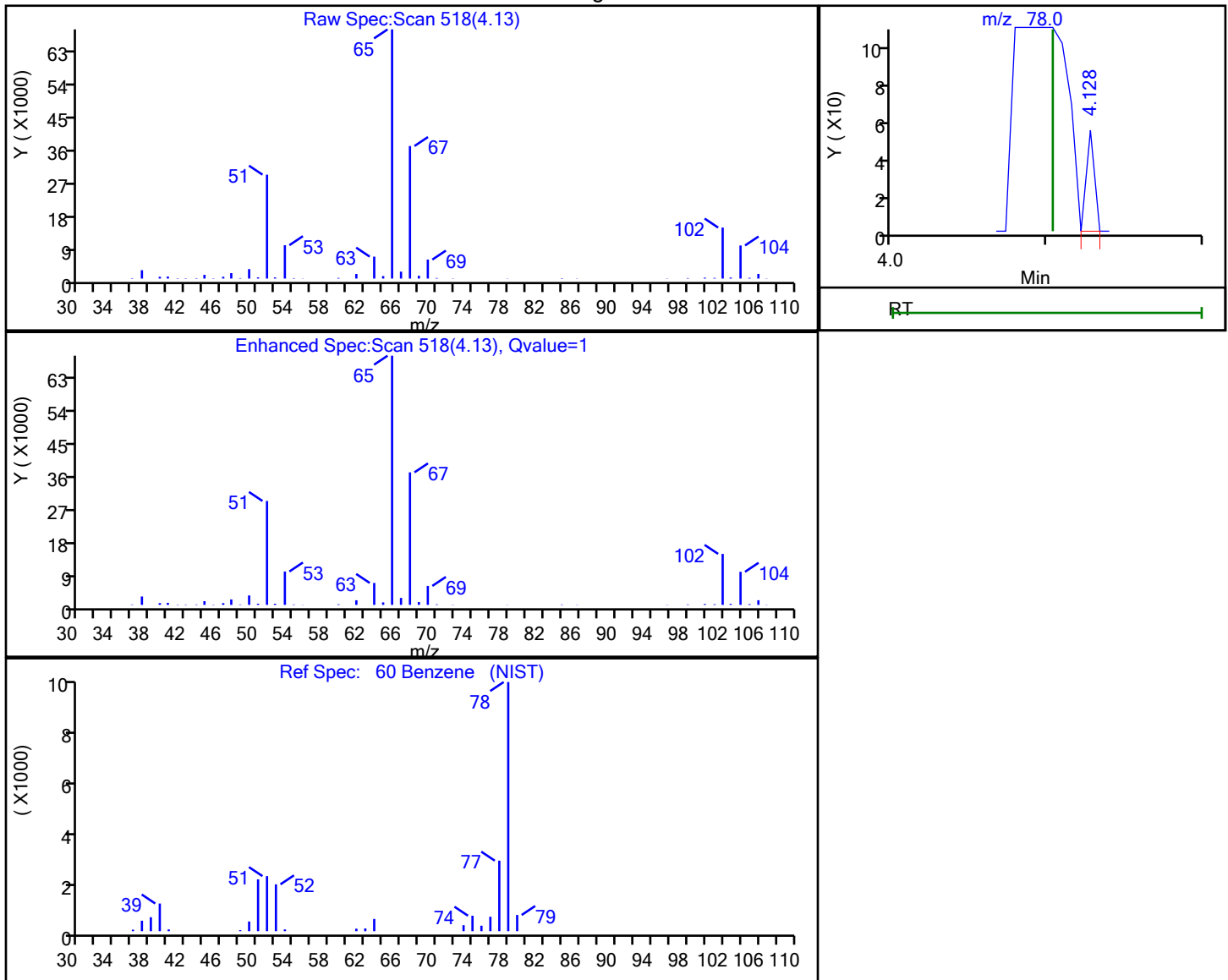
Column: DB-624 (0.18 mm)

Detector

MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.13	78.00	19	0.000833

Reviewer: desais, 10-Sep-2021 08:16:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

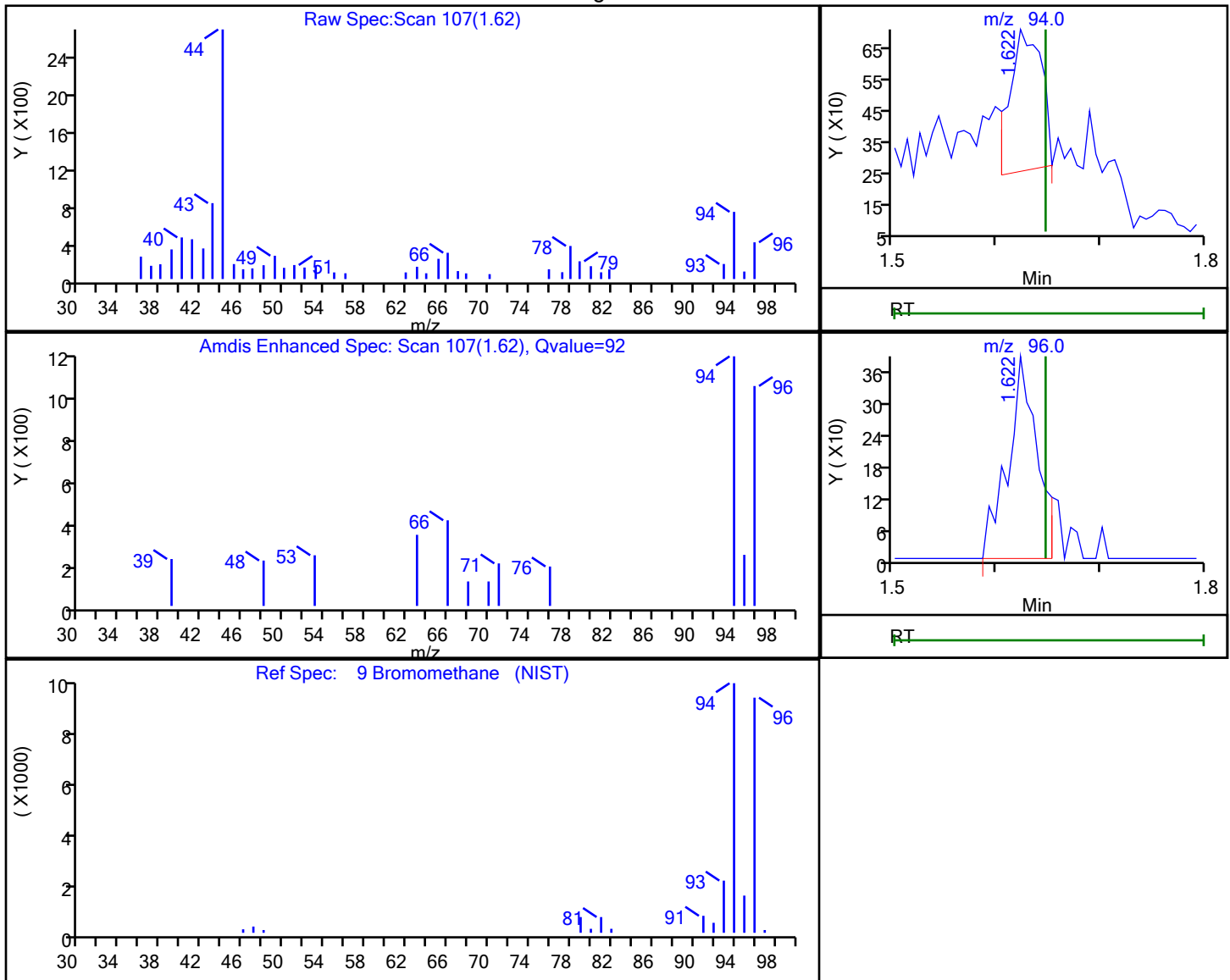
Column: DB-624 (0.18 mm)

Detector

MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.62	94.00	969	0.395493
1.62	96.00	761	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

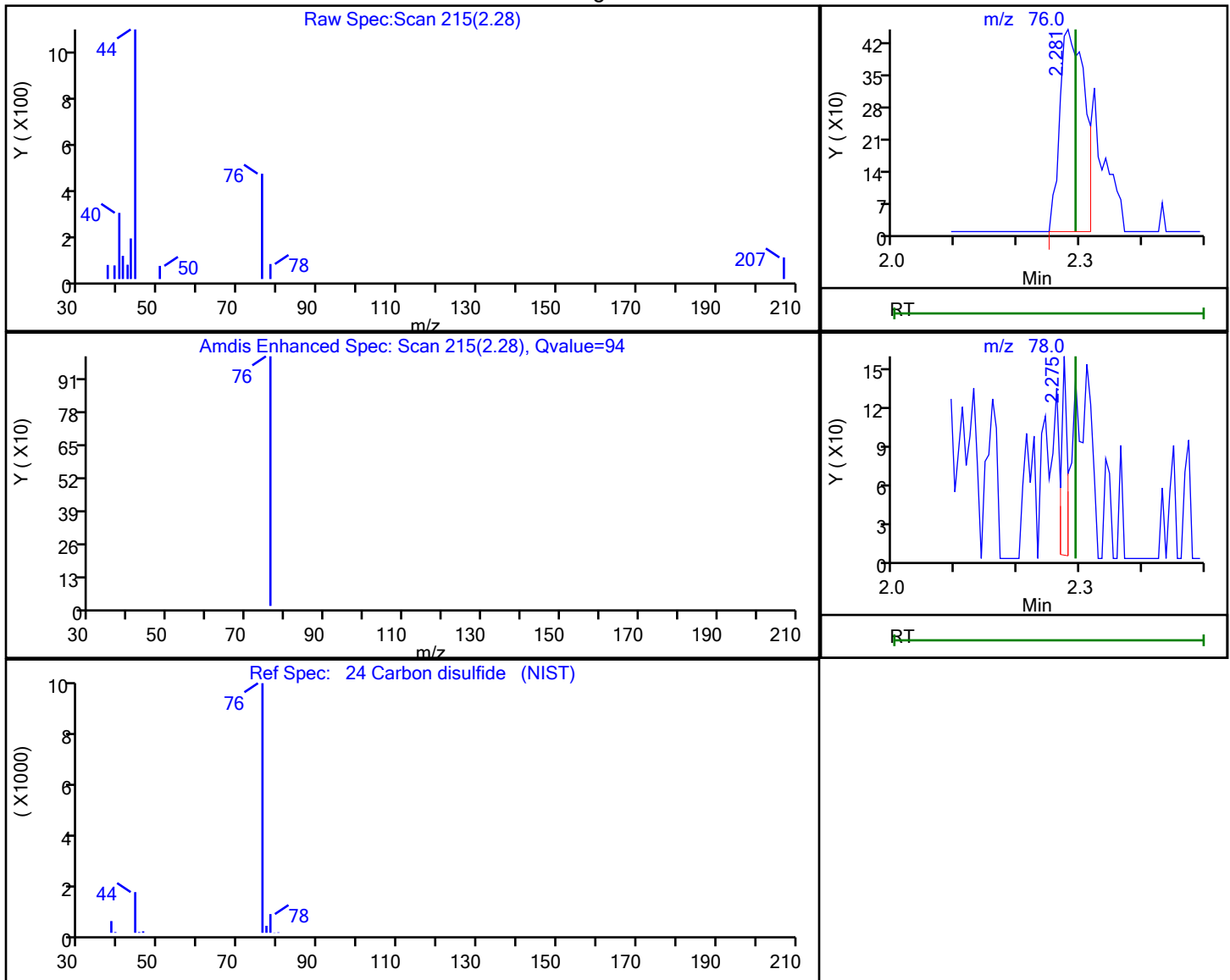
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.28	76.00	1258	0.030939
2.27	78.00	96	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

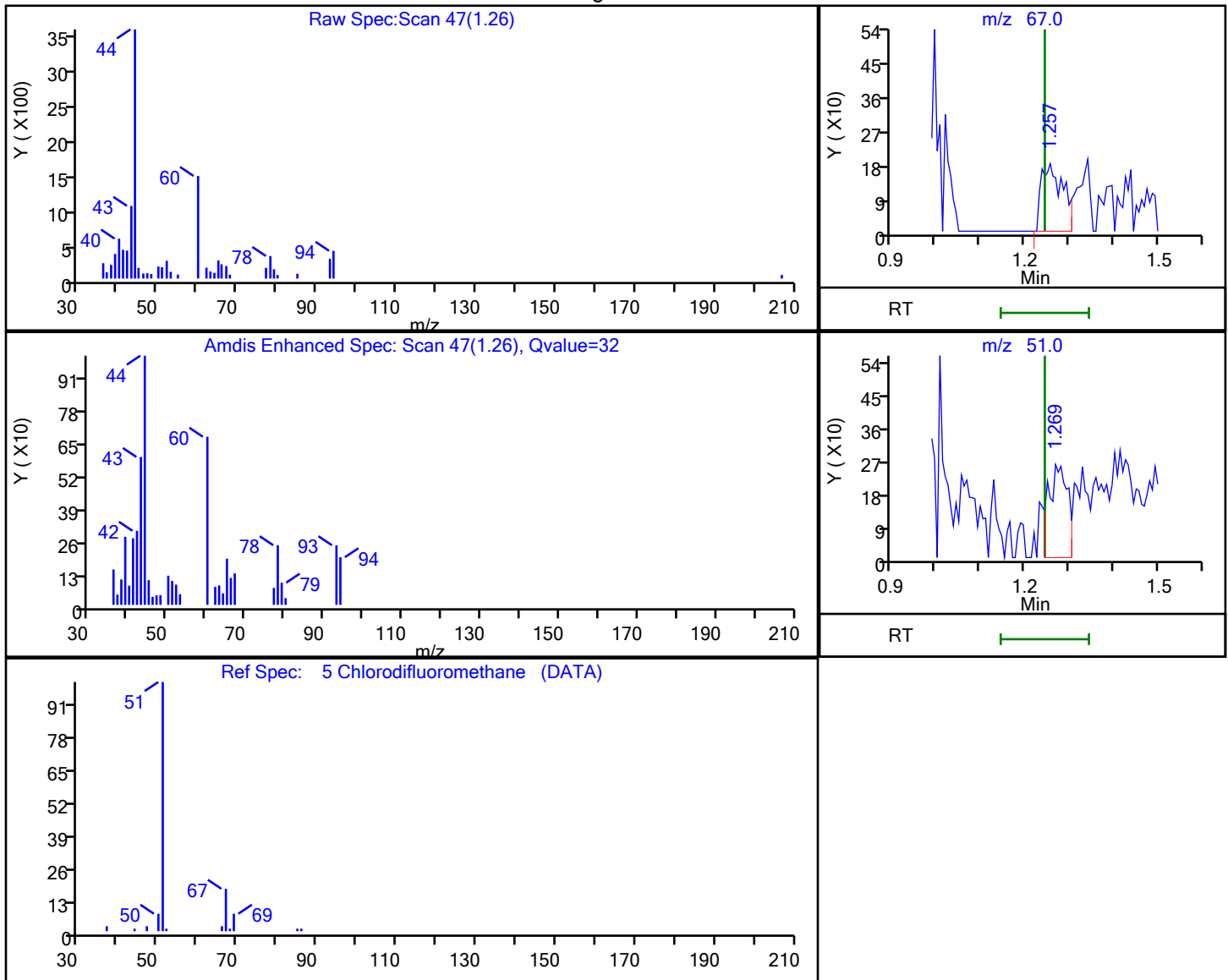
Column: DB-624 (0.18 mm)

Detector

MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.26	67.00	614	0.627833
1.27	51.00	759	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

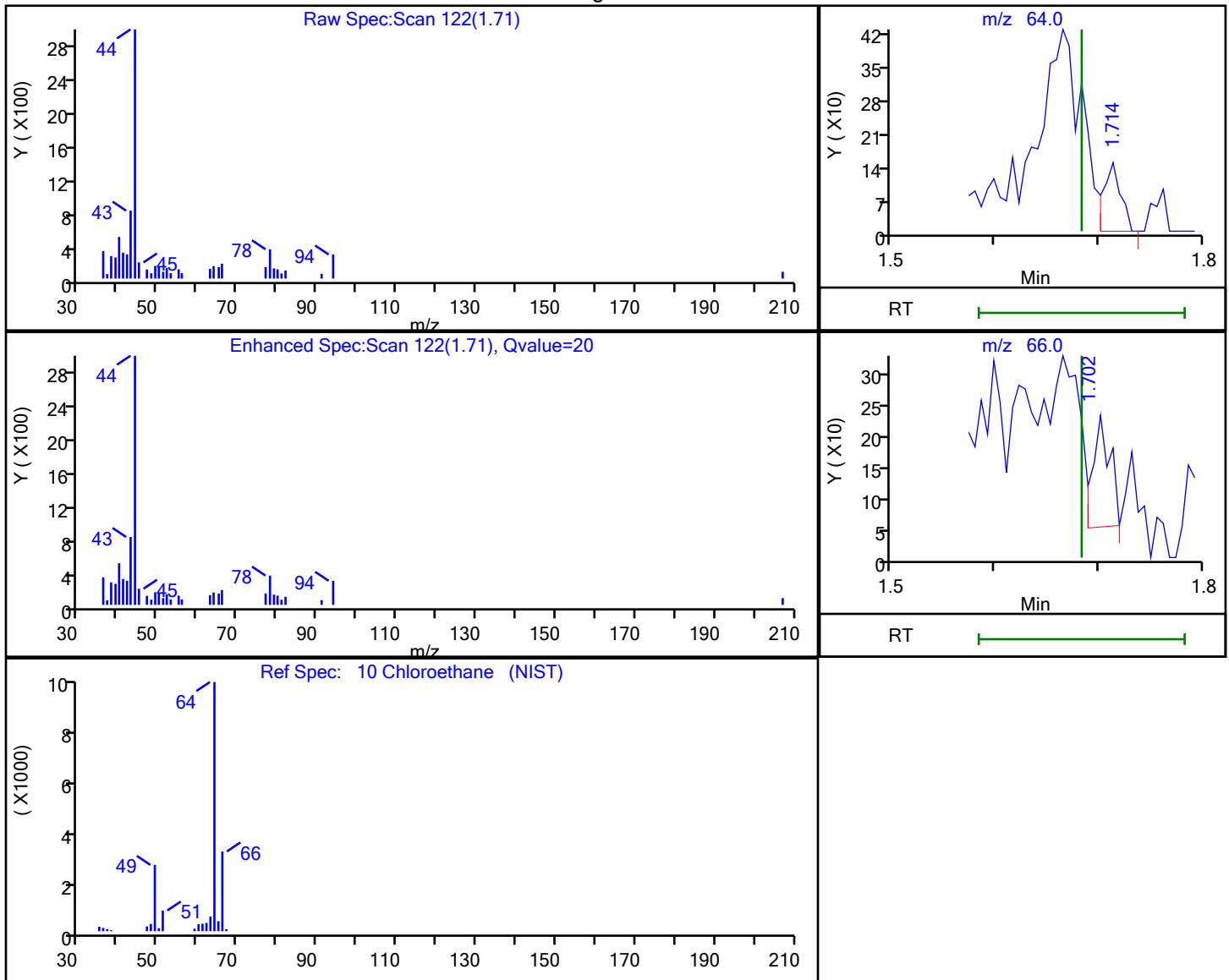
Column: DB-624 (0.18 mm)

Detector

MS Quad

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.71	64.00	169	0.240089
1.70	66.00	207	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

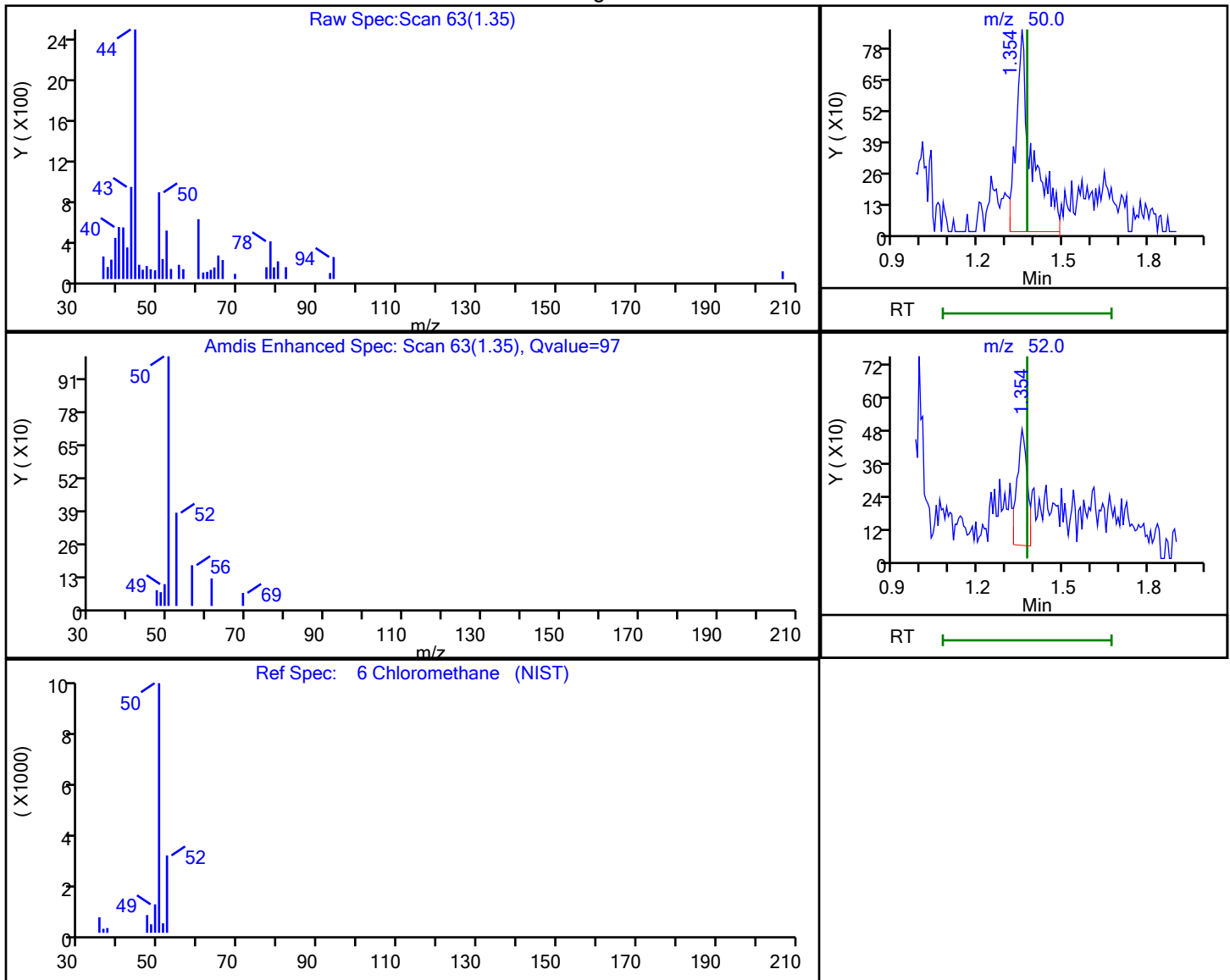
Column: DB-624 (0.18 mm)

Detector

MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.35	50.00	3336	0.209225
1.35	52.00	1064	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

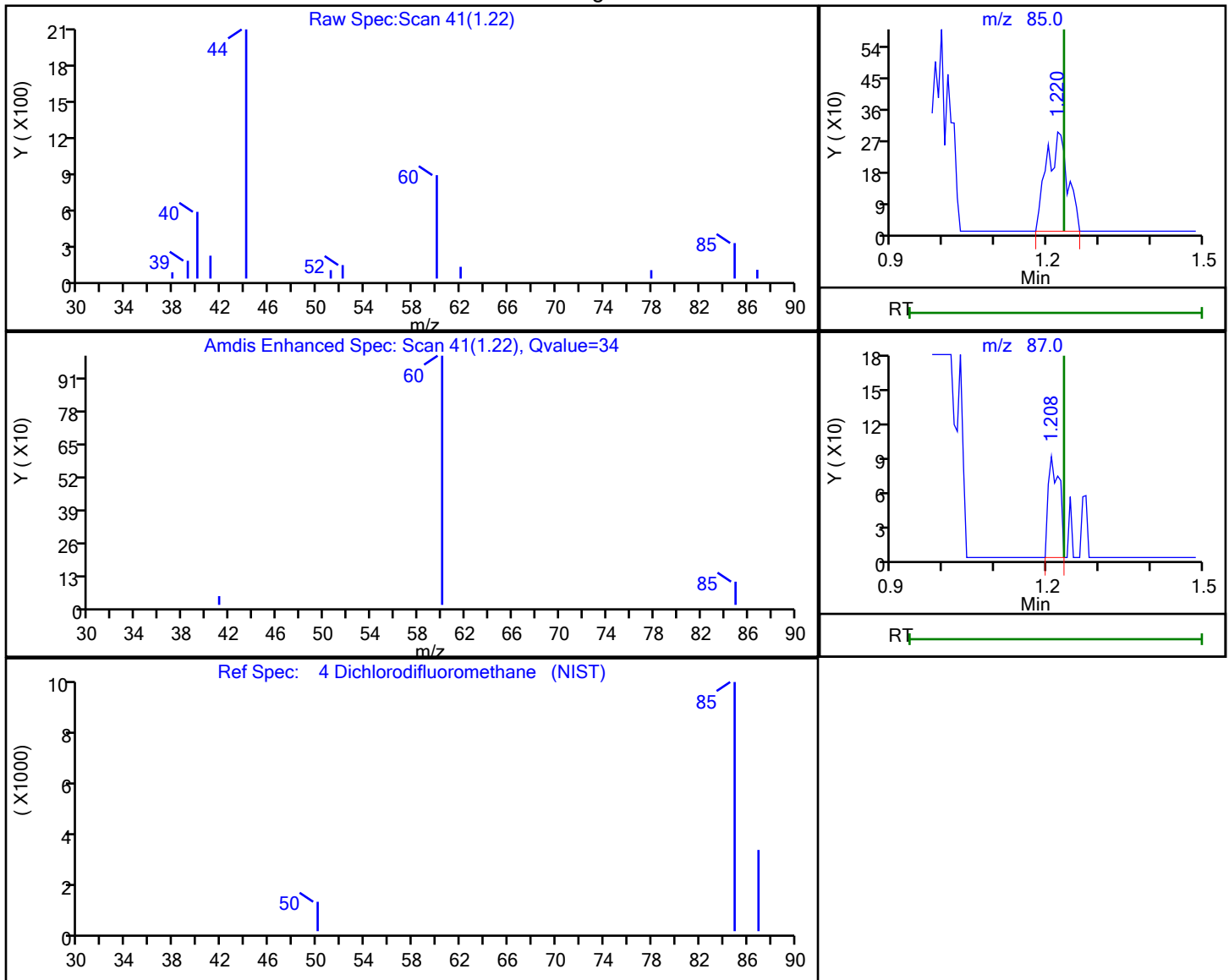
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

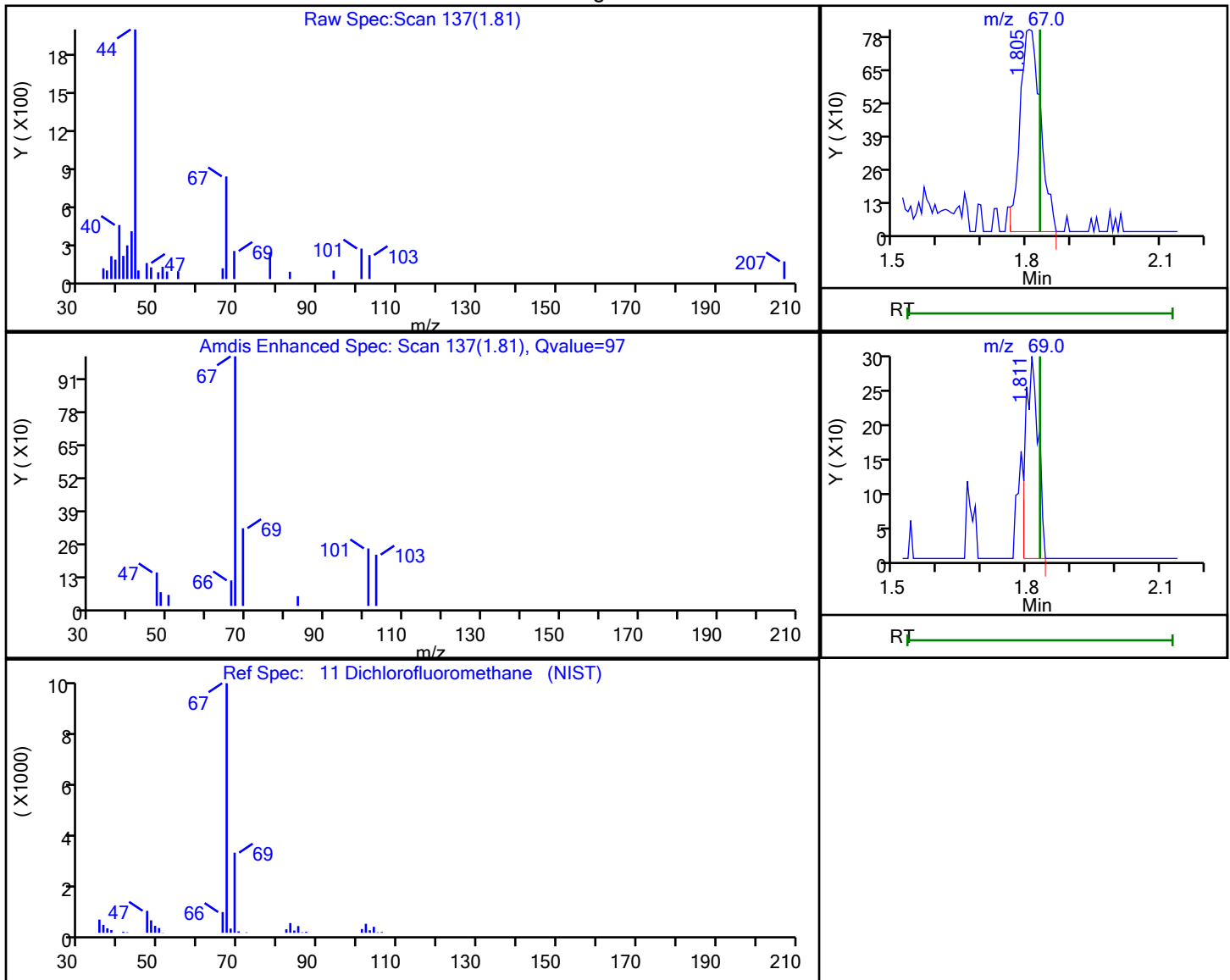
Column: DB-624 (0.18 mm)

Detector

MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.81	67.00	2560	0.229786
1.81	69.00	568	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

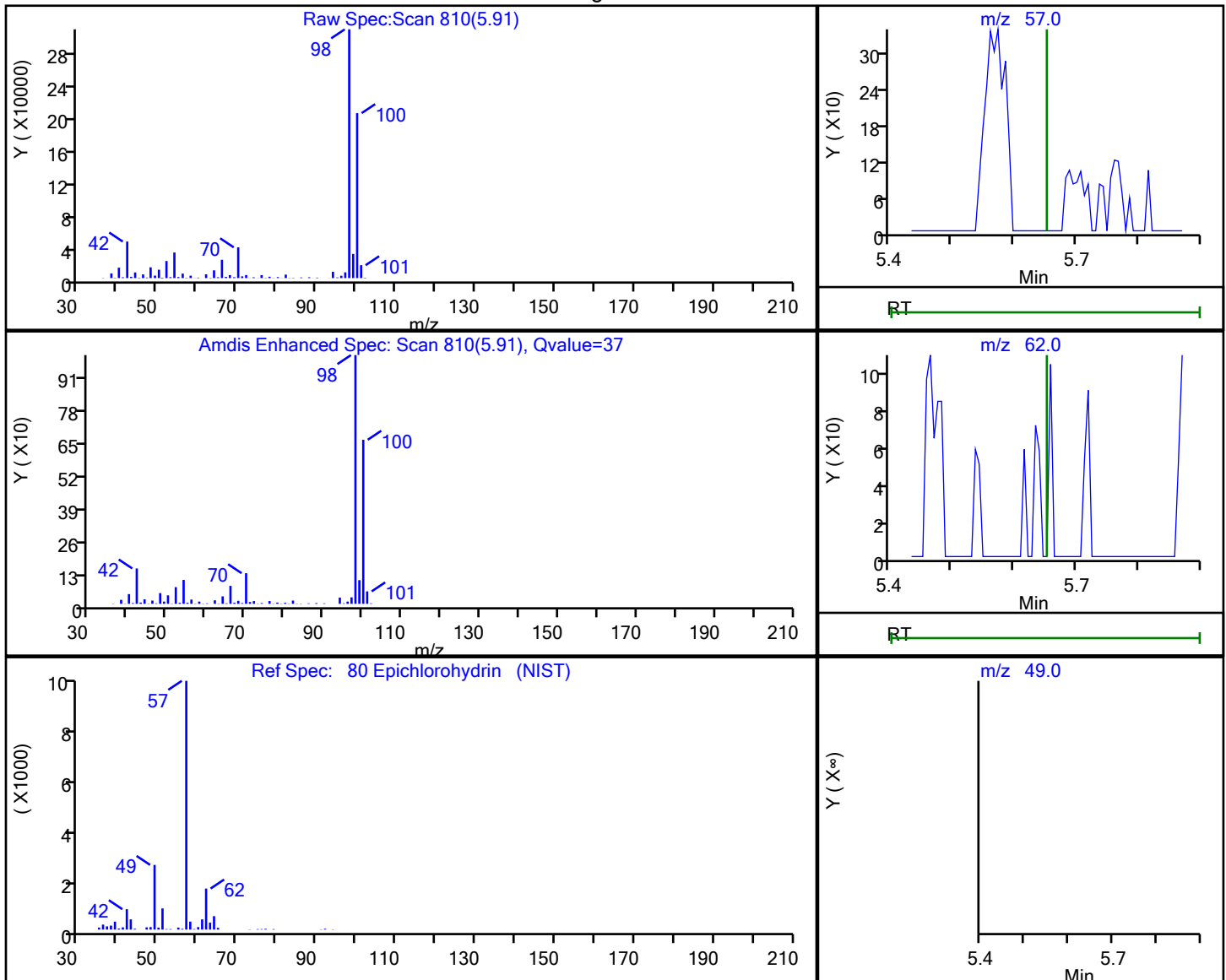
Column: DB-624 (0.18 mm)

Detector

MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Processing Results



RT	Mass	Response	Amount
5.91	57.00	823	1.844233
5.91	62.00	8939	
5.91	49.00	5719	

Reviewer: baronm, 10-Sep-2021 17:57:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

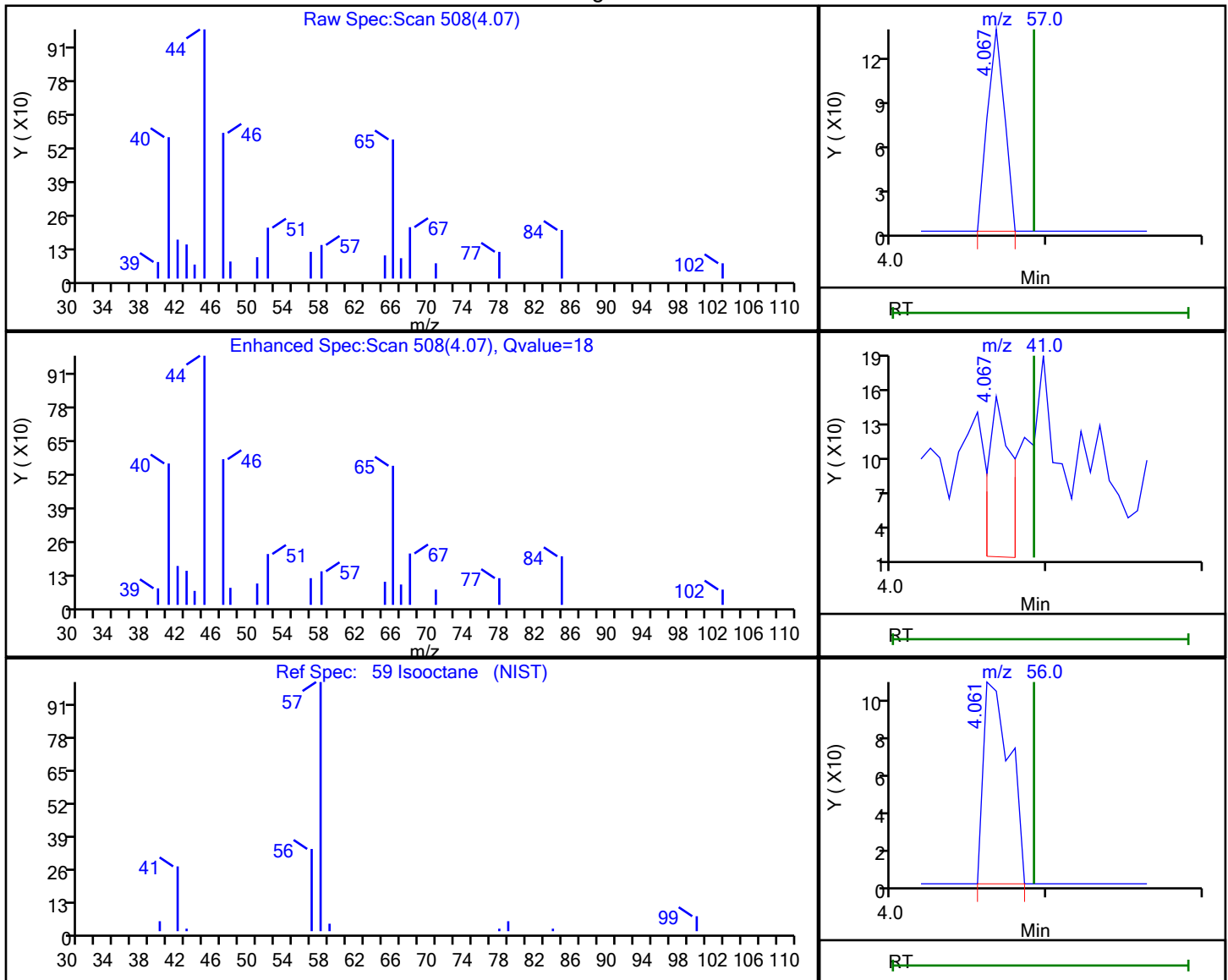
Column: DB-624 (0.18 mm)

Detector

MS Quad

59 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.07	57.00	101	0.004857
4.07	41.00	138	
4.06	56.00	130	

Reviewer: desais, 10-Sep-2021 08:16:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

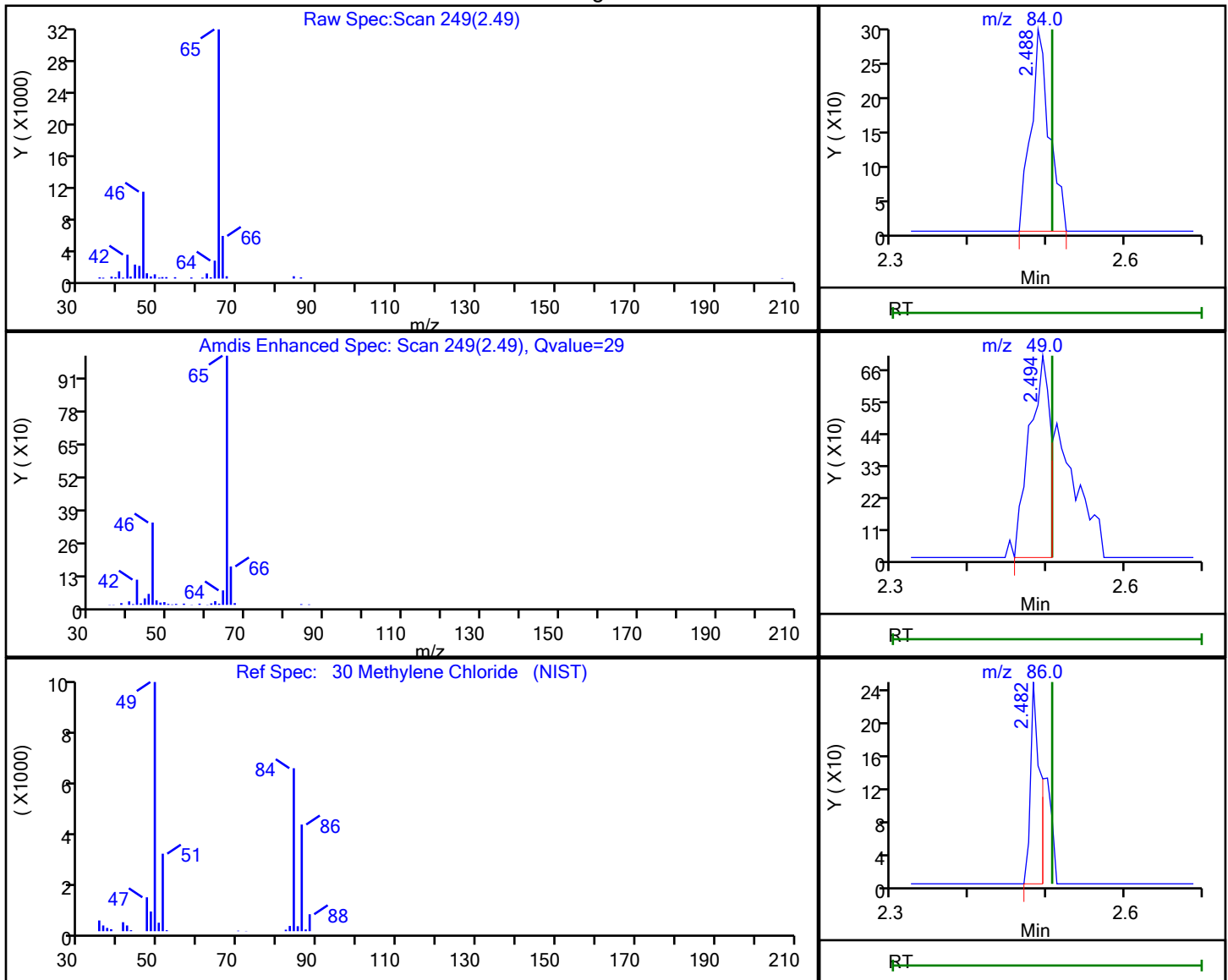
Column: DB-624 (0.18 mm)

Detector

MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.49	84.00	483	0.040031
2.49	49.00	1323	
2.48	86.00	210	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

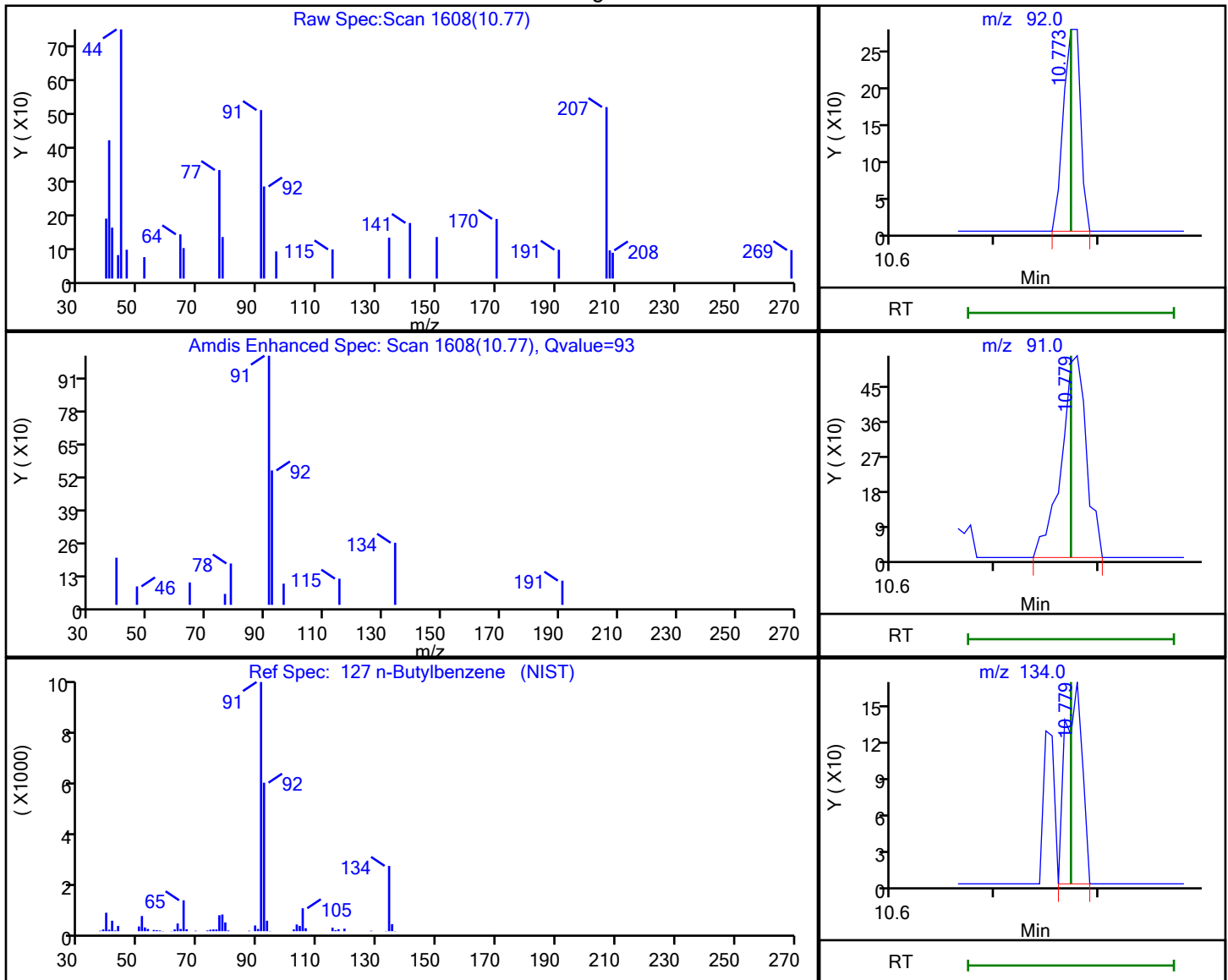
Column: DB-624 (0.18 mm)

Detector

MS Quad

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
10.77	92.00	317	0.032906
10.78	91.00	881	
10.78	134.00	186	

Reviewer: desais, 10-Sep-2021 08:16:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

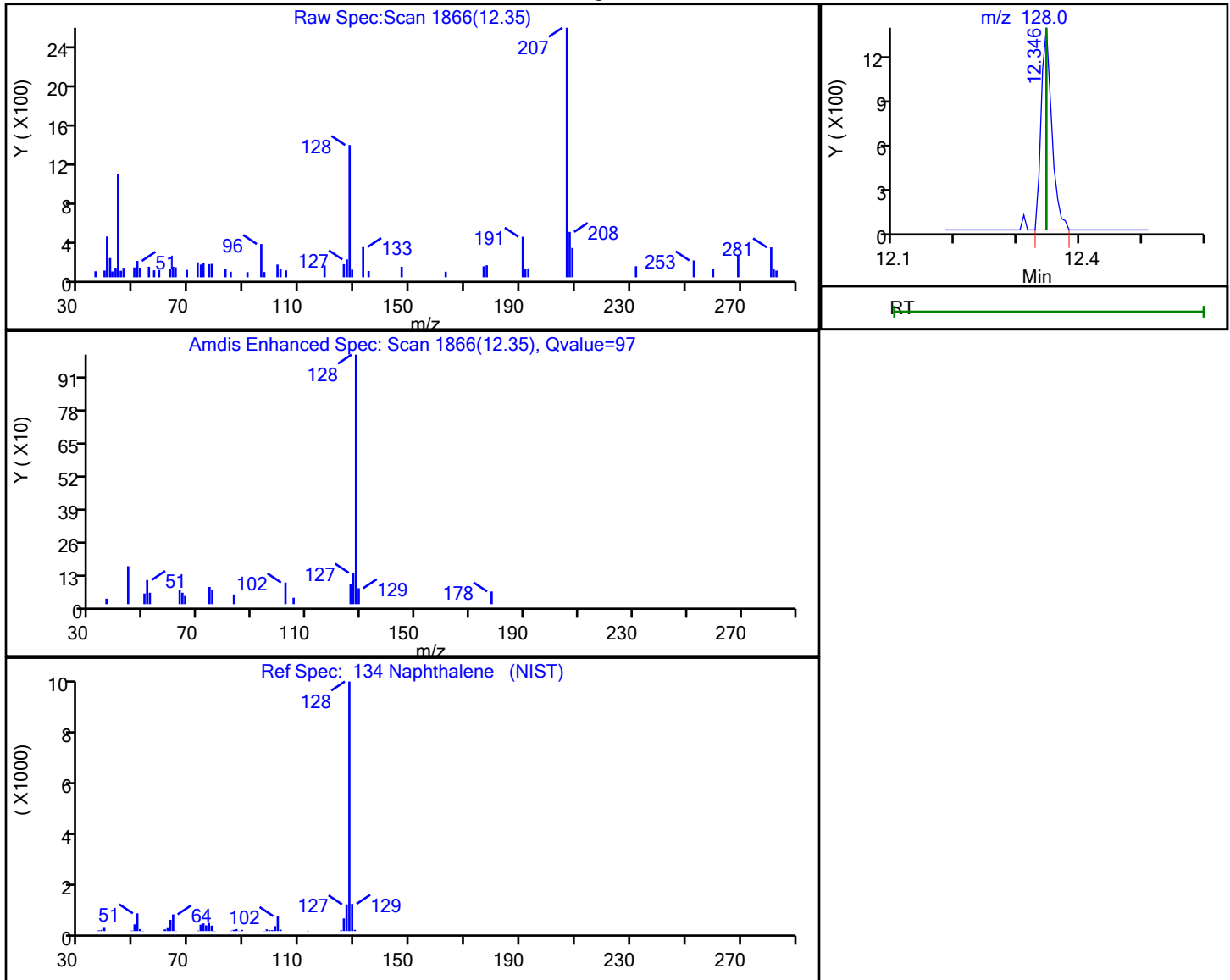
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.35	128.00	1616	0.098219

Reviewer: desais, 10-Sep-2021 08:16:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

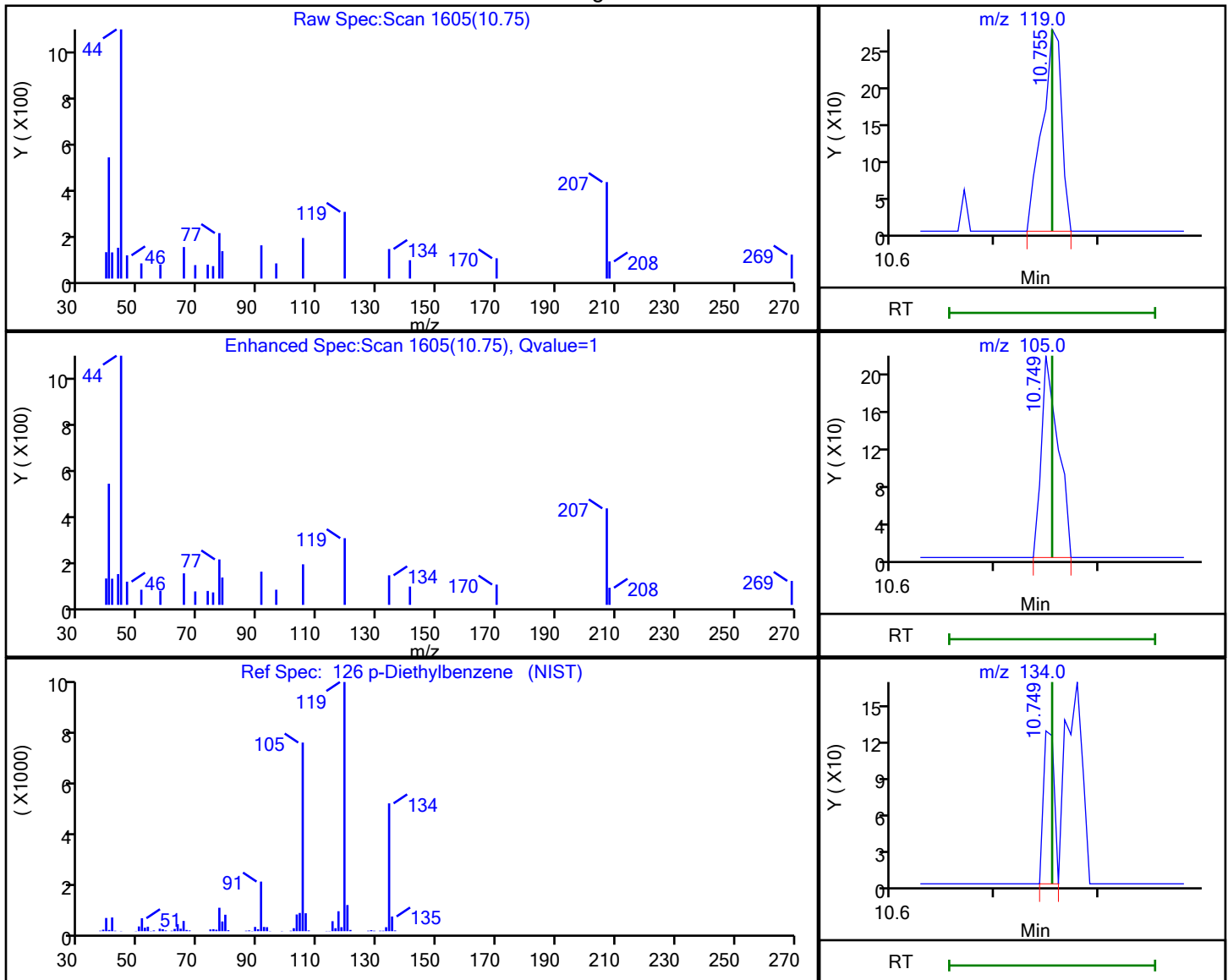
Column: DB-624 (0.18 mm)

Detector

MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.75	119.00	355	0.040706
10.75	105.00	243	
10.75	134.00	90	

Reviewer: desais, 10-Sep-2021 08:16:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

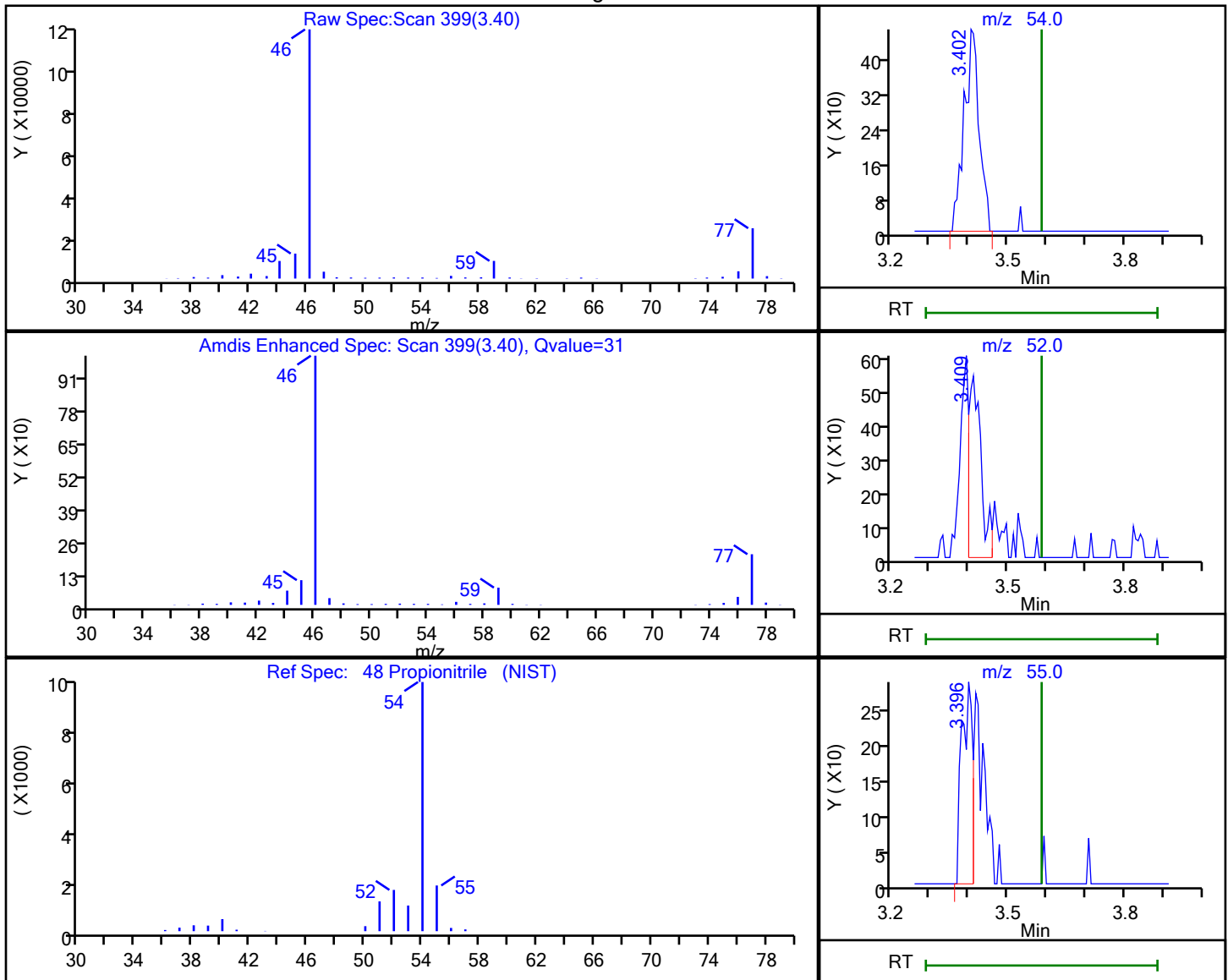
Column: DB-624 (0.18 mm)

Detector

MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.40	54.00	1258	7.403302
3.41	52.00	1206	
3.40	55.00	561	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

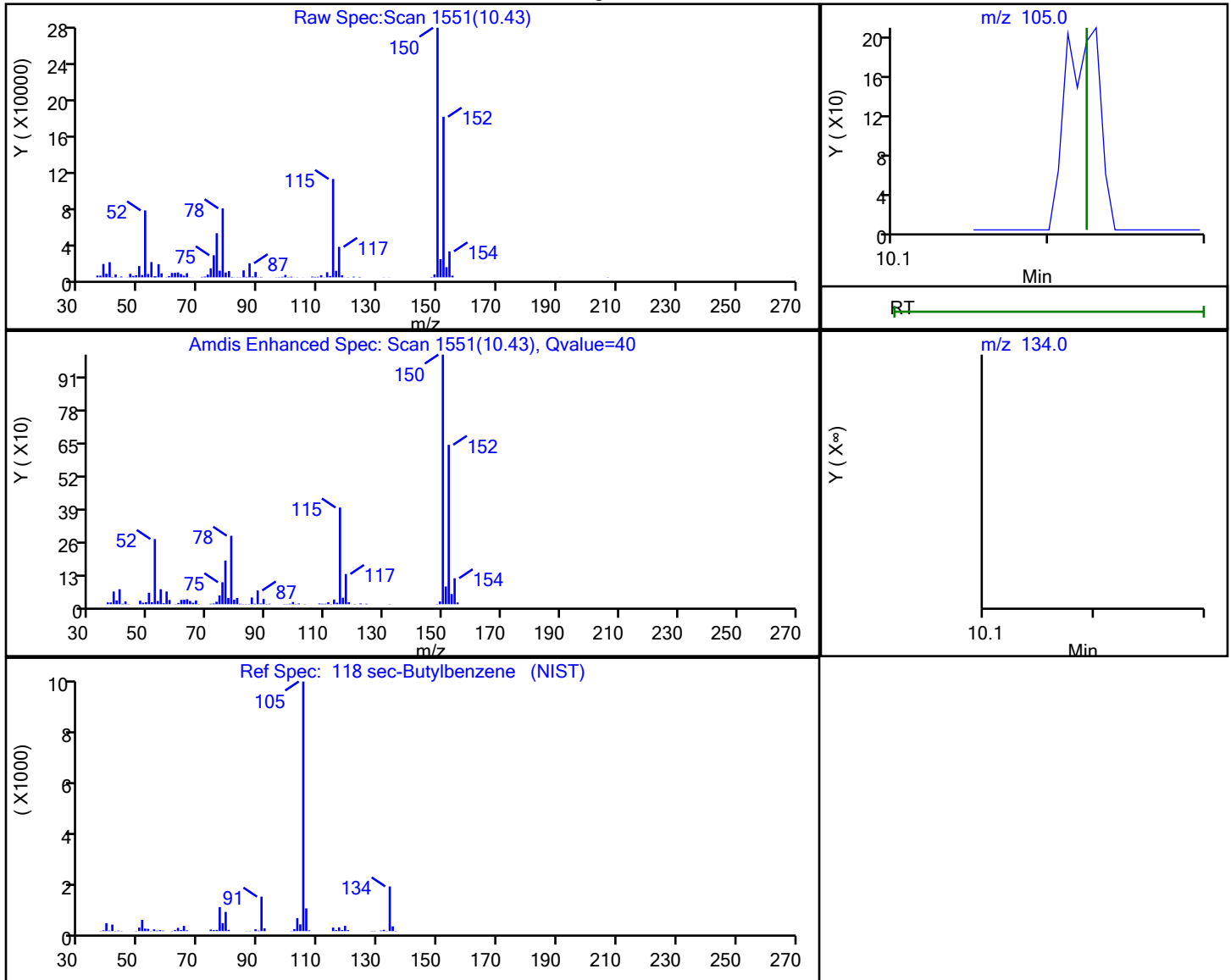
Column: DB-624 (0.18 mm)

Detector

MS Quad

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.43	105.00	97	0.005163
10.43	134.00	160	

Reviewer: desais, 10-Sep-2021 08:16:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

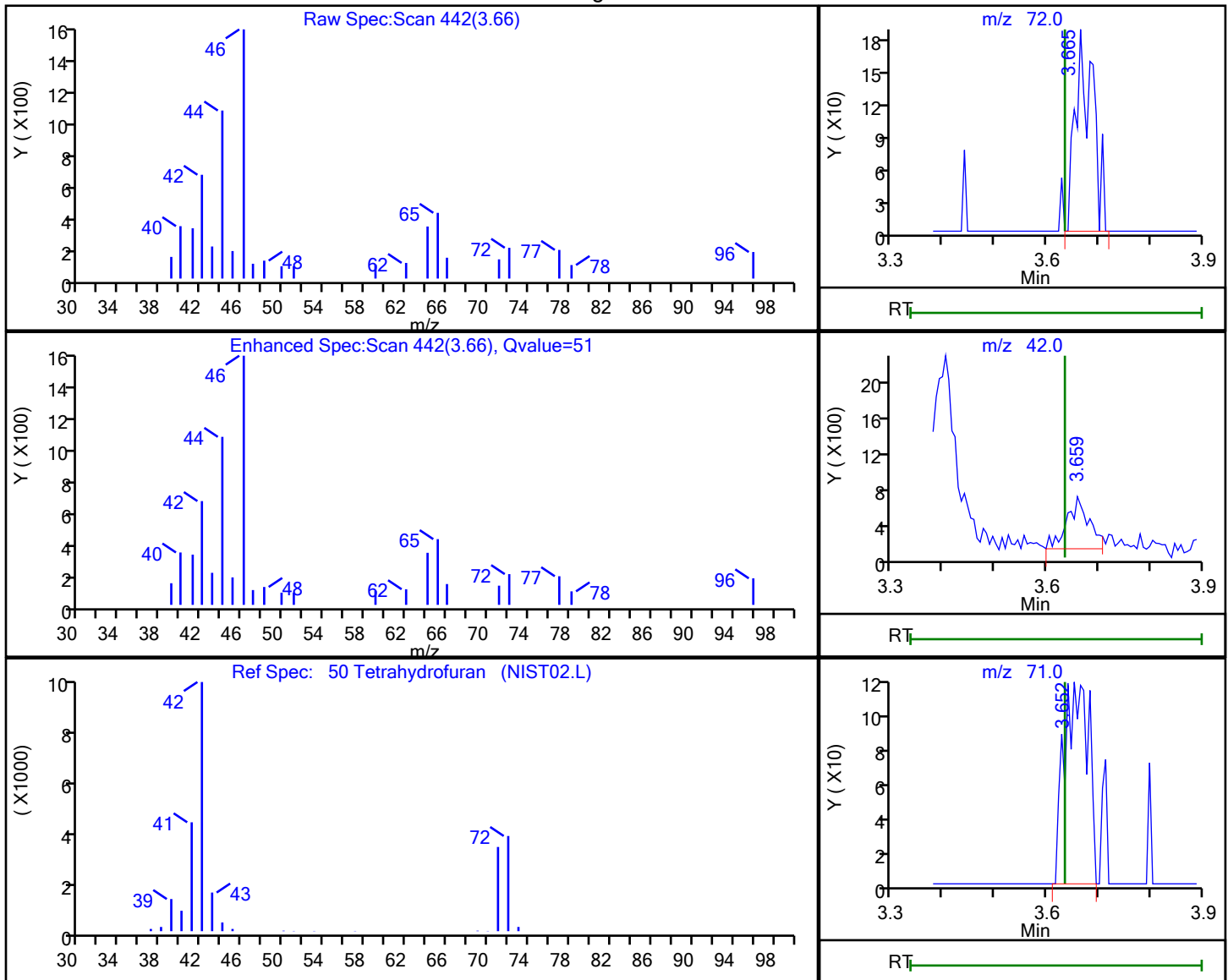
Column: DB-624 (0.18 mm)

Detector

MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.66	72.00	446	0.517694
3.66	42.00	1632	
3.65	71.00	394	

Reviewer: desais, 10-Sep-2021 08:16:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

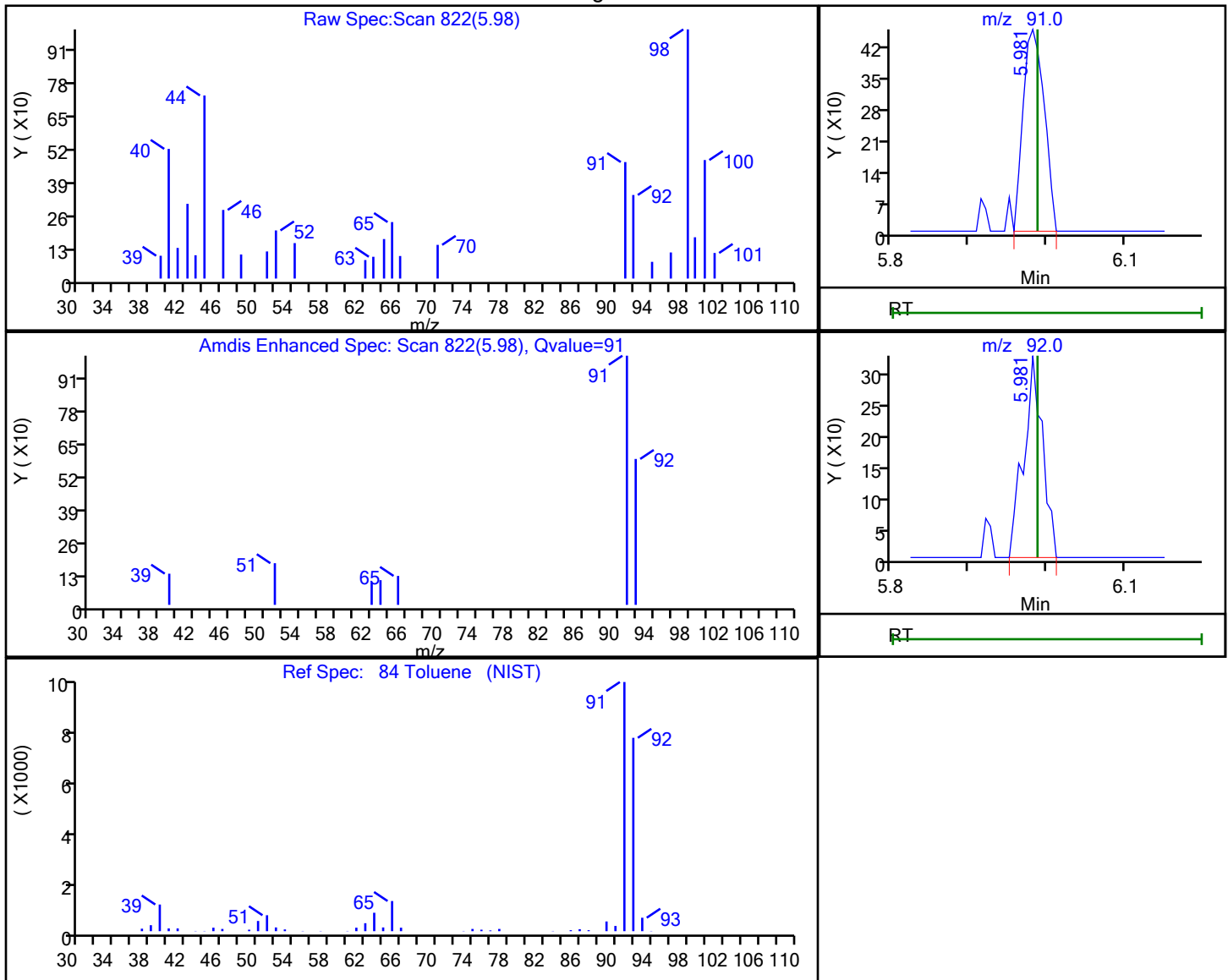
Column: DB-624 (0.18 mm)

Detector

MS Quad

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
5.98	91.00	873	0.029220
5.98	92.00	557	

Reviewer: desais, 10-Sep-2021 08:16:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

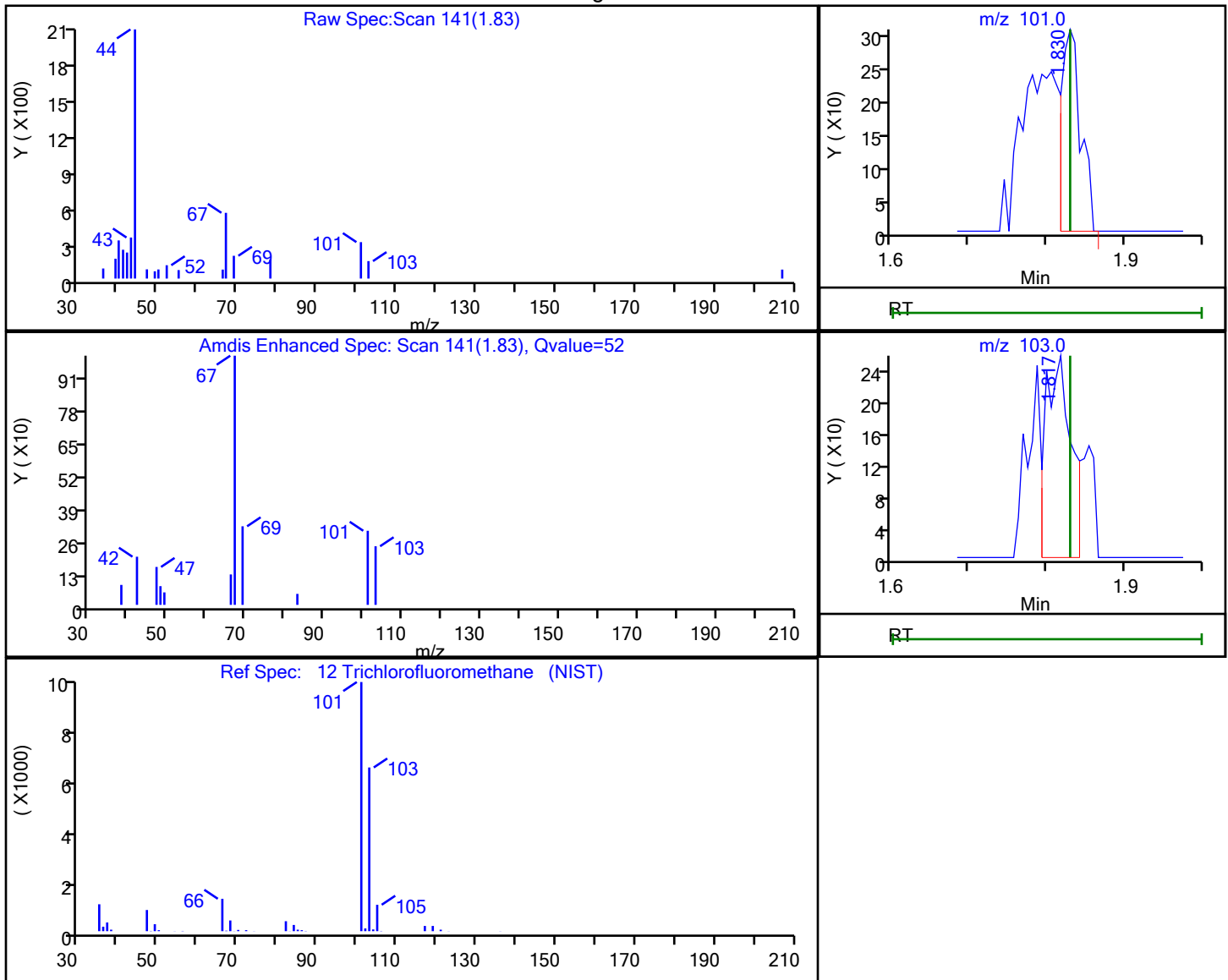
Column: DB-624 (0.18 mm)

Detector

MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.83	101.00	519	0.251195
1.82	103.00	575	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44003.D

Injection Date: 10-Sep-2021 06:59:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

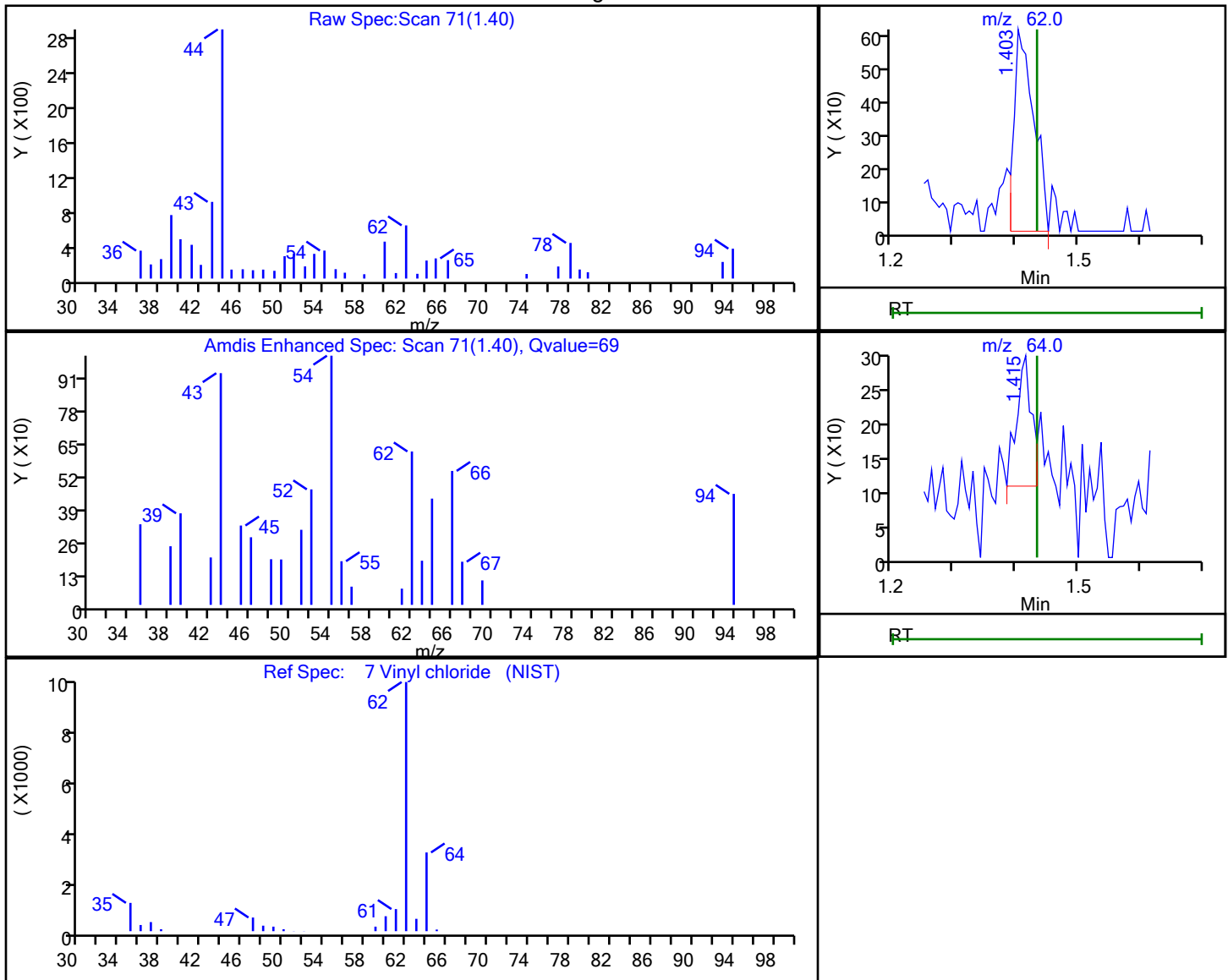
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.40	62.00	1360	0.238887
1.42	64.00	321	

Reviewer: desais, 10-Sep-2021 08:16:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 10-Sep-2021 08:01:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0134348-005
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 10-Sep-2021 19:41:33 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: desais

Date: 10-Sep-2021 08:30:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.159	1.147	0.012	65	1756	5.00	5.29	M
3 Chlorotrifluoroethene	116	1.214	1.208	0.006	91	7267	5.00	5.39	
2 1,1-Difluoroethane	65	1.226	1.220	0.006	91	15462	5.00	6.06	M
4 Dichlorodifluoromethane	85	1.238	1.232	0.006	60	23844	5.00	5.16	a
5 Chlorodifluoromethane	67	1.245	1.244	0.001	98	4800	5.00	5.39	
6 Chloromethane	50	1.373	1.372	0.001	99	28481	5.00	5.33	M
8 Butadiene	54	1.421	1.427	-0.006	91	20594	5.00	5.30	
7 Vinyl chloride	62	1.434	1.433	0.001	97	24295	5.00	5.34	
9 Bromomethane	94	1.647	1.647	0.000	96	15551	5.00	6.13	M
10 Chloroethane	64	1.683	1.683	0.000	100	14604	5.00	7.27	
12 Trichlorofluoromethane	101	1.836	1.830	0.006	47	28634	5.00	5.61	a
11 Dichlorofluoromethane	67	1.830	1.830	0.000	91	44878	5.00	5.71	
13 Pentane	72	1.830	1.830	0.000	96	6850	10.0	12.0	
15 Ethyl ether	74	1.982	1.982	0.000	92	12044	5.00	5.47	
14 Ethanol	46	1.976	1.988	-0.012	72	2354	200.0	167.7	M
16 2-Methyl-1,3-butadiene	53	1.994	1.994	0.000	96	18922	5.00	5.57	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.037	2.037	0.000	92	19212	5.00	6.14	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.080	2.080	0.000	90	32237	5.00	6.01	a
19 Acrolein	56	2.122	2.116	0.006	96	14340	20.3	23.2	
20 1,1,2,2-Tetrafluoroethane	101	2.135	2.141	-0.006	64	17938	5.00	5.88	a
21 1,1-Dichloroethene	96	2.159	2.147	0.012	94	18433	5.00	5.78	
22 Acetone	43	2.232	2.220	0.012	87	34200	25.0	26.5	
23 Iodomethane	142	2.275	2.269	0.006	99	33151	5.00	5.83	
24 Carbon disulfide	76	2.299	2.293	0.006	99	78755	5.00	5.82	
25 Isopropyl alcohol	45	2.348	2.323	0.025	49	8021	50.0	55.7	
26 3-Chloro-1-propene	76	2.397	2.390	0.007	91	13884	5.00	5.41	
27 Methyl acetate	43	2.409	2.409	0.000	64	24783	10.0	9.54	
28 Cyclopentene	67	2.409	2.409	0.000	93	49147	5.00	5.72	
29 Acetonitrile	41	2.476	2.470	0.006	84	28281	50.0	56.4	
30 Methylene Chloride	84	2.507	2.506	0.000	99	25157	5.00	6.01	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.531	2.531	0.000	98	24439	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.586	2.586	0.000	91	17044	50.0	59.2	a
33 Methyl tert-butyl ether	73	2.635	2.640	-0.005	96	53911	5.00	5.41	
34 trans-1,2-Dichloroethene	96	2.653	2.653	0.000	98	21298	5.00	5.96	
35 Acrylonitrile	53	2.720	2.720	0.000	95	83690	50.0	58.3	
36 Hexane	57	2.781	2.781	0.000	94	26725	5.00	5.61	
37 Isopropyl ether	45	2.976	2.970	0.006	78	75941	5.00	5.60	
38 1,1-Dichloroethane	63	2.982	2.982	0.000	98	43773	5.00	5.94	
39 Vinyl acetate	86	2.982	3.000	-0.018	99	3550	10.0	8.84	M
40 2-Chloro-1,3-butadiene	88	3.019	3.018	0.001	93	17296	5.00	5.57	
41 Tert-butyl ethyl ether	59	3.238	3.238	0.000	86	51655	5.00	4.94	
* 42 2-Butanone-d5	46	3.390	3.390	0.000	100	261271	250.0	250.0	
43 2,2-Dichloropropane	97	3.427	3.421	0.006	54	3929	5.00	4.64	a
44 cis-1,2-Dichloroethene	96	3.433	3.433	0.000	91	23339	5.00	5.97	
45 2-Butanone (MEK)	72	3.445	3.439	0.006	96	9546	25.0	26.8	
46 Ethyl acetate	70	3.445	3.445	0.000	94	3155	10.0	11.0	
47 Methyl acrylate	55	3.488	3.488	0.000	99	12148	5.00	4.38	
48 Propionitrile	54	3.592	3.585	0.007	93	20704	50.0	60.1	a
49 Chlorobromomethane	128	3.628	3.628	0.000	96	11664	5.00	6.16	
51 Methacrylonitrile	67	3.647	3.634	0.013	95	69433	50.0	54.2	
50 Tetrahydrofuran	72	3.653	3.634	0.019	52	5527	10.0	11.7	
52 Chloroform	83	3.677	3.677	0.000	98	37059	5.00	6.05	
53 Cyclohexane	84	3.781	3.787	-0.006	96	26038	5.00	5.61	
54 1,1,1-Trichloroethane	97	3.805	3.805	0.000	92	22600	5.00	5.17	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.817	0.000	96	122973	50.0	54.4	
56 Carbon tetrachloride	117	3.909	3.908	0.001	93	14225	5.00	4.60	
57 1,1-Dichloropropene	75	3.933	3.933	0.000	94	25656	5.00	5.44	
58 Isobutyl alcohol	43	4.085	4.085	0.000	37	12101	125.0	127.5	a
59 Isooctane	57	4.085	4.091	-0.006	99	64695	5.00	5.42	
60 Benzene	78	4.110	4.104	0.006	97	75301	5.00	5.83	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	95	142864	50.0	50.6	
62 Tert-amyl methyl ether	73	4.183	4.177	0.006	83	47444	5.00	4.60	
64 1,2-Dichloroethane	62	4.189	4.183	0.006	76	25644	5.00	5.50	
63 Isopropyl acetate	61	4.189	4.189	0.000	81	7708	5.00	4.75	
65 n-Heptane	100	4.268	4.262	0.006	92	4116	5.00	5.60	a
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	405828	50.0	50.0	
68 Trichloroethene	95	4.683	4.689	-0.006	97	17111	5.00	5.15	
69 Methylcyclohexane	83	4.805	4.799	0.006	95	28040	5.00	5.29	
70 Ethyl acrylate	99	4.793	4.823	-0.030	78	1616	5.00	4.88	a
71 1,2-Dichloropropane	63	4.951	4.951	0.000	93	19313	5.00	5.27	
73 Methyl methacrylate	100	5.055	5.049	0.007	96	4362	10.0	6.59	
* 72 1,4-Dioxane-d8	96	5.073	5.061	0.012	48	15799	1000.0	1000.0	
74 Dibromomethane	93	5.067	5.067	0.000	97	10657	5.00	5.25	
75 1,4-Dioxane	88	5.128	5.097	0.031	28	2772	100.0	117.3	
76 n-Propyl acetate	43	5.122	5.116	0.006	97	11824	5.00	2.58	
77 Dichlorobromomethane	83	5.219	5.219	0.000	99	18385	5.00	4.74	
78 2-Nitropropane	41	5.543	5.542	0.000	76	5451	10.0	10.5	
79 2-Chloroethyl vinyl ether	63	5.561	5.555	0.007	88	8301	5.01	4.57	
80 Epichlorohydrin	57	5.671	5.652	0.019	99	21403	100.0	75.1	a
81 cis-1,3-Dichloropropene	75	5.689	5.689	0.000	98	19345	5.00	4.37	
82 4-Methyl-2-pentanone (MIBK)	58	5.884	5.872	0.012	97	32902	25.0	24.8	a
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	383134	50.0	51.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	5.981	5.987	-0.006	93	67310	5.00	5.52	
85 trans-1,3-Dichloropropene	75	6.335	6.335	0.000	98	12680	5.00	3.91	
86 Ethyl methacrylate	69	6.396	6.396	0.000	94	10691	5.00	3.14	
87 1,1,2-Trichloroethane	83	6.536	6.536	0.000	95	12423	5.00	5.39	
88 Tetrachloroethene	166	6.561	6.560	0.001	94	15806	5.00	5.64	
89 1,3-Dichloropropane	76	6.731	6.731	0.000	97	24560	5.00	5.38	
90 2-Hexanone	43	6.841	6.829	0.012	99	34033	25.0	15.3	
92 Chlorodibromomethane	129	6.945	6.944	0.001	97	9606	5.00	4.42	
91 n-Butyl acetate	43	6.969	6.957	0.012	95	19331	5.00	4.26	
93 Ethylene Dibromide	107	7.079	7.079	0.000	97	8781	5.00	3.99	
* 94 Chlorobenzene-d5	117	7.615	7.615	0.000	89	276851	50.0	50.0	
95 Chlorobenzene	112	7.646	7.646	0.000	93	42990	5.00	5.57	
96 Ethylbenzene	106	7.768	7.767	0.001	99	23313	5.00	5.63	
97 1,1,1,2-Tetrachloroethane	131	7.780	7.780	0.000	74	9714	5.00	4.33	
98 m-Xylene & p-Xylene	106	7.920	7.920	0.000	98	26584	5.00	5.37	
99 o-Xylene	106	8.426	8.426	0.000	92	26247	5.00	5.11	
100 n-Butyl acrylate	73	8.475	8.469	0.006	43	6190	5.00	3.16	M
101 Styrene	104	8.469	8.469	0.000	94	40498	5.00	5.22	
102 Bromoform	173	8.719	8.712	0.007	95	5529	5.00	4.19	
103 Amyl acetate (mixed isomers)	43	8.786	8.779	0.007	87	10752	5.00	1.69	M
104 Isopropylbenzene	105	8.902	8.901	0.001	97	73056	5.00	5.37	
\$ 105 4-Bromofluorobenzene	174	9.152	9.151	0.001	0	110145	50.0	52.1	
106 Bromobenzene	156	9.304	9.304	0.000	94	17946	5.00	4.91	
107 1,1,2,2-Tetrachloroethane	83	9.414	9.407	0.007	97	21731	5.00	4.95	
108 N-Propylbenzene	91	9.432	9.426	0.006	98	91661	5.00	4.94	
109 1,2,3-Trichloropropane	110	9.450	9.450	0.000	96	5735	5.00	5.14	
110 trans-1,4-Dichloro-2-butene	53	9.493	9.493	0.000	56	4397	5.00	4.32	
111 2-Chlorotoluene	91	9.536	9.535	0.001	96	64614	5.00	5.35	
112 4-Ethyltoluene	105	9.572	9.572	0.000	98	71901	5.00	4.98	
113 1,3,5-Trimethylbenzene	105	9.658	9.657	0.001	92	62176	5.00	4.93	
114 4-Chlorotoluene	91	9.676	9.676	0.000	99	62991	5.00	5.13	
115 Butyl Methacrylate	87	9.822	9.822	0.000	95	9734	5.00	2.63	M
116 tert-Butylbenzene	119	9.993	9.993	0.000	92	45643	5.00	4.55	
117 1,2,4-Trimethylbenzene	105	10.060	10.060	0.000	99	62587	5.00	4.82	
118 sec-Butylbenzene	105	10.225	10.224	0.000	99	79397	5.00	4.82	
119 1,3-Dichlorobenzene	146	10.346	10.352	-0.006	94	37293	5.00	5.33	
120 4-Isopropyltoluene	119	10.383	10.383	0.000	97	64359	5.00	4.80	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	97	164384	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.450	10.450	0.000	92	37758	5.00	5.36	
123 1,2,3-Trimethylbenzene	105	10.487	10.486	0.001	99	70193	5.00	5.12	
124 Benzyl chloride	91	10.609	10.608	0.001	97	15376	5.00	3.27	
125 2,3-Dihydroindene	117	10.663	10.663	0.000	93	63913	5.00	5.11	
126 p-Diethylbenzene	119	10.755	10.755	0.000	91	35501	5.00	4.97	
127 n-Butylbenzene	92	10.773	10.773	0.000	98	41544	5.00	5.39	
128 1,2-Dichlorobenzene	146	10.804	10.803	0.001	94	37510	5.00	5.57	
129 1,2,4,5-Tetramethylbenzene	119	11.456	11.450	0.006	97	57320	5.00	4.37	
130 1,2-Dibromo-3-Chloropropane	157	11.523	11.523	0.000	67	1906	5.00	2.63	
131 1,3,5-Trichlorobenzene	180	11.645	11.645	0.000	96	30396	5.00	5.19	
132 1,2,4-Trichlorobenzene	180	12.157	12.157	0.000	94	27799	5.00	4.96	
133 Hexachlorobutadiene	225	12.255	12.254	0.001	92	11884	5.00	4.90	
134 Naphthalene	128	12.346	12.346	0.000	99	63811	5.00	4.80	
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	94	26575	5.00	4.97	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		10.0	11.9	
S 137 Xylenes, Total	100				0		10.0	10.5	
S 139 1,3-Dichloropropene, Total	1				0		10.0	8.28	
S 140 Total BTEX	1				0		25.0	27.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00130	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00143	Amount Added: 10.00	Units: uL	
GASES Li_00437	Amount Added: 10.00	Units: uL	
524freon_00042	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00048	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

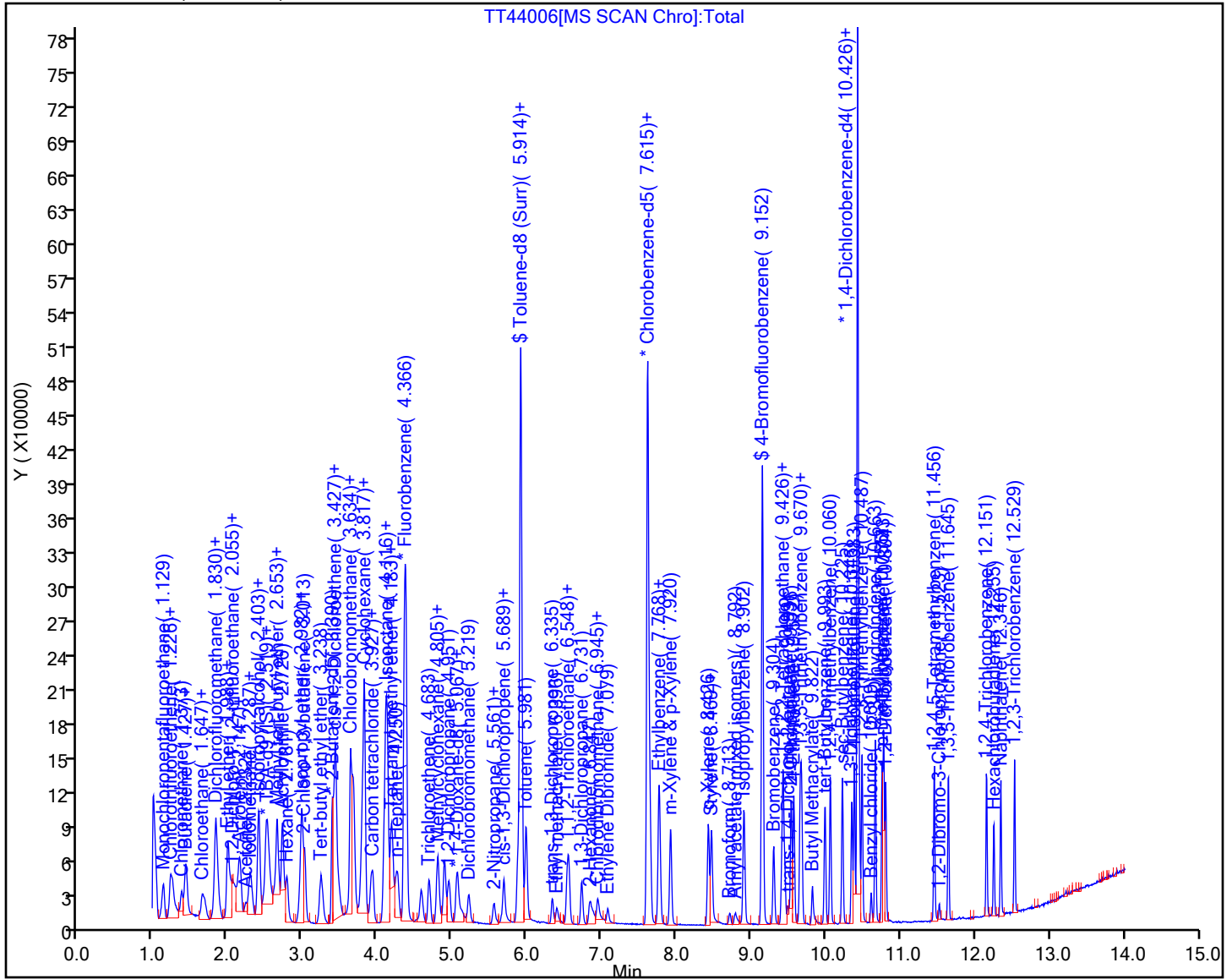
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

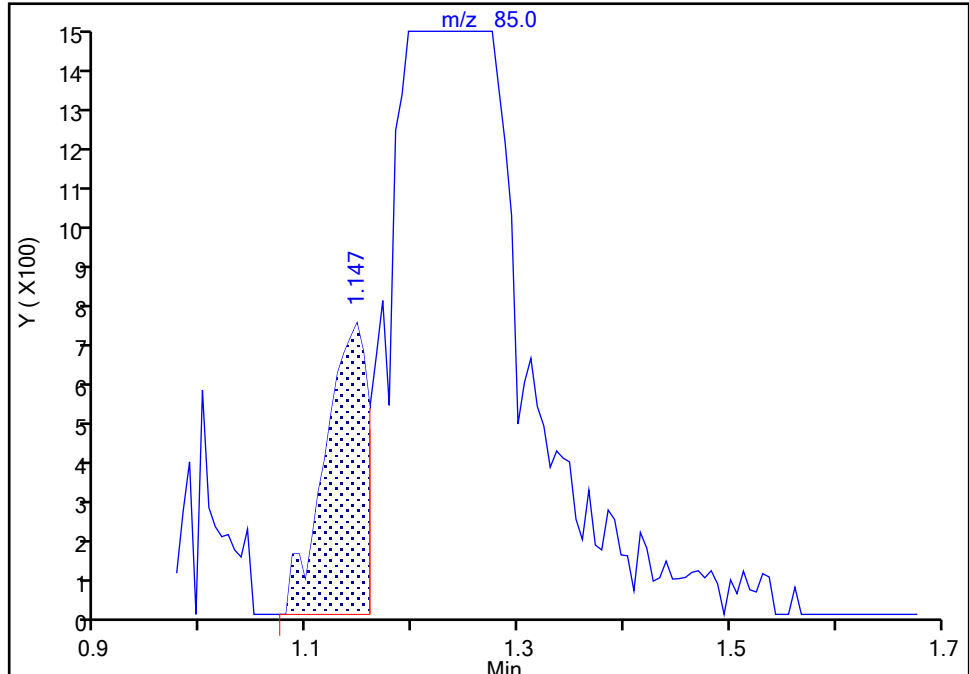
Detector: MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

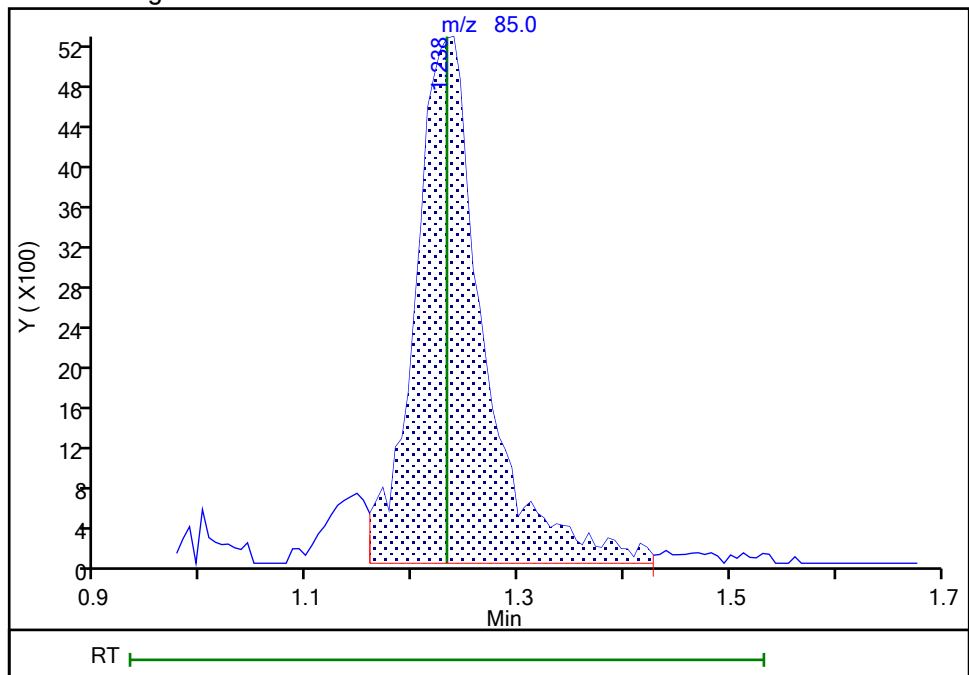
RT: 1.15
Area: 1979
Amount: 0.508002
Amount Units: ug/l

Processing Integration Results



RT: 1.24
Area: 23844
Amount: 5.156030
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:21:47

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D		
Injection Date:	10-Sep-2021 08:01:30	Instrument ID:	CVOAMS17
Lims ID:	STD5		
Client ID:			
Operator ID:		ALS Bottle#:	4 Work
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Wa
Column:	DB-624 (0.18 mm)	Detector	MS Quad

ALS Bottle#: 4 Worklist Smp#: 5
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector MS Quad

Signal: 1

RT: 1.37
Area: 33854
Amount: 5.612417
Amount Units: ug/l

Chromatogram showing a major peak at 1.373 minutes. The y-axis is labeled 'Y (X1000)' and ranges from 0 to 12. The x-axis is labeled 'Min' and ranges from 1.0 to 1.8. The peak is labeled 'm/z 50.0' and '1.373'. A red box highlights the baseline area from approximately 1.3 to 1.5 minutes.

RT: 1.37
Area: 28481
Amount: 5.329968
Amount Units: ug/l

Reviewer: baronm, 10-Sep-2021 18:22:12
Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

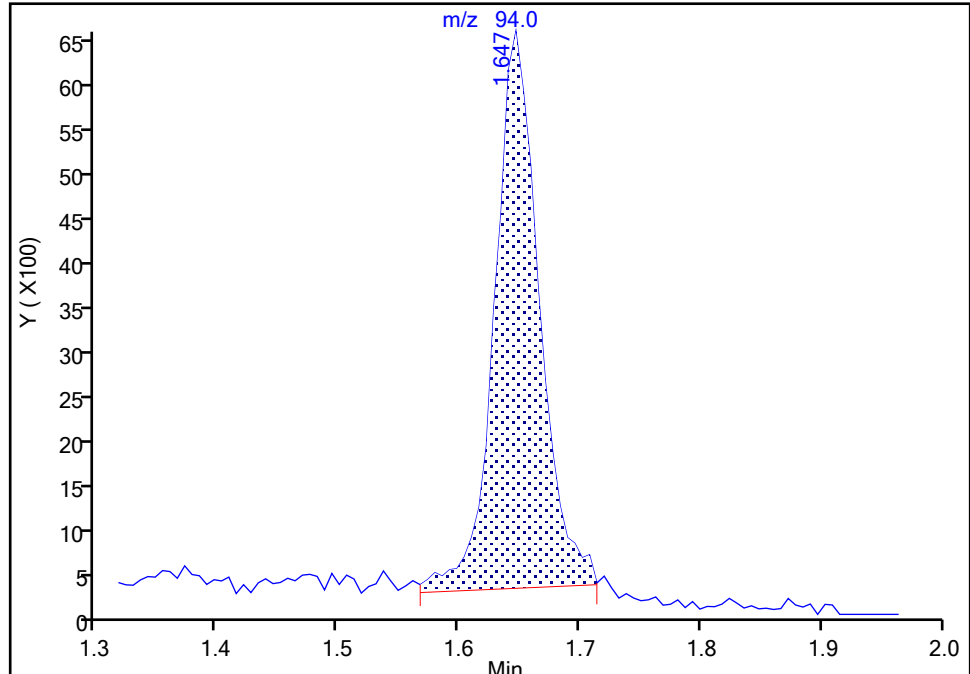
Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

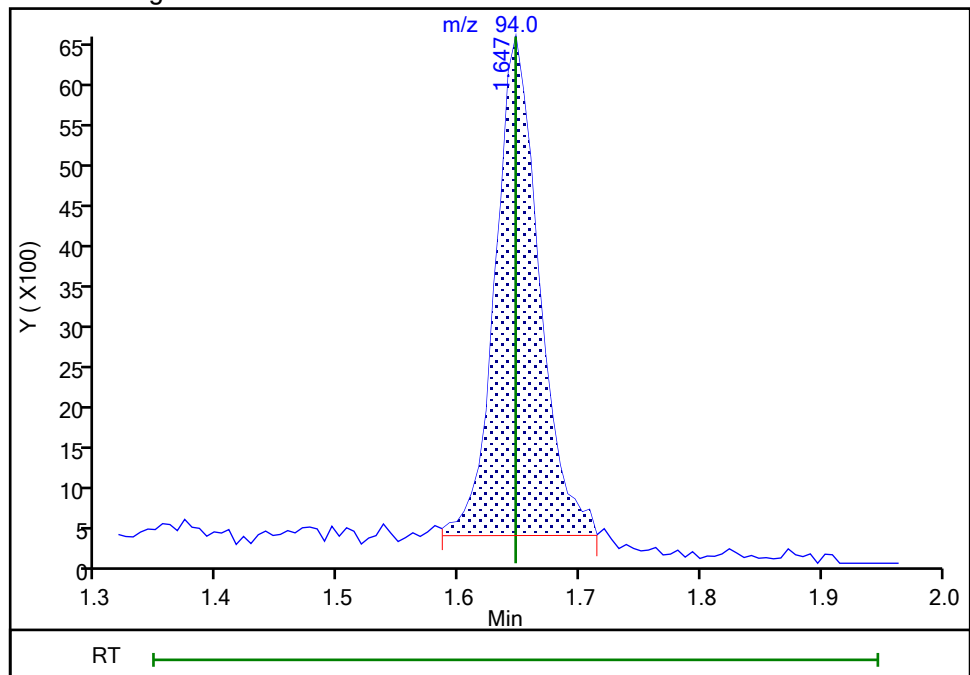
RT: 1.65
Area: 16111
Amount: 7.316428
Amount Units: ug/l

Processing Integration Results



RT: 1.65
Area: 15551
Amount: 6.127891
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:59:12

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

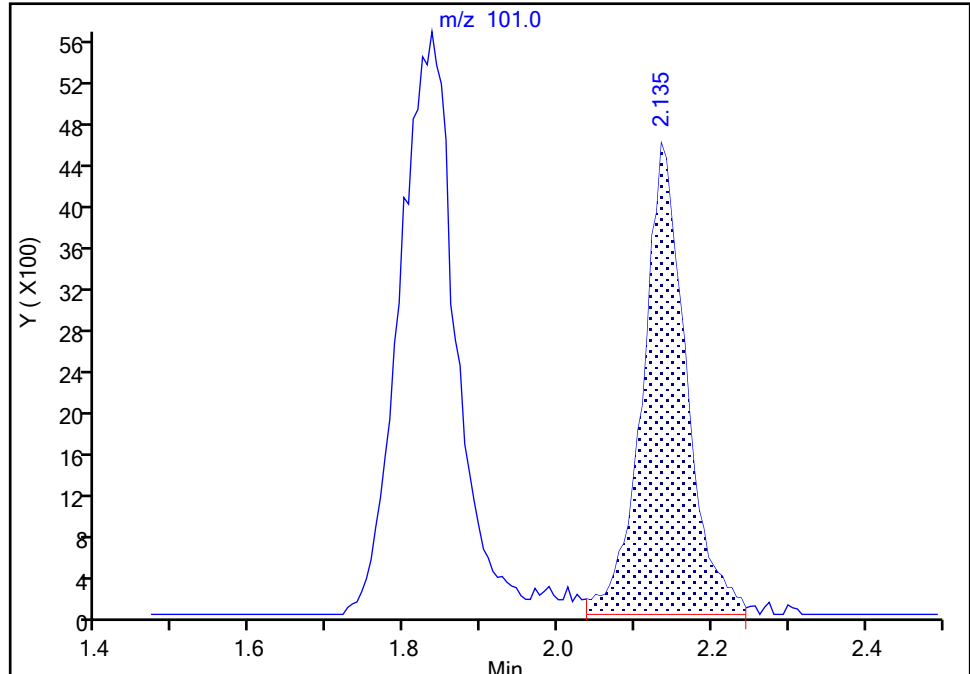
MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

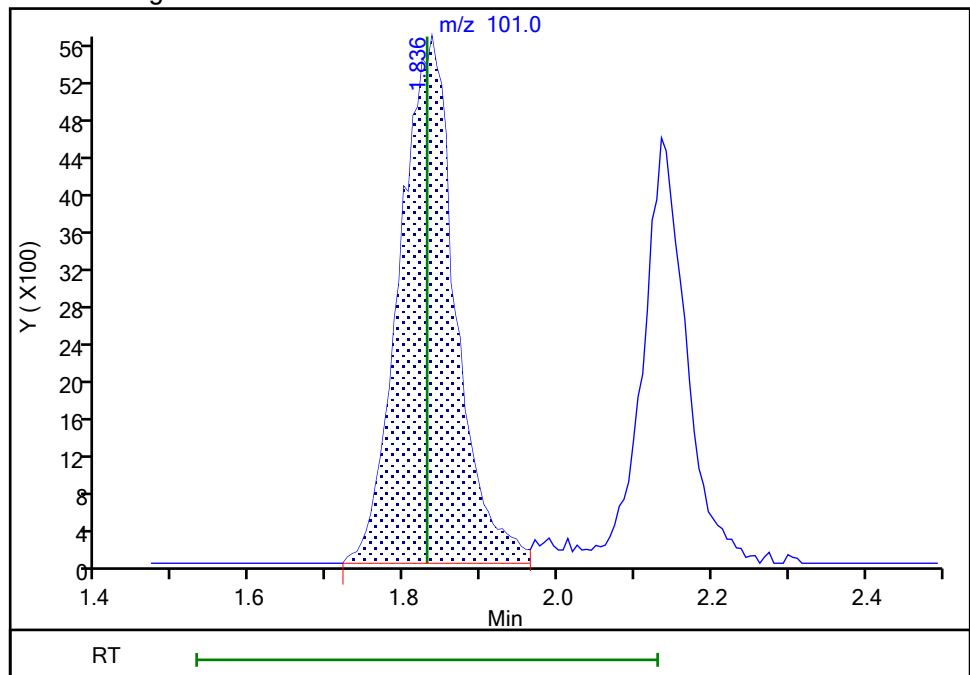
RT: 2.13
Area: 17938
Amount: 4.893294
Amount Units: ug/l

Processing Integration Results



RT: 1.84
Area: 28634
Amount: 5.605998
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:23:00

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

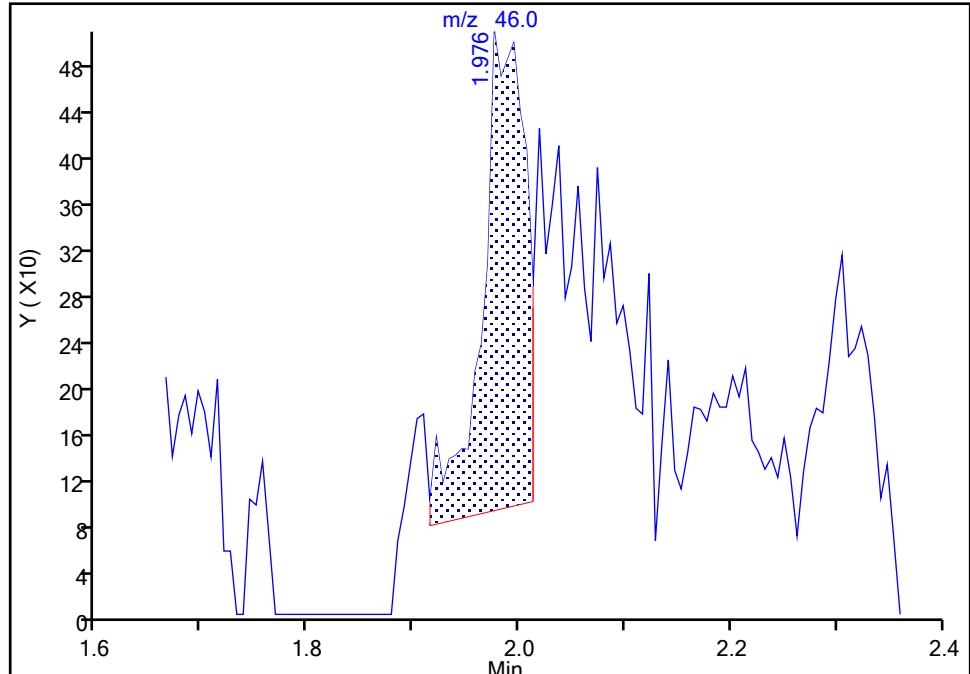
MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

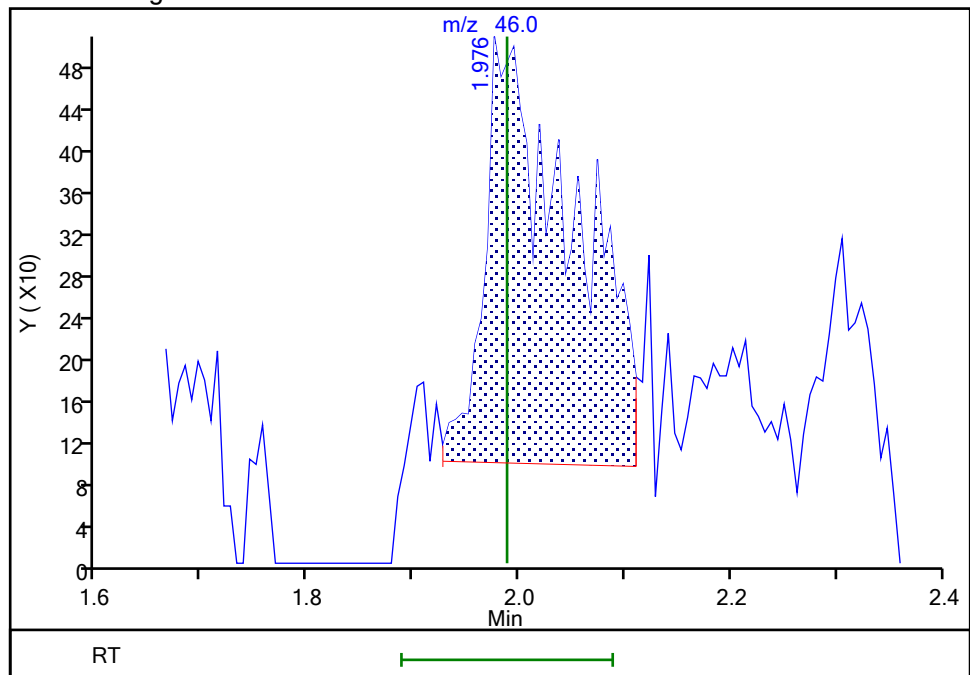
RT: 1.98
Area: 1193
Amount: 96.646425
Amount Units: ug/l

Processing Integration Results



RT: 1.98
Area: 2354
Amount: 167.7458
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:22:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

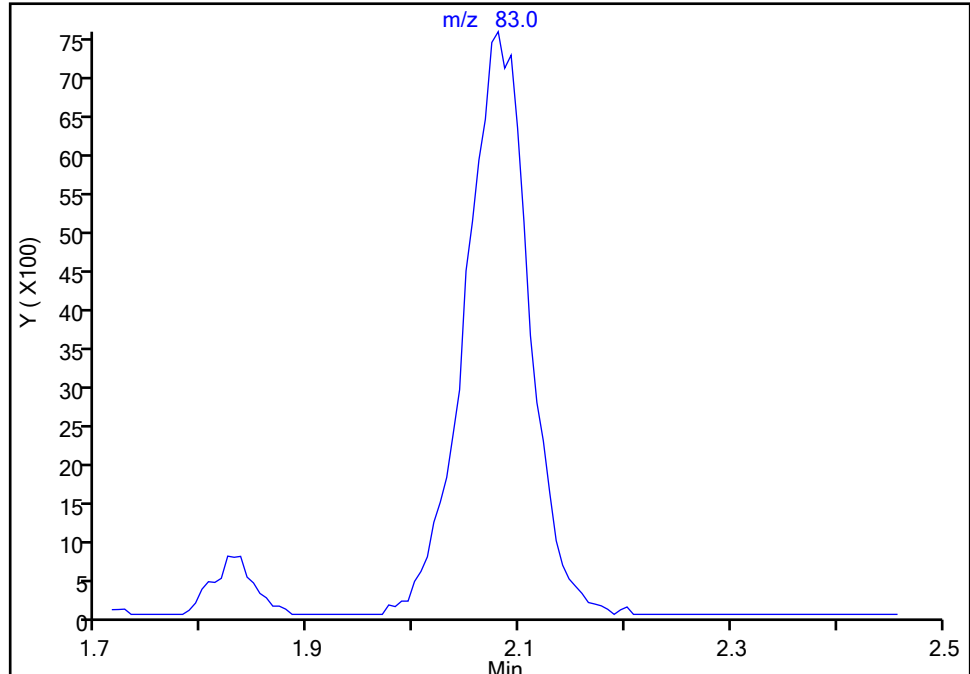
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.08

Processing Integration Results



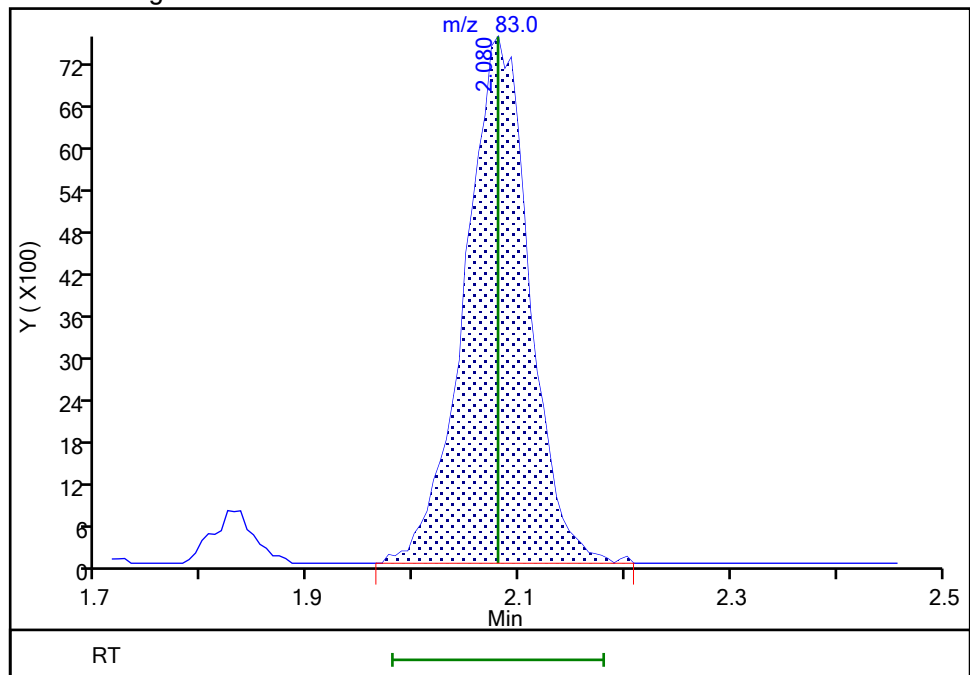
RT: 2.08

Area: 32237

Amount: 6.013549

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:22:45

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

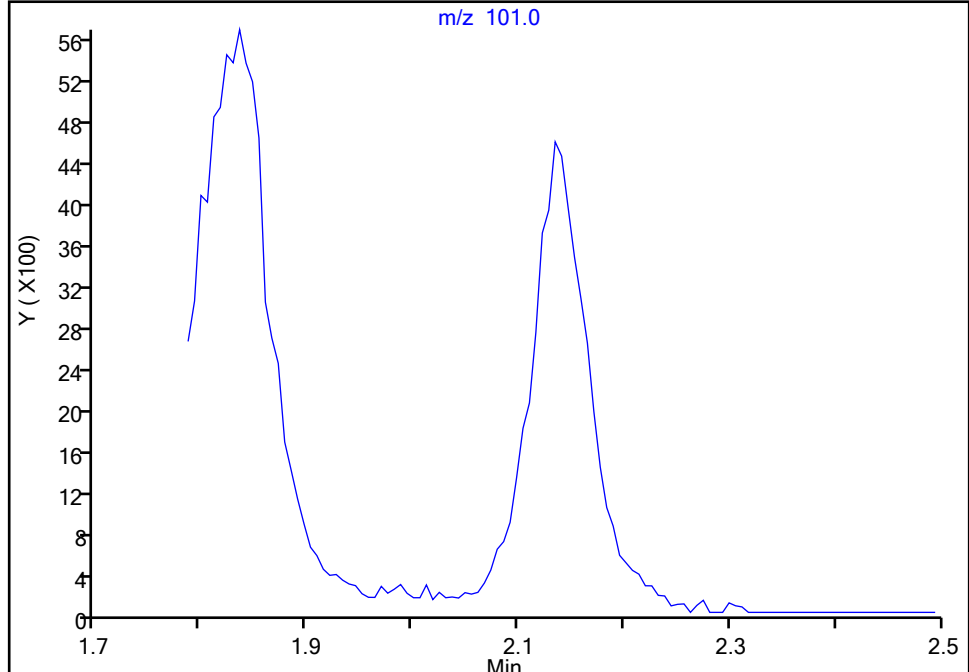
20 112TCTFE, CAS: 76-13-1

Signal: 1

Not Detected

Expected RT: 2.14

Processing Integration Results



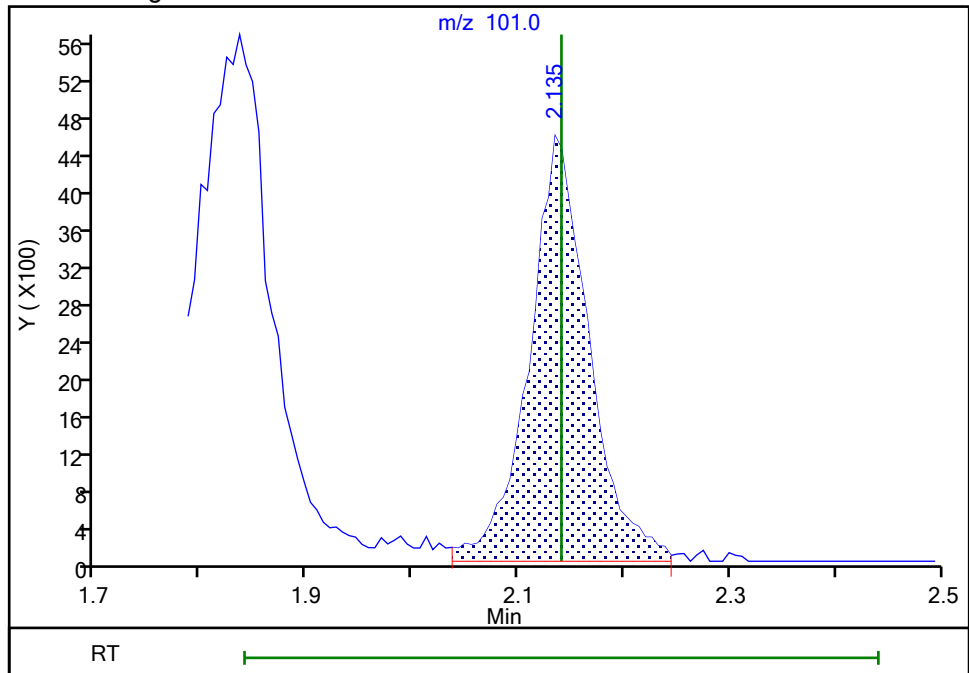
RT: 2.13

Area: 17938

Amount: 5.877432

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:22:51

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

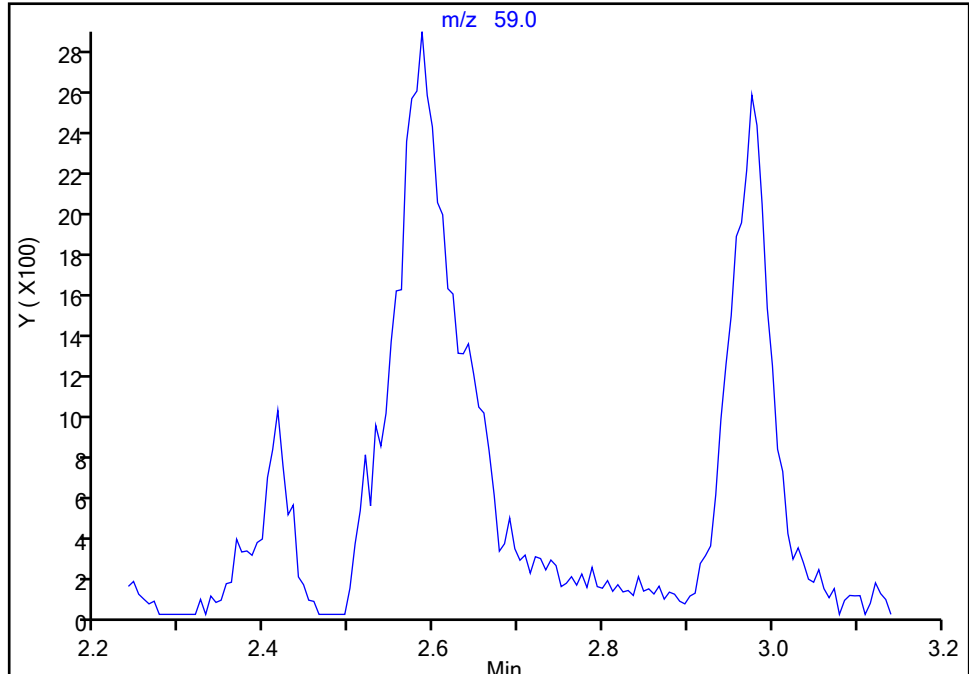
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

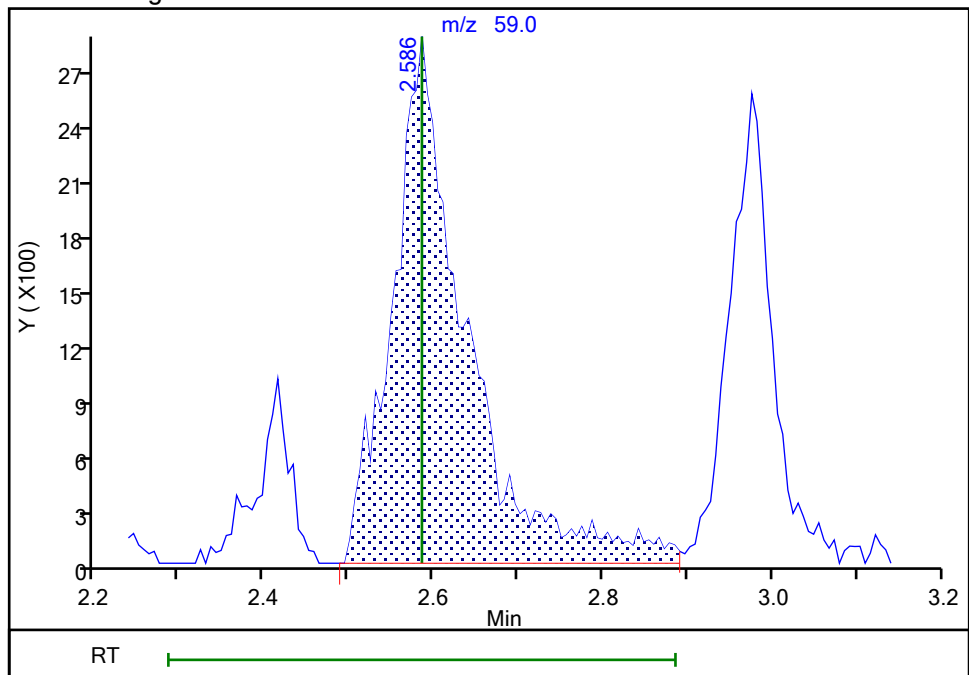
Not Detected

Expected RT: 2.59

Processing Integration Results



Manual Integration Results



RT: 2.59

Area: 17044

Amount: 59.241356

Amount Units: ug/l

Reviewer: baronm, 10-Sep-2021 18:23:12

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

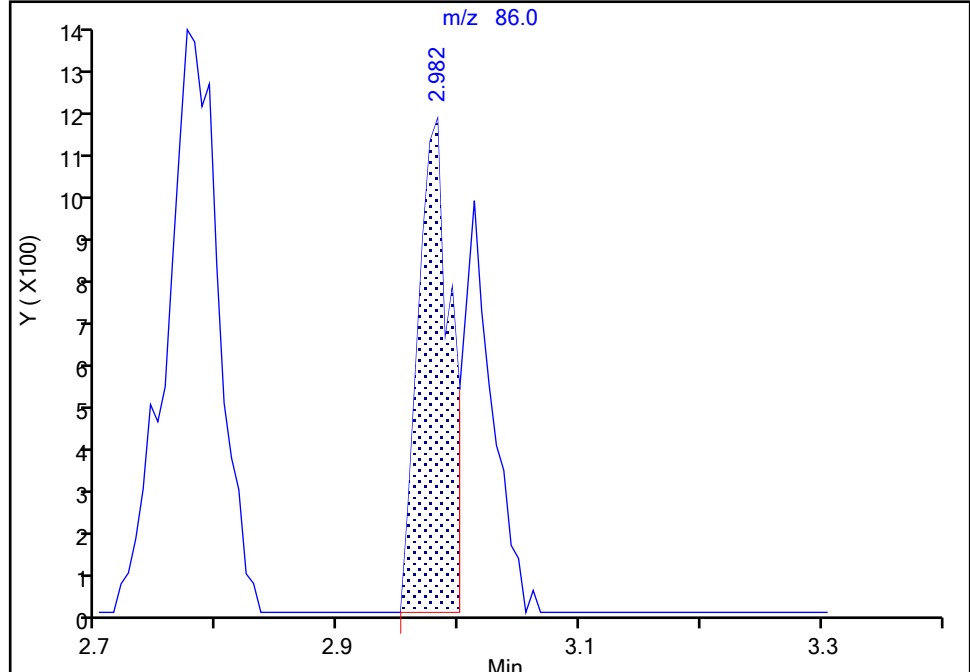
Detector: MS Quad

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

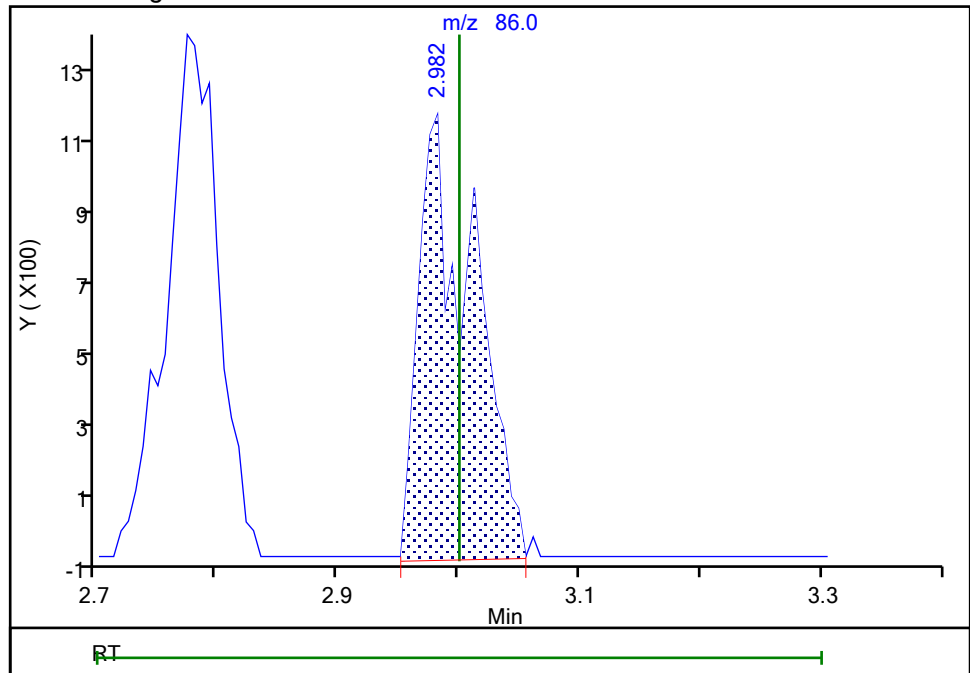
RT: 2.98
Area: 2087
Amount: 5.274548
Amount Units: ug/l

Processing Integration Results



RT: 2.98
Area: 3550
Amount: 8.836456
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:23:27

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

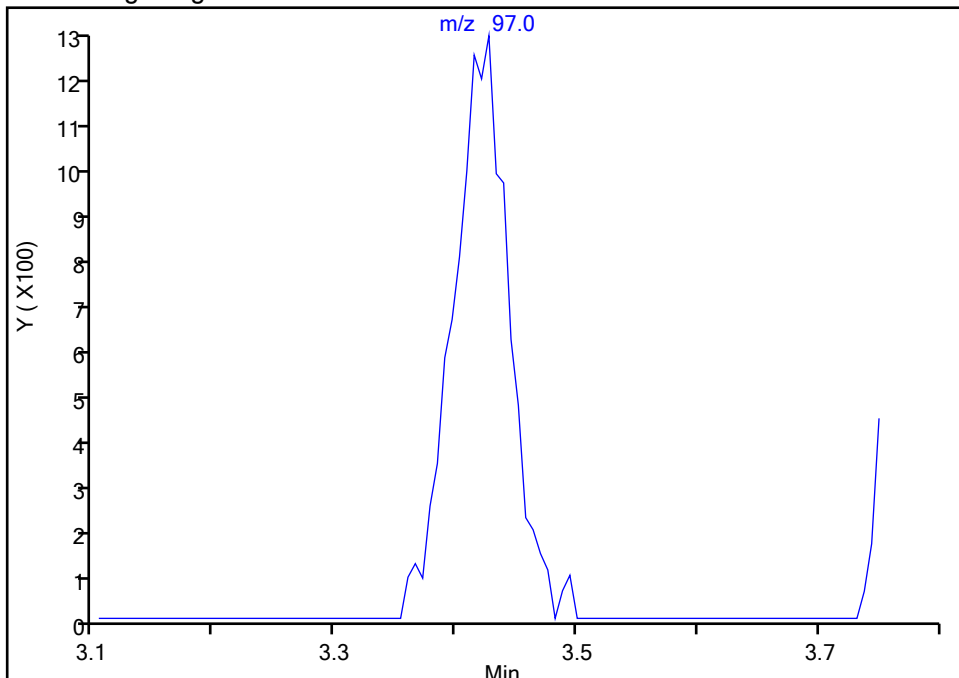
43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

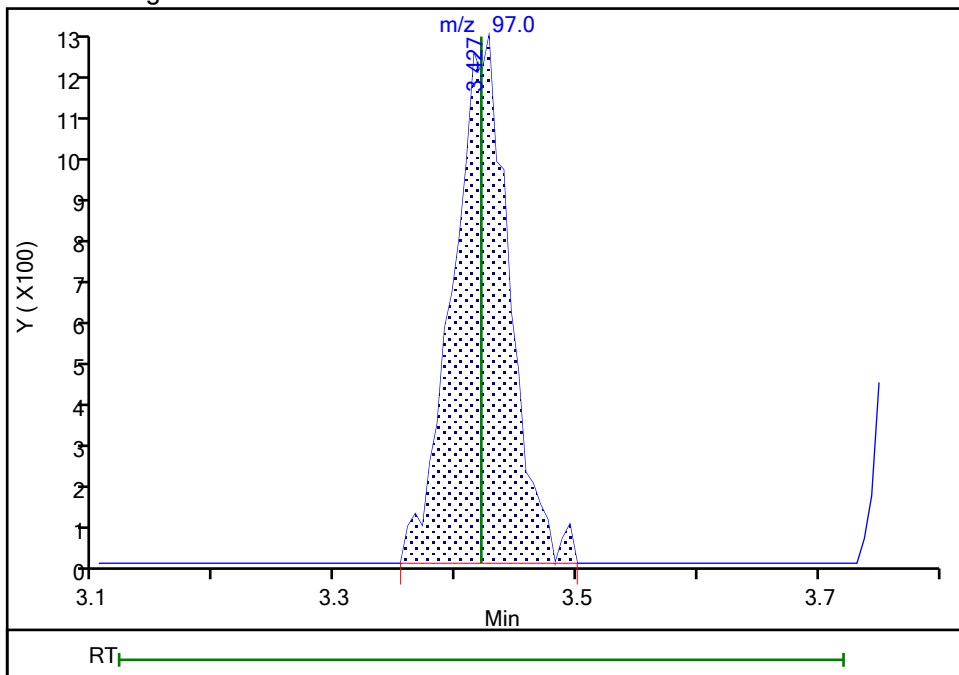
Not Detected

Expected RT: 3.42

Processing Integration Results



Manual Integration Results



RT: 3.43

Area: 3929

Amount: 4.636530

Amount Units: ug/l

Reviewer: baronm, 10-Sep-2021 18:23:38

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

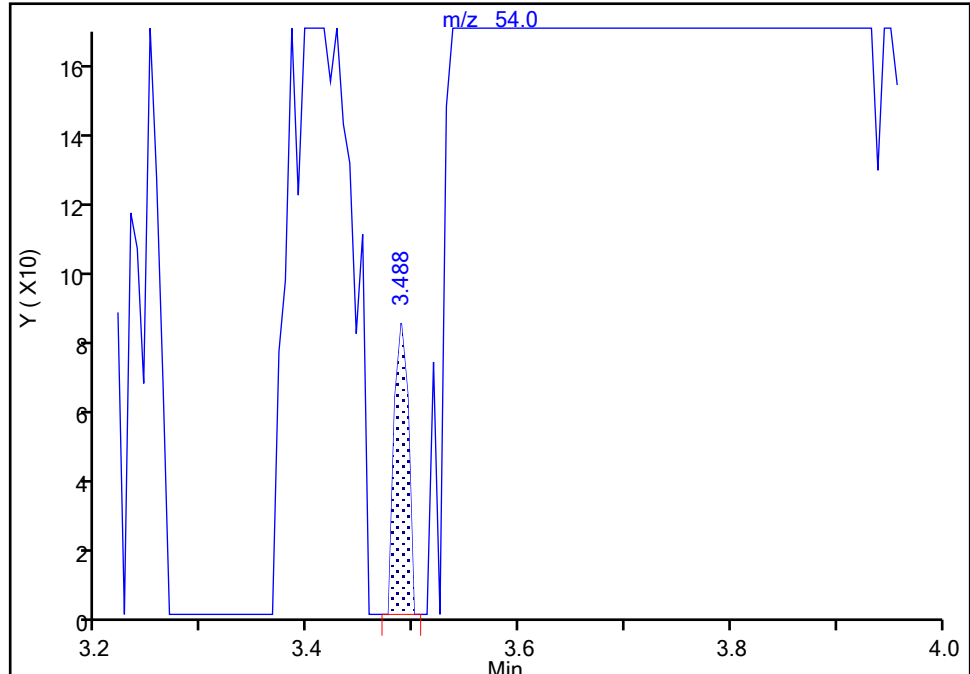
Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Signal: 1

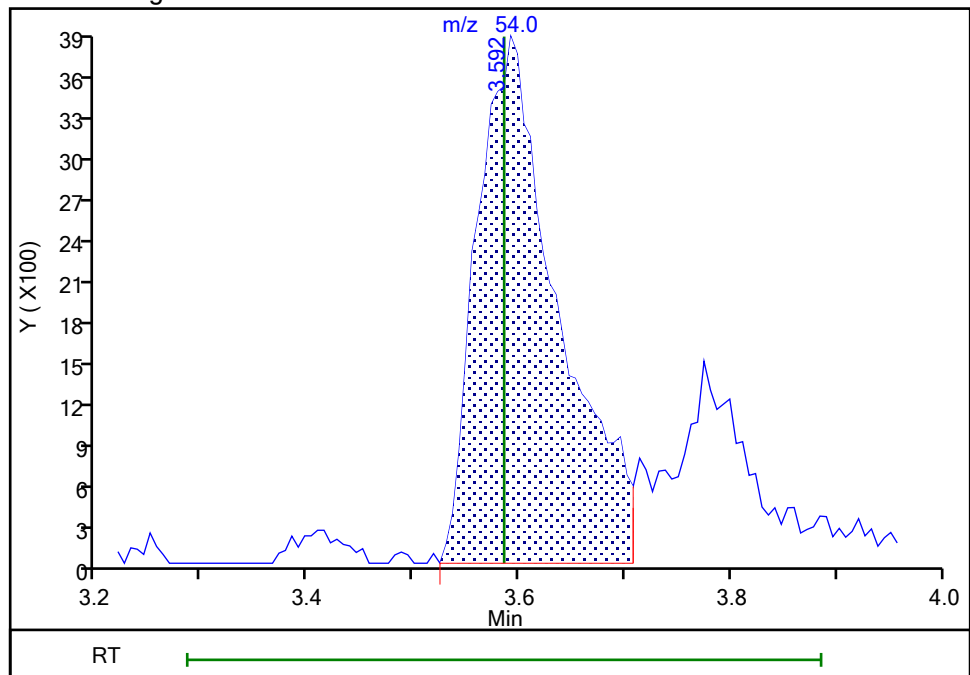
RT: 3.49
Area: 75
Amount: 0.217864
Amount Units: ug/l

Processing Integration Results



RT: 3.59
Area: 20704
Amount: 60.094666
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:23:46

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

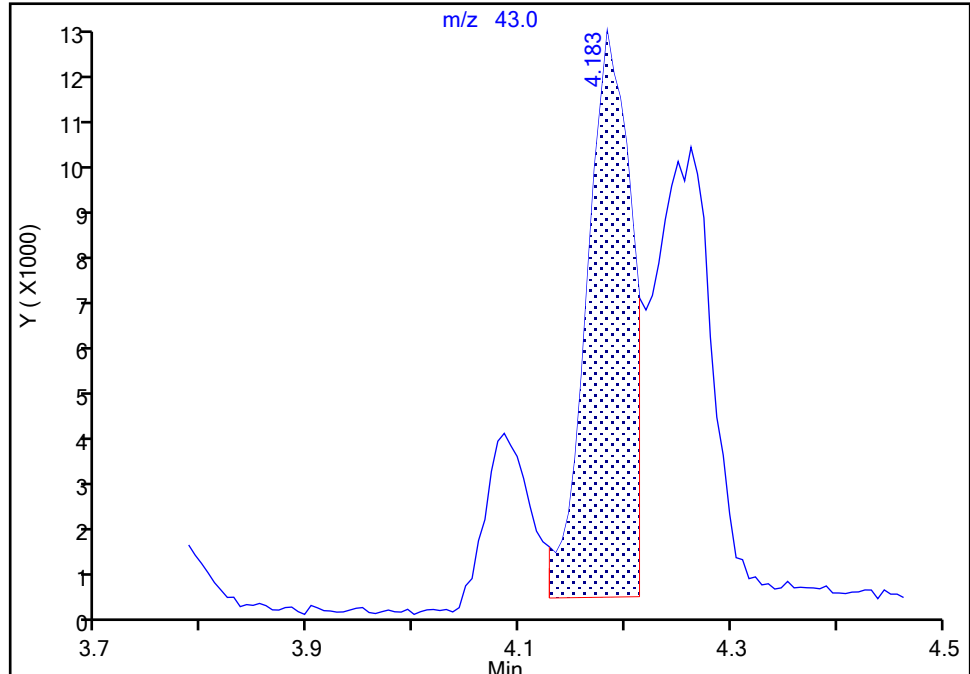
Detector: MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

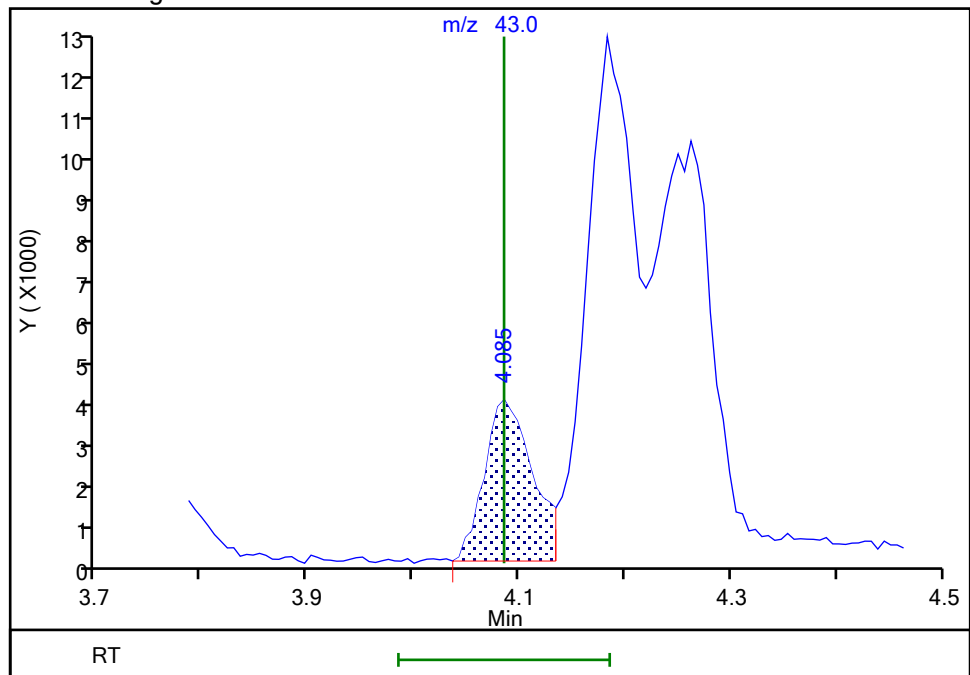
RT: 4.18
Area: 35567
Amount: 146.2363
Amount Units: ug/l

Processing Integration Results



RT: 4.09
Area: 12101
Amount: 127.5428
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:24:19

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

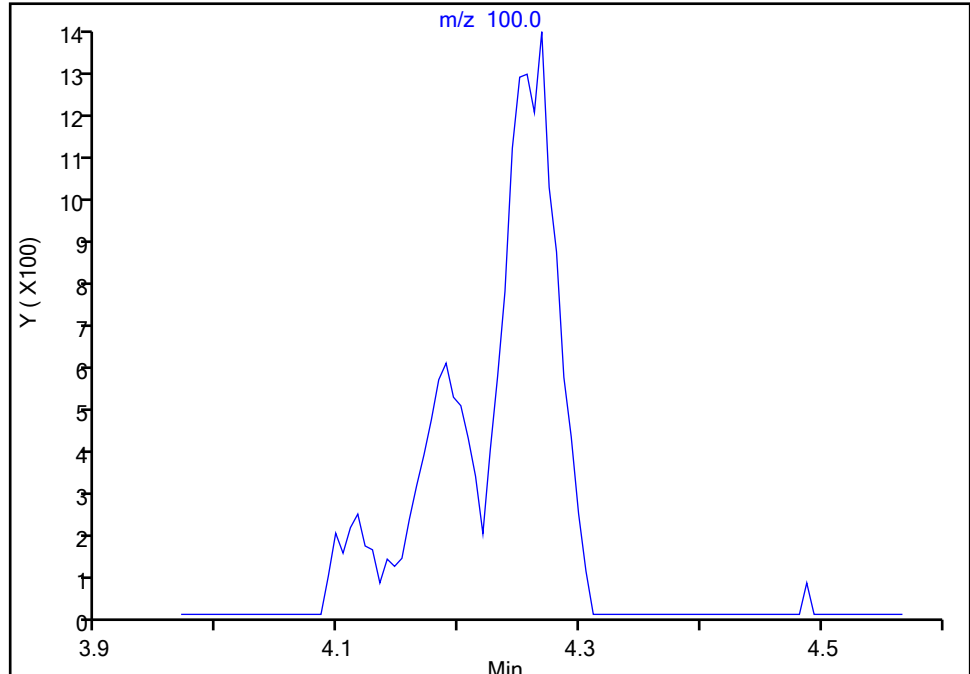
65 n-Heptane, CAS: 142-82-5

Signal: 1

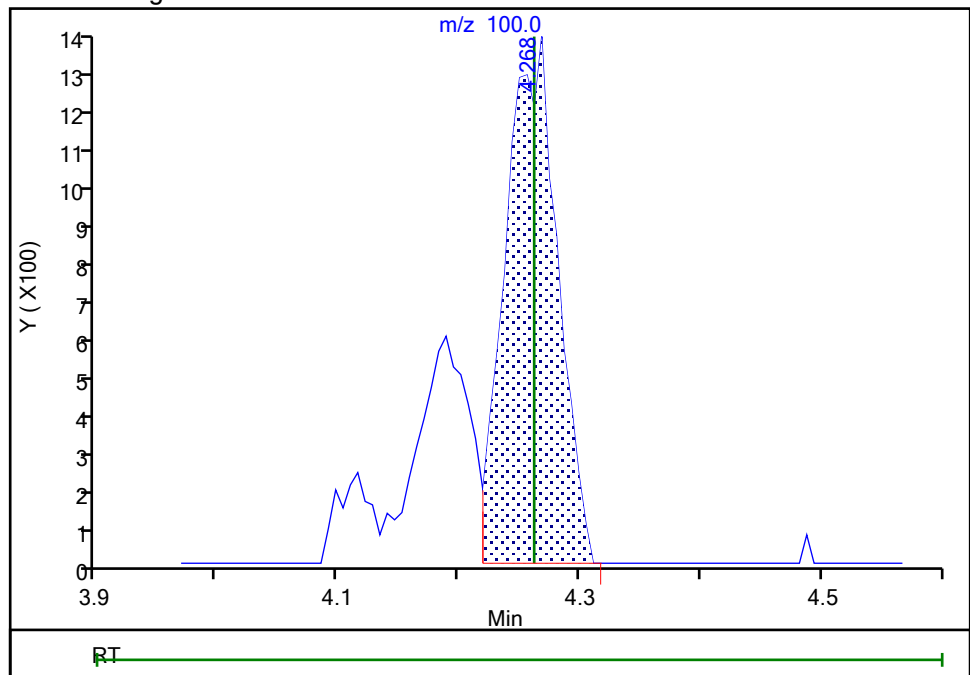
Not Detected

Expected RT: 4.26

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:24:12

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

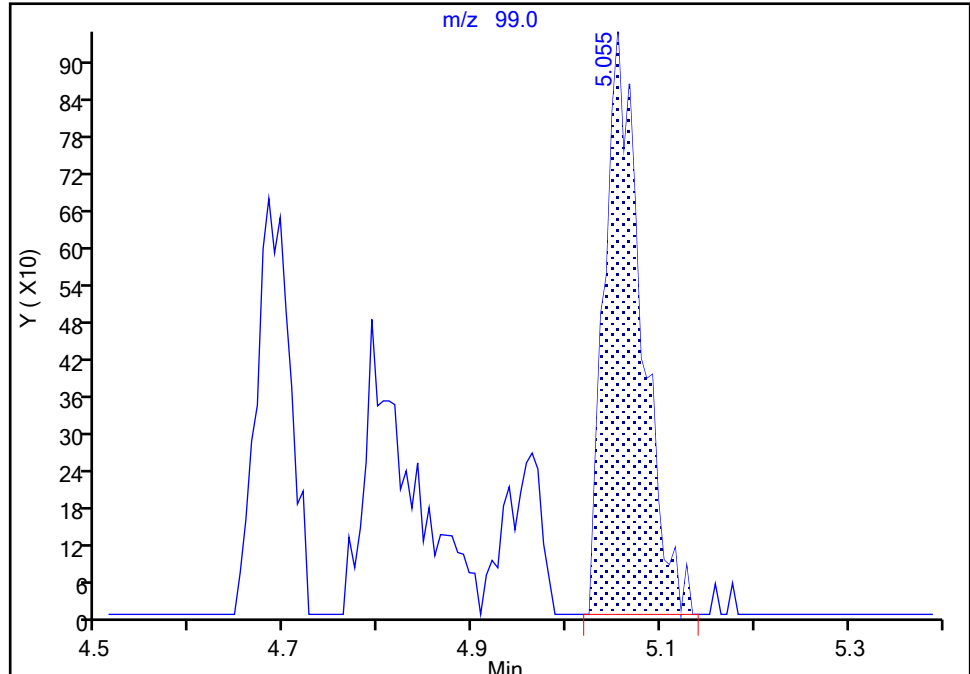
MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

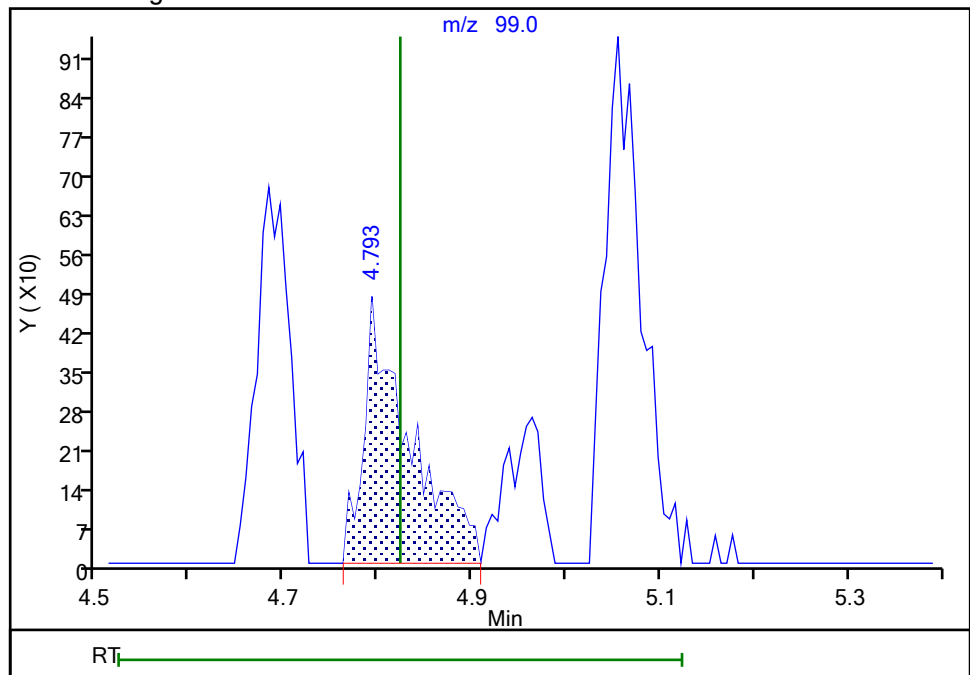
RT: 5.05
Area: 2590
Amount: 6.783238
Amount Units: ug/l

Processing Integration Results



RT: 4.79
Area: 1616
Amount: 4.882979
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:34:07

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

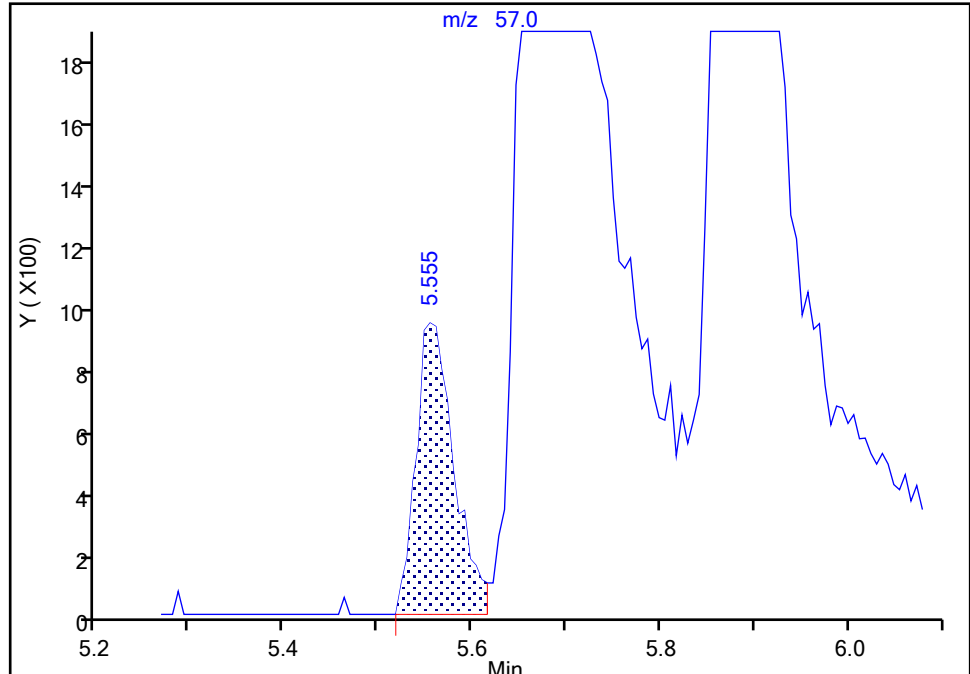
Detector: MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

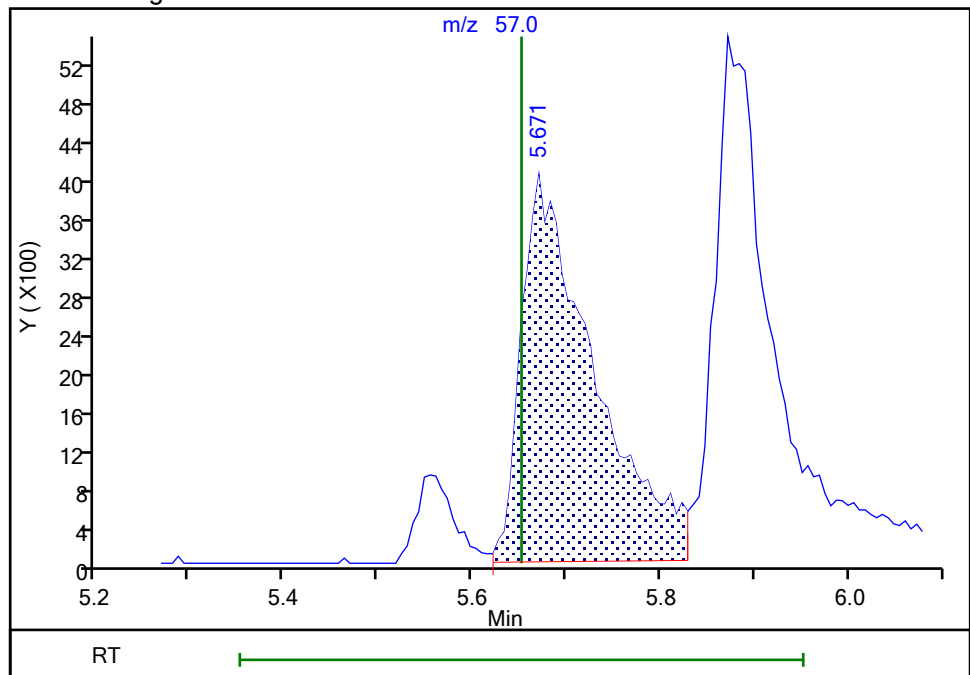
RT: 5.55
Area: 2549
Amount: 8.930675
Amount Units: ug/l

Processing Integration Results



RT: 5.67
Area: 21403
Amount: 75.097757
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:24:52

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

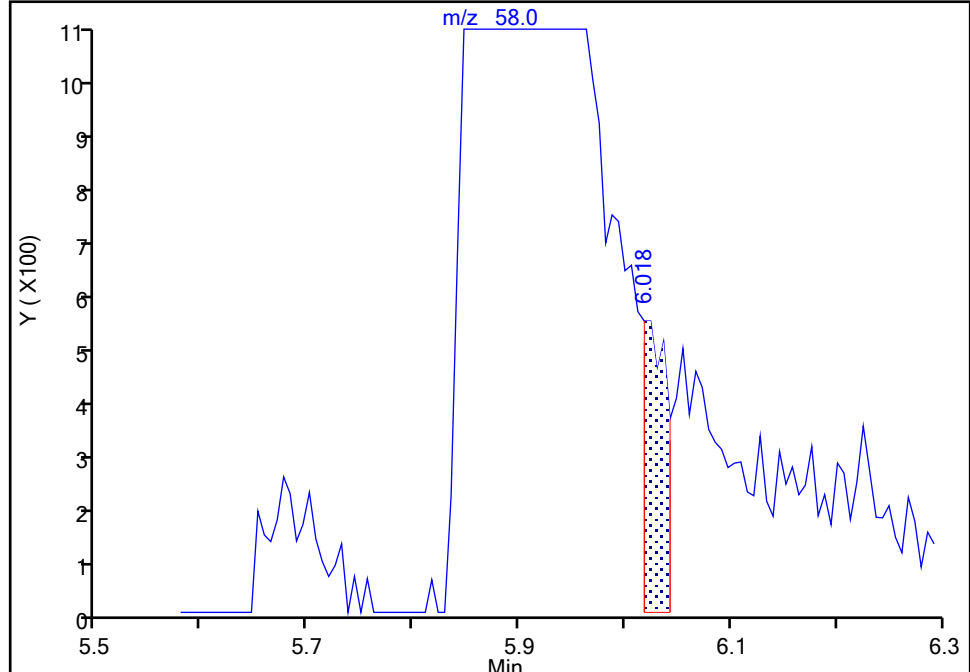
MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

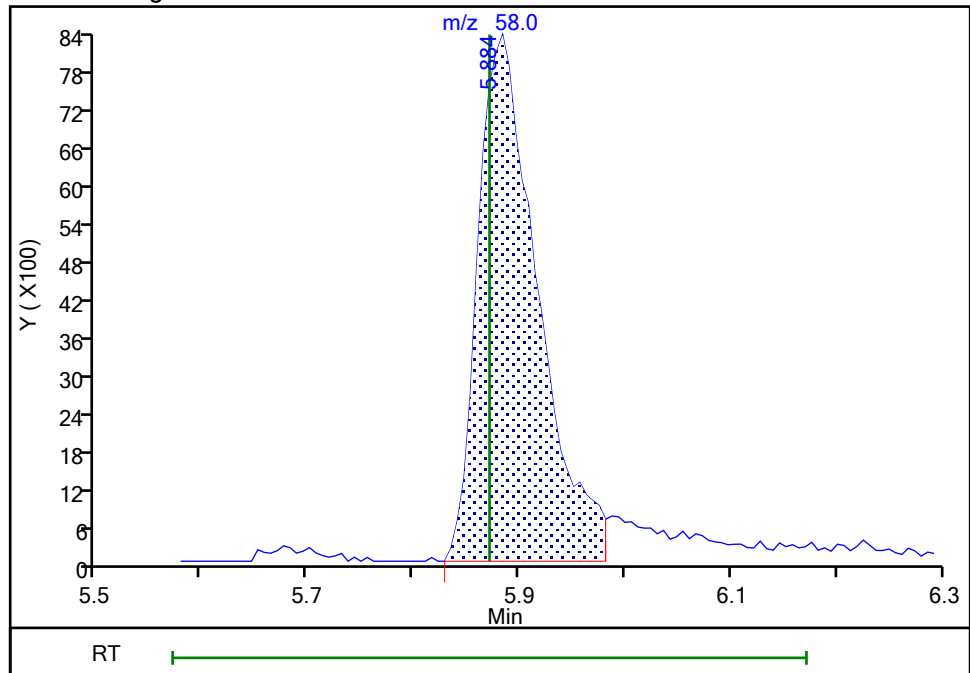
RT: 6.02
Area: 853
Amount: 0.652756
Amount Units: ug/l

Processing Integration Results



RT: 5.88
Area: 32902
Amount: 24.796415
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:25:01

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

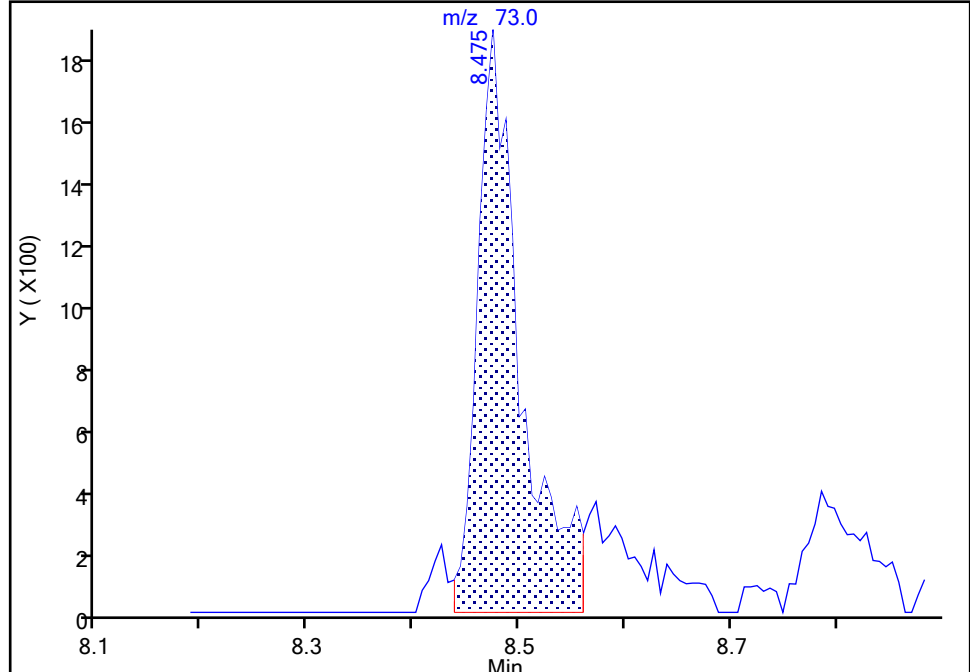
Detector: MS Quad

100 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

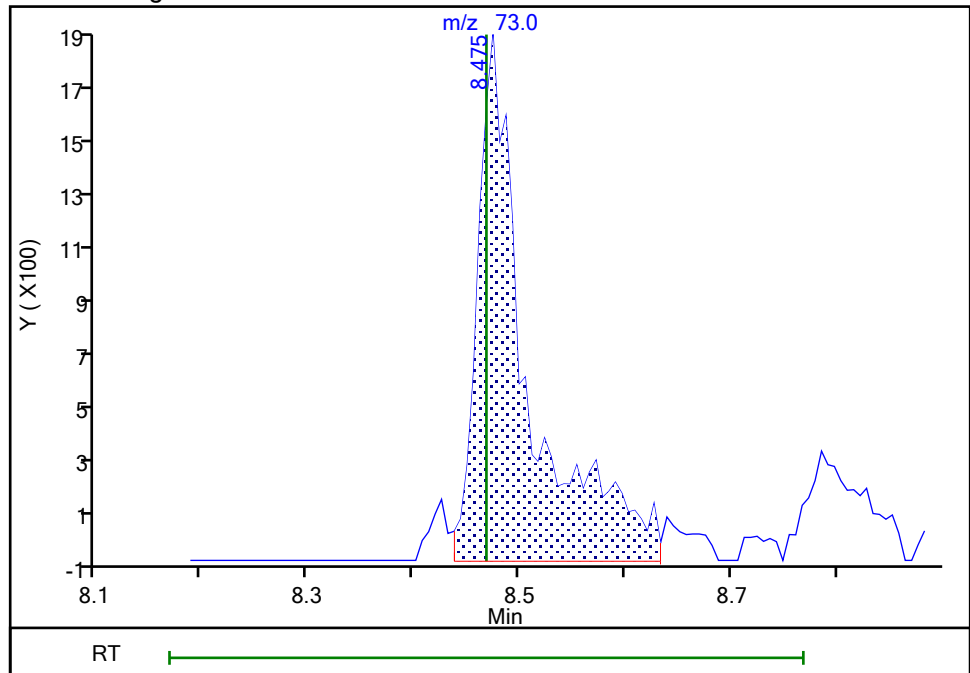
RT: 8.47
Area: 5243
Amount: 2.675111
Amount Units: ug/l

Processing Integration Results



RT: 8.47
Area: 6190
Amount: 3.157749
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:21:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

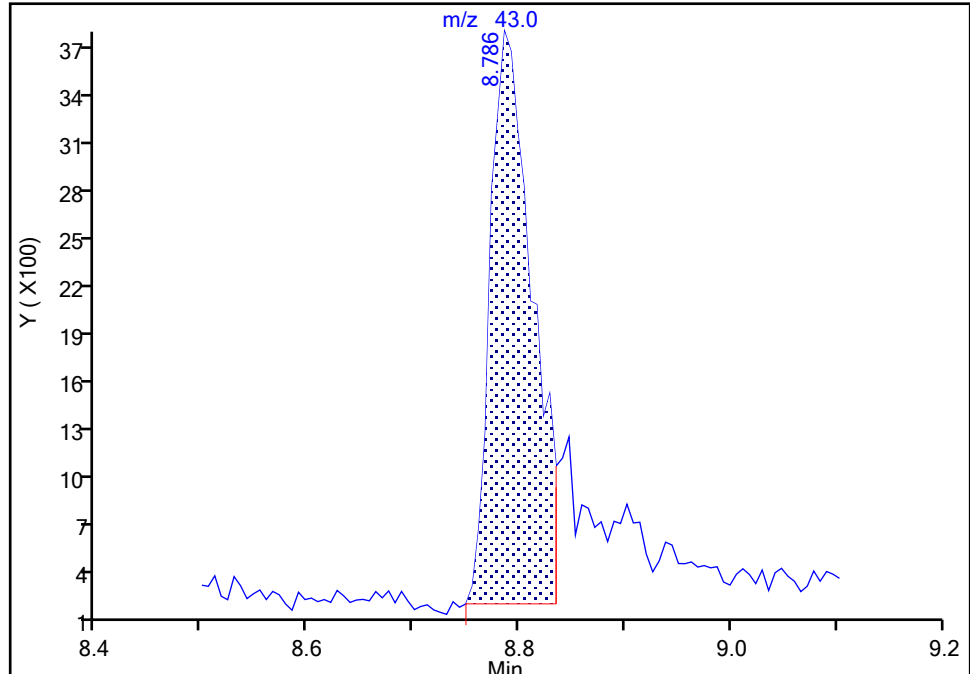
MS Quad

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

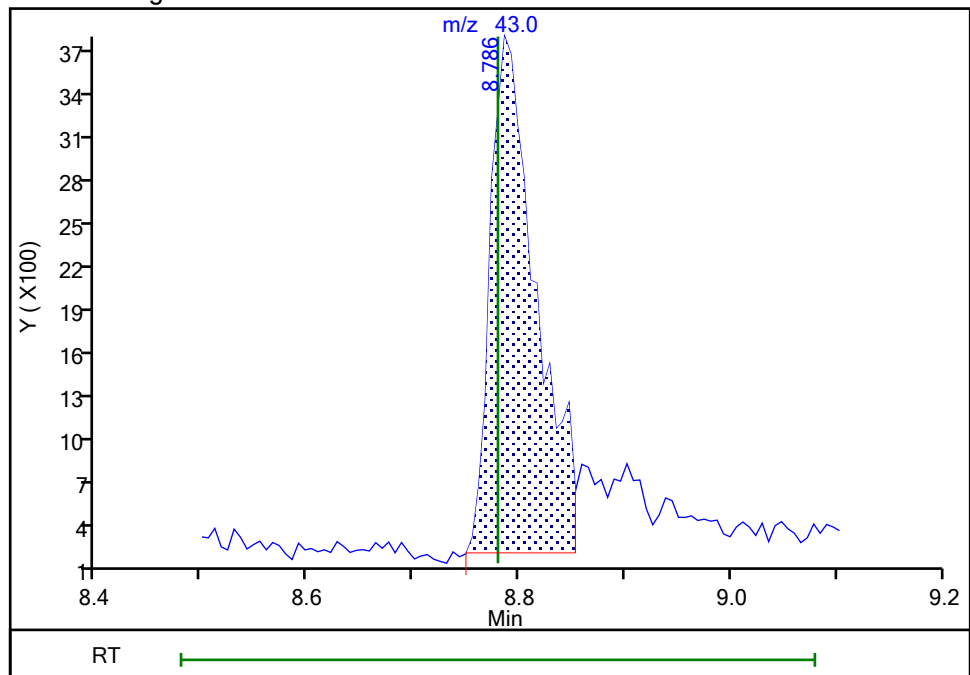
RT: 8.79
Area: 9916
Amount: 1.554368
Amount Units: ug/l

Processing Integration Results



RT: 8.79
Area: 10752
Amount: 1.685193
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:22:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

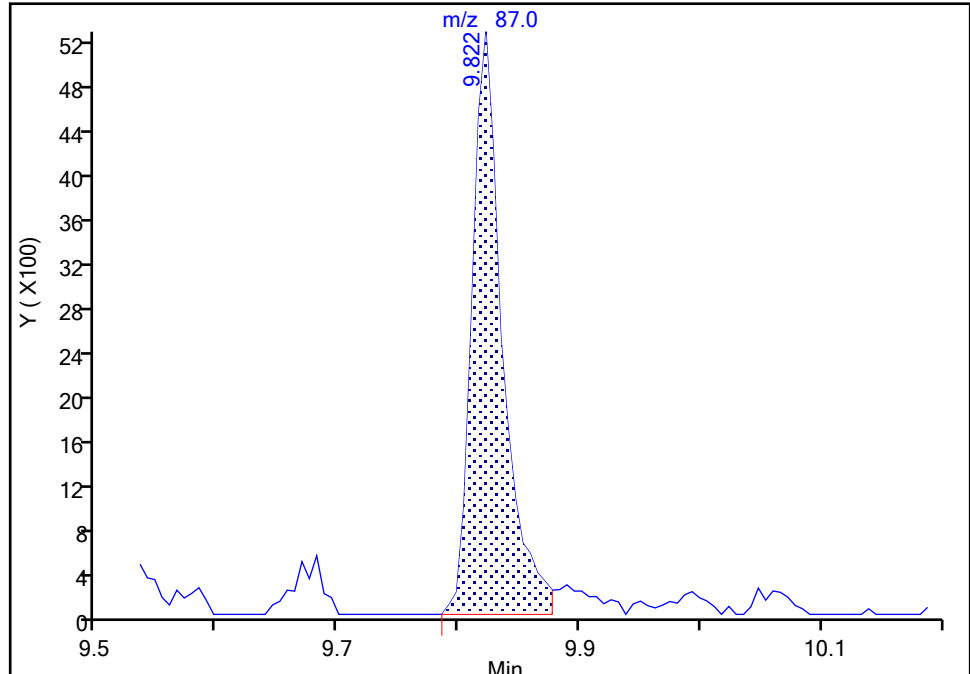
MS Quad

115 Butyl Methacrylate, CAS: 97-88-1

Signal: 1

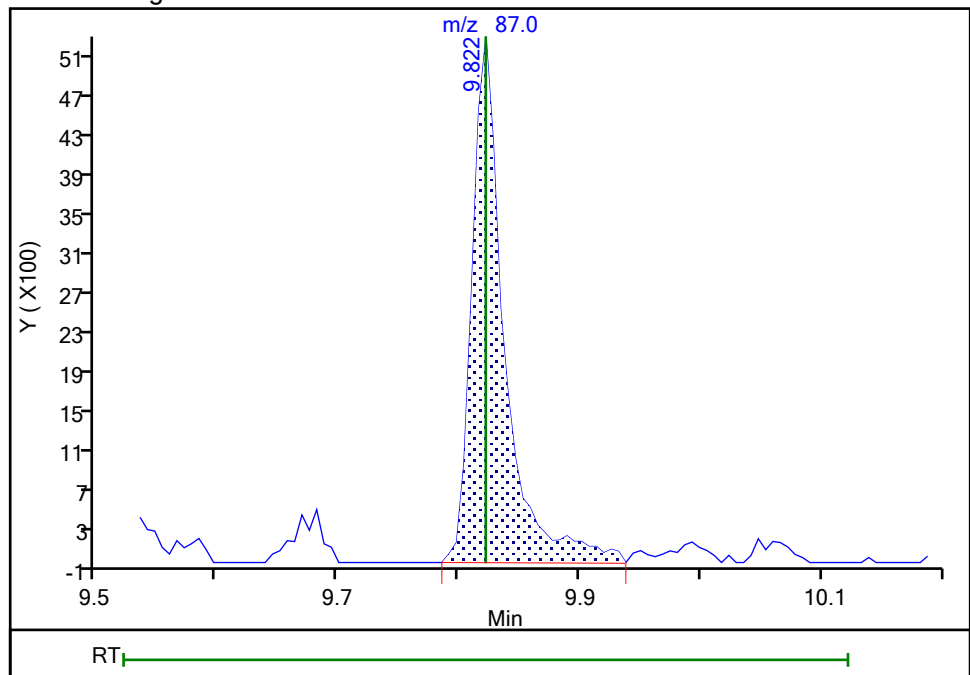
RT: 9.82
Area: 9132
Amount: 2.464391
Amount Units: ug/l

Processing Integration Results



RT: 9.82
Area: 9734
Amount: 2.626426
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:23:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44006.D

Injection Date: 10-Sep-2021 08:01:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

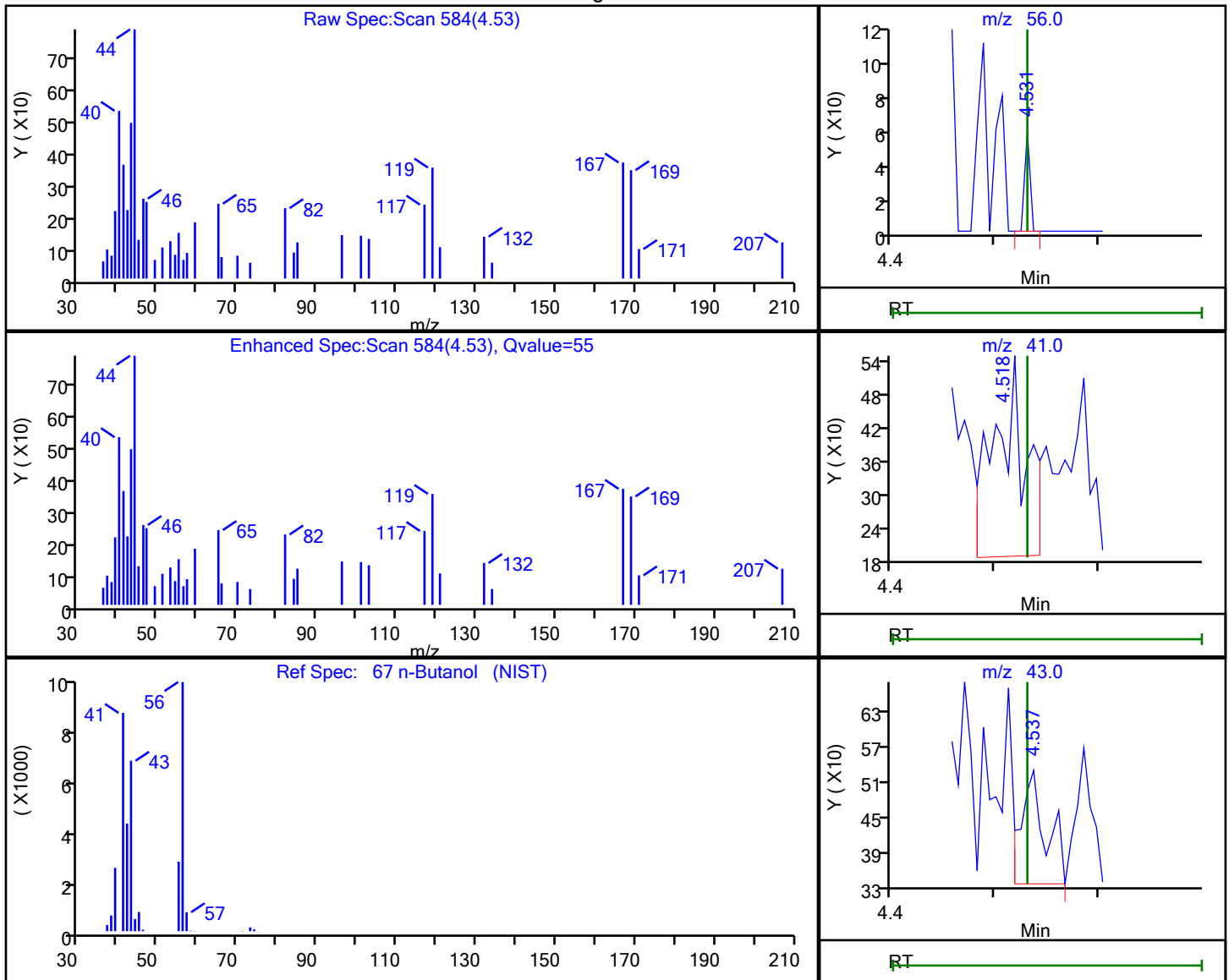
Column: DB-624 (0.18 mm)

Detector

MS Quad

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.53	56.00	22	0.453166
4.52	41.00	758	
4.54	43.00	316	

Reviewer: baronm, 10-Sep-2021 18:24:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 10-Sep-2021 08:22:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0134348-006
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 10-Sep-2021 19:41:40 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: desais

Date: 10-Sep-2021 08:39:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.147	1.147	0.000	74	6602	20.0	18.1	
3 Chlorotrifluoroethene	116	1.208	1.208	0.000	93	27567	20.0	18.5	
2 1,1-Difluoroethane	65	1.220	1.220	0.000	94	55731	20.0	19.8	
4 Dichlorodifluoromethane	85	1.232	1.232	0.000	61	93155	20.0	18.3	
5 Chlorodifluoromethane	67	1.244	1.244	0.000	99	18744	20.0	19.1	
6 Chloromethane	50	1.372	1.372	0.000	99	115478	20.0	19.6	
8 Butadiene	54	1.427	1.427	0.000	92	85258	20.0	19.9	
7 Vinyl chloride	62	1.433	1.433	0.000	98	101992	20.0	20.3	
9 Bromomethane	94	1.647	1.647	0.000	98	61229	20.0	20.8	
10 Chloroethane	64	1.683	1.683	0.000	99	54637	20.0	23.7	
12 Trichlorofluoromethane	101	1.830	1.830	0.000	45	112552	20.0	20.0	a
11 Dichlorofluoromethane	67	1.830	1.830	0.000	89	183465	20.0	21.2	
13 Pentane	72	1.830	1.830	0.000	96	25870	40.0	41.1	
15 Ethyl ether	74	1.982	1.982	0.000	92	50629	20.0	20.9	
14 Ethanol	46	1.988	1.988	0.000	74	10263	800.0	605.2	
16 2-Methyl-1,3-butadiene	53	1.994	1.994	0.000	97	75778	20.0	20.2	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.037	2.037	0.000	90	73172	20.0	21.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.080	2.080	0.000	94	125661	20.0	21.3	a
19 Acrolein	56	2.116	2.116	0.000	94	27986	40.6	41.1	
20 112TCTFE	101	2.141	2.141	0.000	89	67597	20.0	20.1	a
21 1,1-Dichloroethene	96	2.147	2.147	0.000	95	73130	20.0	20.8	
22 Acetone	43	2.220	2.220	0.000	86	139523	100.0	92.9	
23 Iodomethane	142	2.269	2.269	0.000	99	132434	20.0	21.1	
24 Carbon disulfide	76	2.293	2.293	0.000	100	307180	20.0	20.6	
25 Isopropyl alcohol	45	2.323	2.323	0.000	92	35309	200.0	201.9	a
26 3-Chloro-1-propene	76	2.390	2.390	0.000	89	53040	20.0	18.7	
27 Methyl acetate	43	2.409	2.409	0.000	63	106516	40.0	37.2	
28 Cyclopentene	67	2.409	2.409	0.000	93	195280	20.0	20.6	
29 Acetonitrile	41	2.476	2.470	0.006	97	125662	200.0	215.7	
30 Methylene Chloride	84	2.506	2.506	0.000	99	96490	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.531	2.531	0.000	97	29675	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.586	2.586	0.000	93	67778	200.0	194.0	a
33 Methyl tert-butyl ether	73	2.640	2.640	0.000	98	226488	20.0	20.6	
34 trans-1,2-Dichloroethene	96	2.653	2.653	0.000	98	84145	20.0	21.3	
35 Acrylonitrile	53	2.720	2.720	0.000	94	326795	200.0	206.4	
36 Hexane	57	2.781	2.781	0.000	95	104879	20.0	20.0	
37 Isopropyl ether	45	2.970	2.970	0.000	98	309104	20.0	20.7	
38 1,1-Dichloroethane	63	2.982	2.982	0.000	99	170030	20.0	20.9	
39 Vinyl acetate	86	3.000	3.000	0.000	99	16208	40.0	34.7	
40 2-Chloro-1,3-butadiene	88	3.018	3.018	0.000	92	72052	20.0	21.1	
41 Tert-butyl ethyl ether	59	3.238	3.238	0.000	87	218978	20.0	19.0	
* 42 2-Butanone-d5	46	3.390	3.390	0.000	96	303713	250.0	250.0	a
43 2,2-Dichloropropane	97	3.421	3.421	0.000	83	16263	20.0	17.4	
44 cis-1,2-Dichloroethene	96	3.433	3.433	0.000	92	90772	20.0	21.1	
45 2-Butanone (MEK)	72	3.439	3.439	0.000	96	41415	100.0	100.0	
46 Ethyl acetate	70	3.445	3.445	0.000	96	12915	40.0	38.7	
47 Methyl acrylate	55	3.488	3.488	0.000	98	54831	20.0	17.9	a
48 Propionitrile	54	3.585	3.585	0.000	96	100716	200.0	241.5	
49 Chlorobromomethane	128	3.628	3.628	0.000	96	44616	20.0	21.4	
51 Methacrylonitrile	67	3.634	3.634	0.000	95	301212	200.0	213.3	
50 Tetrahydrofuran	72	3.634	3.634	0.000	51	21992	40.0	40.0	
52 Chloroform	83	3.677	3.677	0.000	98	145914	20.0	21.6	
53 Cyclohexane	84	3.787	3.787	0.000	97	103627	20.0	20.3	
54 1,1,1-Trichloroethane	97	3.805	3.805	0.000	96	93081	20.0	19.3	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.817	0.000	96	130662	50.0	52.4	
56 Carbon tetrachloride	117	3.908	3.908	0.000	95	60032	20.0	17.6	
57 1,1-Dichloropropene	75	3.933	3.933	0.000	95	103009	20.0	19.8	
58 Isobutyl alcohol	43	4.085	4.085	0.000	37	53600	500.0	465.3	a
59 Isooctane	57	4.091	4.091	0.000	100	256539	20.0	19.5	
60 Benzene	78	4.104	4.104	0.000	97	302829	20.0	20.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	97	161394	50.0	51.9	
62 Tert-amyl methyl ether	73	4.177	4.177	0.000	92	221421	20.0	19.5	
64 1,2-Dichloroethane	62	4.183	4.183	0.000	95	103894	20.0	20.2	
63 Isopropyl acetate	61	4.189	4.189	0.000	94	34822	20.0	19.5	
65 n-Heptane	100	4.262	4.262	0.000	95	15363	20.0	19.0	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	447466	50.0	50.0	
68 Trichloroethene	95	4.689	4.689	0.000	96	72047	20.0	19.6	
69 Methylcyclohexane	83	4.799	4.799	0.000	96	114217	20.0	19.5	
70 Ethyl acrylate	99	4.823	4.823	0.000	99	7422	20.0	17.9	a
71 1,2-Dichloropropane	63	4.951	4.951	0.000	92	79962	20.0	19.8	
73 Methyl methacrylate	100	5.049	5.049	0.000	94	24009	40.0	32.8	
* 72 1,4-Dioxane-d8	96	5.061	5.061	0.000	44	22548	1000.0	1000.0	
74 Dibromomethane	93	5.067	5.067	0.000	96	46160	20.0	20.6	
75 1,4-Dioxane	88	5.097	5.097	0.000	77	14024	400.0	415.7	
76 n-Propyl acetate	43	5.116	5.116	0.000	99	77962	20.0	15.4	
77 Dichlorobromomethane	83	5.219	5.219	0.000	99	78626	20.0	18.4	
78 2-Nitropropane	41	5.542	5.542	0.000	77	18801	40.0	32.8	
79 2-Chloroethyl vinyl ether	63	5.555	5.555	0.000	92	38298	20.0	19.1	
80 Epichlorohydrin	57	5.652	5.652	0.000	100	119170	400.0	359.9	a
81 cis-1,3-Dichloropropene	75	5.689	5.689	0.000	98	91839	20.0	17.9	
82 4-Methyl-2-pentanone (MIBK)	58	5.872	5.872	0.000	98	150365	100.0	97.5	a
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	436025	50.0	50.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	5.987	5.987	0.000	93	281352	20.0	19.9	
85 trans-1,3-Dichloropropene	75	6.335	6.335	0.000	98	64362	20.0	17.1	
86 Ethyl methacrylate	69	6.396	6.396	0.000	92	64052	20.0	16.2	
87 1,1,2-Trichloroethane	83	6.536	6.536	0.000	95	53536	20.0	20.0	
88 Tetrachloroethene	166	6.560	6.560	0.000	96	65223	20.0	20.1	
89 1,3-Dichloropropane	76	6.731	6.731	0.000	96	105894	20.0	20.0	
90 2-Hexanone	43	6.829	6.829	0.000	99	219260	100.0	84.9	
92 Chlorodibromomethane	129	6.944	6.944	0.000	98	44694	20.0	17.7	
91 n-Butyl acetate	43	6.957	6.957	0.000	99	100573	20.0	19.1	
93 Ethylene Dibromide	107	7.079	7.079	0.000	99	46210	20.0	18.1	
* 94 Chlorobenzene-d5	117	7.615	7.615	0.000	89	320849	50.0	50.0	
95 Chlorobenzene	112	7.646	7.646	0.000	92	180550	20.0	20.2	
96 Ethylbenzene	106	7.767	7.767	0.000	99	98858	20.0	20.6	
97 1,1,1,2-Tetrachloroethane	131	7.780	7.780	0.000	85	46394	20.0	17.9	
98 m-Xylene & p-Xylene	106	7.920	7.920	0.000	98	117363	20.0	20.5	
99 o-Xylene	106	8.426	8.426	0.000	93	120758	20.0	20.3	
100 n-Butyl acrylate	73	8.469	8.469	0.000	96	35538	20.0	15.6	
101 Styrene	104	8.469	8.469	0.000	95	194332	20.0	21.6	
102 Bromoform	173	8.712	8.712	0.000	95	26410	20.0	17.3	
103 Amyl acetate (mixed isomers)	43	8.779	8.779	0.000	89	82024	20.0	11.6	
104 Isopropylbenzene	105	8.901	8.901	0.000	97	331532	20.0	21.0	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	125480	50.0	51.2	
106 Bromobenzene	156	9.304	9.304	0.000	95	76007	20.0	18.9	
107 1,1,2,2-Tetrachloroethane	83	9.407	9.407	0.000	97	90764	20.0	18.8	
108 N-Propylbenzene	91	9.426	9.426	0.000	98	398368	20.0	19.5	
109 1,2,3-Trichloropropane	110	9.450	9.450	0.000	97	24798	20.0	20.2	
110 trans-1,4-Dichloro-2-butene	53	9.493	9.493	0.000	67	20533	20.0	18.4	
111 2-Chlorotoluene	91	9.535	9.535	0.000	97	259465	20.0	19.6	
112 4-Ethyltoluene	105	9.572	9.572	0.000	98	322006	20.0	20.3	
113 1,3,5-Trimethylbenzene	105	9.657	9.657	0.000	92	274686	20.0	19.8	
114 4-Chlorotoluene	91	9.676	9.676	0.000	99	267865	20.0	19.8	
115 Butyl Methacrylate	87	9.822	9.822	0.000	95	55395	20.0	13.5	
116 tert-Butylbenzene	119	9.993	9.993	0.000	93	203441	20.0	18.4	
117 1,2,4-Trimethylbenzene	105	10.060	10.060	0.000	99	283196	20.0	19.8	
118 sec-Butylbenzene	105	10.224	10.224	0.000	99	346627	20.0	19.1	
119 1,3-Dichlorobenzene	146	10.352	10.352	0.000	95	148955	20.0	19.4	
120 4-Isopropyltoluene	119	10.383	10.383	0.000	97	288002	20.0	19.5	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	97	180660	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.450	10.450	0.000	93	149687	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	10.486	10.486	0.000	99	298738	20.0	19.8	
124 Benzyl chloride	91	10.608	10.608	0.000	97	71440	20.0	13.7	
125 2,3-Dihydroindene	117	10.663	10.663	0.000	94	277058	20.0	20.1	
126 p-Diethylbenzene	119	10.755	10.755	0.000	92	152894	20.0	19.5	
127 n-Butylbenzene	92	10.773	10.773	0.000	98	170752	20.0	20.2	
128 1,2-Dichlorobenzene	146	10.803	10.803	0.000	94	147802	20.0	20.0	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	97	270655	20.0	18.8	
130 1,2-Dibromo-3-Chloropropane	157	11.523	11.523	0.000	76	10034	20.0	12.5	
131 1,3,5-Trichlorobenzene	180	11.645	11.645	0.000	95	120193	20.0	18.7	
132 1,2,4-Trichlorobenzene	180	12.157	12.157	0.000	94	114385	20.0	18.6	
133 Hexachlorobutadiene	225	12.254	12.254	0.000	94	46047	20.0	17.3	
134 Naphthalene	128	12.346	12.346	0.000	99	277667	20.0	19.0	
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	95	109205	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.4	
S 137 Xylenes, Total	100				0		40.0	40.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	35.0	
S 140 Total BTEX	1				0		100.0	101.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00130	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00143	Amount Added: 20.00	Units: uL	
GASES Li_00437	Amount Added: 20.00	Units: uL	
524freon_00042	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00048	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D

Injection Date: 10-Sep-2021 08:22:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#: 5

Worklist Smp#: 6

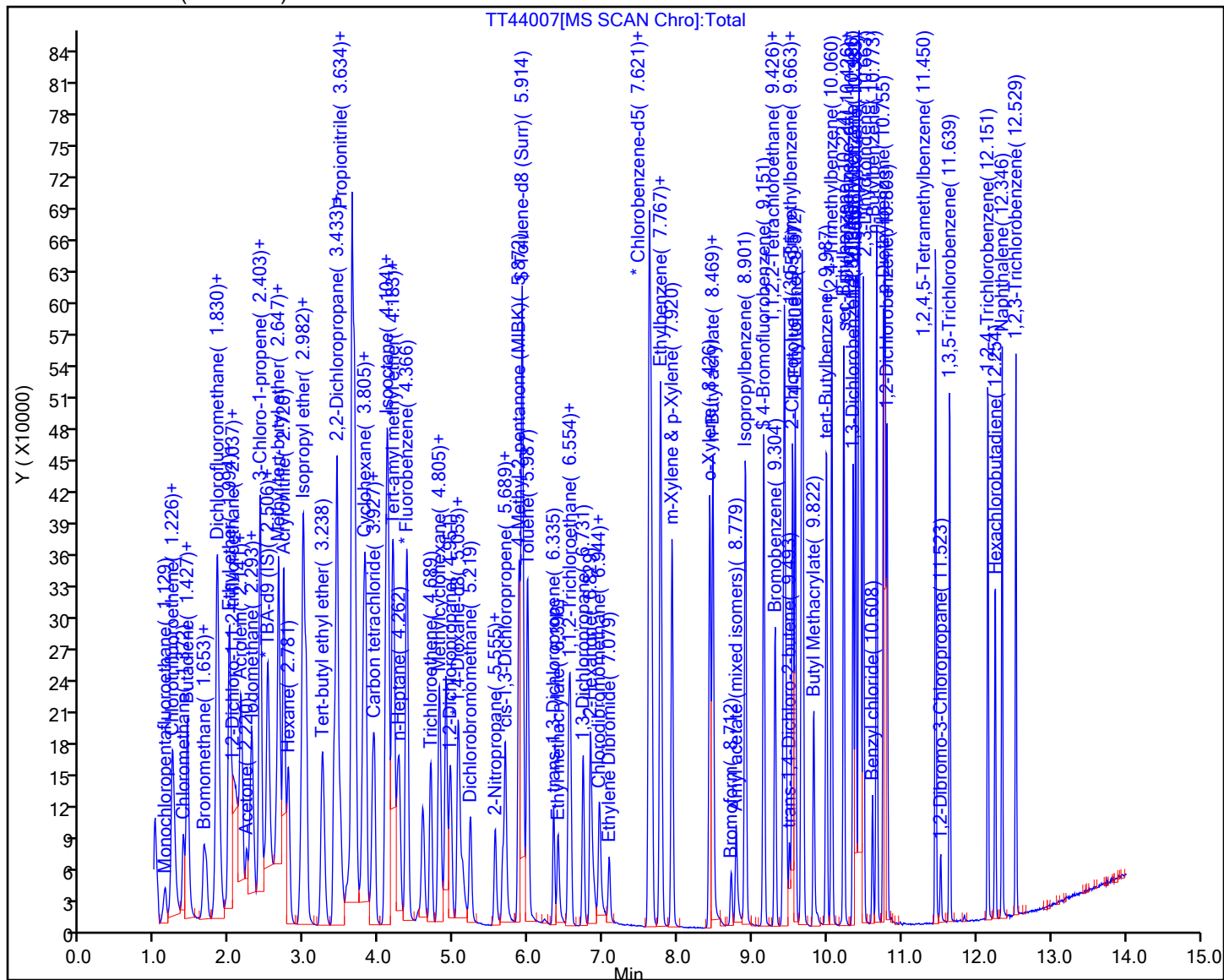
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D

Injection Date: 10-Sep-2021 08:22:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

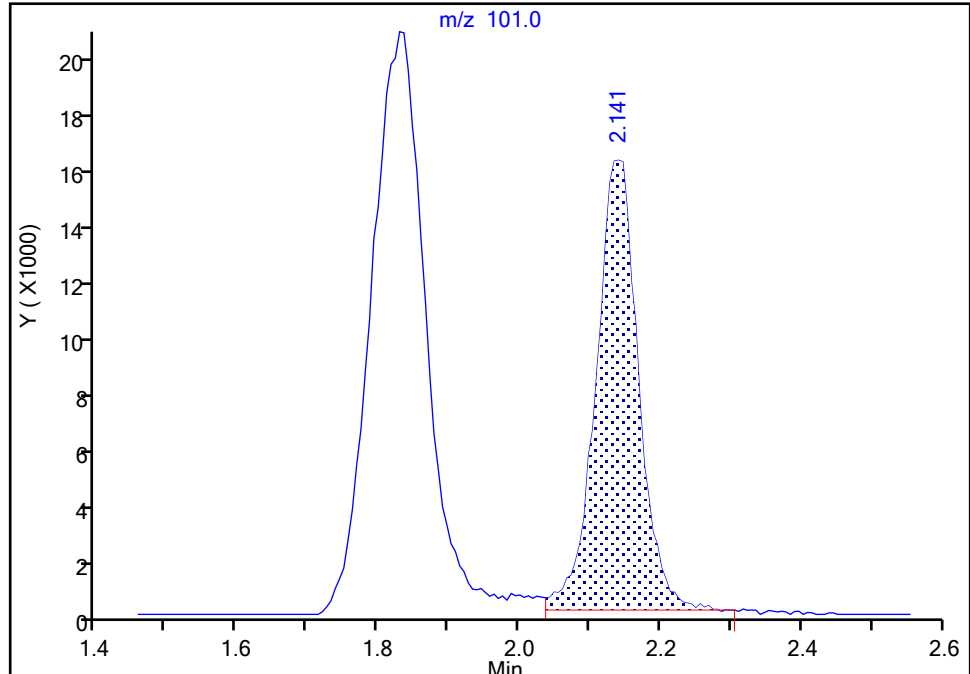
MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

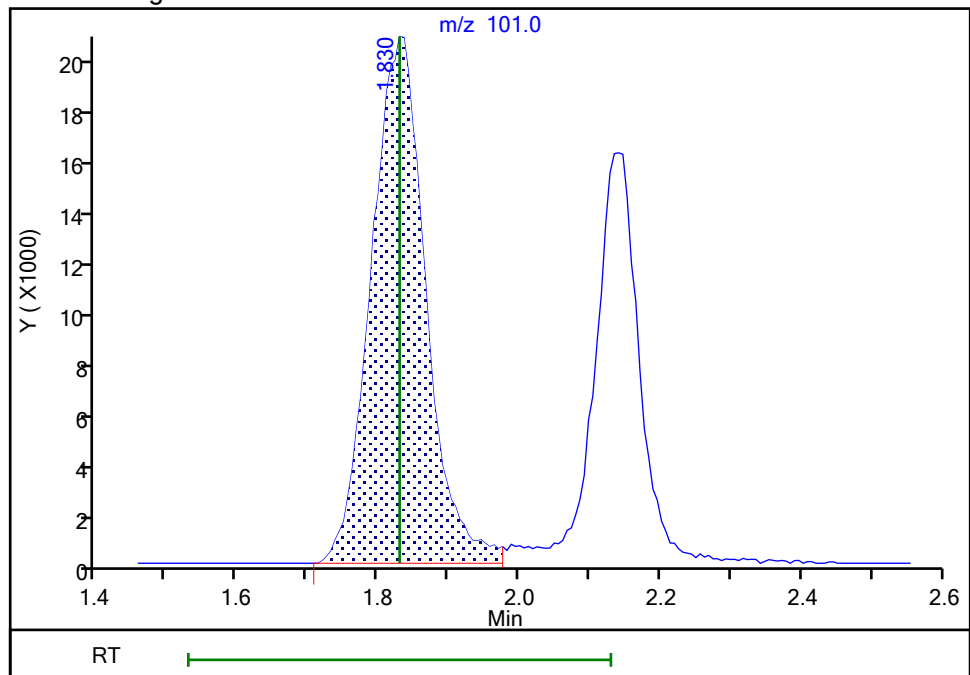
RT: 2.14
Area: 67597
Amount: 13.931389
Amount Units: ug/l

Processing Integration Results



RT: 1.83
Area: 112552
Amount: 19.985089
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:26:18

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D

Injection Date: 10-Sep-2021 08:22:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

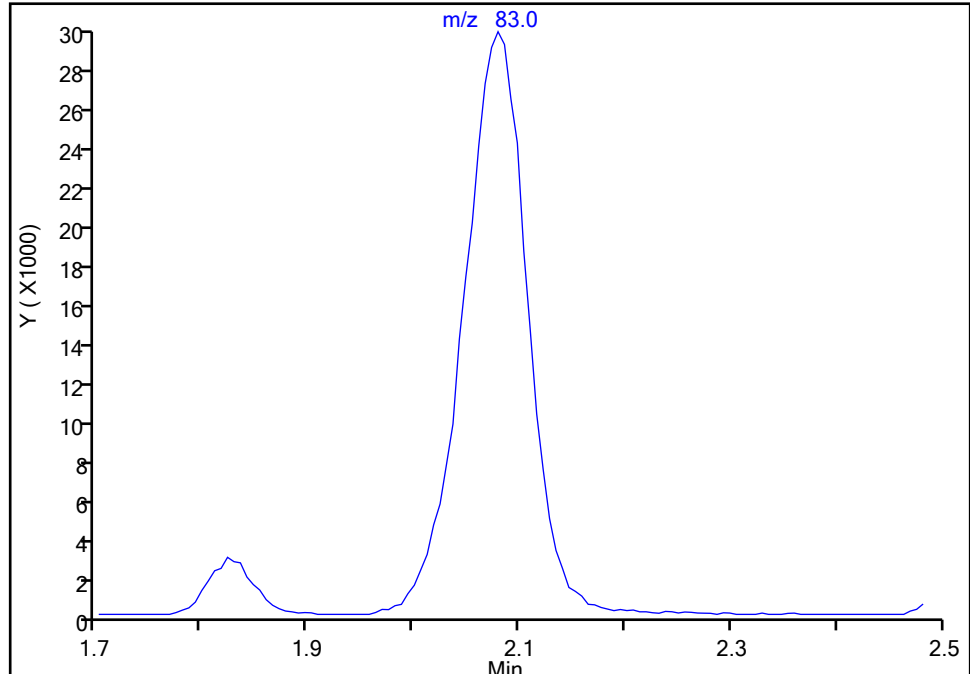
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

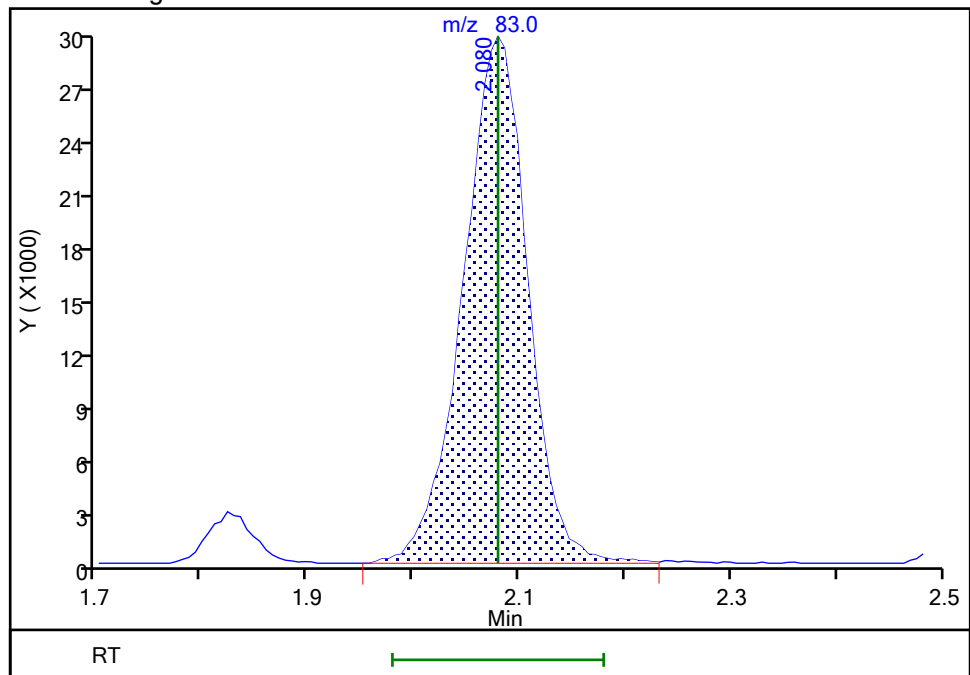
Expected RT: 2.08

Processing Integration Results



RT: 2.08
Area: 125661
Amount: 21.259777
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:26:26

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D

Injection Date: 10-Sep-2021 08:22:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

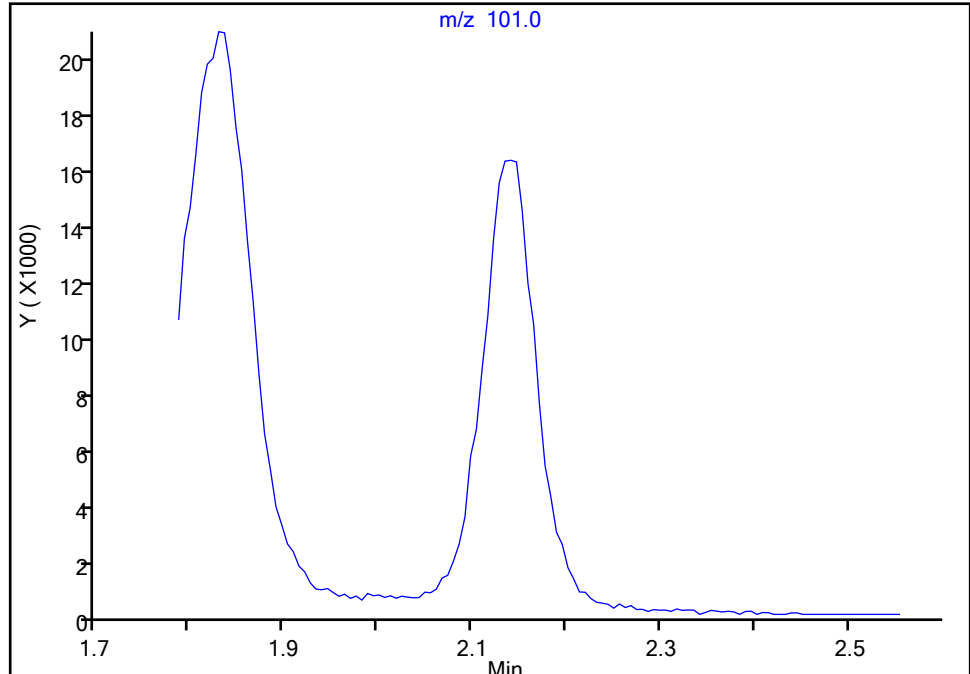
20 112TCTFE, CAS: 76-13-1

Signal: 1

Not Detected

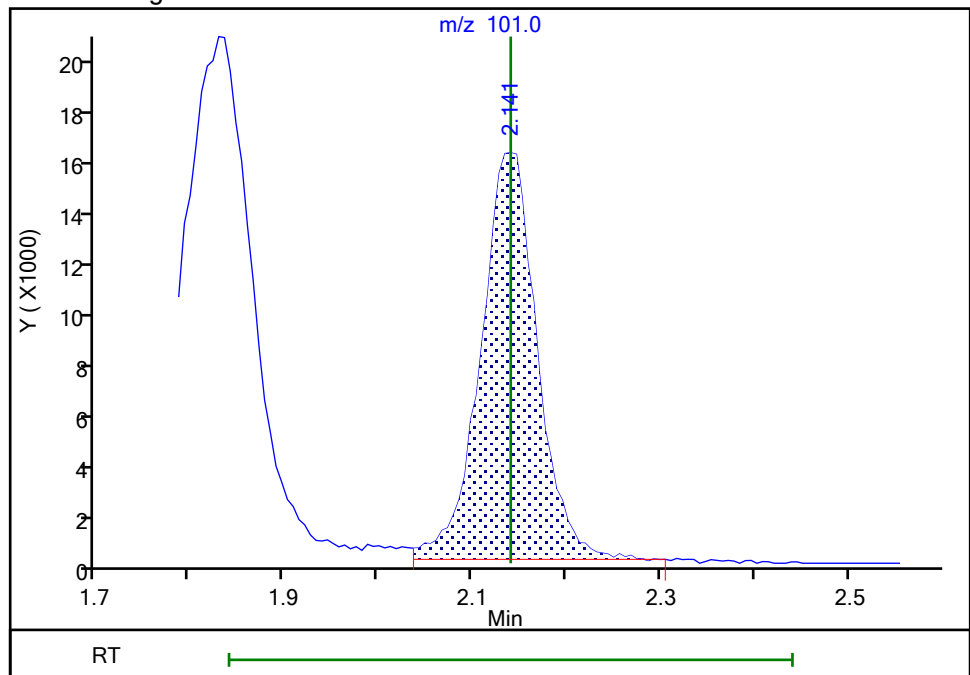
Expected RT: 2.14

Processing Integration Results



RT: 2.14
Area: 67597
Amount: 20.087366
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:26:31

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D

Injection Date: 10-Sep-2021 08:22:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

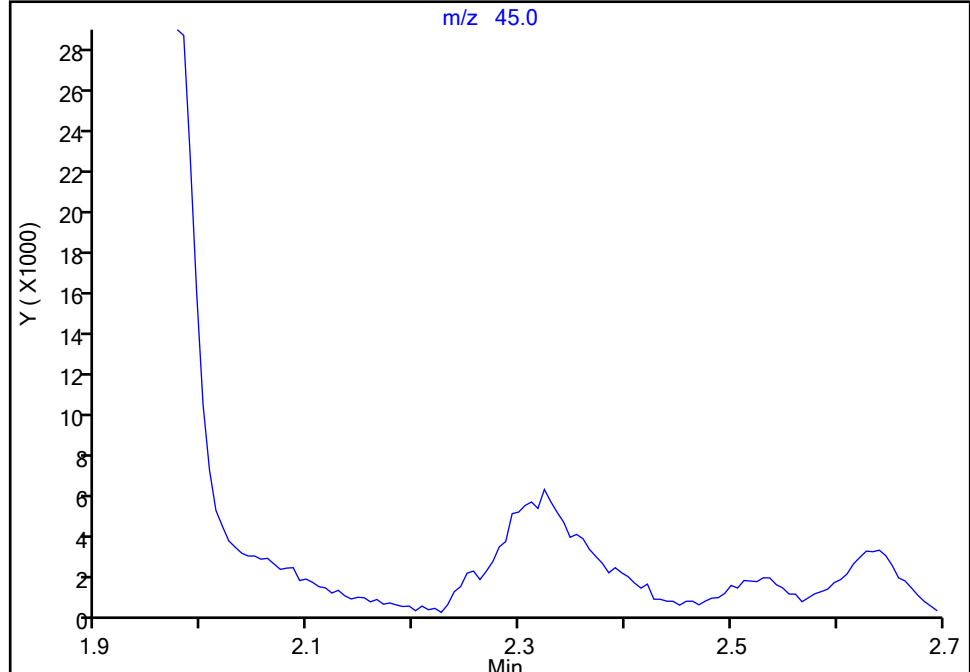
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

Not Detected

Expected RT: 2.32

Processing Integration Results



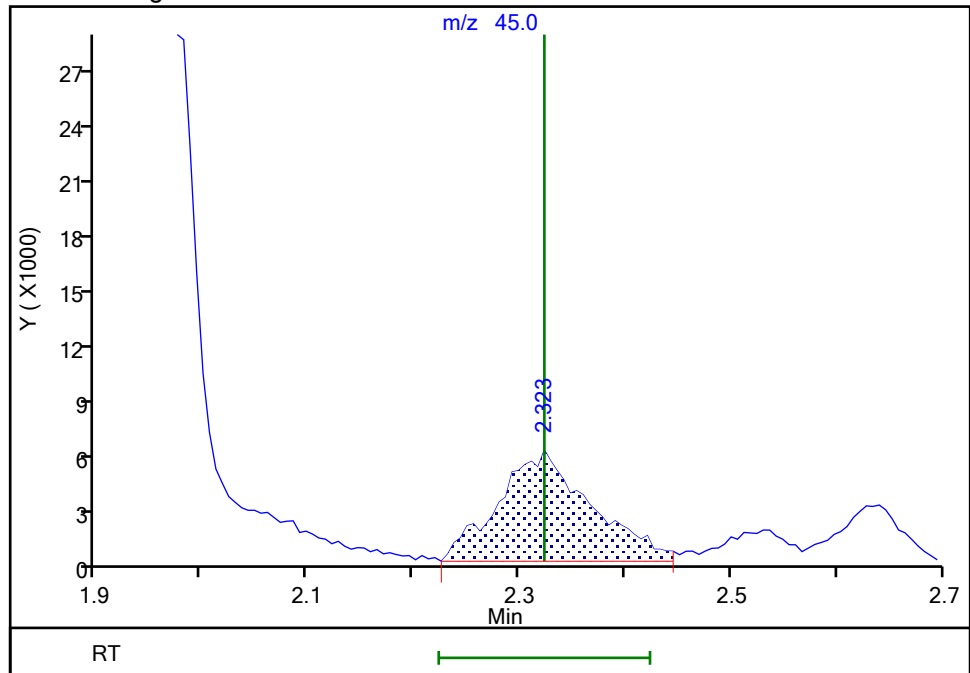
RT: 2.32

Area: 35309

Amount: 201.9466

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:26:39

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D

Injection Date: 10-Sep-2021 08:22:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

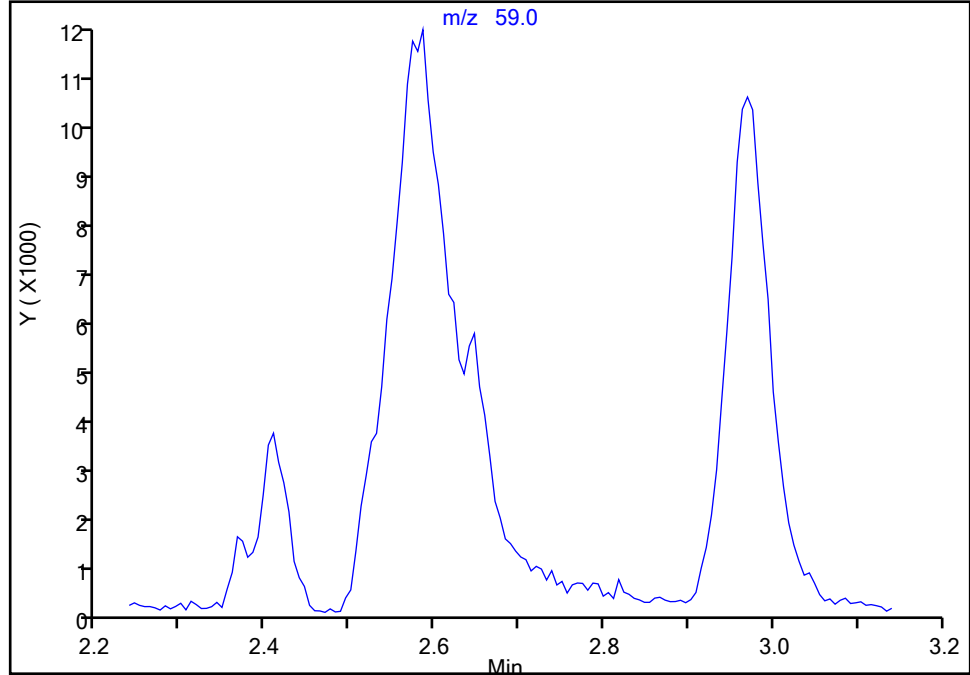
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

Not Detected

Expected RT: 2.59

Processing Integration Results



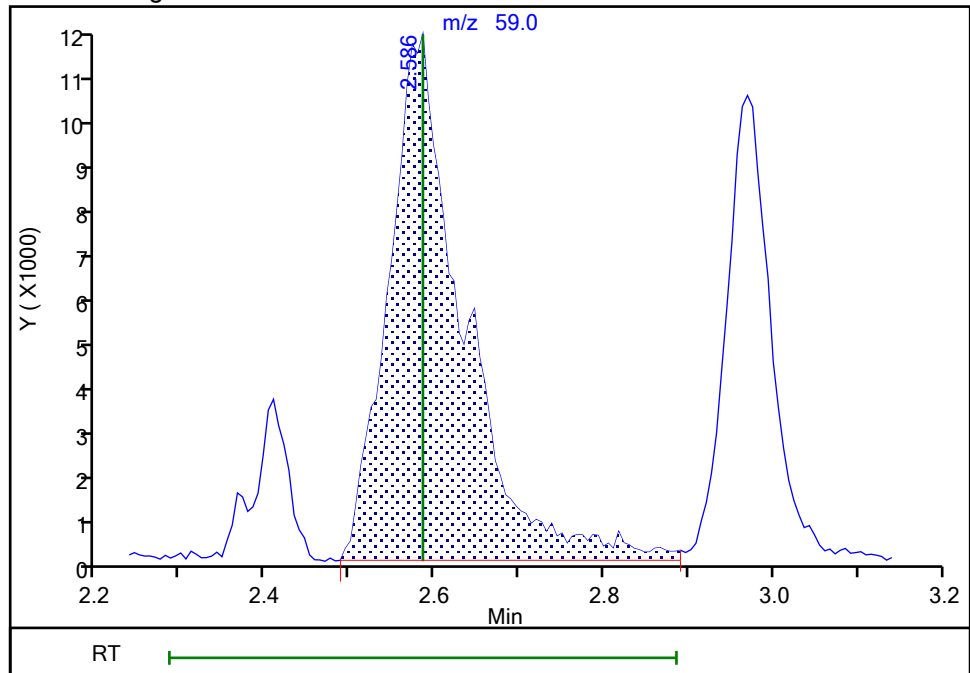
RT: 2.59

Area: 67778

Amount: 194.0148

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:26:50

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D

Injection Date: 10-Sep-2021 08:22:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

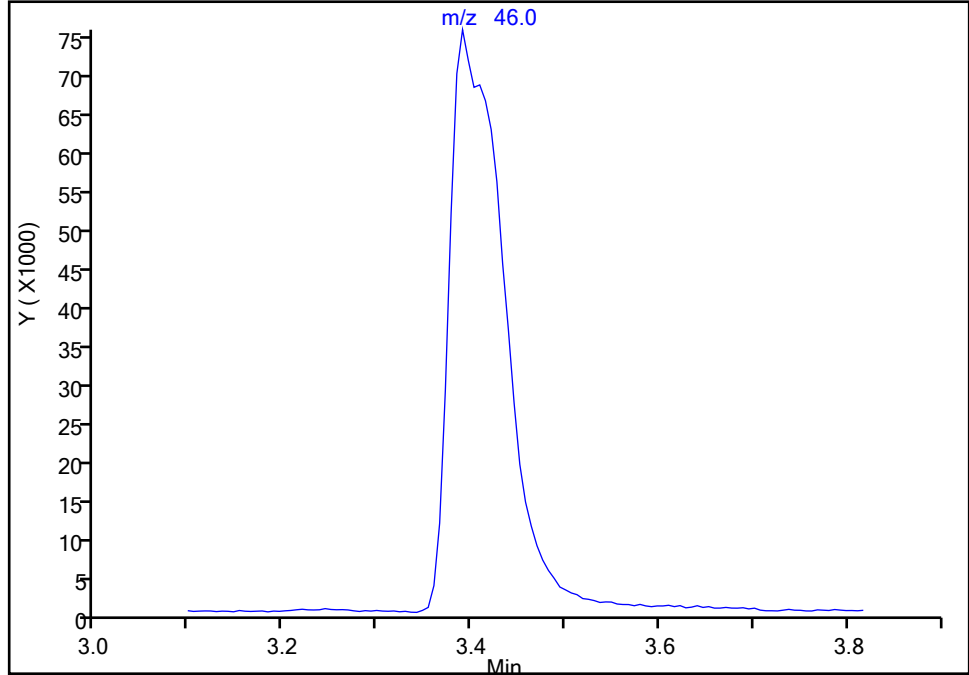
* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

Not Detected

Expected RT: 3.39

Processing Integration Results



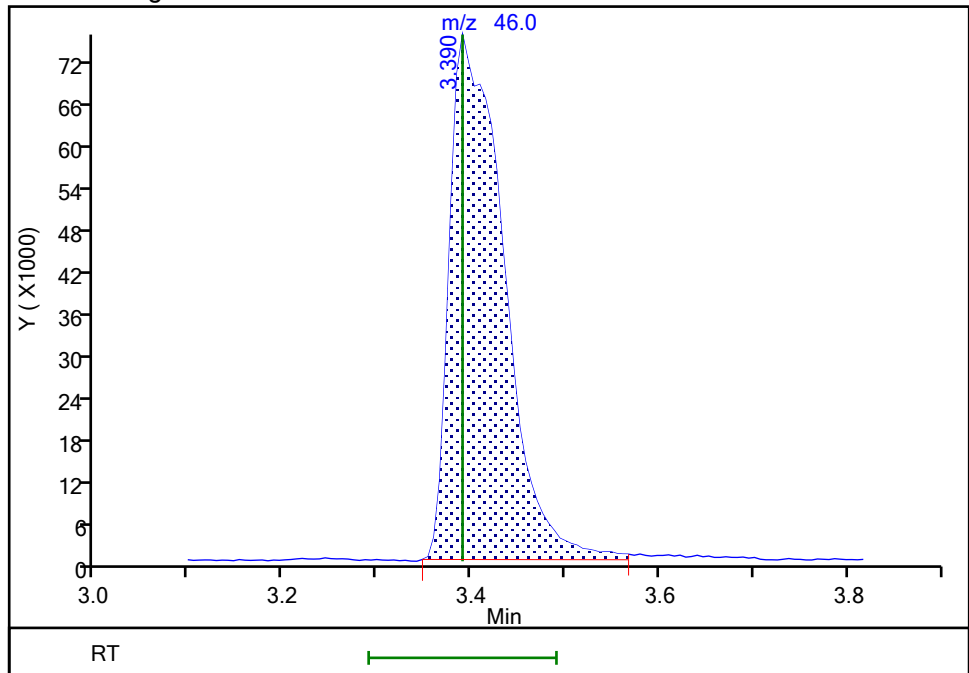
RT: 3.39

Area: 303713

Amount: 250.0000

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:25:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D

Injection Date: 10-Sep-2021 08:22:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

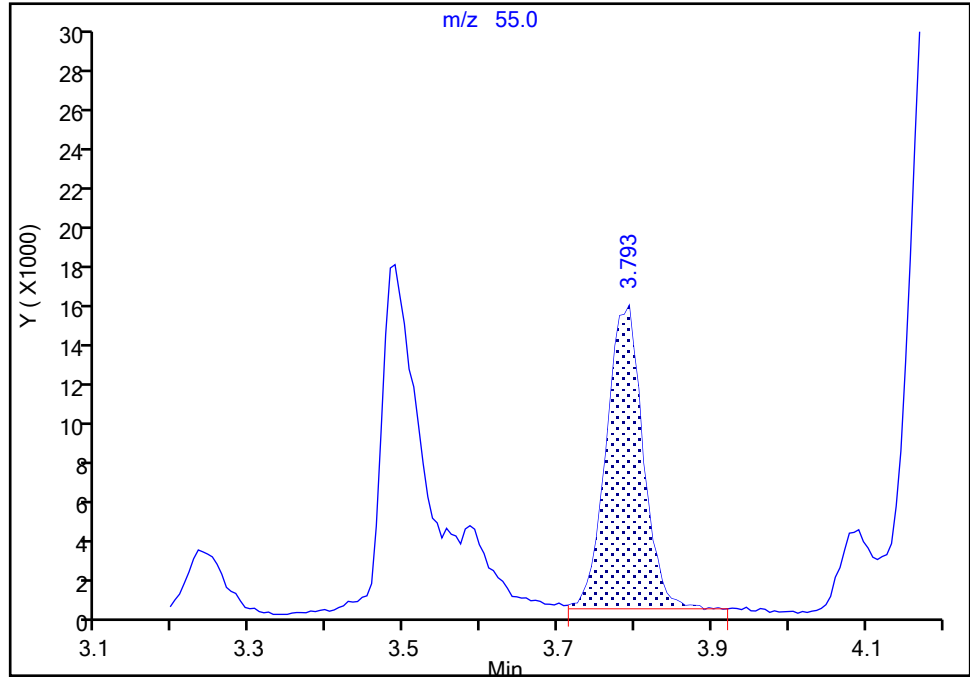
MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

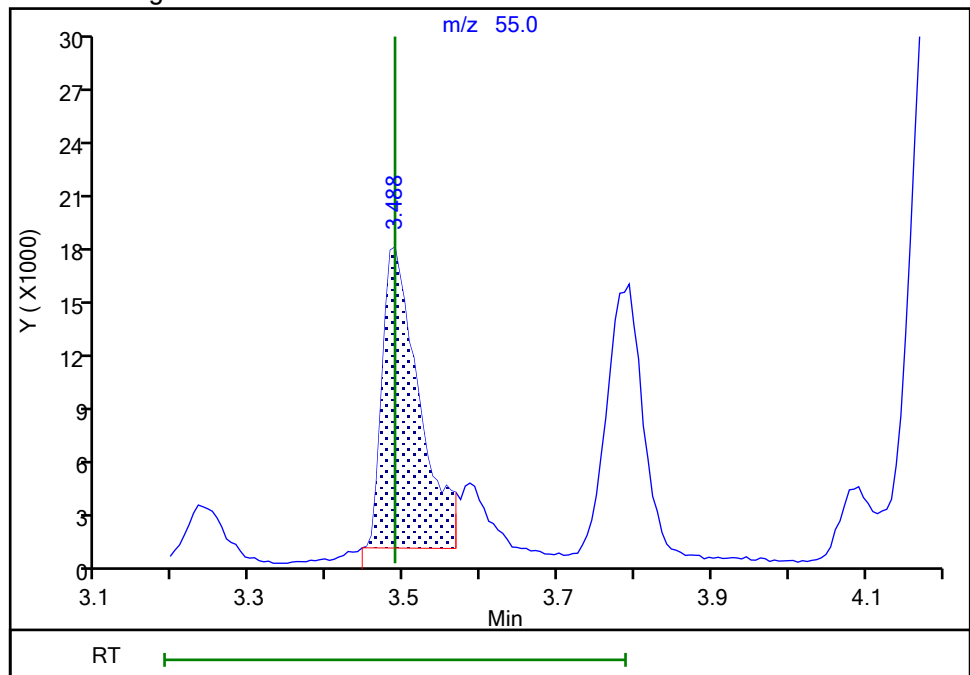
RT: 3.79
Area: 49891
Amount: 31.560678
Amount Units: ug/l

Processing Integration Results



RT: 3.49
Area: 54831
Amount: 17.929338
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:27:01

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D

Injection Date: 10-Sep-2021 08:22:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

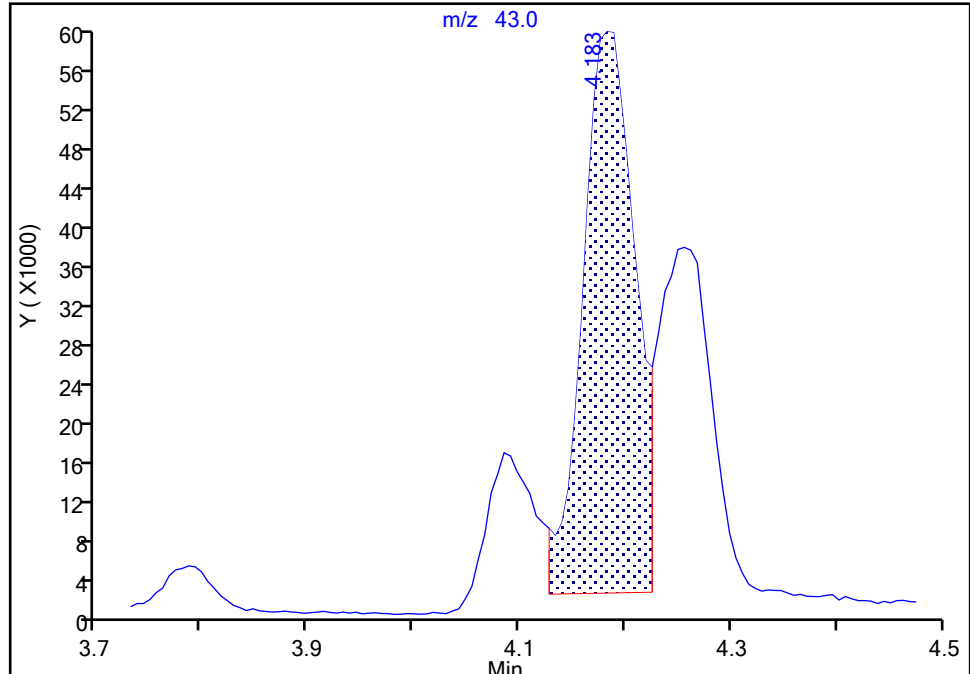
Detector: MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

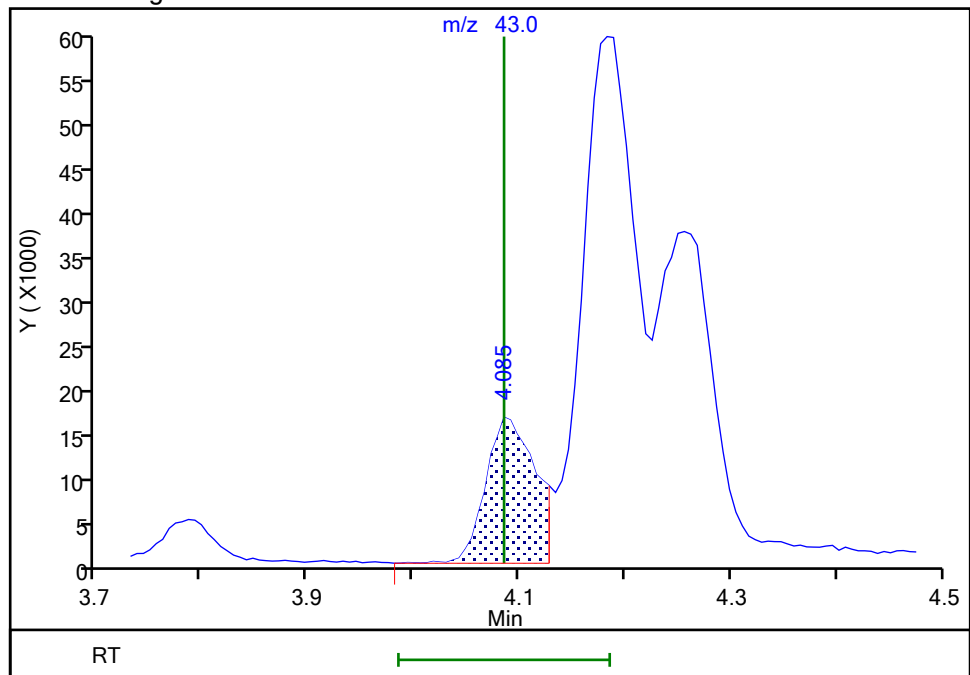
RT: 4.18
Area: 198529
Amount: 771.4868
Amount Units: ug/l

Processing Integration Results



RT: 4.09
Area: 53600
Amount: 465.2562
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:27:11

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D

Injection Date: 10-Sep-2021 08:22:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

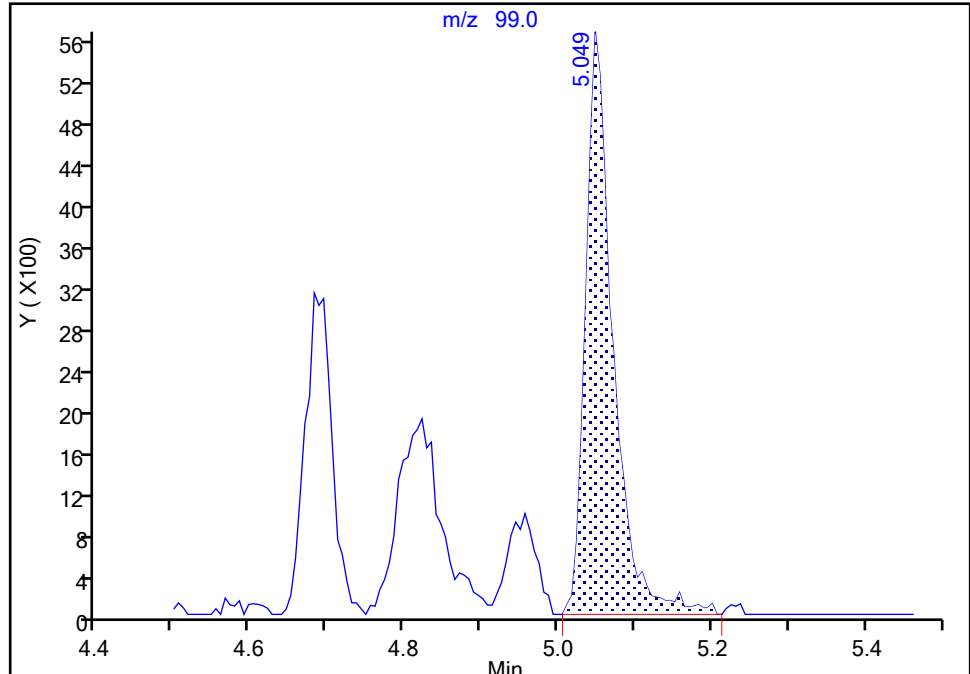
MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

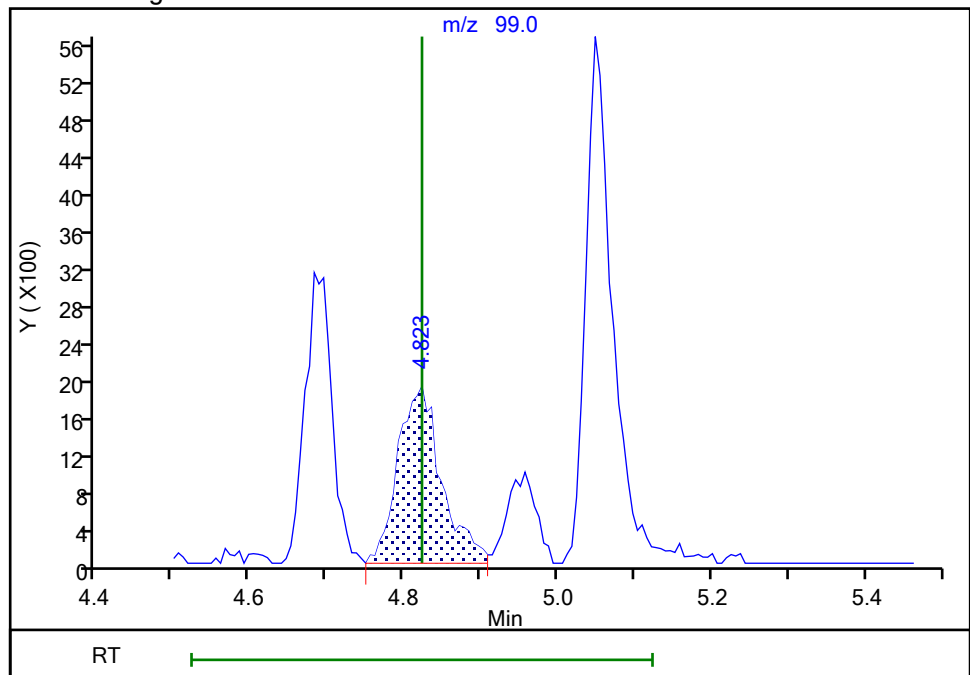
RT: 5.05
Area: 14016
Amount: 32.606928
Amount Units: ug/l

Processing Integration Results



RT: 4.82
Area: 7422
Amount: 17.942319
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:33:38

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D

Injection Date: 10-Sep-2021 08:22:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

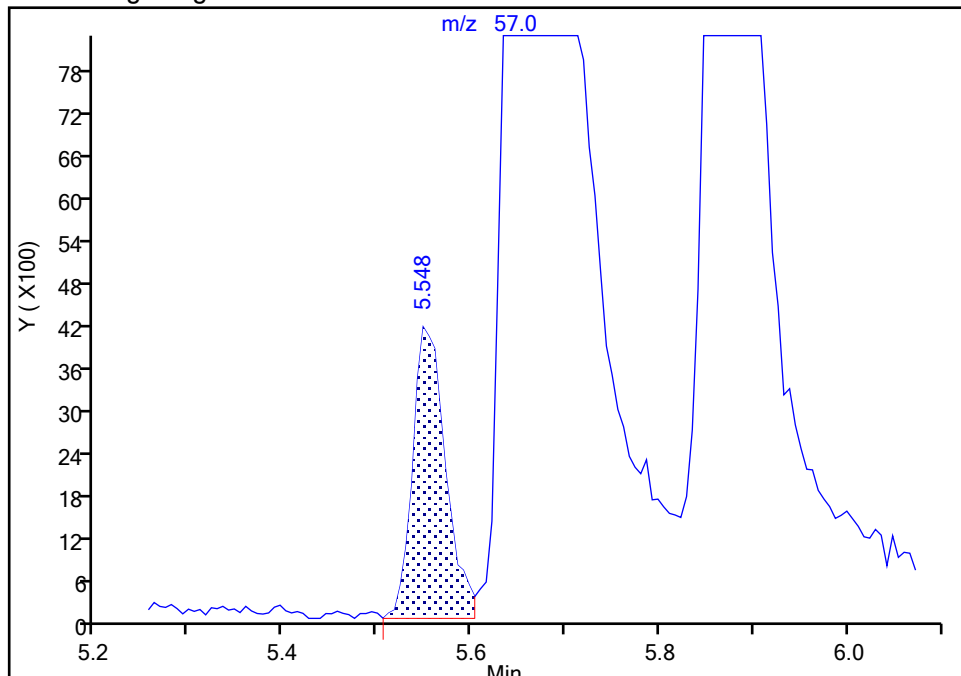
MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

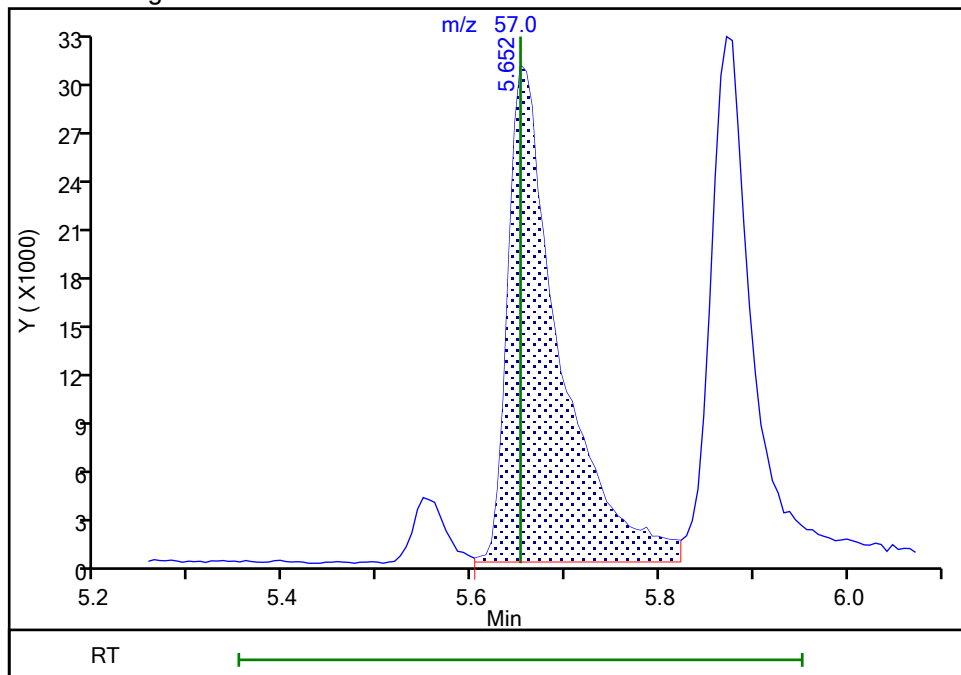
RT: 5.55
Area: 10014
Amount: 44.587226
Amount Units: ug/l

Processing Integration Results



RT: 5.65
Area: 119170
Amount: 359.8811
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:27:28

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D

Injection Date: 10-Sep-2021 08:22:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

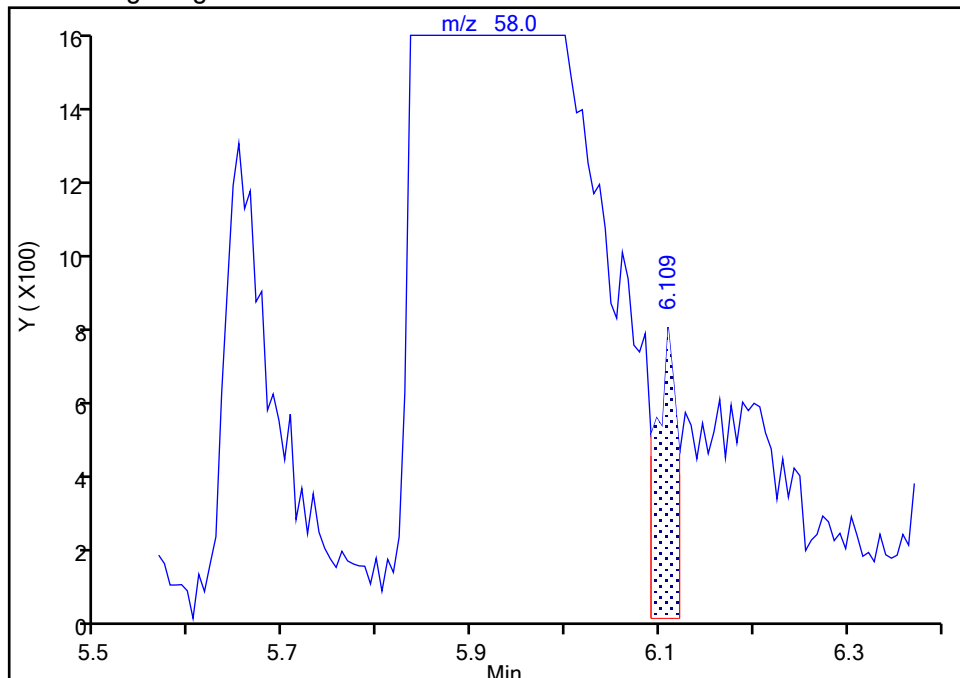
MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

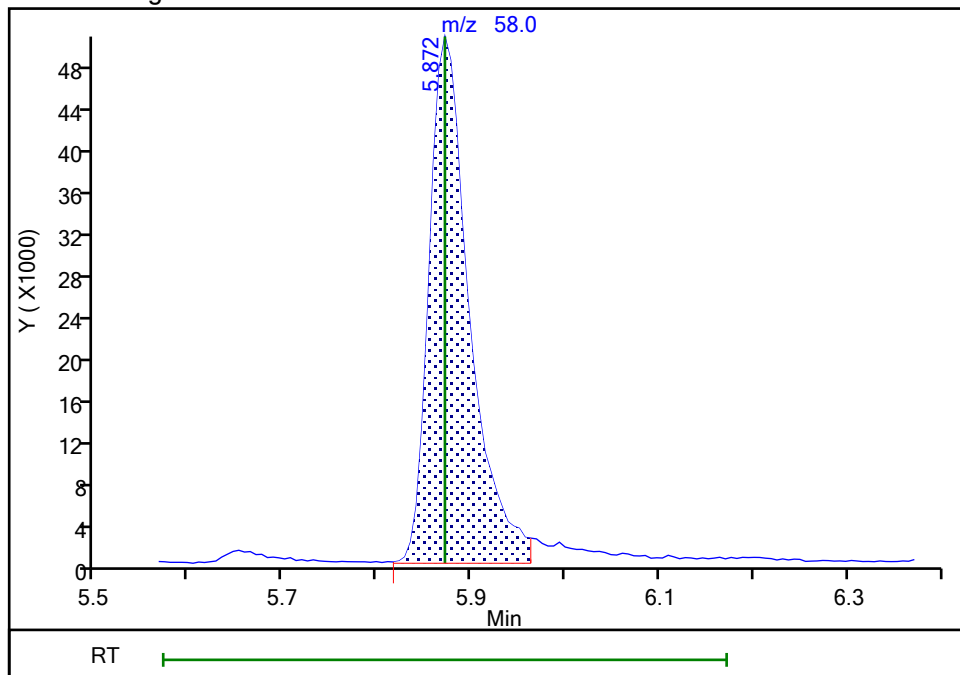
RT: 6.11
Area: 1207
Amount: 1.191143
Amount Units: ug/l

Processing Integration Results



RT: 5.87
Area: 150365
Amount: 97.485760
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:27:35

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44007.D

Injection Date: 10-Sep-2021 08:22:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

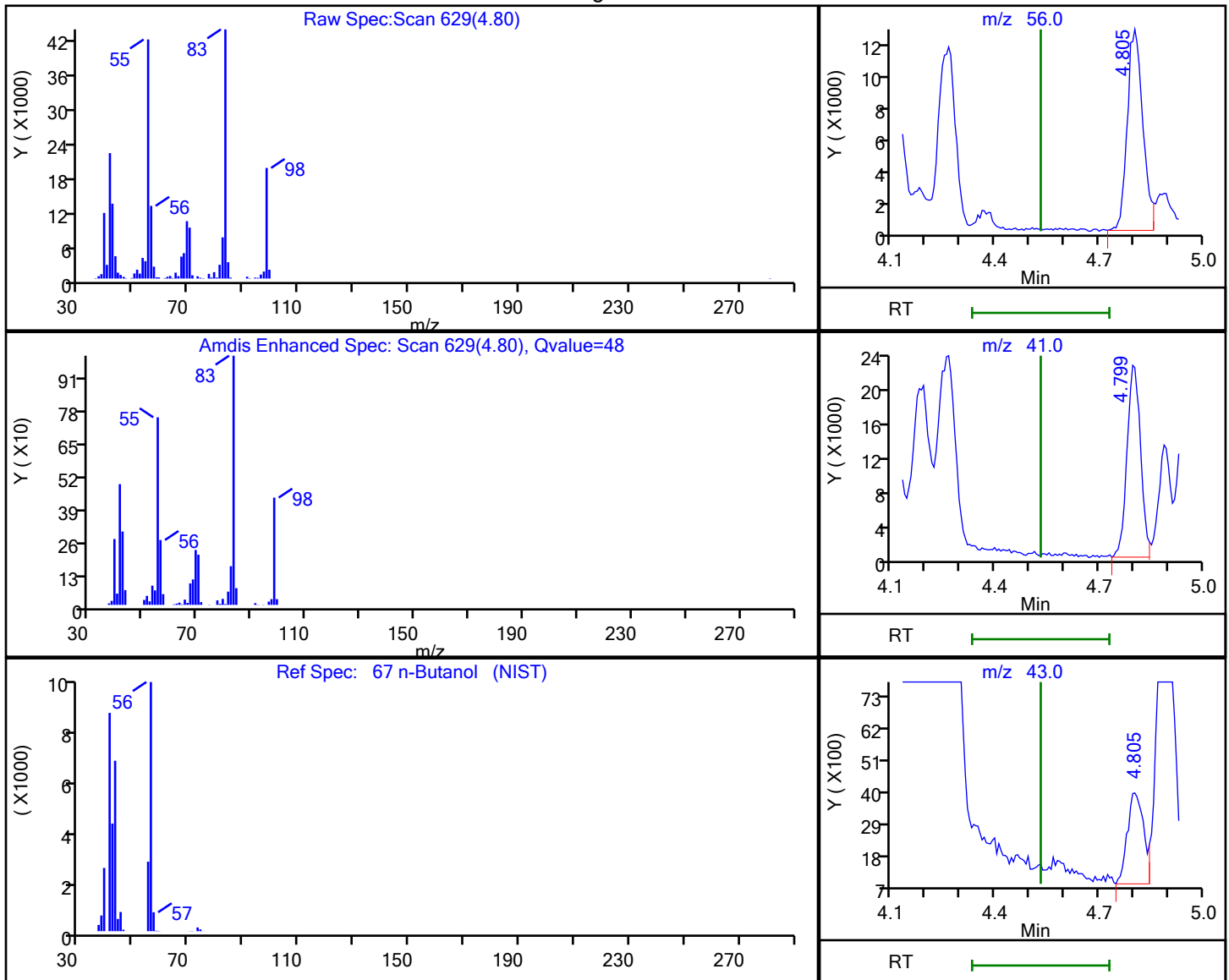
Column: DB-624 (0.18 mm)

Detector

MS Quad

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.80	56.00	39540	380.0331
4.80	41.00	58699	
4.80	43.00	10630	

Reviewer: baronm, 10-Sep-2021 18:27:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44008.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 10-Sep-2021 08:42:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0134348-007
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 10-Sep-2021 19:41:48 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: desais

Date: 10-Sep-2021 09:32:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.135	1.147	-0.012	92	17868	50.0	54.9	a
3 Chlorotrifluoroethene	116	1.202	1.208	-0.006	91	76956	50.0	58.1	
2 1,1-Difluoroethane	65	1.214	1.220	-0.006	95	134675	50.0	53.8	
4 Dichlorodifluoromethane	85	1.226	1.232	-0.006	73	267436	50.0	58.9	
5 Chlorodifluoromethane	67	1.238	1.244	-0.006	99	46915	50.0	53.7	
6 Chloromethane	50	1.366	1.372	-0.006	99	286724	50.0	54.7	M
8 Butadiene	54	1.415	1.427	-0.012	94	220457	50.0	57.8	
7 Vinyl chloride	62	1.421	1.433	-0.012	98	254819	50.0	57.1	
9 Bromomethane	94	1.641	1.647	-0.006	98	127880	50.0	46.8	
10 Chloroethane	64	1.671	1.683	-0.012	99	113541	50.0	54.2	
12 Trichlorofluoromethane	101	1.823	1.830	-0.007	46	285421	50.0	56.9	a
11 Dichlorofluoromethane	67	1.823	1.830	-0.007	90	430840	50.0	55.8	
13 Pentane	72	1.823	1.830	-0.007	96	64319	100.0	114.7	
15 Ethyl ether	74	1.970	1.982	-0.012	93	122798	50.0	56.9	
14 Ethanol	46	1.976	1.988	-0.012	79	45557	2000.0	2859.1	M
16 2-Methyl-1,3-butadiene	53	1.982	1.994	-0.012	97	191621	50.0	57.4	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.025	2.037	-0.012	91	176433	50.0	57.4	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.073	2.080	-0.007	93	301436	50.0	57.3	a
19 Acrolein	56	2.110	2.116	-0.006	93	65188	101.4	107.6	
20 112TCTFE	101	2.128	2.141	-0.013	93	176513	50.0	58.9	a
21 1,1-Dichloroethene	96	2.147	2.147	0.000	96	177282	50.0	56.6	
22 Acetone	43	2.214	2.220	-0.006	86	343076	250.0	246.4	
23 Iodomethane	142	2.262	2.269	-0.007	99	320024	50.0	57.4	
24 Carbon disulfide	76	2.293	2.293	0.000	100	731674	50.0	55.1	
25 Isopropyl alcohol	45	2.305	2.323	-0.018	90	98598	500.0	585.5	a
26 3-Chloro-1-propene	76	2.384	2.390	-0.006	89	143141	50.0	56.8	
27 Methyl acetate	43	2.403	2.409	-0.006	76	285470	100.0	111.9	
28 Cyclopentene	67	2.403	2.409	-0.006	92	483637	50.0	57.3	
29 Acetonitrile	41	2.457	2.470	-0.013	98	310871	500.0	575.7	
30 Methylene Chloride	84	2.500	2.506	-0.006	99	225764	50.0	55.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.518	2.531	-0.013	98	28579	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.573	2.586	-0.013	93	187399	500.0	557.0	a
33 Methyl tert-butyl ether	73	2.628	2.640	-0.012	98	547493	50.0	55.9	
34 trans-1,2-Dichloroethene	96	2.640	2.653	-0.013	98	197881	50.0	56.4	
35 Acrylonitrile	53	2.707	2.720	-0.013	95	829959	500.0	588.9	
36 Hexane	57	2.774	2.781	-0.007	94	264031	50.0	56.4	
37 Isopropyl ether	45	2.963	2.970	-0.007	95	745596	50.0	56.0	
38 1,1-Dichloroethane	63	2.976	2.982	-0.006	99	399595	50.0	55.3	
39 Vinyl acetate	86	3.000	3.000	0.000	100	47922	100.0	110.7	
40 2-Chloro-1,3-butadiene	88	3.012	3.018	-0.006	92	179202	50.0	58.8	
41 Tert-butyl ethyl ether	59	3.232	3.238	-0.006	87	565395	50.0	55.1	
* 42 2-Butanone-d5	46	3.409	3.390	0.018	80	281503	250.0	250.0	
43 2,2-Dichloropropane	97	3.421	3.421	0.000	87	43696	50.0	52.5	
44 cis-1,2-Dichloroethene	96	3.427	3.433	-0.006	93	216142	50.0	56.4	
45 2-Butanone (MEK)	72	3.457	3.439	0.018	95	105745	250.0	275.6	
46 Ethyl acetate	70	3.439	3.445	-0.006	93	36027	100.0	116.6	
47 Methyl acrylate	55	3.476	3.488	-0.012	99	157092	50.0	57.7	
48 Propionitrile	54	3.579	3.585	-0.006	98	274484	500.0	688.9	
49 Chlorobromomethane	128	3.622	3.628	-0.006	97	104840	50.0	56.4	
51 Methacrylonitrile	67	3.652	3.634	0.018	95	767286	500.0	610.5	
50 Tetrahydrofuran	72	3.634	3.634	0.000	93	49224	100.0	96.6	
52 Chloroform	83	3.671	3.677	-0.006	98	332236	50.0	55.2	
53 Cyclohexane	84	3.780	3.787	-0.007	97	254548	50.0	55.9	
54 1,1,1-Trichloroethane	97	3.799	3.805	-0.006	97	232572	50.0	54.2	
\$ 55 Dibromofluoromethane (Surr)	113	3.811	3.817	-0.006	96	110998	50.0	50.0	
56 Carbon tetrachloride	117	3.902	3.908	-0.006	96	159203	50.0	52.4	
57 1,1-Dichloropropene	75	3.927	3.933	-0.006	94	255266	50.0	55.2	
58 Isobutyl alcohol	43	4.091	4.085	0.006	39	165824	1250.0	1494.6	a
59 Isooctane	57	4.085	4.091	-0.006	99	682148	50.0	58.2	
60 Benzene	78	4.103	4.104	-0.001	98	739013	50.0	54.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	95	137149	50.0	49.5	
62 Tert-amyl methyl ether	73	4.177	4.177	0.000	90	588154	50.0	58.1	
64 1,2-Dichloroethane	62	4.189	4.183	0.006	95	250255	50.0	54.7	
63 Isopropyl acetate	61	4.189	4.189	0.000	94	94940	50.0	59.6	
65 n-Heptane	100	4.256	4.262	-0.006	97	40327	50.0	55.9	
* 66 Fluorobenzene	96	4.366	4.366	0.000	98	398299	50.0	50.0	
68 Trichloroethene	95	4.689	4.689	0.000	97	183138	50.0	56.1	
69 Methylcyclohexane	83	4.798	4.799	-0.001	96	300223	50.0	57.7	
70 Ethyl acrylate	99	4.823	4.823	0.000	96	21756	50.0	57.1	a
71 1,2-Dichloropropane	63	4.951	4.951	0.000	92	204122	50.0	56.7	
73 Methyl methacrylate	100	5.048	5.049	0.000	93	72365	100.0	110.5	
* 72 1,4-Dioxane-d8	96	5.048	5.061	-0.013	44	20834	1000.0	1000.0	
74 Dibromomethane	93	5.067	5.067	0.000	97	112912	50.0	56.7	
75 1,4-Dioxane	88	5.085	5.097	-0.012	43	38058	1000.0	1220.9	
76 n-Propyl acetate	43	5.109	5.116	-0.007	99	237022	50.0	52.1	
77 Dichlorobromomethane	83	5.219	5.219	0.000	99	211369	50.0	55.5	
78 2-Nitropropane	41	5.542	5.542	0.000	76	53834	100.0	105.5	
79 2-Chloroethyl vinyl ether	63	5.548	5.555	-0.006	90	102090	50.1	57.2	
80 Epichlorohydrin	57	5.646	5.652	-0.006	99	336298	1000.0	1097.1	
81 cis-1,3-Dichloropropene	75	5.689	5.689	0.000	97	261758	50.0	56.5	
82 4-Methyl-2-pentanone (MIBK)	58	5.865	5.872	-0.007	99	409094	250.0	286.2	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	99	389462	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	5.987	5.987	0.000	93	699161	50.0	54.9	
85 trans-1,3-Dichloropropene	75	6.335	6.335	0.000	98	199006	50.0	58.7	
86 Ethyl methacrylate	69	6.390	6.396	-0.006	92	195349	50.0	54.2	
87 1,1,2-Trichloroethane	83	6.536	6.536	0.000	95	132824	50.0	55.1	
88 Tetrachloroethene	166	6.560	6.560	0.000	95	164651	50.0	56.2	
89 1,3-Dichloropropane	76	6.731	6.731	0.000	96	267119	50.0	55.9	
90 2-Hexanone	43	6.822	6.829	-0.007	99	633306	250.0	266.8	
92 Chlorodibromomethane	129	6.944	6.944	0.000	98	128009	50.0	56.3	
91 n-Butyl acetate	43	6.951	6.957	-0.007	99	253893	50.0	53.5	
93 Ethylene Dibromide	107	7.079	7.079	0.000	99	133998	50.0	58.2	
* 94 Chlorobenzene-d5	117	7.615	7.615	0.000	88	289470	50.0	50.0	
95 Chlorobenzene	112	7.645	7.646	-0.001	95	448009	50.0	55.5	
96 Ethylbenzene	106	7.761	7.767	-0.006	99	247424	50.0	57.2	
97 1,1,1,2-Tetrachloroethane	131	7.774	7.780	-0.006	89	136624	50.0	58.3	
98 m-Xylene & p-Xylene	106	7.920	7.920	0.000	98	299181	50.0	57.8	
99 o-Xylene	106	8.426	8.426	0.000	93	318192	50.0	59.2	
100 n-Butyl acrylate	73	8.469	8.469	-0.001	64	107239	50.0	52.2	
101 Styrene	104	8.469	8.469	-0.001	93	493579	50.0	60.9	
102 Bromoform	173	8.712	8.712	0.000	95	77167	50.0	55.9	
103 Amyl acetate (mixed isomers)	43	8.773	8.779	-0.006	89	288317	50.0	47.7	
104 Isopropylbenzene	105	8.901	8.901	0.000	97	858890	50.0	60.3	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	110596	50.0	50.1	
106 Bromobenzene	156	9.304	9.304	0.000	95	186306	50.0	55.6	
107 1,1,2,2-Tetrachloroethane	83	9.407	9.407	0.000	98	228493	50.0	56.7	
108 N-Propylbenzene	91	9.426	9.426	0.000	98	1016449	50.0	59.7	
109 1,2,3-Trichloropropane	110	9.450	9.450	0.000	98	59901	50.0	58.4	
110 trans-1,4-Dichloro-2-butene	53	9.493	9.493	0.000	75	53002	50.0	56.7	
111 2-Chlorotoluene	91	9.535	9.535	0.000	97	641903	50.0	57.9	
112 4-Ethyltoluene	105	9.572	9.572	0.000	98	785330	50.0	59.3	
113 1,3,5-Trimethylbenzene	105	9.657	9.657	0.000	92	696096	50.0	60.1	
114 4-Chlorotoluene	91	9.676	9.676	0.000	99	643195	50.0	57.0	
115 Butyl Methacrylate	87	9.822	9.822	0.000	94	179871	50.0	51.1	
116 tert-Butylbenzene	119	9.986	9.993	-0.007	94	544567	50.0	59.1	
117 1,2,4-Trimethylbenzene	105	10.060	10.060	0.000	98	713751	50.0	59.8	
118 sec-Butylbenzene	105	10.224	10.224	0.000	99	908514	50.0	60.1	
119 1,3-Dichlorobenzene	146	10.346	10.352	-0.006	94	356501	50.0	55.5	
120 4-Isopropyltoluene	119	10.383	10.383	0.000	97	746647	50.0	60.6	
* 121 1,4-Dichlorobenzene-d4	152	10.425	10.426	-0.001	97	150918	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.450	10.450	0.000	93	351541	50.0	54.3	
123 1,2,3-Trimethylbenzene	105	10.486	10.486	0.000	99	745988	50.0	59.3	
124 Benzyl chloride	91	10.608	10.608	0.000	97	221176	50.0	49.0	
125 2,3-Dihydroindene	117	10.663	10.663	0.000	95	676463	50.0	58.9	
126 p-Diethylbenzene	119	10.755	10.755	0.000	92	390371	50.0	59.6	
127 n-Butylbenzene	92	10.773	10.773	0.000	98	415593	50.0	58.7	
128 1,2-Dichlorobenzene	146	10.803	10.803	0.000	94	353007	50.0	57.0	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	97	731248	50.0	60.8	
130 1,2-Dibromo-3-Chloropropane	157	11.523	11.523	0.000	89	33895	50.0	49.5	
131 1,3,5-Trichlorobenzene	180	11.645	11.645	0.000	96	299116	50.0	55.7	
132 1,2,4-Trichlorobenzene	180	12.157	12.157	0.000	94	288862	50.0	56.1	
133 Hexachlorobutadiene	225	12.254	12.254	0.000	93	123366	50.0	55.5	
134 Naphthalene	128	12.346	12.346	0.000	99	724855	50.0	59.4	
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	94	275089	50.0	56.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		100.0	112.8	
S 137 Xylenes, Total	100				0		100.0	117.0	
S 139 1,3-Dichloropropene, Total	1				0		100.0	115.2	
S 140 Total BTEX	1				0		250.0	283.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00130	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00143	Amount Added: 50.00	Units: uL	
GASES Li_00437	Amount Added: 50.00	Units: uL	
524freon_00042	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00048	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44008.D

Injection Date: 10-Sep-2021 08:42:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 7

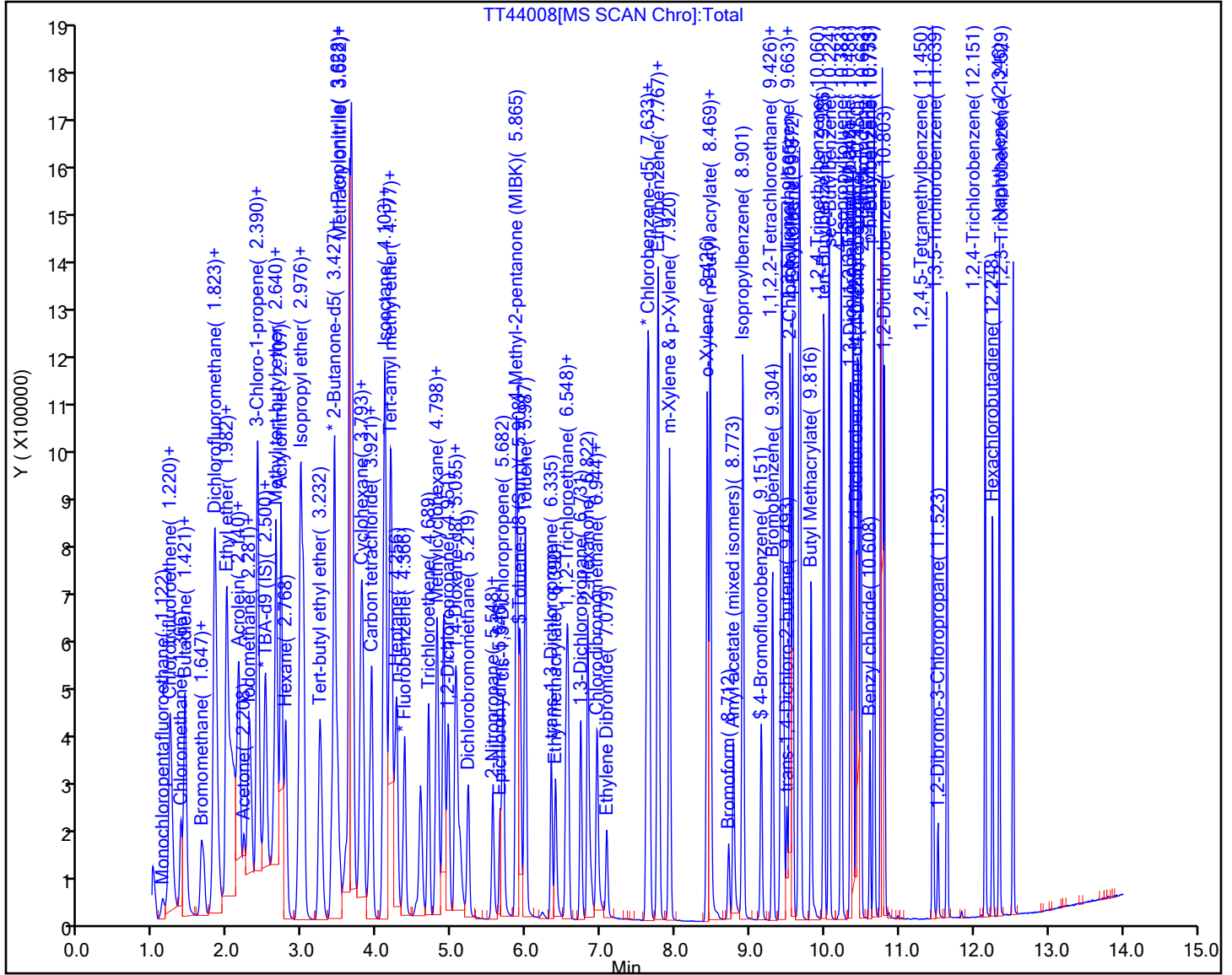
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44008.D

Injection Date: 10-Sep-2021 08:42:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

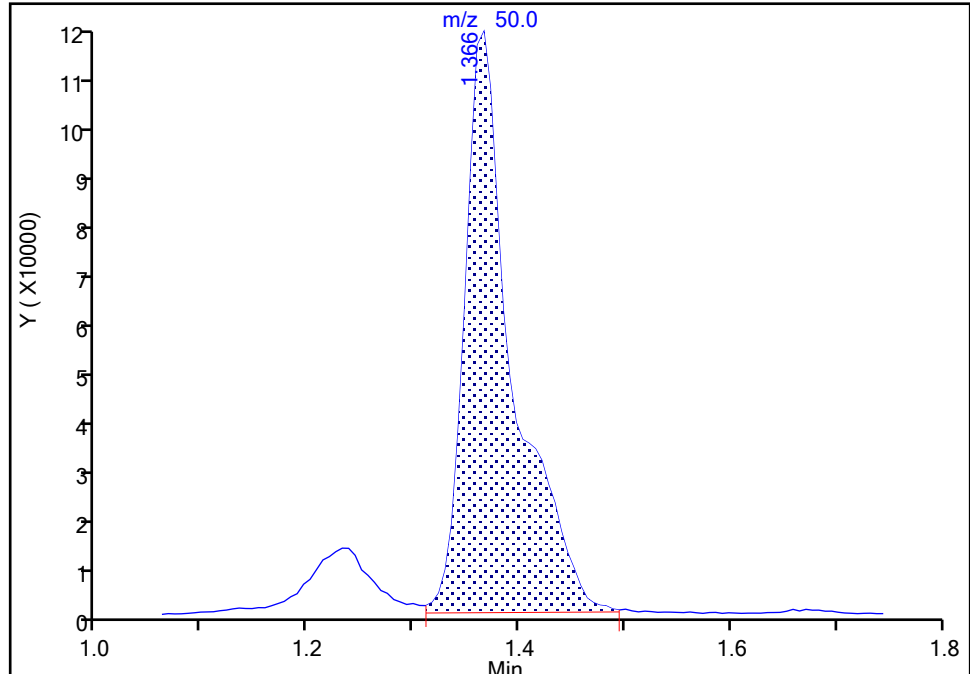
Detector: MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

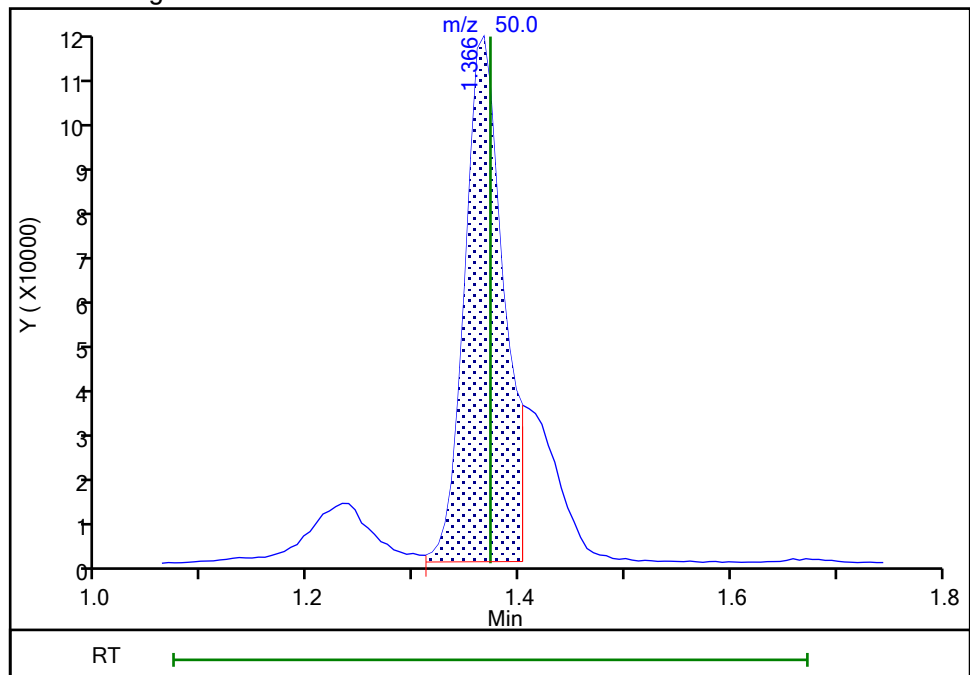
RT: 1.37
Area: 354961
Amount: 61.793618
Amount Units: ug/l

Processing Integration Results



RT: 1.37
Area: 286724
Amount: 54.672160
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:28:53

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44008.D

Injection Date: 10-Sep-2021 08:42:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

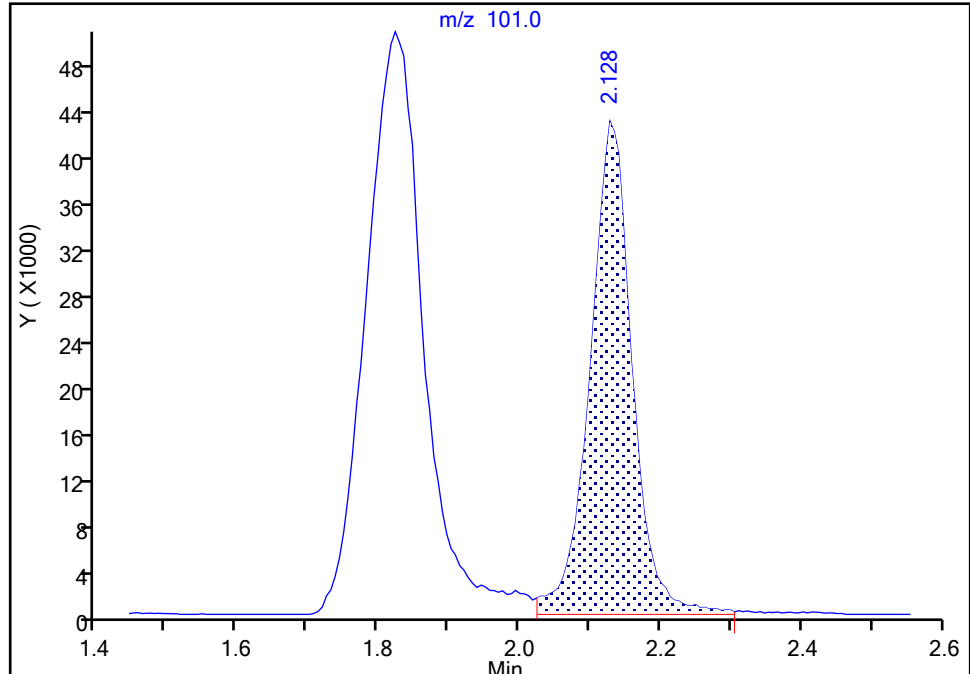
Detector: MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

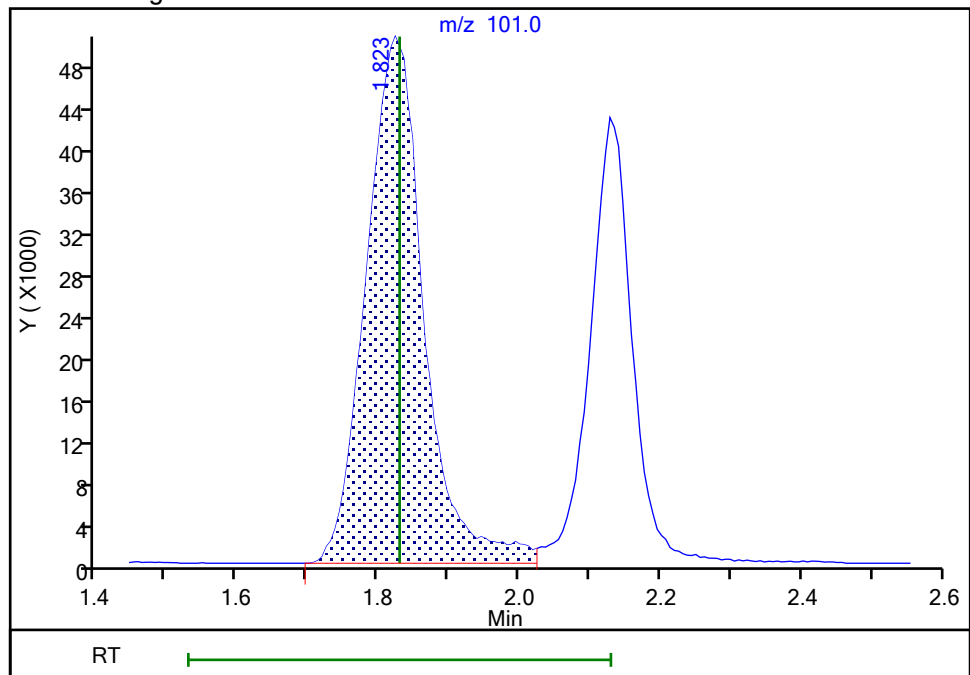
RT: 2.13
Area: 176513
Amount: 40.565640
Amount Units: ug/l

Processing Integration Results



RT: 1.82
Area: 285421
Amount: 56.936349
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:29:01

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44008.D

Injection Date: 10-Sep-2021 08:42:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

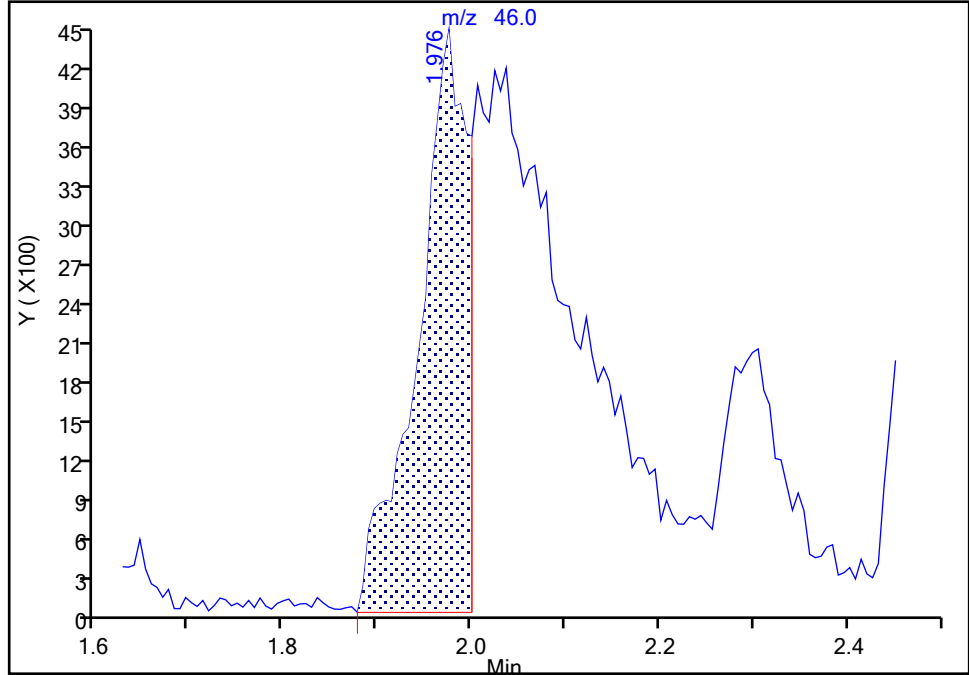
Detector: MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

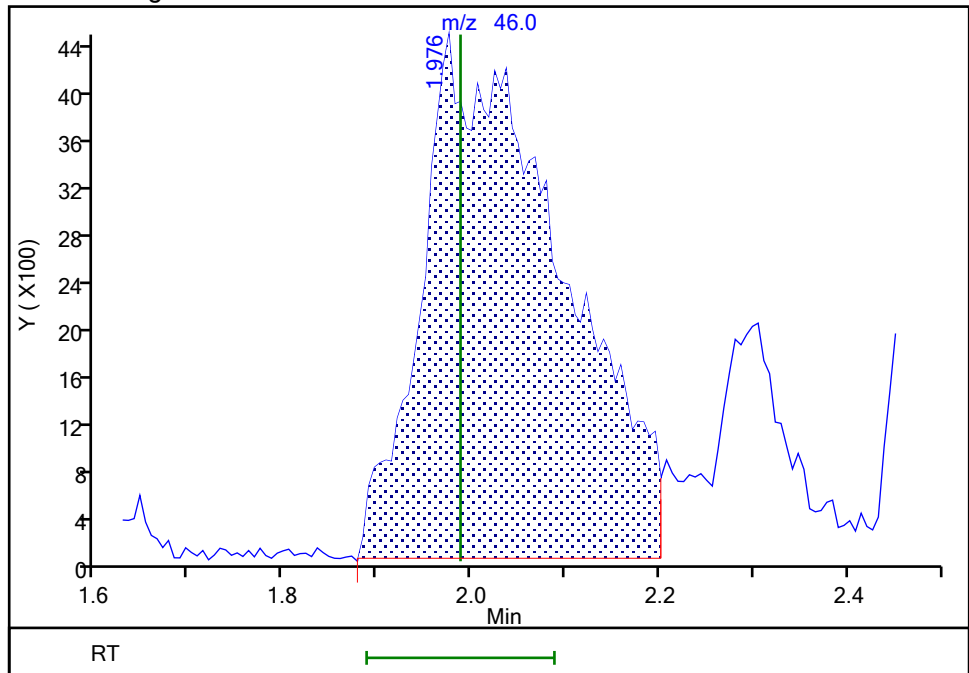
RT: 1.98
Area: 16397
Amount: 1141.2631
Amount Units: ug/l

Processing Integration Results



RT: 1.98
Area: 45557
Amount: 2859.0869
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:29:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44008.D

Injection Date: 10-Sep-2021 08:42:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

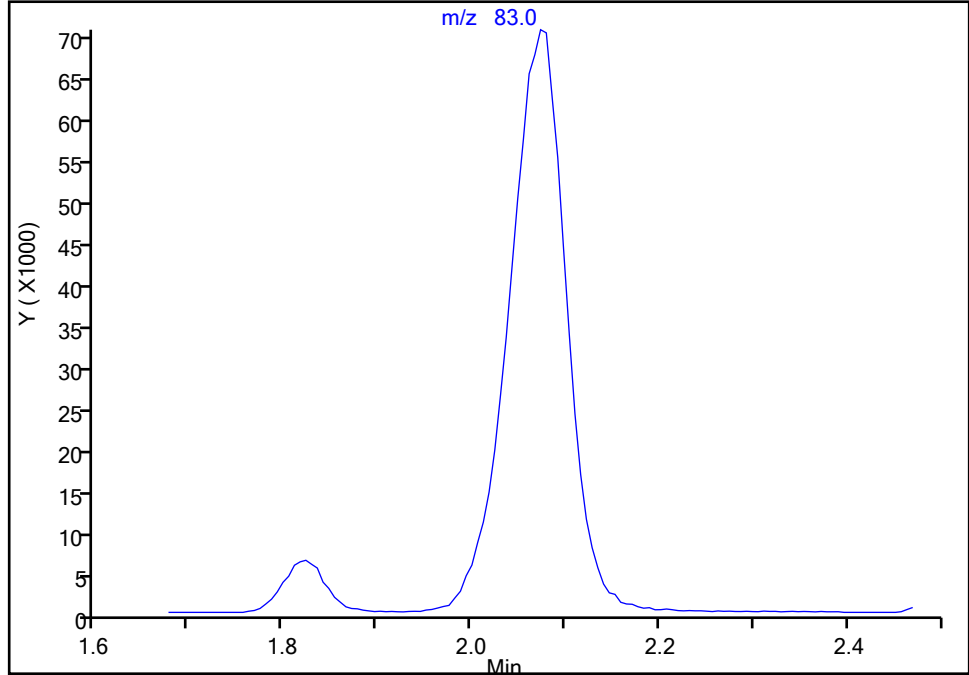
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

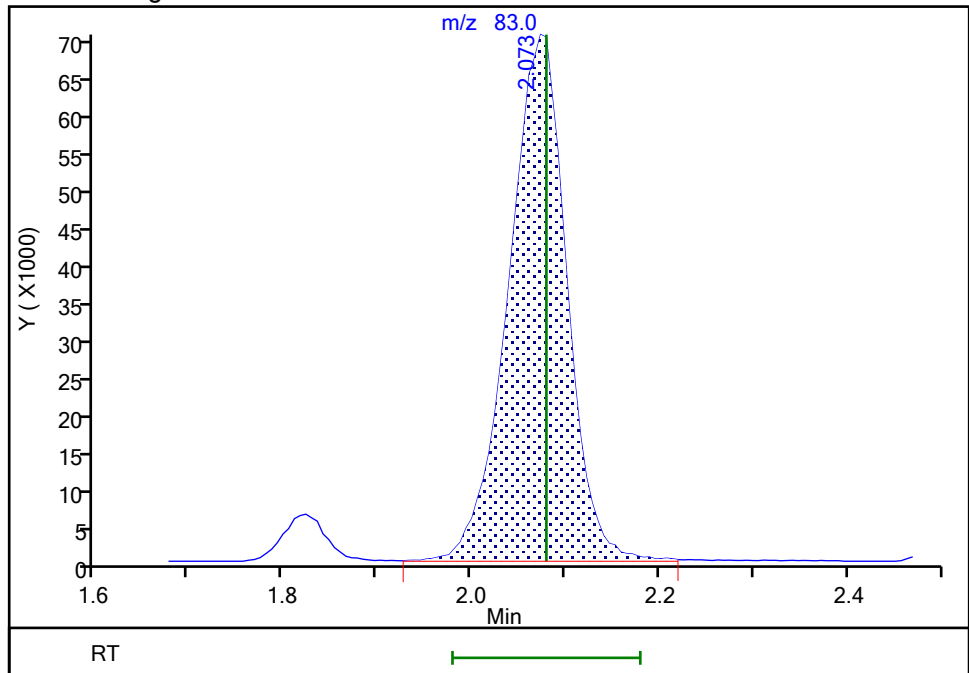
Not Detected

Expected RT: 2.08

Processing Integration Results



Manual Integration Results



RT: 2.07
Area: 301436
Amount: 57.293339
Amount Units: ug/l

Reviewer: baronm, 10-Sep-2021 18:29:21

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44008.D

Injection Date: 10-Sep-2021 08:42:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#:

7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

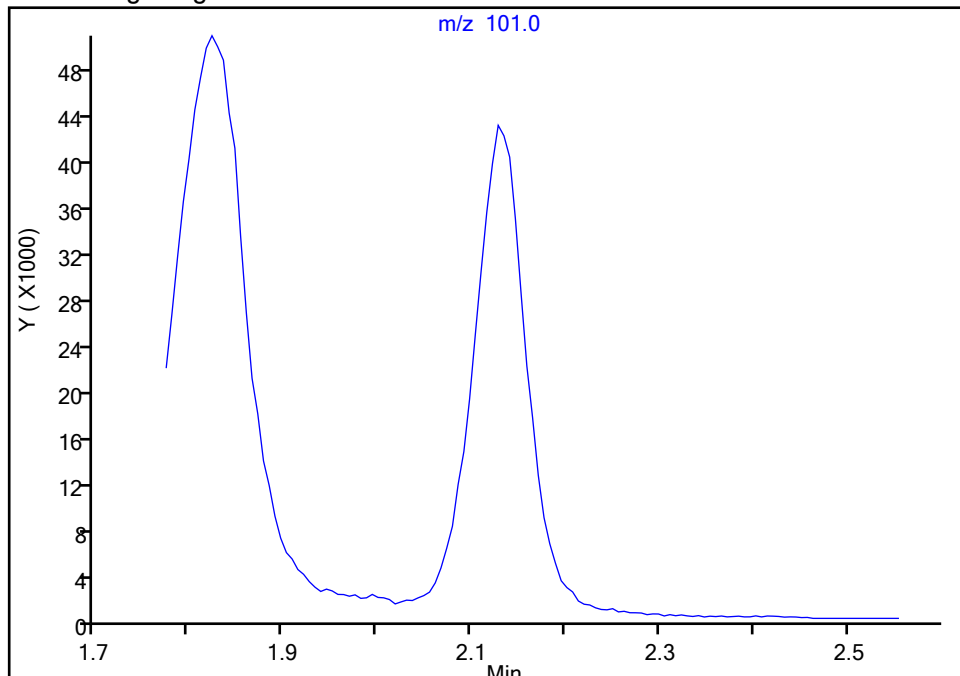
20 112TCTFE, CAS: 76-13-1

Signal: 1

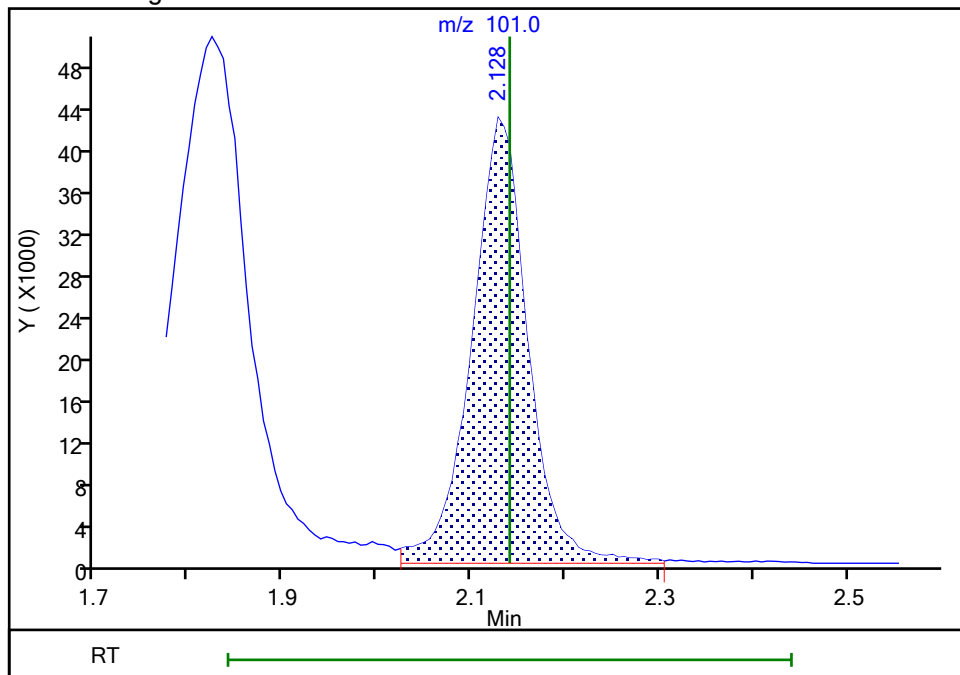
Not Detected

Expected RT: 2.14

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:29:27

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44008.D

Injection Date: 10-Sep-2021 08:42:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

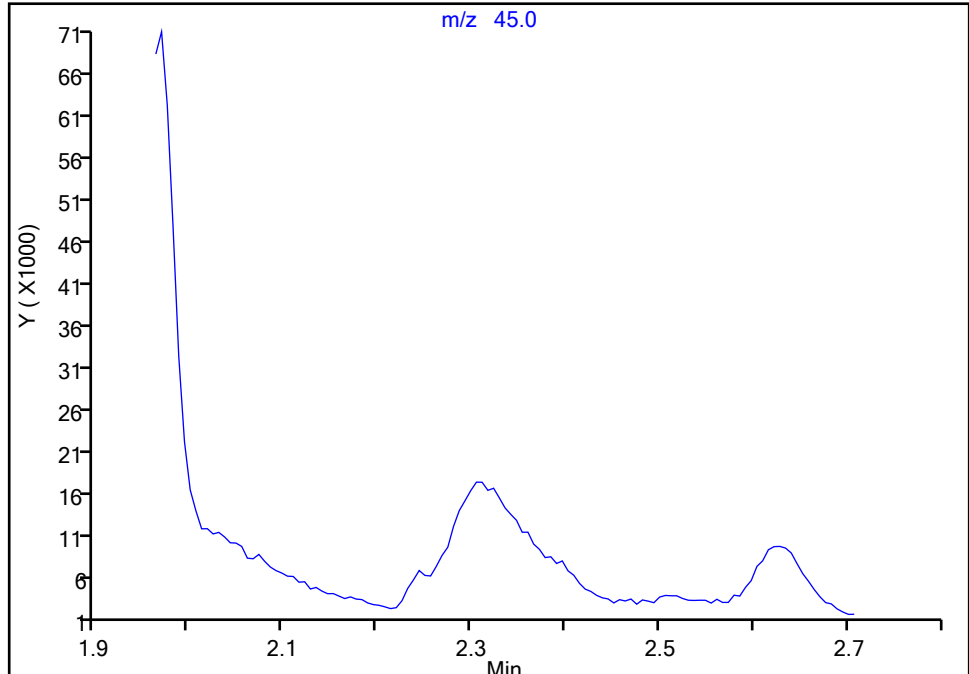
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

Not Detected

Expected RT: 2.32

Processing Integration Results



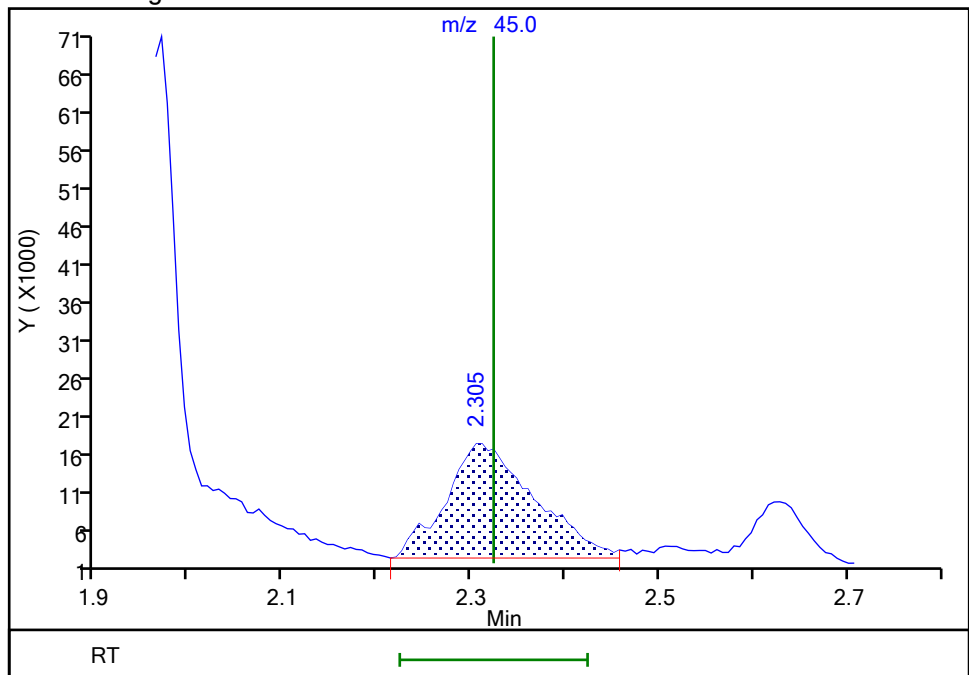
RT: 2.31

Area: 98598

Amount: 585.5485

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:29:35

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44008.D

Injection Date: 10-Sep-2021 08:42:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

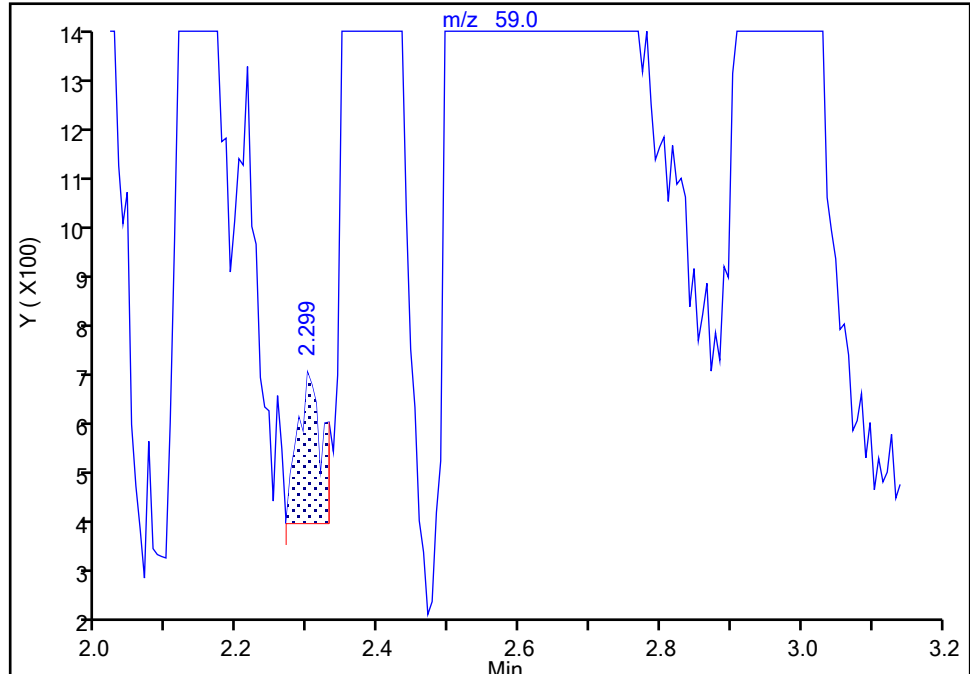
MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

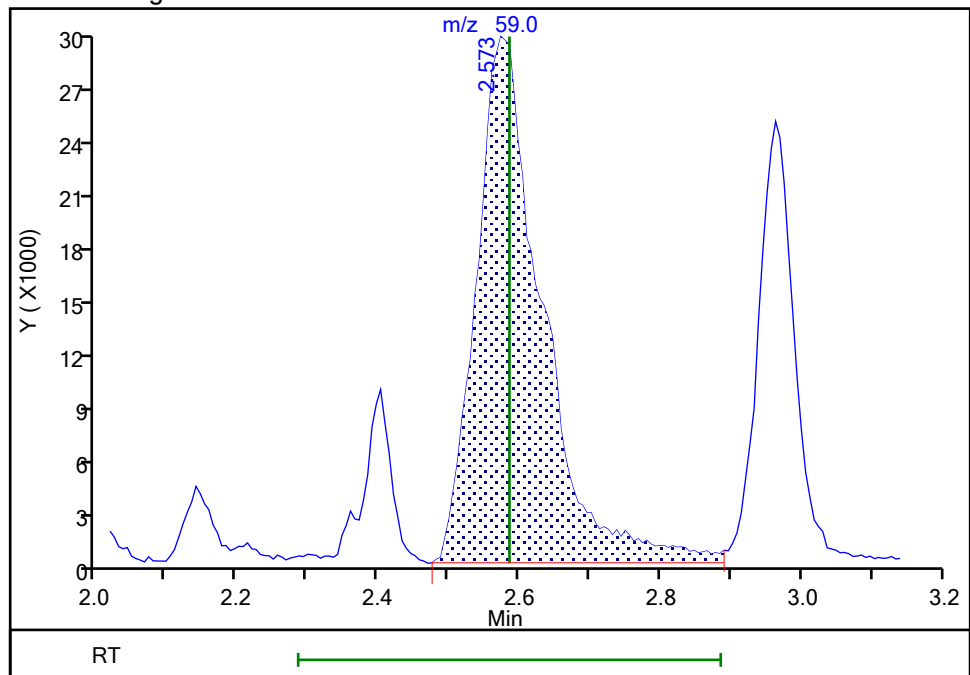
RT: 2.30
Area: 731
Amount: 4.809057
Amount Units: ug/l

Processing Integration Results



RT: 2.57
Area: 187399
Amount: 557.0025
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:29:45

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44008.D

Injection Date: 10-Sep-2021 08:42:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

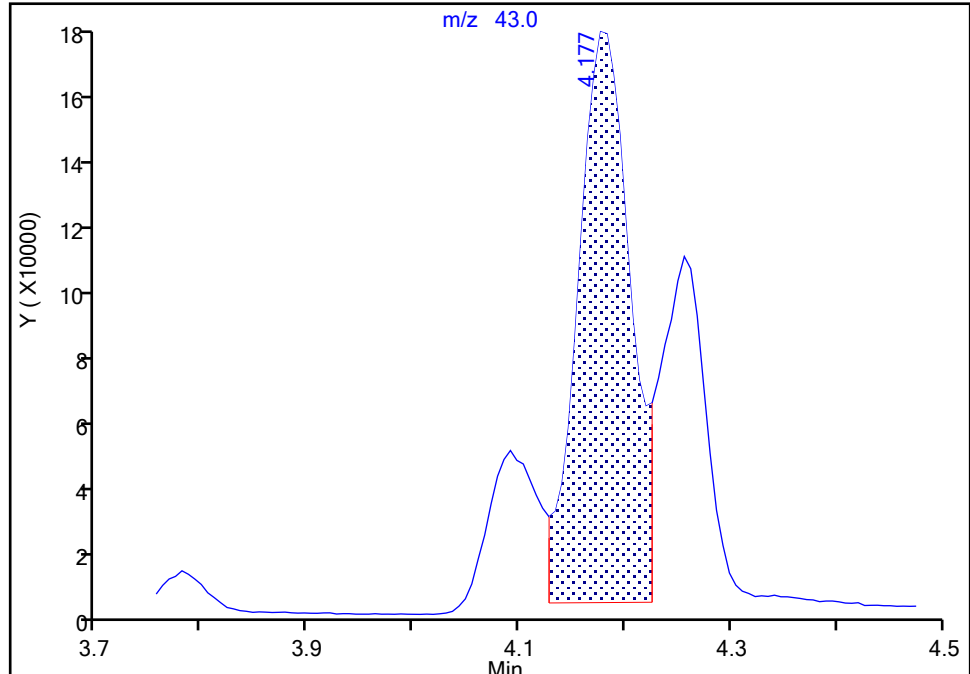
MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

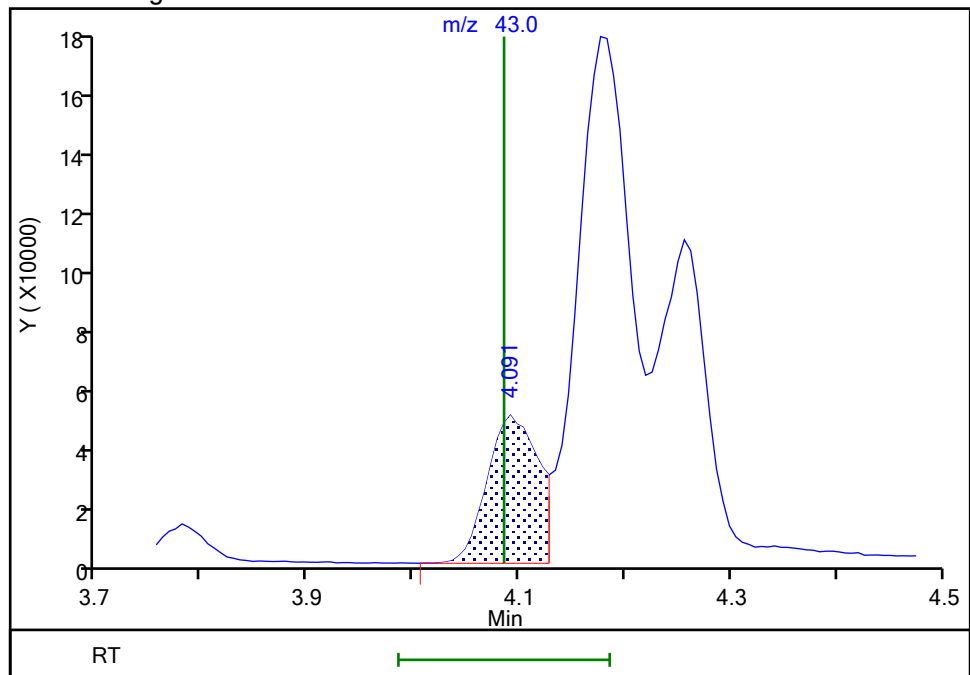
RT: 4.18
Area: 599361
Amount: 2977.4019
Amount Units: ug/l

Processing Integration Results



RT: 4.09
Area: 165824
Amount: 1494.5776
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:30:01

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44008.D

Injection Date: 10-Sep-2021 08:42:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

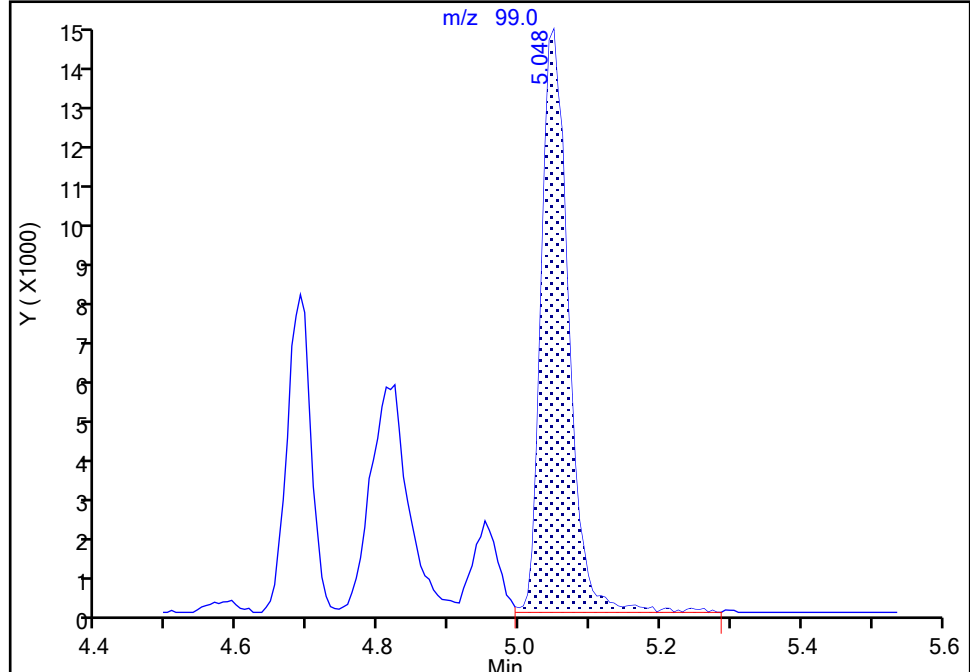
MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

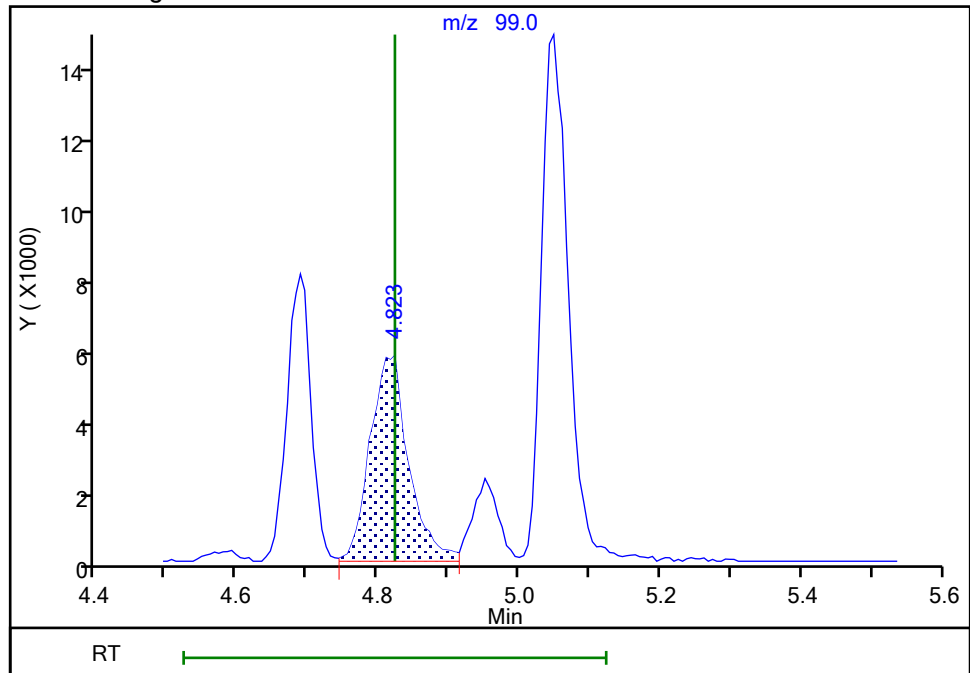
RT: 5.05
Area: 39741
Amount: 84.844694
Amount Units: ug/l

Processing Integration Results



RT: 4.82
Area: 21756
Amount: 57.128096
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:33:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44008.D

Injection Date: 10-Sep-2021 08:42:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

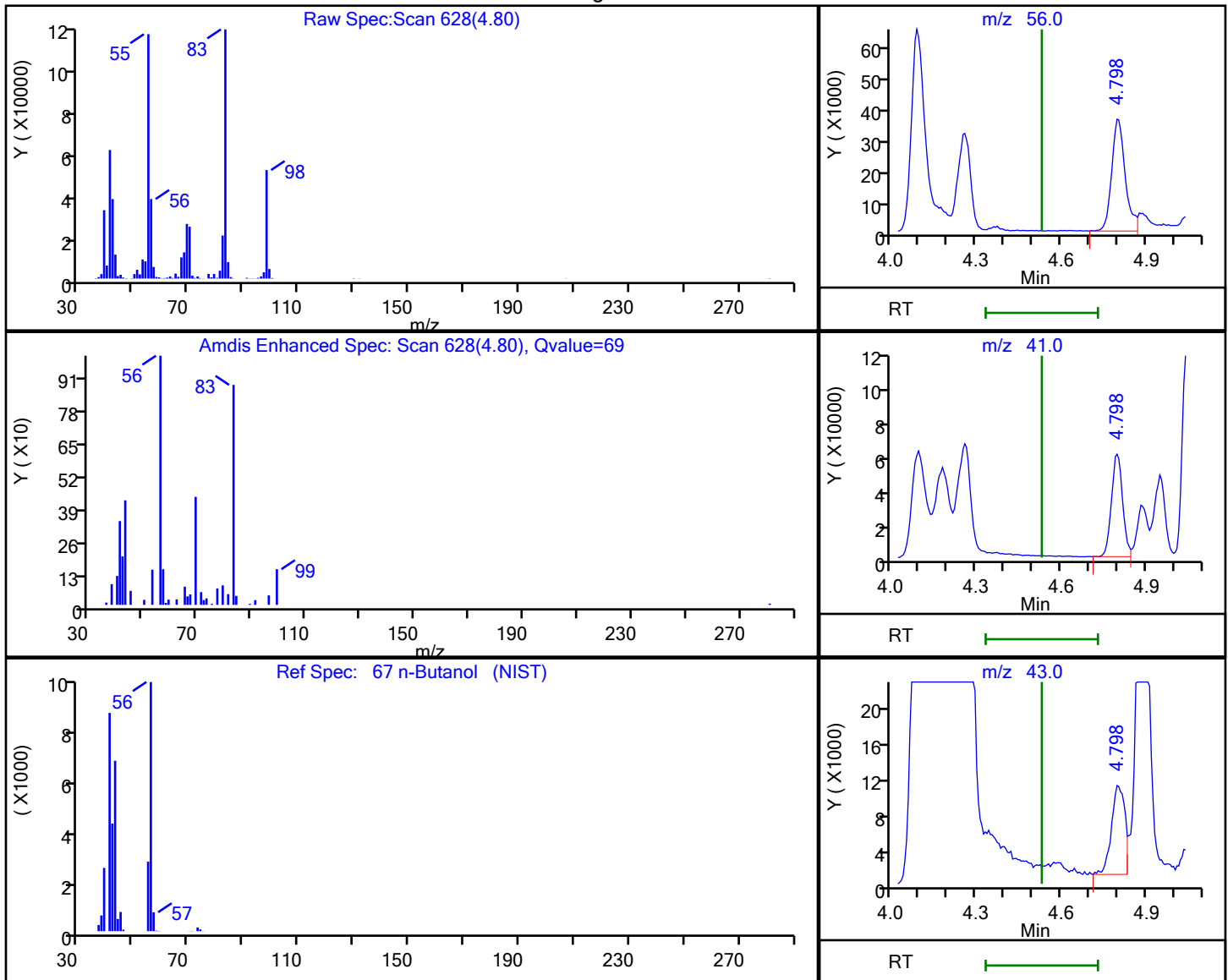
Column: DB-624 (0.18 mm)

Detector

MS Quad

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.80	56.00	122664	1279.1245
4.80	41.00	159644	
4.80	43.00	31473	

Reviewer: baronm, 10-Sep-2021 18:30:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44009.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 10-Sep-2021 09:03:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0134348-008
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 10-Sep-2021 19:41:55 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: desais

Date: 10-Sep-2021 09:33:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.141	1.147	-0.006	84	64254	200.0	177.0	
3 Chlorotrifluoroethene	116	1.202	1.208	-0.006	91	250645	200.0	169.8	
2 1,1-Difluoroethane	65	1.220	1.220	0.000	90	453454	200.0	162.3	
4 Dichlorodifluoromethane	85	1.226	1.232	-0.006	96	918293	200.0	181.5	
5 Chlorodifluoromethane	67	1.244	1.244	0.000	99	160544	200.0	164.7	
6 Chloromethane	50	1.372	1.372	0.000	99	1120041	200.0	191.5	
8 Butadiene	54	1.427	1.427	0.000	91	809465	200.0	190.3	
7 Vinyl chloride	62	1.427	1.433	-0.006	98	945448	200.0	190.0	
9 Bromomethane	94	1.647	1.647	0.000	99	483005	200.0	147.7	
10 Chloroethane	64	1.677	1.683	-0.006	99	445129	200.0	197.1	
12 Trichlorofluoromethane	101	1.830	1.830	0.000	98	967426	200.0	173.1	
11 Dichlorofluoromethane	67	1.830	1.830	0.000	98	1516007	200.0	176.1	
13 Pentane	72	1.830	1.830	0.000	96	192862	400.0	308.5	
15 Ethyl ether	74	1.970	1.982	-0.012	93	439898	200.0	182.7	
14 Ethanol	46	1.976	1.988	-0.012	80	157994	8000.0	7671.1	
16 2-Methyl-1,3-butadiene	53	1.988	1.994	-0.006	97	619819	200.0	166.6	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.037	2.037	0.000	90	552745	200.0	161.3	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.080	2.080	0.000	93	935379	200.0	159.5	a
19 Acrolein	56	2.110	2.116	-0.006	93	115351	202.8	170.7	
20 112TCTFE	101	2.135	2.141	-0.007	92	526098	200.0	157.5	a
21 1,1-Dichloroethene	96	2.153	2.147	0.006	94	585428	200.0	167.6	
22 Acetone	43	2.214	2.220	-0.006	86	1616888	1000.0	970.8	
23 Iodomethane	142	2.269	2.269	0.000	99	1075569	200.0	173.0	
24 Carbon disulfide	76	2.299	2.293	0.006	100	2427633	200.0	163.9	
25 Isopropyl alcohol	45	2.311	2.323	-0.012	89	421635	2000.0	1833.7	a
26 3-Chloro-1-propene	76	2.391	2.390	0.001	87	519870	200.0	185.1	
27 Methyl acetate	43	2.403	2.409	-0.006	99	1150045	400.0	404.5	
28 Cyclopentene	67	2.403	2.409	-0.006	94	1524853	200.0	162.2	
29 Acetonitrile	41	2.464	2.470	-0.006	96	1207126	2000.0	1868.8	a
30 Methylene Chloride	84	2.506	2.506	0.000	99	746536	200.0	163.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.512	2.531	-0.019	99	39026	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.573	2.586	-0.013	94	748870	2000.0	1630.0	a
33 Methyl tert-butyl ether	73	2.628	2.640	-0.012	98	1930091	200.0	176.9	
34 trans-1,2-Dichloroethene	96	2.647	2.653	-0.006	98	652665	200.0	166.9	
35 Acrylonitrile	53	2.714	2.720	-0.006	94	2952815	2000.0	1879.3	
36 Hexane	57	2.775	2.781	-0.006	94	802049	200.0	153.8	
37 Isopropyl ether	45	2.964	2.970	-0.006	90	2570345	200.0	173.3	
38 1,1-Dichloroethane	63	2.982	2.982	0.000	99	1355949	200.0	168.3	
39 Vinyl acetate	86	3.000	3.000	0.000	100	202116	400.0	390.4	
40 2-Chloro-1,3-butadiene	88	3.018	3.018	0.000	93	601428	200.0	177.1	
41 Tert-butyl ethyl ether	59	3.232	3.238	-0.006	88	2105685	200.0	184.1	
* 42 2-Butanone-d5	46	3.409	3.390	0.019	96	336729	250.0	250.0	
43 2,2-Dichloropropane	97	3.421	3.421	0.000	93	179202	200.0	193.3	
44 cis-1,2-Dichloroethene	96	3.427	3.433	-0.006	92	735353	200.0	172.0	
45 2-Butanone (MEK)	72	3.451	3.439	0.012	96	417374	1000.0	909.2	
46 Ethyl acetate	70	3.457	3.445	0.012	95	140514	400.0	380.2	
47 Methyl acrylate	55	3.500	3.488	0.012	98	633511	200.0	208.7	a
48 Propionitrile	54	3.573	3.585	-0.012	98	1020860	2000.0	1918.0	
49 Chlorobromomethane	128	3.622	3.628	-0.006	98	346459	200.0	167.3	
51 Methacrylonitrile	67	3.653	3.634	0.018	94	2650487	2000.0	1891.5	
50 Tetrahydrofuran	72	3.628	3.634	-0.006	88	173428	400.0	284.6	
52 Chloroform	83	3.677	3.677	0.000	98	1077167	200.0	160.7	
53 Cyclohexane	84	3.787	3.787	0.000	96	807688	200.0	159.1	
54 1,1,1-Trichloroethane	97	3.799	3.805	-0.006	97	858027	200.0	179.2	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.817	0.000	96	115205	50.0	46.5	
56 Carbon tetrachloride	117	3.902	3.908	-0.006	97	660201	200.0	195.0	
57 1,1-Dichloropropene	75	3.927	3.933	-0.006	94	922085	200.0	178.7	
58 Isobutyl alcohol	43	4.091	4.085	0.006	70	801978	5000.0	5293.3	
59 Isooctane	57	4.091	4.091	0.000	94	2124564	200.0	162.6	
60 Benzene	78	4.104	4.104	0.000	97	2635787	200.0	167.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	97	151890	50.0	49.2	
62 Tert-amyl methyl ether	73	4.177	4.177	0.000	88	2253931	200.0	199.5	
64 1,2-Dichloroethane	62	4.189	4.183	0.006	96	879558	200.0	172.4	
63 Isopropyl acetate	61	4.189	4.189	0.000	95	359415	200.0	202.4	
65 n-Heptane	100	4.262	4.262	0.000	96	123625	200.0	153.7	
* 66 Fluorobenzene	96	4.372	4.366	0.006	97	444088	50.0	50.0	
67 n-Butanol	56	4.738	4.531	0.208	22	93822	5000.0	2794.3	a
68 Trichloroethene	95	4.689	4.689	0.000	97	694831	200.0	190.9	
69 Methylcyclohexane	83	4.799	4.799	0.000	94	986856	200.0	170.2	a
70 Ethyl acrylate	99	4.817	4.823	-0.006	98	84982	200.0	195.4	
71 1,2-Dichloropropane	63	4.957	4.951	0.006	91	744981	200.0	185.7	
73 Methyl methacrylate	100	5.049	5.049	0.001	94	296682	400.0	397.5	
* 72 1,4-Dioxane-d8	96	5.067	5.061	0.006	71	24732	1000.0	1000.0	
74 Dibromomethane	93	5.073	5.067	0.006	96	412934	200.0	186.0	
75 1,4-Dioxane	88	5.085	5.097	-0.012	30	131844	4000.0	3562.8	a
76 n-Propyl acetate	43	5.110	5.116	-0.006	99	1040546	200.0	200.0	
77 Dichlorobromomethane	83	5.225	5.219	0.006	99	860824	200.0	202.8	
78 2-Nitropropane	41	5.542	5.542	0.000	99	258662	400.0	454.6	
79 2-Chloroethyl vinyl ether	63	5.555	5.555	0.001	97	432929	200.5	217.7	
80 Epichlorohydrin	57	5.646	5.652	-0.006	100	1448820	4000.0	3970.9	
81 cis-1,3-Dichloropropene	75	5.689	5.689	0.000	94	1120363	200.0	207.8	
82 4-Methyl-2-pentanone (MIBK)	58	5.865	5.872	-0.007	98	1563883	1000.0	914.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	5.920	5.914	0.006	98	419621	50.0	46.7	
84 Toluene	91	5.987	5.987	0.000	93	2553838	200.0	172.1	
85 trans-1,3-Dichloropropene	75	6.335	6.335	0.000	98	941663	200.0	238.6	
86 Ethyl methacrylate	69	6.390	6.396	-0.006	93	870930	200.0	199.2	
87 1,1,2-Trichloroethane	83	6.536	6.536	0.000	95	504164	200.0	179.6	
88 Tetrachloroethene	166	6.560	6.560	0.000	95	594530	200.0	174.4	
89 1,3-Dichloropropane	76	6.731	6.731	0.000	97	1014202	200.0	182.4	
90 2-Hexanone	43	6.817	6.829	-0.012	99	2734432	1000.0	996.4	
92 Chlorodibromomethane	129	6.945	6.944	0.001	96	547229	200.0	207.0	
91 n-Butyl acetate	43	6.951	6.957	-0.006	99	1215454	200.0	220.1	
93 Ethylene Dibromide	107	7.079	7.079	0.000	98	543589	200.0	202.7	
* 94 Chlorobenzene-d5	117	7.615	7.615	0.000	90	336905	50.0	50.0	
95 Chlorobenzene	112	7.652	7.646	0.006	92	1656394	200.0	176.3	
96 Ethylbenzene	106	7.768	7.767	0.001	99	876935	200.0	174.1	
97 1,1,1,2-Tetrachloroethane	131	7.780	7.780	0.000	96	565435	200.0	207.3	
98 m-Xylene & p-Xylene	106	7.920	7.920	0.000	98	1075263	200.0	178.5	
99 o-Xylene	106	8.426	8.426	0.000	93	1172206	200.0	187.5	
100 n-Butyl acrylate	73	8.463	8.469	-0.006	96	482489	200.0	200.0	
101 Styrene	104	8.469	8.469	0.000	95	1769328	200.0	187.5	
102 Bromoform	173	8.712	8.712	0.000	95	350644	200.0	218.3	
103 Amyl acetate (mixed isomers)	43	8.773	8.779	-0.006	89	1422855	200.0	201.9	
104 Isopropylbenzene	105	8.901	8.901	0.000	97	3022911	200.0	182.5	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	124262	50.0	48.3	
106 Bromobenzene	156	9.304	9.304	0.000	94	686175	200.0	194.0	
107 1,1,2,2-Tetrachloroethane	83	9.414	9.407	0.007	98	816270	200.0	192.1	
108 N-Propylbenzene	91	9.426	9.426	0.000	99	3502479	200.0	194.9	
109 1,2,3-Trichloropropane	110	9.450	9.450	0.000	97	202260	200.0	187.0	
110 trans-1,4-Dichloro-2-butene	53	9.493	9.493	0.000	85	208622	200.0	211.6	
111 2-Chlorotoluene	91	9.536	9.535	0.001	97	2176833	200.0	186.2	
112 4-Ethyltoluene	105	9.572	9.572	0.000	98	2639988	200.0	188.9	
113 1,3,5-Trimethylbenzene	105	9.657	9.657	0.000	92	2381449	200.0	194.8	
114 4-Chlorotoluene	91	9.676	9.676	0.000	99	2167823	200.0	182.1	
115 Butyl Methacrylate	87	9.816	9.822	-0.006	94	818748	200.0	200.6	
116 tert-Butylbenzene	119	9.987	9.993	-0.006	92	2053003	200.0	211.2	
117 1,2,4-Trimethylbenzene	105	10.060	10.060	0.000	99	2455493	200.0	195.0	
118 sec-Butylbenzene	105	10.224	10.224	0.000	98	3198286	200.0	200.4	
119 1,3-Dichlorobenzene	146	10.346	10.352	-0.006	94	1245620	200.0	183.9	
120 4-Isopropyltoluene	119	10.383	10.383	0.000	97	2572150	200.0	197.9	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	97	159239	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.450	10.450	0.000	92	1196139	200.0	175.2	
123 1,2,3-Trimethylbenzene	105	10.487	10.486	0.001	99	2539101	200.0	191.1	
124 Benzyl chloride	91	10.608	10.608	0.000	97	1098079	200.0	201.1	
125 2,3-Dihydroindene	117	10.663	10.663	0.000	94	2322537	200.0	191.6	
126 p-Diethylbenzene	119	10.755	10.755	0.000	92	1336948	200.0	193.3	
127 n-Butylbenzene	92	10.773	10.773	0.000	98	1374718	200.0	184.1	
128 1,2-Dichlorobenzene	146	10.804	10.803	0.001	94	1146434	200.0	175.6	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	97	2745854	200.0	216.3	
130 1,2-Dibromo-3-Chloropropane	157	11.523	11.523	0.000	95	158484	200.0	201.2	
131 1,3,5-Trichlorobenzene	180	11.645	11.645	0.000	96	1044346	200.0	184.2	
132 1,2,4-Trichlorobenzene	180	12.157	12.157	0.000	94	1027444	200.0	189.1	
133 Hexachlorobutadiene	225	12.254	12.254	0.000	93	452103	200.0	192.6	
134 Naphthalene	128	12.346	12.346	0.000	99	2560100	200.0	198.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	94	941326	200.0	181.9	
S 136 1,2-Dichloroethene, Total	100				0		400.0	338.8	
S 137 Xylenes, Total	100				0		400.0	366.0	
S 139 1,3-Dichloropropene, Total	1				0		400.0	446.5	
S 140 Total BTEX	1				0		1000.0	879.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00130	Amount Added: 20.00	Units: uL	
GAS Hi_00396	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00115	Amount Added: 20.00	Units: uL	
MIX I Hi_00142	Amount Added: 20.00	Units: uL	
Ethanol mix_00056	Amount Added: 20.00	Units: uL	
8FreonHi_00036	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00048	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44009.D

Injection Date: 10-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

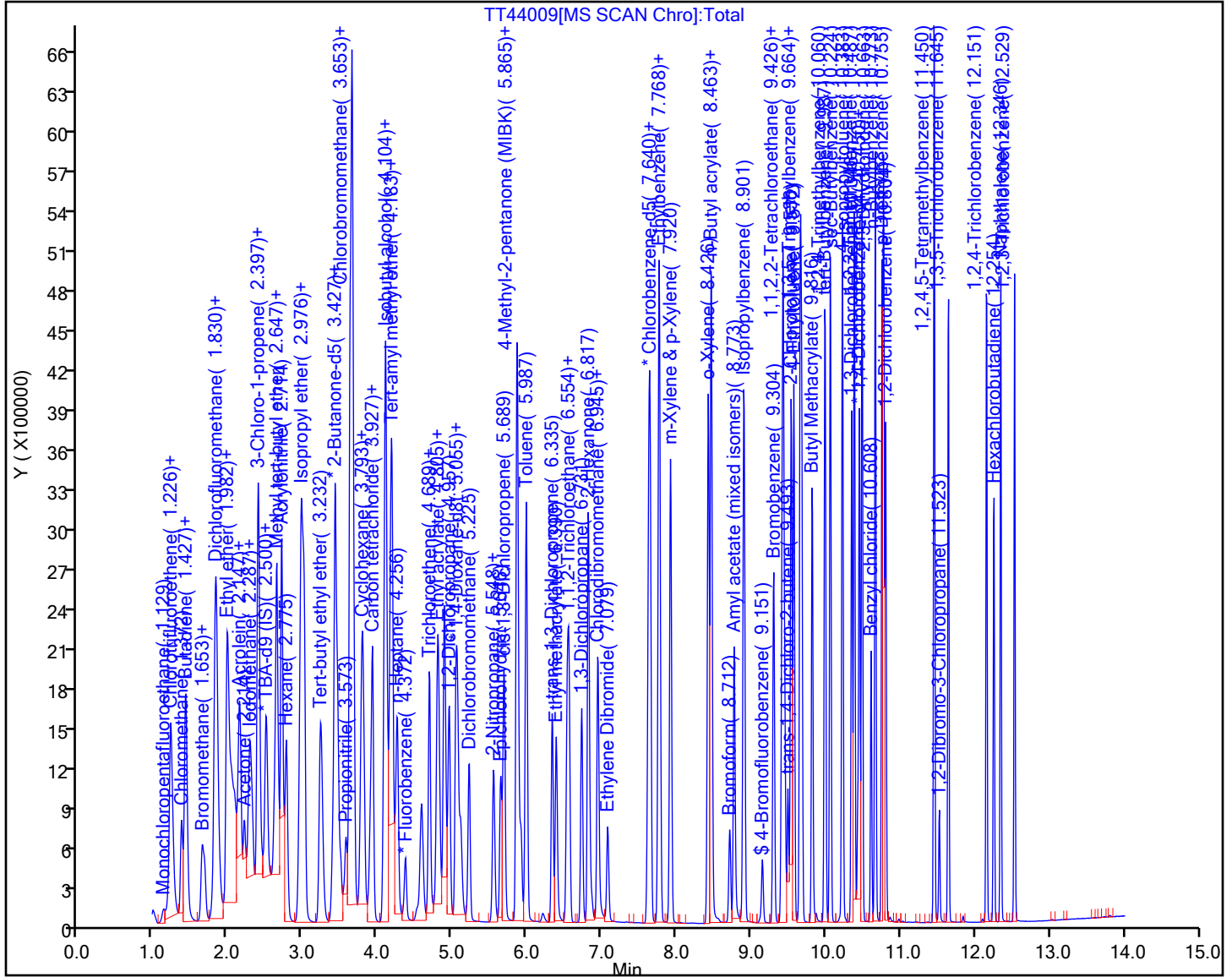
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44009.D

Injection Date: 10-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

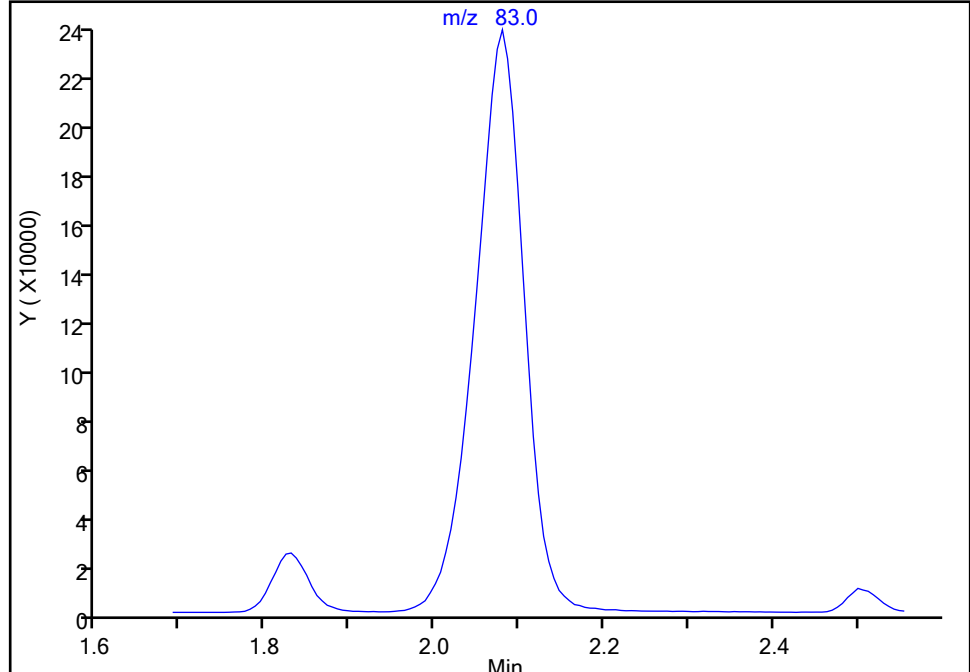
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.08

Processing Integration Results



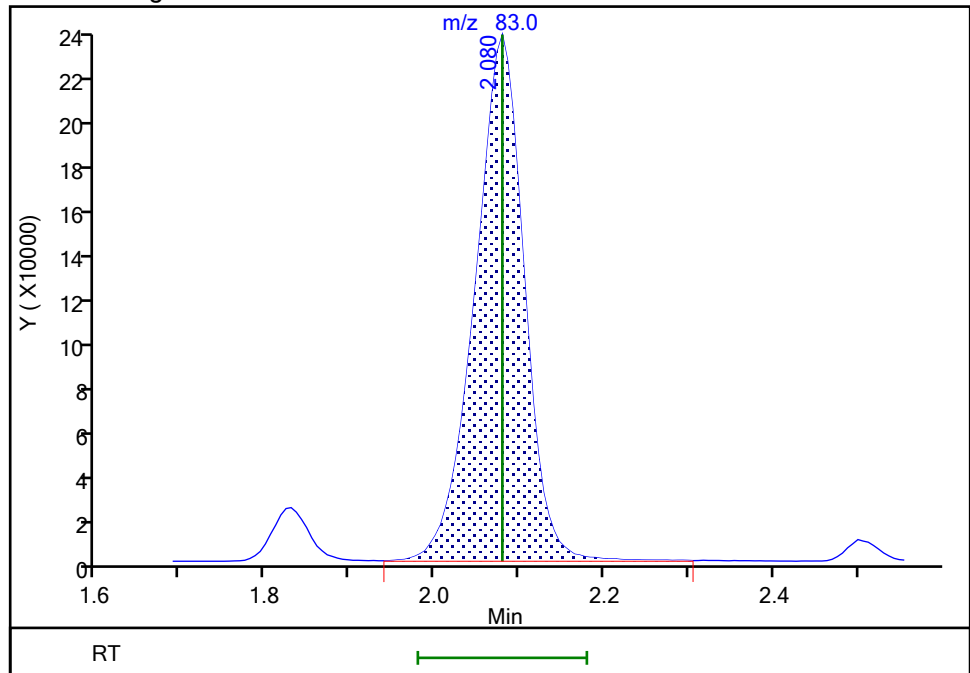
RT: 2.08

Area: 935379

Amount: 159.4545

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:31:05

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44009.D

Injection Date: 10-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

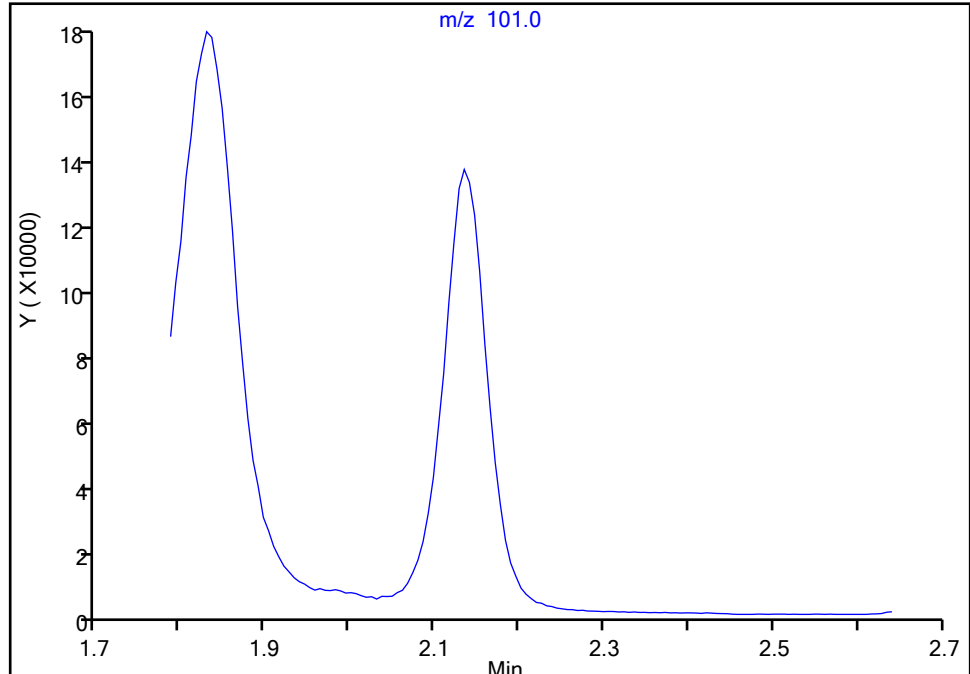
20 112TCTFE, CAS: 76-13-1

Signal: 1

Not Detected

Expected RT: 2.14

Processing Integration Results



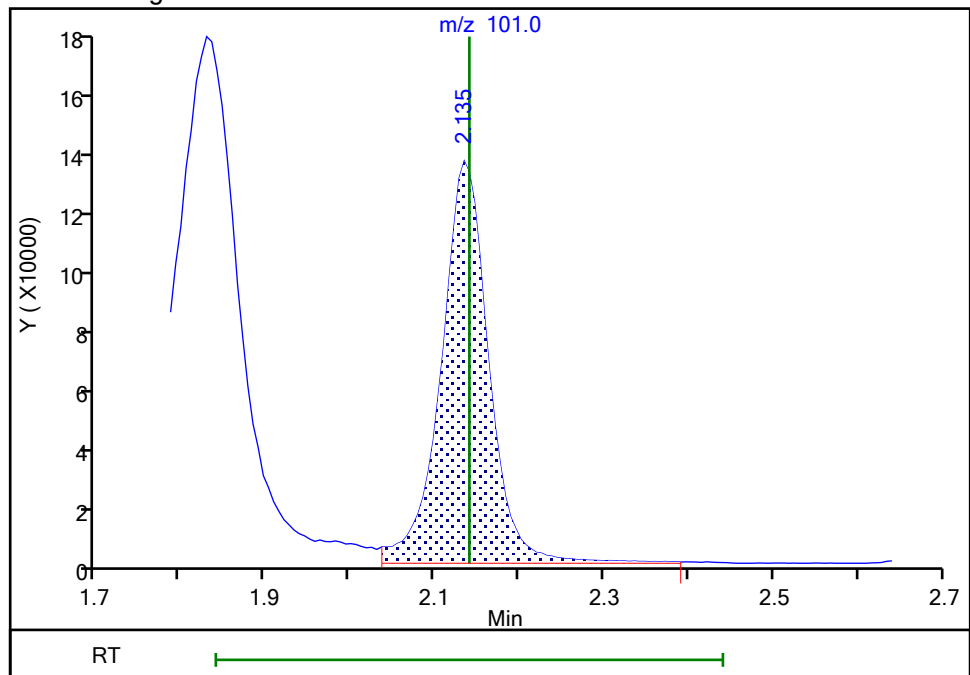
RT: 2.13

Area: 526098

Amount: 157.5264

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:31:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44009.D

Injection Date: 10-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

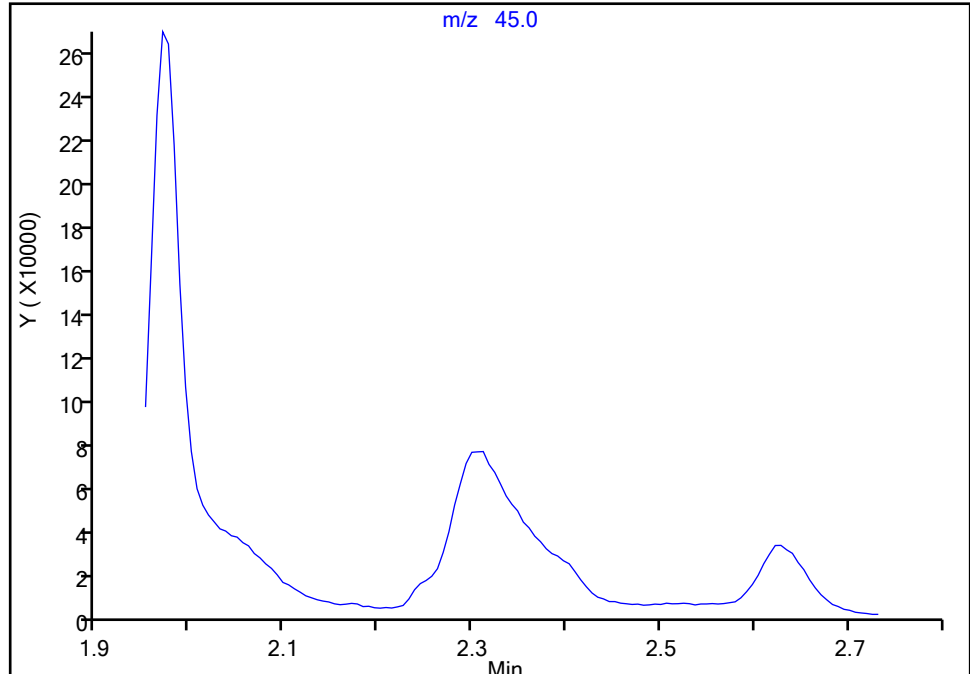
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

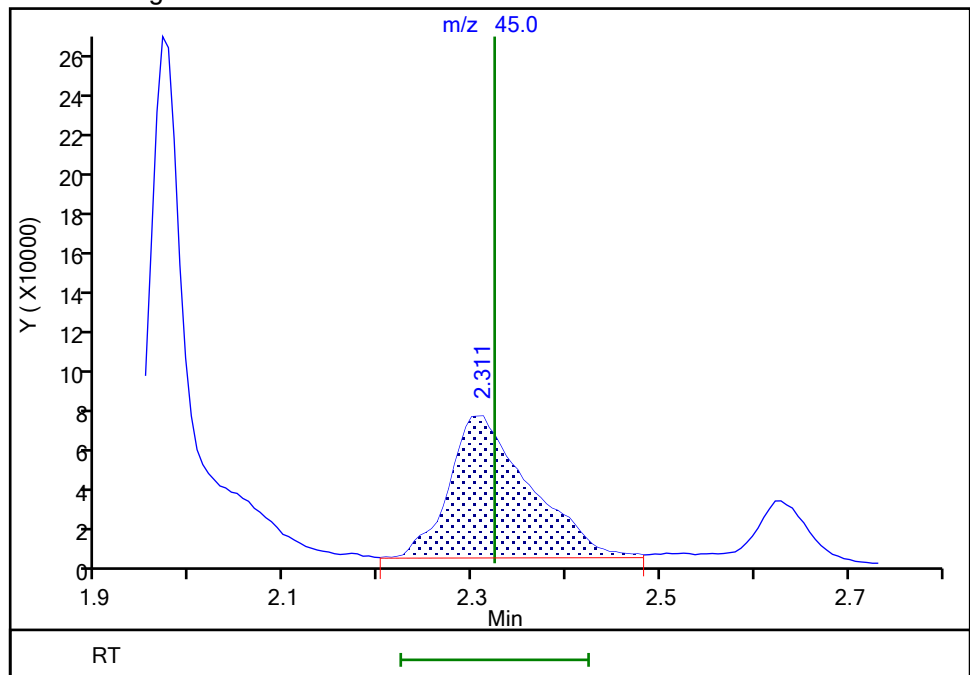
Not Detected

Expected RT: 2.32

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:31:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44009.D

Injection Date: 10-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

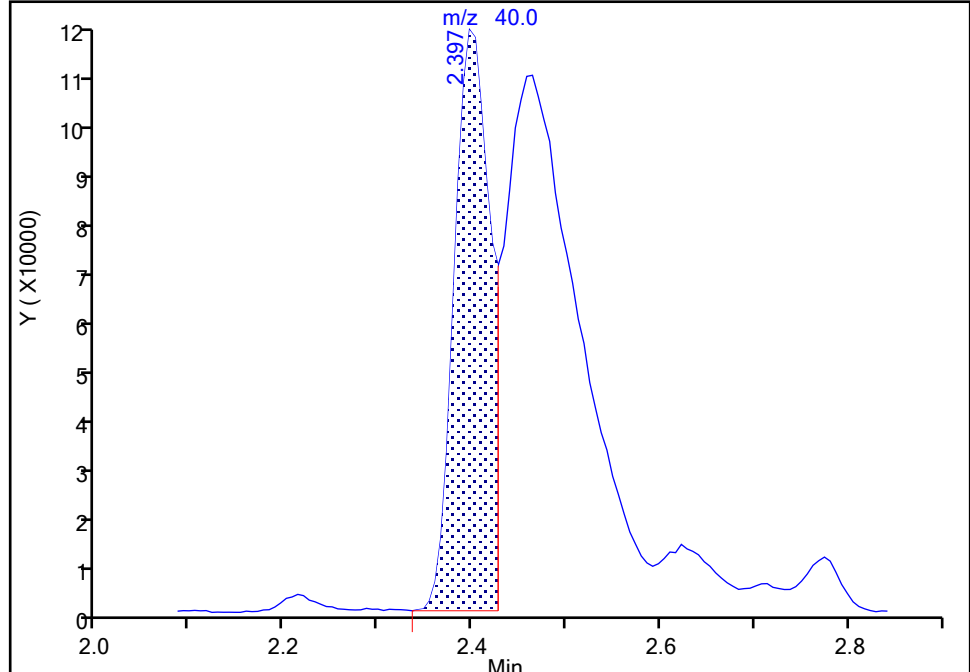
Detector: MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

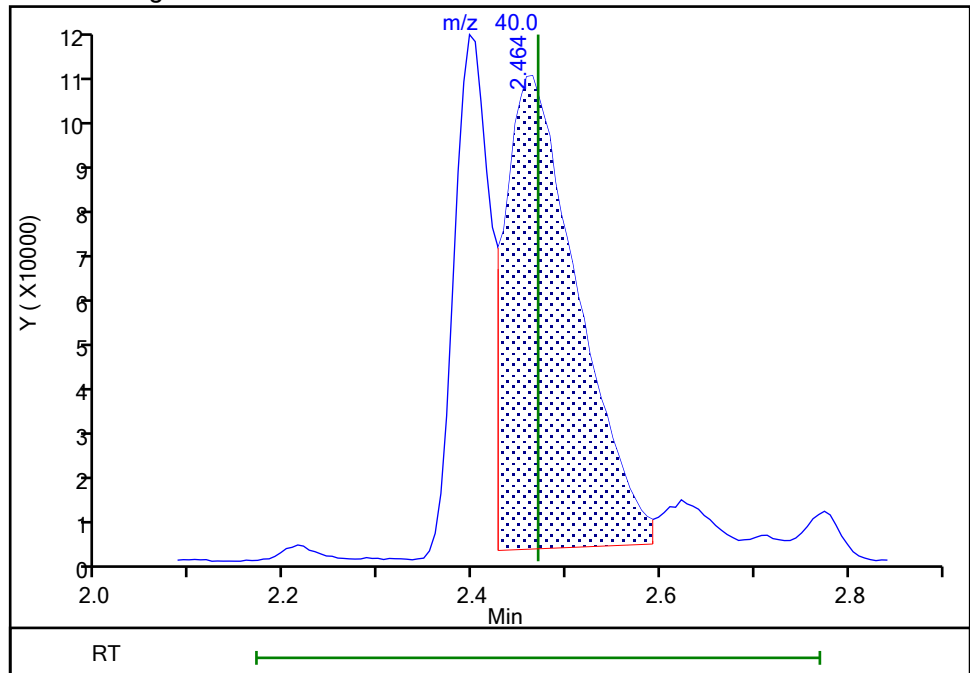
RT: 2.40
Area: 317778
Amount: 2023.1176
Amount Units: ug/l

Processing Integration Results



RT: 2.46
Area: 567910
Amount: 1868.8467
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:31:30

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44009.D

Injection Date: 10-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

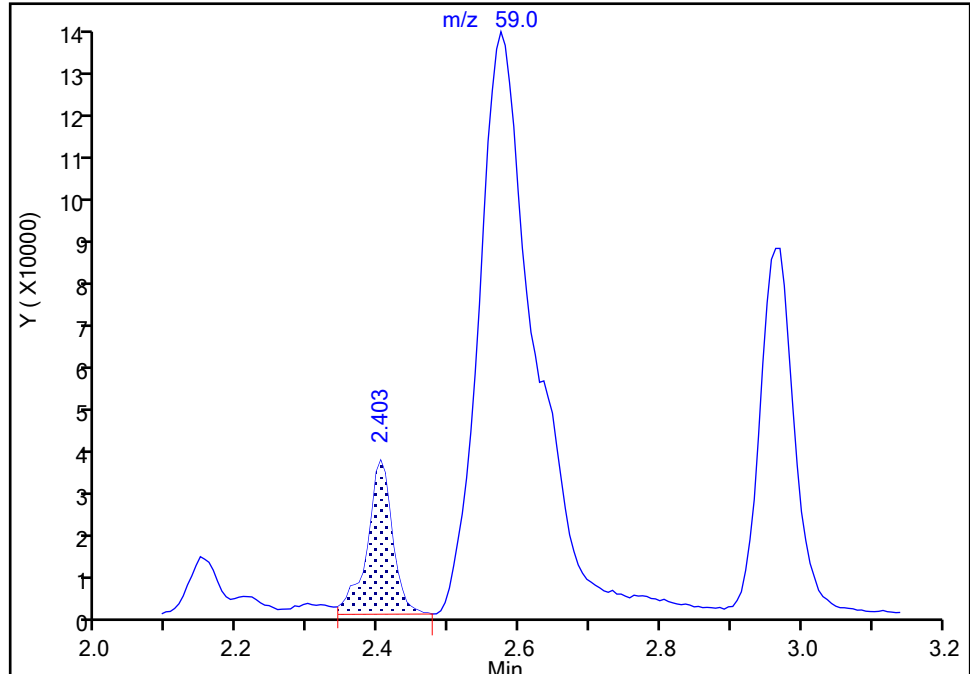
MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

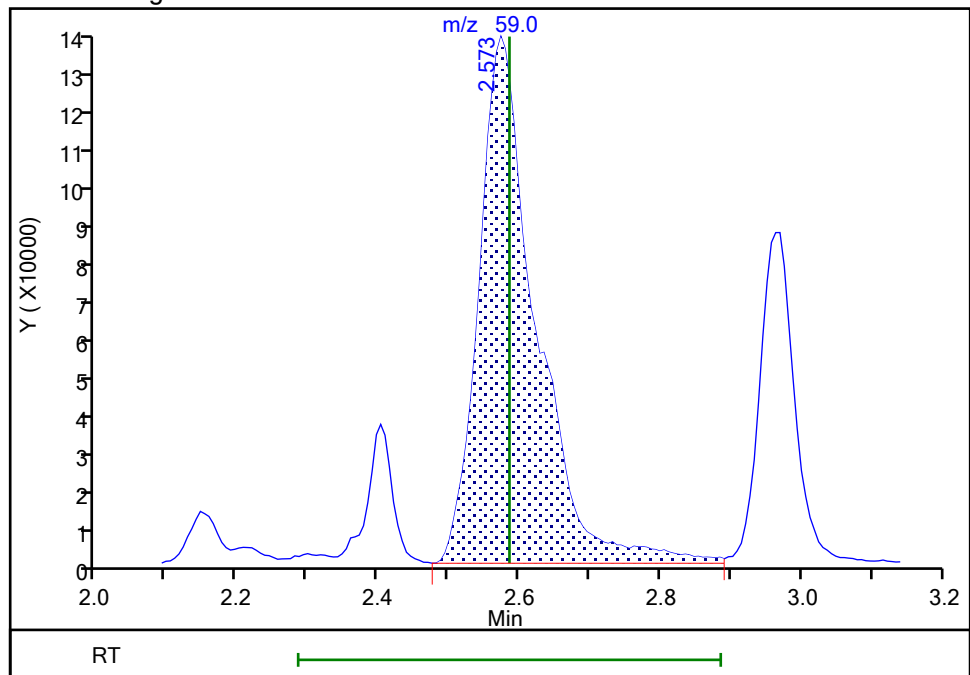
RT: 2.40
Area: 87587
Amount: 282.9663
Amount Units: ug/l

Processing Integration Results



RT: 2.57
Area: 748870
Amount: 1630.0063
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:31:36

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44009.D

Injection Date: 10-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

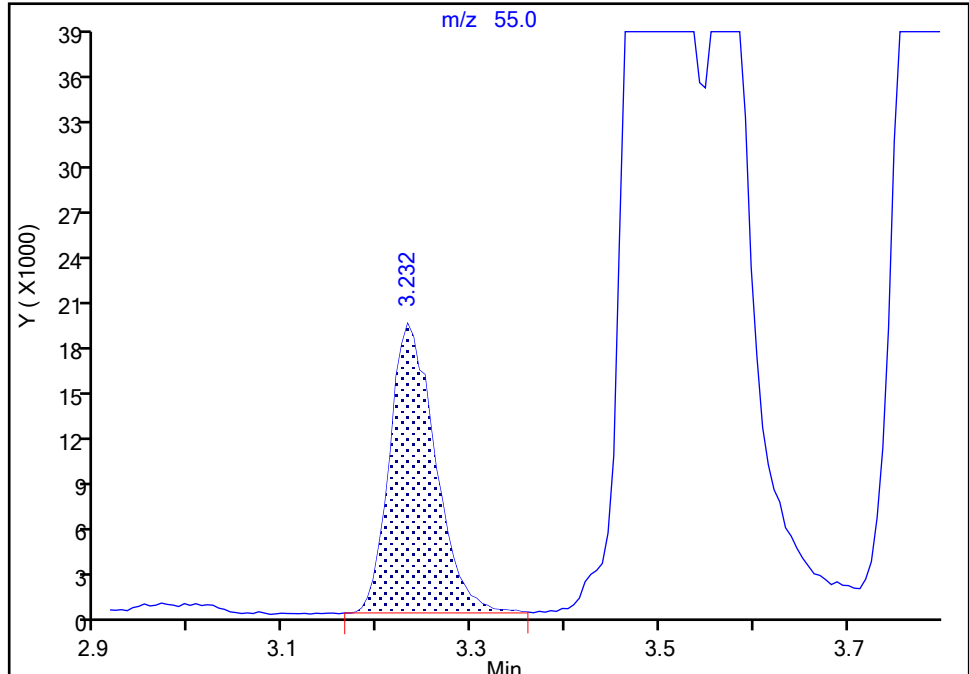
Detector: MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

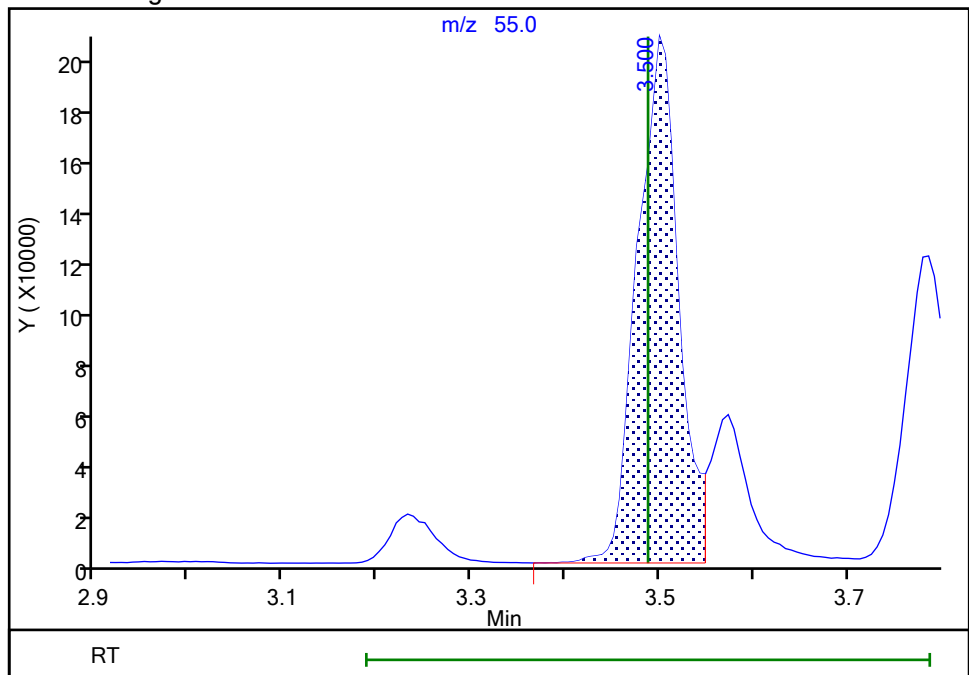
RT: 3.23
Area: 64511
Amount: 40.075954
Amount Units: ug/l

Processing Integration Results



RT: 3.50
Area: 633511
Amount: 208.7292
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:31:48

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44009.D

Injection Date: 10-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

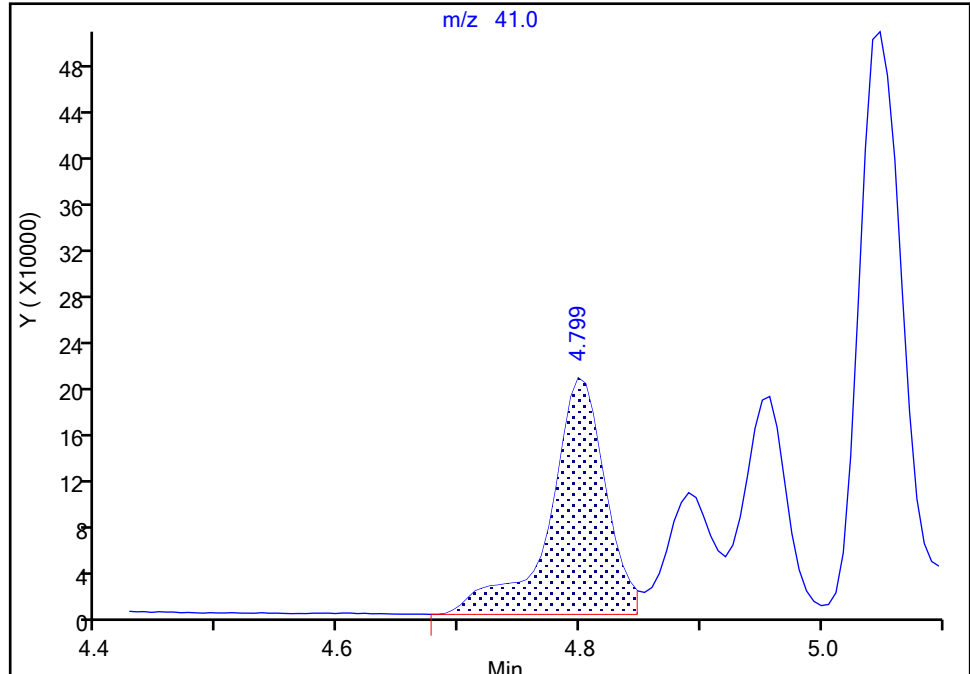
Detector: MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 2

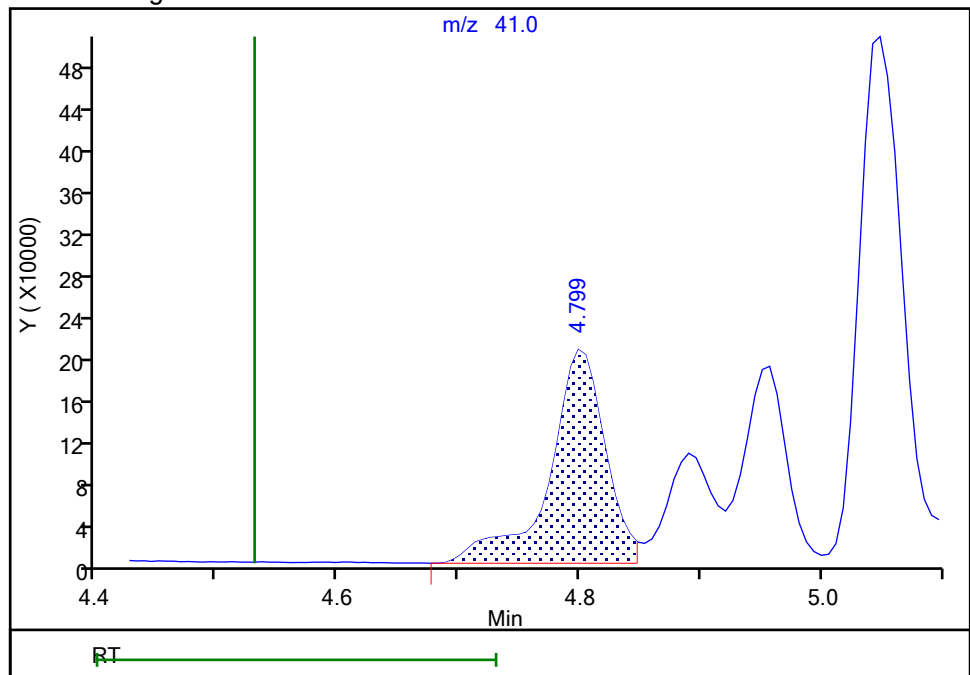
RT: 4.80
Area: 658671
Amount: 5000.2013
Amount Units: ug/l

Processing Integration Results



RT: 4.80
Area: 658671
Amount: 2794.2848
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:31:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44009.D

Injection Date: 10-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

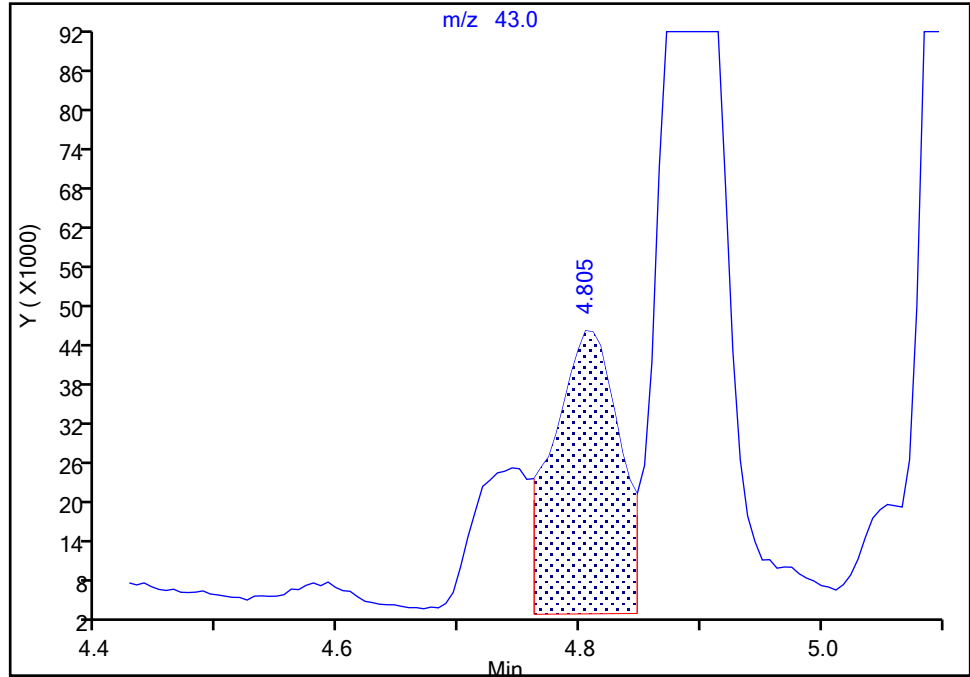
MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 3

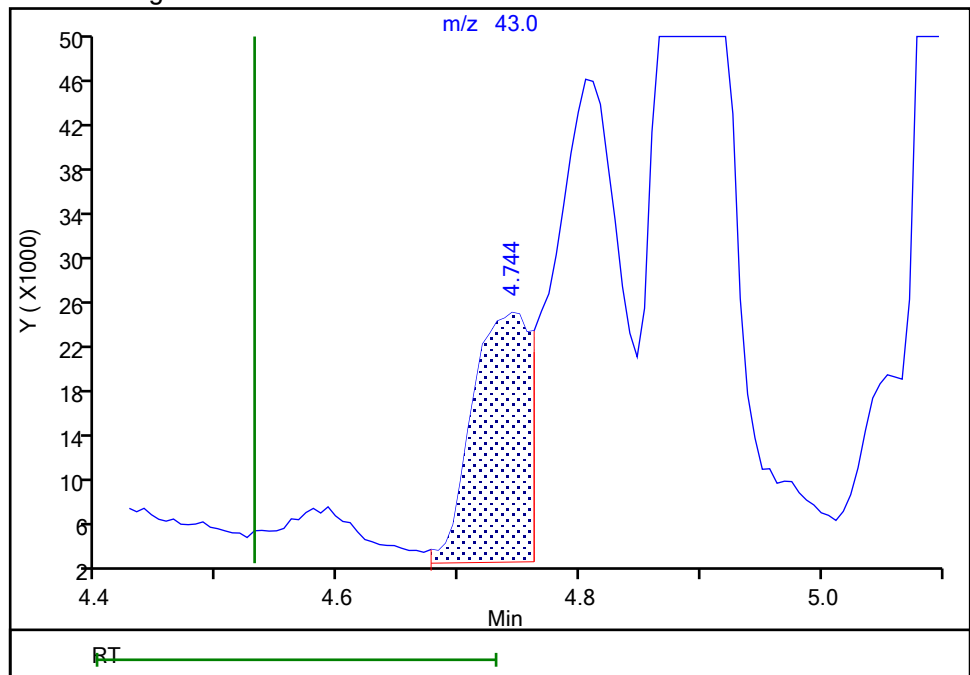
RT: 4.80
Area: 168921
Amount: 5000.2013
Amount Units: ug/l

Processing Integration Results



RT: 4.74
Area: 77885
Amount: 2794.2848
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:31:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44009.D

Injection Date: 10-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

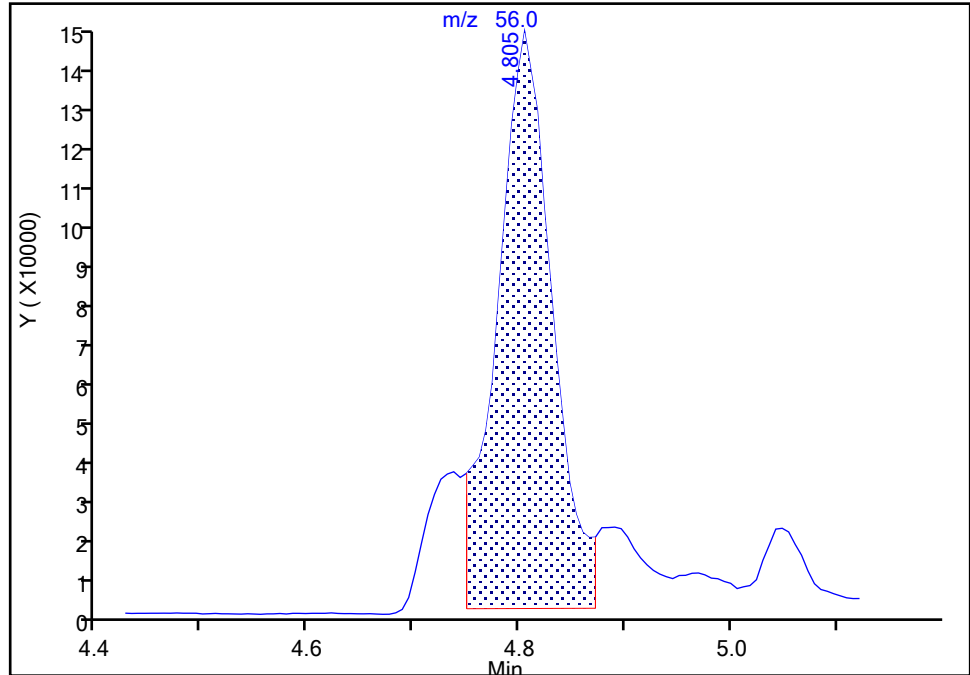
Detector: MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

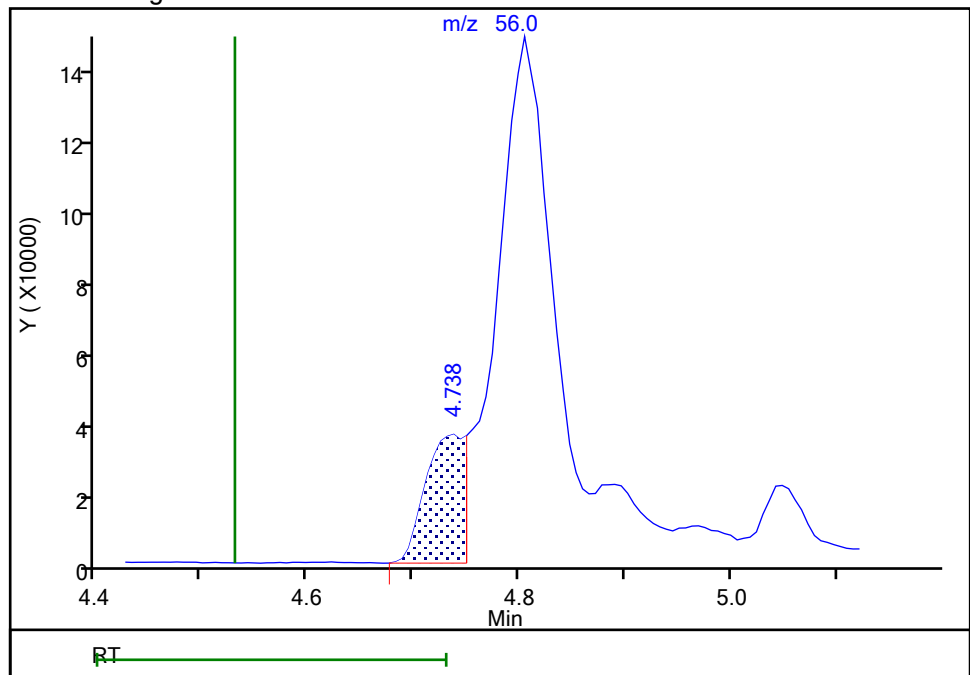
RT: 4.80
Area: 516528
Amount: 5000.2013
Amount Units: ug/l

Processing Integration Results



RT: 4.74
Area: 93822
Amount: 2794.2848
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:24:38

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44009.D

Injection Date: 10-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

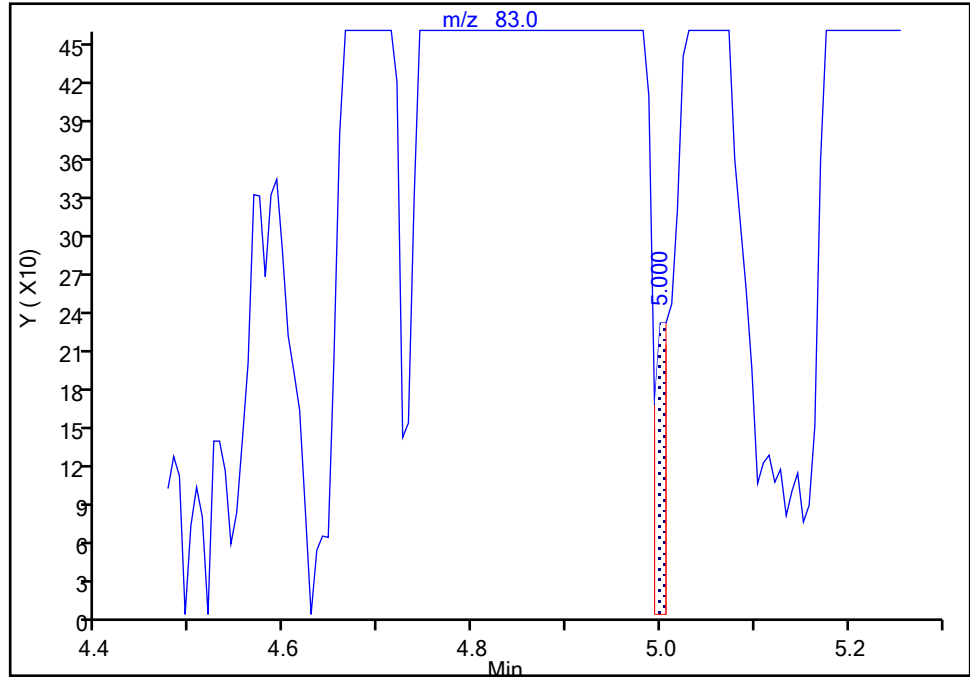
Detector: MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

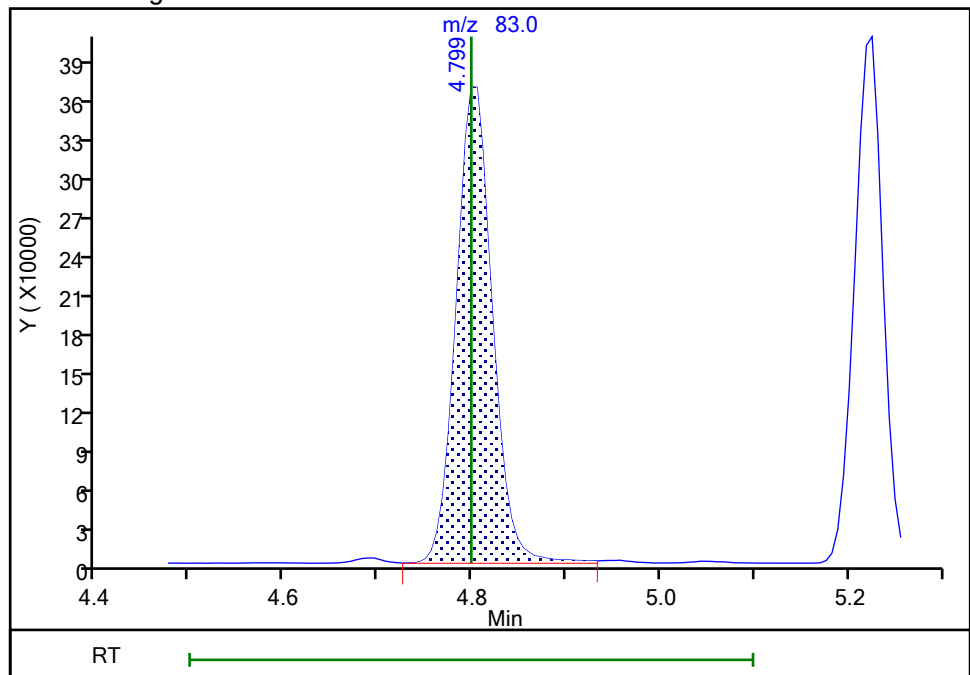
RT: 5.00
Area: 226
Amount: 0.045415
Amount Units: ug/l

Processing Integration Results



RT: 4.80
Area: 986856
Amount: 170.1906
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:32:05

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44009.D

Injection Date: 10-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

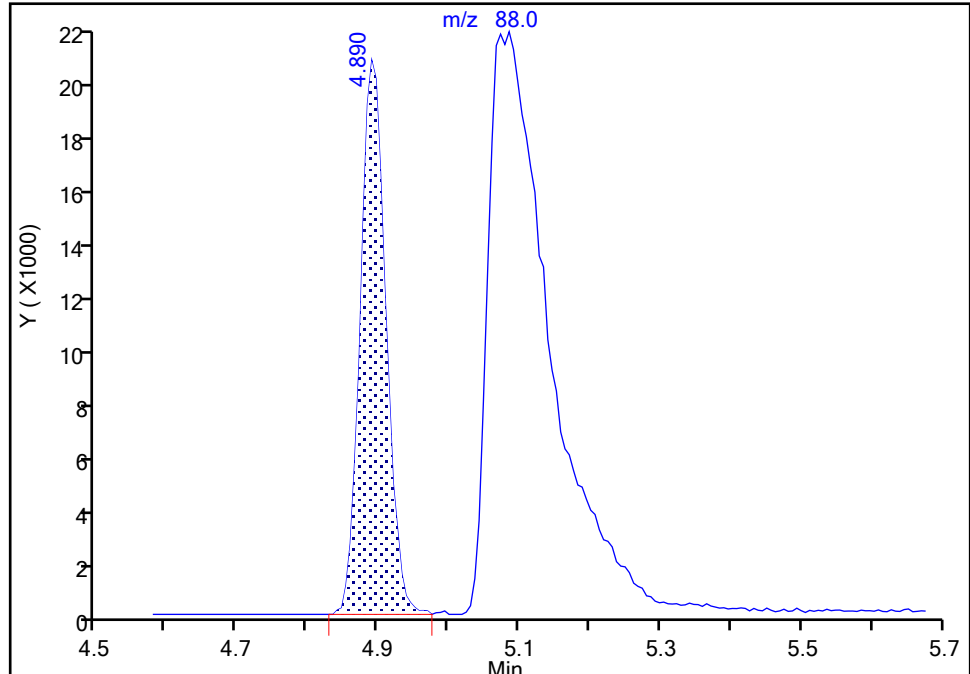
MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

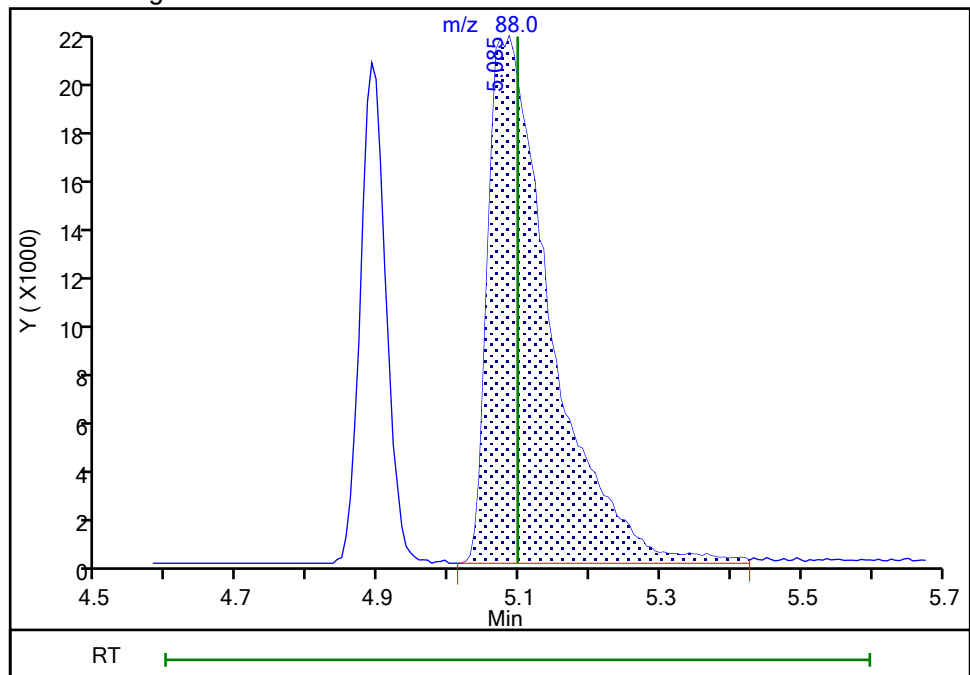
RT: 4.89
Area: 50754
Amount: 1733.8114
Amount Units: ug/l

Processing Integration Results



RT: 5.09
Area: 131844
Amount: 3562.7925
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:32:29

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44010.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 10-Sep-2021 09:23:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0134348-009
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 10-Sep-2021 19:42:02 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: desais

Date: 10-Sep-2021 09:42:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.141	1.147	-0.006	80	199403	500.0	527.9	
3 Chlorotrifluoroethene	116	1.214	1.208	0.006	91	755333	500.0	491.8	
2 1,1-Difluoroethane	65	1.226	1.220	0.006	91	1189043	500.0	409.1	
4 Dichlorodifluoromethane	85	1.232	1.232	0.000	96	2717849	500.0	516.1	
5 Chlorodifluoromethane	67	1.251	1.244	0.007	99	417531	500.0	411.7	
6 Chloromethane	50	1.379	1.372	0.007	98	2846016	500.0	467.8	
8 Butadiene	54	1.427	1.427	0.000	95	2086796	500.0	471.5	
7 Vinyl chloride	62	1.433	1.433	0.000	98	2296974	500.0	443.6	
9 Bromomethane	94	1.653	1.647	0.006	99	1013237	500.0	284.3	
10 Chloroethane	64	1.683	1.683	0.000	99	945131	500.0	500.9	
12 Trichlorofluoromethane	101	1.842	1.830	0.012	99	2392037	500.0	411.3	
11 Dichlorofluoromethane	67	1.836	1.830	0.006	99	3416742	500.0	381.5	
13 Pentane	72	1.842	1.830	0.012	96	503835	1000.0	774.6	
15 Ethyl ether	74	1.976	1.982	-0.006	93	1062257	500.0	424.1	
14 Ethanol	46	1.976	1.988	-0.012	86	384405	20000	20063	
16 2-Methyl-1,3-butadiene	53	2.000	1.994	0.006	98	1570088	500.0	405.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.043	2.037	0.006	87	1352611	500.0	379.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.086	2.080	0.006	91	2288704	500.0	375.0	a
19 Acrolein	56	2.122	2.116	0.006	93	220218	405.6	313.2	
20 112TCTFE	101	2.141	2.141	0.000	93	1443318	500.0	415.3	a
21 1,1-Dichloroethene	96	2.159	2.147	0.012	94	1458207	500.0	401.2	
22 Acetone	43	2.220	2.220	0.000	86	3969235	2500.0	2186.7	
23 Iodomethane	142	2.281	2.269	0.012	99	2647979	500.0	409.3	
24 Carbon disulfide	76	2.311	2.293	0.018	100	6080334	500.0	394.4	
25 Isopropyl alcohol	45	2.311	2.323	-0.012	82	1173833	5000.0	4689.8	a
26 3-Chloro-1-propene	76	2.391	2.390	0.001	90	1260394	500.0	431.4	
27 Methyl acetate	43	2.403	2.409	-0.006	99	3056832	1000.0	1033.2	
28 Cyclopentene	67	2.415	2.409	0.006	90	3889587	500.0	397.5	
29 Acetonitrile	41	2.464	2.470	-0.006	94	2781022	5000.0	3950.5	Ma
30 Methylene Chloride	84	2.512	2.506	0.006	99	1876872	500.0	393.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.531	2.531	0.000	32	42481	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.580	2.586	-0.006	97	2103163	5000.0	4205.5	a
33 Methyl tert-butyl ether	73	2.634	2.640	-0.006	97	5006049	500.0	440.8	
34 trans-1,2-Dichloroethene	96	2.653	2.653	0.000	98	1621608	500.0	398.4	
35 Acrylonitrile	53	2.720	2.720	0.000	94	7419588	5000.0	4538.0	
36 Hexane	57	2.775	2.781	-0.006	94	2353666	500.0	433.6	
37 Isopropyl ether	45	2.964	2.970	-0.006	91	6554273	500.0	424.6	
38 1,1-Dichloroethane	63	2.982	2.982	0.000	99	3367876	500.0	401.7	
39 Vinyl acetate	86	3.000	3.000	0.000	100	558837	1000.0	990.3	
40 2-Chloro-1,3-butadiene	88	3.018	3.018	0.000	93	1479457	500.0	418.6	
41 Tert-butyl ethyl ether	59	3.238	3.238	0.000	88	5788658	500.0	486.5	
* 42 2-Butanone-d5	46	3.409	3.390	0.019	96	366988	250.0	250.0	
43 2,2-Dichloropropane	97	3.427	3.421	0.006	96	518119	500.0	537.0	
44 cis-1,2-Dichloroethene	96	3.433	3.433	0.000	92	1857189	500.0	417.4	
45 2-Butanone (MEK)	72	3.457	3.439	0.018	96	1091772	2500.0	2182.3	
46 Ethyl acetate	70	3.464	3.445	0.019	96	379137	1000.0	941.3	
47 Methyl acrylate	55	3.506	3.488	0.018	98	1736927	500.0	550.0	a
48 Propionitrile	54	3.579	3.585	-0.006	98	2741195	5000.0	5012.5	
49 Chlorobromomethane	128	3.628	3.628	0.000	97	869992	500.0	403.7	
51 Methacrylonitrile	67	3.659	3.634	0.025	94	6397082	5000.0	4387.3	
50 Tetrahydrofuran	72	3.634	3.634	0.000	94	453917	1000.0	683.5	
52 Chloroform	83	3.683	3.677	0.006	98	2643844	500.0	378.9	
53 Cyclohexane	84	3.793	3.787	0.006	96	2343296	500.0	443.7	
54 1,1,1-Trichloroethane	97	3.805	3.805	0.000	98	2363391	500.0	474.4	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.817	0.000	97	109881	50.0	42.7	
56 Carbon tetrachloride	117	3.909	3.908	0.001	98	1974163	500.0	560.5	
57 1,1-Dichloropropene	75	3.933	3.933	0.000	97	2481465	500.0	462.2	
58 Isobutyl alcohol	43	4.091	4.085	0.006	91	2913780	12500	17668	
59 Isooctane	57	4.098	4.091	0.007	99	6151410	500.0	452.5	
60 Benzene	78	4.110	4.104	0.006	97	6584989	500.0	409.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.128	4.122	0.006	96	156358	50.0	48.7	
62 Tert-amyl methyl ether	73	4.183	4.177	0.006	88	5761454	500.0	490.2	
64 1,2-Dichloroethane	62	4.195	4.183	0.012	97	2291760	500.0	431.6	
63 Isopropyl acetate	61	4.189	4.189	0.000	96	923299	500.0	499.6	
65 n-Heptane	100	4.262	4.262	0.000	96	373945	500.0	446.7	
* 66 Fluorobenzene	96	4.372	4.366	0.006	97	462096	50.0	50.0	
67 n-Butanol	56	4.713	4.531	0.183	92	658403	12500	18014	a
68 Trichloroethene	95	4.695	4.689	0.006	96	1872743	500.0	494.6	
69 Methylcyclohexane	83	4.805	4.799	0.006	91	2823601	500.0	468.0	
70 Ethyl acrylate	99	4.823	4.823	0.000	98	234096	500.0	499.8	
71 1,2-Dichloropropane	63	4.957	4.951	0.006	91	1974296	500.0	472.9	
73 Methyl methacrylate	100	5.055	5.049	0.007	94	811690	1000.0	1000.3	
* 72 1,4-Dioxane-d8	96	5.067	5.061	0.006	71	31157	1000.0	1000.0	
74 Dibromomethane	93	5.073	5.067	0.006	95	1071949	500.0	464.1	
75 1,4-Dioxane	88	5.085	5.097	-0.012	59	351918	10000	7548.8	
76 n-Propyl acetate	43	5.110	5.116	-0.006	99	2846576	500.0	500.0	
77 Dichlorobromomethane	83	5.225	5.219	0.006	99	2448394	500.0	554.2	
78 2-Nitropropane	41	5.548	5.542	0.006	98	871333	1000.0	1471.6	
79 2-Chloroethyl vinyl ether	63	5.555	5.555	0.001	97	1214361	501.2	586.8	
80 Epichlorohydrin	57	5.652	5.652	0.000	100	3936638	10000	10004	
81 cis-1,3-Dichloropropene	75	5.695	5.689	0.006	94	3074221	500.0	557.0	
82 4-Methyl-2-pentanone (MIBK)	58	5.865	5.872	-0.007	98	3950420	2500.0	2119.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	5.920	5.914	0.006	96	414882	50.0	45.1	
84 Toluene	91	5.994	5.987	0.007	93	6628309	500.0	436.4	
85 trans-1,3-Dichloropropene	75	6.335	6.335	0.000	98	2792335	500.0	691.2	
86 Ethyl methacrylate	69	6.390	6.396	-0.006	93	2423367	500.0	500.1	
87 1,1,2-Trichloroethane	83	6.536	6.536	0.000	95	1327646	500.0	462.0	
88 Tetrachloroethene	166	6.567	6.560	0.007	94	1530826	500.0	438.5	
89 1,3-Dichloropropane	76	6.731	6.731	0.000	97	2742213	500.0	481.7	
90 2-Hexanone	43	6.823	6.829	-0.006	98	6942726	2500.0	2500.5	
92 Chlorodibromomethane	129	6.951	6.944	0.007	72	1548953	500.0	572.2	
91 n-Butyl acetate	43	6.951	6.957	-0.006	99	3153601	500.0	557.8	
93 Ethylene Dibromide	107	7.085	7.079	0.006	98	1469510	500.0	535.3	
* 94 Chlorobenzene-d5	117	7.615	7.615	0.000	93	344931	50.0	50.0	
95 Chlorobenzene	112	7.652	7.646	0.006	92	4201093	500.0	436.7	
96 Ethylbenzene	106	7.768	7.767	0.001	99	2204616	500.0	427.4	
97 1,1,1,2-Tetrachloroethane	131	7.780	7.780	0.000	94	1482868	500.0	531.1	
98 m-Xylene & p-Xylene	106	7.926	7.920	0.006	98	2787231	500.0	452.0	
99 o-Xylene	106	8.426	8.426	0.000	93	3034123	500.0	474.0	
100 n-Butyl acrylate	73	8.463	8.469	-0.006	96	1256605	500.0	500.0	
101 Styrene	104	8.469	8.469	0.000	93	4351905	500.0	450.4	
102 Bromoform	173	8.712	8.712	0.000	95	1051264	500.0	639.1	
103 Amyl acetate (mixed isomers)	43	8.773	8.779	-0.006	89	3963769	500.0	499.8	
104 Isopropylbenzene	105	8.908	8.901	0.007	97	7487294	500.0	441.4	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	126685	50.0	48.1	
106 Bromobenzene	156	9.304	9.304	0.000	94	1801497	500.0	535.3	
107 1,1,2,2-Tetrachloroethane	83	9.414	9.407	0.007	99	2058108	500.0	509.0	
108 N-Propylbenzene	91	9.432	9.426	0.006	98	8427782	500.0	493.0	
109 1,2,3-Trichloropropane	110	9.456	9.450	0.006	97	492003	500.0	478.1	
110 trans-1,4-Dichloro-2-butene	53	9.493	9.493	0.000	89	567418	500.0	605.0	
111 2-Chlorotoluene	91	9.542	9.535	0.007	97	5360136	500.0	482.0	
112 4-Ethyltoluene	105	9.578	9.572	0.006	97	6291143	500.0	473.2	
113 1,3,5-Trimethylbenzene	105	9.664	9.657	0.007	92	5920656	500.0	509.1	
114 4-Chlorotoluene	91	9.682	9.676	0.006	99	5390066	500.0	475.9	
115 Butyl Methacrylate	87	9.822	9.822	0.000	95	2295789	500.0	499.9	
116 tert-Butylbenzene	119	9.993	9.993	0.000	92	5308834	500.0	574.0	
117 1,2,4-Trimethylbenzene	105	10.066	10.060	0.006	99	6070020	500.0	506.8	
118 sec-Butylbenzene	105	10.224	10.224	0.000	98	7997060	500.0	526.6	
119 1,3-Dichlorobenzene	146	10.352	10.352	0.000	93	3129807	500.0	485.8	
120 4-Isopropyltoluene	119	10.383	10.383	0.000	97	6205244	500.0	501.8	
* 121 1,4-Dichlorobenzene-d4	152	10.432	10.426	0.006	98	151492	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.450	10.450	0.000	91	2965560	500.0	456.7	
123 1,2,3-Trimethylbenzene	105	10.487	10.486	0.001	99	6116334	500.0	484.0	
124 Benzyl chloride	91	10.608	10.608	0.000	97	3250347	500.0	499.9	
125 2,3-Dihydroindene	117	10.663	10.663	0.000	95	5557197	500.0	481.8	
126 p-Diethylbenzene	119	10.755	10.755	0.000	92	3254468	500.0	494.7	
127 n-Butylbenzene	92	10.779	10.773	0.006	99	3283473	500.0	462.1	
128 1,2-Dichlorobenzene	146	10.804	10.803	0.001	93	2797469	500.0	450.4	
129 1,2,4,5-Tetramethylbenzene	119	11.456	11.450	0.006	97	6653799	500.0	551.0	
130 1,2-Dibromo-3-Chloropropane	157	11.523	11.523	0.000	94	434845	500.0	499.9	
131 1,3,5-Trichlorobenzene	180	11.645	11.645	0.000	96	2474478	500.0	458.6	
132 1,2,4-Trichlorobenzene	180	12.157	12.157	0.000	94	2509324	500.0	485.5	
133 Hexachlorobutadiene	225	12.254	12.254	0.000	92	1132180	500.0	507.1	
134 Naphthalene	128	12.346	12.346	0.000	98	6078254	500.0	496.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	94	2291846	500.0	465.6	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	815.8	
S 137 Xylenes, Total	100				0		1000.0	926.0	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	1248.2	
S 140 Total BTEX	1				0		2500.0	2199.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00130	Amount Added: 40.00	Units: uL	
GAS Hi_00396	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00115	Amount Added: 50.00	Units: uL	
MIX I Hi_00142	Amount Added: 50.00	Units: uL	
Ethanol mix_00056	Amount Added: 50.00	Units: uL	
8FreonHi_00036	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00048	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44010.D

Injection Date: 10-Sep-2021 09:23:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

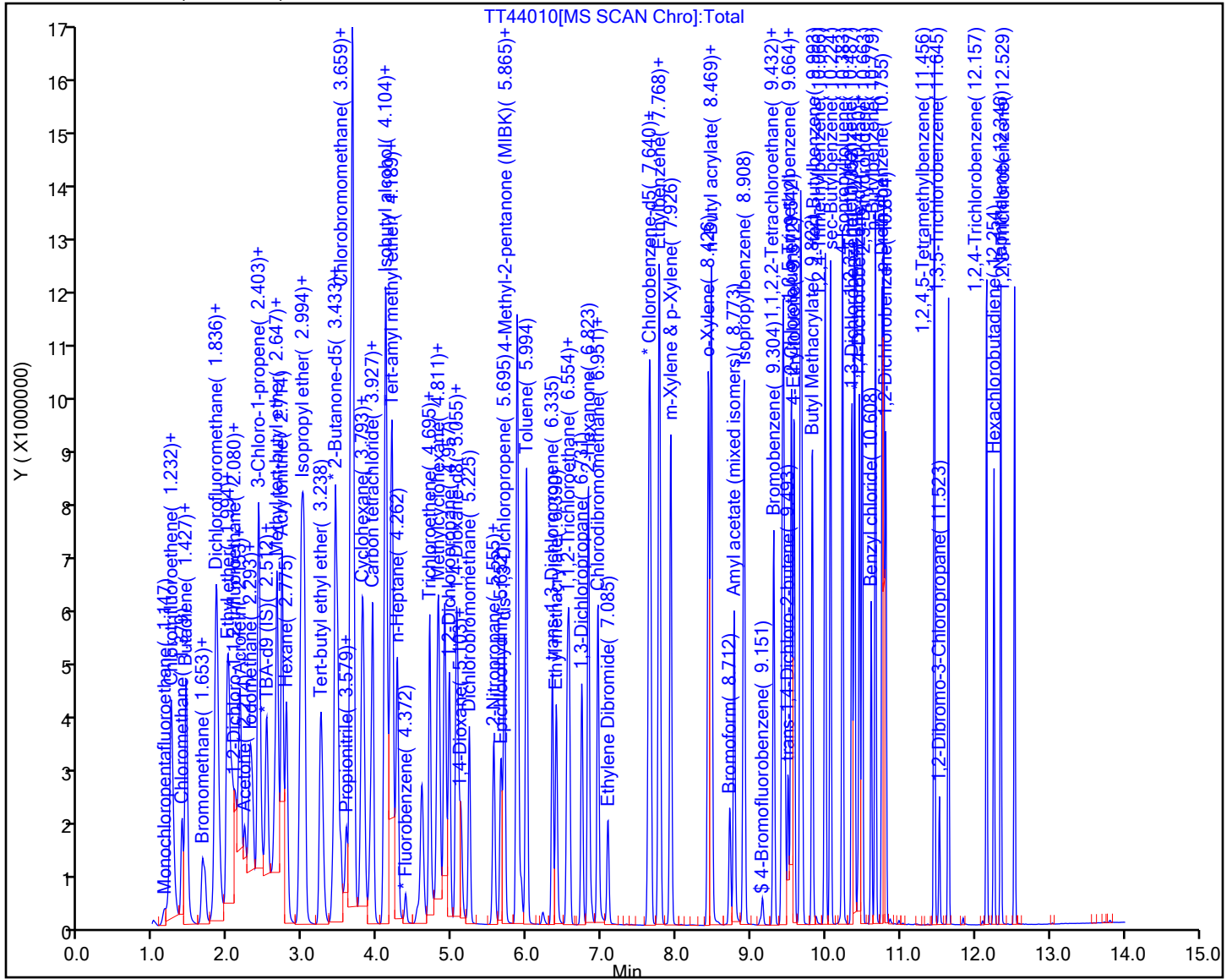
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44010.D

Injection Date: 10-Sep-2021 09:23:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

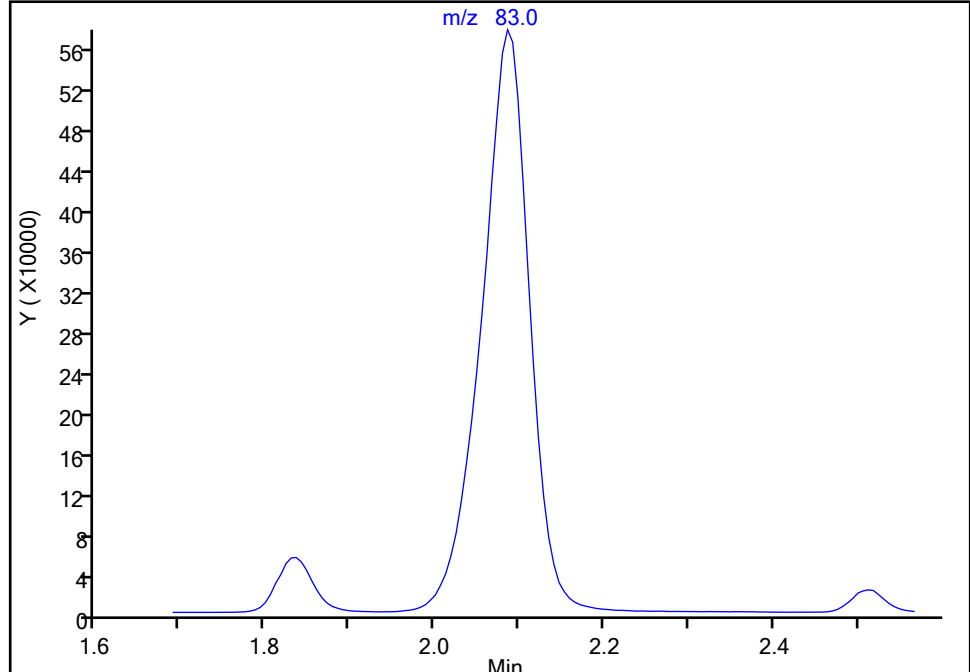
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.08

Processing Integration Results



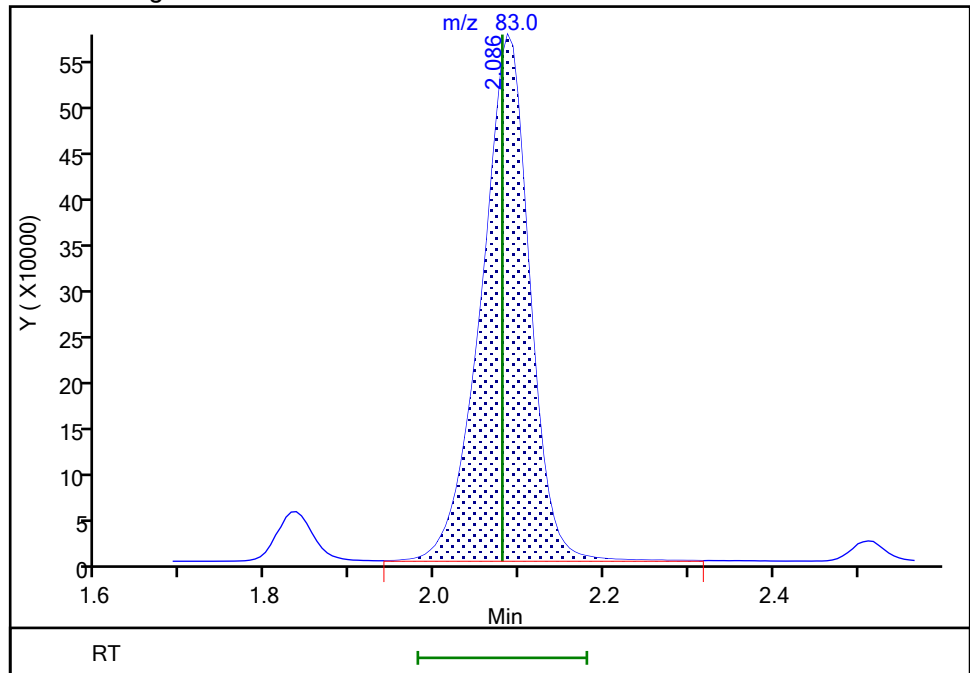
RT: 2.09

Area: 2288704

Amount: 374.9520

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:34:58

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44010.D

Injection Date: 10-Sep-2021 09:23:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

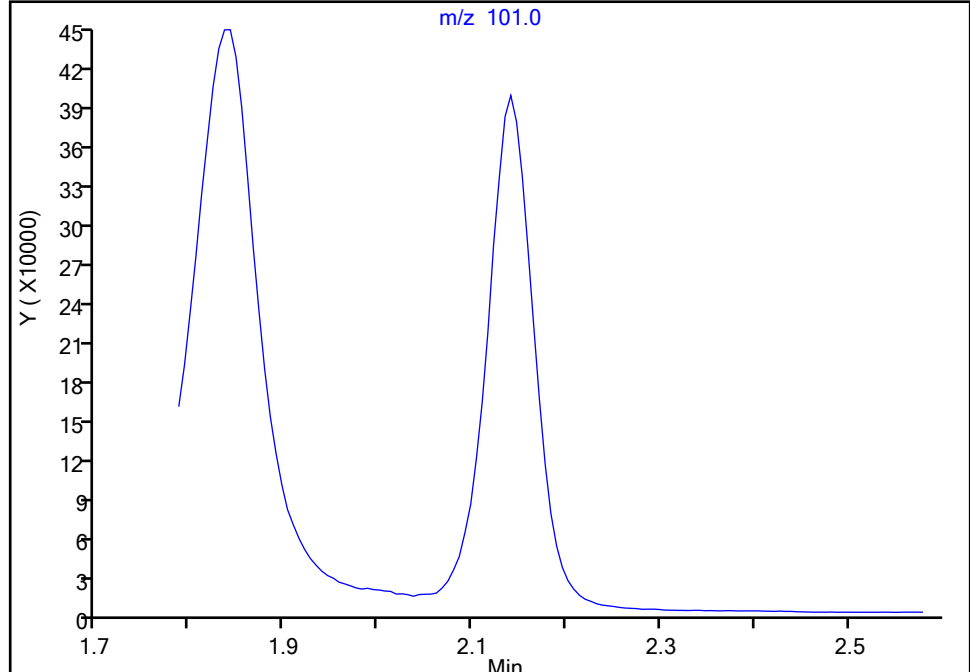
20 112TCTFE, CAS: 76-13-1

Signal: 1

Not Detected

Expected RT: 2.14

Processing Integration Results



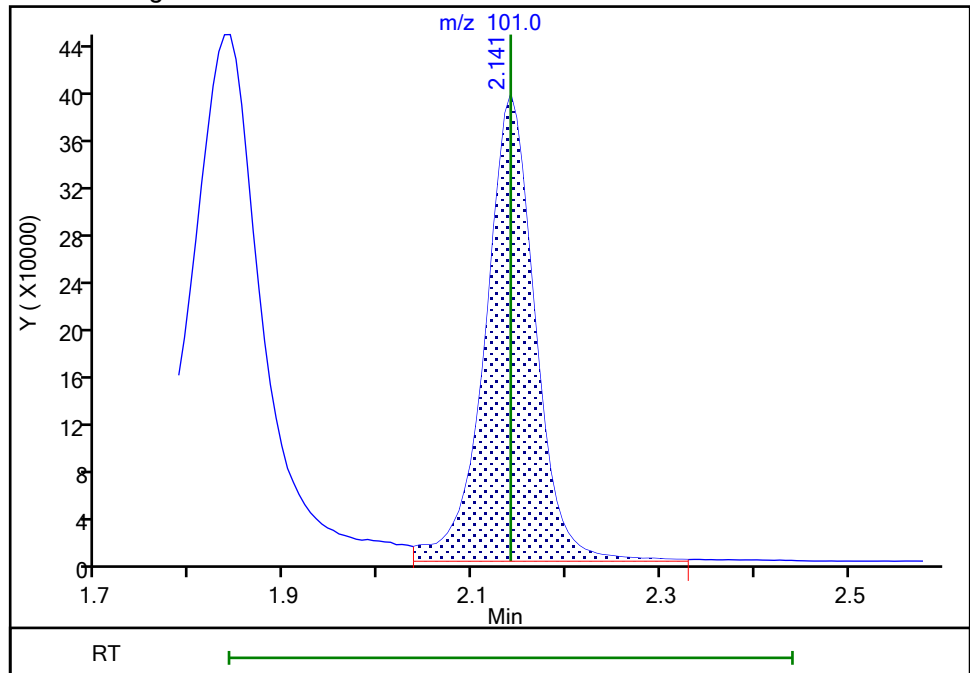
RT: 2.14

Area: 1443318

Amount: 415.3225

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:35:03

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44010.D

Injection Date: 10-Sep-2021 09:23:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

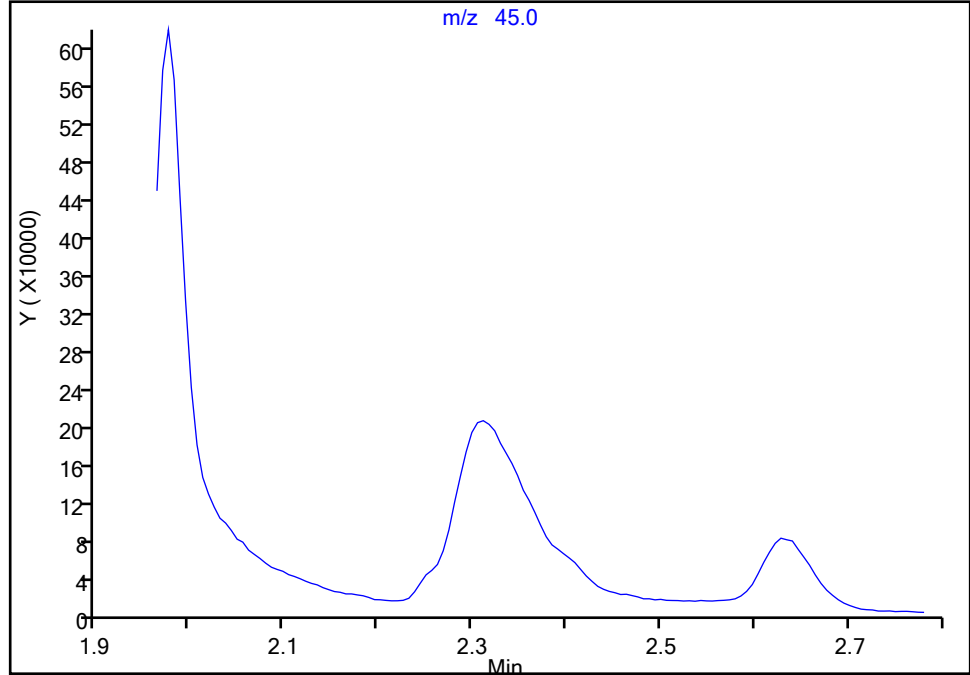
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

Not Detected

Expected RT: 2.32

Processing Integration Results



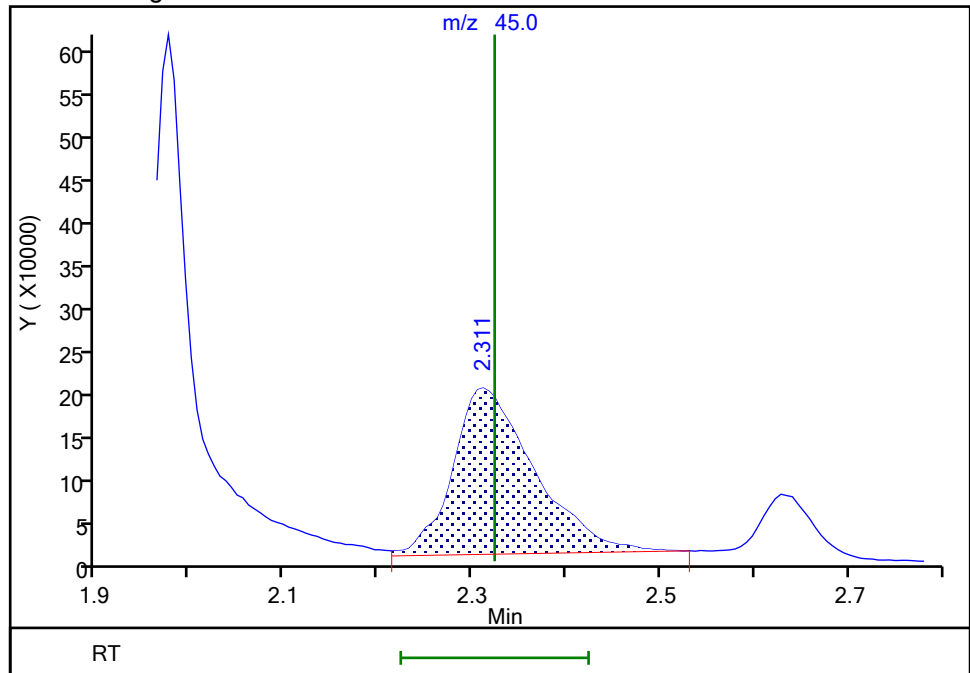
RT: 2.31

Area: 1173833

Amount: 4689.7895

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:35:10

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44010.D

Injection Date: 10-Sep-2021 09:23:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

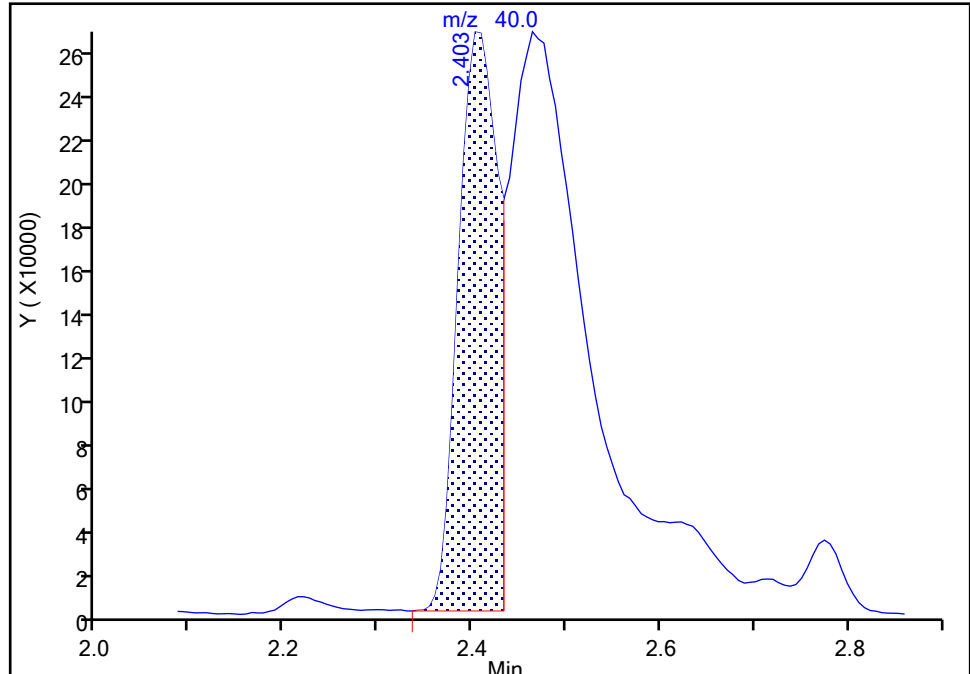
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

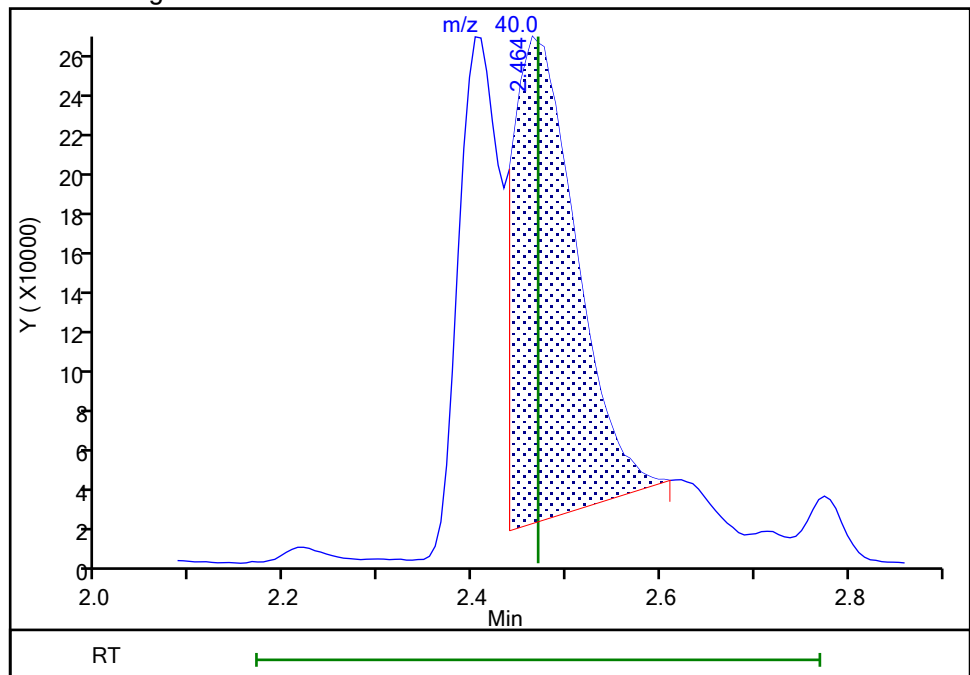
RT: 2.40
Area: 771777
Amount: 5005.6820
Amount Units: ug/l

Processing Integration Results



RT: 2.46
Area: 1117997
Amount: 3950.5191
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:35:18

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44010.D

Injection Date: 10-Sep-2021 09:23:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

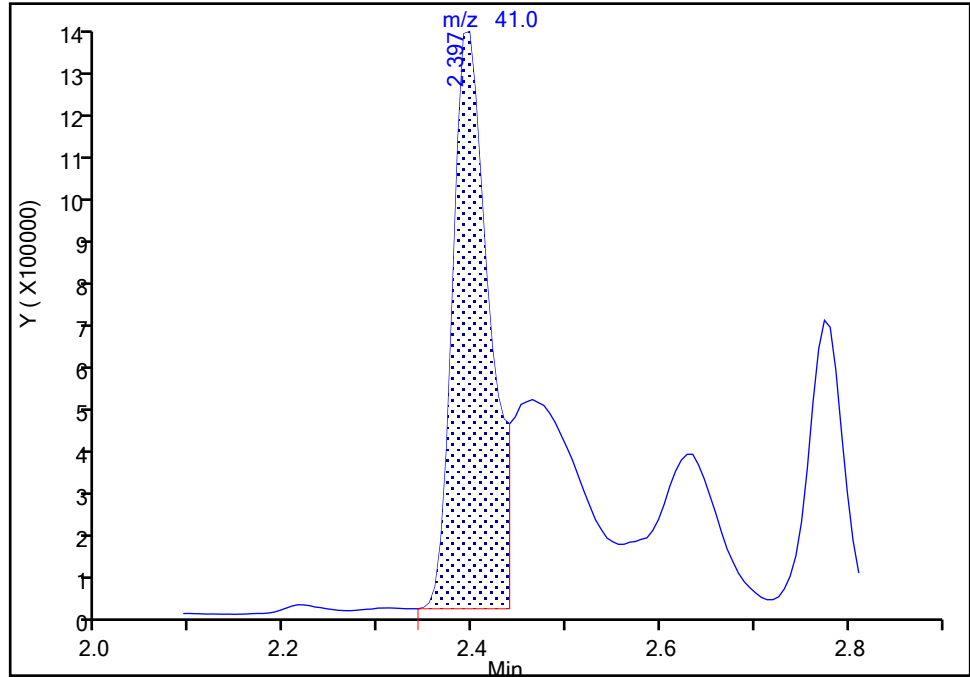
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 2

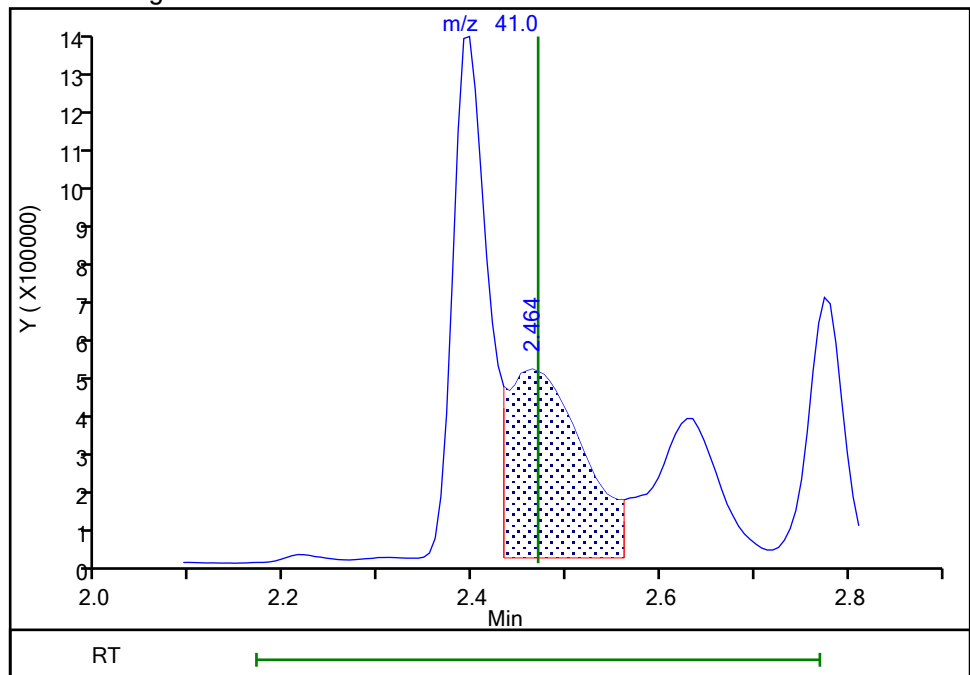
RT: 2.40
Area: 3699599
Amount: 5005.6820
Amount Units: ug/l

Processing Integration Results



RT: 2.46
Area: 2781022
Amount: 3950.5191
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:35:44

Audit Action: Manually Integrated

Audit Reason: Wrong peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44010.D

Injection Date: 10-Sep-2021 09:23:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

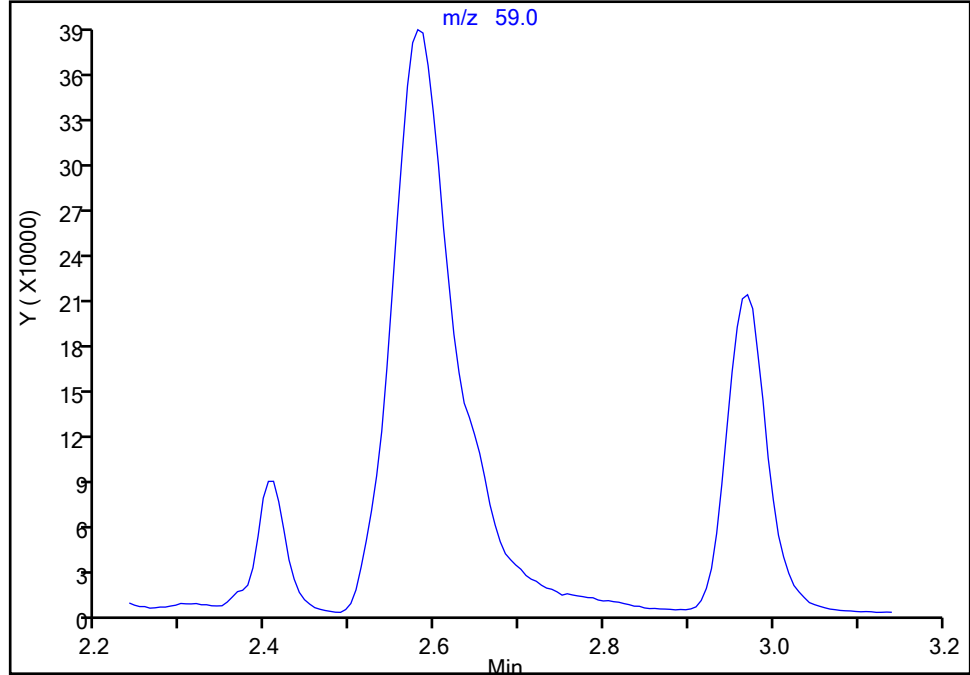
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

Not Detected

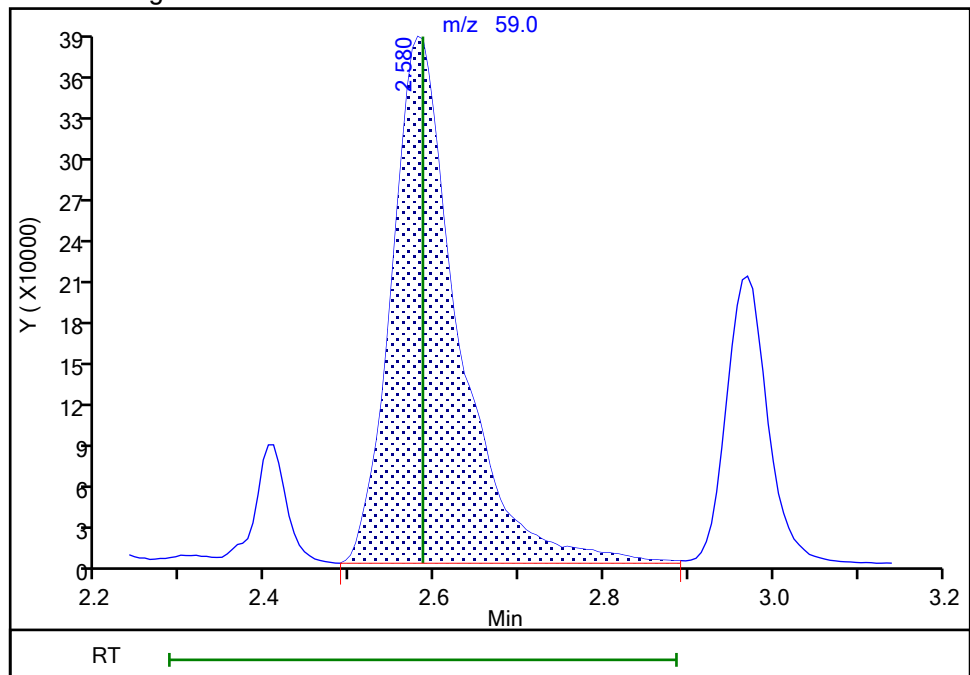
Expected RT: 2.59

Processing Integration Results



RT: 2.58
Area: 2103163
Amount: 4205.4754
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:35:55

Audit Action: Assigned Compound ID

Audit Reason: Wrong peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44010.D

Injection Date: 10-Sep-2021 09:23:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

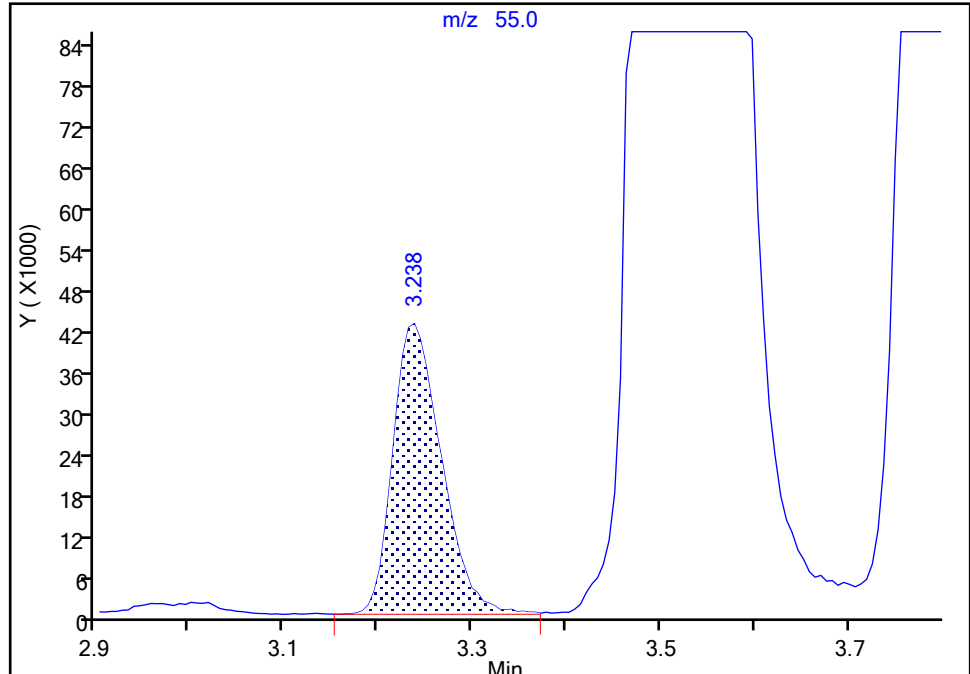
Detector: MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

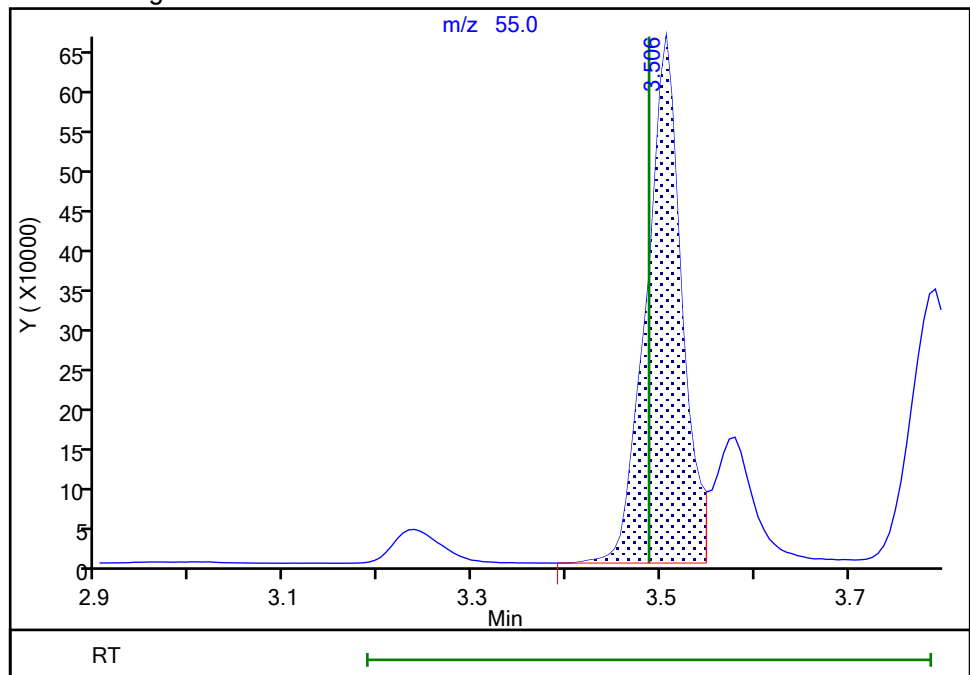
RT: 3.24
Area: 152205
Amount: 70.192707
Amount Units: ug/l

Processing Integration Results



RT: 3.51
Area: 1736927
Amount: 549.9807
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:36:08

Audit Action: Assigned Compound ID

Audit Reason: Wrong peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44010.D

Injection Date: 10-Sep-2021 09:23:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

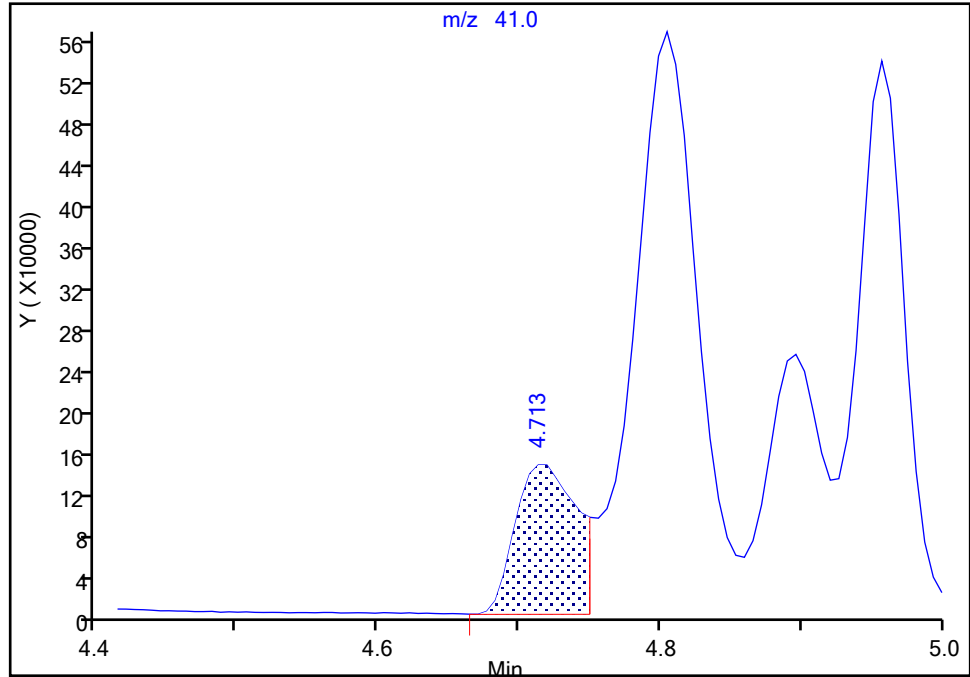
Detector: MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 2

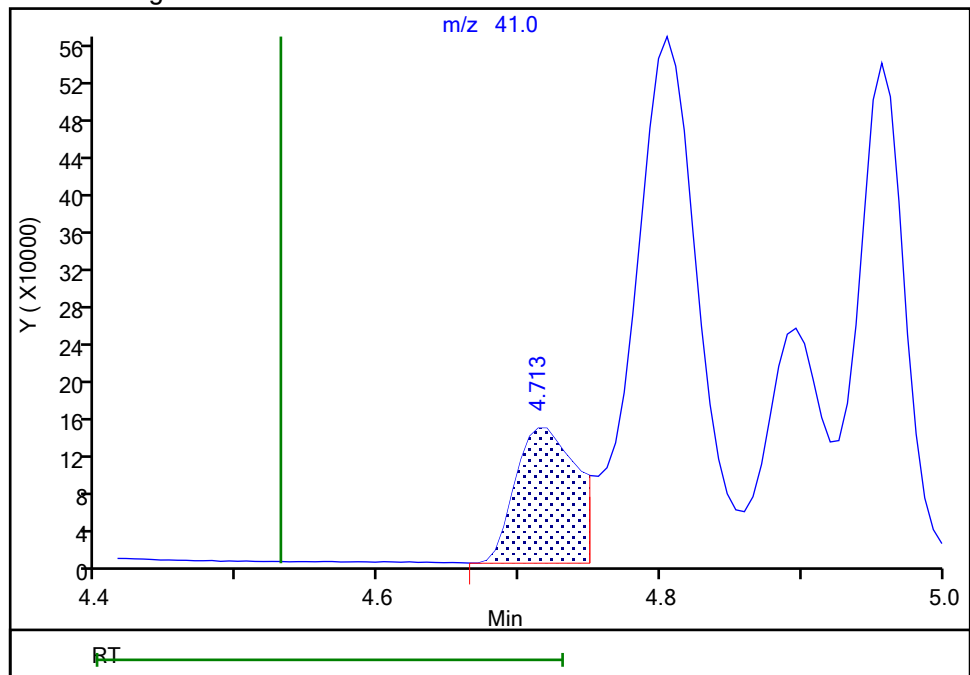
RT: 4.71
Area: 441961
Amount: 12500
Amount Units: ug/l

Processing Integration Results



RT: 4.71
Area: 441961
Amount: 18014
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:36:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44010.D

Injection Date: 10-Sep-2021 09:23:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

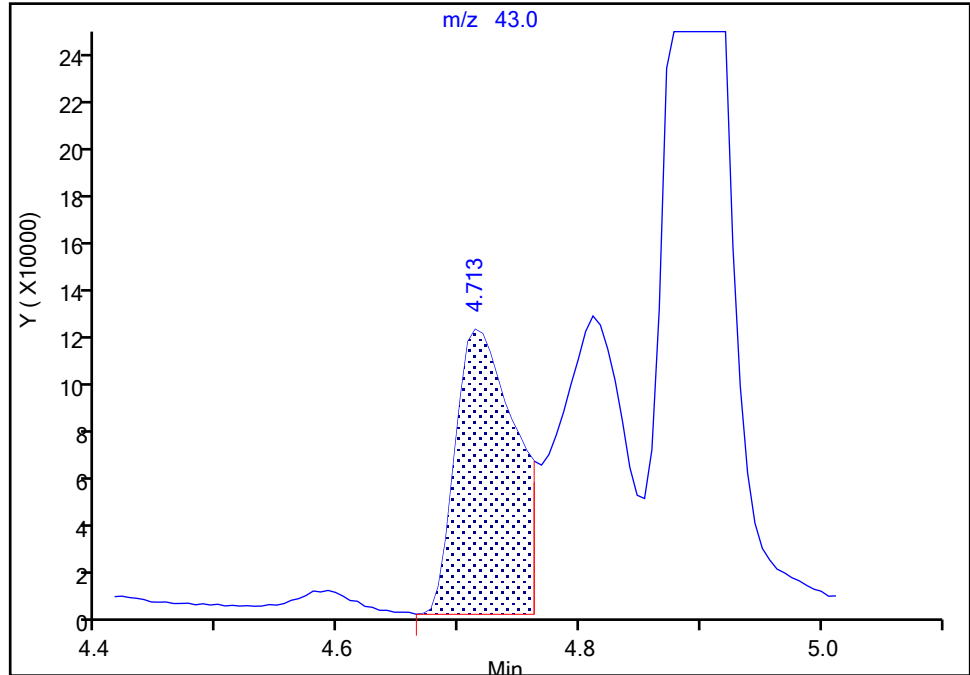
MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 3

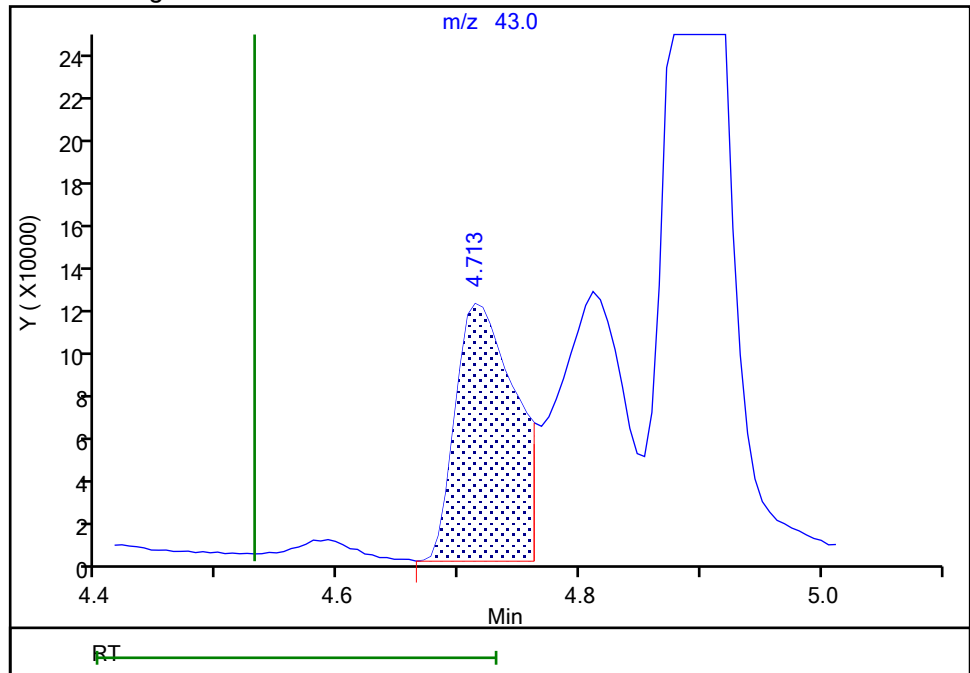
RT: 4.71
Area: 402987
Amount: 12500
Amount Units: ug/l

Processing Integration Results



RT: 4.71
Area: 402987
Amount: 18014
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:36:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44010.D

Injection Date: 10-Sep-2021 09:23:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

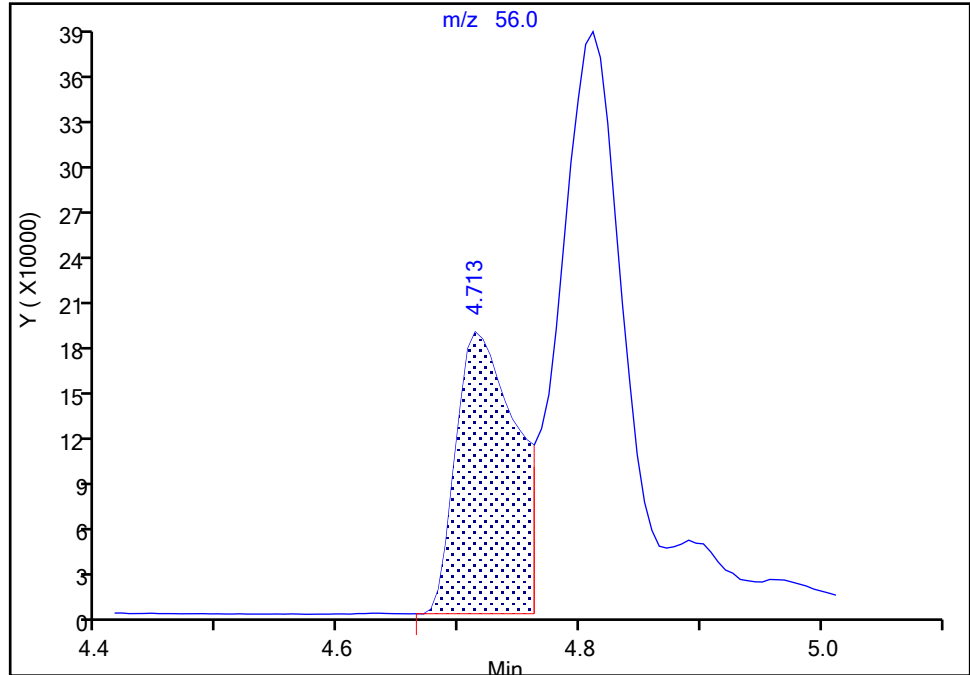
MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

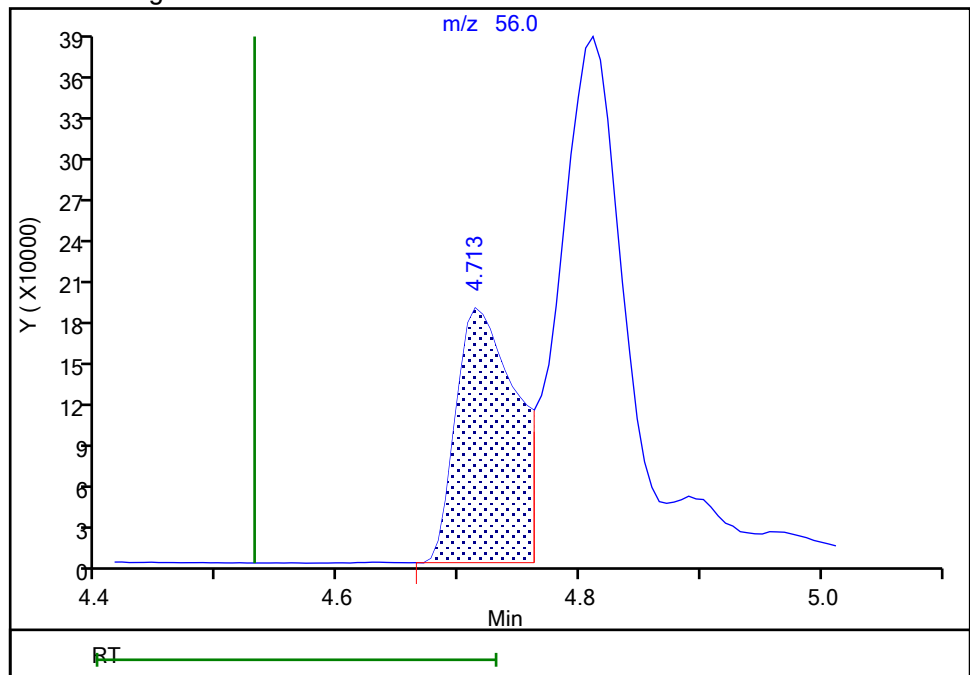
RT: 4.71
Area: 658403
Amount: 12500
Amount Units: ug/l

Processing Integration Results



RT: 4.71
Area: 658403
Amount: 18014
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:24:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 10-Sep-2021 12:08:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0134348-015
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 10-Sep-2021 19:42:10 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: desais

Date: 10-Sep-2021 12:27:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.214	1.208	0.006	62	1663	1.00	1.00	M
2 1,1-Difluoroethane	65	1.220	1.220	0.000	93	3440	1.00	1.09	
4 Dichlorodifluoromethane	85	1.226	1.232	-0.006	73	5343	1.00	0.9372	
5 Chlorodifluoromethane	67	1.251	1.244	0.007	98	1370	1.00	1.25	
6 Chloromethane	50	1.367	1.372	-0.006	97	6372	1.00	0.9673	M
8 Butadiene	54	1.421	1.427	-0.006	90	5422	1.00	1.13	
7 Vinyl chloride	62	1.427	1.433	-0.006	97	5244	1.00	0.9354	
9 Bromomethane	94	1.641	1.647	-0.006	97	3333	1.00	1.06	
10 Chloroethane	64	1.684	1.683	0.001	96	3628	1.00	1.46	
12 Trichlorofluoromethane	101	1.824	1.830	-0.006	45	6629	1.00	1.05	a
11 Dichlorofluoromethane	67	1.830	1.830	0.000	80	10098	1.00	1.04	
13 Pentane	72	1.830	1.830	0.000	98	1522	2.00	2.16	
15 Ethyl ether	74	1.970	1.982	-0.012	93	2609	1.00	0.9621	
14 Ethanol	46	1.982	1.988	-0.006	72	1362	40.0	56.3	M
16 2-Methyl-1,3-butadiene	53	1.988	1.994	-0.006	92	4540	1.00	1.08	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.031	2.037	-0.006	71	3857	1.00	1.00	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.074	2.080	-0.006	76	6881	1.00	1.04	a
19 Acrolein	56	2.122	2.116	0.006	27	3602	4.06	4.73	M
20 1,1,2,2-Tetrafluoroethane	101	2.141	2.141	0.000	50	3850	1.00	1.02	a
21 1,1-Dichloroethene	96	2.147	2.147	0.000	94	4067	1.00	1.03	
22 Acetone	43	2.220	2.220	0.000	86	9434	5.00	5.91	
23 Iodomethane	142	2.275	2.269	0.006	99	6617	1.00	0.9447	
24 Carbon disulfide	76	2.293	2.293	0.000	99	18337	1.00	1.10	
25 Isopropyl alcohol	45	2.305	2.323	-0.018	29	2110	10.0	8.50	M
26 3-Chloro-1-propene	76	2.391	2.390	0.001	88	3339	1.00	1.06	
27 Methyl acetate	43	2.403	2.409	-0.006	73	6104	2.00	1.91	
28 Cyclopentene	67	2.409	2.409	0.000	90	11365	1.00	1.07	
29 Acetonitrile	41	2.476	2.470	0.006	50	5679	10.0	9.17	M
30 Methylene Chloride	84	2.500	2.506	-0.006	97	5423	1.00	1.05	
* 31 TBA-d9 (IS)	66	2.525	2.531	-0.006	98	42117	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.561	2.586	-0.025	32	5330	10.0	10.7	a
33 Methyl tert-butyl ether	73	2.647	2.640	0.007	96	12350	1.00	1.00	M
34 trans-1,2-Dichloroethene	96	2.647	2.653	-0.006	98	4326	1.00	0.9817	
35 Acrylonitrile	53	2.714	2.720	-0.006	91	17481	10.0	9.88	
36 Hexane	57	2.775	2.781	-0.006	93	6558	1.00	1.12	
37 Isopropyl ether	45	2.964	2.970	-0.006	85	16877	1.00	1.01	
38 1,1-Dichloroethane	63	2.982	2.982	0.000	100	9195	1.00	1.01	
39 Vinyl acetate	86	3.013	3.000	0.013	100	1167	2.00	2.35	M
40 2-Chloro-1,3-butadiene	88	3.019	3.018	0.001	93	3572	1.00	0.9336	
41 Tert-butyl ethyl ether	59	3.232	3.238	-0.006	88	13716	1.00	1.06	
* 42 2-Butanone-d5	46	3.409	3.390	0.019	100	322853	250.0	250.0	
43 2,2-Dichloropropane	97	3.415	3.421	-0.006	46	1161	1.00	1.11	
44 cis-1,2-Dichloroethene	96	3.433	3.433	0.000	89	4480	1.00	0.9301	
45 2-Butanone (MEK)	72	3.458	3.439	0.019	44	2296	5.00	5.22	a
46 Ethyl acetate	70	3.451	3.445	0.006	46	619	2.00	1.75	
47 Methyl acrylate	55	3.482	3.488	-0.006	97	3179	1.00	0.9298	a
48 Propionitrile	54	3.586	3.585	0.001	30	3677	10.0	6.19	Ma
49 Chlorobromomethane	128	3.622	3.628	-0.006	95	2160	1.00	0.9258	
51 Methacrylonitrile	67	3.665	3.634	0.031	96	12703	10.0	8.05	
50 Tetrahydrofuran	72	3.653	3.634	0.019	30	1347	2.00	2.31	a
52 Chloroform	83	3.671	3.677	-0.006	98	7889	1.00	1.04	
53 Cyclohexane	84	3.781	3.787	-0.006	92	6073	1.00	1.06	
54 1,1,1-Trichloroethane	97	3.793	3.805	-0.012	95	5792	1.00	1.07	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.817	0.000	96	147101	50.0	52.7	
56 Carbon tetrachloride	117	3.903	3.908	-0.005	97	4024	1.00	1.06	
57 1,1-Dichloropropene	75	3.921	3.933	-0.012	94	5814	1.00	1.00	
58 Isobutyl alcohol	43	4.085	4.085	0.000	35	3249	25.0	19.9	a
59 Isooctane	57	4.079	4.091	-0.012	99	15588	1.00	1.06	
60 Benzene	78	4.098	4.104	-0.006	98	16276	1.00	1.07	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	95	174745	50.0	50.3	
62 Tert-amyl methyl ether	73	4.183	4.177	0.006	91	12331	1.00	0.9690	
64 1,2-Dichloroethane	62	4.189	4.183	0.006	92	6158	1.00	1.07	
63 Isopropyl acetate	61	4.183	4.189	-0.006	74	1750	1.00	0.8746	
65 n-Heptane	100	4.268	4.262	0.006	90	1045	1.00	1.15	a
* 66 Fluorobenzene	96	4.366	4.366	0.000	99	500278	50.0	50.0	
68 Trichloroethene	95	4.689	4.689	0.000	95	3781	1.00	0.9223	
69 Methylcyclohexane	83	4.799	4.799	0.000	92	6681	1.00	1.02	
70 Ethyl acrylate	99	4.811	4.823	-0.012	83	124	1.00	1.01	
71 1,2-Dichloropropane	63	4.951	4.951	0.000	89	4287	1.00	0.9485	
73 Methyl methacrylate	100	5.073	5.049	0.025	91	1016	2.00	1.24	M
* 72 1,4-Dioxane-d8	96	5.067	5.061	0.006	86	18764	1000.0	1000.0	
74 Dibromomethane	93	5.067	5.067	0.000	94	2313	1.00	0.9249	
75 1,4-Dioxane	88	5.104	5.097	0.007	1	1294	50.0	46.1	a
76 n-Propyl acetate	43	5.128	5.116	0.012	50	2104	1.00	0.3719	M
77 Dichlorobromomethane	83	5.219	5.219	0.000	97	4309	1.00	0.9009	
78 2-Nitropropane	41	5.555	5.542	0.013	80	1206	2.00	1.88	
79 2-Chloroethyl vinyl ether	63	5.561	5.555	0.007	77	1654	1.00	0.7383	
80 Epichlorohydrin	57	5.701	5.652	0.049	43	2772	20.0	7.87	M
81 cis-1,3-Dichloropropene	75	5.689	5.689	0.000	96	4941	1.00	0.9486	
82 4-Methyl-2-pentanone (MIBK)	58	5.914	5.872	0.042	95	9234	5.00	5.63	a
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	454170	50.0	52.3	
84 Toluene	91	5.988	5.987	0.001	92	15329	1.00	1.07	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.335	6.335	0.000	96	3792	1.00	0.99	
86 Ethyl methacrylate	69	6.402	6.396	0.006	92	2291	1.00	0.5735	
87 1,1,2-Trichloroethane	83	6.536	6.536	0.000	94	2707	1.00	1.00	
88 Tetrachloroethene	166	6.561	6.560	0.001	92	3276	1.00	0.99	
89 1,3-Dichloropropane	76	6.731	6.731	0.000	97	5002	1.00	0.9311	
90 2-Hexanone	43	6.890	6.829	0.061	47	3419	5.00	1.24	Ma
92 Chlorodibromomethane	129	6.945	6.944	0.001	96	2356	1.00	0.9222	
91 n-Butyl acetate	43	6.981	6.957	0.024	34	4831	1.00	0.9054	M
93 Ethylene Dibromide	107	7.085	7.079	0.006	95	2722	1.00	1.05	
* 94 Chlorobenzene-d5	117	7.609	7.615	-0.006	90	325535	50.0	50.0	
95 Chlorobenzene	112	7.646	7.646	0.000	96	9194	1.00	1.01	
96 Ethylbenzene	106	7.762	7.767	-0.005	99	4745	1.00	0.9748	
97 1,1,1,2-Tetrachloroethane	131	7.774	7.780	-0.006	87	2568	1.00	0.9746	
98 m-Xylene & p-Xylene	106	7.920	7.920	0.000	98	5524	1.00	0.9493	
99 o-Xylene	106	8.426	8.426	0.000	92	5403	1.00	0.8943	
100 n-Butyl acrylate	73	8.493	8.469	0.024	33	1585	1.00	0.6877	Ma
101 Styrene	104	8.469	8.469	0.000	93	7463	1.00	0.8185	
102 Bromoform	173	8.713	8.712	0.001	89	1260	1.00	0.8117	
103 Amyl acetate (mixed isomers)	43	8.804	8.779	0.025	51	1687	1.00	0.2406	M
104 Isopropylbenzene	105	8.902	8.901	0.001	96	13999	1.00	0.8745	
\$ 105 4-Bromofluorobenzene	174	9.152	9.151	0.001	0	124592	50.0	50.2	
106 Bromobenzene	156	9.304	9.304	0.000	94	3688	1.00	0.9182	
107 1,1,2,2-Tetrachloroethane	83	9.414	9.407	0.007	98	4609	1.00	0.9551	
108 N-Propylbenzene	91	9.432	9.426	0.006	98	17972	1.00	0.8807	
109 1,2,3-Trichloropropane	110	9.450	9.450	0.000	96	1109	1.00	0.9029	
110 trans-1,4-Dichloro-2-butene	53	9.493	9.493	0.000	47	913	1.00	0.8156	
111 2-Chlorotoluene	91	9.536	9.535	0.001	96	11908	1.00	0.8971	
112 4-Ethyltoluene	105	9.572	9.572	0.000	97	14449	1.00	0.9106	
113 1,3,5-Trimethylbenzene	105	9.658	9.657	0.001	91	11533	1.00	0.8308	
114 4-Chlorotoluene	91	9.676	9.676	0.000	99	13256	1.00	0.9806	
115 Butyl Methacrylate	87	9.828	9.822	0.006	95	2356	1.00	0.5787	M
116 tert-Butylbenzene	119	9.993	9.993	0.000	91	8635	1.00	0.7822	
117 1,2,4-Trimethylbenzene	105	10.060	10.060	0.000	98	12303	1.00	0.8606	
118 sec-Butylbenzene	105	10.225	10.224	0.001	98	14920	1.00	0.8232	
119 1,3-Dichlorobenzene	146	10.353	10.352	0.001	92	7396	1.00	0.9618	
120 4-Isopropyltoluene	119	10.383	10.383	0.000	97	12681	1.00	0.8591	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	180819	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.450	10.450	0.000	93	8410	1.00	1.09	
123 1,2,3-Trimethylbenzene	105	10.487	10.486	0.001	99	13222	1.00	0.8765	
124 Benzyl chloride	91	10.609	10.608	0.001	96	4108	1.00	0.7969	
125 2,3-Dihydroindene	117	10.663	10.663	0.000	92	12019	1.00	0.8730	
126 p-Diethylbenzene	119	10.755	10.755	0.000	90	6940	1.00	0.8838	
127 n-Butylbenzene	92	10.773	10.773	0.000	97	7595	1.00	0.8956	
128 1,2-Dichlorobenzene	146	10.804	10.803	0.001	90	7188	1.00	0.9695	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	97	11329	1.00	0.7860	
130 1,2-Dibromo-3-Chloropropane	157	11.523	11.523	0.000	82	490	1.00	0.6144	
131 1,3,5-Trichlorobenzene	180	11.645	11.645	0.000	95	6932	1.00	1.08	
132 1,2,4-Trichlorobenzene	180	12.157	12.157	0.000	95	6427	1.00	1.04	
133 Hexachlorobutadiene	225	12.255	12.254	0.001	92	2846	1.00	1.07	
134 Naphthalene	128	12.346	12.346	0.000	98	13342	1.00	0.9129	
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	95	6536	1.00	1.11	
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.91	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		2.00	1.84	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.94	
S 140 Total BTEX	1				0		5.00	4.96	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00130	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00143	Amount Added: 10.00	Units: uL	
GASES Li_00437	Amount Added: 10.00	Units: uL	
524freon_00042	Amount Added: 10.00	Units: uL	
14DIOXINTER_00133	Amount Added: 30.00	Units: uL	
VOA6IS/SURR_00048	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

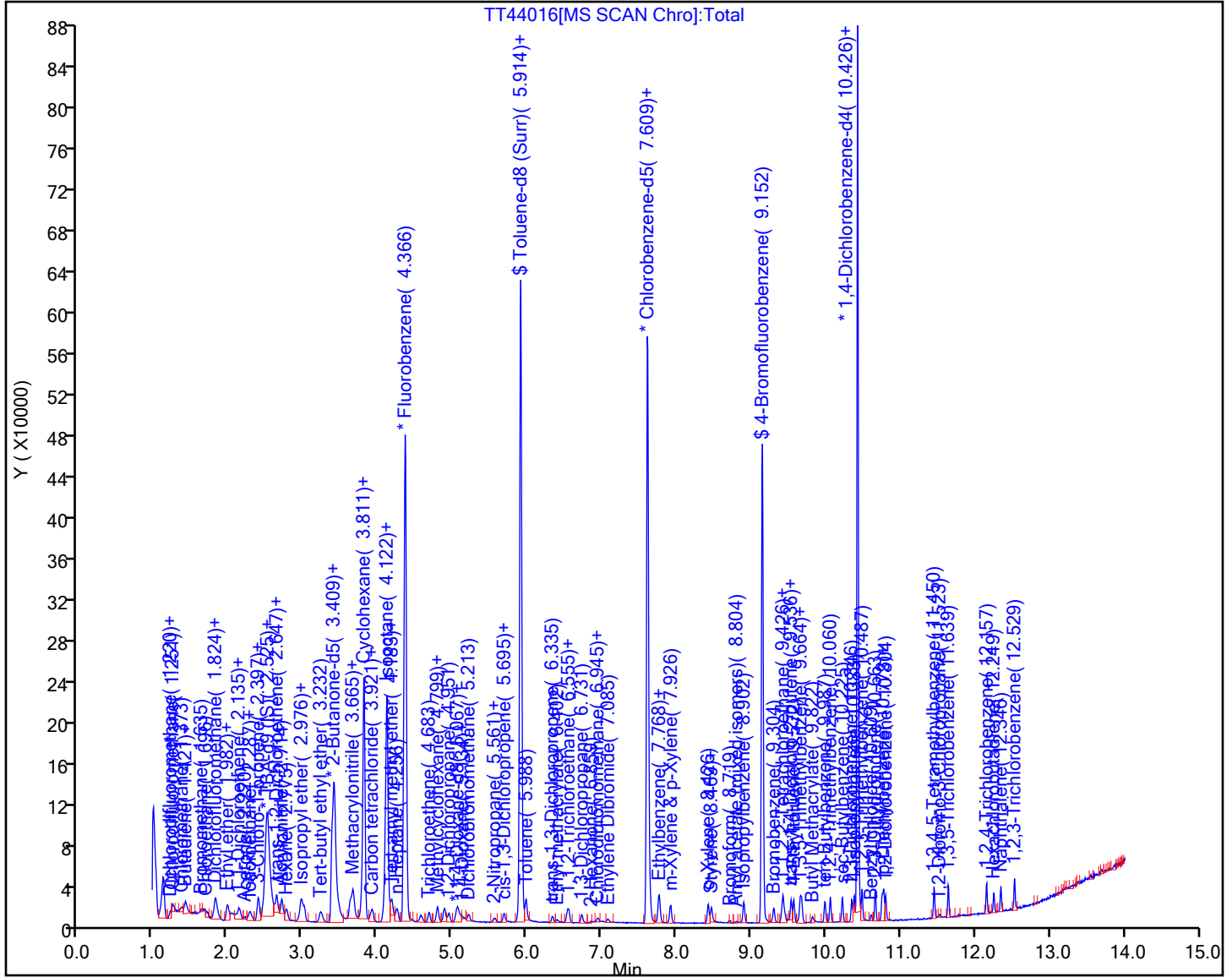
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

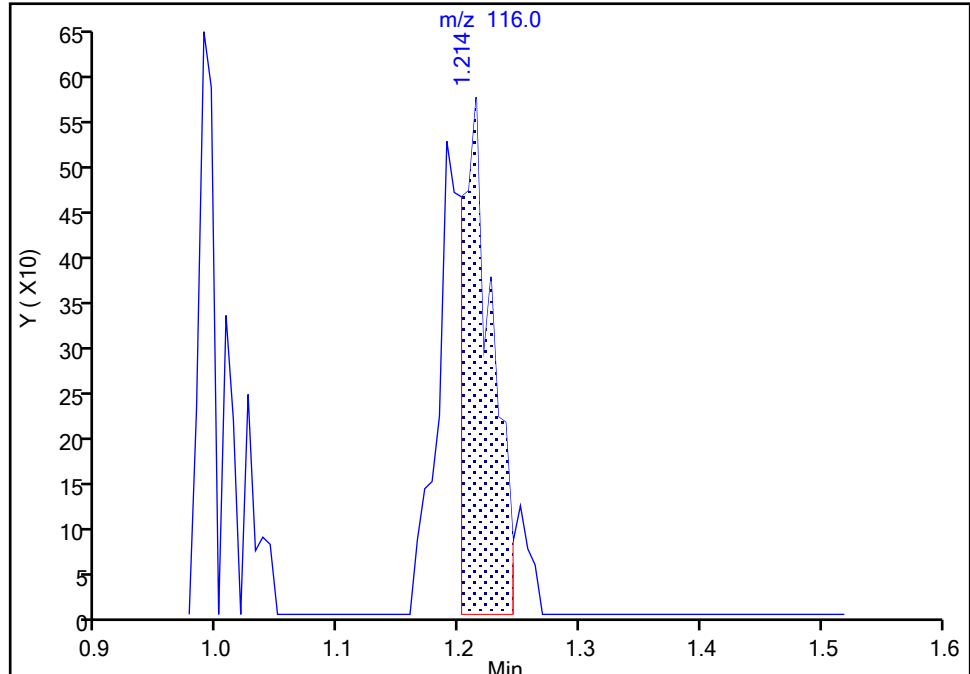
MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

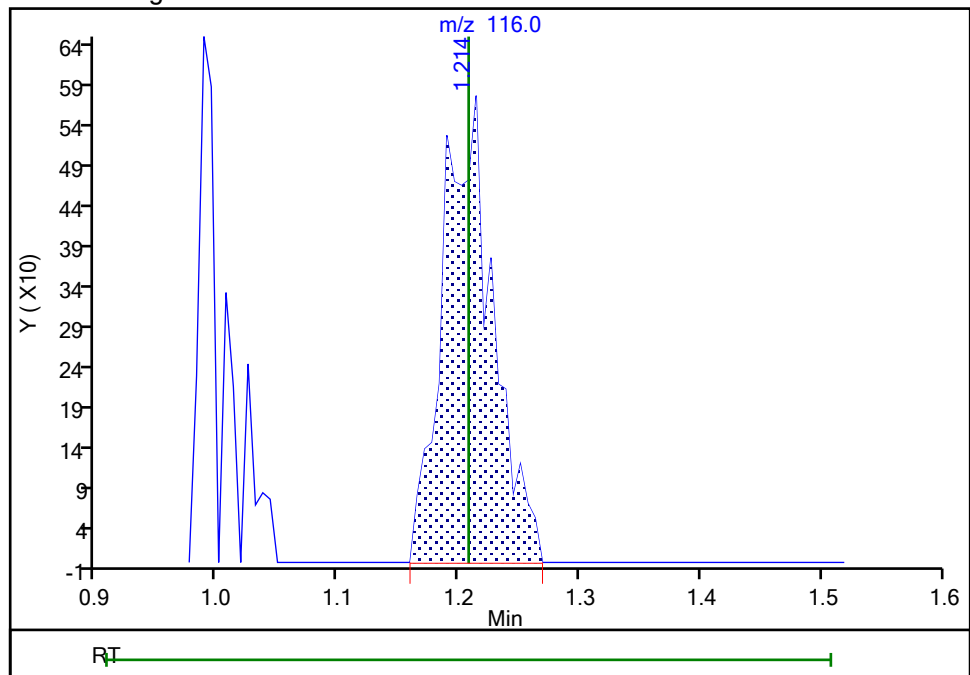
RT: 1.21
Area: 984
Amount: 0.725518
Amount Units: ug/l

Processing Integration Results



RT: 1.21
Area: 1663
Amount: 1.000185
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:37:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
Injection Date: 10-Sep-2021 12:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_17
Column: DB-624 (0.18 mm)

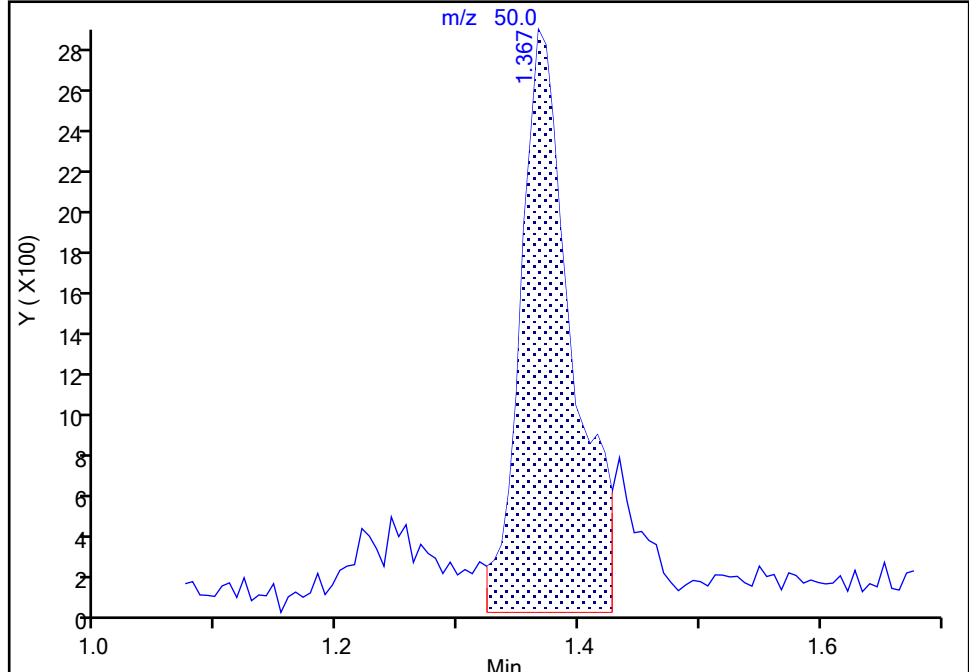
ALS Bottle#: 14 Worklist Smp#: 15
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

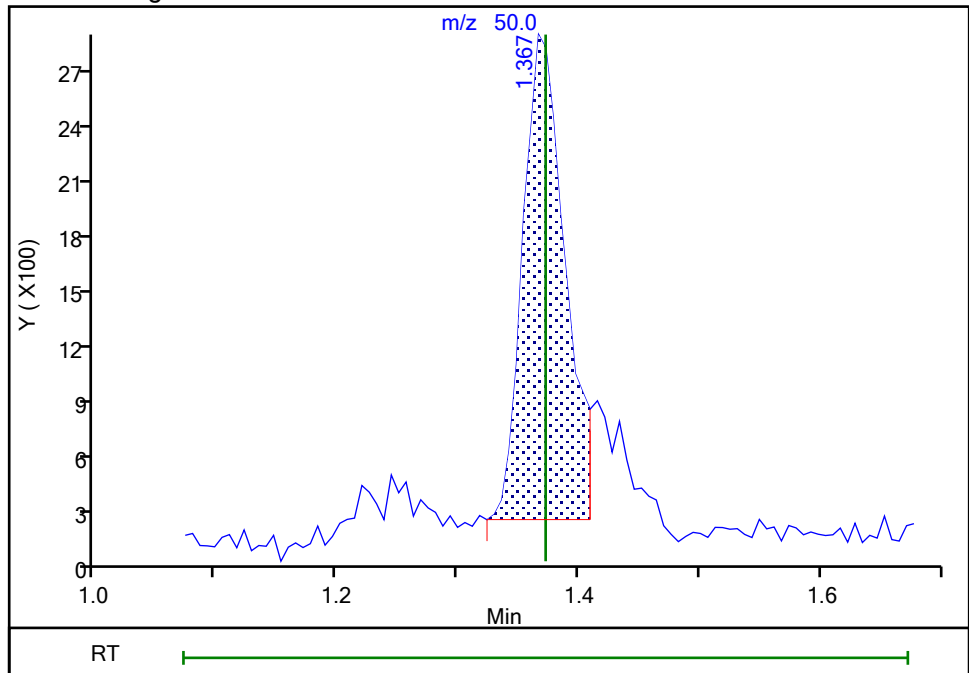
RT: 1.37
Area: 8425
Amount: 1.215842
Amount Units: ug/l

Processing Integration Results



RT: 1.37
Area: 6372
Amount: 0.967332
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:37:56
Audit Action: Manually Integrated

Audit Reason: Baseline
Page 393 of 640

09/20/2021

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

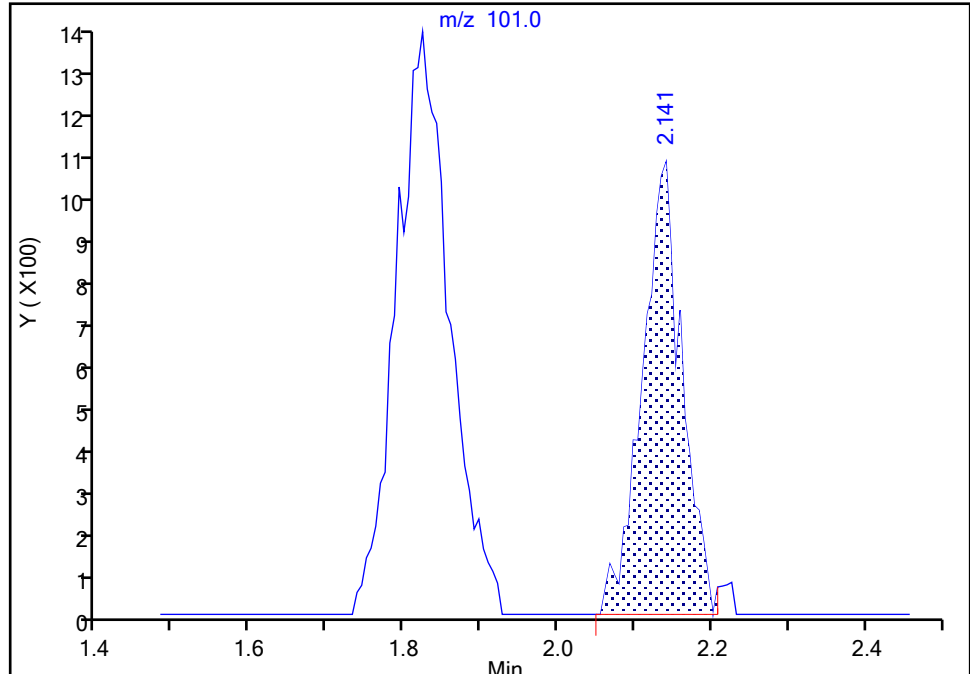
MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

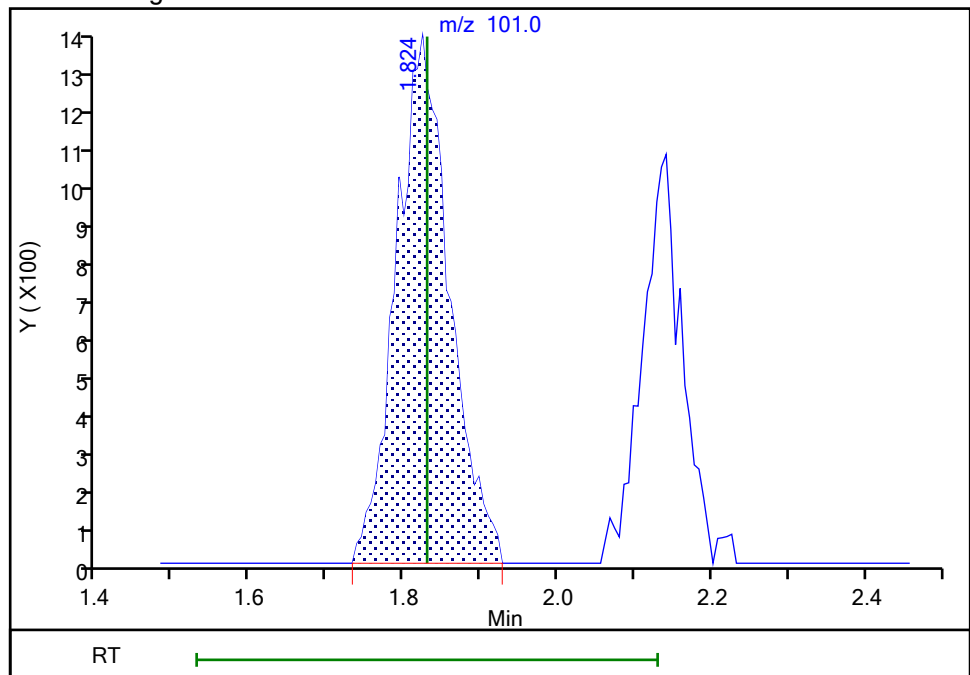
RT: 2.14
Area: 3850
Amount: 0.656755
Amount Units: ug/l

Processing Integration Results



RT: 1.82
Area: 6629
Amount: 1.052809
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:38:07

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
Injection Date: 10-Sep-2021 12:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_17
Column: DB-624 (0.18 mm)

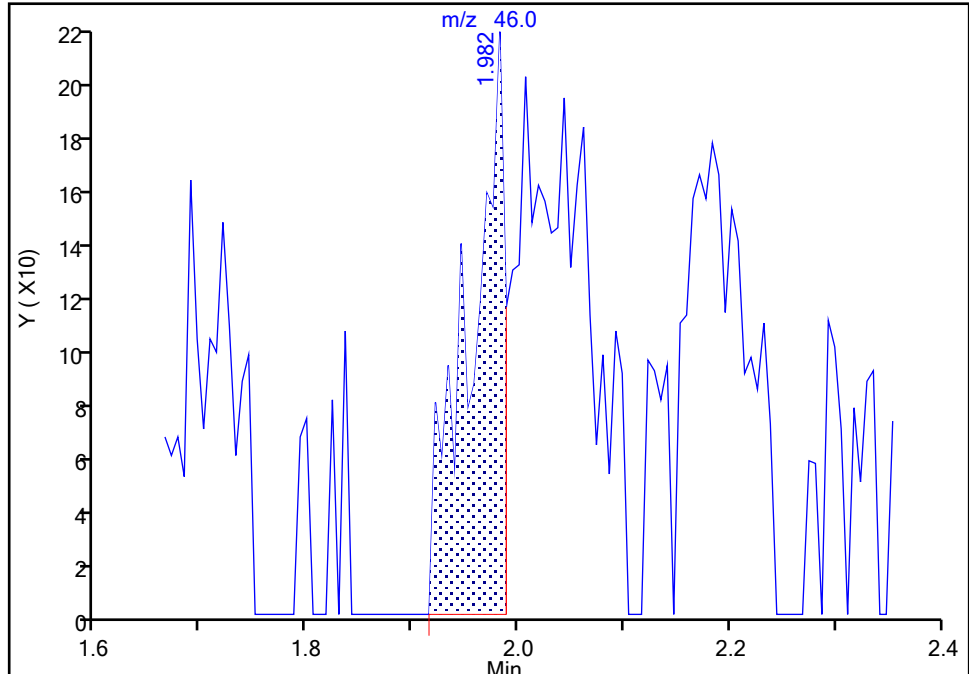
ALS Bottle#: 14 Worklist Smp#: 15
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector: MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

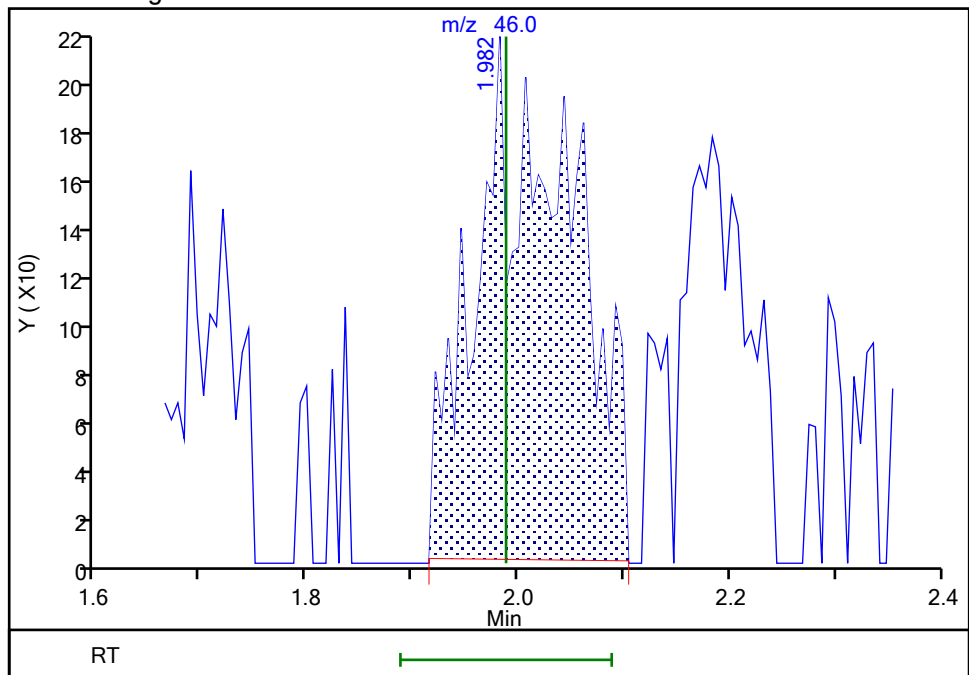
RT: 1.98
Area: 495
Amount: 20.436699
Amount Units: ug/l

Processing Integration Results



RT: 1.98
Area: 1362
Amount: 56.250525
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:38:17
Audit Action: Manually Integrated

Audit Reason: Baseline
Page 395 of 640

09/20/2021

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

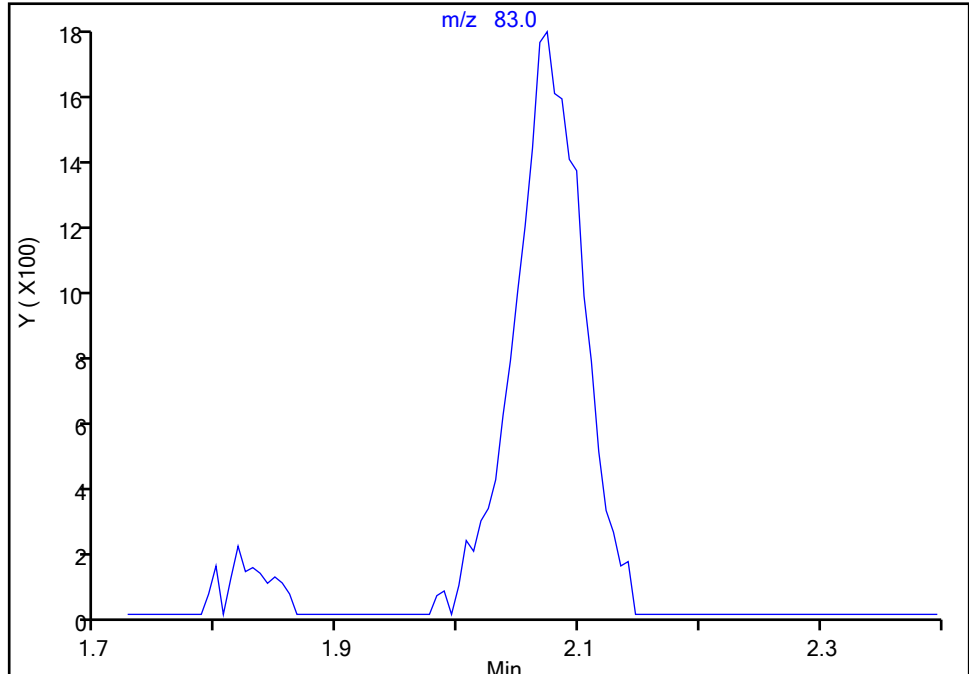
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

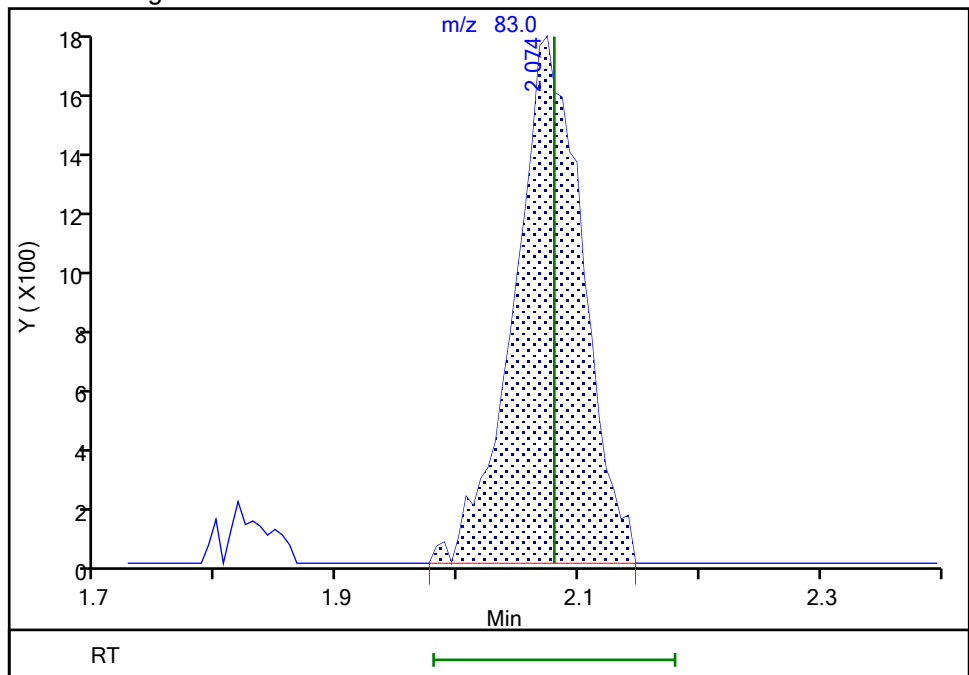
Not Detected

Expected RT: 2.08

Processing Integration Results



Manual Integration Results



RT: 2.07

Area: 6881

Amount: 1.041258

Amount Units: ug/l

Reviewer: baronm, 10-Sep-2021 18:38:25

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

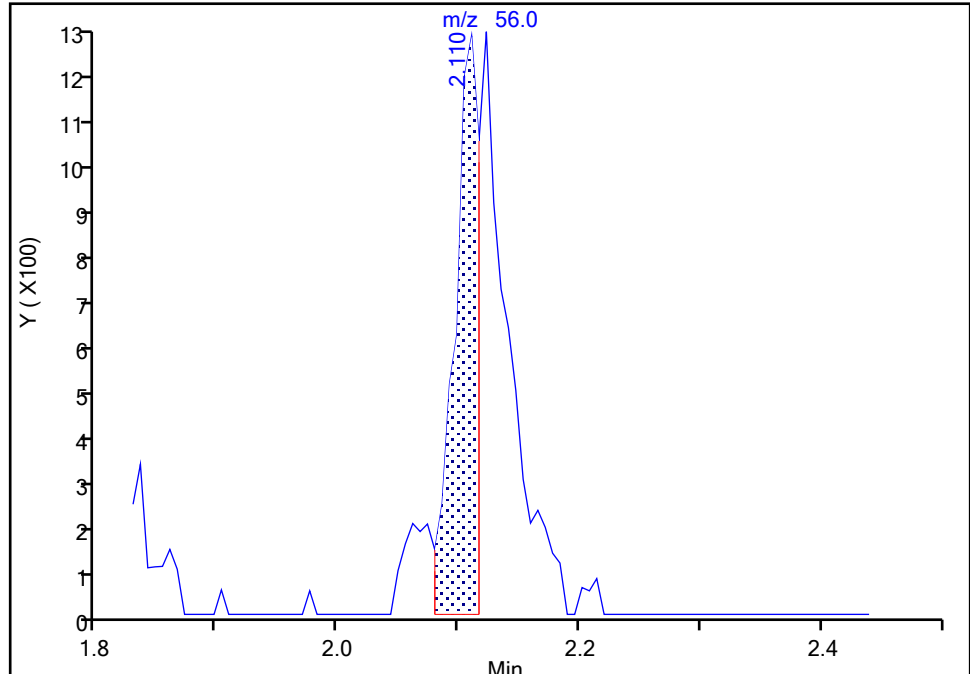
MS Quad

19 Acrolein, CAS: 107-02-8

Signal: 1

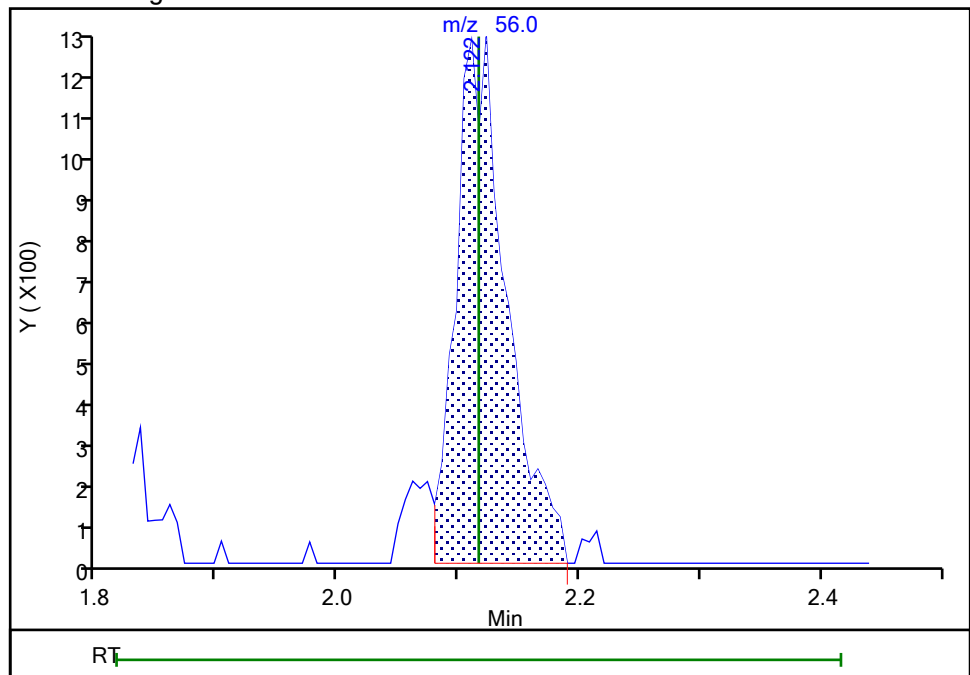
RT: 2.11
Area: 1768
Amount: 2.305813
Amount Units: ug/l

Processing Integration Results



RT: 2.12
Area: 3602
Amount: 4.731995
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:38:34

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

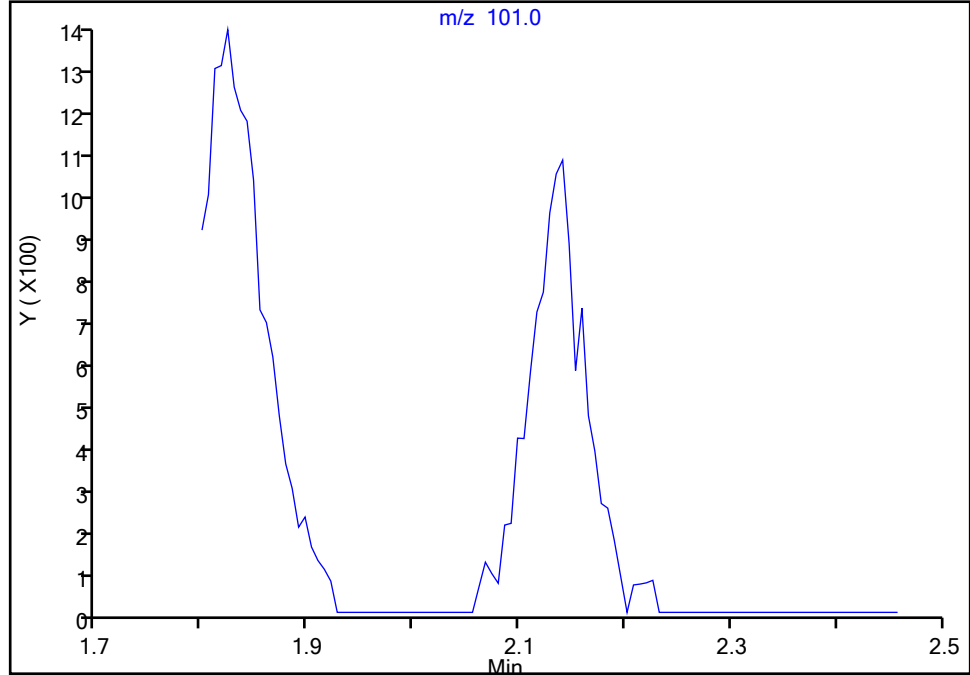
20 112TCTFE, CAS: 76-13-1

Signal: 1

Not Detected

Expected RT: 2.14

Processing Integration Results



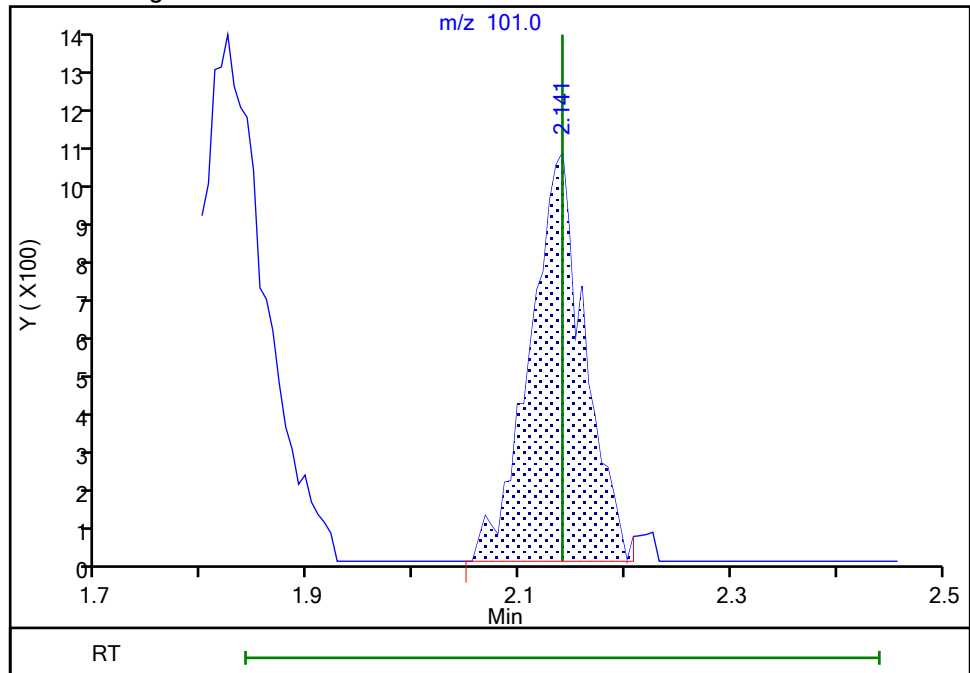
RT: 2.14

Area: 3850

Amount: 1.023305

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:38:40

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

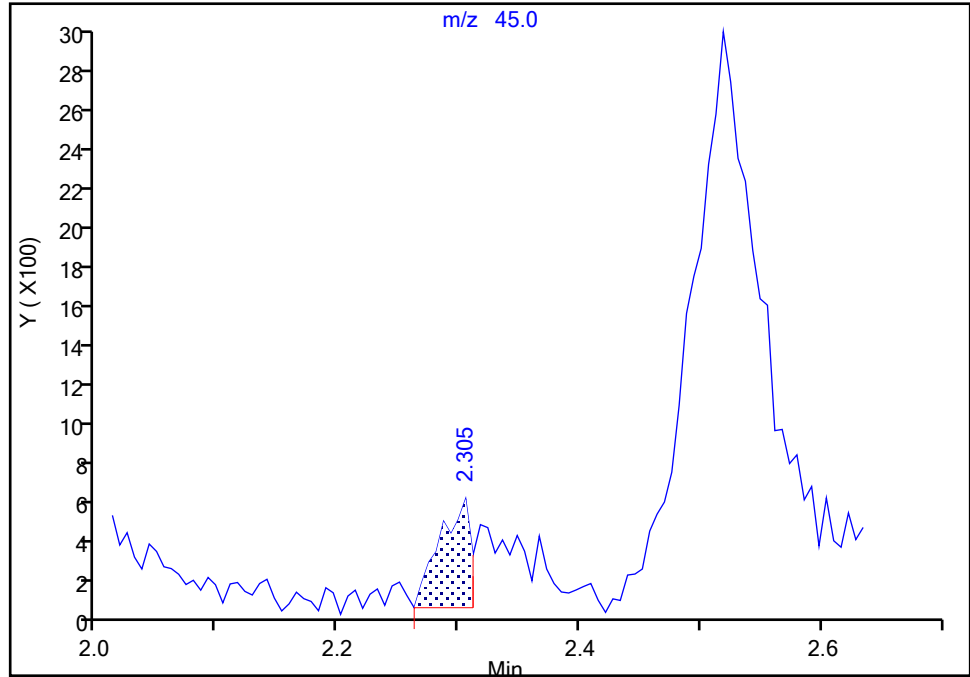
Detector: MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

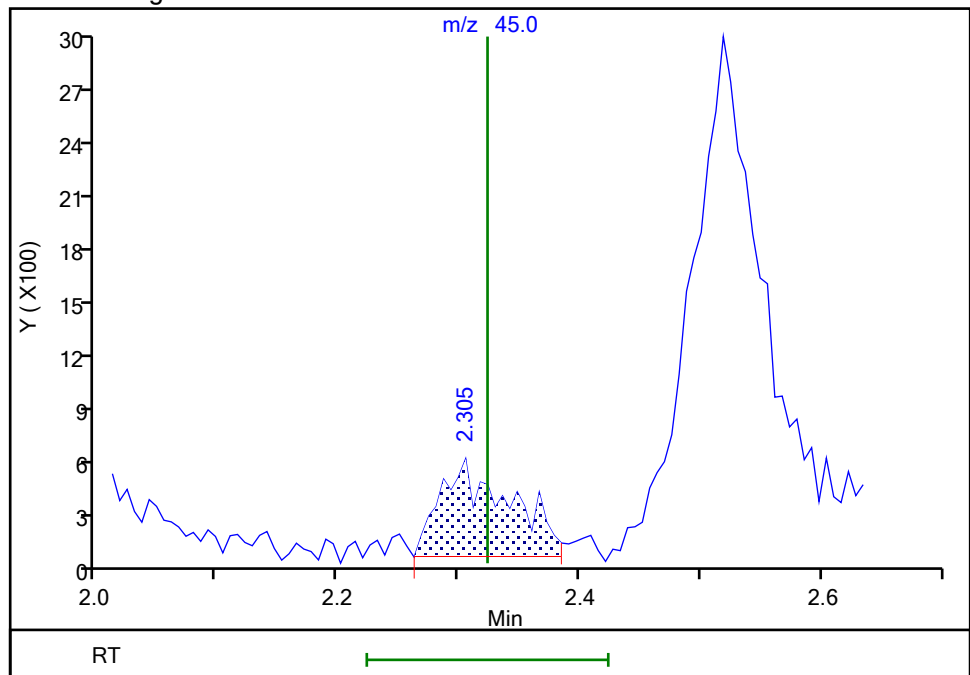
RT: 2.31
Area: 972
Amount: 4.159943
Amount Units: ug/l

Processing Integration Results



RT: 2.31
Area: 2110
Amount: 8.502895
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:38:54

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
Injection Date: 10-Sep-2021 12:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_17
Column: DB-624 (0.18 mm)

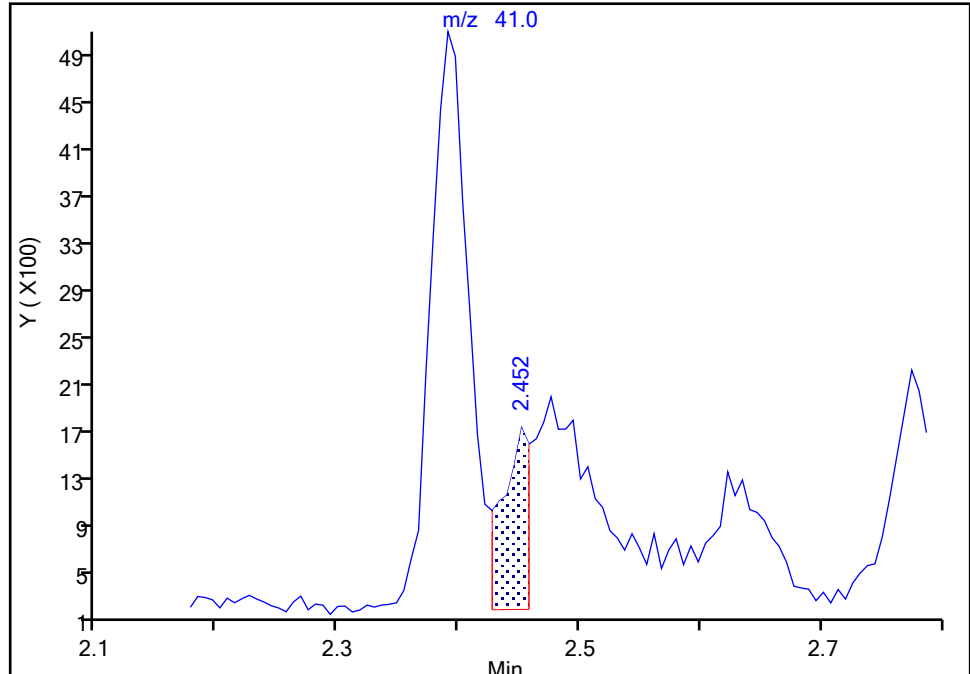
ALS Bottle#: 14 Worklist Smp#: 15
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector: MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 2

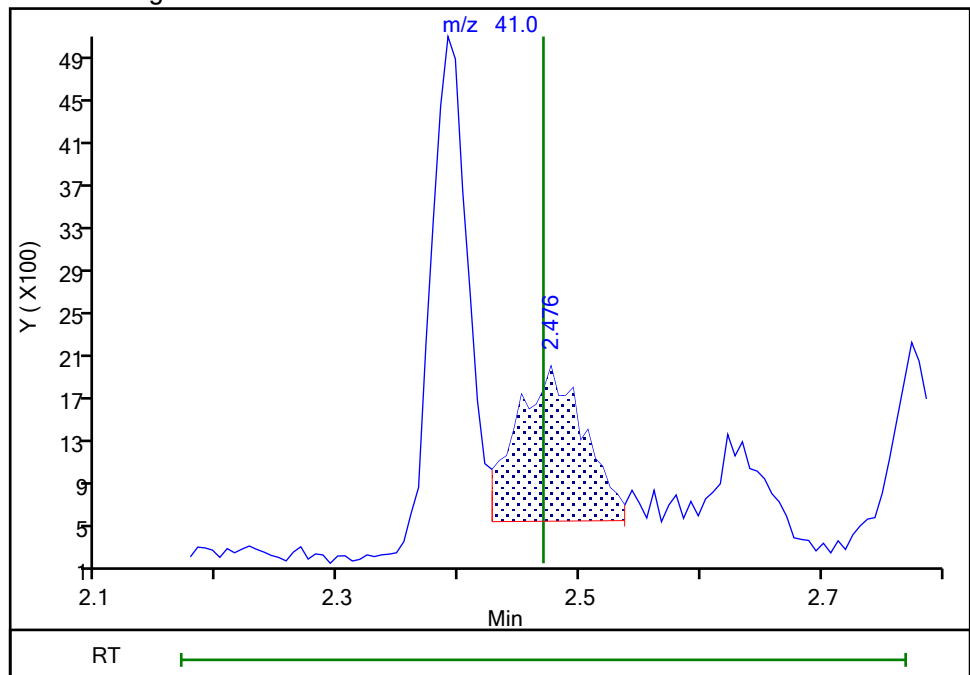
RT: 2.45
Area: 2513
Amount: 3.858601
Amount Units: ug/l

Processing Integration Results



RT: 2.48
Area: 5679
Amount: 9.169985
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:04:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
Page 400 of 640

09/20/2021

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

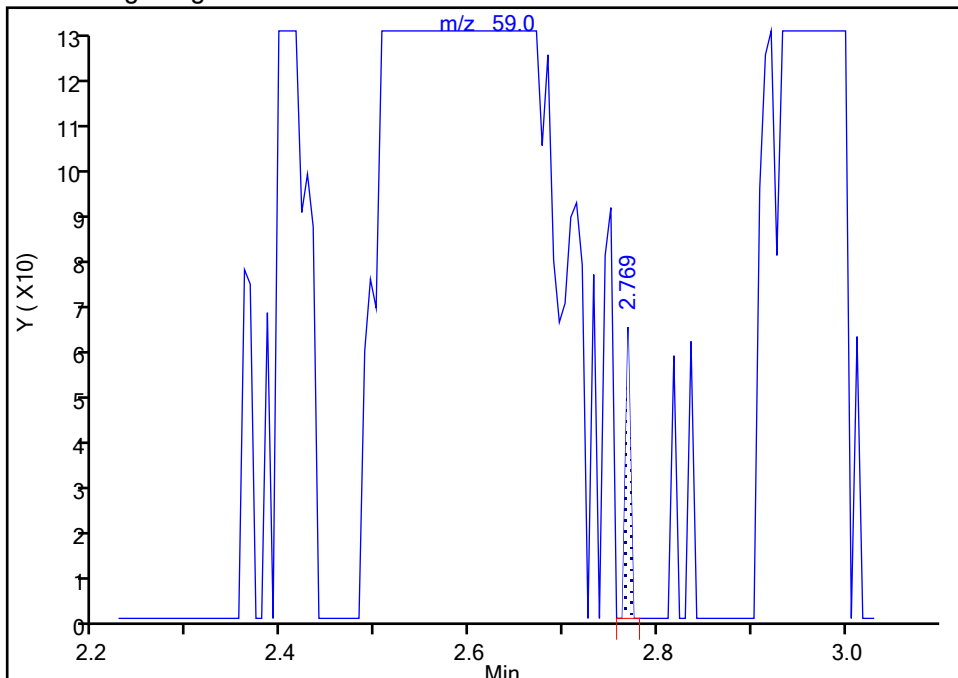
MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

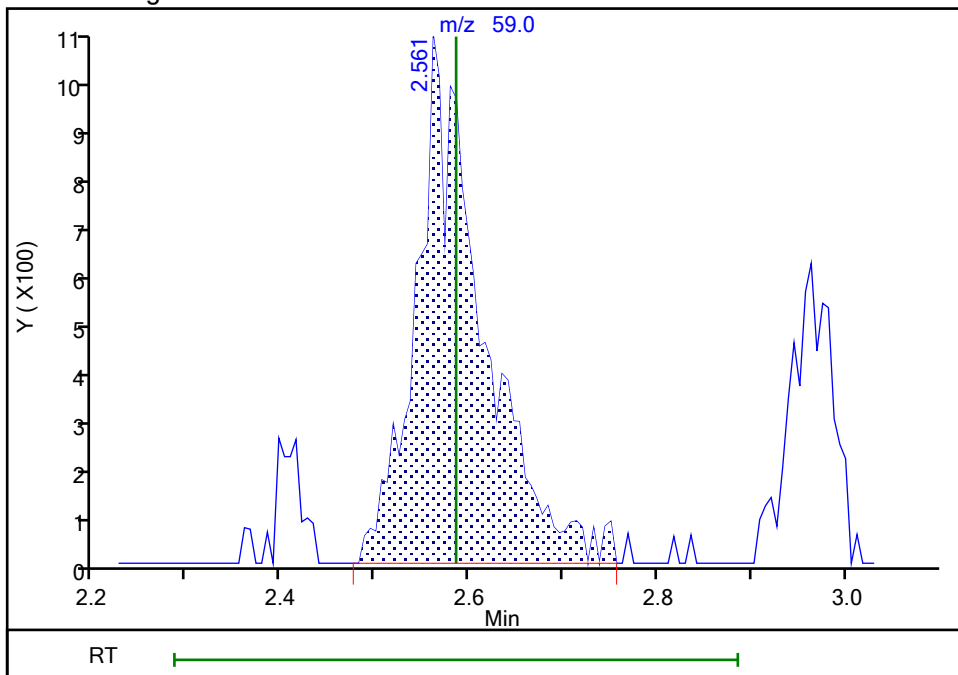
RT: 2.77
Area: 22
Amount: 0.052533
Amount Units: ug/l

Processing Integration Results



RT: 2.56
Area: 5330
Amount: 10.749956
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:39:25

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

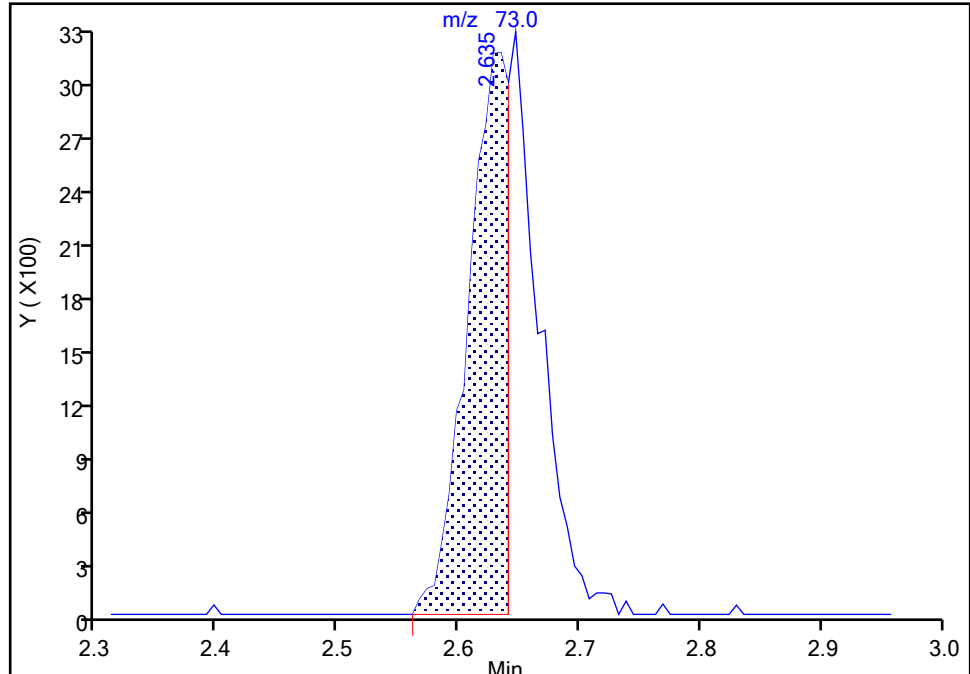
MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

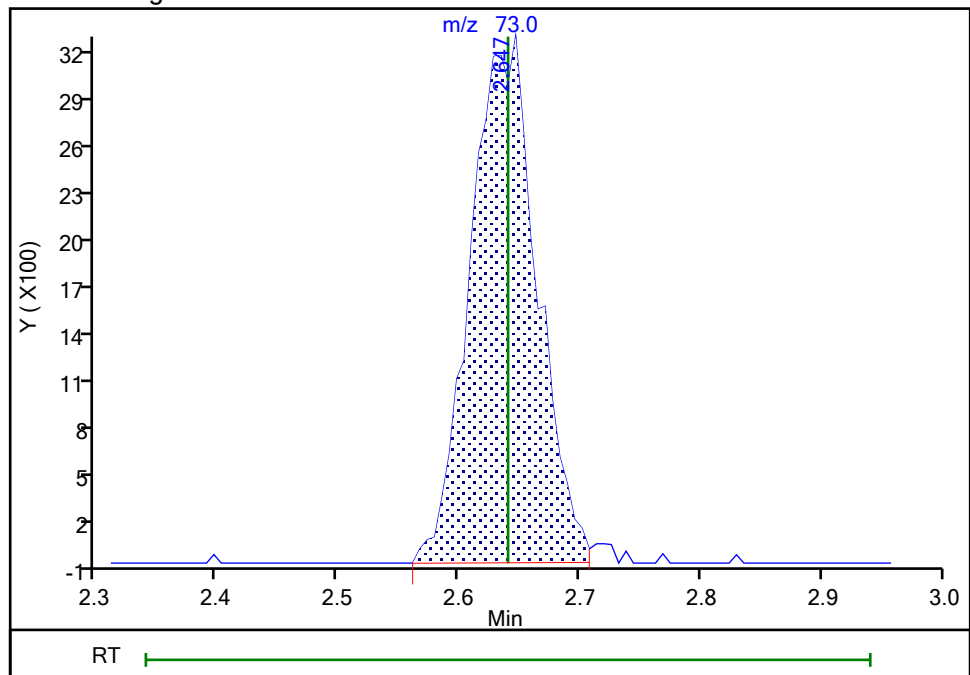
RT: 2.63
Area: 7356
Amount: 0.649394
Amount Units: ug/l

Processing Integration Results



RT: 2.65
Area: 12350
Amount: 1.004516
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:39:34

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

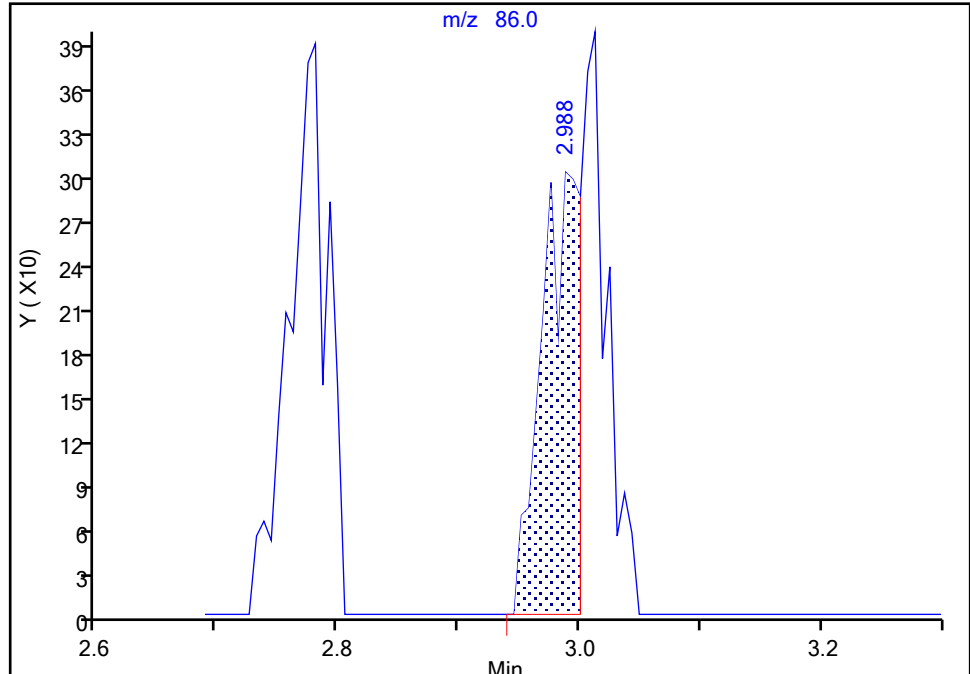
MS Quad

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

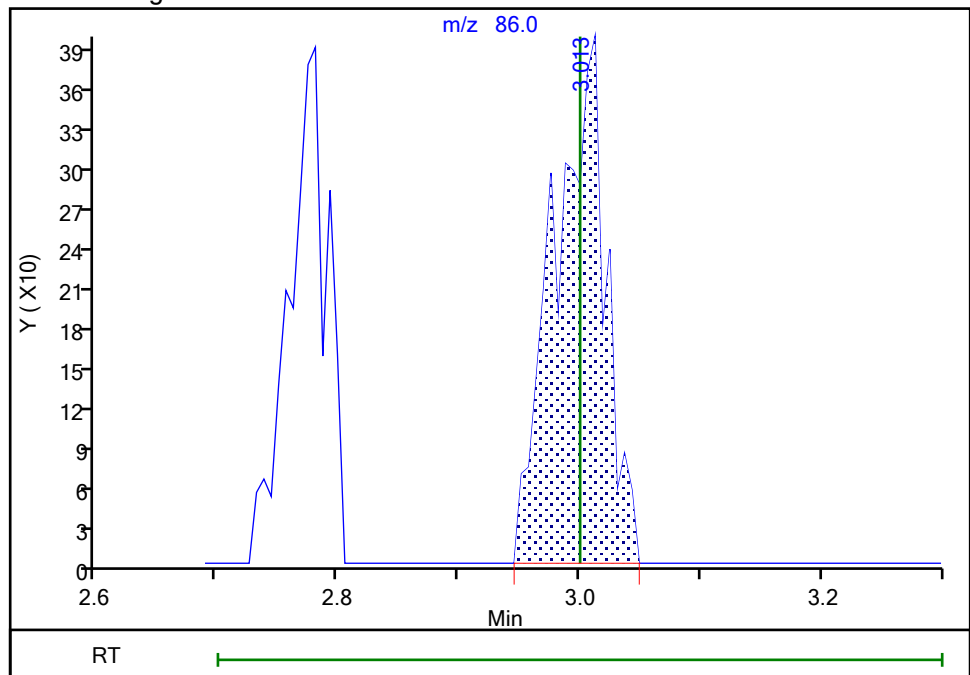
RT: 2.99
Area: 669
Amount: 1.470534
Amount Units: ug/l

Processing Integration Results



RT: 3.01
Area: 1167
Amount: 2.350753
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:39:48

Audit Action: Manually Integrated

Audit Reason: Baseline

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D		
Injection Date:	10-Sep-2021 12:08:30	Instrument ID:	CVOAMS17
Lims ID:	STD1		
Client ID:			
Operator ID:		ALS Bottle#:	14 Work
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Wa
Column:	DB-624 (0.18 mm)	Detector	MS Quad

ALS Bottle#: 14 Worklist Smp#: 15
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector: MS Quad

Signal: 1

Not Detected
Expected RT: 3.44

RT: 3.46
Area: 2296
Amount: 5.216669
Amount Units: ug/l

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

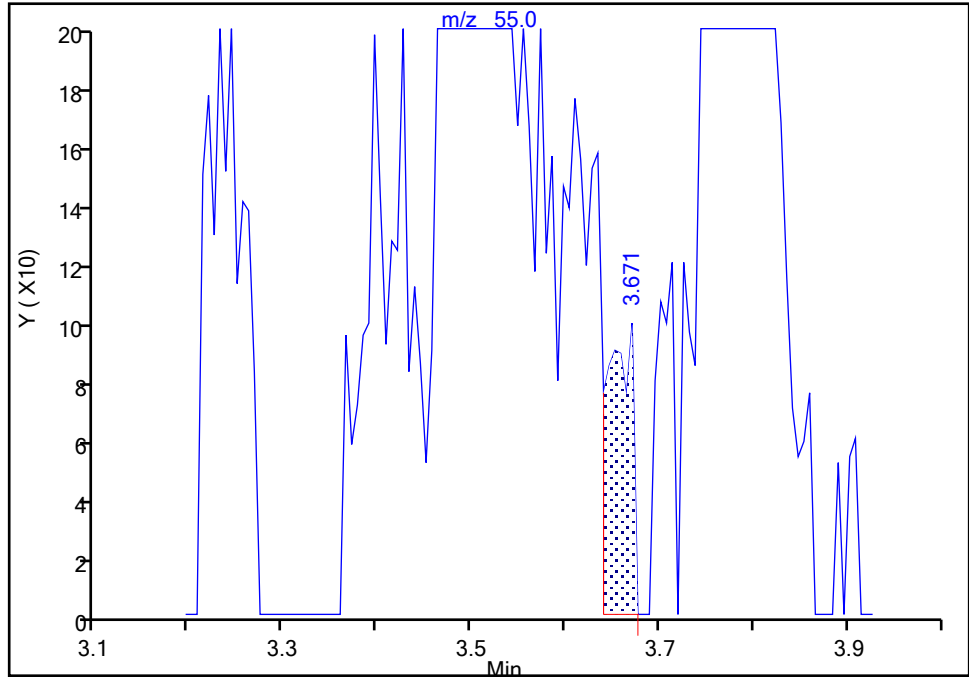
MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

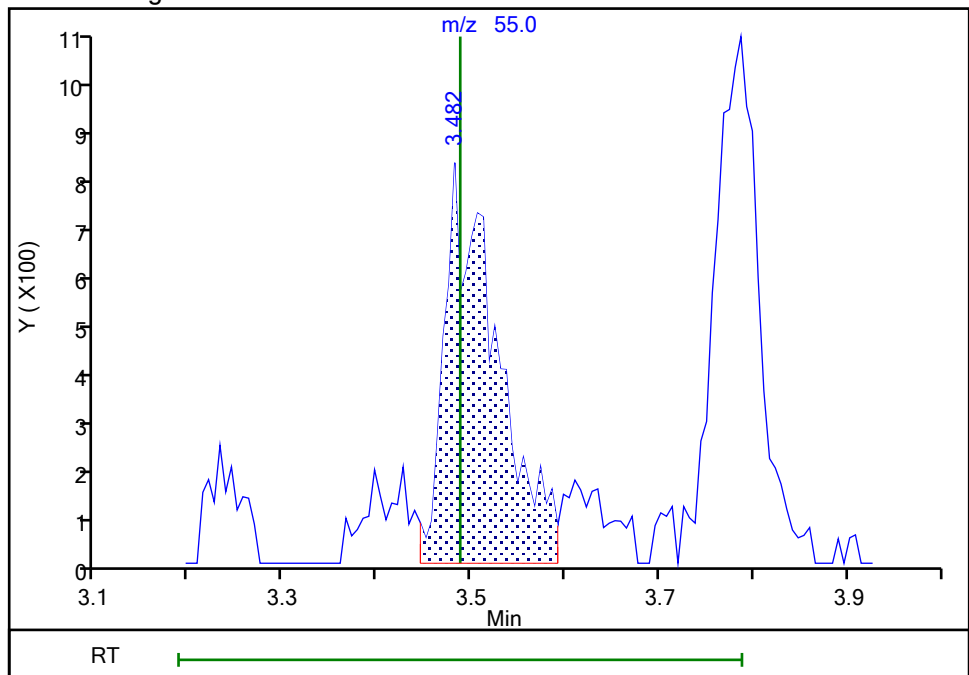
RT: 3.67
Area: 181
Amount: 0.051793
Amount Units: ug/l

Processing Integration Results



RT: 3.48
Area: 3179
Amount: 0.929774
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:40:04

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

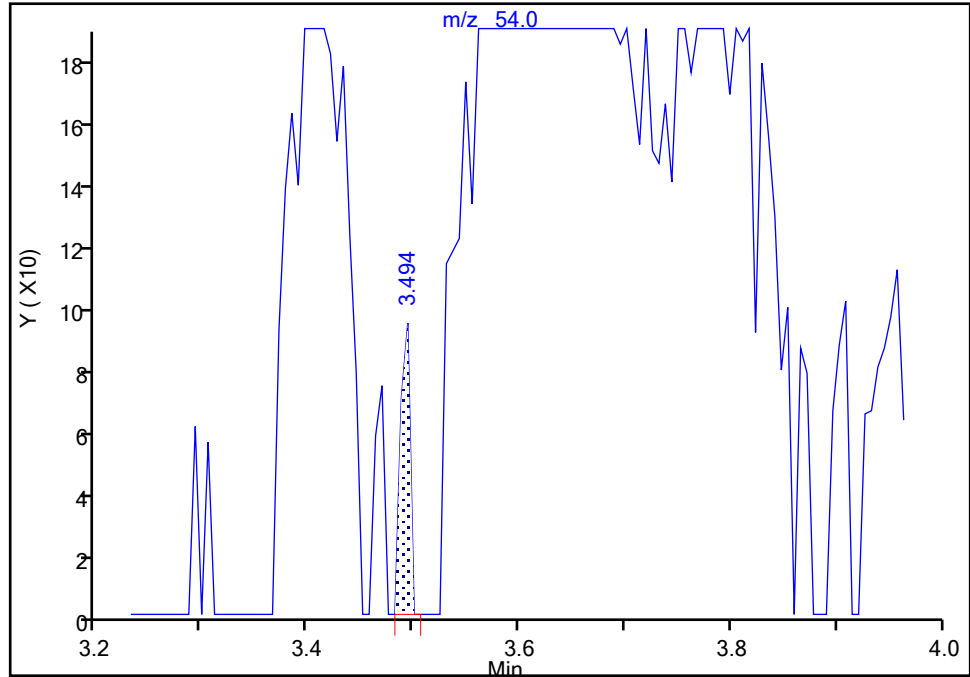
MS Quad

48 Propionitrile, CAS: 107-12-0

Signal: 1

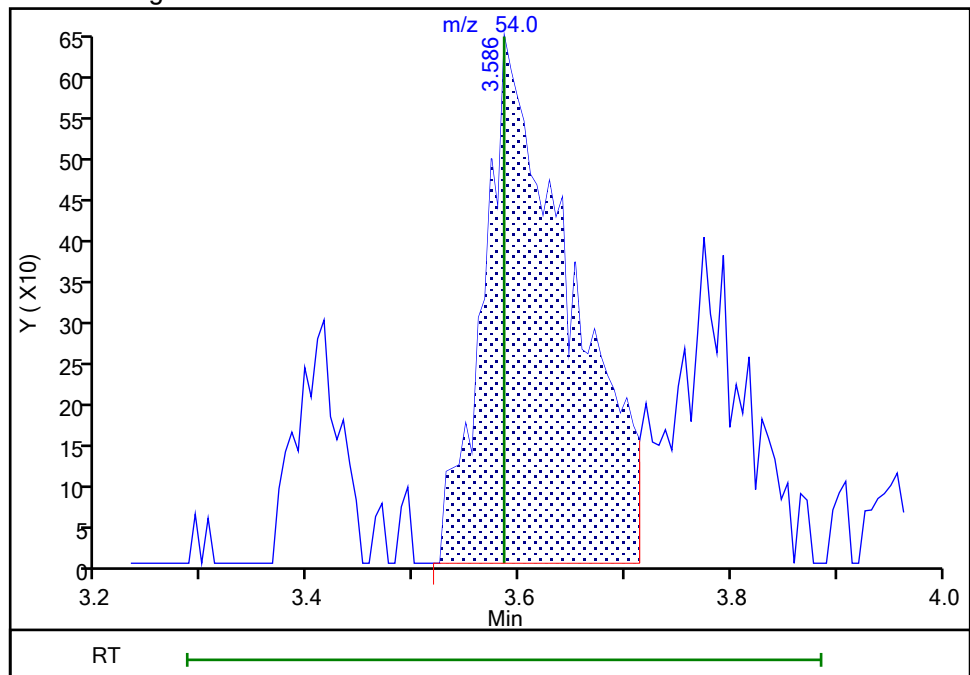
RT: 3.49
Area: 59
Amount: 0.099270
Amount Units: ug/l

Processing Integration Results



RT: 3.59
Area: 3677
Amount: 6.187156
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:05:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

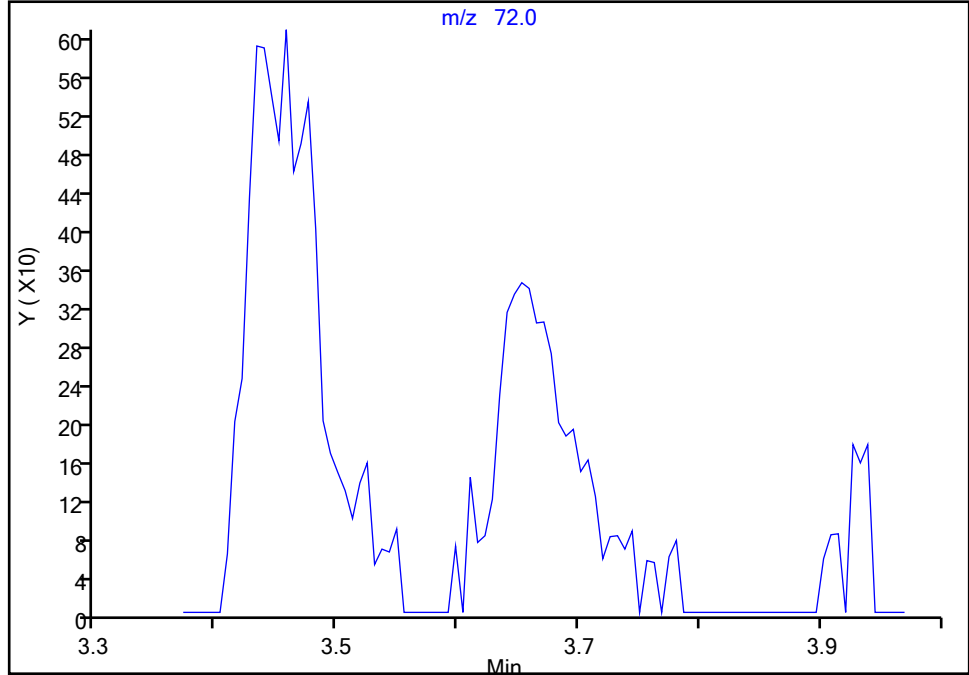
50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

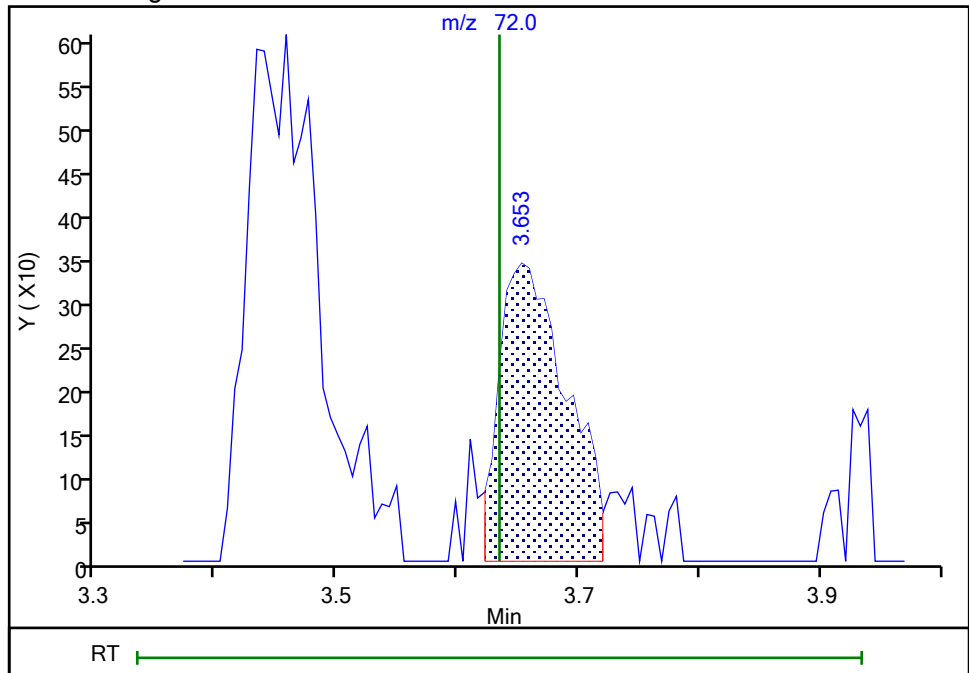
Not Detected

Expected RT: 3.63

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:40:16

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

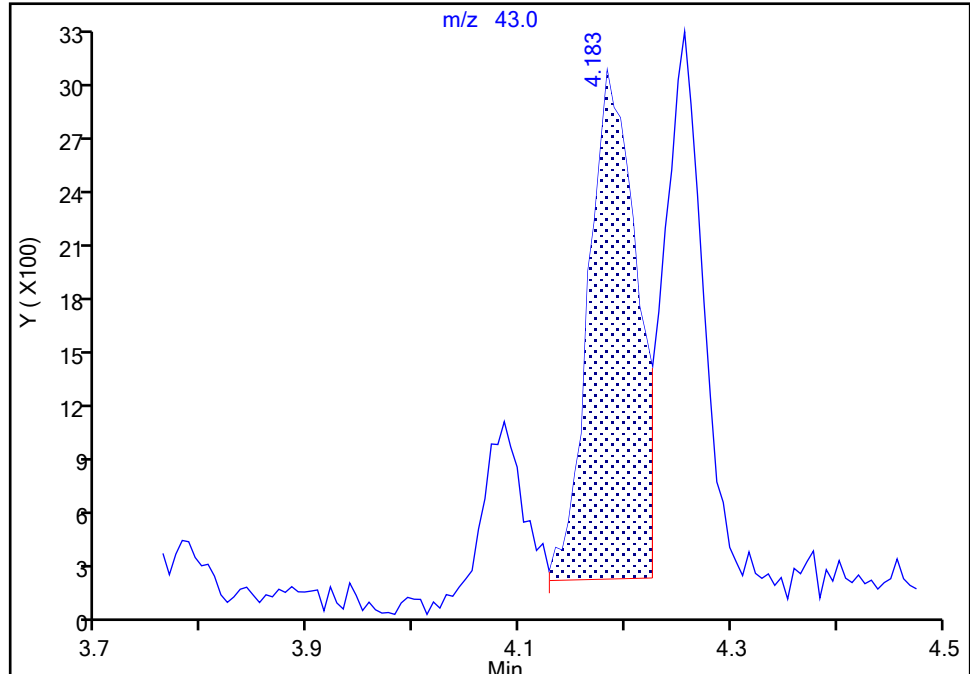
MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

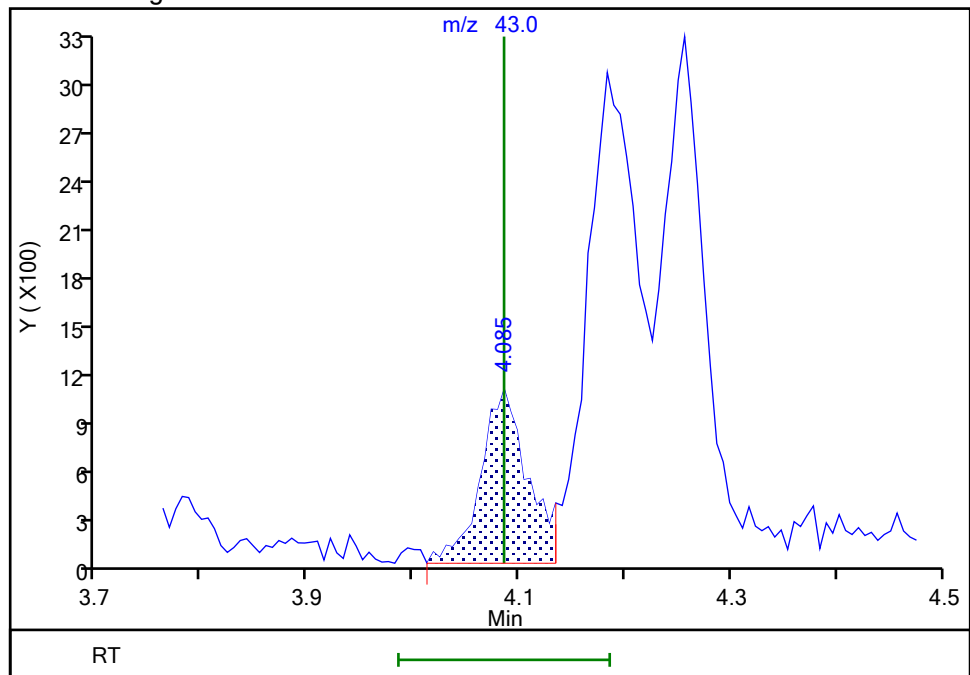
RT: 4.18
Area: 8754
Amount: 61.537181
Amount Units: ug/l

Processing Integration Results



RT: 4.09
Area: 3249
Amount: 19.870574
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:06:59

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

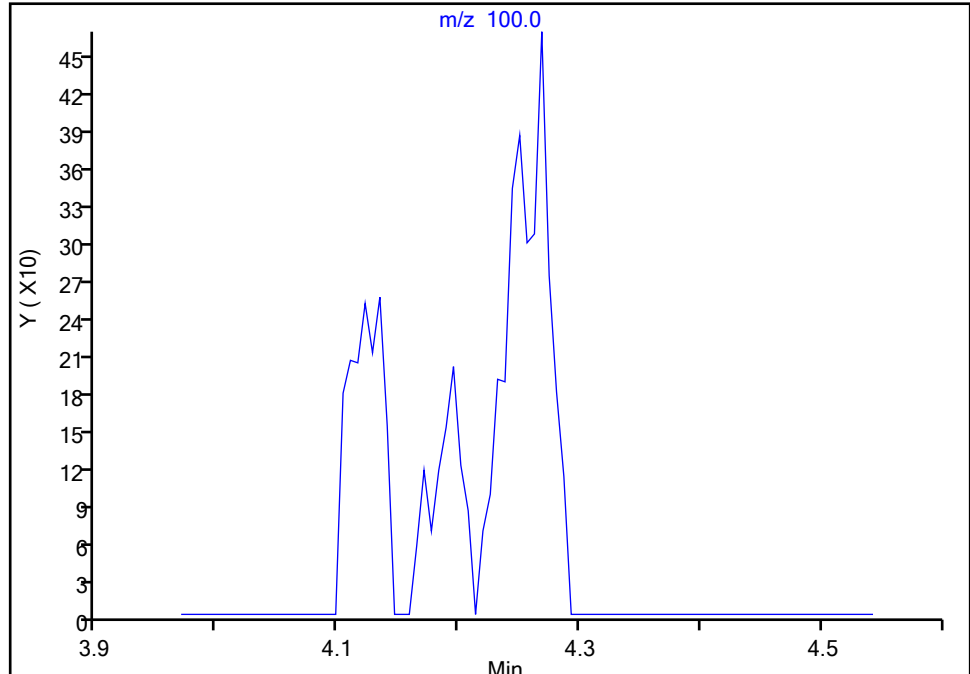
65 n-Heptane, CAS: 142-82-5

Signal: 1

Not Detected

Expected RT: 4.26

Processing Integration Results



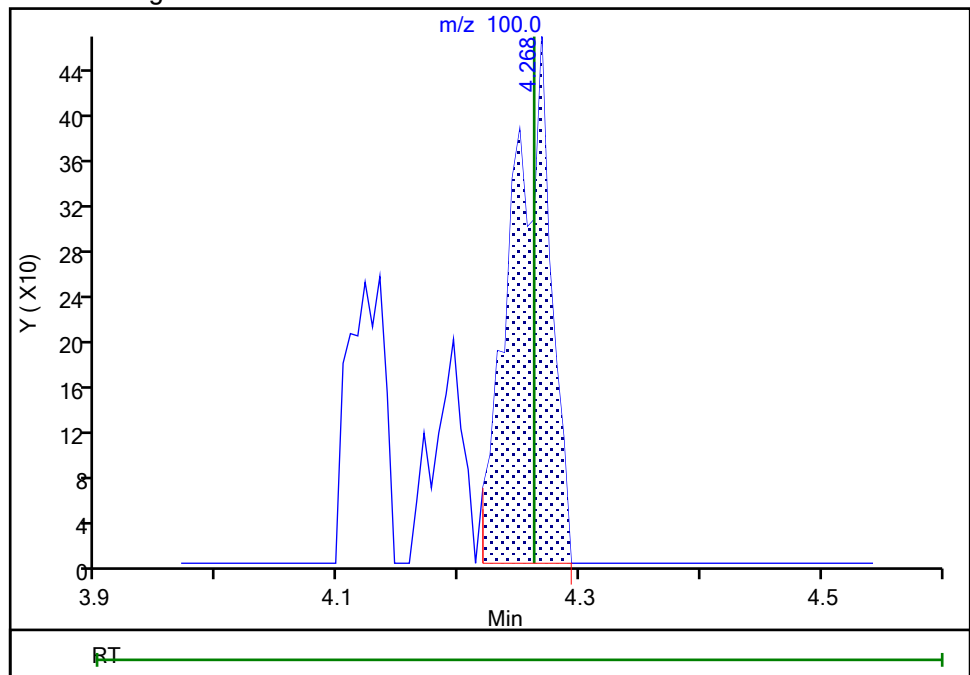
RT: 4.27

Area: 1045

Amount: 1.153069

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:40:36

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

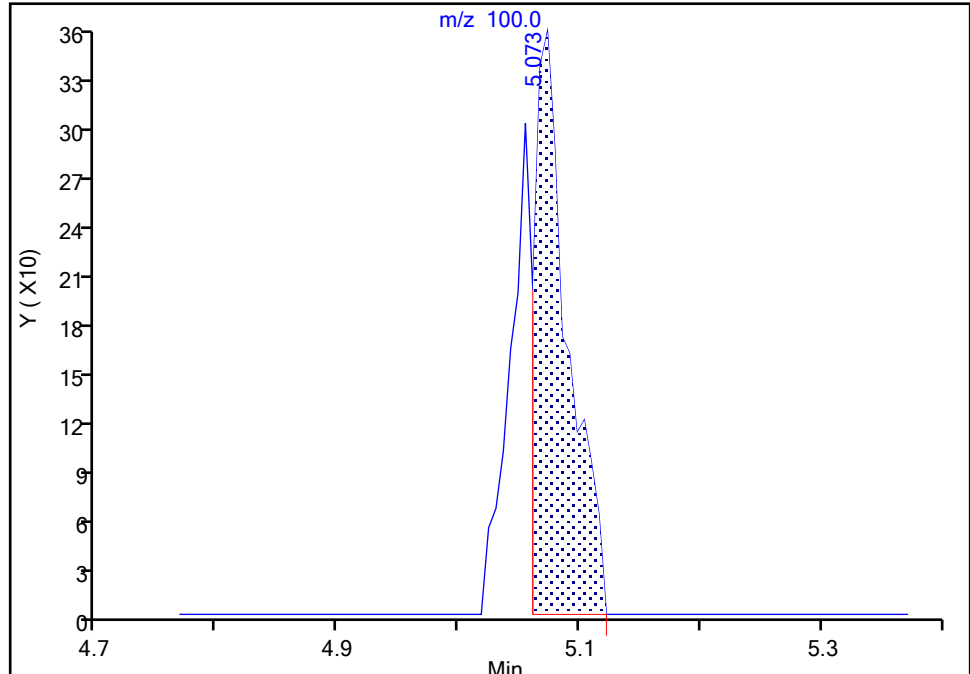
Detector: MS Quad

73 Methyl methacrylate, CAS: 80-62-6

Signal: 1

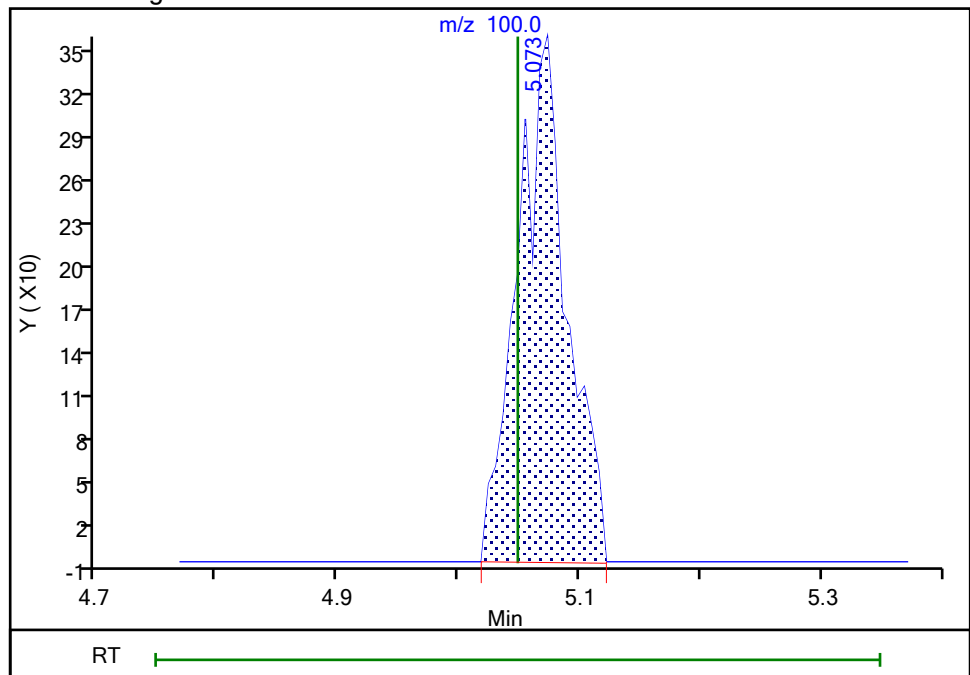
RT: 5.07
Area: 691
Amount: 0.846732
Amount Units: ug/l

Processing Integration Results



RT: 5.07
Area: 1016
Amount: 1.244925
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:40:53

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

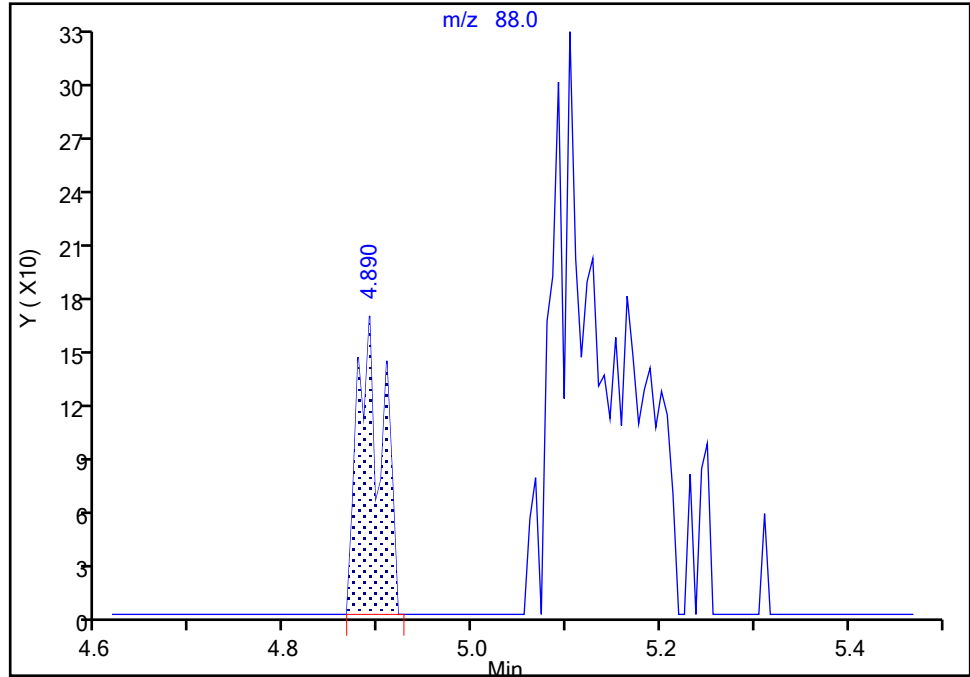
MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

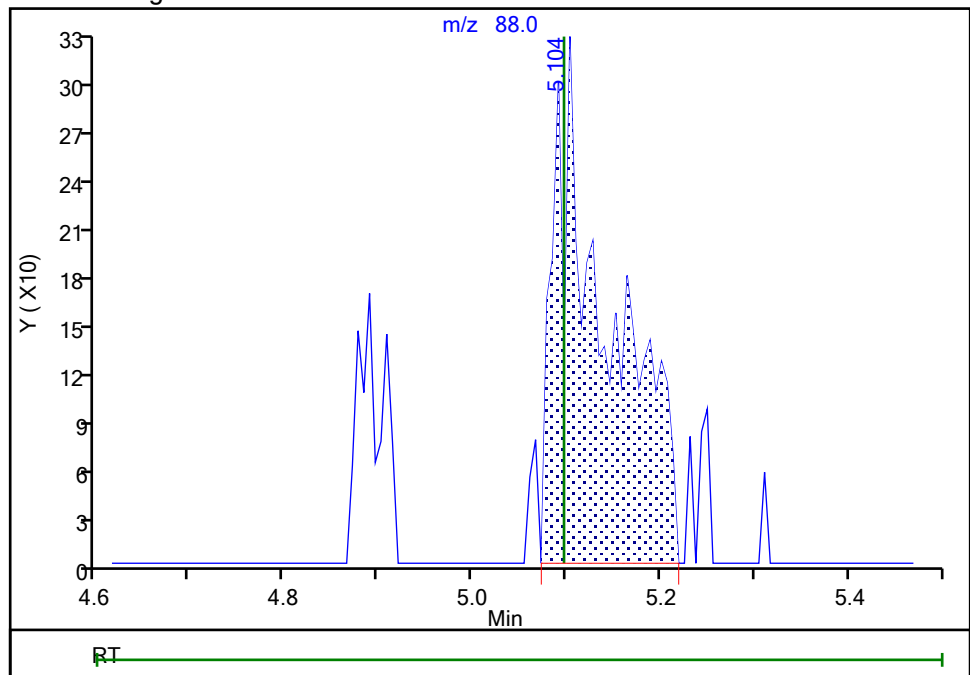
RT: 4.89
Area: 303
Amount: 10.598657
Amount Units: ug/l

Processing Integration Results



RT: 5.10
Area: 1294
Amount: 46.089103
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:41:00

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

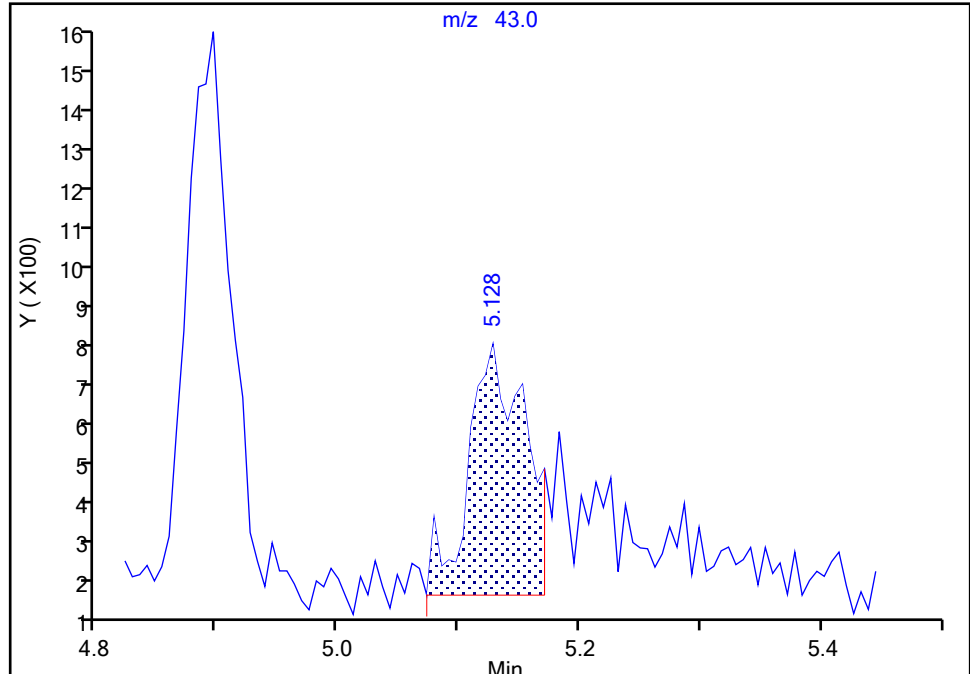
MS Quad

76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

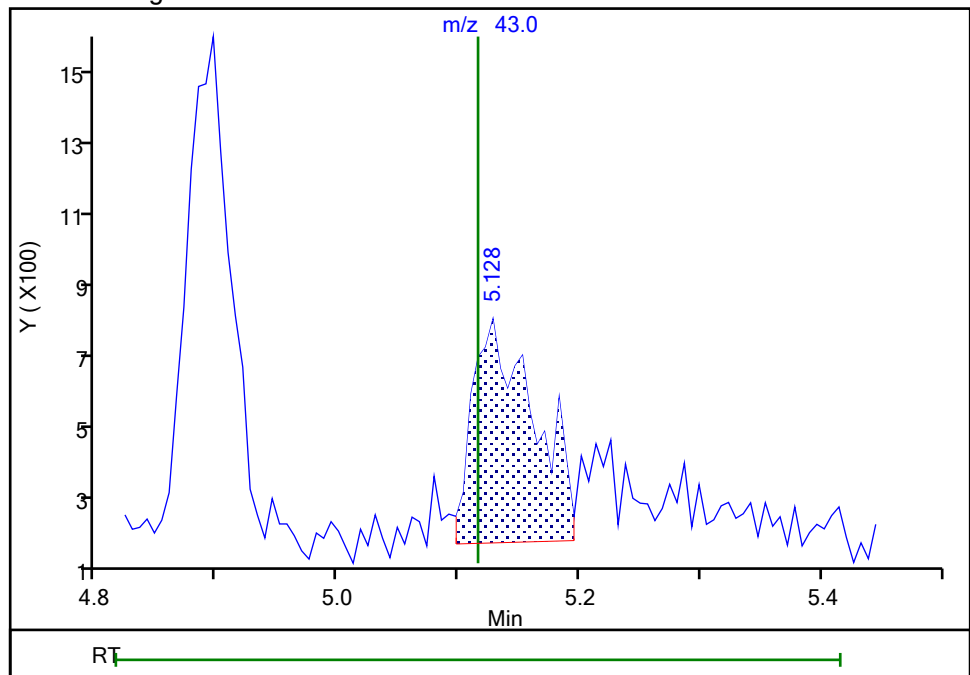
RT: 5.13
Area: 1965
Amount: 0.347307
Amount Units: ug/l

Processing Integration Results



RT: 5.13
Area: 2104
Amount: 0.371873
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:11:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

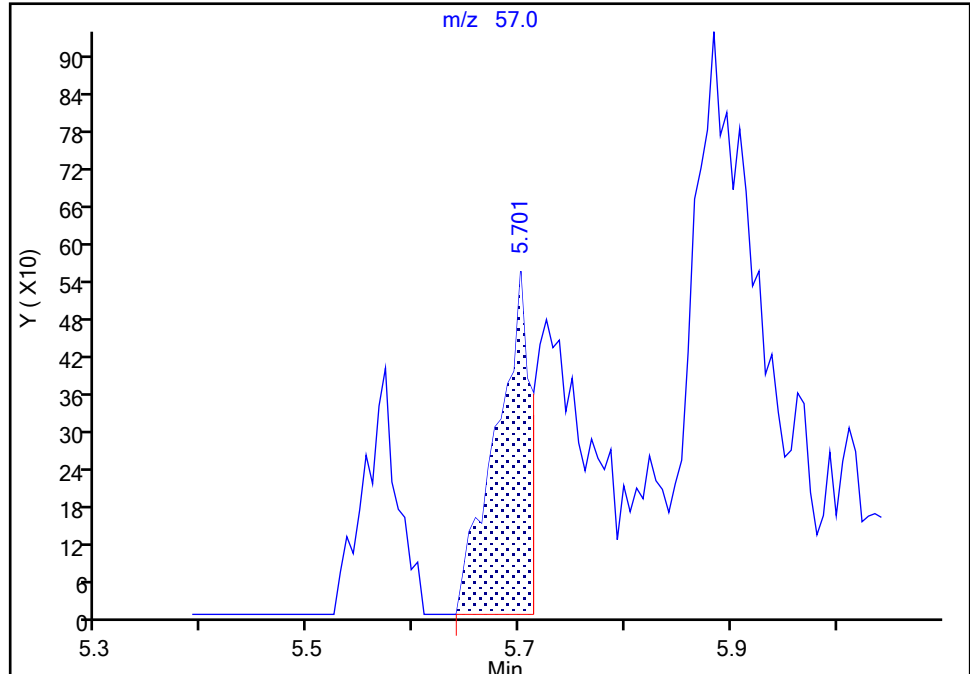
MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

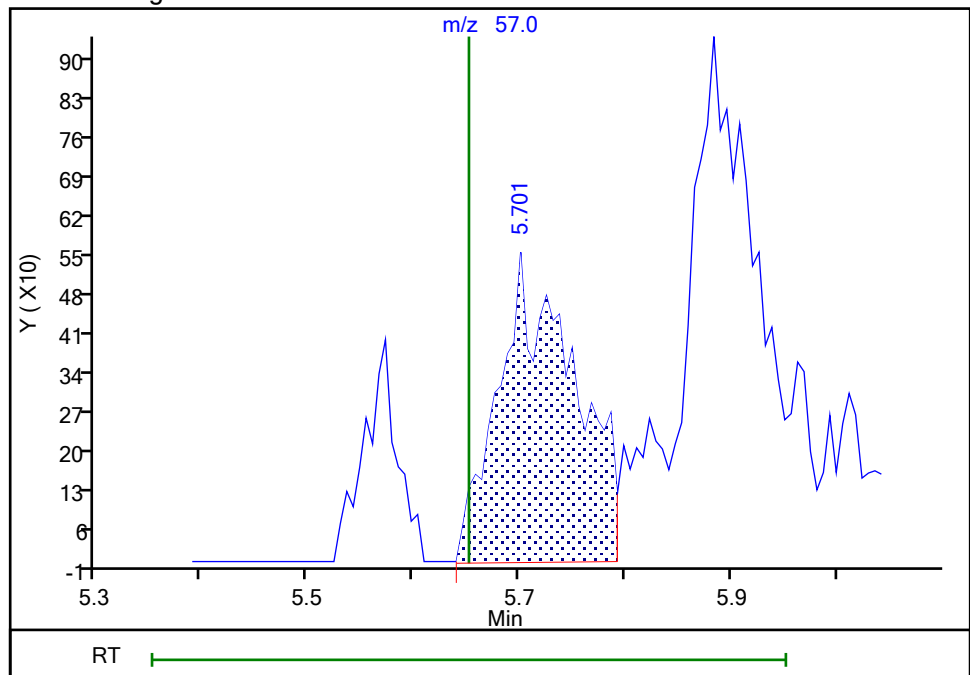
RT: 5.70
Area: 1242
Amount: 3.526247
Amount Units: ug/l

Processing Integration Results



RT: 5.70
Area: 2772
Amount: 7.870130
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:43:14

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

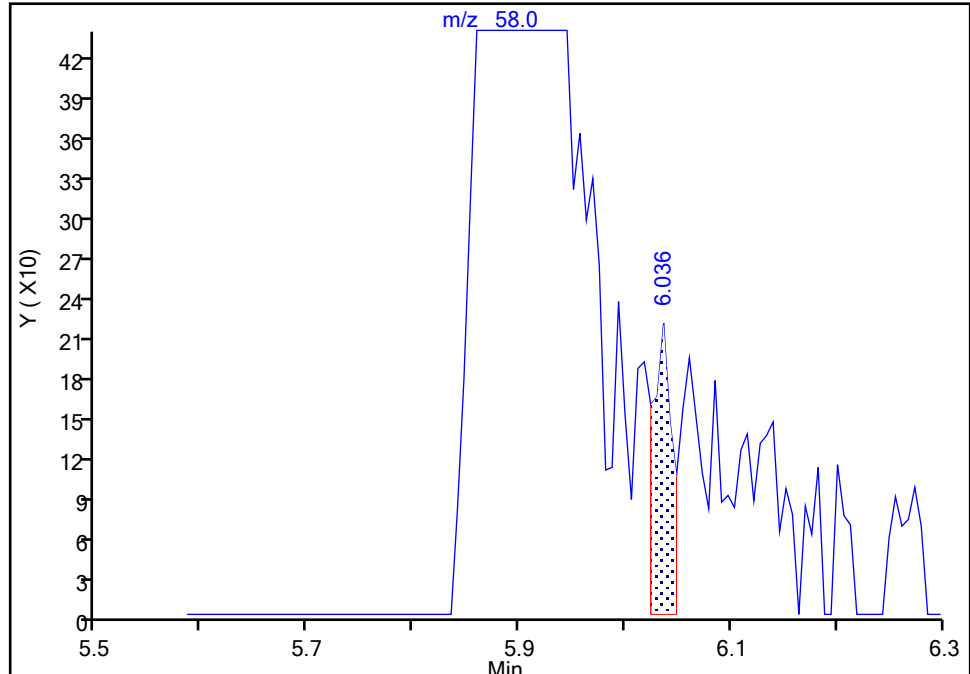
MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

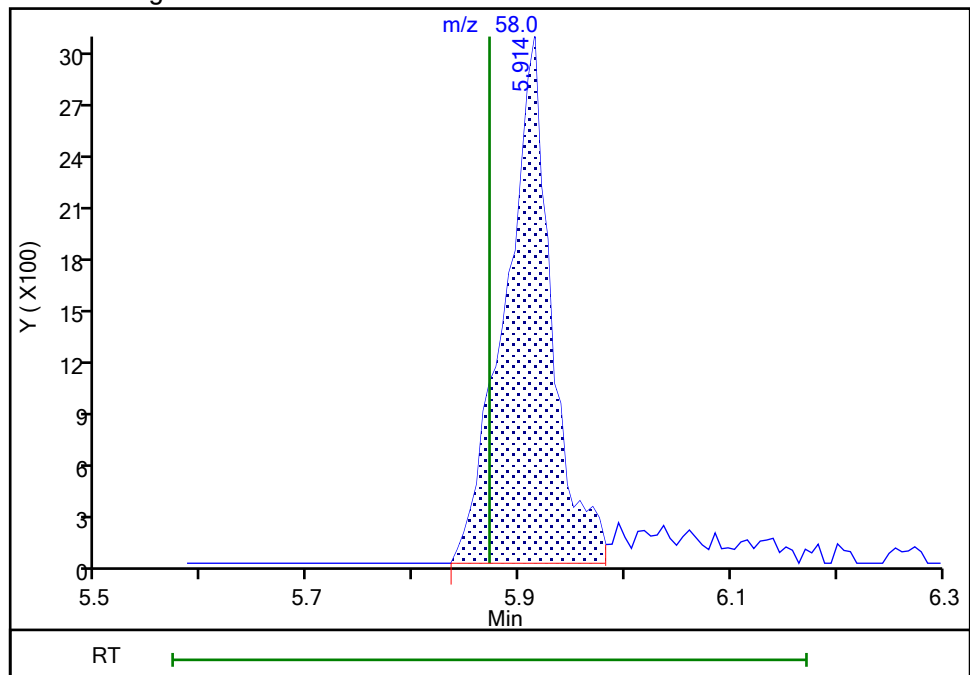
RT: 6.04
Area: 288
Amount: 0.178104
Amount Units: ug/l

Processing Integration Results



RT: 5.91
Area: 9234
Amount: 5.631743
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:43:21

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

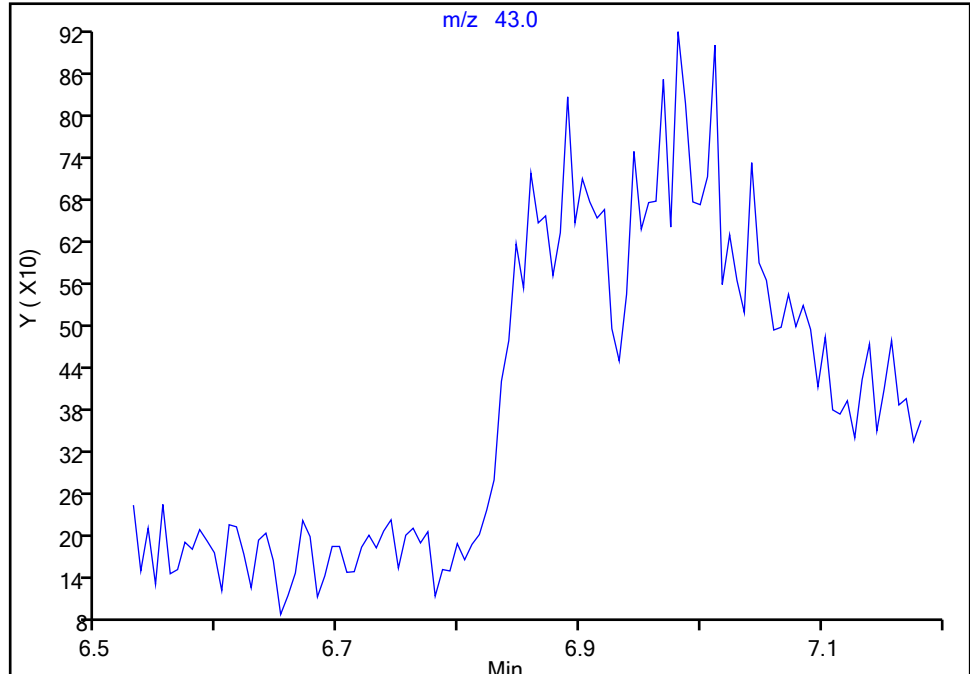
90 2-Hexanone, CAS: 591-78-6

Signal: 1

Not Detected

Expected RT: 6.83

Processing Integration Results



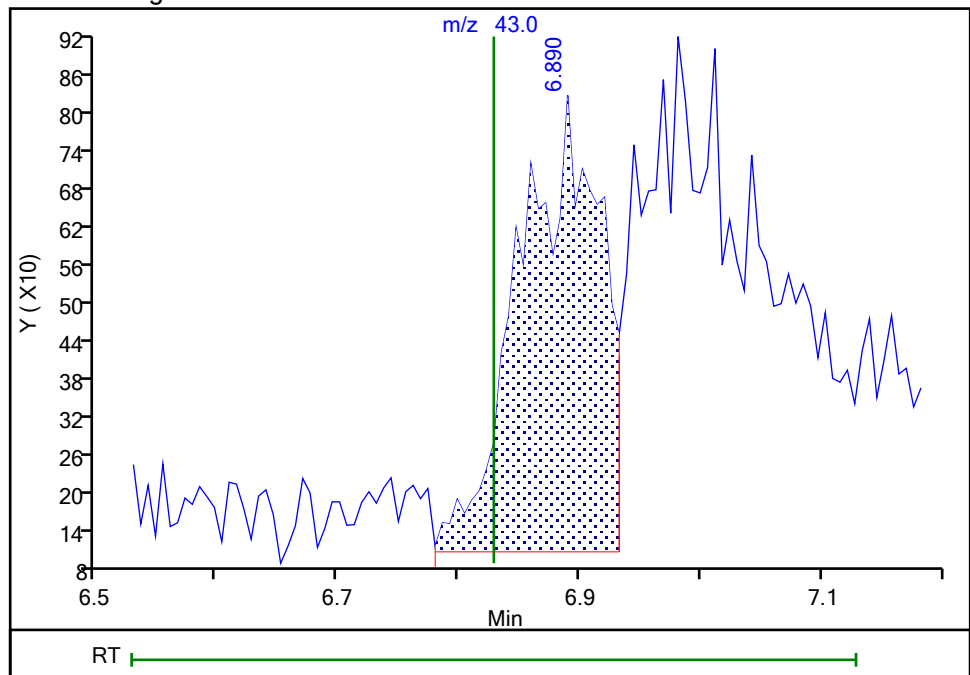
RT: 6.89

Area: 3419

Amount: 1.240493

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:44:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

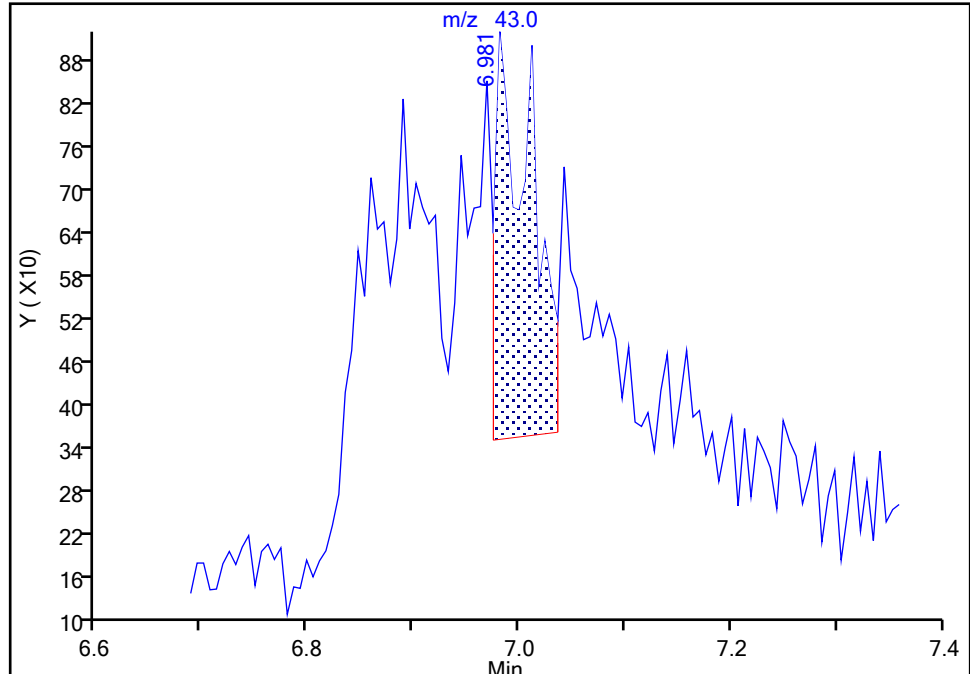
MS Quad

91 n-Butyl acetate, CAS: 123-86-4

Signal: 1

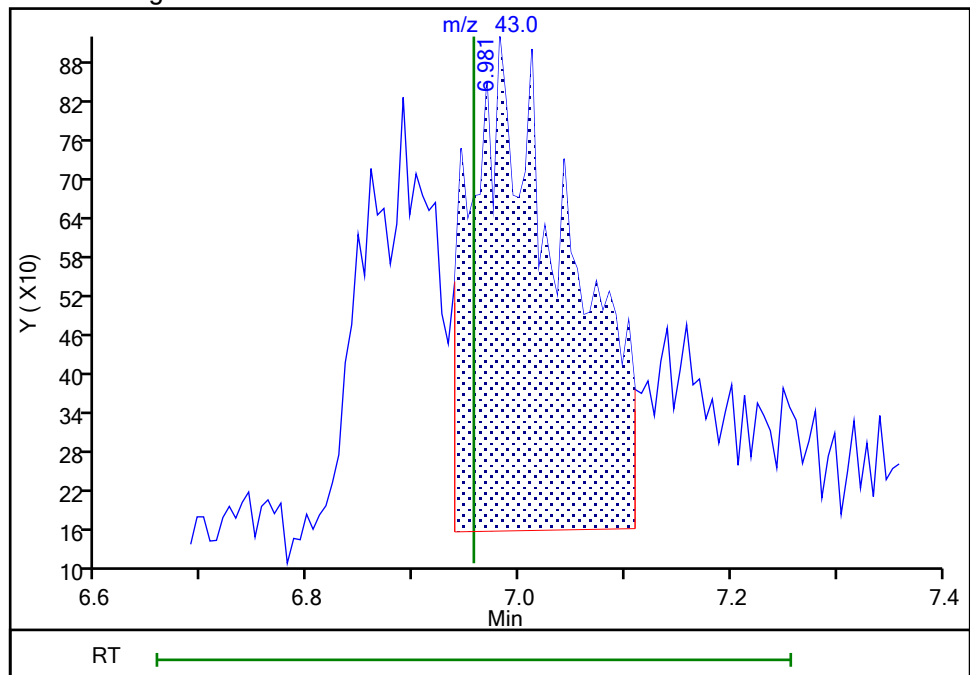
RT: 6.98
Area: 1335
Amount: 0.230845
Amount Units: ug/l

Processing Integration Results



RT: 6.98
Area: 4831
Amount: 0.905406
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 18:44:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

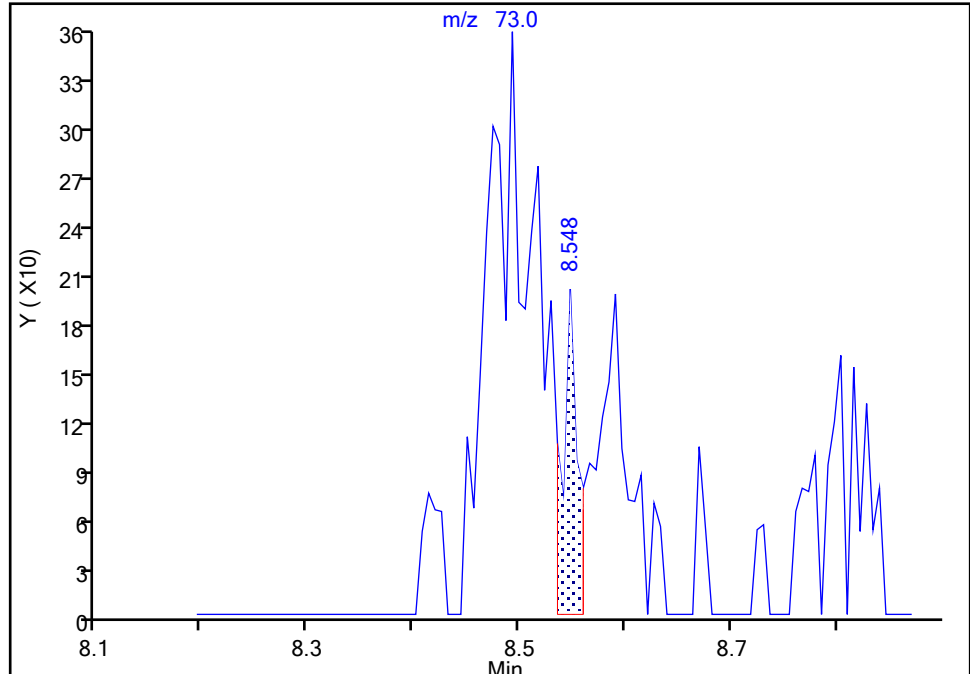
MS Quad

100 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

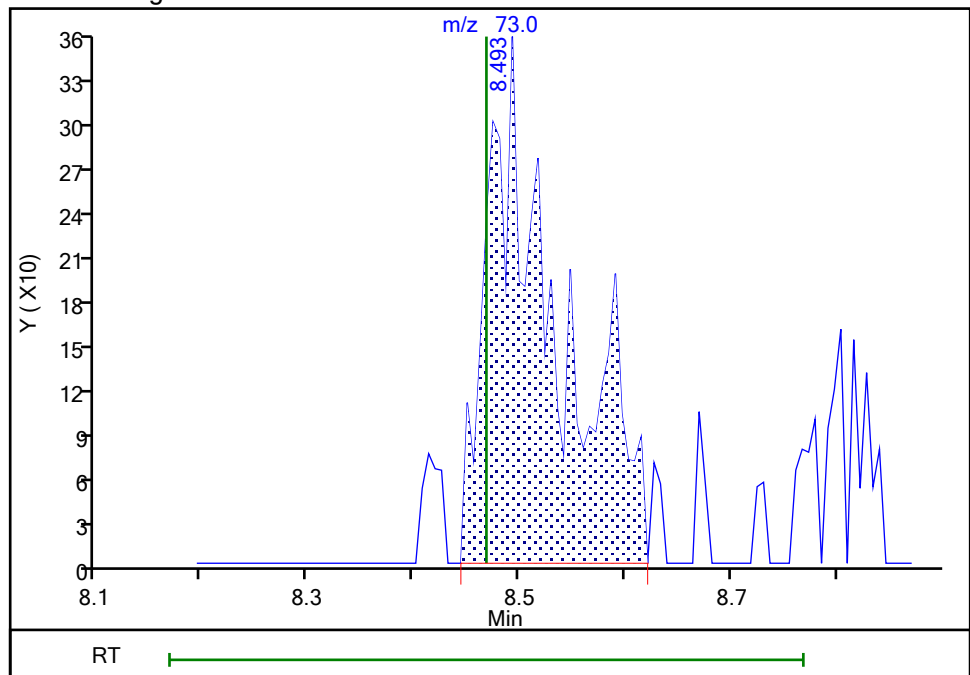
RT: 8.55
Area: 196
Amount: 0.085065
Amount Units: ug/l

Processing Integration Results



RT: 8.49
Area: 1585
Amount: 0.687745
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:15:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

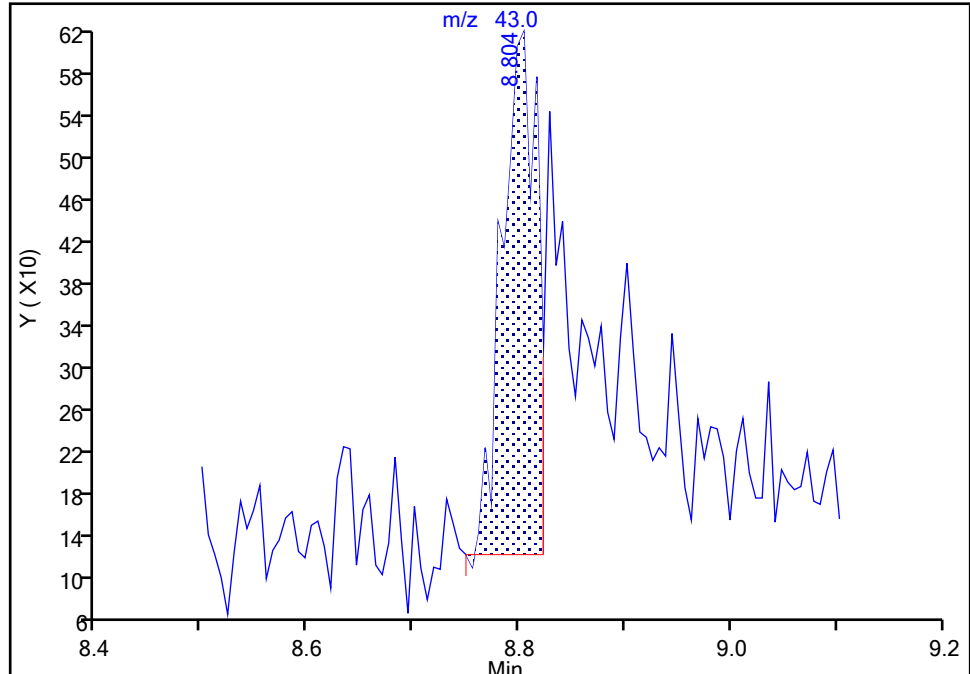
MS Quad

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

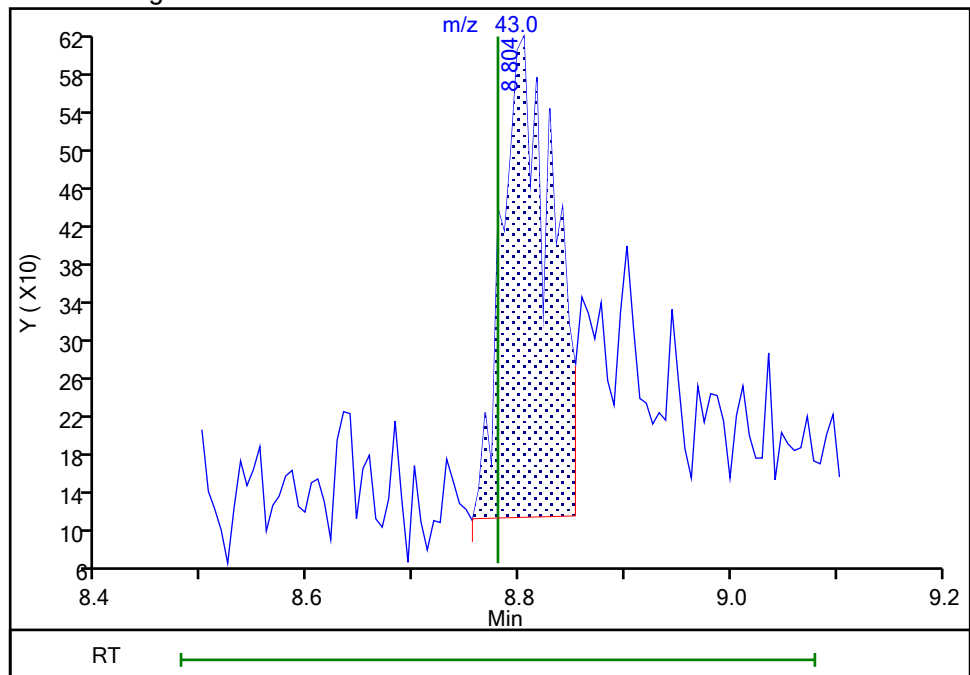
RT: 8.80
Area: 1135
Amount: 0.161903
Amount Units: ug/l

Processing Integration Results



RT: 8.80
Area: 1687
Amount: 0.240619
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:16:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D

Injection Date: 10-Sep-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

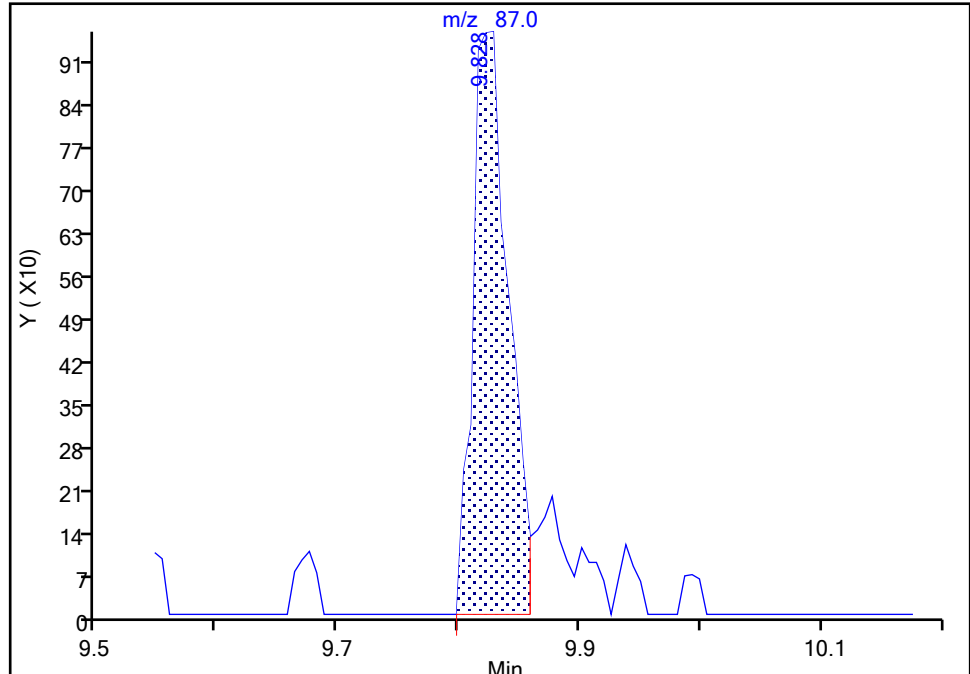
MS Quad

115 Butyl Methacrylate, CAS: 97-88-1

Signal: 1

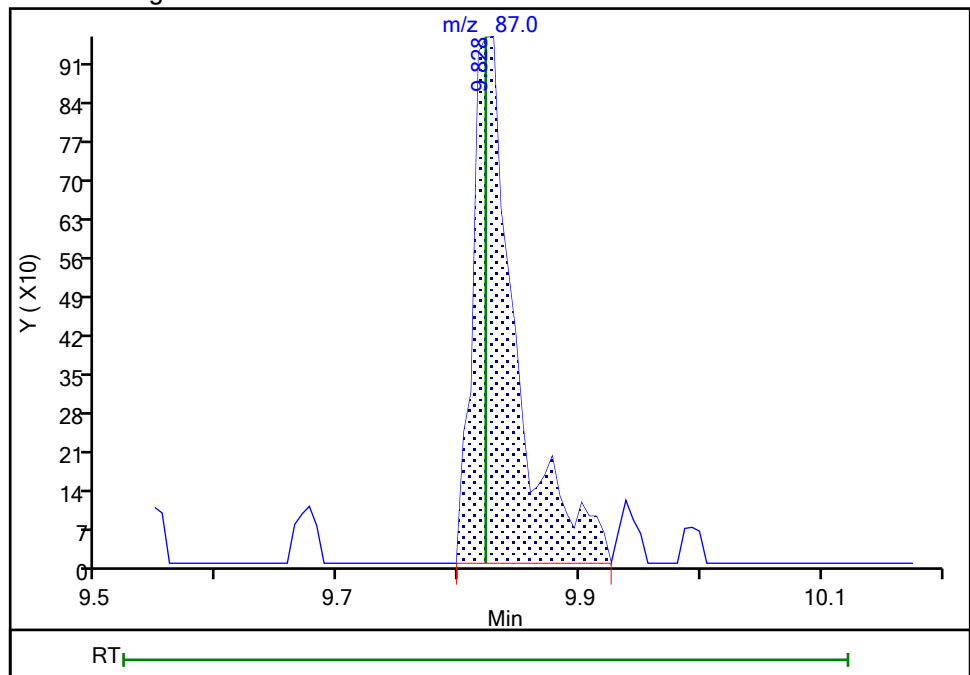
RT: 9.83
Area: 1955
Amount: 0.480293
Amount Units: ug/l

Processing Integration Results



RT: 9.83
Area: 2356
Amount: 0.578737
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:17:08

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Calibration

/ Chlorotrifluoroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

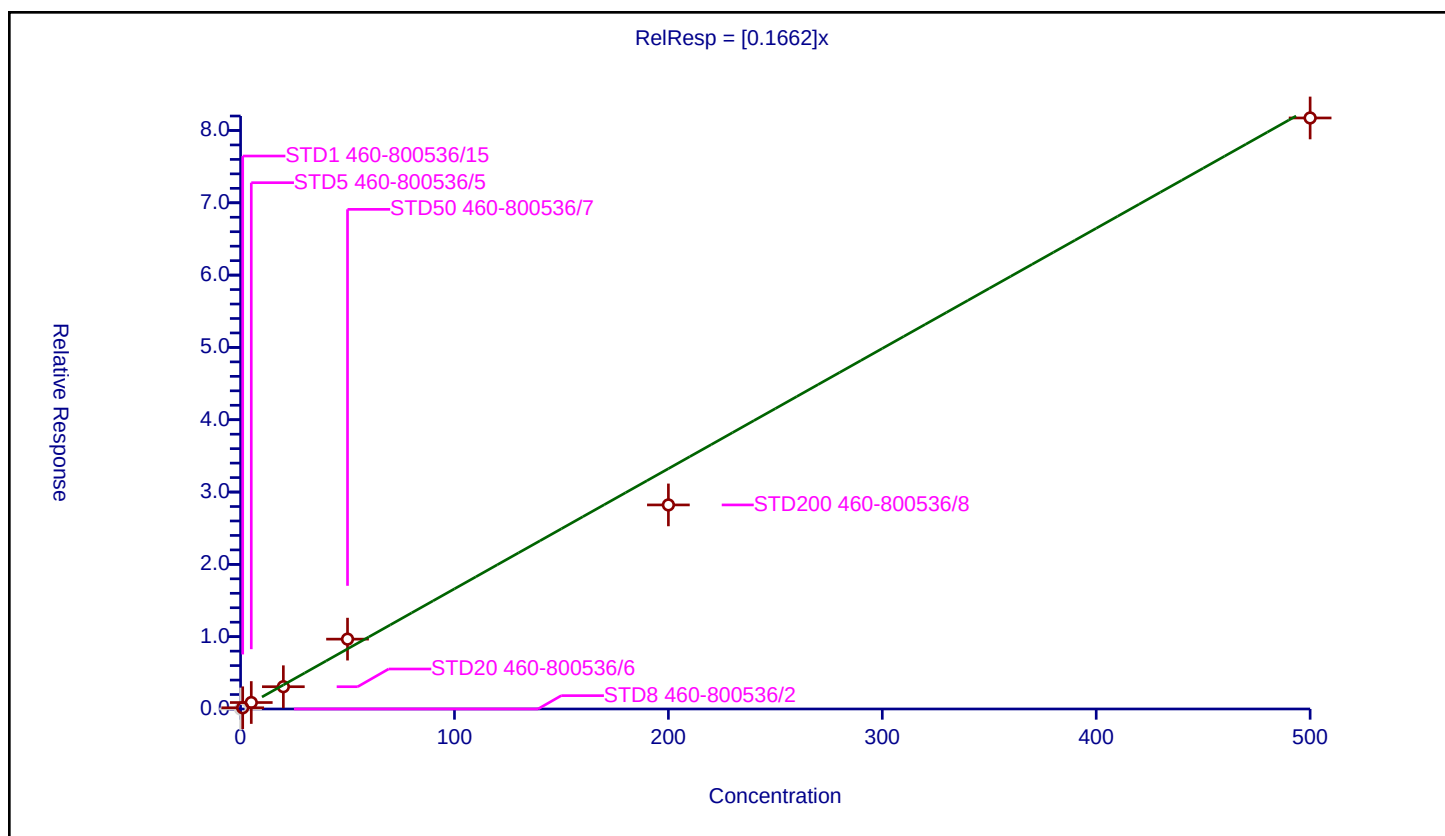
Curve Coefficients

Intercept: 0
 Slope: 0.1662

Error Coefficients

Standard Error: 358000
 Relative Standard Error: 11.0
 Correlation Coefficient: 0.995
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.166208	50.0	500278.0	0.166208	Y
3	STD5 460-800536/5	5.0	0.89533	50.0	405828.0	0.179066	Y
4	STD20 460-800536/6	20.0	3.080346	50.0	447466.0	0.154017	Y
5	STD50 460-800536/7	50.0	9.660582	50.0	398299.0	0.193212	Y
6	STD200 460-800536/8	200.0	28.220195	50.0	444088.0	0.141101	Y
7	STD500 460-800536/9	500.0	81.729013	50.0	462096.0	0.163458	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

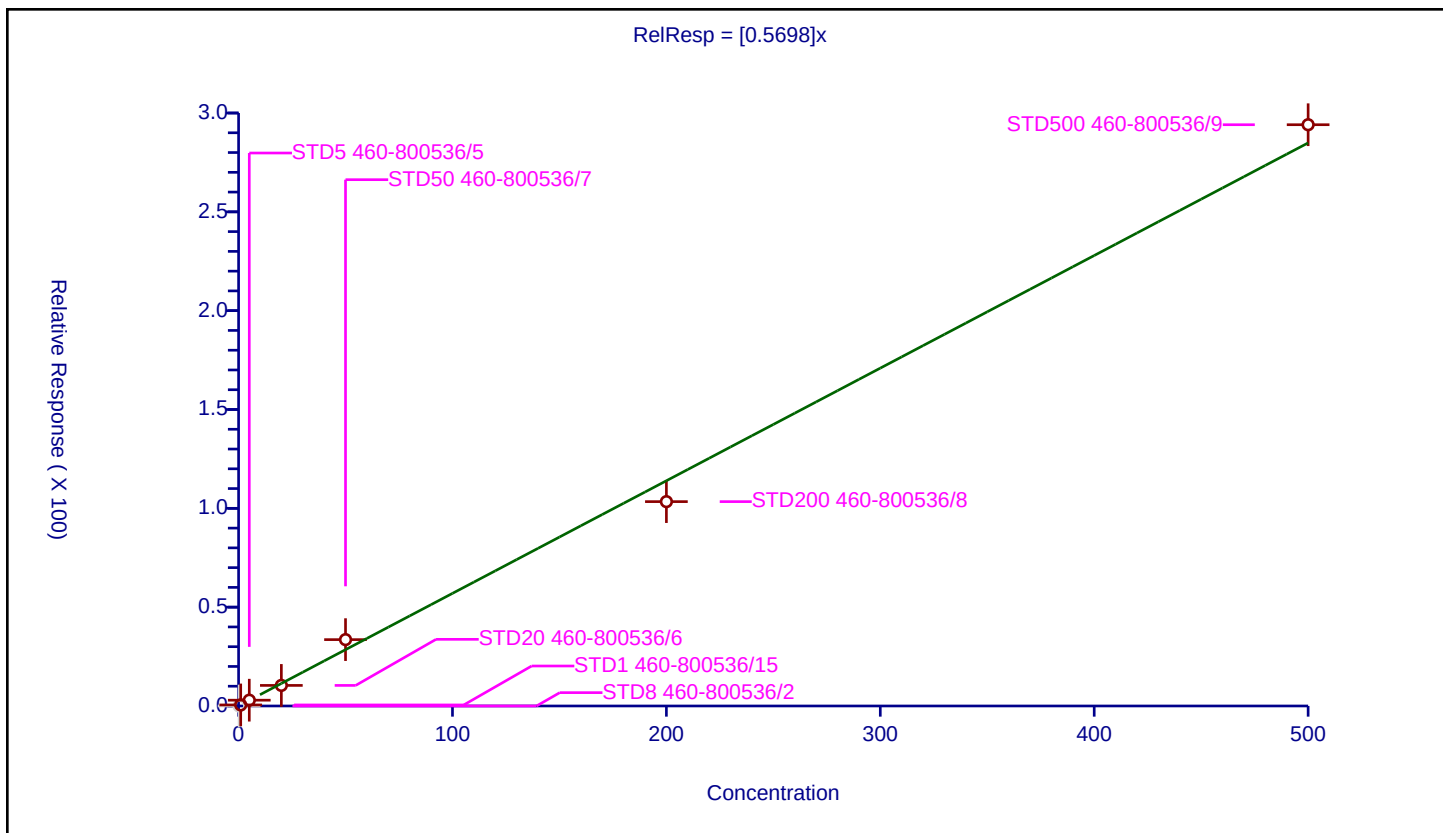
Curve Coefficients

Intercept: 0
 Slope: 0.5698

Error Coefficients

Standard Error: 1290000
 Relative Standard Error: 10.4
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.25	0.0	50.0	671010.0	0.0	N
2	STD1 460-800536/15	1.0	0.534003	50.0	500278.0	0.534003	Y
3	STD5 460-800536/5	5.0	2.937698	50.0	405828.0	0.58754	Y
4	STD20 460-800536/6	20.0	10.409171	50.0	447466.0	0.520459	Y
5	STD50 460-800536/7	50.0	33.572266	50.0	398299.0	0.671445	Y
6	STD200 460-800536/8	200.0	103.390882	50.0	444088.0	0.516954	Y
7	STD500 460-800536/9	500.0	294.078395	50.0	462096.0	0.588157	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

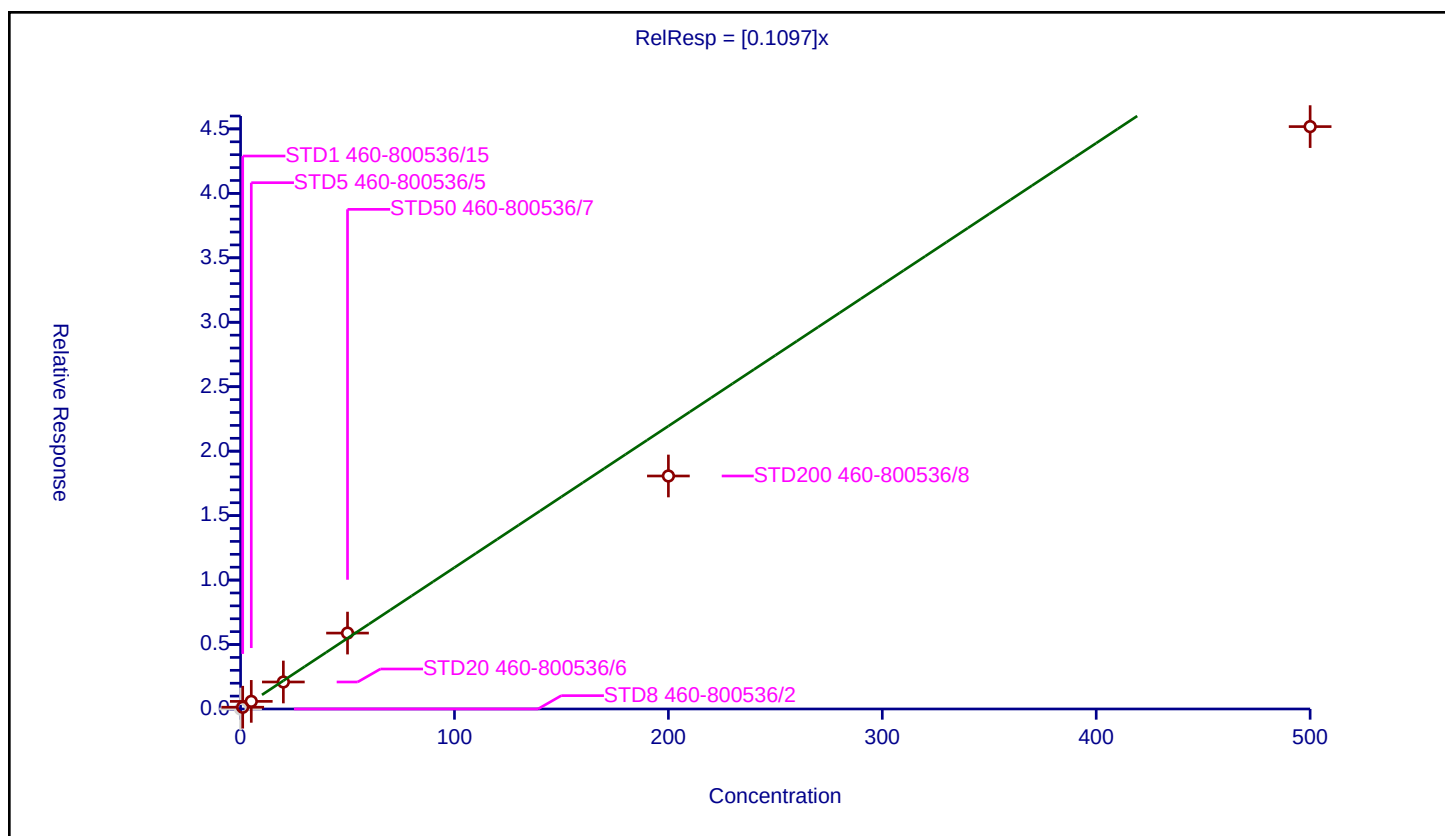
Curve Coefficients

Intercept: 0
 Slope: 0.1097

Error Coefficients

Standard Error: 201000
 Relative Standard Error: 16.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.136924	50.0	500278.0	0.136924	Y
3	STD5 460-800536/5	5.0	0.591384	50.0	405828.0	0.118277	Y
4	STD20 460-800536/6	20.0	2.094461	50.0	447466.0	0.104723	Y
5	STD50 460-800536/7	50.0	5.88942	50.0	398299.0	0.117788	Y
6	STD200 460-800536/8	200.0	18.075697	50.0	444088.0	0.090378	Y
7	STD500 460-800536/9	500.0	45.17795	50.0	462096.0	0.090356	Y



Calibration

/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

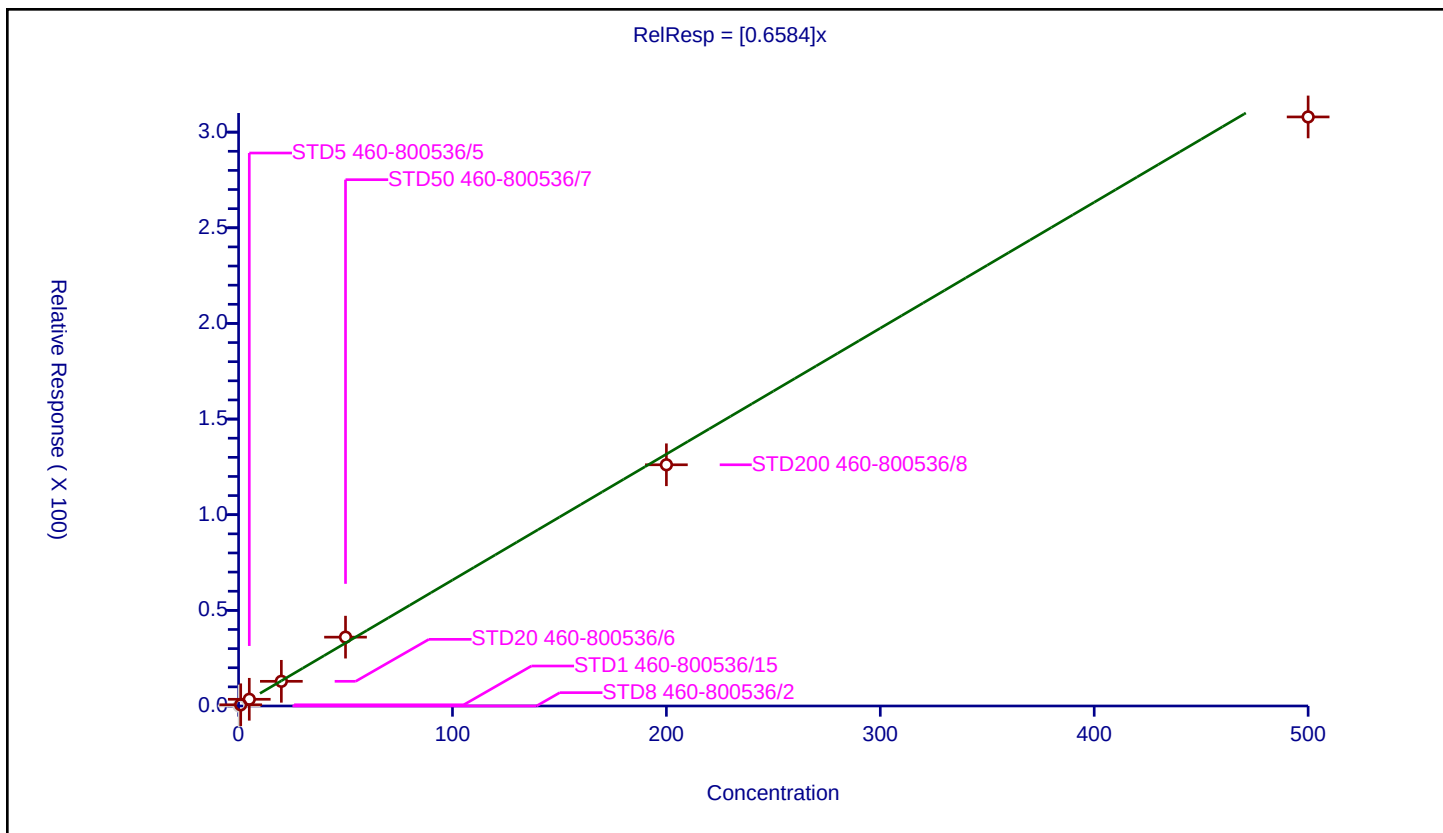
Curve Coefficients

Intercept: 0
 Slope: 0.6584

Error Coefficients

Standard Error: 1370000
 Relative Standard Error: 6.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.25	0.0	50.0	671010.0	0.0	N
2	STD1 460-800536/15	1.0	0.636846	50.0	500278.0	0.636846	Y
3	STD5 460-800536/5	5.0	3.508999	50.0	405828.0	0.7018	Y
4	STD20 460-800536/6	20.0	12.90355	50.0	447466.0	0.645178	Y
5	STD50 460-800536/7	50.0	35.993563	50.0	398299.0	0.719871	Y
6	STD200 460-800536/8	200.0	126.105749	50.0	444088.0	0.630529	Y
7	STD500 460-800536/9	500.0	307.946401	50.0	462096.0	0.615893	Y



Calibration

/ Butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

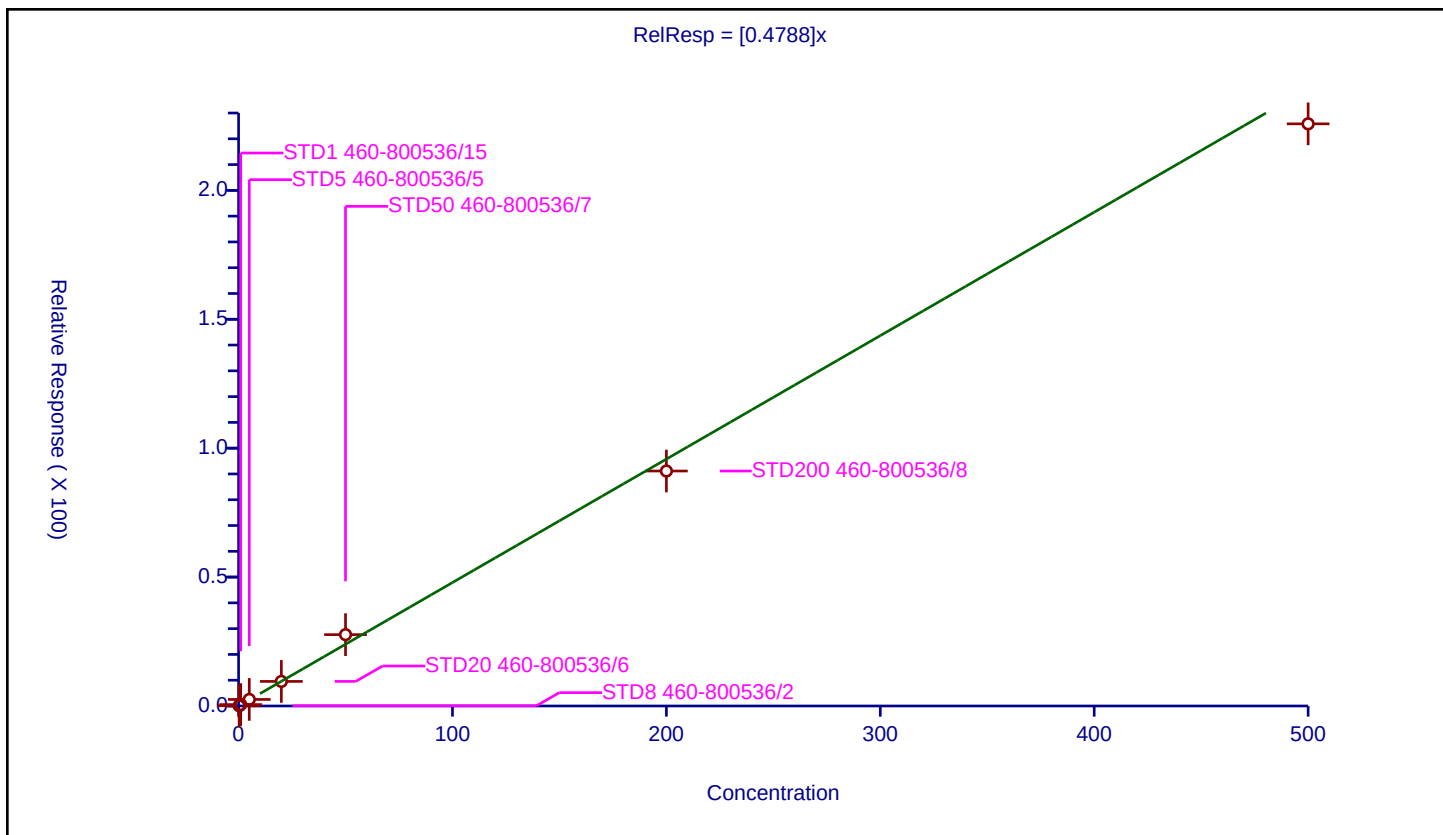
Curve Coefficients

Intercept: 0
 Slope: 0.4788

Error Coefficients

Standard Error: 919000
 Relative Standard Error: 13.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.25	0.091355	50.0	671010.0	0.365419	Y
2	STD1 460-800536/15	1.0	0.541899	50.0	500278.0	0.541899	Y
3	STD5 460-800536/5	5.0	2.537282	50.0	405828.0	0.507456	Y
4	STD20 460-800536/6	20.0	9.526757	50.0	447466.0	0.476338	Y
5	STD50 460-800536/7	50.0	27.674812	50.0	398299.0	0.553496	Y
6	STD200 460-800536/8	200.0	91.137905	50.0	444088.0	0.45569	Y
7	STD500 460-800536/9	500.0	225.796804	50.0	462096.0	0.451594	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

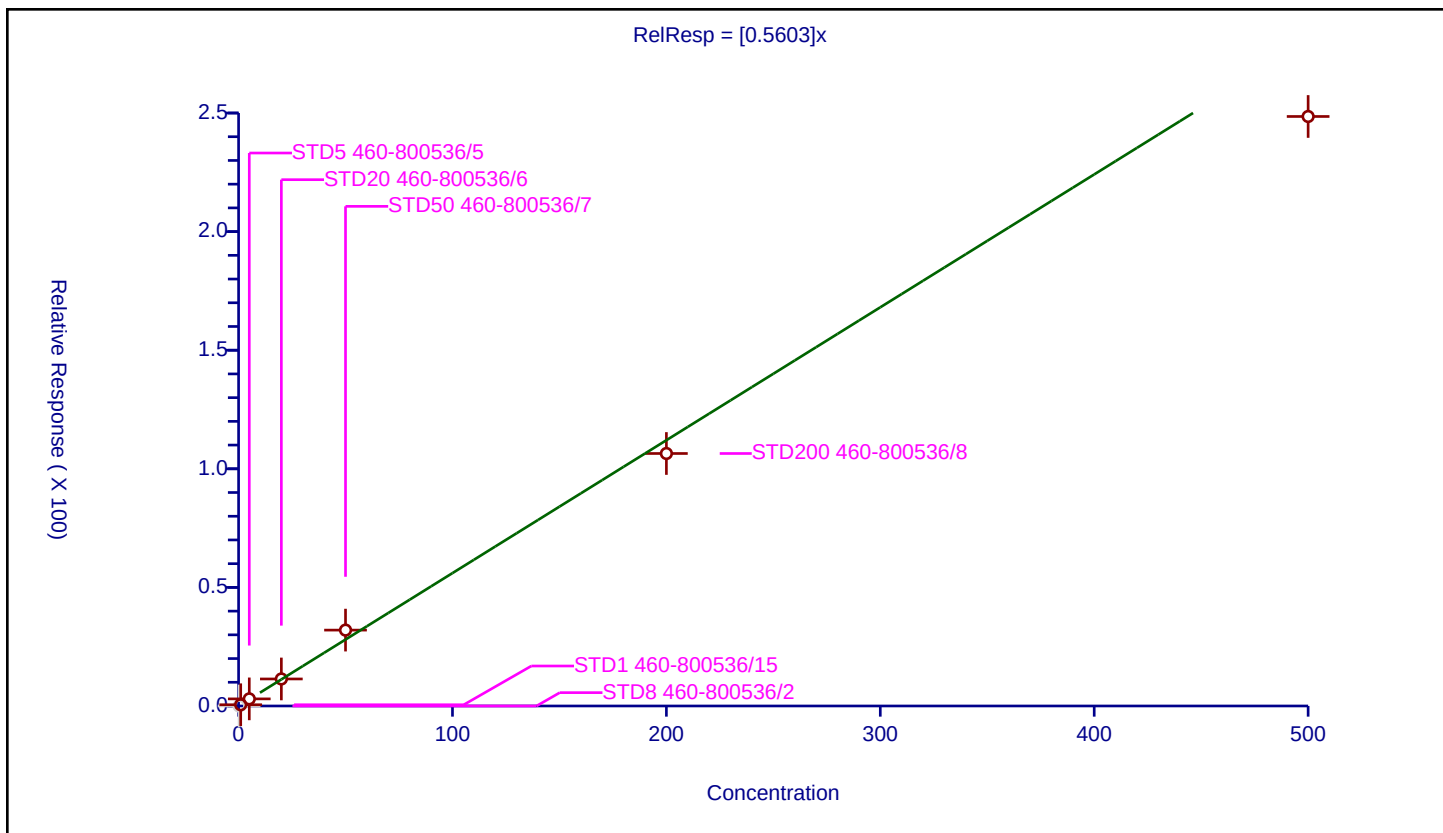
Curve Coefficients

Intercept: 0
 Slope: 0.5603

Error Coefficients

Standard Error: 1120000
 Relative Standard Error: 9.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.25	0.0	50.0	671010.0	0.0	N
2	STD1 460-800536/15	1.0	0.524109	50.0	500278.0	0.524109	Y
3	STD5 460-800536/5	5.0	2.993263	50.0	405828.0	0.598653	Y
4	STD20 460-800536/6	20.0	11.39662	50.0	447466.0	0.569831	Y
5	STD50 460-800536/7	50.0	31.988406	50.0	398299.0	0.639768	Y
6	STD200 460-800536/8	200.0	106.448272	50.0	444088.0	0.532241	Y
7	STD500 460-800536/9	500.0	248.538615	50.0	462096.0	0.497077	Y



Calibration

/ Bromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

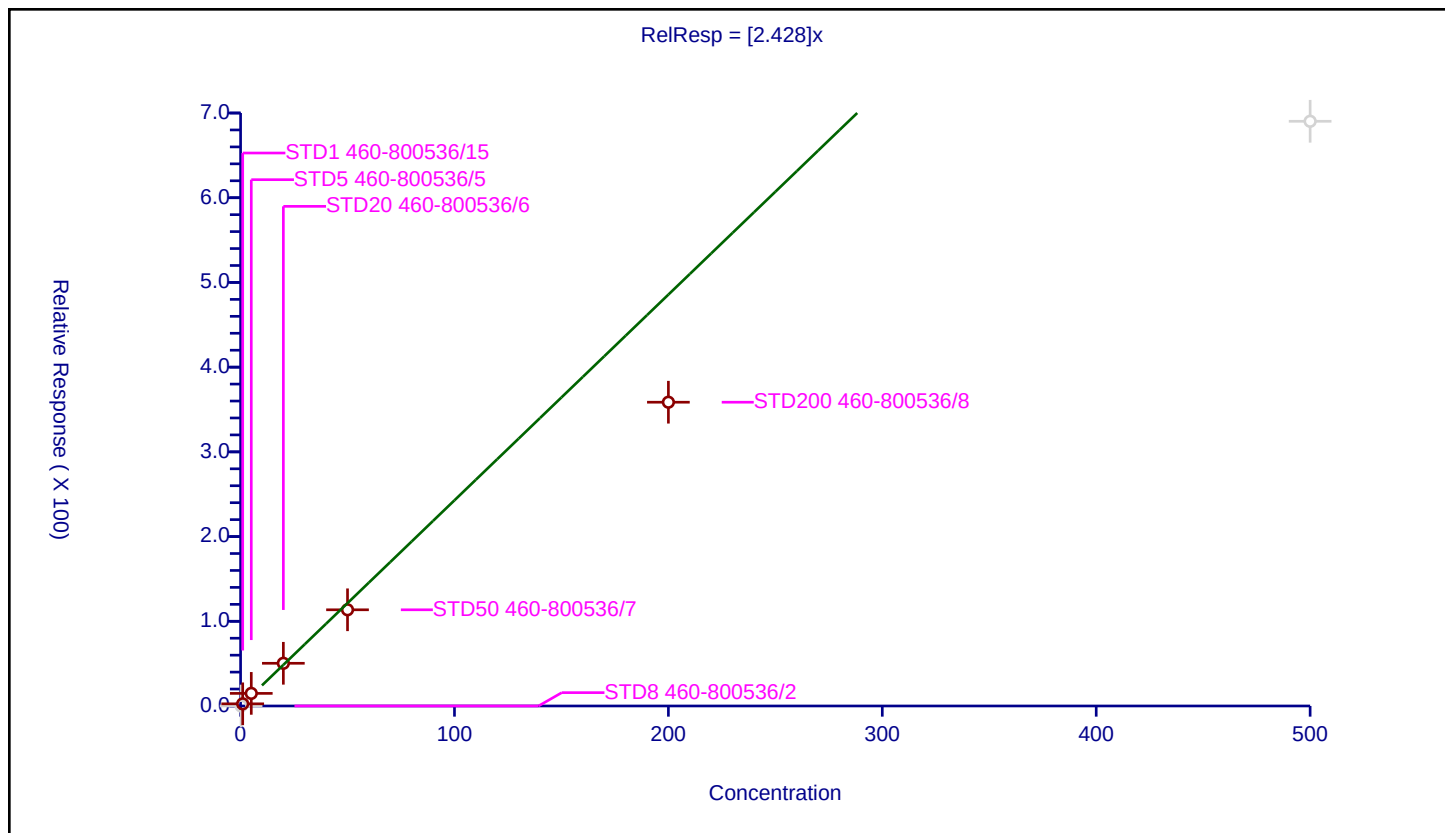
Curve Coefficients

Intercept: 0
 Slope: 2.428

Error Coefficients

Standard Error: 252000
 Relative Standard Error: 17.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.25	0.0	250.0	411419.0	0.0	N
2	STD1 460-800536/15	1.0	2.580896	250.0	322853.0	2.580896	Y
3	STD5 460-800536/5	5.0	14.880144	250.0	261271.0	2.976029	Y
4	STD20 460-800536/6	20.0	50.400378	250.0	303713.0	2.520019	Y
5	STD50 460-800536/7	50.0	113.56895	250.0	281503.0	2.271379	Y
6	STD200 460-800536/8	200.0	358.600685	250.0	336729.0	1.793003	Y
7	STD500 460-800536/9	500.0	690.238509	250.0	366988.0	1.380477	N



Calibration

/ Chloroethane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

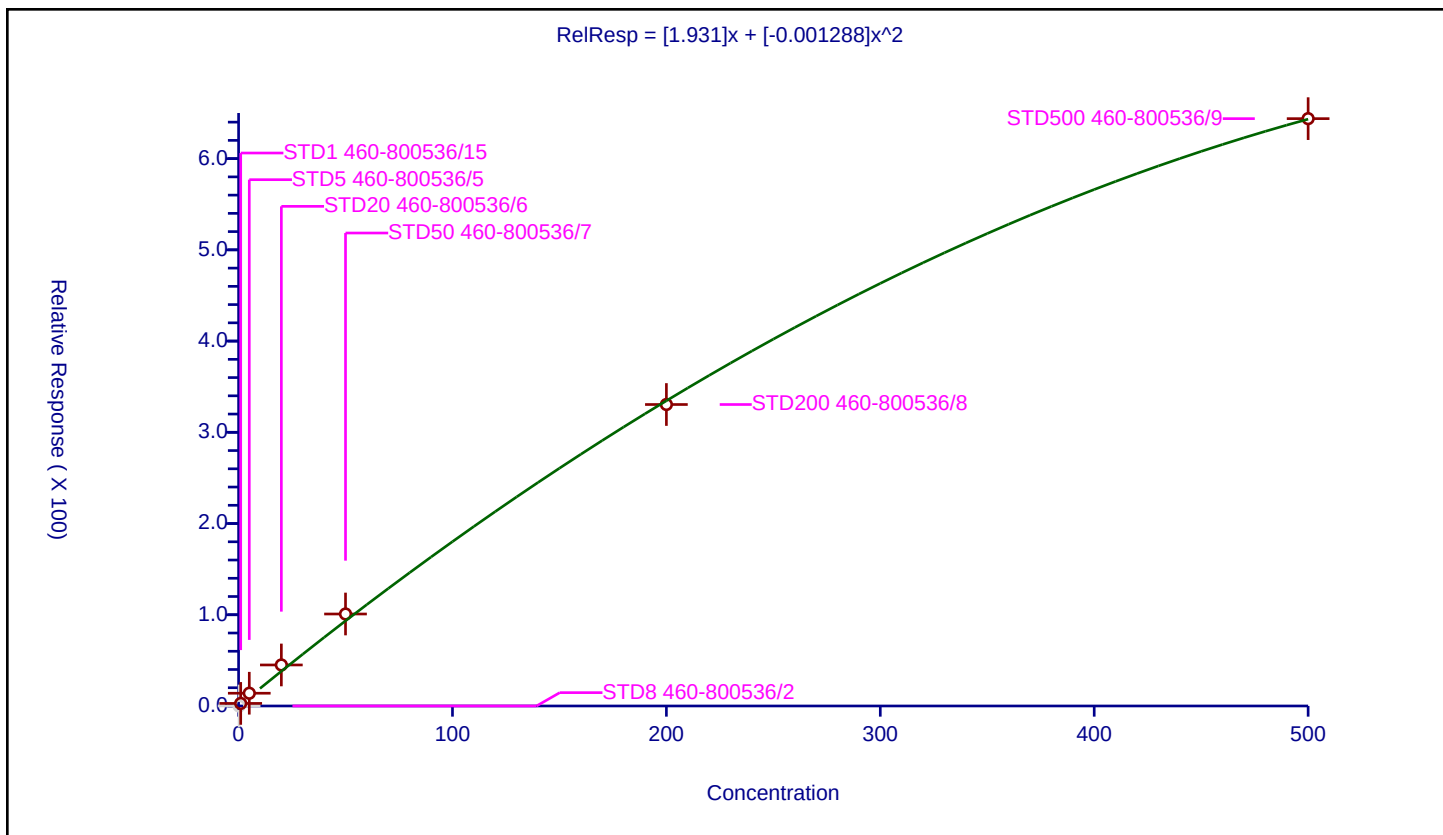
Curve Coefficients

Intercept: 0
 Slope: 1.931
 Second Order: -0.001288

Error Coefficients

Standard Error: 526000
 Relative Standard Error: 33.8
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.25	0.0	250.0	411419.0	0.0	N
2	STD1 460-800536/15	1.0	2.809328	250.0	322853.0	2.809328	Y
3	STD5 460-800536/5	5.0	13.973996	250.0	261271.0	2.794799	Y
4	STD20 460-800536/6	20.0	44.974203	250.0	303713.0	2.24871	Y
5	STD50 460-800536/7	50.0	100.834627	250.0	281503.0	2.016693	Y
6	STD200 460-800536/8	200.0	330.480149	250.0	336729.0	1.652401	Y
7	STD500 460-800536/9	500.0	643.843259	250.0	366988.0	1.287687	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

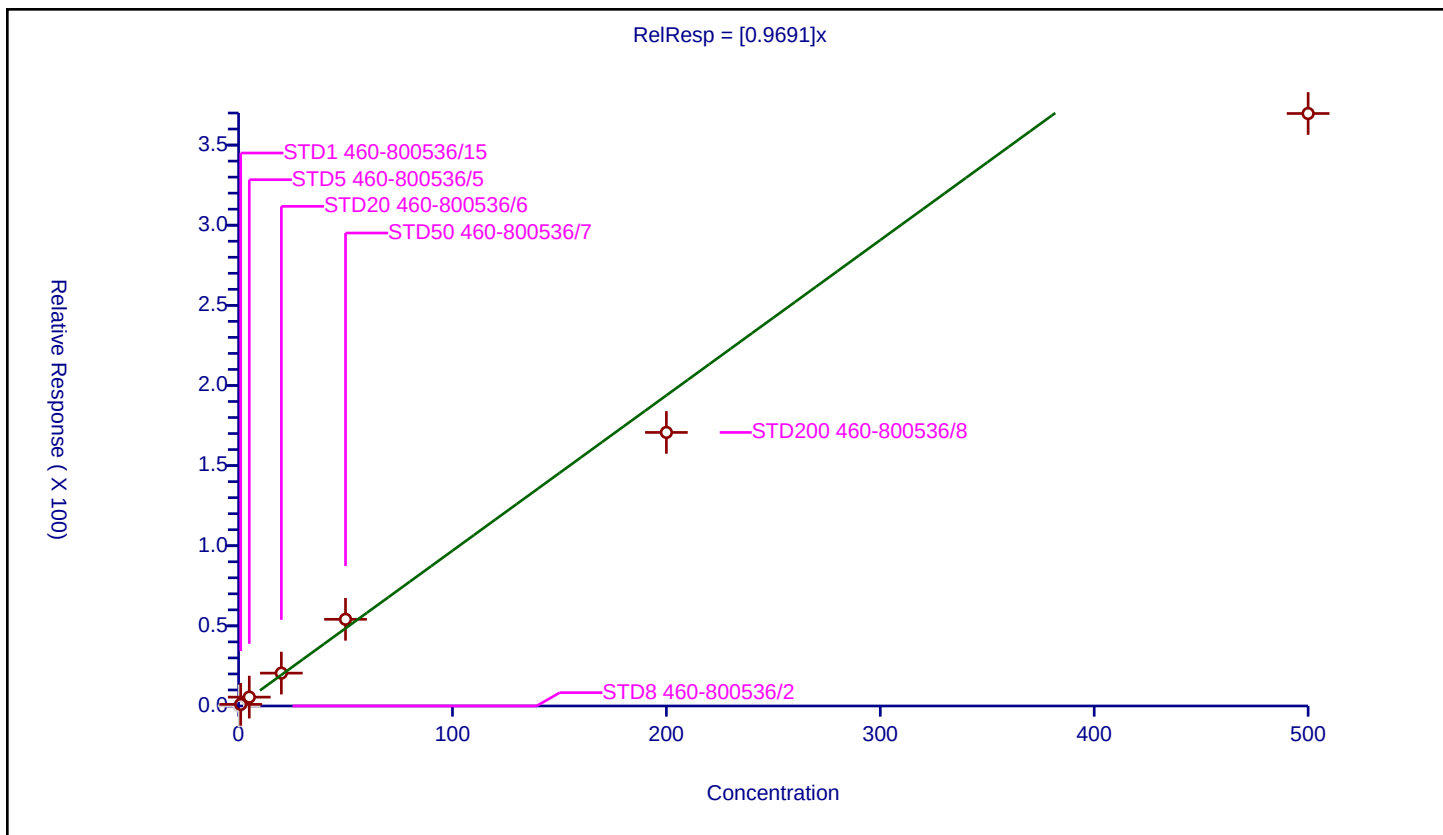
Curve Coefficients

Intercept: 0
 Slope: 0.9691

Error Coefficients

Standard Error: 1680000
 Relative Standard Error: 14.8
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.25	0.0	50.0	671010.0	0.0	N
2	STD1 460-800536/15	1.0	1.009239	50.0	500278.0	1.009239	Y
3	STD5 460-800536/5	5.0	5.52919	50.0	405828.0	1.105838	Y
4	STD20 460-800536/6	20.0	20.50044	50.0	447466.0	1.025022	Y
5	STD50 460-800536/7	50.0	54.084996	50.0	398299.0	1.0817	Y
6	STD200 460-800536/8	200.0	170.687679	50.0	444088.0	0.853438	Y
7	STD500 460-800536/9	500.0	369.700452	50.0	462096.0	0.739401	Y



Calibration

/ Pentane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

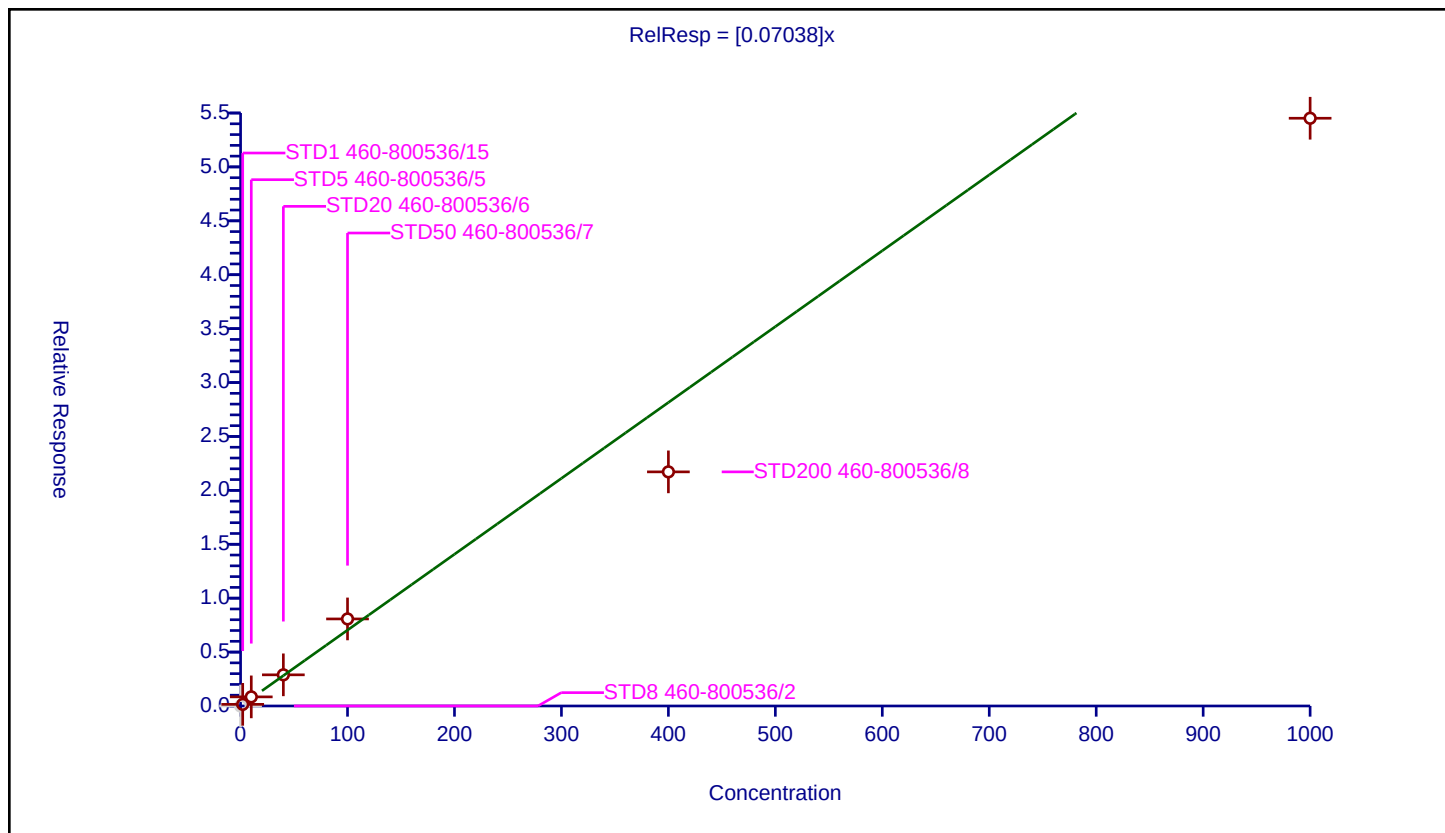
Curve Coefficients

Intercept: 0
 Slope: 0.07038

Error Coefficients

Standard Error: 243000
 Relative Standard Error: 18.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	2.0	0.152115	50.0	500278.0	0.076058	Y
3	STD5 460-800536/5	10.0	0.843954	50.0	405828.0	0.084395	Y
4	STD20 460-800536/6	40.0	2.890722	50.0	447466.0	0.072268	Y
5	STD50 460-800536/7	100.0	8.074211	50.0	398299.0	0.080742	Y
6	STD200 460-800536/8	400.0	21.71439	50.0	444088.0	0.054286	Y
7	STD500 460-800536/9	1000.0	54.516269	50.0	462096.0	0.054516	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

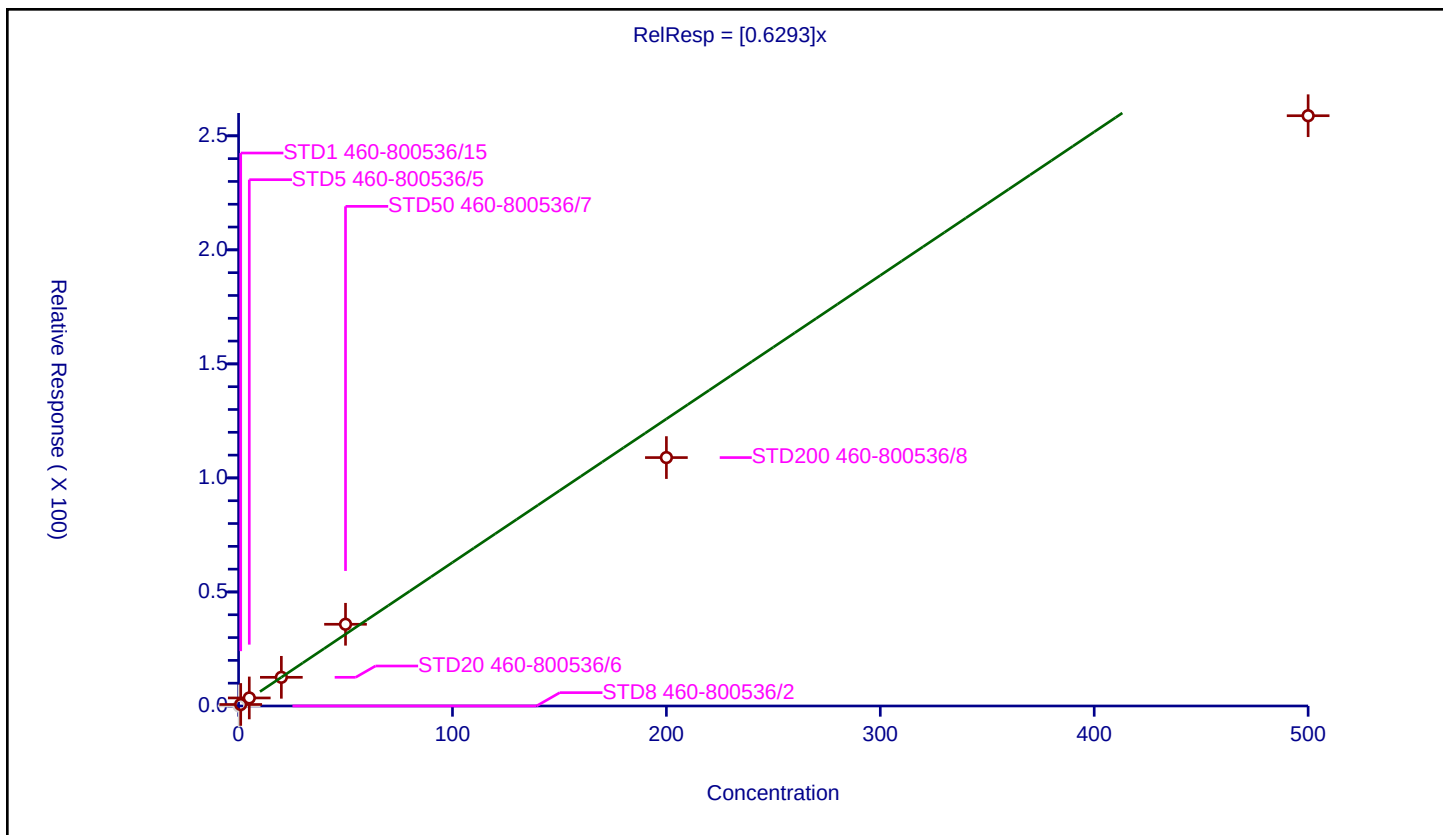
Curve Coefficients

Intercept: 0
 Slope: 0.6293

Error Coefficients

Standard Error: 1160000
 Relative Standard Error: 13.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.25	0.0	50.0	671010.0	0.0	N
2	STD1 460-800536/15	1.0	0.662532	50.0	500278.0	0.662532	Y
3	STD5 460-800536/5	5.0	3.527849	50.0	405828.0	0.70557	Y
4	STD20 460-800536/6	20.0	12.576598	50.0	447466.0	0.62883	Y
5	STD50 460-800536/7	50.0	35.829992	50.0	398299.0	0.7166	Y
6	STD200 460-800536/8	200.0	108.922781	50.0	444088.0	0.544614	Y
7	STD500 460-800536/9	500.0	258.824681	50.0	462096.0	0.517649	Y



Calibration

/ Ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

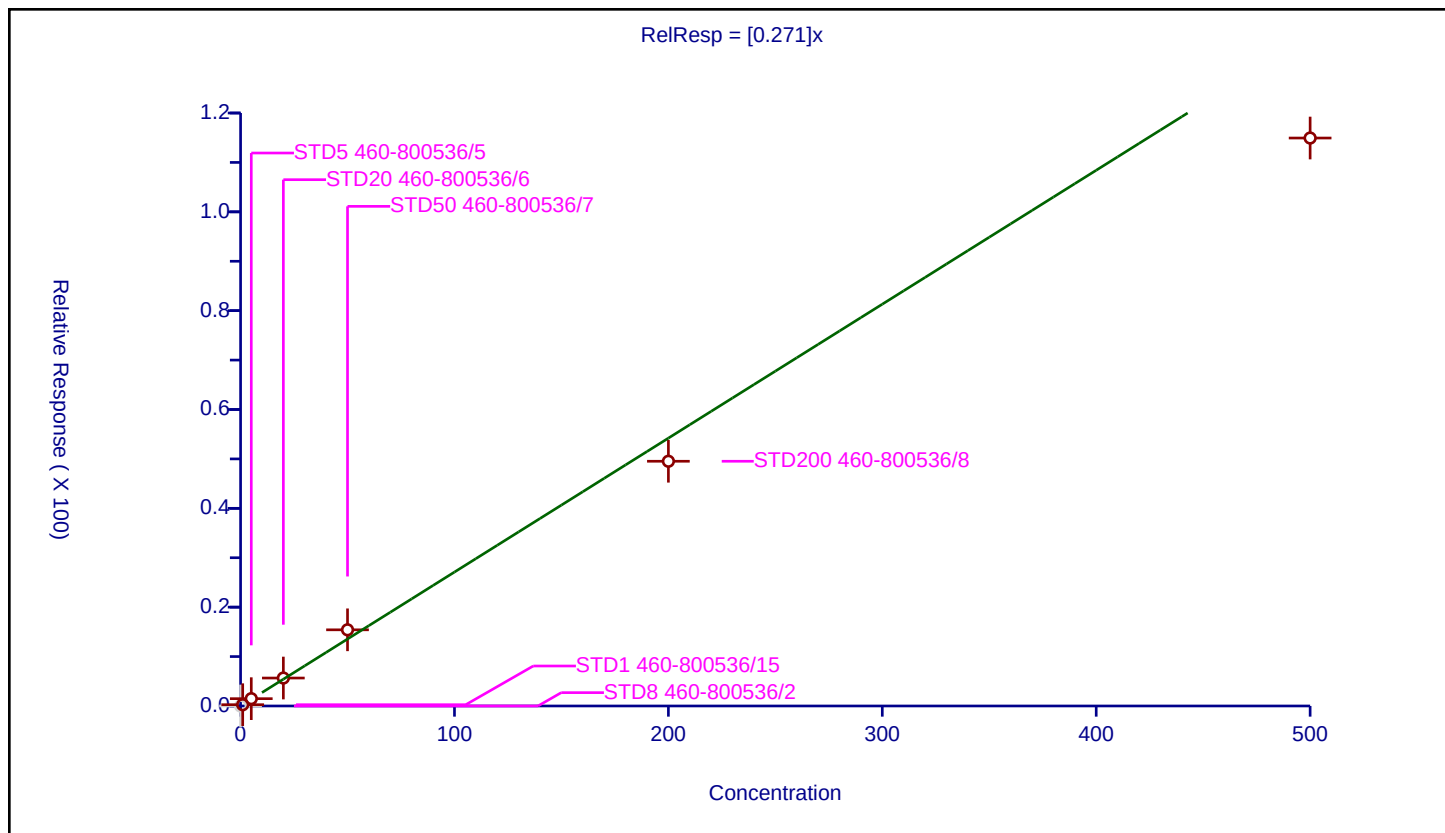
Curve Coefficients

Intercept: 0
 Slope: 0.271

Error Coefficients

Standard Error: 518000
 Relative Standard Error: 11.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.260755	50.0	500278.0	0.260755	Y
3	STD5 460-800536/5	5.0	1.48388	50.0	405828.0	0.296776	Y
4	STD20 460-800536/6	20.0	5.657301	50.0	447466.0	0.282865	Y
5	STD50 460-800536/7	50.0	15.415304	50.0	398299.0	0.308306	Y
6	STD200 460-800536/8	200.0	49.528247	50.0	444088.0	0.247641	Y
7	STD500 460-800536/9	500.0	114.938995	50.0	462096.0	0.229878	Y



Calibration

/ Ethanol

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

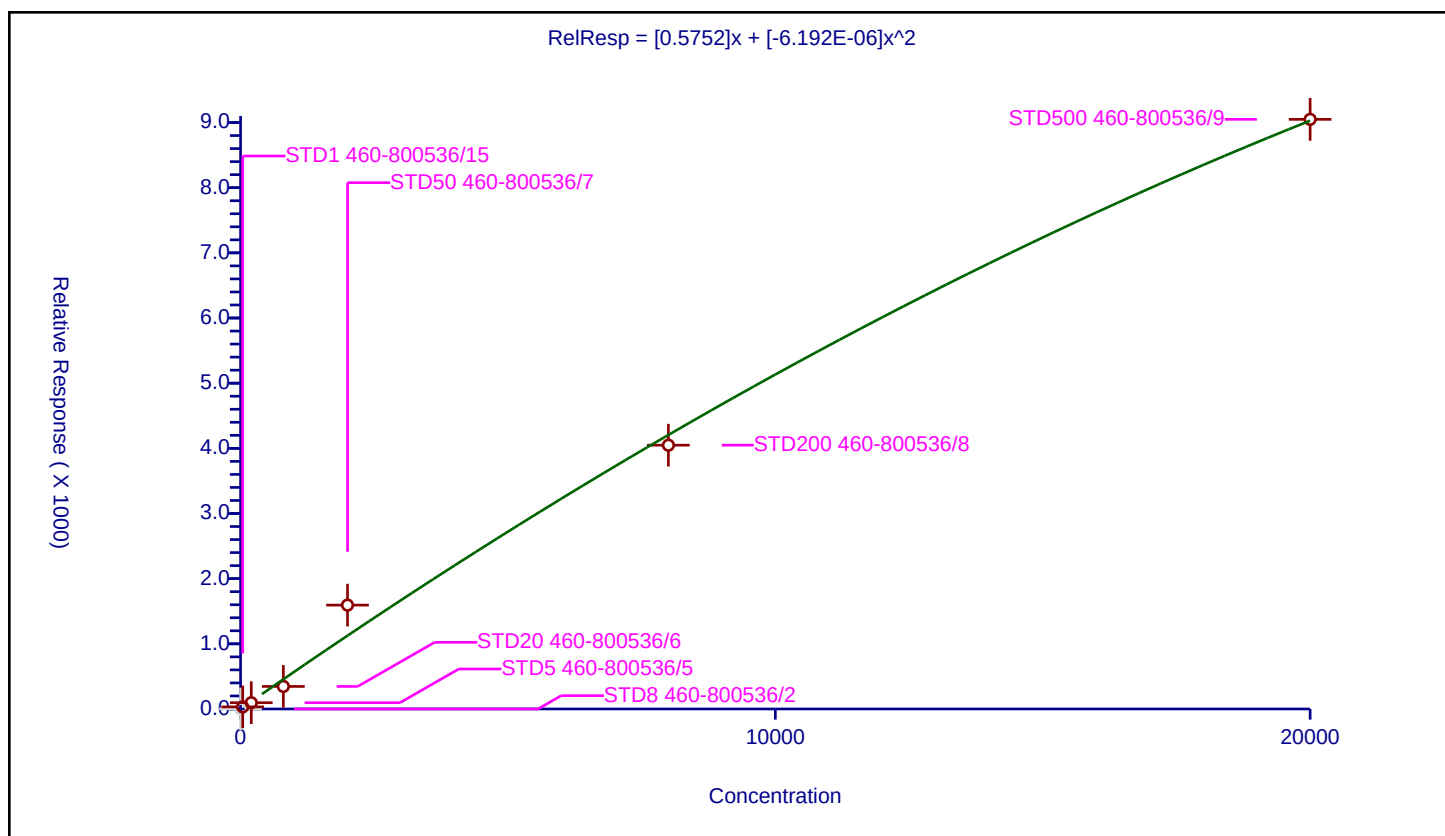
Curve Coefficients

Intercept: 0
 Slope: 0.5752
 Second Order: -6.192E-06

Error Coefficients

Standard Error: 204000
 Relative Standard Error: 33.0
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	1000.0	31619.0	NaN	N
2	STD1 460-800536/15	40.0	32.338486	1000.0	42117.0	0.808462	Y
3	STD5 460-800536/5	200.0	96.321453	1000.0	24439.0	0.481607	Y
4	STD20 460-800536/6	800.0	345.846672	1000.0	29675.0	0.432308	Y
5	STD50 460-800536/7	2000.0	1594.072571	1000.0	28579.0	0.797036	Y
6	STD200 460-800536/8	8000.0	4048.429252	1000.0	39026.0	0.506054	Y
7	STD500 460-800536/9	20000.0	9048.868906	1000.0	42481.0	0.452443	Y



Calibration

/ 2-Methyl-1,3-butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

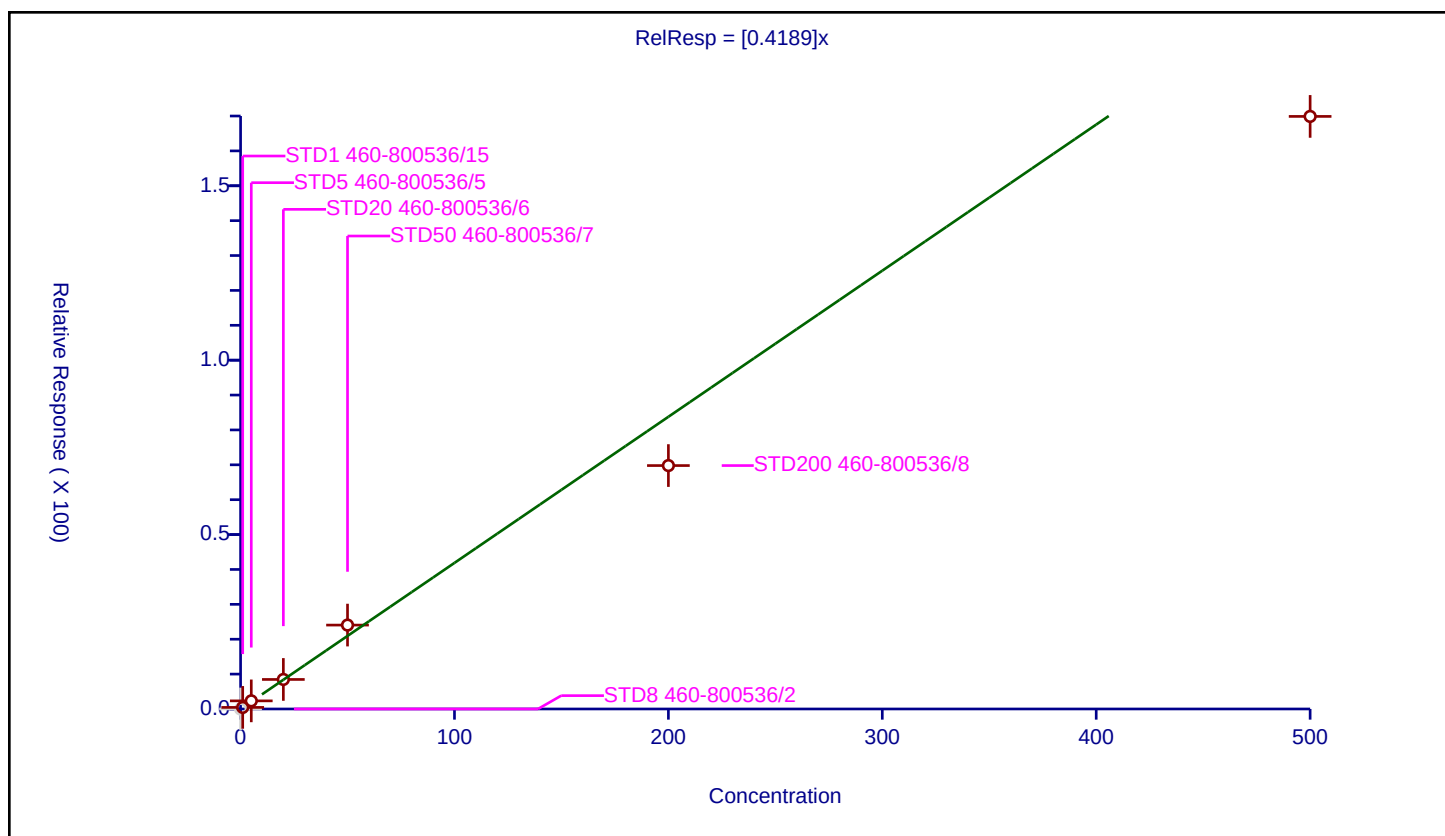
Curve Coefficients

Intercept: 0
 Slope: 0.4189

Error Coefficients

Standard Error: 760000
 Relative Standard Error: 14.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.453748	50.0	500278.0	0.453748	Y
3	STD5 460-800536/5	5.0	2.331283	50.0	405828.0	0.466257	Y
4	STD20 460-800536/6	20.0	8.467459	50.0	447466.0	0.423373	Y
5	STD50 460-800536/7	50.0	24.054919	50.0	398299.0	0.481098	Y
6	STD200 460-800536/8	200.0	69.785606	50.0	444088.0	0.348928	Y
7	STD500 460-800536/9	500.0	169.887642	50.0	462096.0	0.339775	Y



Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

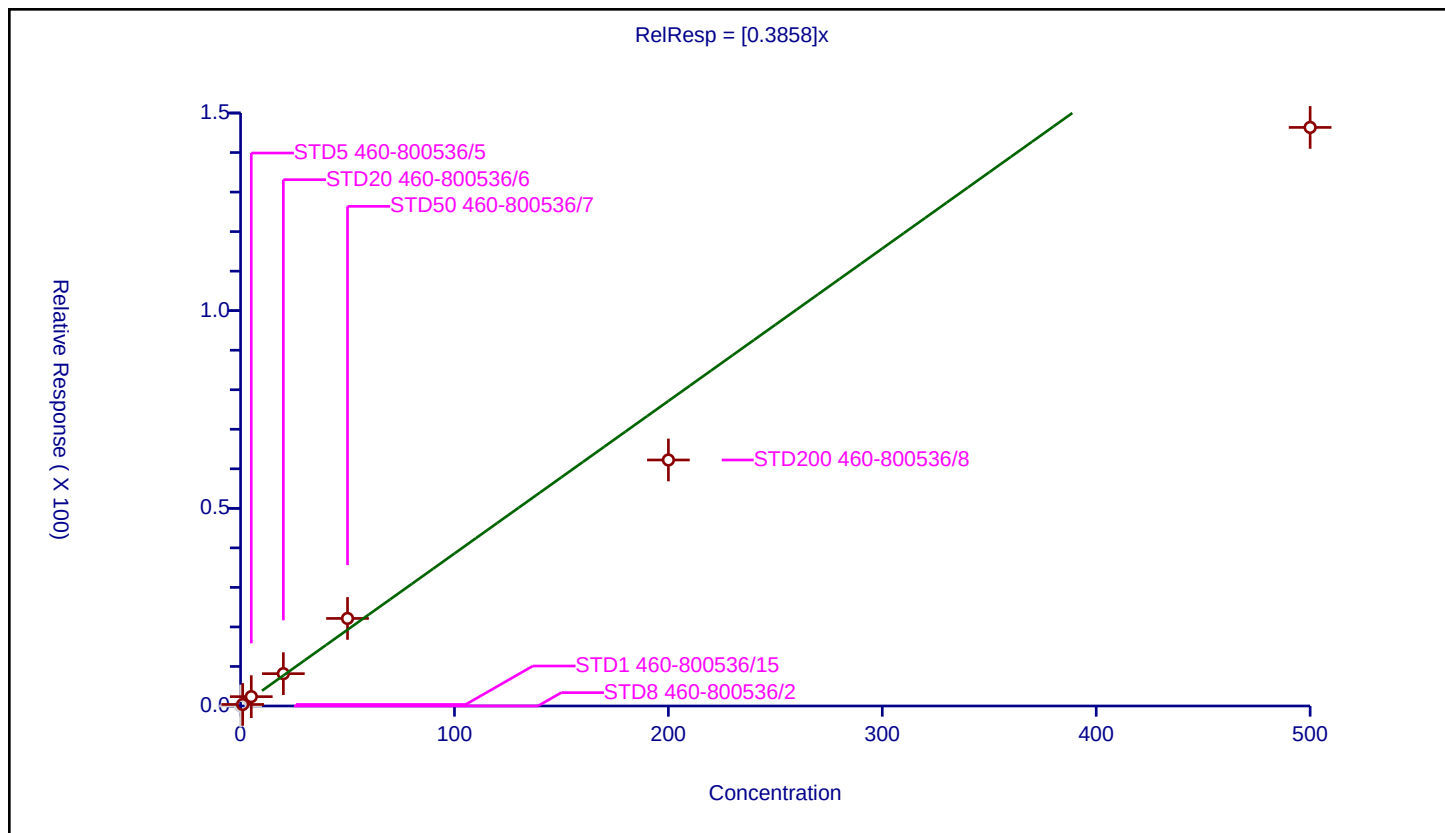
Curve Coefficients

Intercept: 0
 Slope: 0.3858

Error Coefficients

Standard Error: 659000
 Relative Standard Error: 18.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.385486	50.0	500278.0	0.385486	Y
3	STD5 460-800536/5	5.0	2.367013	50.0	405828.0	0.473403	Y
4	STD20 460-800536/6	20.0	8.176264	50.0	447466.0	0.408813	Y
5	STD50 460-800536/7	50.0	22.148311	50.0	398299.0	0.442966	Y
6	STD200 460-800536/8	200.0	62.233724	50.0	444088.0	0.311169	Y
7	STD500 460-800536/9	500.0	146.35606	50.0	462096.0	0.292712	Y



Calibration

/ 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

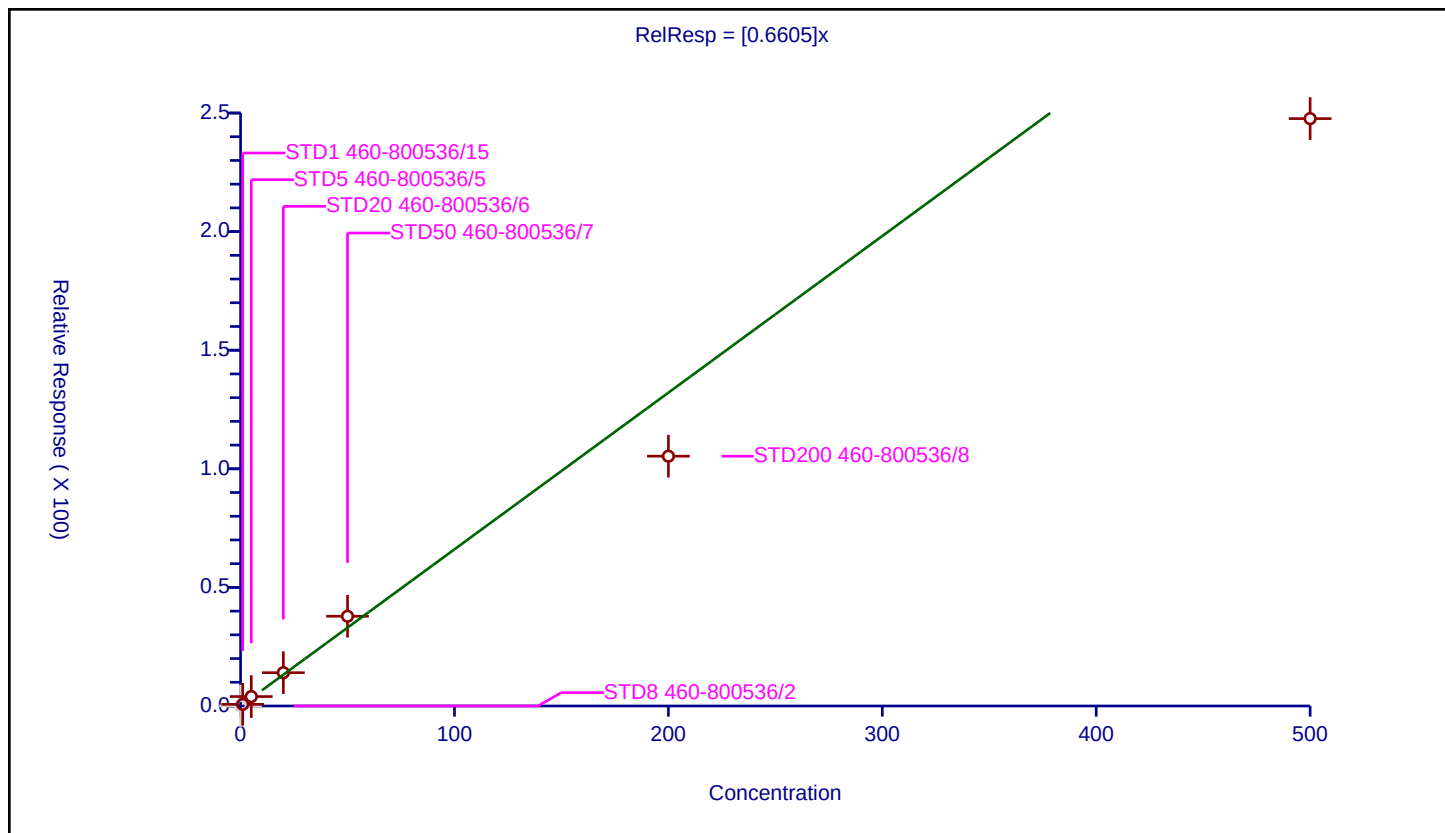
Curve Coefficients

Intercept: 0
 Slope: 0.6605

Error Coefficients

Standard Error: 1120000
 Relative Standard Error: 18.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.687718	50.0	500278.0	0.687718	Y
3	STD5 460-800536/5	5.0	3.971757	50.0	405828.0	0.794351	Y
4	STD20 460-800536/6	20.0	14.041402	50.0	447466.0	0.70207	Y
5	STD50 460-800536/7	50.0	37.840416	50.0	398299.0	0.756808	Y
6	STD200 460-800536/8	200.0	105.3146	50.0	444088.0	0.526573	Y
7	STD500 460-800536/9	500.0	247.64378	50.0	462096.0	0.495288	Y



Calibration

/ Acrolein

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

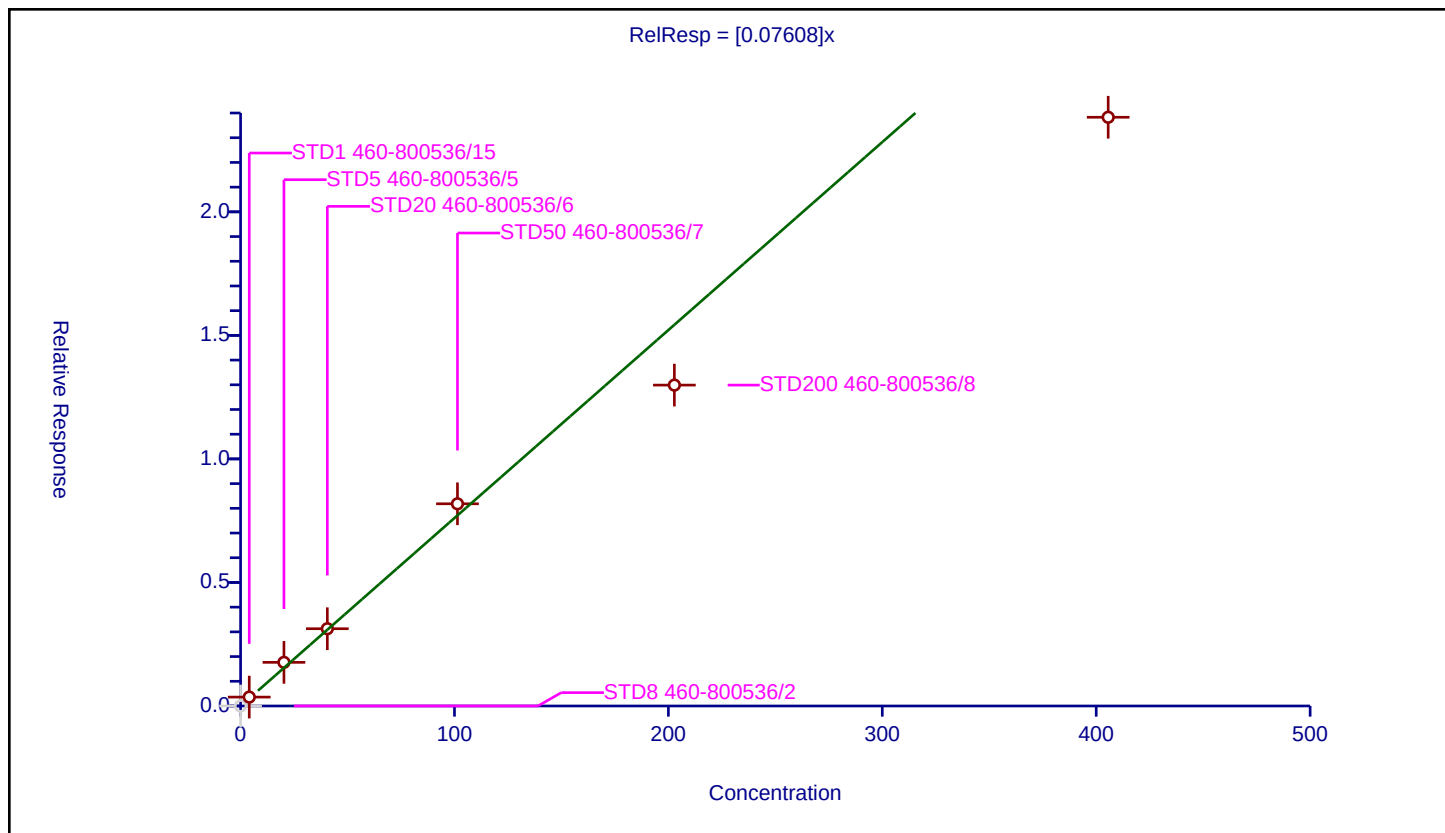
Curve Coefficients

Intercept: 0
 Slope: 0.07608

Error Coefficients

Standard Error: 116000
 Relative Standard Error: 16.1
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	4.056	0.36	50.0	500278.0	0.088757	Y
3	STD5 460-800536/5	20.28	1.766758	50.0	405828.0	0.087118	Y
4	STD20 460-800536/6	40.56	3.127165	50.0	447466.0	0.0771	Y
5	STD50 460-800536/7	101.4	8.183299	50.0	398299.0	0.080703	Y
6	STD200 460-800536/8	202.8	12.987403	50.0	444088.0	0.06404	Y
7	STD500 460-800536/9	405.6	23.828166	50.0	462096.0	0.058748	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

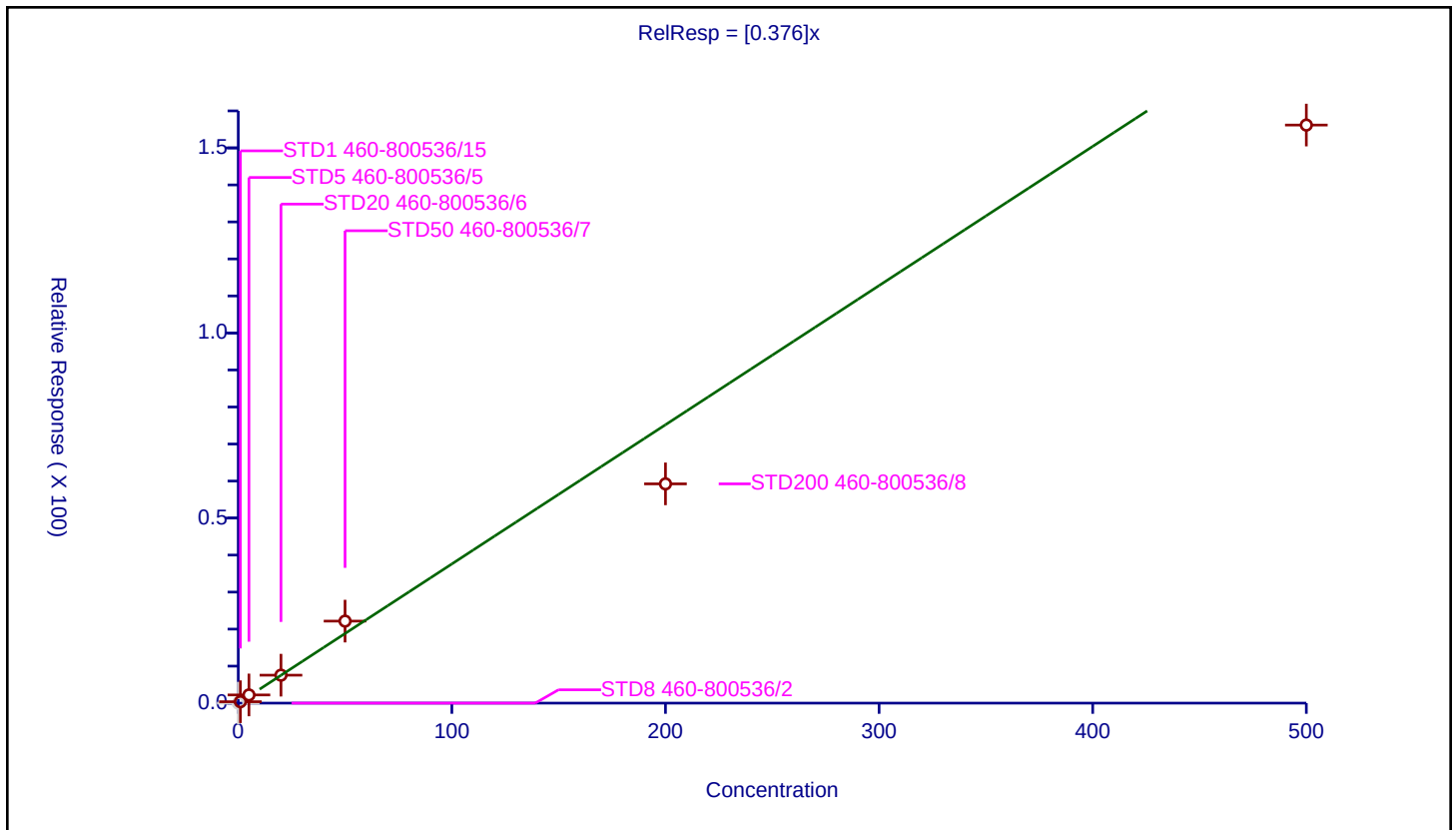
Curve Coefficients

Intercept: 0
 Slope: 0.376

Error Coefficients

Standard Error: 692000
 Relative Standard Error: 16.6
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.384786	50.0	500278.0	0.384786	Y
3	STD5 460-800536/5	5.0	2.21005	50.0	405828.0	0.44201	Y
4	STD20 460-800536/6	20.0	7.553311	50.0	447466.0	0.377666	Y
5	STD50 460-800536/7	50.0	22.158353	50.0	398299.0	0.443167	Y
6	STD200 460-800536/8	200.0	59.23353	50.0	444088.0	0.296168	Y
7	STD500 460-800536/9	500.0	156.170796	50.0	462096.0	0.312342	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

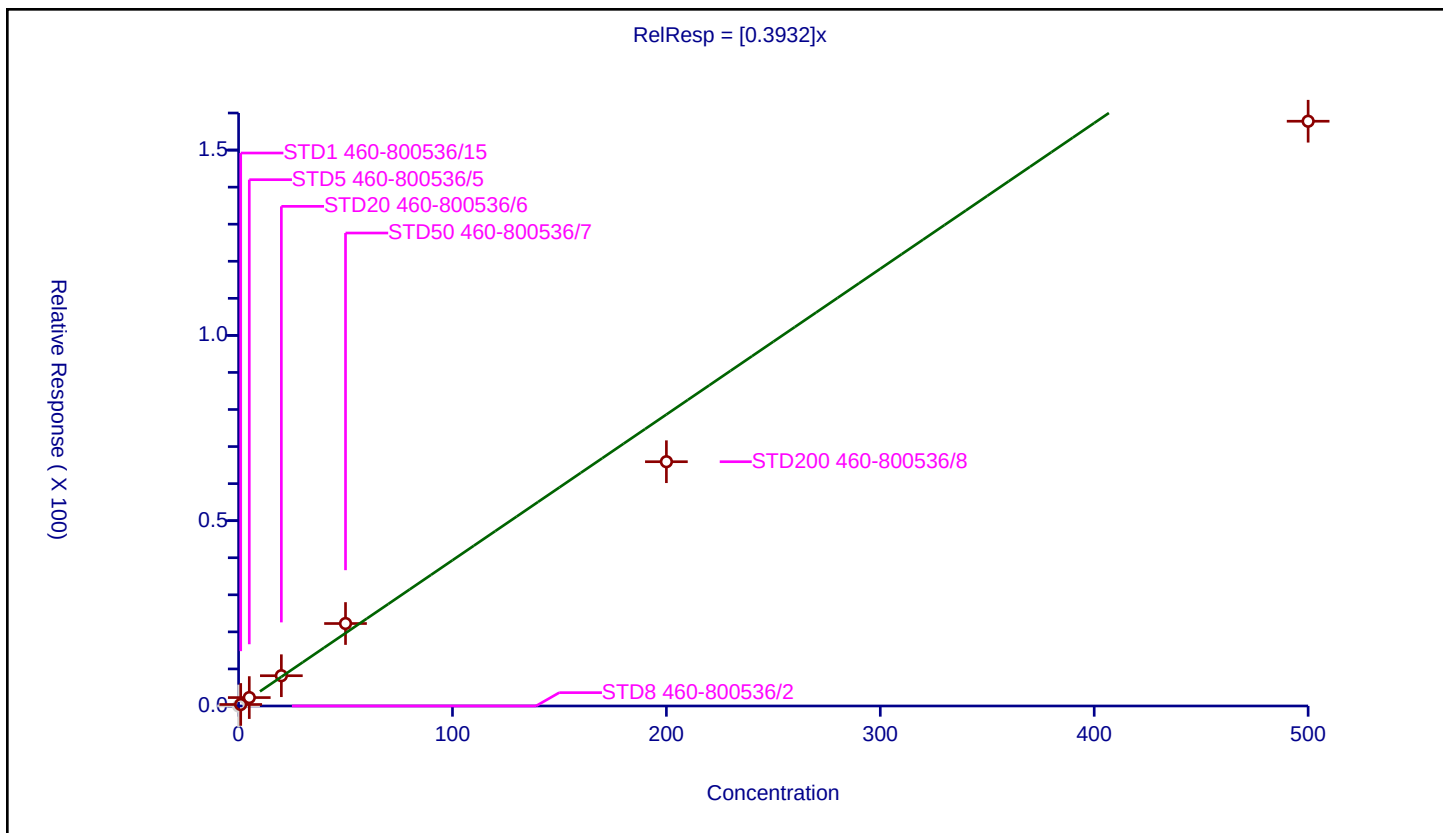
Curve Coefficients

Intercept: 0
 Slope: 0.3932

Error Coefficients

Standard Error: 708000
 Relative Standard Error: 14.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.406474	50.0	500278.0	0.406474	Y
3	STD5 460-800536/5	5.0	2.271036	50.0	405828.0	0.454207	Y
4	STD20 460-800536/6	20.0	8.171571	50.0	447466.0	0.408579	Y
5	STD50 460-800536/7	50.0	22.254889	50.0	398299.0	0.445098	Y
6	STD200 460-800536/8	200.0	65.913513	50.0	444088.0	0.329568	Y
7	STD500 460-800536/9	500.0	157.781825	50.0	462096.0	0.315564	Y



Calibration

/ Acetone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

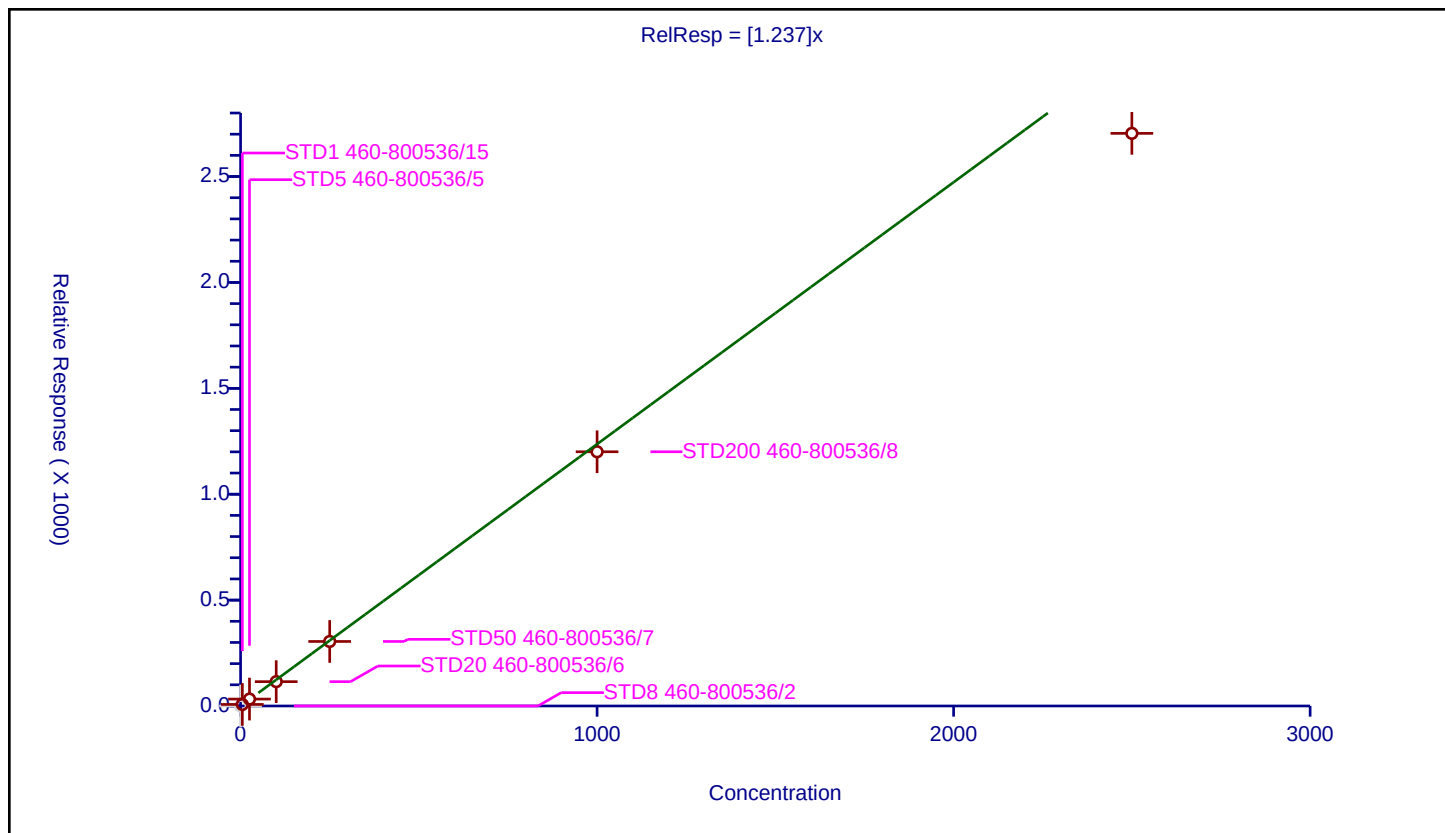
Curve Coefficients

Intercept: 0
 Slope: 1.237

Error Coefficients

Standard Error: 1920000
 Relative Standard Error: 10.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	250.0	411419.0	NaN	N
2	STD1 460-800536/15	5.0	7.305182	250.0	322853.0	1.461036	Y
3	STD5 460-800536/5	25.0	32.724642	250.0	261271.0	1.308986	Y
4	STD20 460-800536/6	100.0	114.847735	250.0	303713.0	1.148477	Y
5	STD50 460-800536/7	250.0	304.682366	250.0	281503.0	1.218729	Y
6	STD200 460-800536/8	1000.0	1200.437147	250.0	336729.0	1.200437	Y
7	STD500 460-800536/9	2500.0	2703.926968	250.0	366988.0	1.081571	Y



Calibration

/ Iodomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

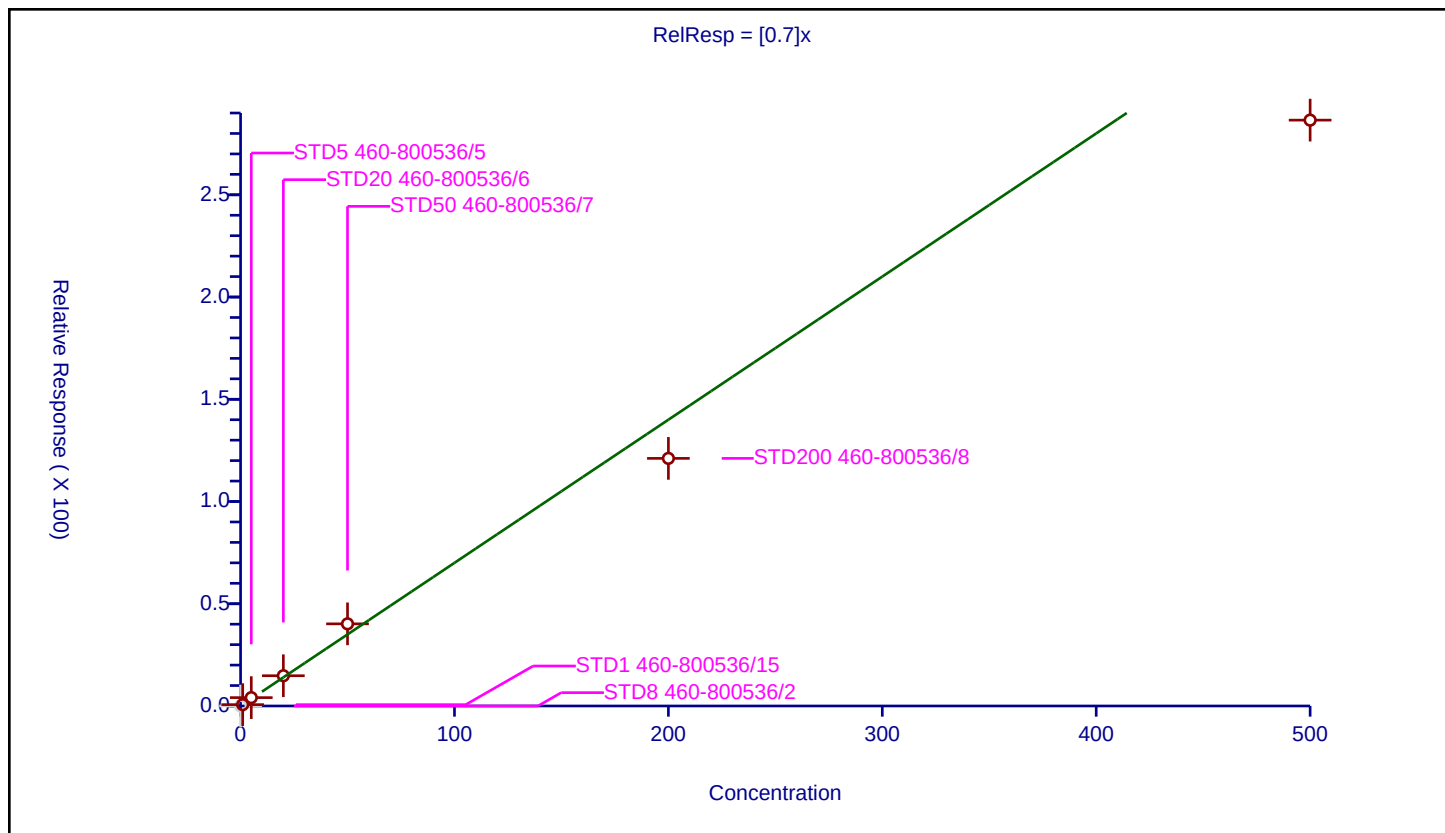
Curve Coefficients

Intercept: 0
 Slope: 0.7

Error Coefficients

Standard Error: 1290000
 Relative Standard Error: 14.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.661332	50.0	500278.0	0.661332	Y
3	STD5 460-800536/5	5.0	4.084366	50.0	405828.0	0.816873	Y
4	STD20 460-800536/6	20.0	14.798219	50.0	447466.0	0.739911	Y
5	STD50 460-800536/7	50.0	40.173839	50.0	398299.0	0.803477	Y
6	STD200 460-800536/8	200.0	121.098634	50.0	444088.0	0.605493	Y
7	STD500 460-800536/9	500.0	286.518278	50.0	462096.0	0.573037	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

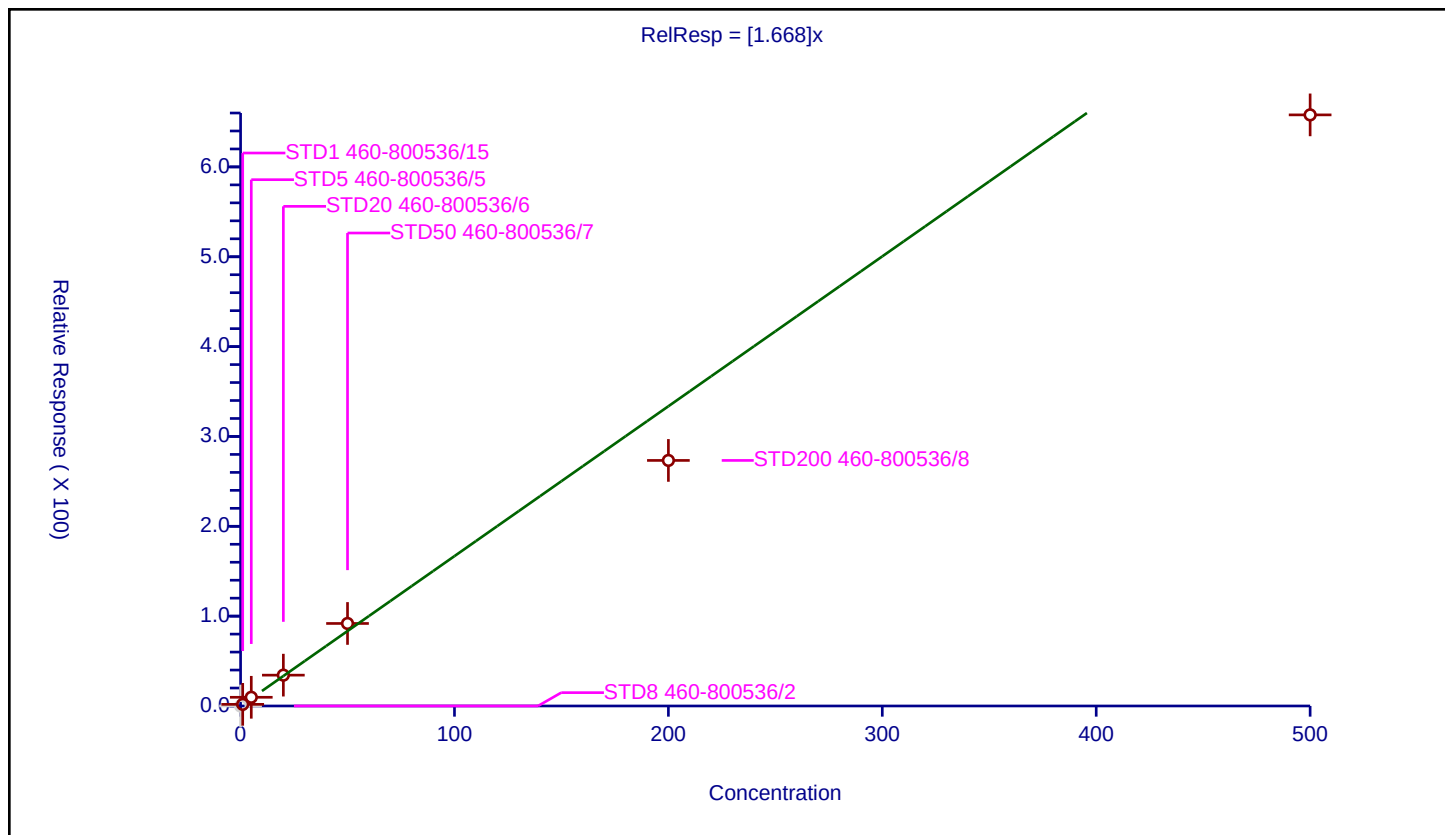
Curve Coefficients

Intercept: 0
 Slope: 1.668

Error Coefficients

Standard Error: 2950000
 Relative Standard Error: 15.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	1.832681	50.0	500278.0	1.832681	Y
3	STD5 460-800536/5	5.0	9.703002	50.0	405828.0	1.9406	Y
4	STD20 460-800536/6	20.0	34.324396	50.0	447466.0	1.71622	Y
5	STD50 460-800536/7	50.0	91.849841	50.0	398299.0	1.836997	Y
6	STD200 460-800536/8	200.0	273.327921	50.0	444088.0	1.36664	Y
7	STD500 460-800536/9	500.0	657.908097	50.0	462096.0	1.315816	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

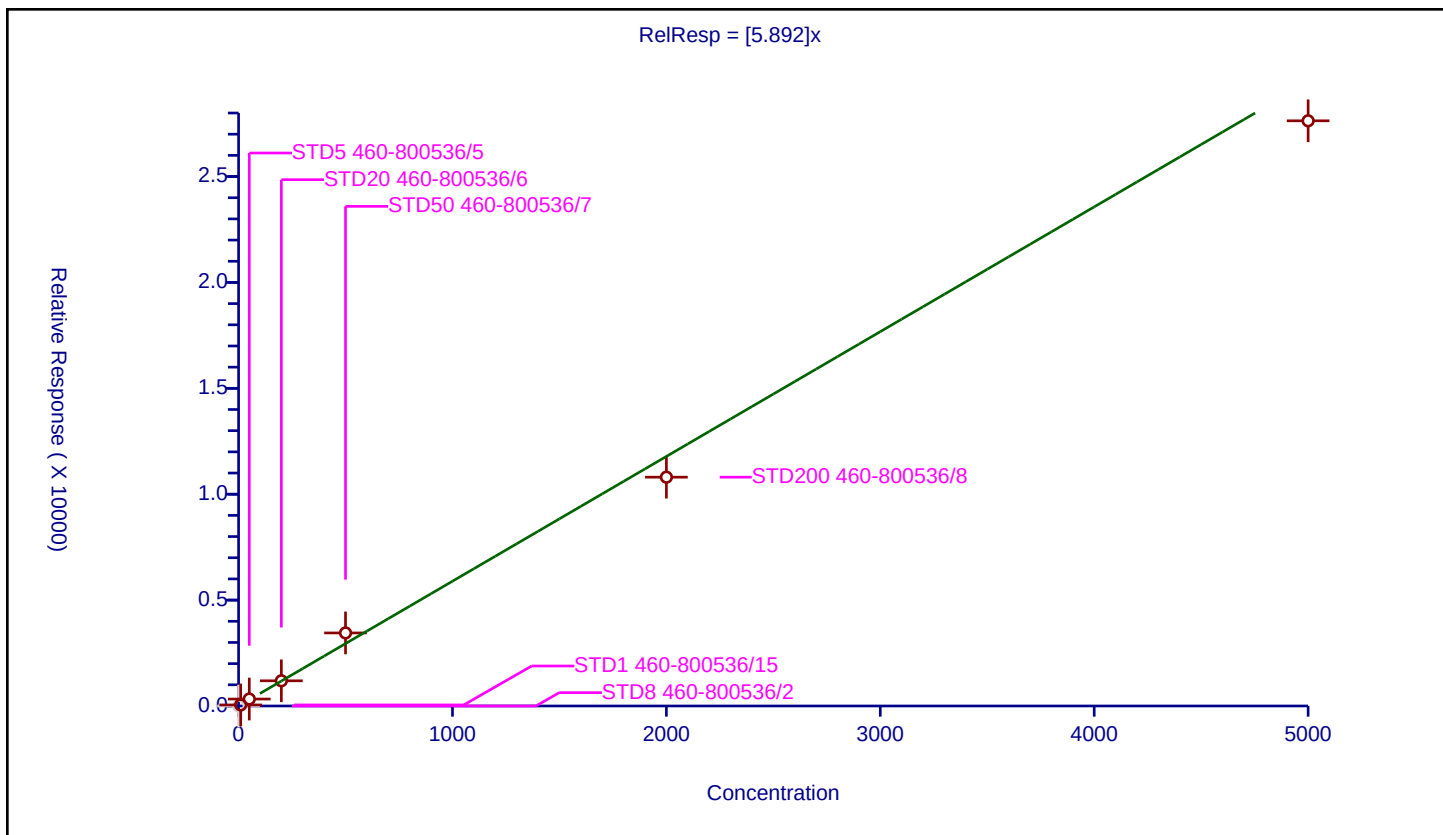
Curve Coefficients

Intercept: 0
 Slope: 5.892

Error Coefficients

Standard Error: 546000
 Relative Standard Error: 12.3
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	1000.0	31619.0	NaN	N
2	STD1 460-800536/15	10.0	50.098535	1000.0	42117.0	5.009854	Y
3	STD5 460-800536/5	50.0	328.204918	1000.0	24439.0	6.564098	Y
4	STD20 460-800536/6	200.0	1189.856782	1000.0	29675.0	5.949284	Y
5	STD50 460-800536/7	500.0	3450.015746	1000.0	28579.0	6.900031	Y
6	STD200 460-800536/8	2000.0	10803.951212	1000.0	39026.0	5.401976	Y
7	STD500 460-800536/9	5000.0	27631.953108	1000.0	42481.0	5.526391	Y



Calibration

/ 3-Chloro-1-propene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

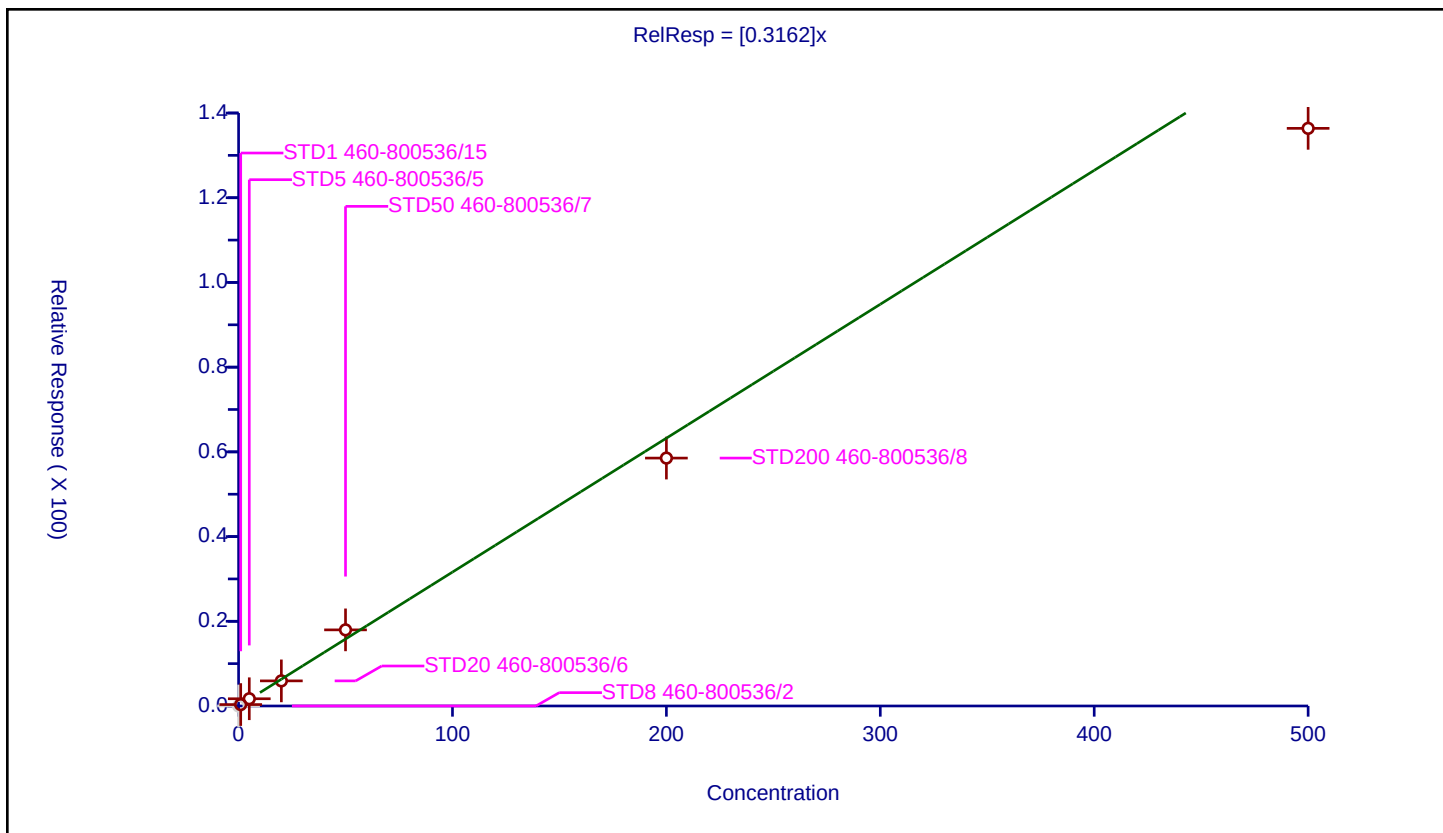
Curve Coefficients

Intercept: 0
 Slope: 0.3162

Error Coefficients

Standard Error: 613000
 Relative Standard Error: 10.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.333714	50.0	500278.0	0.333714	Y
3	STD5 460-800536/5	5.0	1.710577	50.0	405828.0	0.342115	Y
4	STD20 460-800536/6	20.0	5.926707	50.0	447466.0	0.296335	Y
5	STD50 460-800536/7	50.0	17.969038	50.0	398299.0	0.359381	Y
6	STD200 460-800536/8	200.0	58.532318	50.0	444088.0	0.292662	Y
7	STD500 460-800536/9	500.0	136.377939	50.0	462096.0	0.272756	Y



Calibration

/ Cyclopentene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

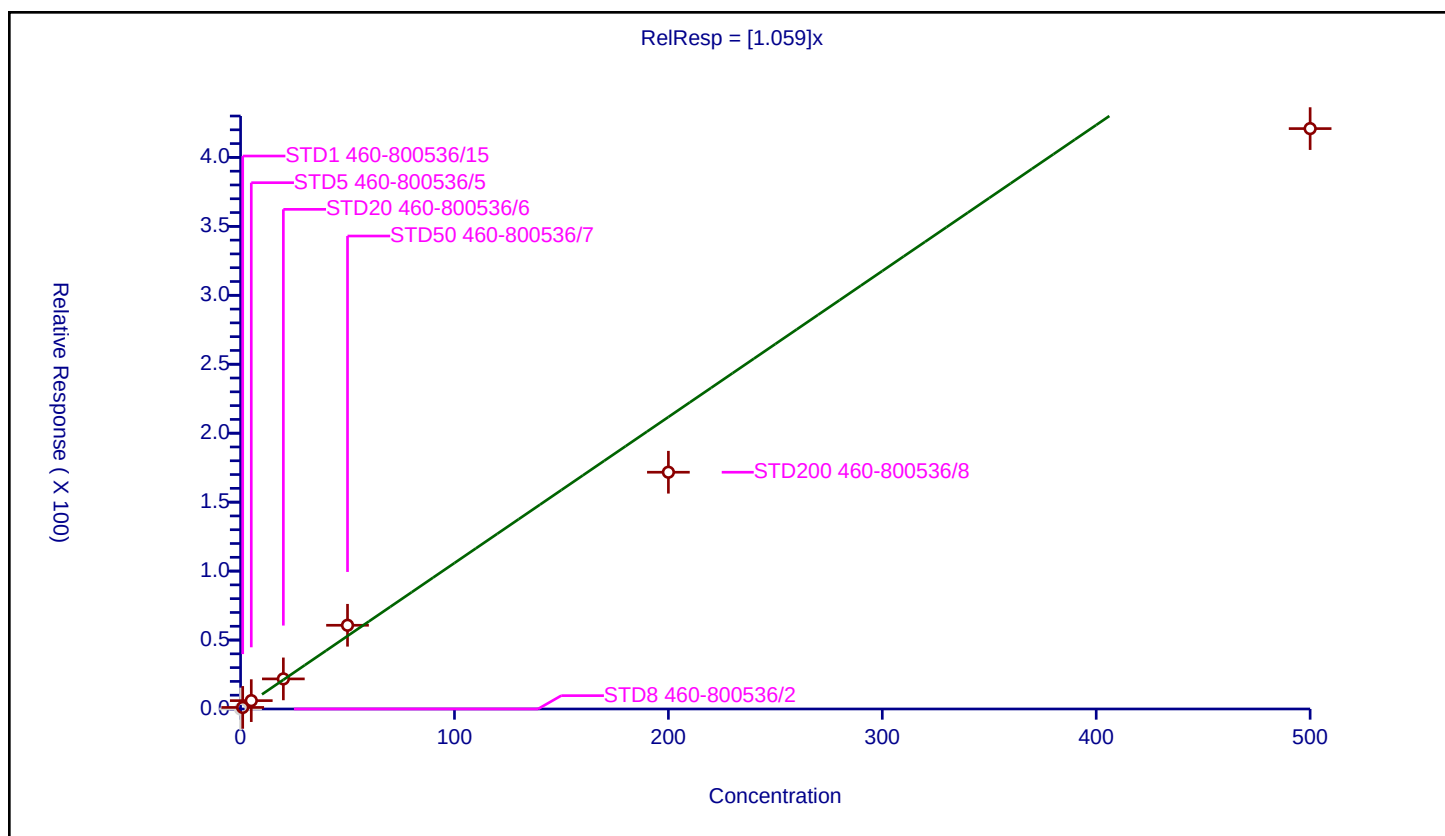
Curve Coefficients

Intercept: 0
 Slope: 1.059

Error Coefficients

Standard Error: 1880000
 Relative Standard Error: 15.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	1.135868	50.0	500278.0	1.135868	Y
3	STD5 460-800536/5	5.0	6.055151	50.0	405828.0	1.21103	Y
4	STD20 460-800536/6	20.0	21.820652	50.0	447466.0	1.091033	Y
5	STD50 460-800536/7	50.0	60.712806	50.0	398299.0	1.214256	Y
6	STD200 460-800536/8	200.0	171.683653	50.0	444088.0	0.858418	Y
7	STD500 460-800536/9	500.0	420.863522	50.0	462096.0	0.841727	Y



Calibration

/ Methyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

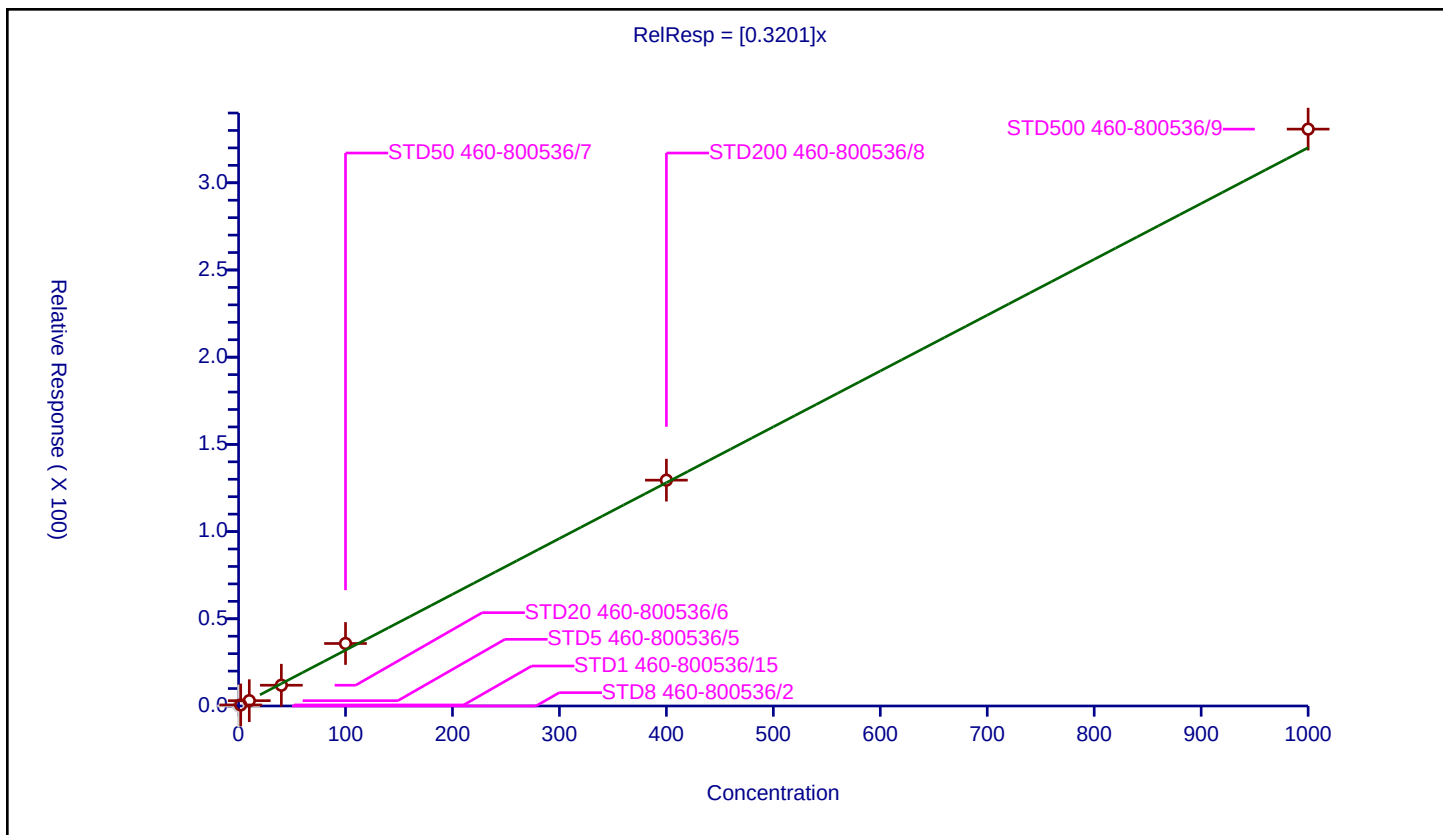
Curve Coefficients

Intercept: 0
 Slope: 0.3201

Error Coefficients

Standard Error: 1470000
 Relative Standard Error: 7.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	2.0	0.610061	50.0	500278.0	0.30503	Y
3	STD5 460-800536/5	10.0	3.053387	50.0	405828.0	0.305339	Y
4	STD20 460-800536/6	40.0	11.902133	50.0	447466.0	0.297553	Y
5	STD50 460-800536/7	100.0	35.836143	50.0	398299.0	0.358361	Y
6	STD200 460-800536/8	400.0	129.483909	50.0	444088.0	0.32371	Y
7	STD500 460-800536/9	1000.0	330.757245	50.0	462096.0	0.330757	Y



Calibration

/ Acetonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

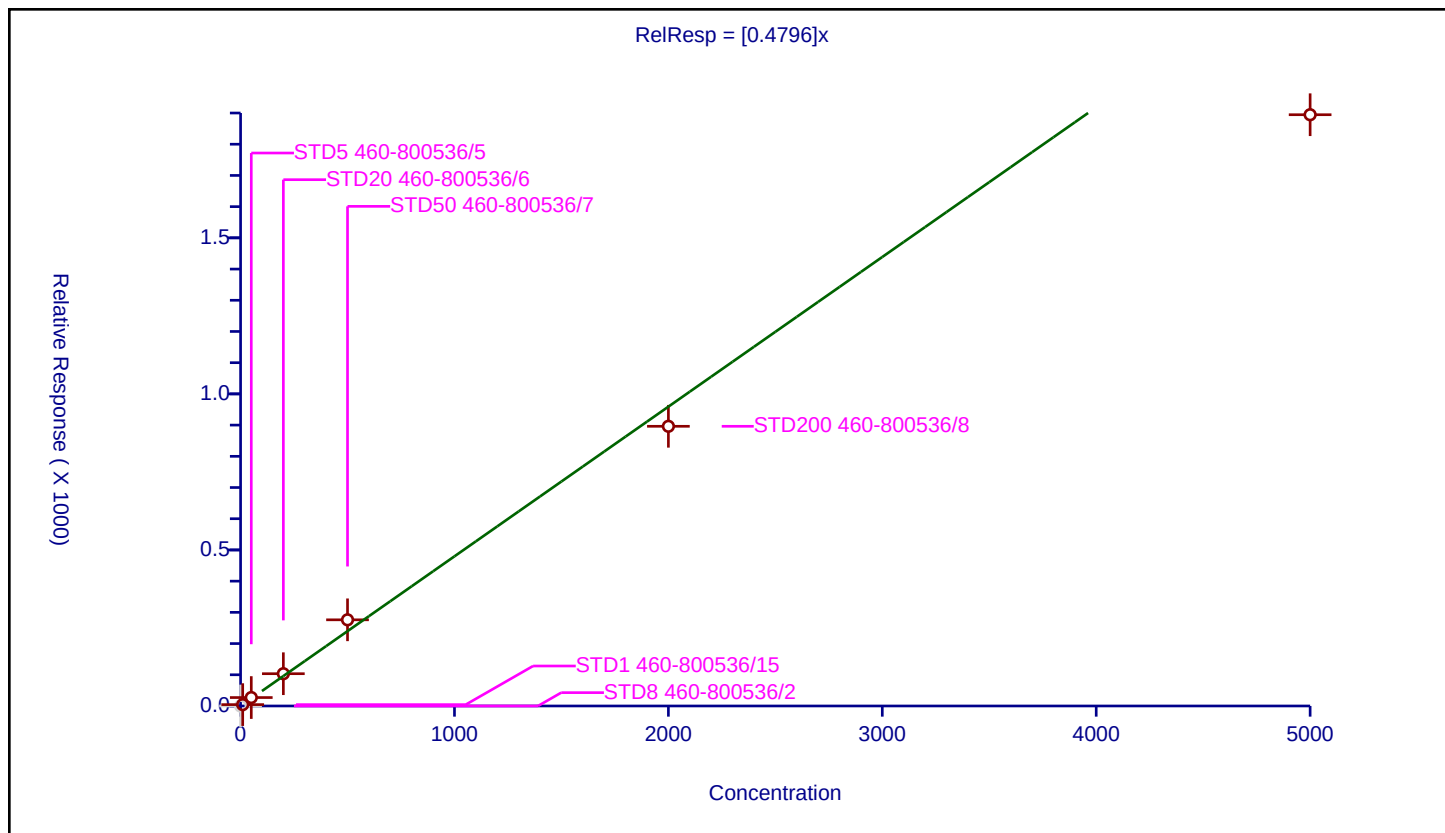
Curve Coefficients

Intercept: 0
Slope: 0.4796

Error Coefficients

Standard Error: 1360000
Relative Standard Error: 14.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	250.0	411419.0	NaN	N
2	STD1 460-800536/15	10.0	4.397512	250.0	322853.0	0.439751	Y
3	STD5 460-800536/5	50.0	27.060983	250.0	261271.0	0.54122	Y
4	STD20 460-800536/6	200.0	103.438114	250.0	303713.0	0.517191	Y
5	STD50 460-800536/7	500.0	276.081427	250.0	281503.0	0.552163	Y
6	STD200 460-800536/8	2000.0	896.21476	250.0	336729.0	0.448107	Y
7	STD500 460-800536/9	5000.0	1894.491101	250.0	366988.0	0.378898	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

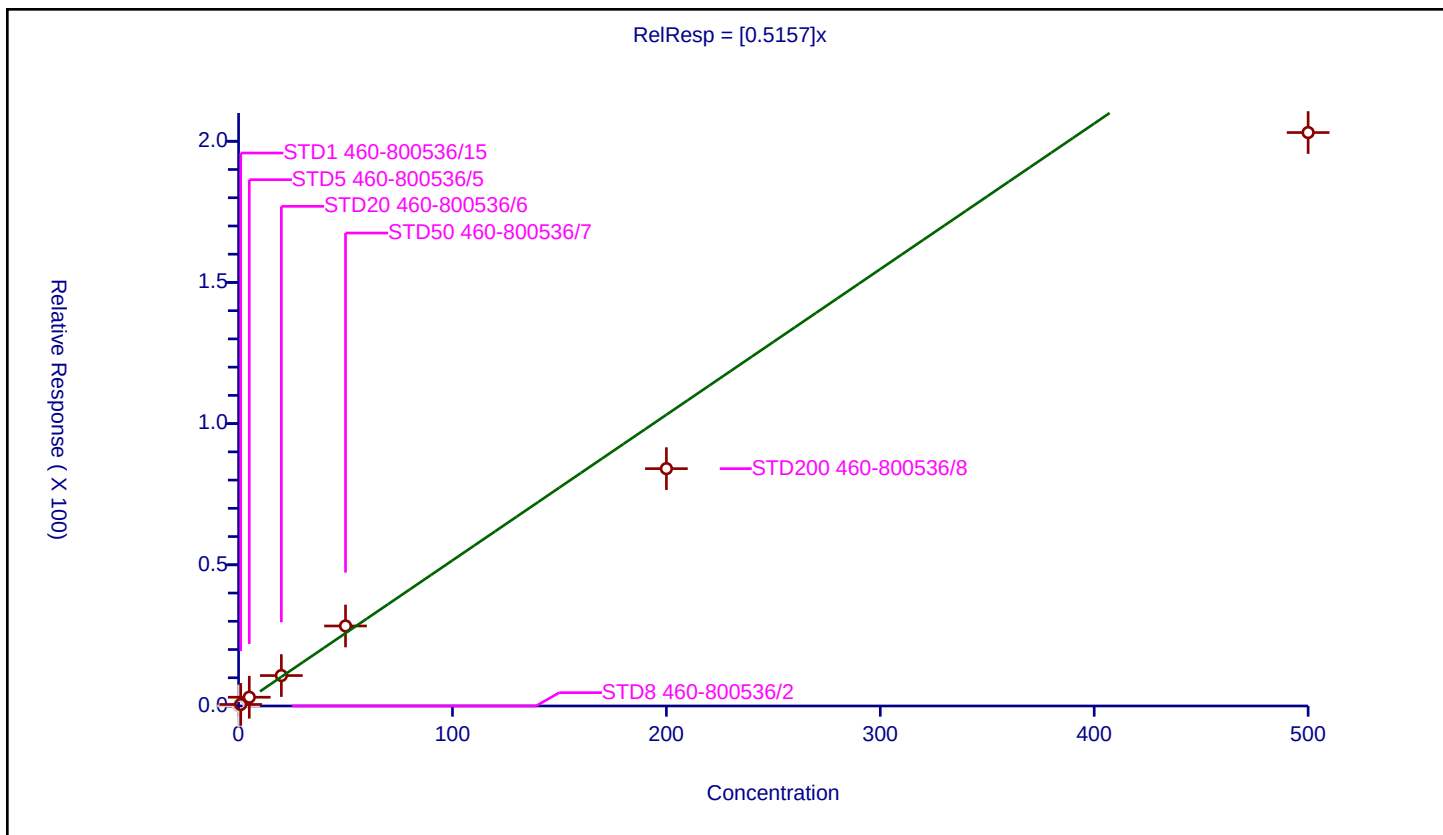
Curve Coefficients

Intercept: 0
 Slope: 0.5157

Error Coefficients

Standard Error: 910000
 Relative Standard Error: 16.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.541999	50.0	500278.0	0.541999	Y
3	STD5 460-800536/5	5.0	3.099466	50.0	405828.0	0.619893	Y
4	STD20 460-800536/6	20.0	10.781825	50.0	447466.0	0.539091	Y
5	STD50 460-800536/7	50.0	28.34102	50.0	398299.0	0.56682	Y
6	STD200 460-800536/8	200.0	84.05271	50.0	444088.0	0.420264	Y
7	STD500 460-800536/9	500.0	203.082476	50.0	462096.0	0.406165	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

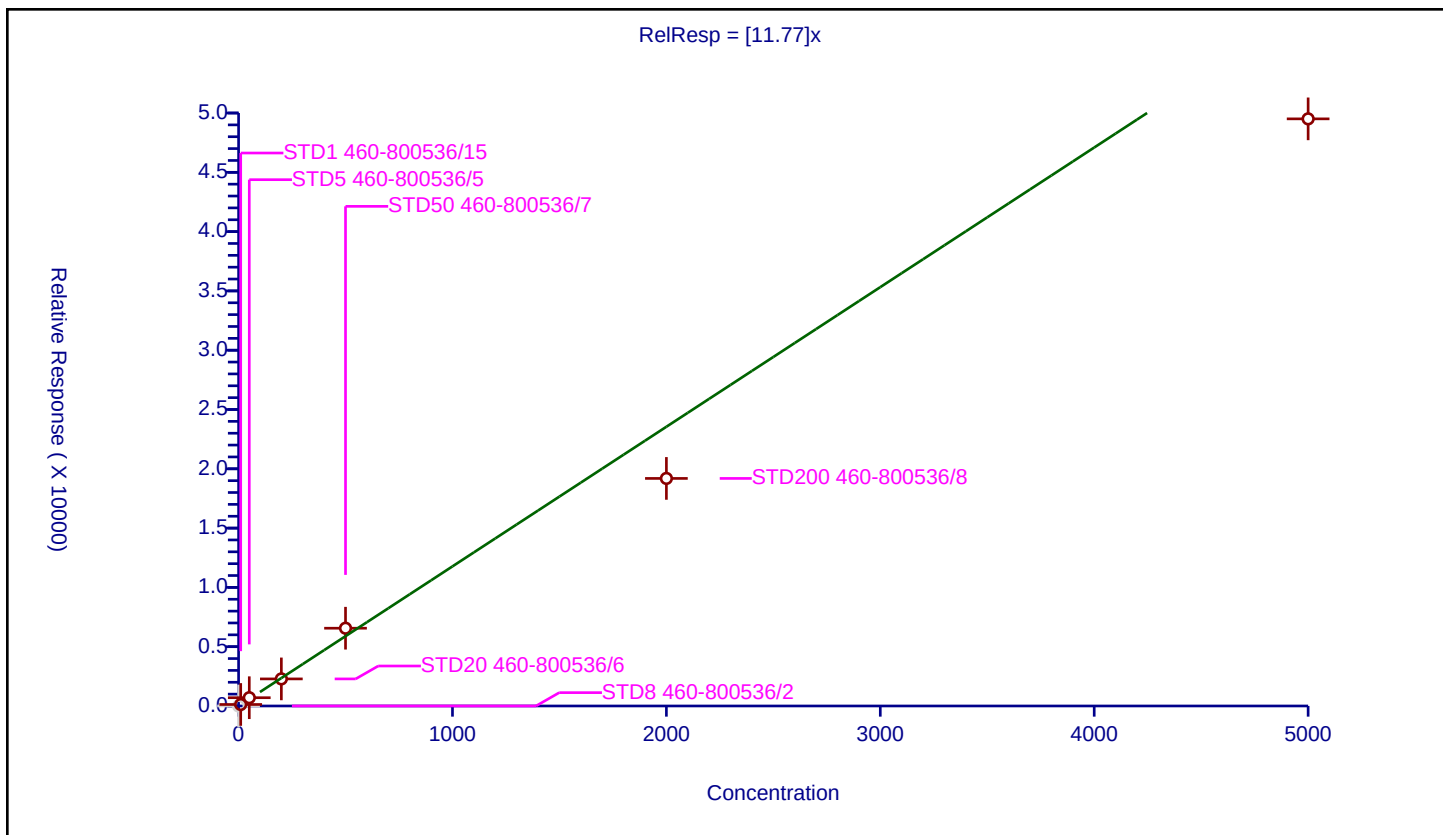
Curve Coefficients

Intercept: 0
Slope: 11.77

Error Coefficients

Standard Error: 974000
Relative Standard Error: 15.0
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	1000.0	31619.0	NaN	N
2	STD1 460-800536/15	10.0	126.552224	1000.0	42117.0	12.655222	Y
3	STD5 460-800536/5	50.0	697.409878	1000.0	24439.0	13.948198	Y
4	STD20 460-800536/6	200.0	2284.01011	1000.0	29675.0	11.420051	Y
5	STD50 460-800536/7	500.0	6557.227335	1000.0	28579.0	13.114455	Y
6	STD200 460-800536/8	2000.0	19189.002204	1000.0	39026.0	9.594501	Y
7	STD500 460-800536/9	5000.0	49508.321367	1000.0	42481.0	9.901664	Y



Calibration

/ Methyl tert-butyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

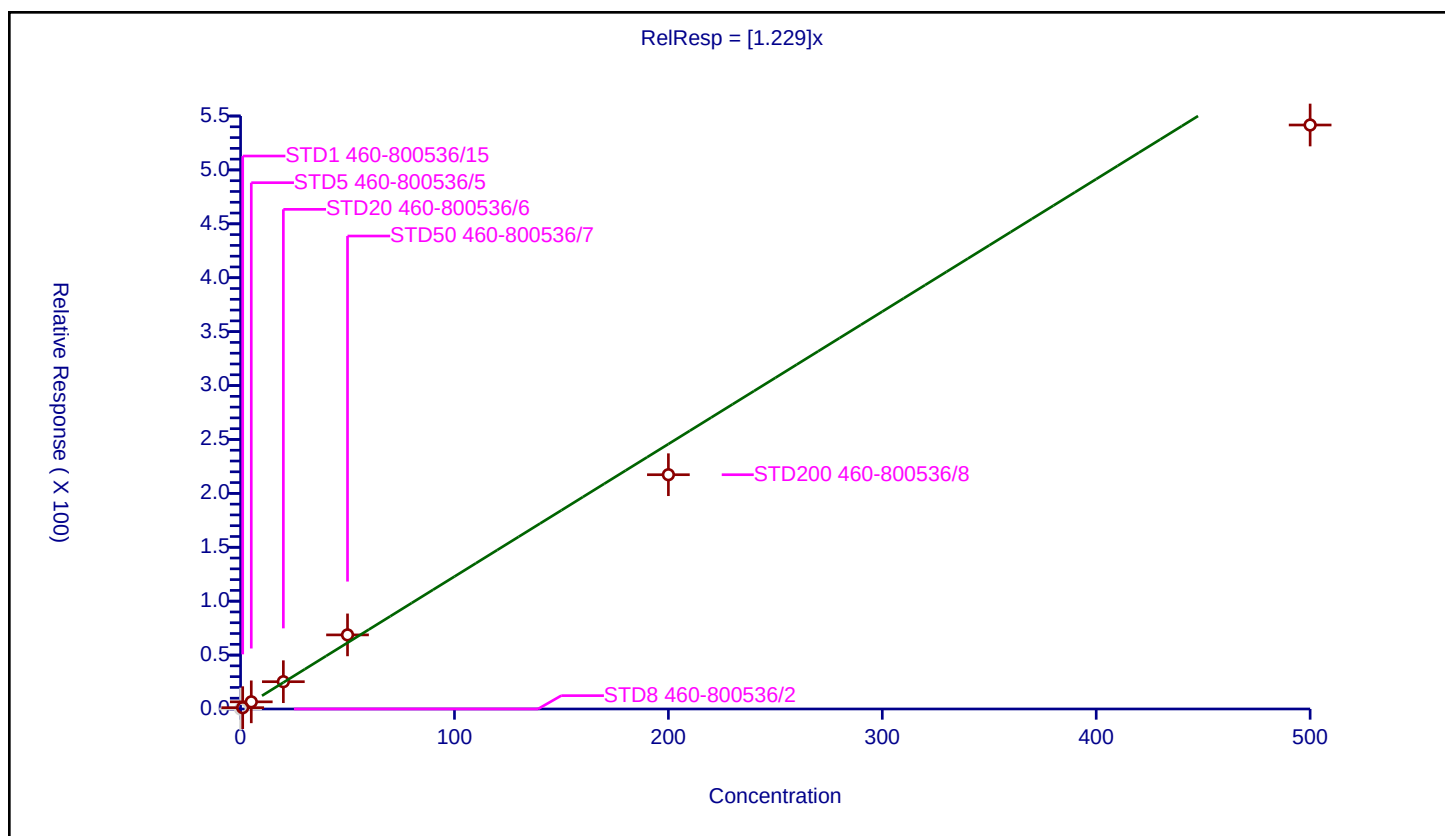
Curve Coefficients

Intercept: 0
Slope: 1.229

Error Coefficients

Standard Error: 2410000
Relative Standard Error: 9.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	1.234314	50.0	500278.0	1.234314	Y
3	STD5 460-800536/5	5.0	6.6421	50.0	405828.0	1.32842	Y
4	STD20 460-800536/6	20.0	25.307845	50.0	447466.0	1.265392	Y
5	STD50 460-800536/7	50.0	68.728895	50.0	398299.0	1.374578	Y
6	STD200 460-800536/8	200.0	217.30952	50.0	444088.0	1.086548	Y
7	STD500 460-800536/9	500.0	541.66764	50.0	462096.0	1.083335	Y



Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

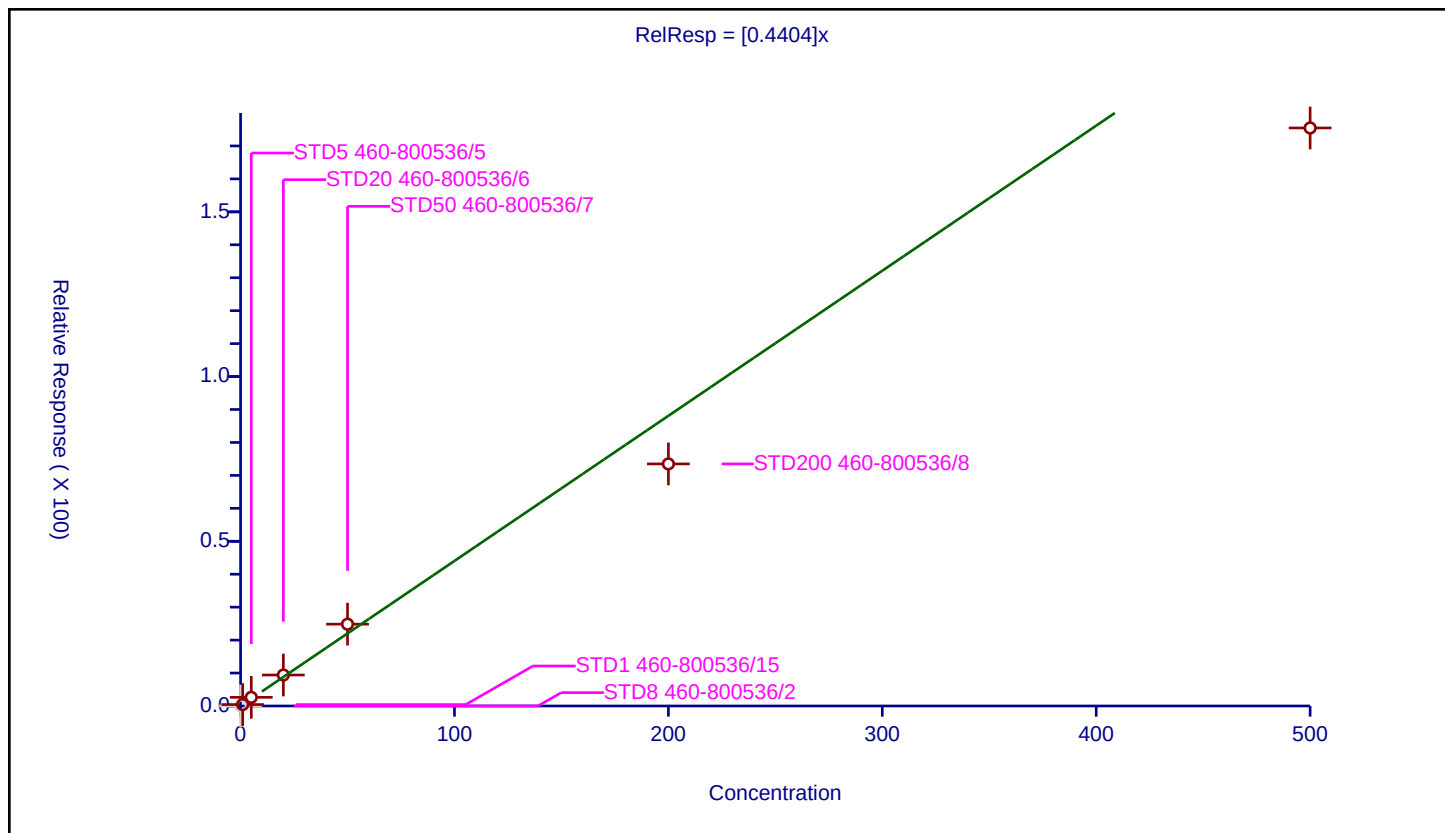
Curve Coefficients

Intercept: 0
 Slope: 0.4404

Error Coefficients

Standard Error: 788000
 Relative Standard Error: 15.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.43236	50.0	500278.0	0.43236	Y
3	STD5 460-800536/5	5.0	2.624018	50.0	405828.0	0.524804	Y
4	STD20 460-800536/6	20.0	9.40239	50.0	447466.0	0.47012	Y
5	STD50 460-800536/7	50.0	24.84076	50.0	398299.0	0.496815	Y
6	STD200 460-800536/8	200.0	73.483746	50.0	444088.0	0.367419	Y
7	STD500 460-800536/9	500.0	175.462242	50.0	462096.0	0.350924	Y



Calibration

/ Acrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

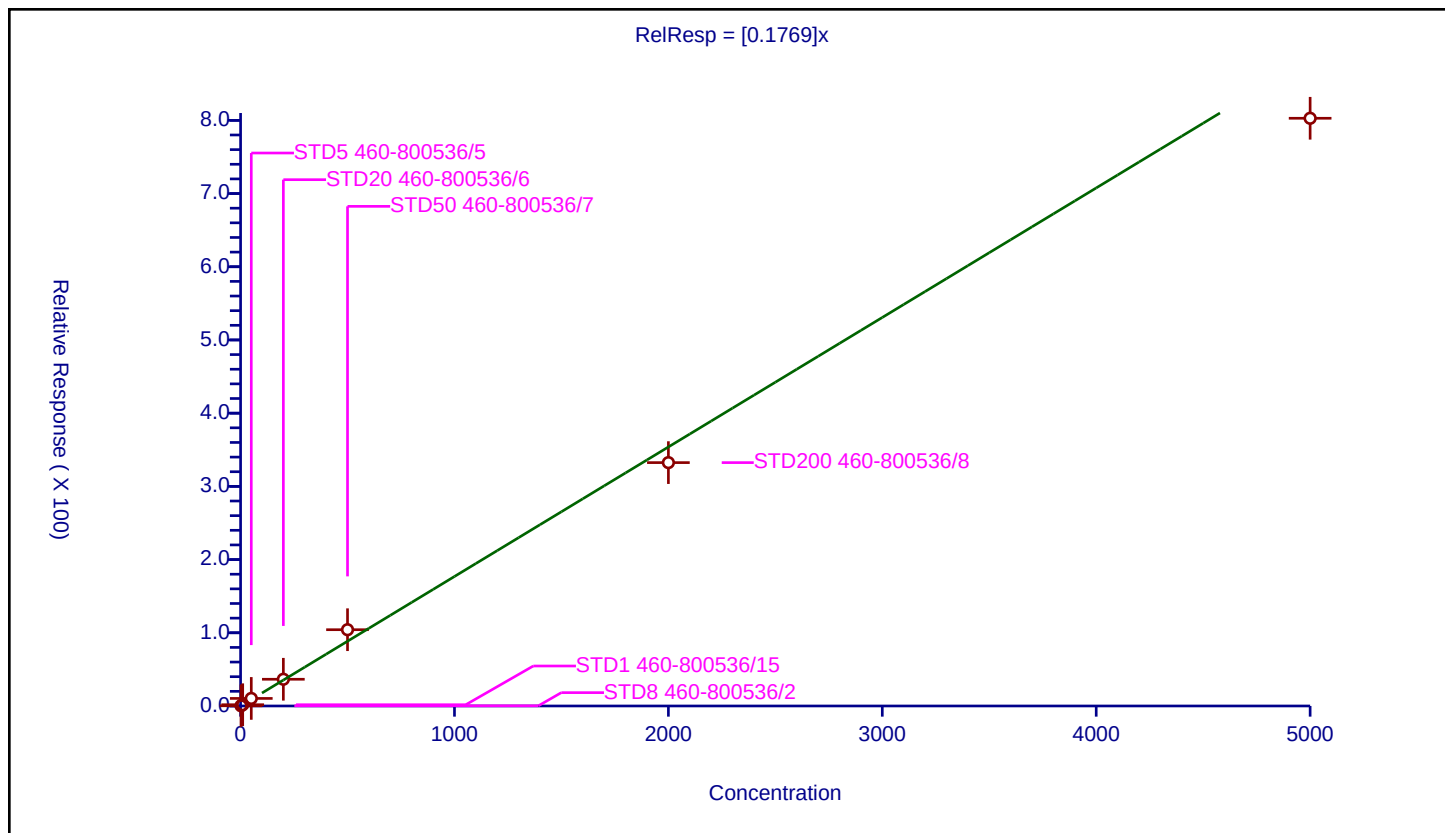
Curve Coefficients

Intercept: 0
 Slope: 0.1769

Error Coefficients

Standard Error: 3280000
 Relative Standard Error: 13.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	2.0	0.279355	50.0	671010.0	0.139678	Y
2	STD1 460-800536/15	10.0	1.747129	50.0	500278.0	0.174713	Y
3	STD5 460-800536/5	50.0	10.311018	50.0	405828.0	0.20622	Y
4	STD20 460-800536/6	200.0	36.516182	50.0	447466.0	0.182581	Y
5	STD50 460-800536/7	500.0	104.187934	50.0	398299.0	0.208376	Y
6	STD200 460-800536/8	2000.0	332.458319	50.0	444088.0	0.166229	Y
7	STD500 460-800536/9	5000.0	802.818895	50.0	462096.0	0.160564	Y



Calibration

/ Hexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

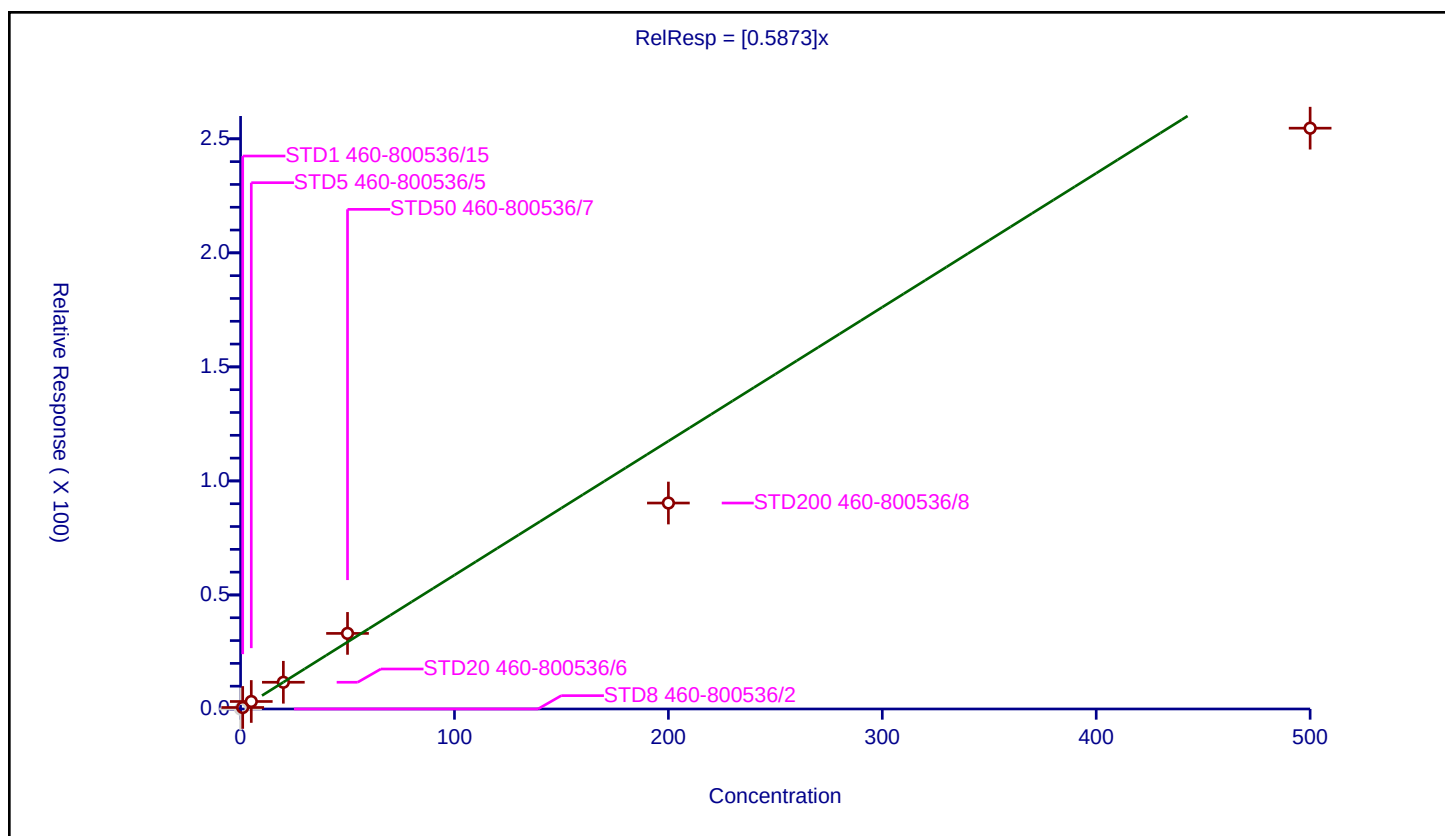
Curve Coefficients

Intercept: 0
 Slope: 0.5873

Error Coefficients

Standard Error: 1120000
 Relative Standard Error: 15.2
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.655436	50.0	500278.0	0.655436	Y
3	STD5 460-800536/5	5.0	3.292651	50.0	405828.0	0.65853	Y
4	STD20 460-800536/6	20.0	11.719214	50.0	447466.0	0.585961	Y
5	STD50 460-800536/7	50.0	33.144823	50.0	398299.0	0.662896	Y
6	STD200 460-800536/8	200.0	90.302935	50.0	444088.0	0.451515	Y
7	STD500 460-800536/9	500.0	254.672839	50.0	462096.0	0.509346	Y



Calibration

/ Isopropyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

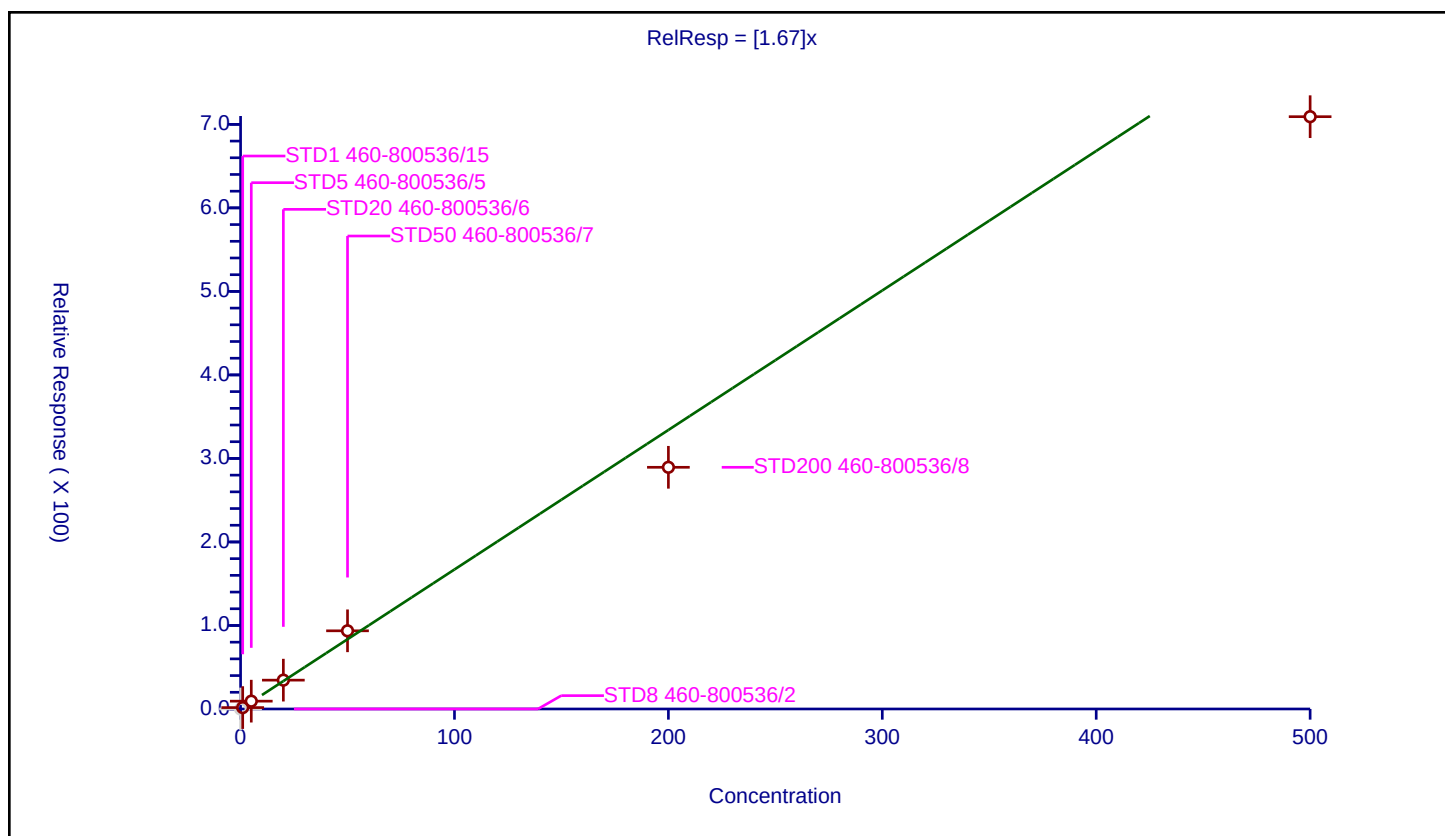
Curve Coefficients

Intercept: 0
 Slope: 1.67

Error Coefficients

Standard Error: 3170000
 Relative Standard Error: 11.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	1.686762	50.0	500278.0	1.686762	Y
3	STD5 460-800536/5	5.0	9.356304	50.0	405828.0	1.871261	Y
4	STD20 460-800536/6	20.0	34.539384	50.0	447466.0	1.726969	Y
5	STD50 460-800536/7	50.0	93.597523	50.0	398299.0	1.87195	Y
6	STD200 460-800536/8	200.0	289.395908	50.0	444088.0	1.44698	Y
7	STD500 460-800536/9	500.0	709.189541	50.0	462096.0	1.418379	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

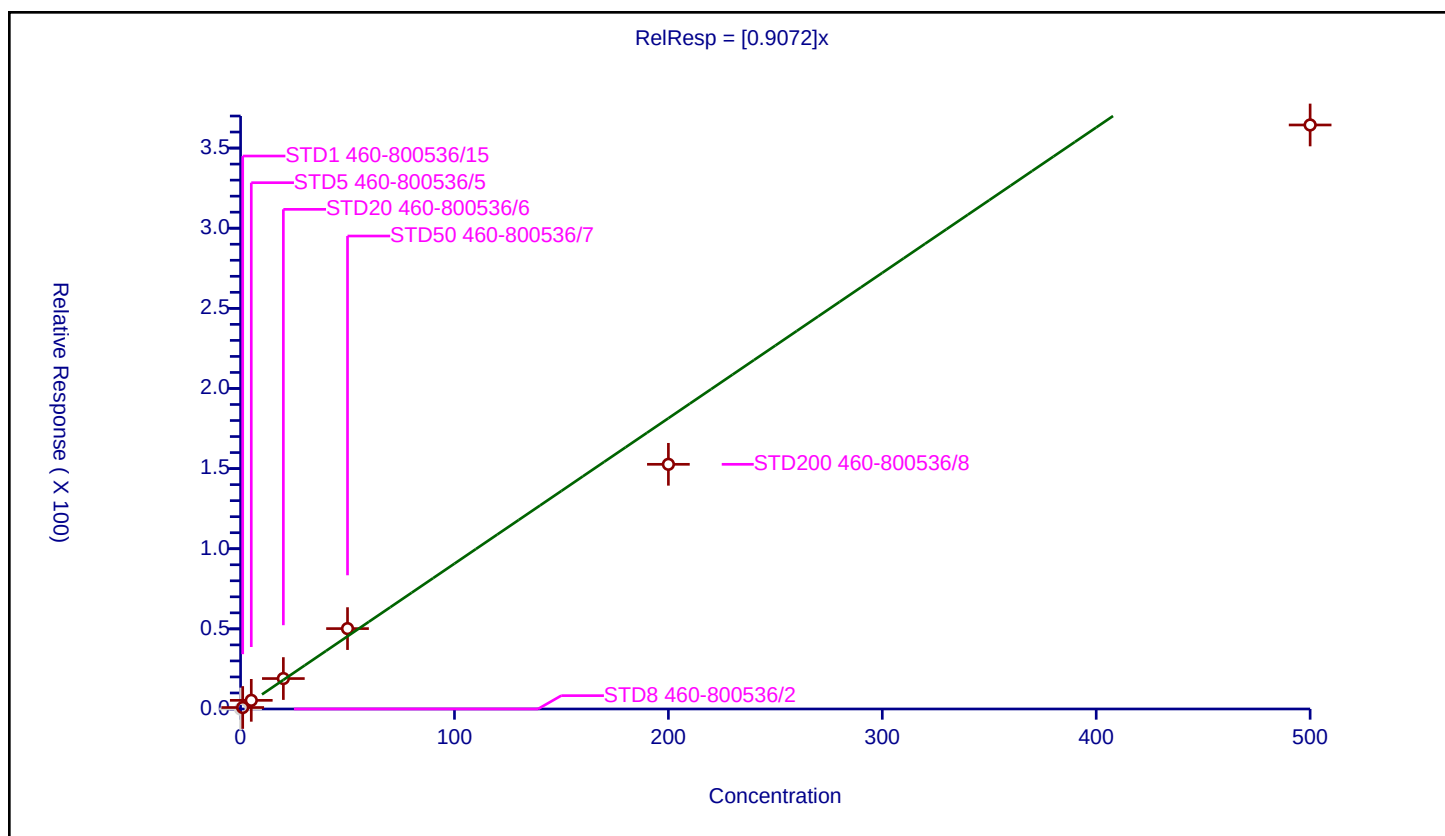
Curve Coefficients

Intercept: 0
 Slope: 0.9072

Error Coefficients

Standard Error: 1640000
 Relative Standard Error: 15.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.918989	50.0	500278.0	0.918989	Y
3	STD5 460-800536/5	5.0	5.393048	50.0	405828.0	1.07861	Y
4	STD20 460-800536/6	20.0	18.999209	50.0	447466.0	0.94996	Y
5	STD50 460-800536/7	50.0	50.162692	50.0	398299.0	1.003254	Y
6	STD200 460-800536/8	200.0	152.666701	50.0	444088.0	0.763334	Y
7	STD500 460-800536/9	500.0	364.413022	50.0	462096.0	0.728826	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

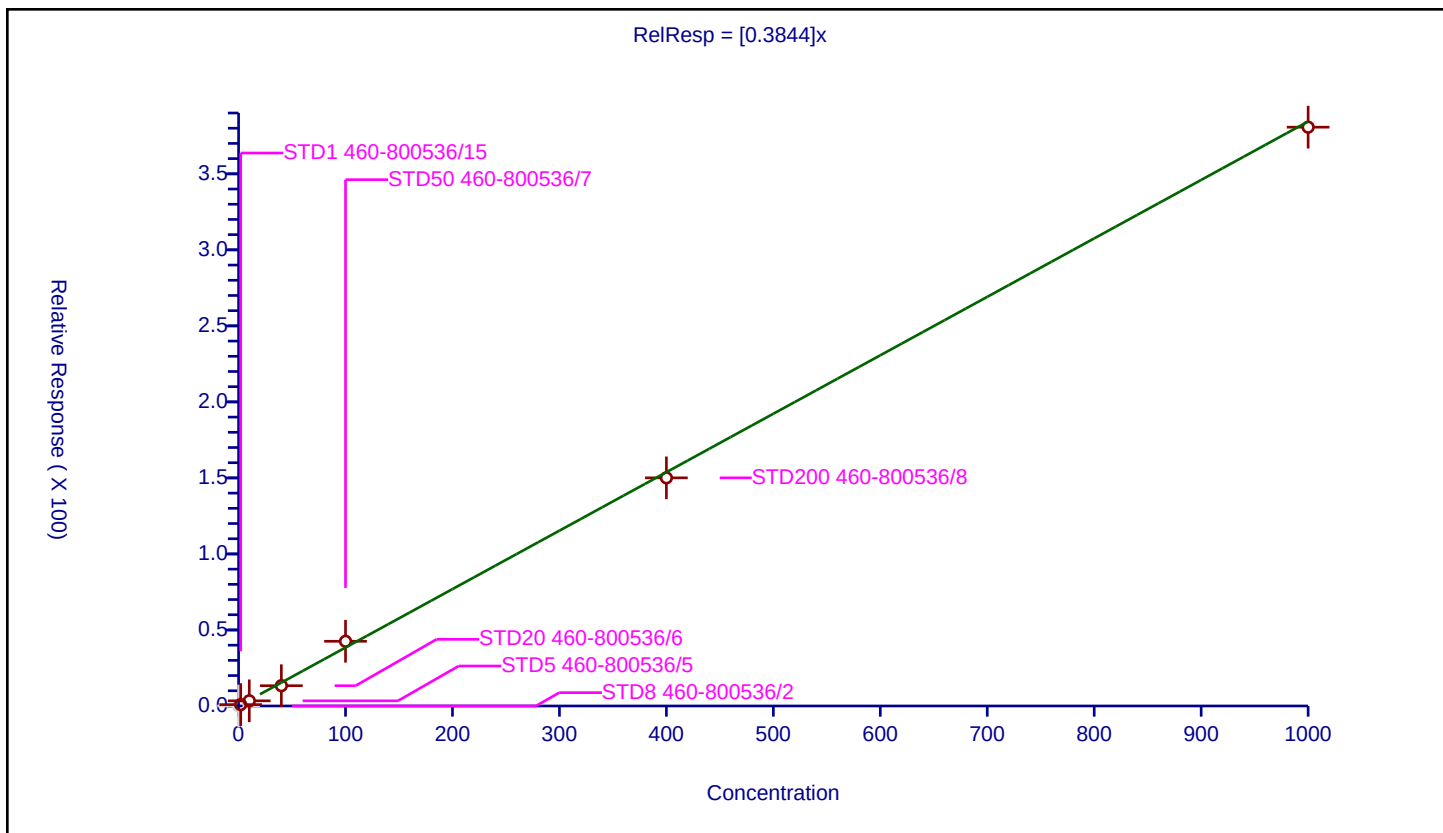
Curve Coefficients

Intercept: 0
 Slope: 0.3844

Error Coefficients

Standard Error: 267000
 Relative Standard Error: 12.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	250.0	411419.0	NaN	N
2	STD1 460-800536/15	2.0	0.903662	250.0	322853.0	0.451831	Y
3	STD5 460-800536/5	10.0	3.396856	250.0	261271.0	0.339686	Y
4	STD20 460-800536/6	40.0	13.341543	250.0	303713.0	0.333539	Y
5	STD50 460-800536/7	100.0	42.559049	250.0	281503.0	0.42559	Y
6	STD200 460-800536/8	400.0	150.058356	250.0	336729.0	0.375146	Y
7	STD500 460-800536/9	1000.0	380.691603	250.0	366988.0	0.380692	Y



Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

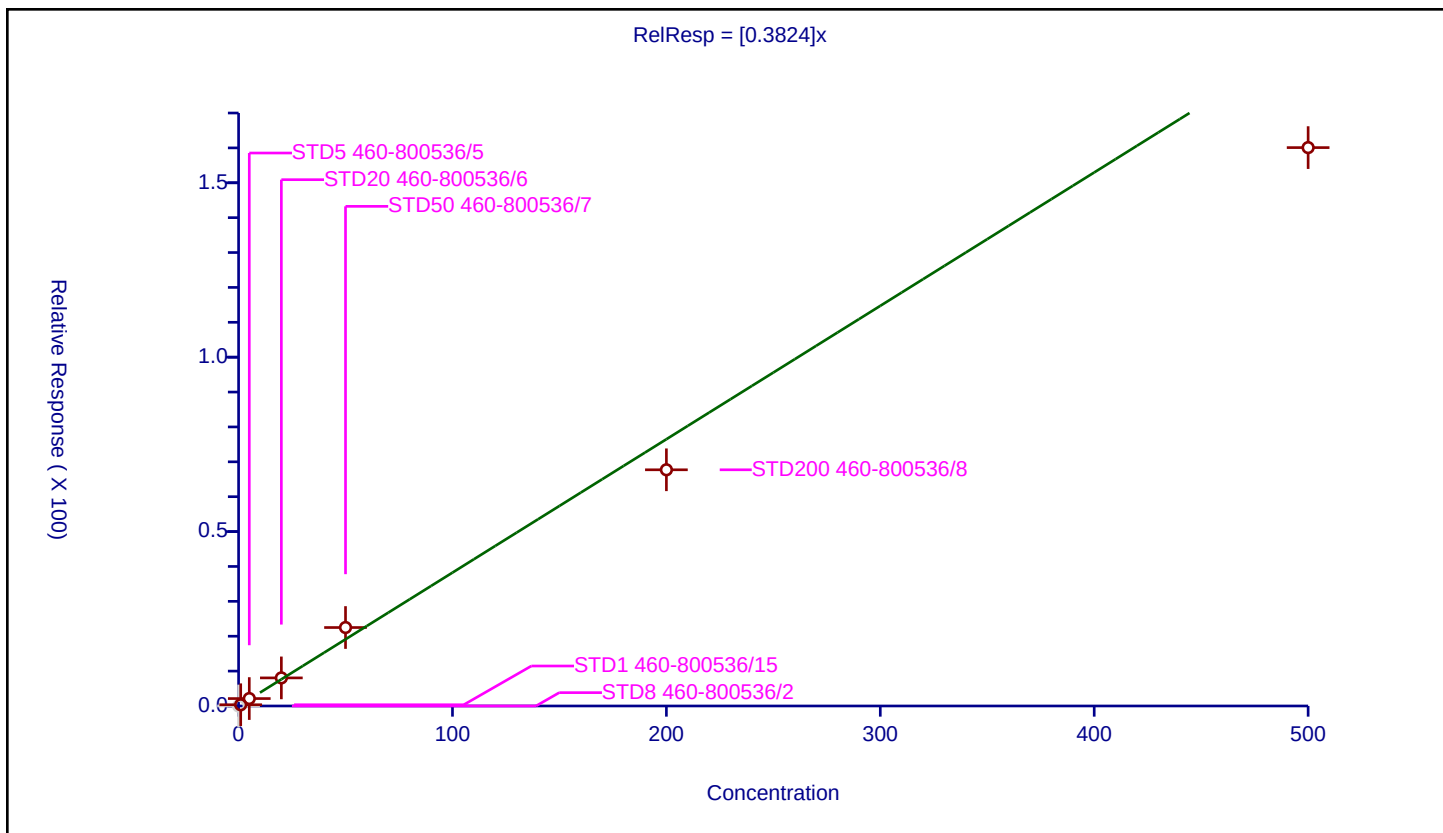
Curve Coefficients

Intercept: 0
 Slope: 0.3824

Error Coefficients

Standard Error: 719000
 Relative Standard Error: 13.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.357002	50.0	500278.0	0.357002	Y
3	STD5 460-800536/5	5.0	2.130952	50.0	405828.0	0.42619	Y
4	STD20 460-800536/6	20.0	8.051114	50.0	447466.0	0.402556	Y
5	STD50 460-800536/7	50.0	22.495914	50.0	398299.0	0.449918	Y
6	STD200 460-800536/8	200.0	67.714957	50.0	444088.0	0.338575	Y
7	STD500 460-800536/9	500.0	160.08113	50.0	462096.0	0.320162	Y



Calibration

/ Tert-butyl ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

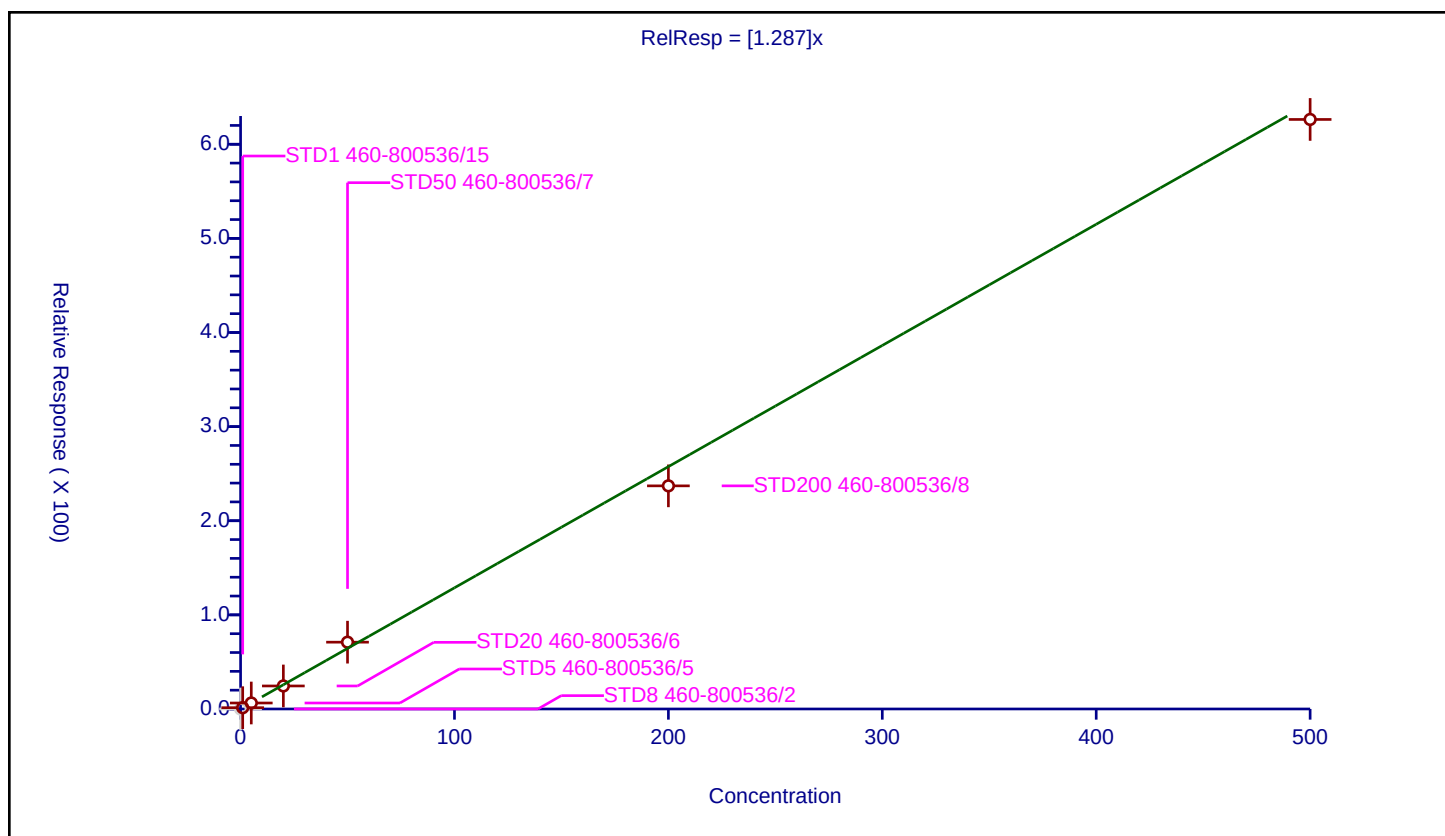
Curve Coefficients

Intercept: 0
 Slope: 1.287

Error Coefficients

Standard Error: 2770000
 Relative Standard Error: 7.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	1.370838	50.0	500278.0	1.370838	Y
3	STD5 460-800536/5	5.0	6.364149	50.0	405828.0	1.27283	Y
4	STD20 460-800536/6	20.0	24.468675	50.0	447466.0	1.223434	Y
5	STD50 460-800536/7	50.0	70.976201	50.0	398299.0	1.419524	Y
6	STD200 460-800536/8	200.0	237.0797	50.0	444088.0	1.185399	Y
7	STD500 460-800536/9	500.0	626.347988	50.0	462096.0	1.252696	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

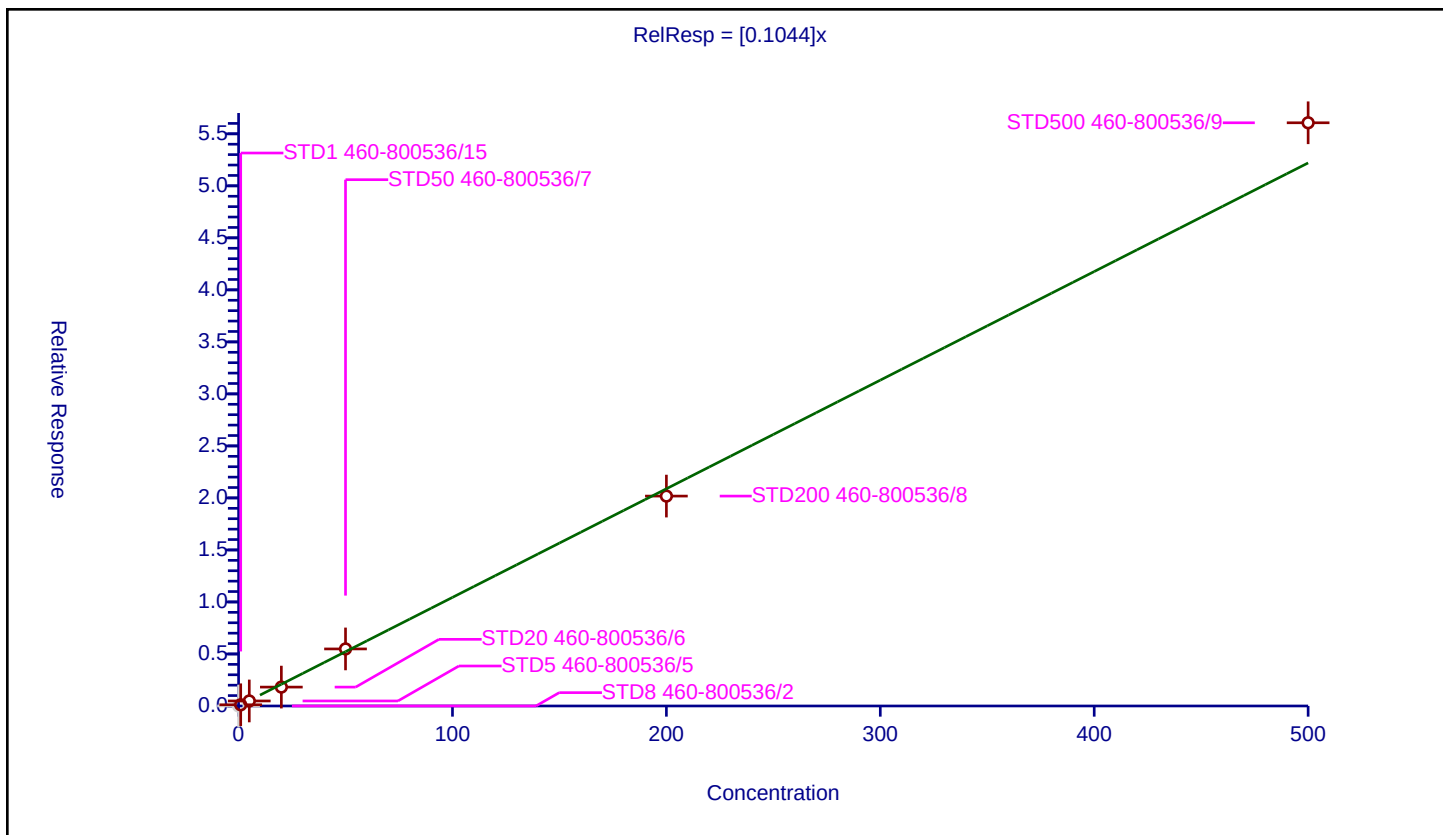
Curve Coefficients

Intercept: 0
 Slope: 0.1044

Error Coefficients

Standard Error: 246000
 Relative Standard Error: 9.3
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.116035	50.0	500278.0	0.116035	Y
3	STD5 460-800536/5	5.0	0.484072	50.0	405828.0	0.096814	Y
4	STD20 460-800536/6	20.0	1.817233	50.0	447466.0	0.090862	Y
5	STD50 460-800536/7	50.0	5.485326	50.0	398299.0	0.109707	Y
6	STD200 460-800536/8	200.0	20.176406	50.0	444088.0	0.100882	Y
7	STD500 460-800536/9	500.0	56.061836	50.0	462096.0	0.112124	Y



Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

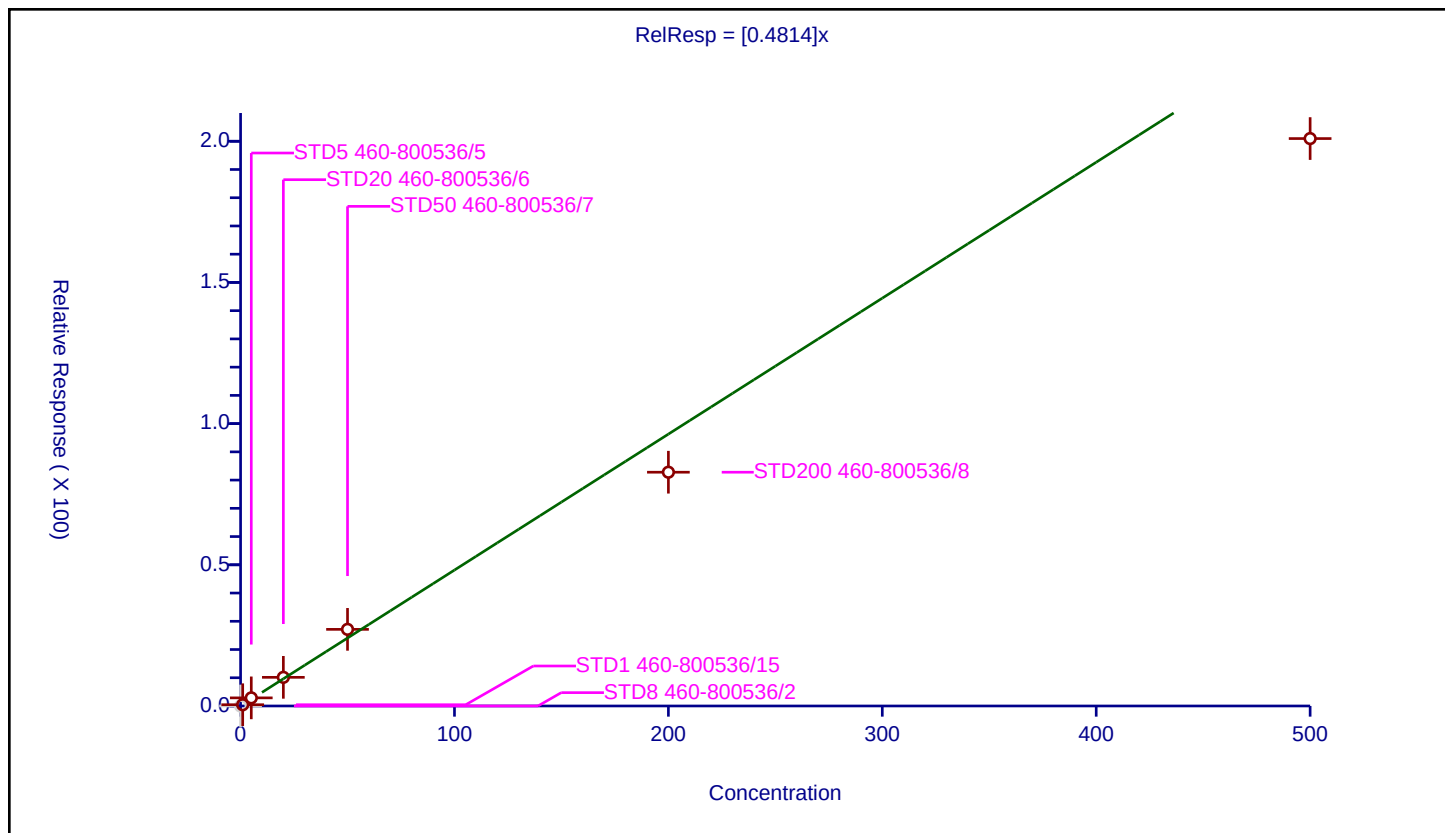
Curve Coefficients

Intercept: 0
Slope: 0.4814

Error Coefficients

Standard Error: 899000
Relative Standard Error: 14.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.447751	50.0	500278.0	0.447751	Y
3	STD5 460-800536/5	5.0	2.875479	50.0	405828.0	0.575096	Y
4	STD20 460-800536/6	20.0	10.142894	50.0	447466.0	0.507145	Y
5	STD50 460-800536/7	50.0	27.133134	50.0	398299.0	0.542663	Y
6	STD200 460-800536/8	200.0	82.793613	50.0	444088.0	0.413968	Y
7	STD500 460-800536/9	500.0	200.952724	50.0	462096.0	0.401905	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

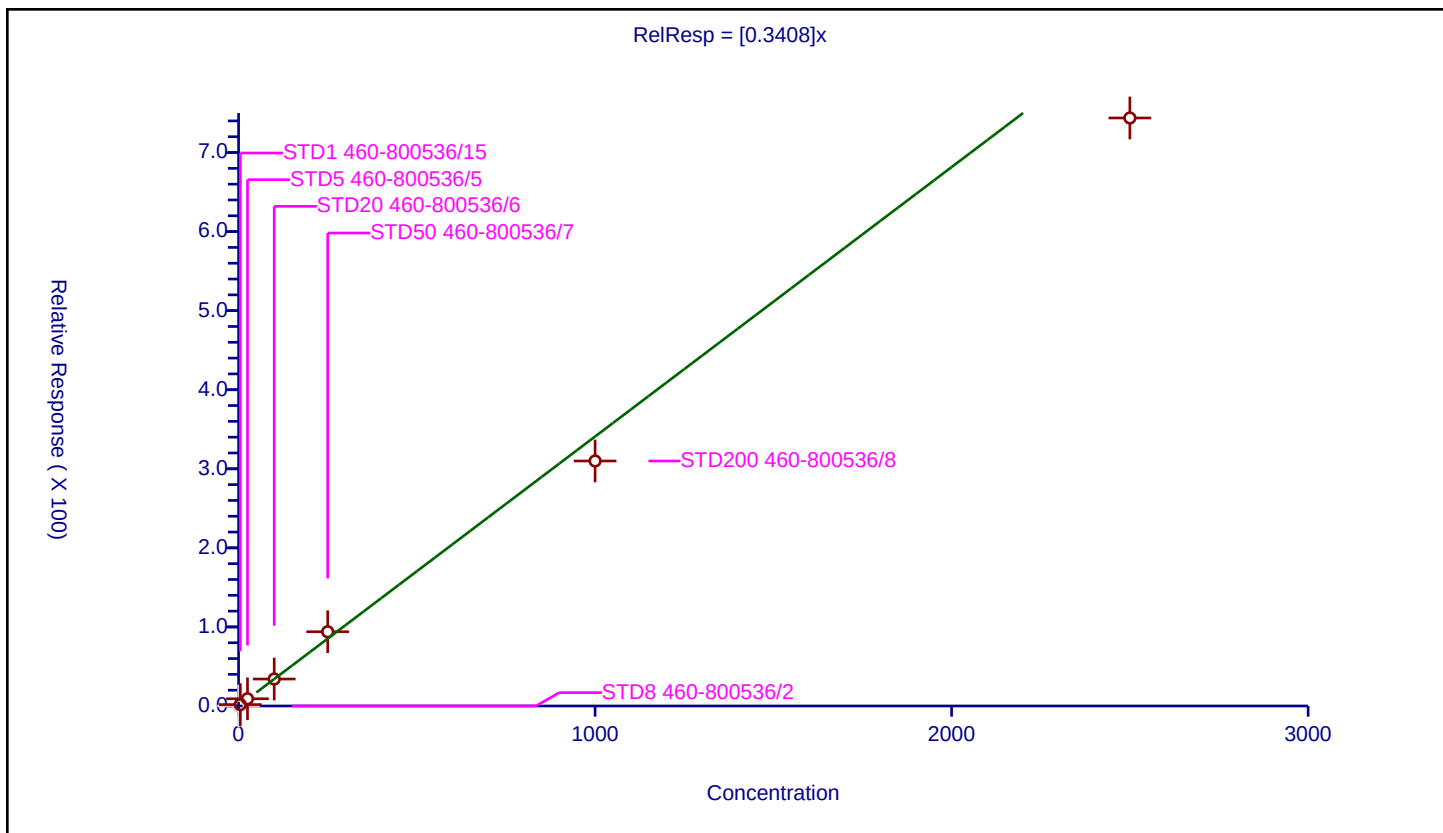
Curve Coefficients

Intercept: 0
 Slope: 0.3408

Error Coefficients

Standard Error: 525000
 Relative Standard Error: 9.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	250.0	411419.0	NaN	N
2	STD1 460-800536/15	5.0	1.777899	250.0	322853.0	0.35558	Y
3	STD5 460-800536/5	25.0	9.134194	250.0	261271.0	0.365368	Y
4	STD20 460-800536/6	100.0	34.090572	250.0	303713.0	0.340906	Y
5	STD50 460-800536/7	250.0	93.911077	250.0	281503.0	0.375644	Y
6	STD200 460-800536/8	1000.0	309.873815	250.0	336729.0	0.309874	Y
7	STD500 460-800536/9	2500.0	743.738215	250.0	366988.0	0.297495	Y



Calibration

/ Ethyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

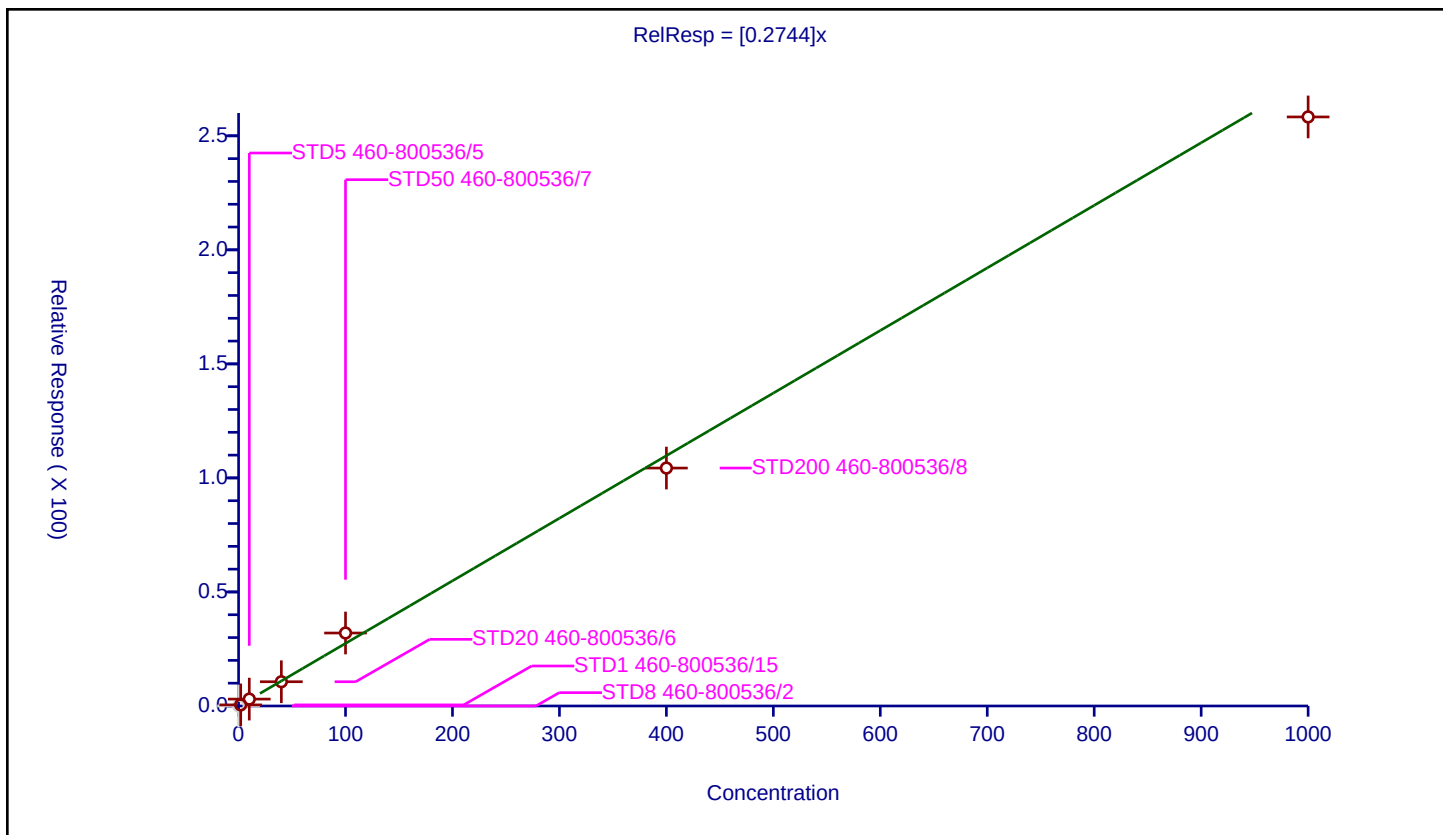
Curve Coefficients

Intercept: 0
 Slope: 0.2744

Error Coefficients

Standard Error: 182000
 Relative Standard Error: 11.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	250.0	411419.0	NaN	N
2	STD1 460-800536/15	2.0	0.47932	250.0	322853.0	0.23966	Y
3	STD5 460-800536/5	10.0	3.018896	250.0	261271.0	0.30189	Y
4	STD20 460-800536/6	40.0	10.630925	250.0	303713.0	0.265773	Y
5	STD50 460-800536/7	100.0	31.995219	250.0	281503.0	0.319952	Y
6	STD200 460-800536/8	400.0	104.322764	250.0	336729.0	0.260807	Y
7	STD500 460-800536/9	1000.0	258.276156	250.0	366988.0	0.258276	Y



Calibration

/ Methyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

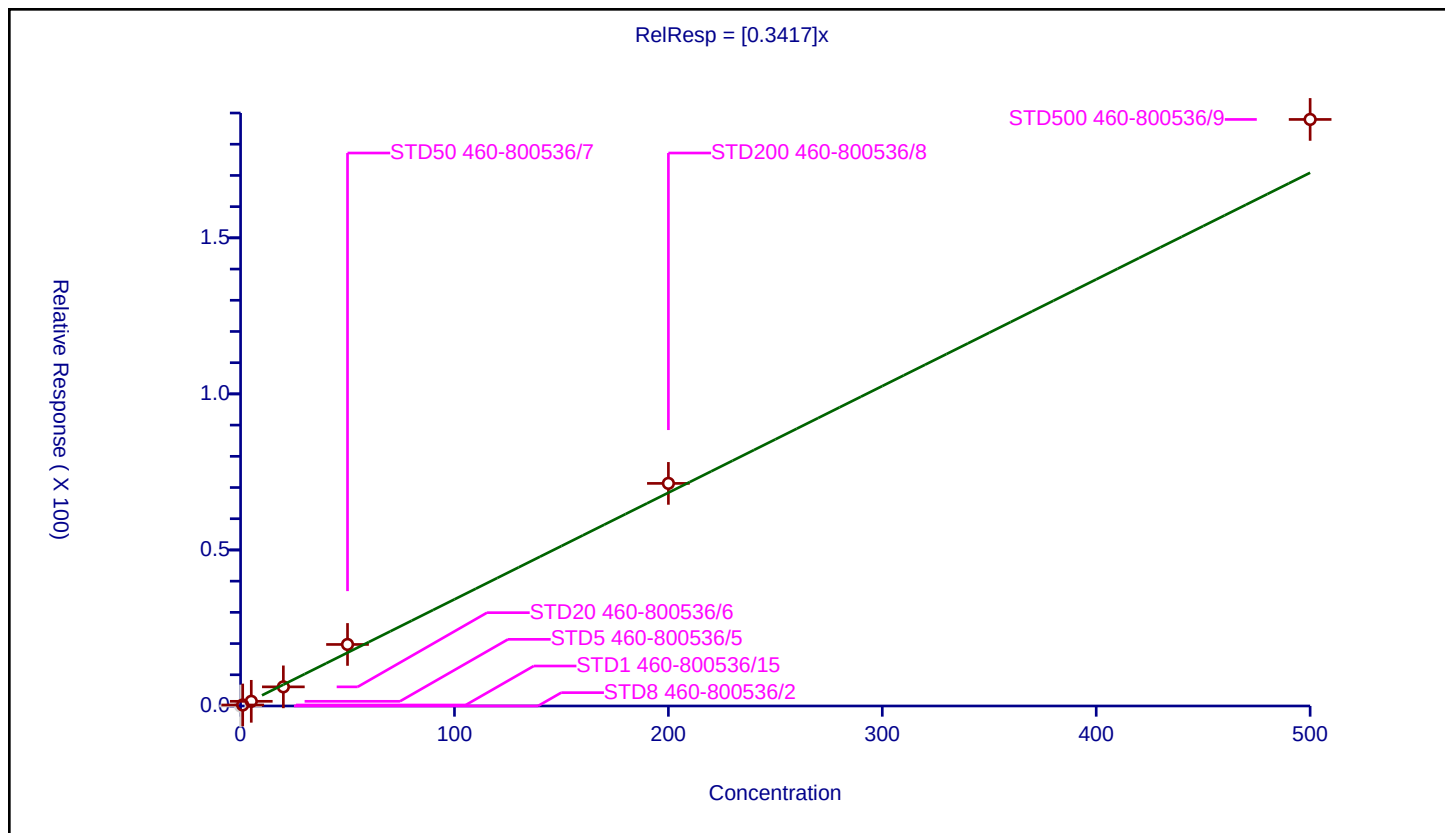
Curve Coefficients

Intercept: 0
 Slope: 0.3417

Error Coefficients

Standard Error: 830000
 Relative Standard Error: 11.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.317723	50.0	500278.0	0.317723	Y
3	STD5 460-800536/5	5.0	1.496693	50.0	405828.0	0.299339	Y
4	STD20 460-800536/6	20.0	6.126834	50.0	447466.0	0.306342	Y
5	STD50 460-800536/7	50.0	19.720361	50.0	398299.0	0.394407	Y
6	STD200 460-800536/8	200.0	71.327192	50.0	444088.0	0.356636	Y
7	STD500 460-800536/9	500.0	187.94006	50.0	462096.0	0.37588	Y



Calibration

/ Propionitrile

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

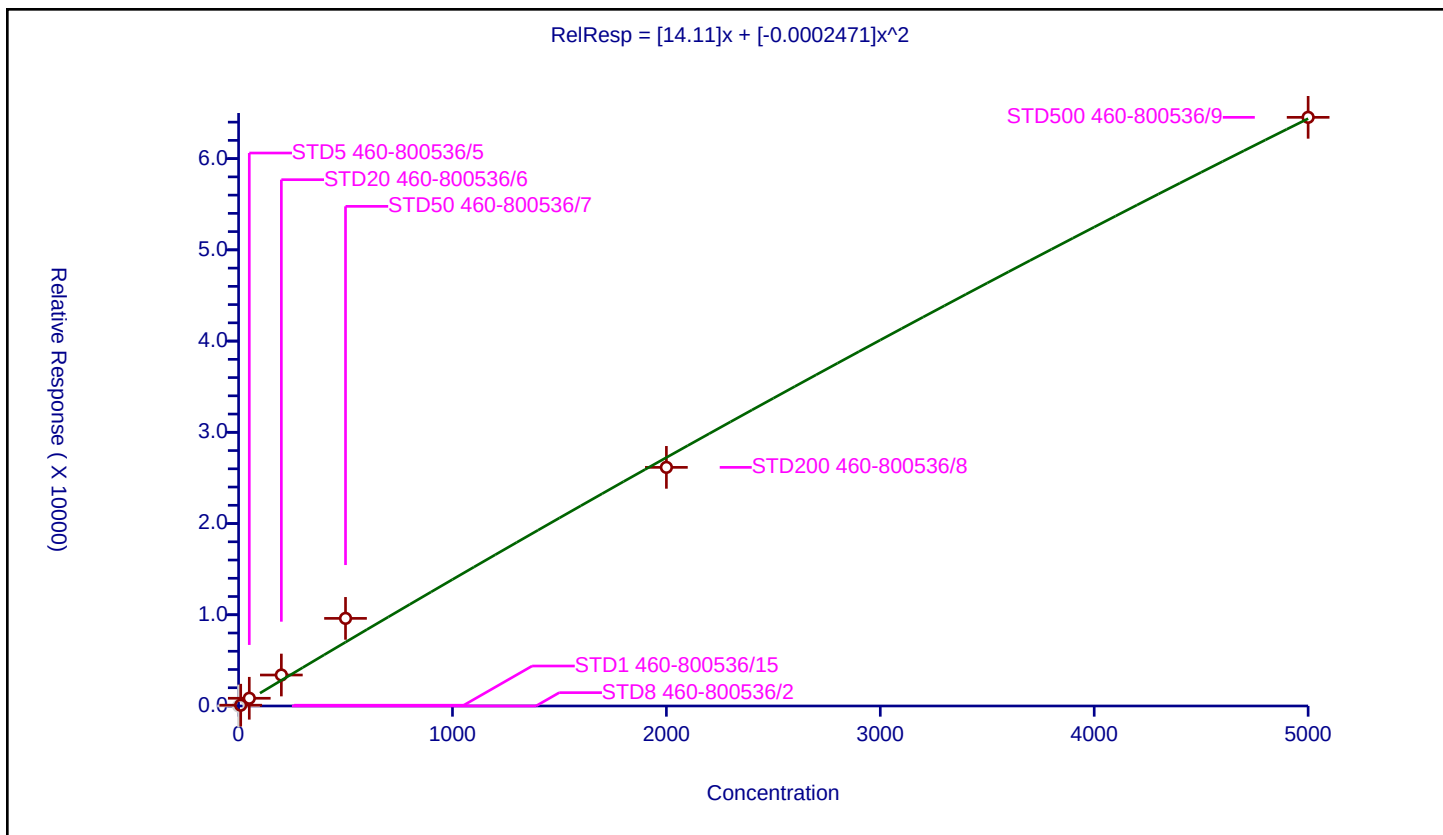
Curve Coefficients

Intercept: 0
 Slope: 14.11
 Second Order: -0.0002471

Error Coefficients

Standard Error: 1430000
 Relative Standard Error: 30.6
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	1000.0	31619.0	NaN	N
2	STD1 460-800536/15	10.0	87.304414	1000.0	42117.0	8.730441	Y
3	STD5 460-800536/5	50.0	847.170506	1000.0	24439.0	16.94341	Y
4	STD20 460-800536/6	200.0	3393.967987	1000.0	29675.0	16.96984	Y
5	STD50 460-800536/7	500.0	9604.394835	1000.0	28579.0	19.20879	Y
6	STD200 460-800536/8	2000.0	26158.458464	1000.0	39026.0	13.079229	Y
7	STD500 460-800536/9	5000.0	64527.553495	1000.0	42481.0	12.905511	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

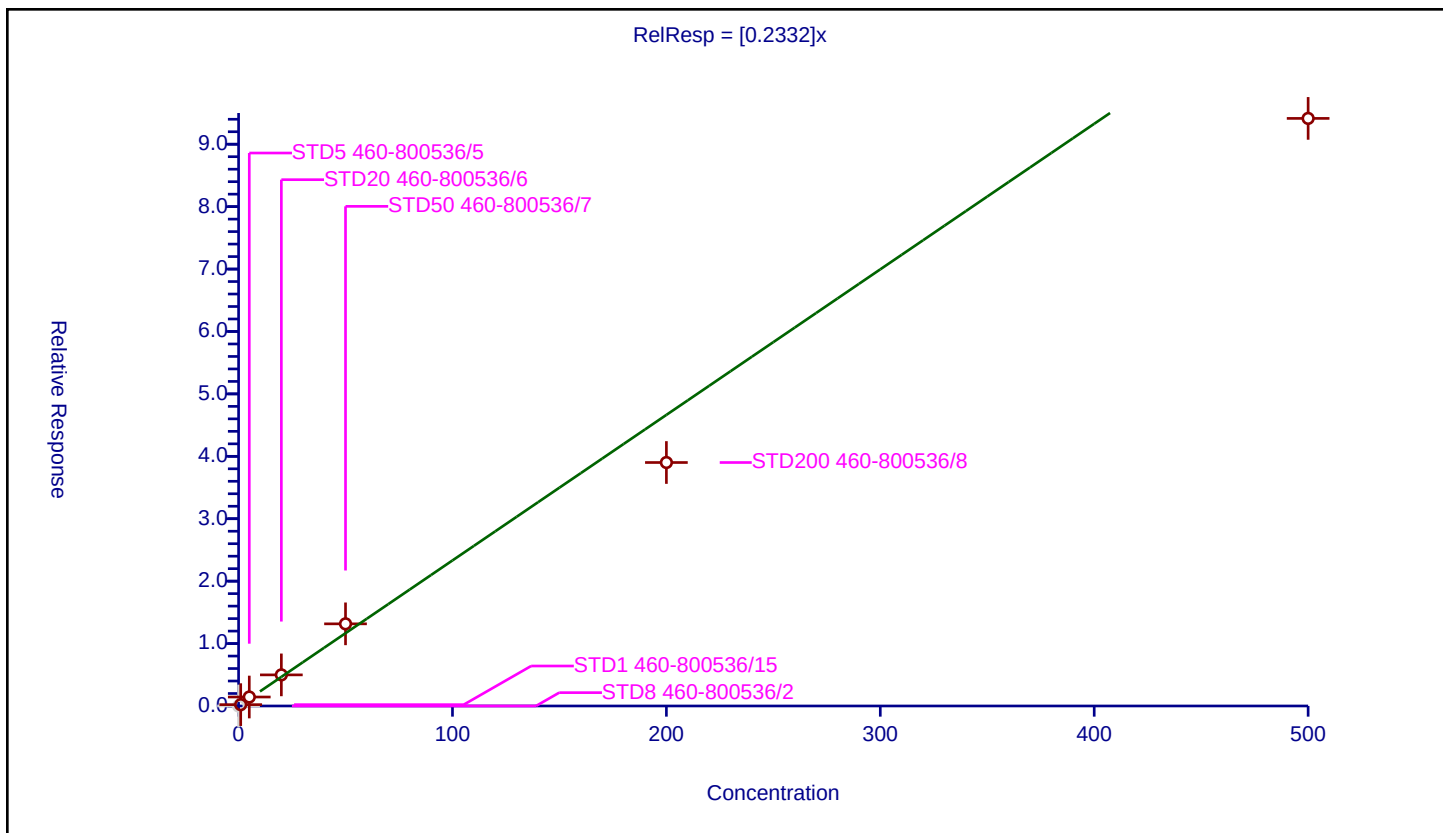
Curve Coefficients

Intercept: 0
 Slope: 0.2332

Error Coefficients

Standard Error: 422000
 Relative Standard Error: 17.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.21588	50.0	500278.0	0.21588	Y
3	STD5 460-800536/5	5.0	1.437062	50.0	405828.0	0.287412	Y
4	STD20 460-800536/6	20.0	4.985407	50.0	447466.0	0.24927	Y
5	STD50 460-800536/7	50.0	13.160967	50.0	398299.0	0.263219	Y
6	STD200 460-800536/8	200.0	39.007922	50.0	444088.0	0.19504	Y
7	STD500 460-800536/9	500.0	94.135418	50.0	462096.0	0.188271	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

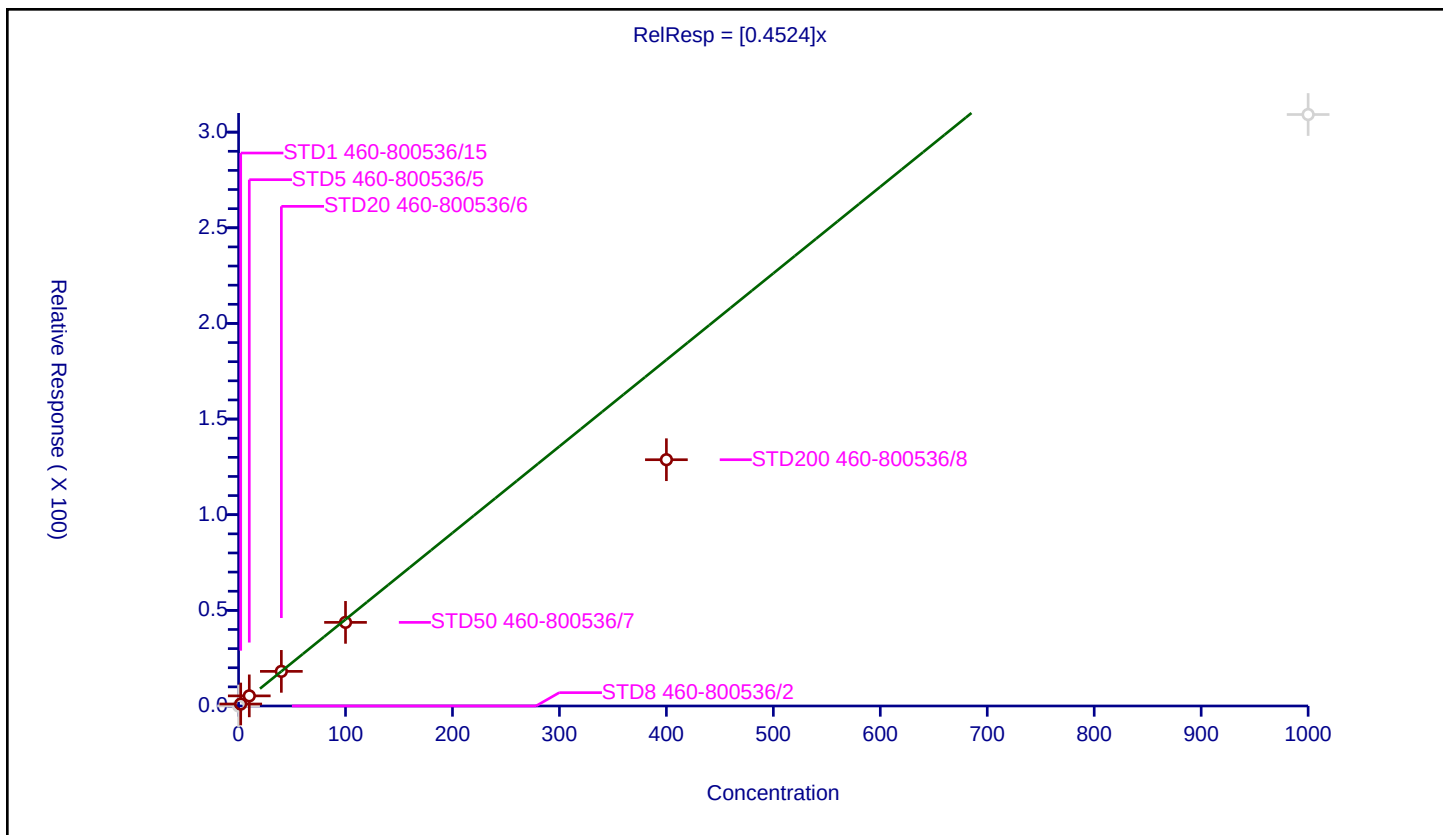
Curve Coefficients

Intercept: 0
 Slope: 0.4524

Error Coefficients

Standard Error: 90800
 Relative Standard Error: 18.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	250.0	411419.0	NaN	N
2	STD1 460-800536/15	2.0	1.043044	250.0	322853.0	0.521522	Y
3	STD5 460-800536/5	10.0	5.28857	250.0	261271.0	0.528857	Y
4	STD20 460-800536/6	40.0	18.102617	250.0	303713.0	0.452565	Y
5	STD50 460-800536/7	100.0	43.715342	250.0	281503.0	0.437153	Y
6	STD200 460-800536/8	400.0	128.759329	250.0	336729.0	0.321898	Y
7	STD500 460-800536/9	1000.0	309.217876	250.0	366988.0	0.309218	N



Calibration

/ Methacrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

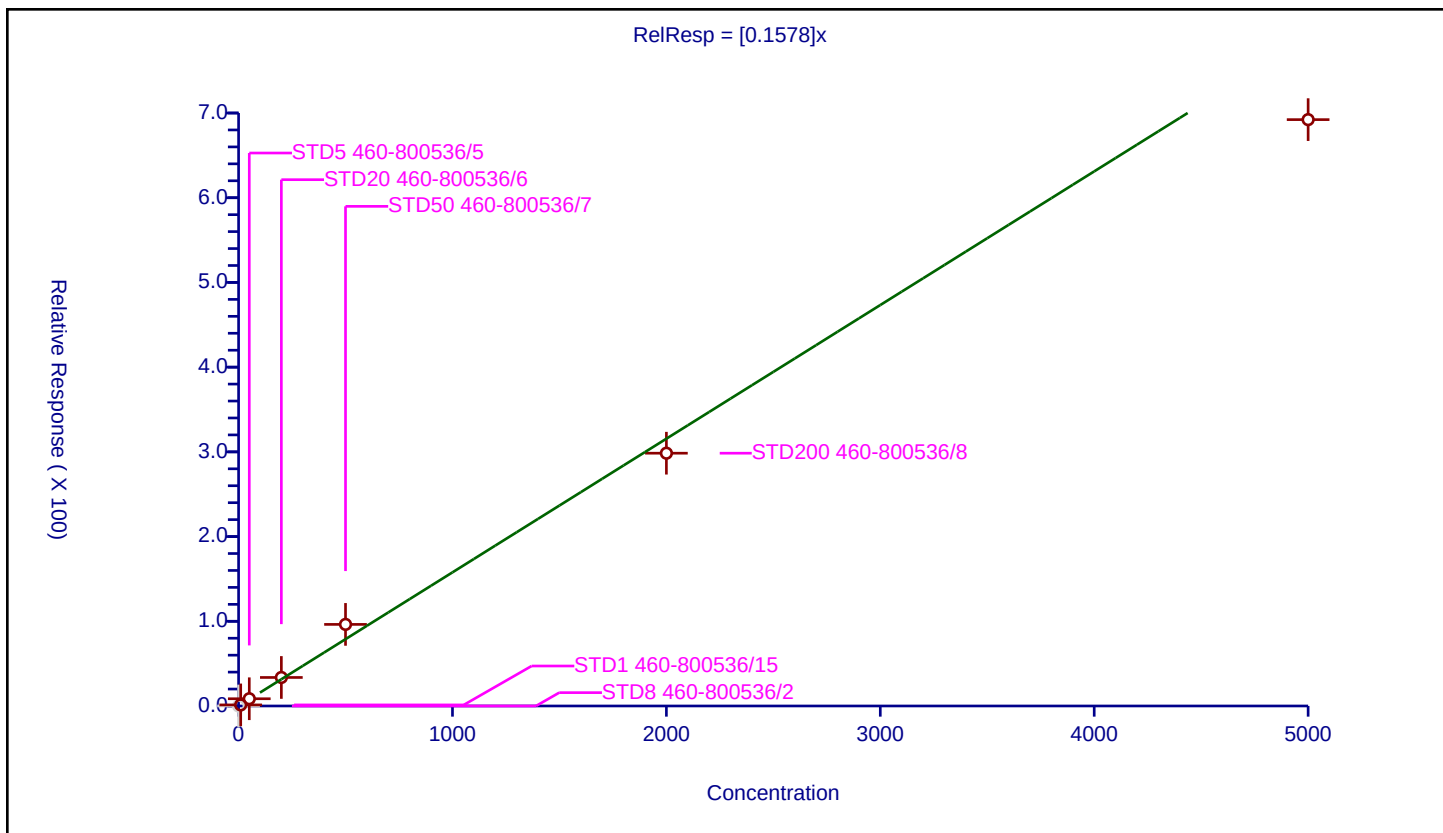
Curve Coefficients

Intercept: 0
 Slope: 0.1578

Error Coefficients

Standard Error: 3120000
 Relative Standard Error: 15.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	10.0	1.269594	50.0	500278.0	0.126959	Y
3	STD5 460-800536/5	50.0	8.554486	50.0	405828.0	0.17109	Y
4	STD20 460-800536/6	200.0	33.657529	50.0	447466.0	0.168288	Y
5	STD50 460-800536/7	500.0	96.320352	50.0	398299.0	0.192641	Y
6	STD200 460-800536/8	2000.0	298.41912	50.0	444088.0	0.14921	Y
7	STD500 460-800536/9	5000.0	692.181062	50.0	462096.0	0.138436	Y



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

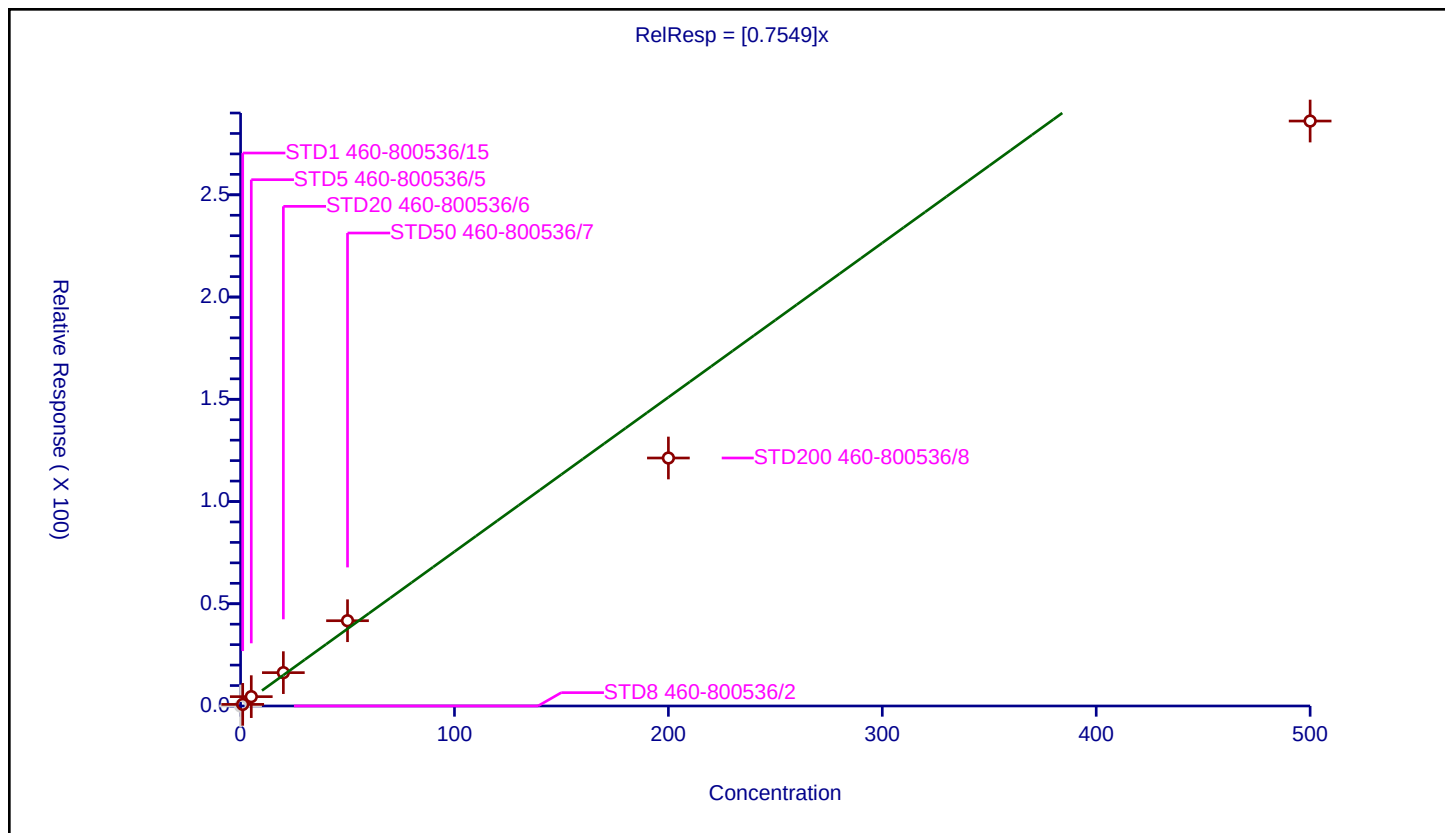
Curve Coefficients

Intercept: 0
 Slope: 0.7549

Error Coefficients

Standard Error: 1290000
 Relative Standard Error: 17.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.788462	50.0	500278.0	0.788462	Y
3	STD5 460-800536/5	5.0	4.565851	50.0	405828.0	0.91317	Y
4	STD20 460-800536/6	20.0	16.304479	50.0	447466.0	0.815224	Y
5	STD50 460-800536/7	50.0	41.706858	50.0	398299.0	0.834137	Y
6	STD200 460-800536/8	200.0	121.278553	50.0	444088.0	0.606393	Y
7	STD500 460-800536/9	500.0	286.07086	50.0	462096.0	0.572142	Y



Calibration

/ Cyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

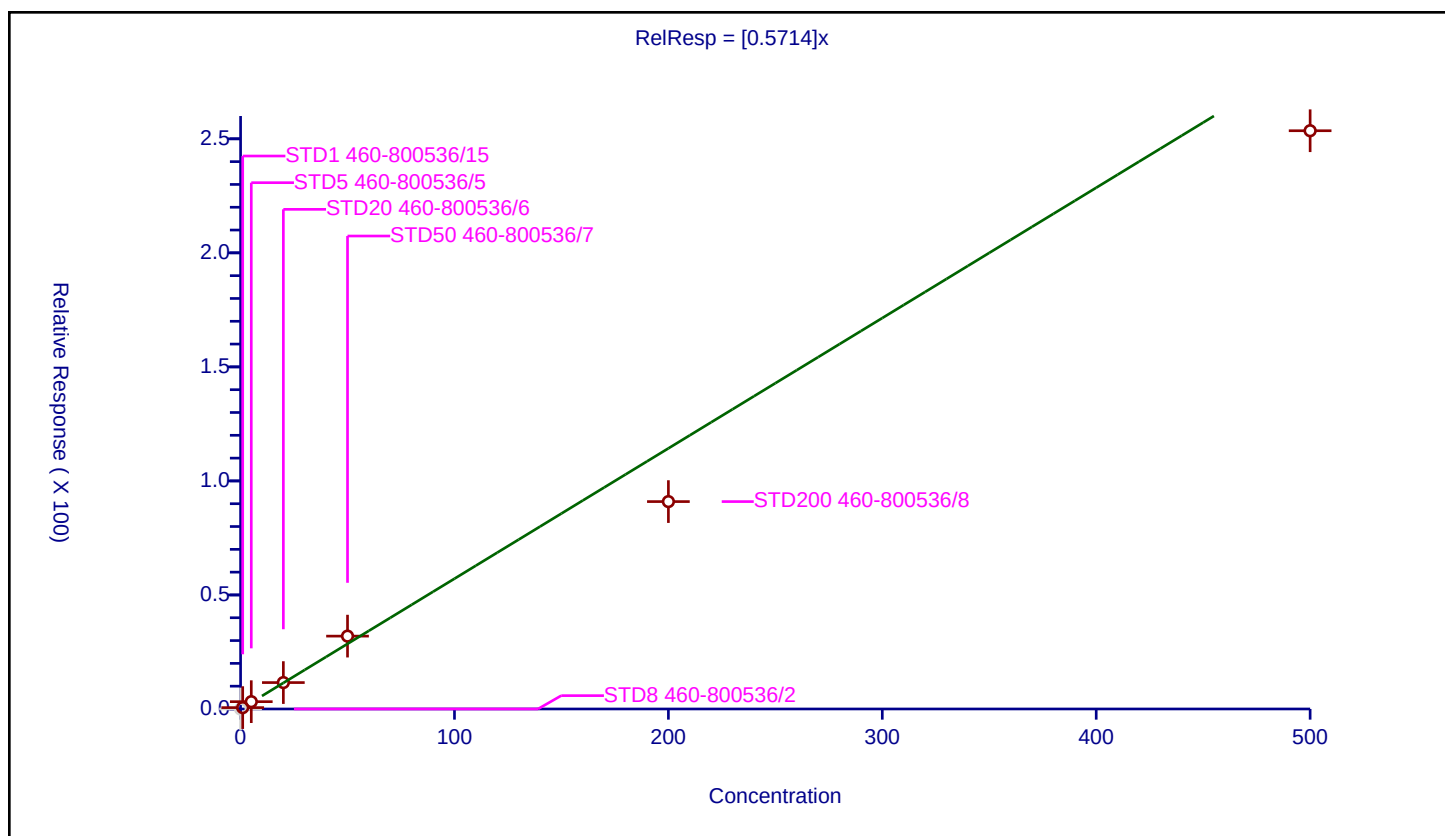
Curve Coefficients

Intercept: 0
 Slope: 0.5714

Error Coefficients

Standard Error: 1120000
 Relative Standard Error: 13.2
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.606963	50.0	500278.0	0.606963	Y
3	STD5 460-800536/5	5.0	3.208009	50.0	405828.0	0.641602	Y
4	STD20 460-800536/6	20.0	11.579316	50.0	447466.0	0.578966	Y
5	STD50 460-800536/7	50.0	31.954386	50.0	398299.0	0.639088	Y
6	STD200 460-800536/8	200.0	90.937832	50.0	444088.0	0.454689	Y
7	STD500 460-800536/9	500.0	253.550777	50.0	462096.0	0.507102	Y



Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

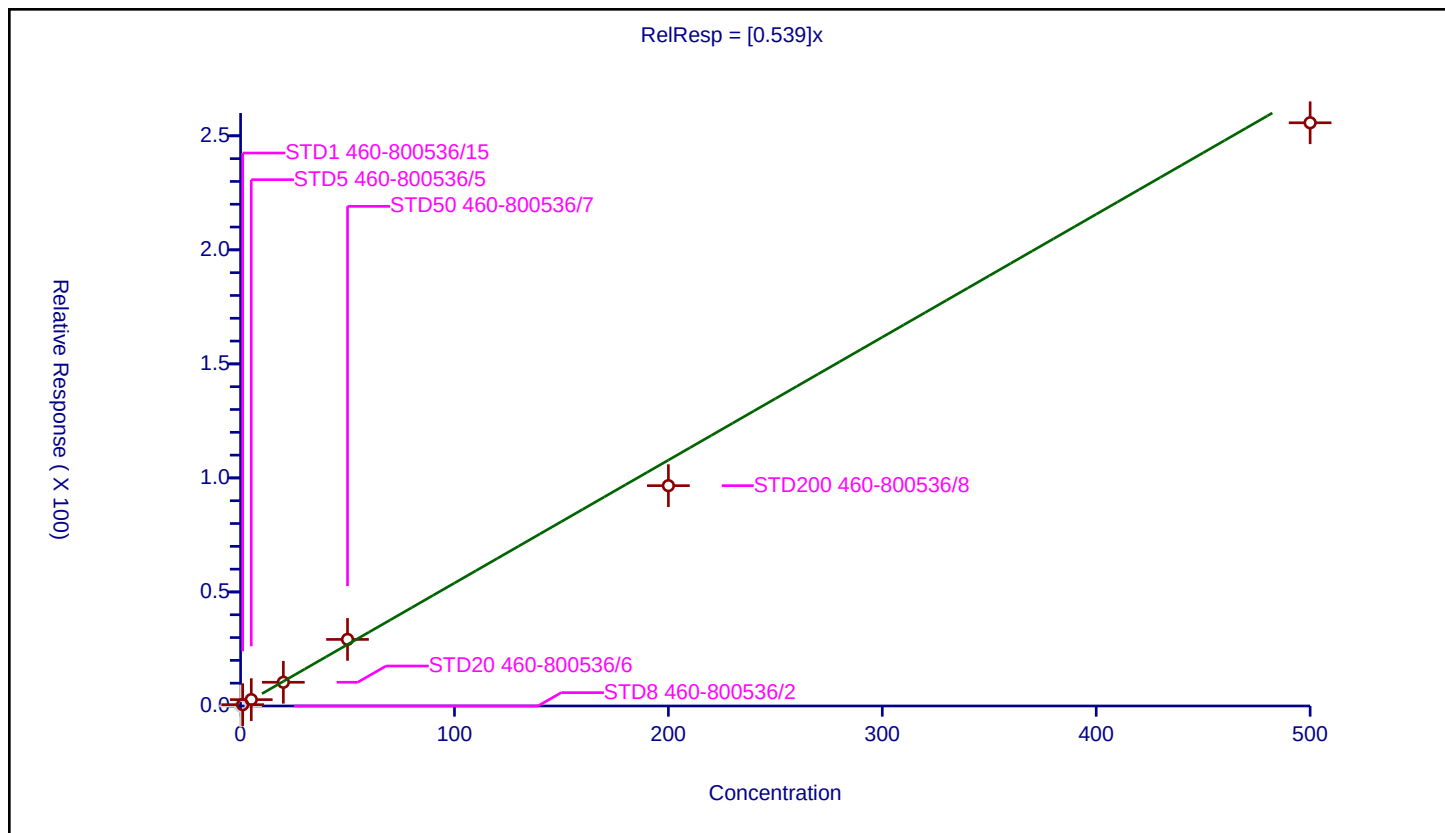
Curve Coefficients

Intercept: 0
 Slope: 0.539

Error Coefficients

Standard Error: 1130000
 Relative Standard Error: 7.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.578878	50.0	500278.0	0.578878	Y
3	STD5 460-800536/5	5.0	2.784431	50.0	405828.0	0.556886	Y
4	STD20 460-800536/6	20.0	10.400902	50.0	447466.0	0.520045	Y
5	STD50 460-800536/7	50.0	29.195655	50.0	398299.0	0.583913	Y
6	STD200 460-800536/8	200.0	96.605515	50.0	444088.0	0.483028	Y
7	STD500 460-800536/9	500.0	255.725109	50.0	462096.0	0.51145	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

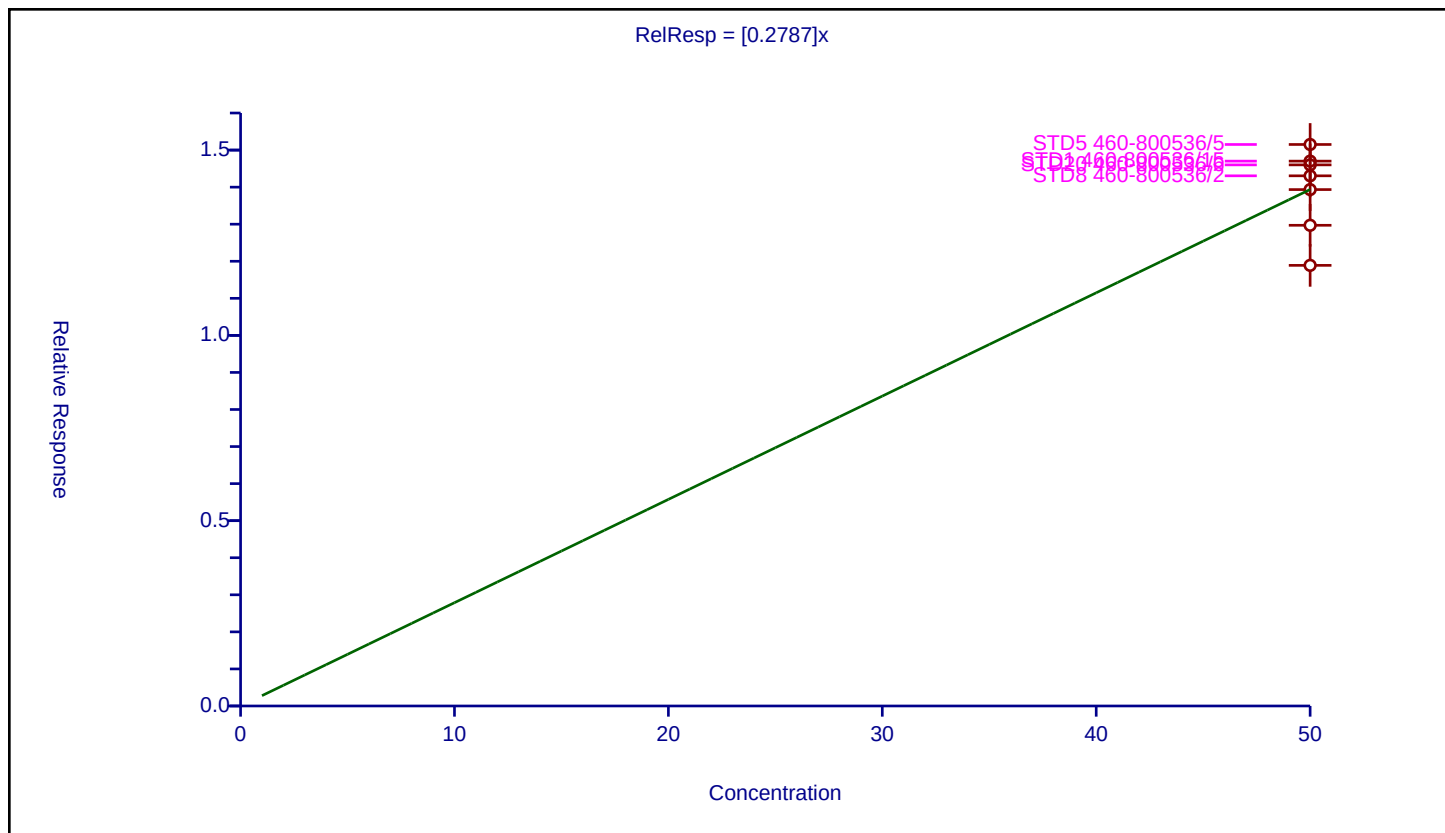
Curve Coefficients

Intercept: 0
Slope: 0.2787

Error Coefficients

Standard Error: 146000
Relative Standard Error: 8.2
Correlation Coefficient: NA
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	50.0	14.305301	50.0	671010.0	0.286106	Y
2	STD5 460-800536/5	50.0	15.150877	50.0	405828.0	0.303018	Y
3	STD20 460-800536/6	50.0	14.600215	50.0	447466.0	0.292004	Y
4	STD50 460-800536/7	50.0	13.934004	50.0	398299.0	0.27868	Y
5	STD200 460-800536/8	50.0	12.970965	50.0	444088.0	0.259419	Y
6	STD500 460-800536/9	50.0	11.889413	50.0	462096.0	0.237788	Y
7	STD1 460-800536/15	50.0	14.701926	50.0	500278.0	0.294039	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

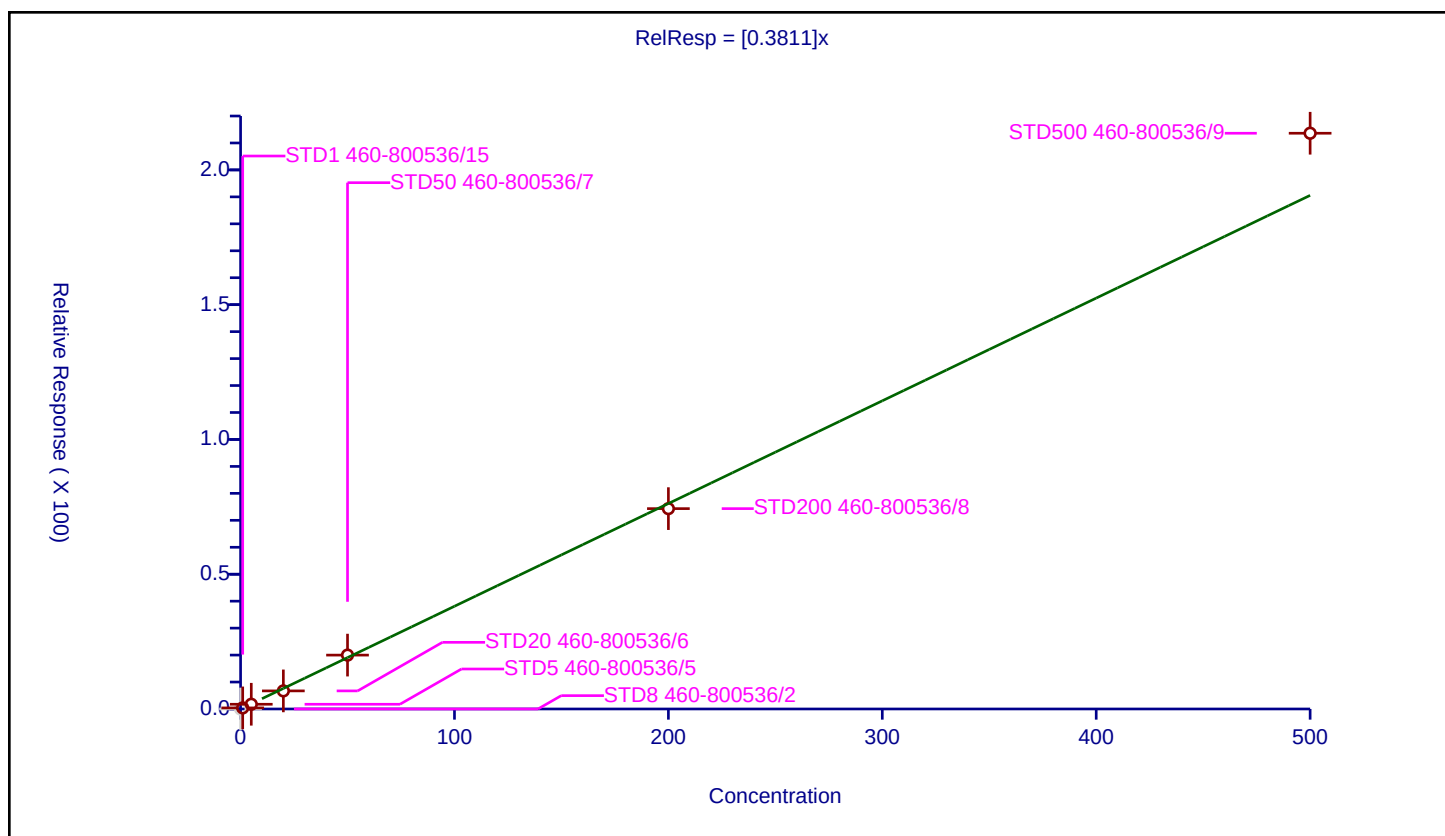
Curve Coefficients

Intercept: 0
 Slope: 0.3811

Error Coefficients

Standard Error: 934000
 Relative Standard Error: 9.1
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.402176	50.0	500278.0	0.402176	Y
3	STD5 460-800536/5	5.0	1.75259	50.0	405828.0	0.350518	Y
4	STD20 460-800536/6	20.0	6.707996	50.0	447466.0	0.3354	Y
5	STD50 460-800536/7	50.0	19.985363	50.0	398299.0	0.399707	Y
6	STD200 460-800536/8	200.0	74.332227	50.0	444088.0	0.371661	Y
7	STD500 460-800536/9	500.0	213.609618	50.0	462096.0	0.427219	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

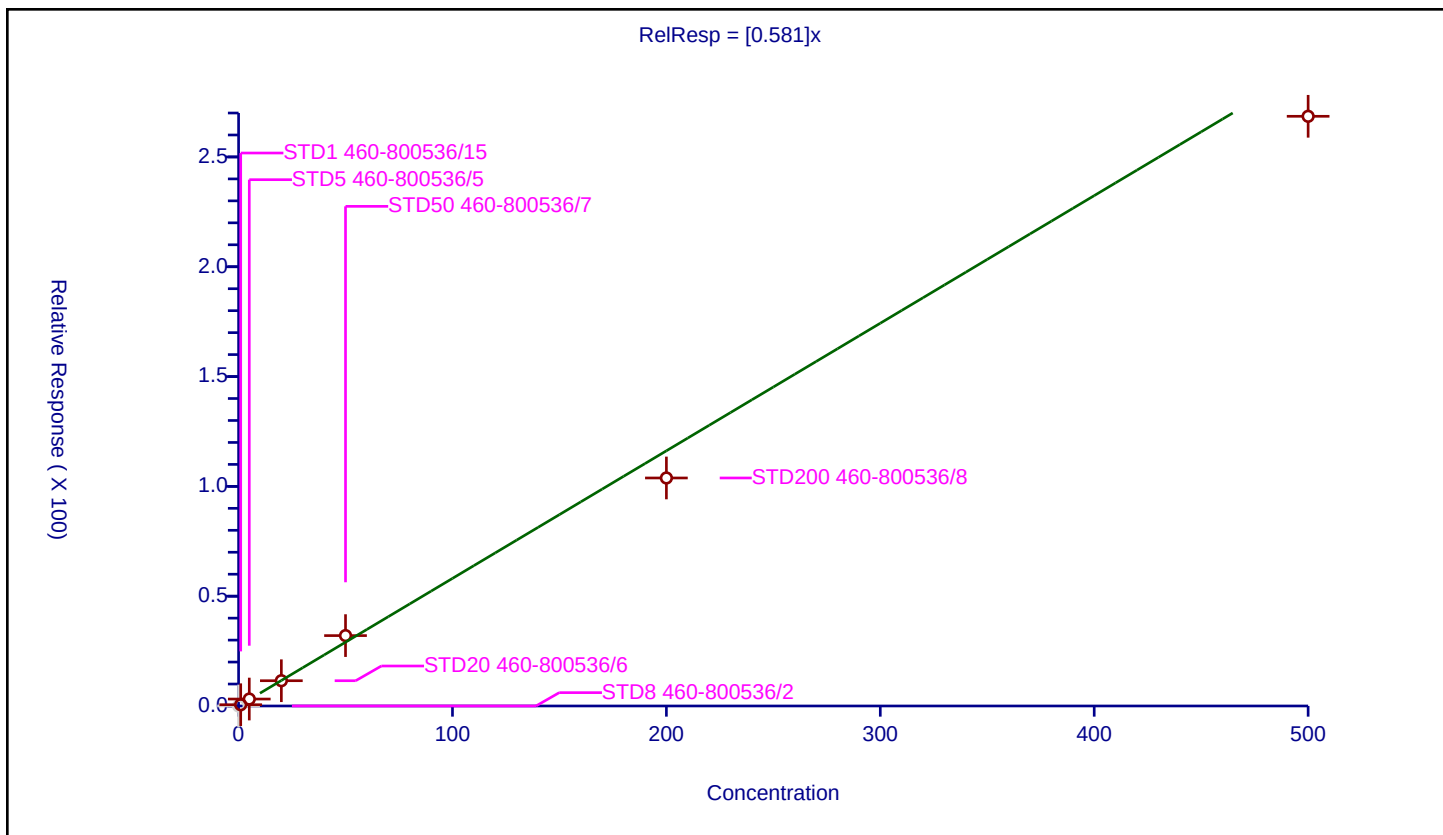
Curve Coefficients

Intercept: 0
 Slope: 0.581

Error Coefficients

Standard Error: 1190000
 Relative Standard Error: 8.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.581077	50.0	500278.0	0.581077	Y
3	STD5 460-800536/5	5.0	3.160945	50.0	405828.0	0.632189	Y
4	STD20 460-800536/6	20.0	11.51026	50.0	447466.0	0.575513	Y
5	STD50 460-800536/7	50.0	32.044519	50.0	398299.0	0.64089	Y
6	STD200 460-800536/8	200.0	103.817824	50.0	444088.0	0.519089	Y
7	STD500 460-800536/9	500.0	268.501026	50.0	462096.0	0.537002	Y



Calibration

/ Isooctane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

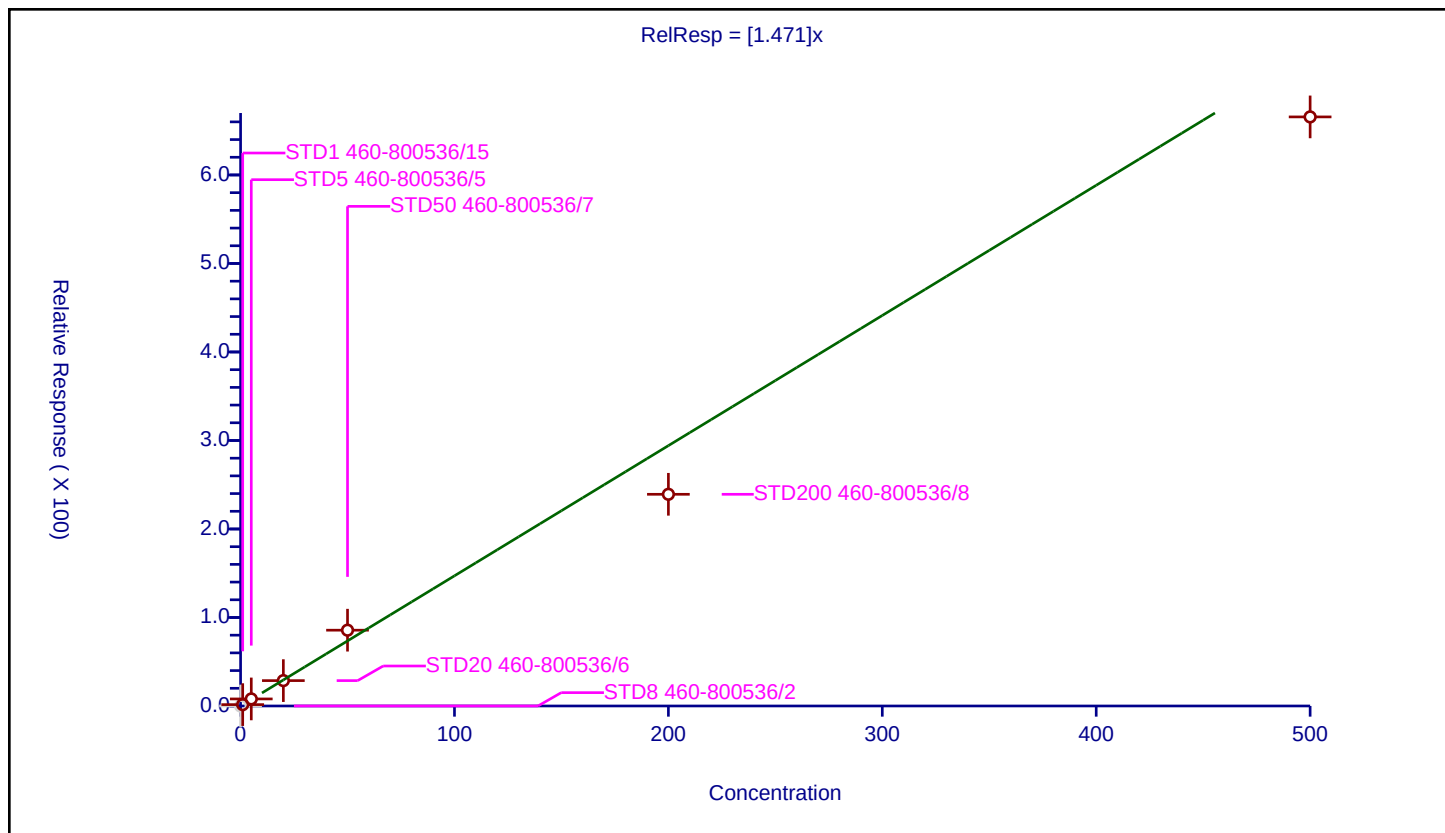
Curve Coefficients

Intercept: 0
 Slope: 1.471

Error Coefficients

Standard Error: 2930000
 Relative Standard Error: 12.8
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	1.557934	50.0	500278.0	1.557934	Y
3	STD5 460-800536/5	5.0	7.970741	50.0	405828.0	1.594148	Y
4	STD20 460-800536/6	20.0	28.665753	50.0	447466.0	1.433288	Y
5	STD50 460-800536/7	50.0	85.632653	50.0	398299.0	1.712653	Y
6	STD200 460-800536/8	200.0	239.205293	50.0	444088.0	1.196026	Y
7	STD500 460-800536/9	500.0	665.598707	50.0	462096.0	1.331197	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

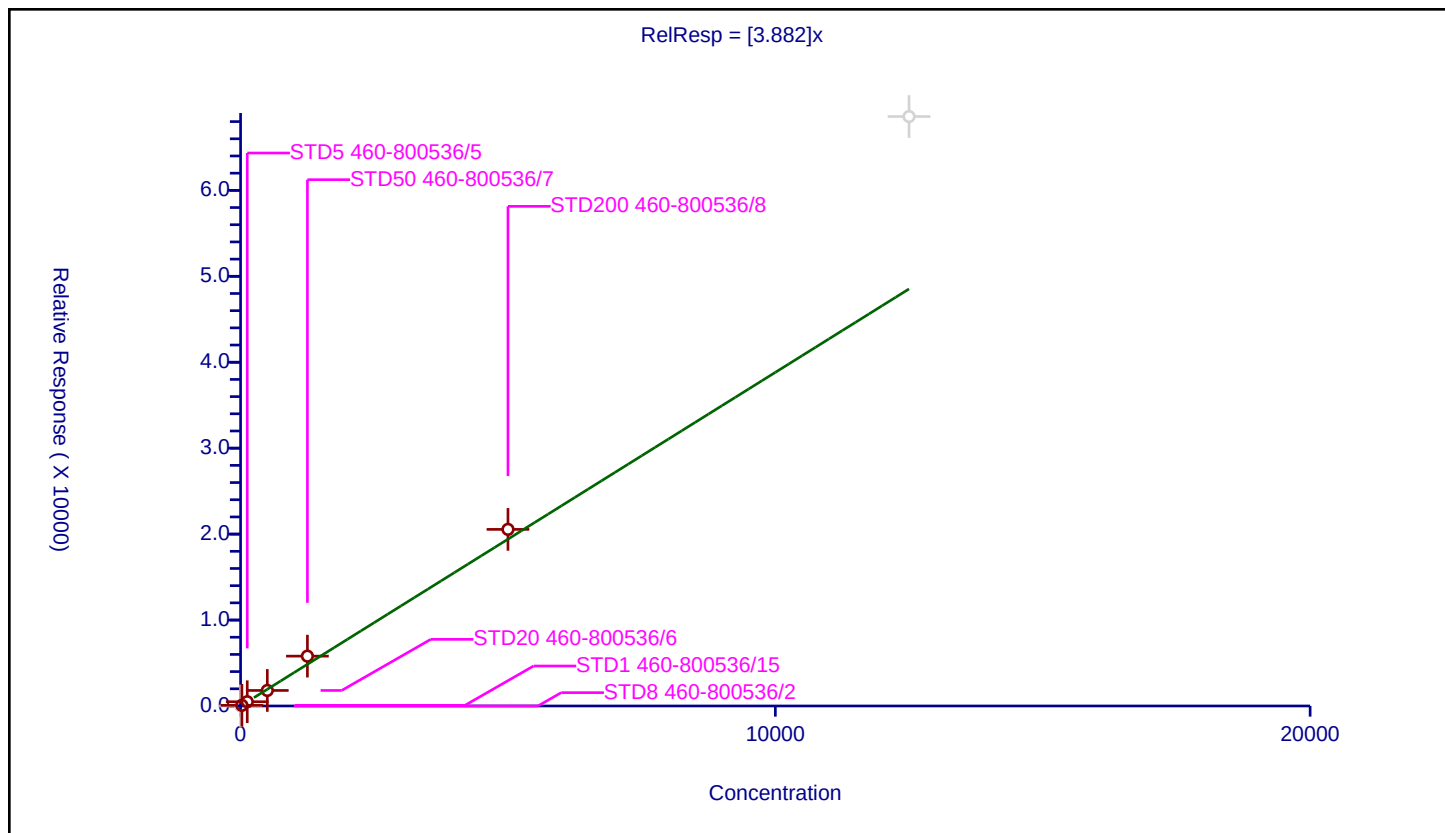
Curve Coefficients

Intercept: 0
Slope: 3.882

Error Coefficients

Standard Error: 400000
Relative Standard Error: 14.9
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	1000.0	31619.0	NaN	N
2	STD1 460-800536/15	25.0	77.142247	1000.0	42117.0	3.08569	Y
3	STD5 460-800536/5	125.0	495.151193	1000.0	24439.0	3.96121	Y
4	STD20 460-800536/6	500.0	1806.234204	1000.0	29675.0	3.612468	Y
5	STD50 460-800536/7	1250.0	5802.30239	1000.0	28579.0	4.641842	Y
6	STD200 460-800536/8	5000.0	20549.838569	1000.0	39026.0	4.109968	Y
7	STD500 460-800536/9	12500.0	68590.193263	1000.0	42481.0	5.487215	N



Calibration

/ Benzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

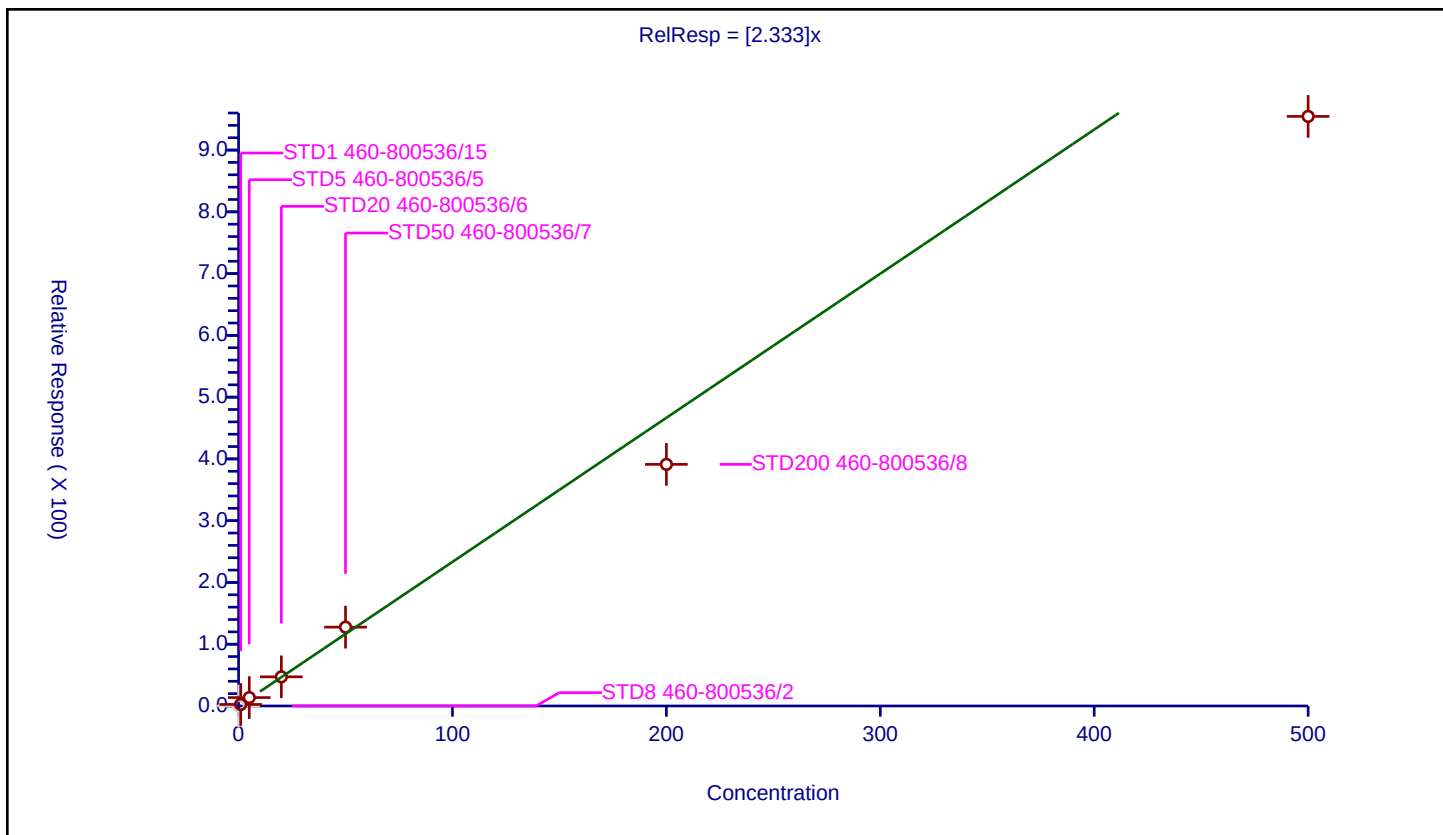
Curve Coefficients

Intercept: 0
 Slope: 2.333

Error Coefficients

Standard Error: 3190000
 Relative Standard Error: 14.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	2.499885	50.0	325535.0	2.499885	Y
3	STD5 460-800536/5	5.0	13.599554	50.0	276851.0	2.719911	Y
4	STD20 460-800536/6	20.0	47.191825	50.0	320849.0	2.359591	Y
5	STD50 460-800536/7	50.0	127.649325	50.0	289470.0	2.552986	Y
6	STD200 460-800536/8	200.0	391.176593	50.0	336905.0	1.955883	Y
7	STD500 460-800536/9	500.0	954.537139	50.0	344931.0	1.909074	Y



Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

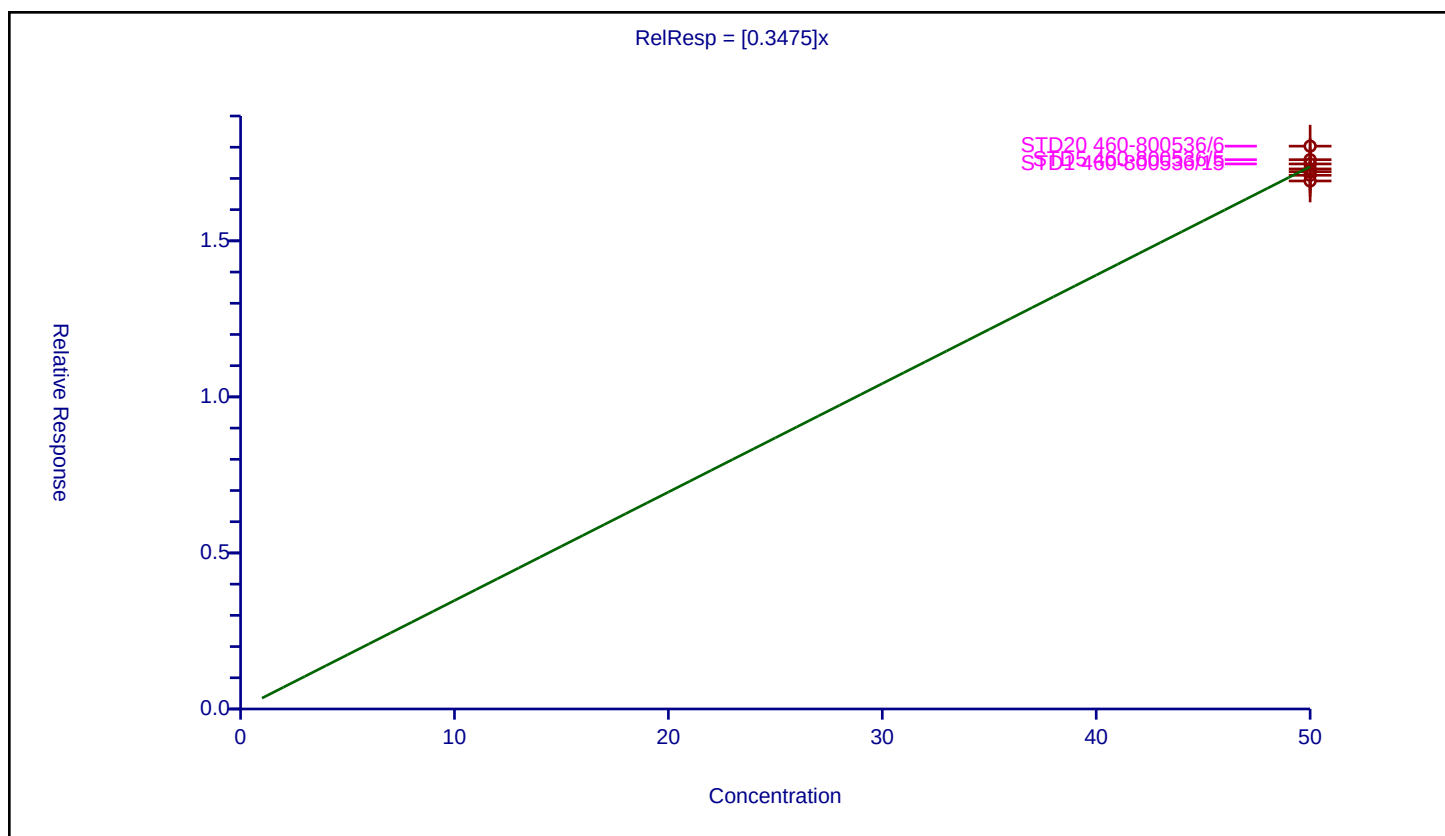
Curve Coefficients

Intercept: 0
 Slope: 0.3475

Error Coefficients

Standard Error: 181000
 Relative Standard Error: 2.1
 Correlation Coefficient: 0.00000000000000000000
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	50.0	17.304362	50.0	671010.0	0.346087	Y
2	STD5 460-800536/5	50.0	17.601545	50.0	405828.0	0.352031	Y
3	STD20 460-800536/6	50.0	18.034219	50.0	447466.0	0.360684	Y
4	STD50 460-800536/7	50.0	17.21684	50.0	398299.0	0.344337	Y
5	STD200 460-800536/8	50.0	17.10134	50.0	444088.0	0.342027	Y
6	STD500 460-800536/9	50.0	16.918346	50.0	462096.0	0.338367	Y
7	STD1 460-800536/15	50.0	17.46479	50.0	500278.0	0.349296	Y



Calibration

/ Tert-amyl methyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

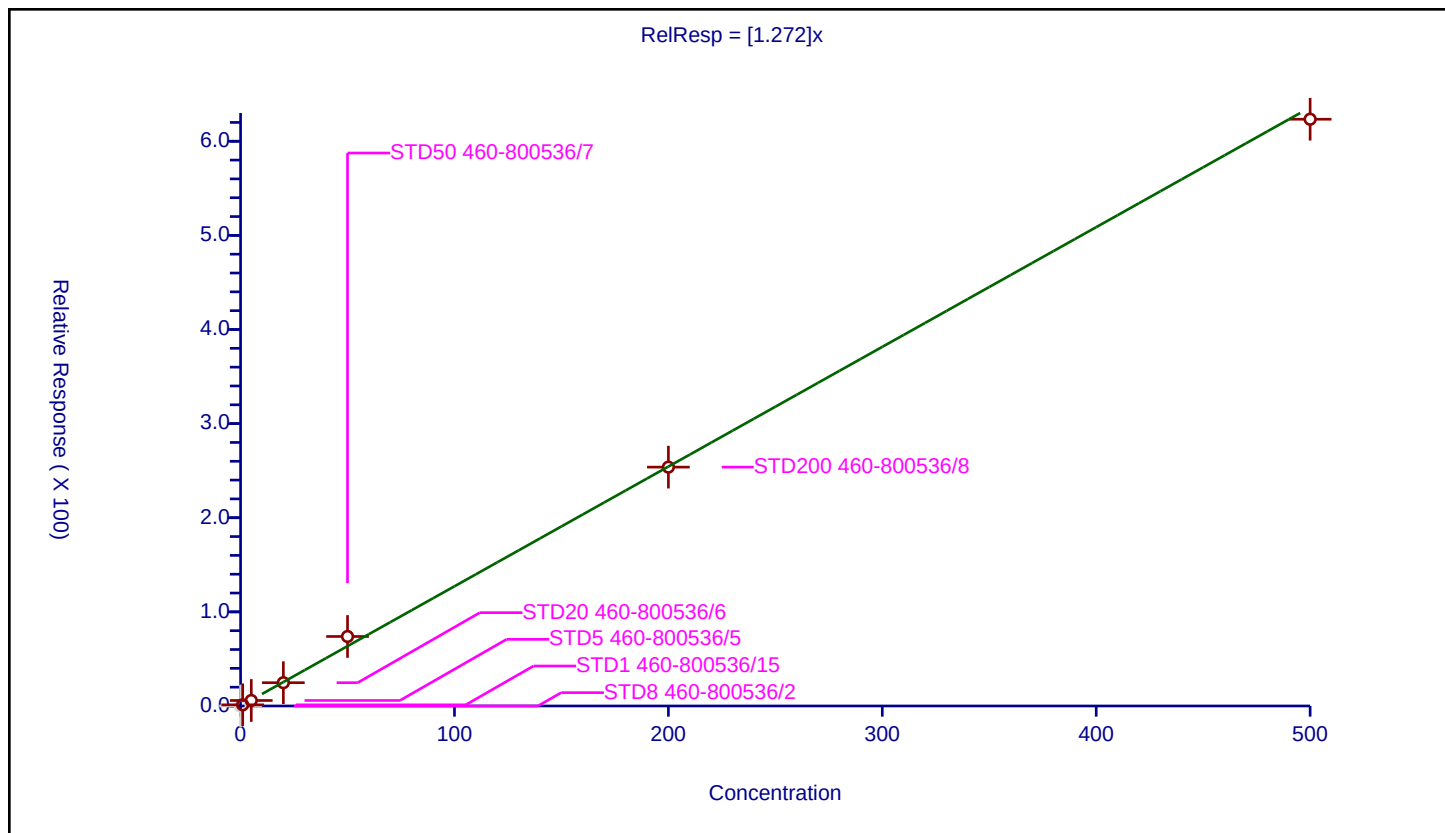
Curve Coefficients

Intercept: 0
 Slope: 1.272

Error Coefficients

Standard Error: 2780000
 Relative Standard Error: 8.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	1.232415	50.0	500278.0	1.232415	Y
3	STD5 460-800536/5	5.0	5.845333	50.0	405828.0	1.169067	Y
4	STD20 460-800536/6	20.0	24.741656	50.0	447466.0	1.237083	Y
5	STD50 460-800536/7	50.0	73.833226	50.0	398299.0	1.476665	Y
6	STD200 460-800536/8	200.0	253.770762	50.0	444088.0	1.268854	Y
7	STD500 460-800536/9	500.0	623.404444	50.0	462096.0	1.246809	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

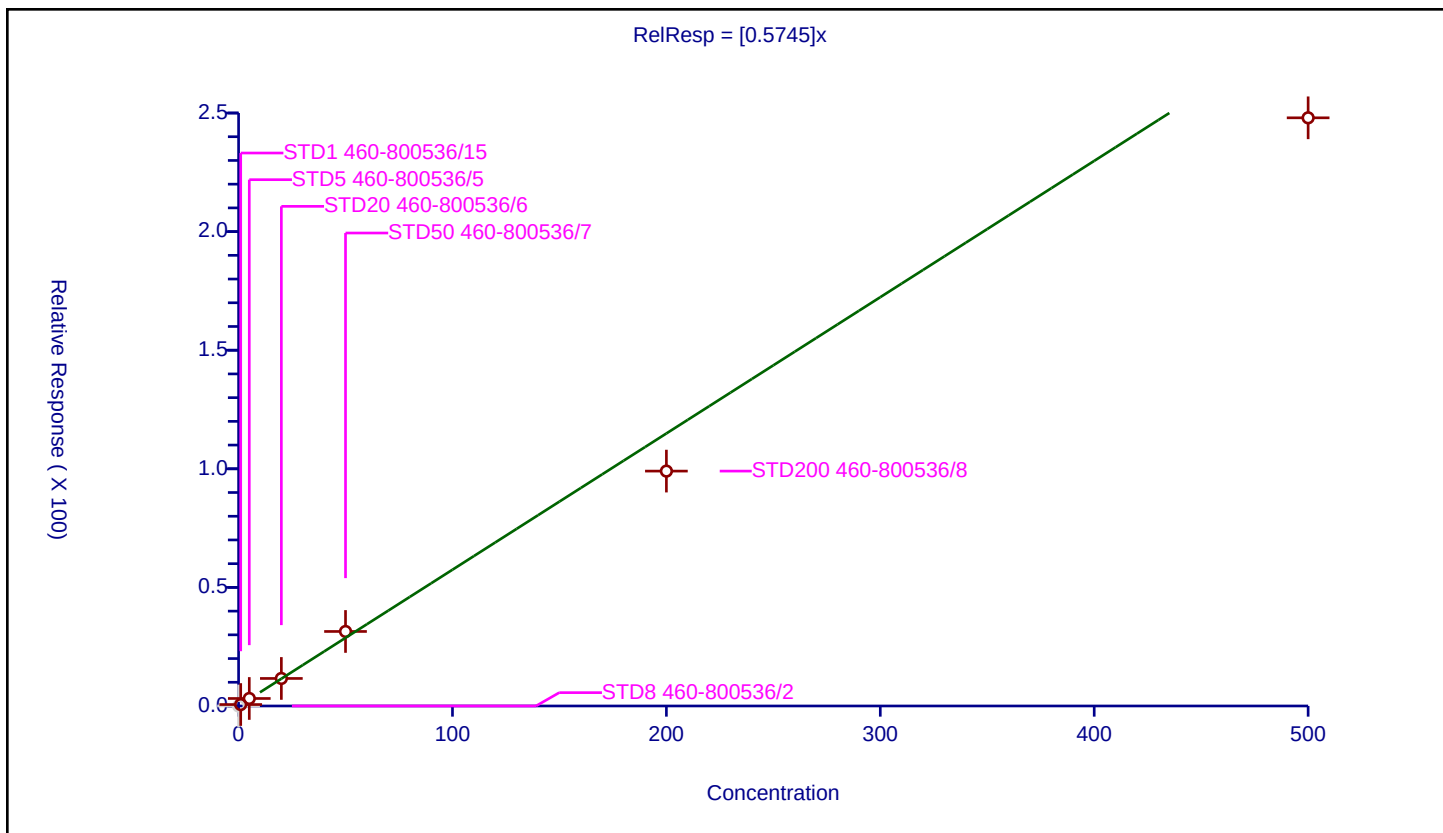
Curve Coefficients

Intercept: 0
 Slope: 0.5745

Error Coefficients

Standard Error: 1100000
 Relative Standard Error: 11.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.615458	50.0	500278.0	0.615458	Y
3	STD5 460-800536/5	5.0	3.159467	50.0	405828.0	0.631893	Y
4	STD20 460-800536/6	20.0	11.60915	50.0	447466.0	0.580458	Y
5	STD50 460-800536/7	50.0	31.415469	50.0	398299.0	0.628309	Y
6	STD200 460-800536/8	200.0	99.029697	50.0	444088.0	0.495148	Y
7	STD500 460-800536/9	500.0	247.974447	50.0	462096.0	0.495949	Y



Calibration

/ Isopropyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

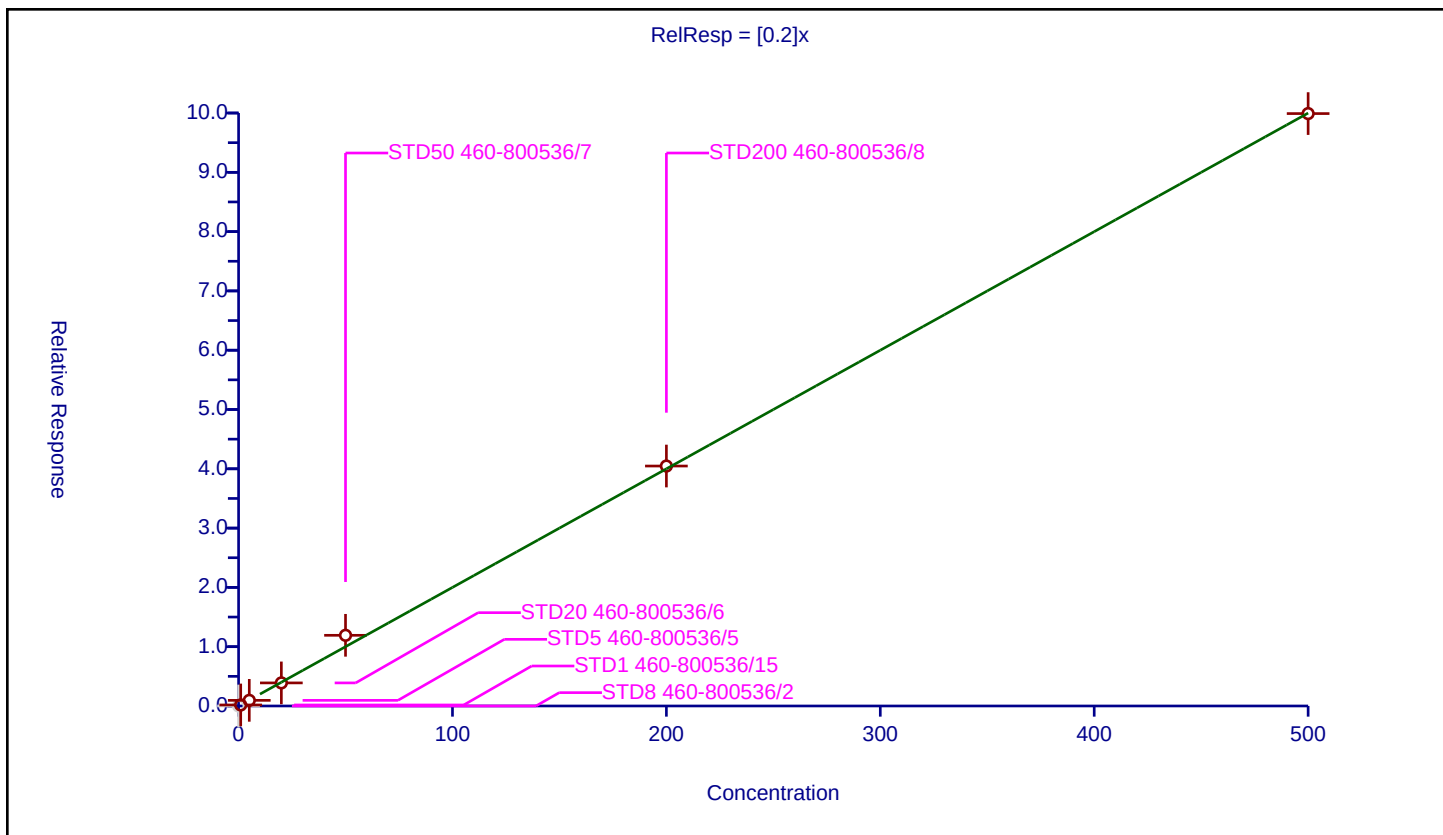
Curve Coefficients

Intercept: 0
 Slope: 0.2

Error Coefficients

Standard Error: 445000
 Relative Standard Error: 10.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.174903	50.0	500278.0	0.174903	Y
3	STD5 460-800536/5	5.0	0.949663	50.0	405828.0	0.189933	Y
4	STD20 460-800536/6	20.0	3.891022	50.0	447466.0	0.194551	Y
5	STD50 460-800536/7	50.0	11.918182	50.0	398299.0	0.238364	Y
6	STD200 460-800536/8	200.0	40.466642	50.0	444088.0	0.202333	Y
7	STD500 460-800536/9	500.0	99.903375	50.0	462096.0	0.199807	Y



Calibration

/ n-Heptane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

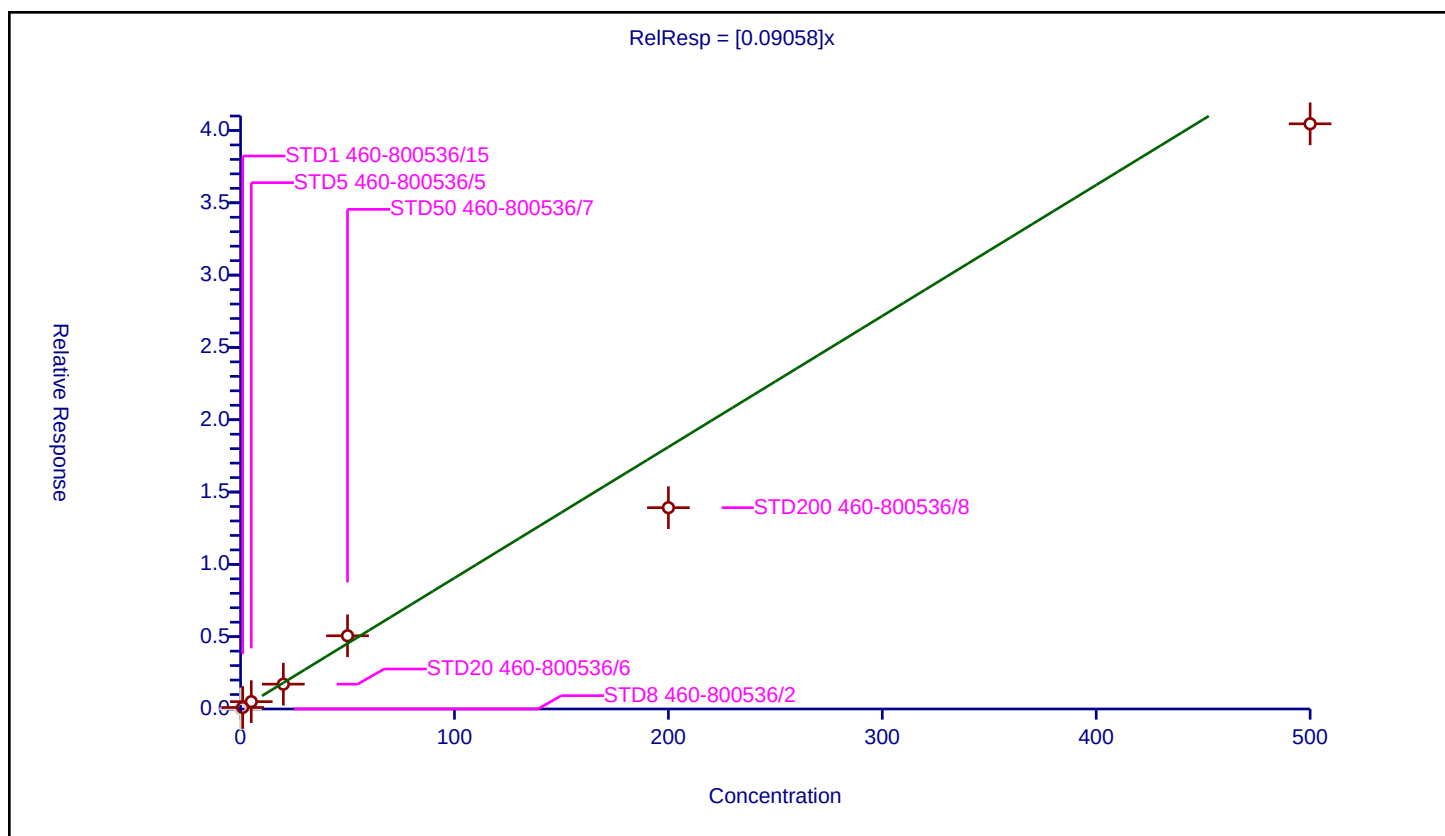
Curve Coefficients

Intercept: 0
 Slope: 0.09058

Error Coefficients

Standard Error: 177000
 Relative Standard Error: 15.5
 Correlation Coefficient: 0.995
 Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.104442	50.0	500278.0	0.104442	Y
3	STD5 460-800536/5	5.0	0.507111	50.0	405828.0	0.101422	Y
4	STD20 460-800536/6	20.0	1.716667	50.0	447466.0	0.085833	Y
5	STD50 460-800536/7	50.0	5.062403	50.0	398299.0	0.101248	Y
6	STD200 460-800536/8	200.0	13.918976	50.0	444088.0	0.069595	Y
7	STD500 460-800536/9	500.0	40.46183	50.0	462096.0	0.080924	Y



Calibration

/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

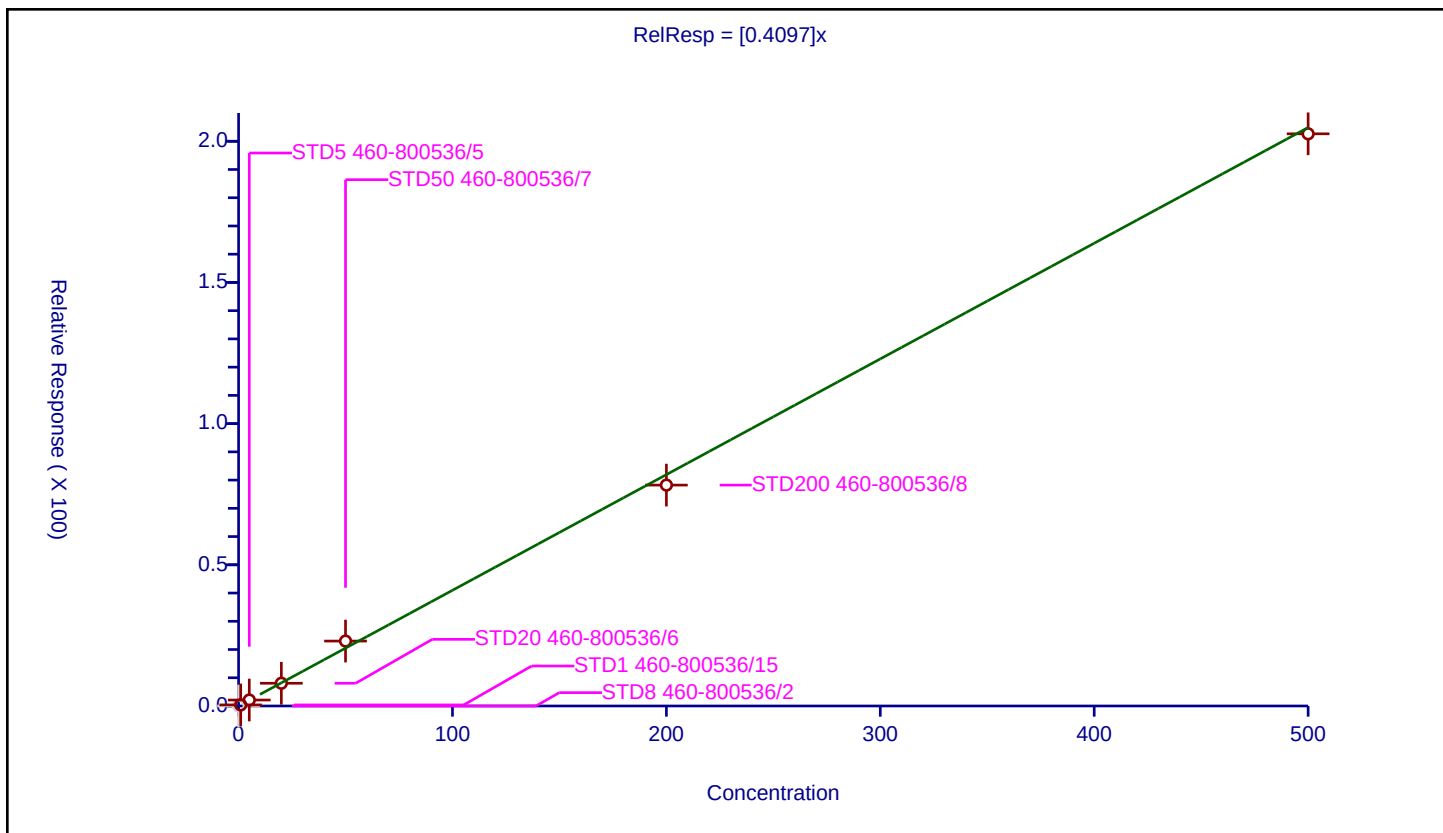
Curve Coefficients

Intercept: 0
 Slope: 0.4097

Error Coefficients

Standard Error: 898000
 Relative Standard Error: 7.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.37789	50.0	500278.0	0.37789	Y
3	STD5 460-800536/5	5.0	2.108159	50.0	405828.0	0.421632	Y
4	STD20 460-800536/6	20.0	8.050556	50.0	447466.0	0.402528	Y
5	STD50 460-800536/7	50.0	22.990015	50.0	398299.0	0.4598	Y
6	STD200 460-800536/8	200.0	78.231229	50.0	444088.0	0.391156	Y
7	STD500 460-800536/9	500.0	202.635708	50.0	462096.0	0.405271	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

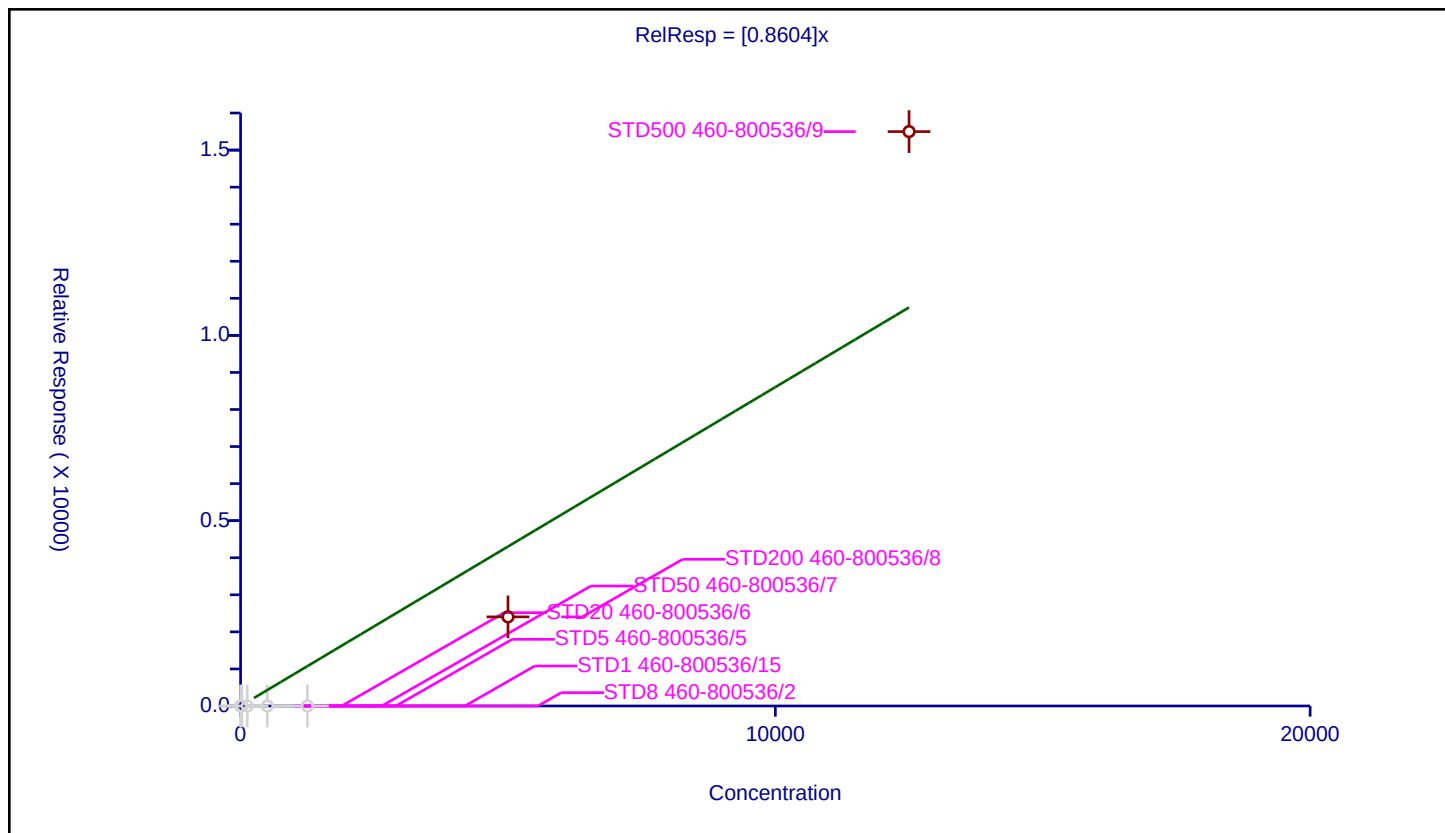
Curve Coefficients

Intercept: 0
Slope: 0.8604

Error Coefficients

Standard Error: 654000
Relative Standard Error: 62.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.695

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	1000.0	31619.0	NaN	N
2	STD1 460-800536/15	25.0	0.0	1000.0	42117.0	0.0	N
3	STD5 460-800536/5	125.0	0.0	1000.0	24439.0	0.0	N
4	STD20 460-800536/6	500.0	0.0	1000.0	29675.0	0.0	N
5	STD50 460-800536/7	1250.0	0.0	1000.0	28579.0	0.0	N
6	STD200 460-800536/8	5000.0	2404.089581	1000.0	39026.0	0.480818	Y
7	STD500 460-800536/9	12500.0	15498.764153	1000.0	42481.0	1.239901	Y



Calibration

/ Ethyl acrylate

Curve Type: Quadratic
Weighting: Conc_Sq
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

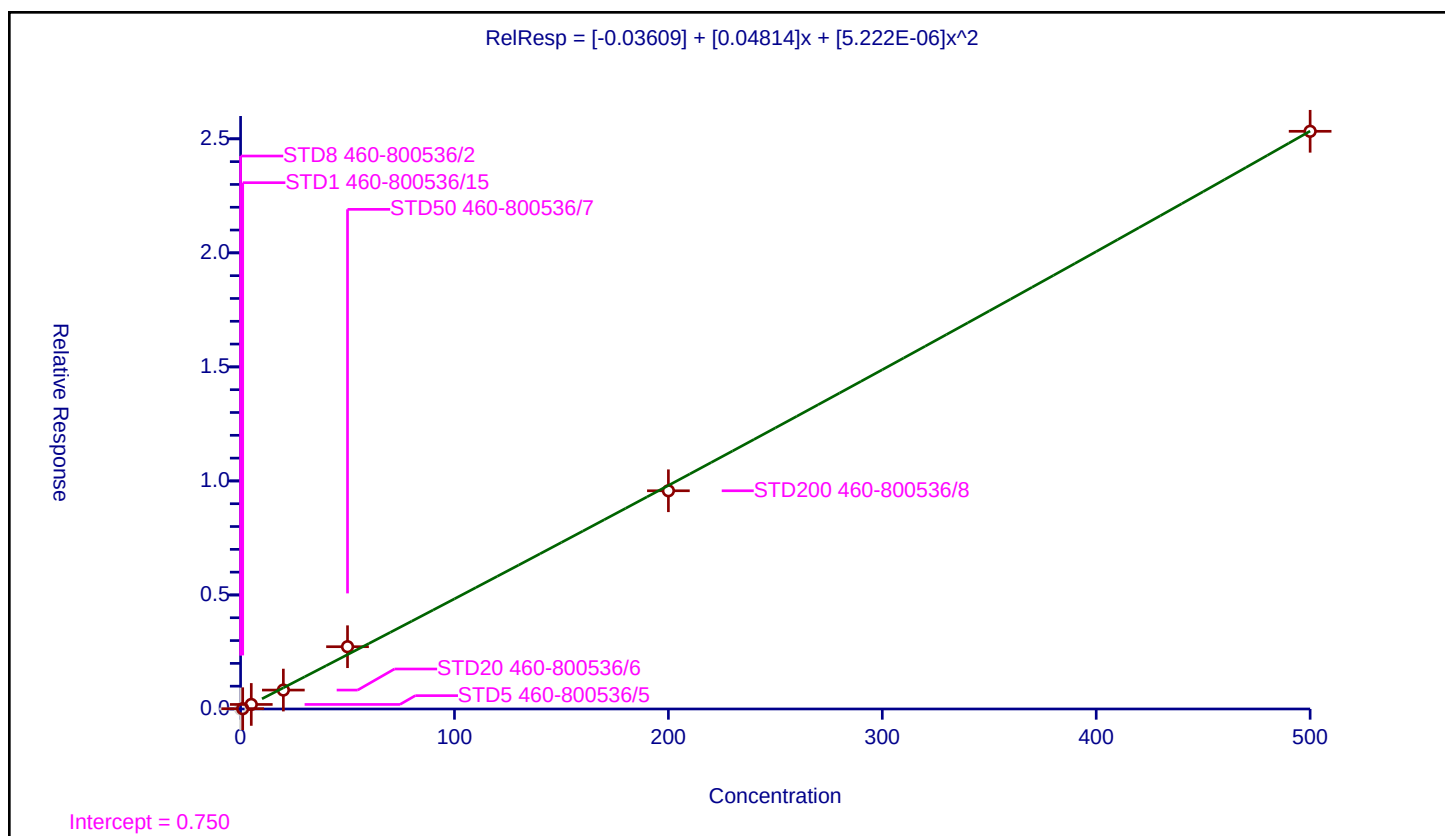
Curve Coefficients

Intercept: -0.03609
Slope: 0.04814
Second Order: 5.222E-06

Error Coefficients

Standard Error: 144000
Relative Standard Error: 10.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.012393	50.0	500278.0	0.012393	Y
3	STD5 460-800536/5	5.0	0.199099	50.0	405828.0	0.03982	Y
4	STD20 460-800536/6	20.0	0.829337	50.0	447466.0	0.041467	Y
5	STD50 460-800536/7	50.0	2.731114	50.0	398299.0	0.054622	Y
6	STD200 460-800536/8	200.0	9.568149	50.0	444088.0	0.047841	Y
7	STD500 460-800536/9	500.0	25.329802	50.0	462096.0	0.05066	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

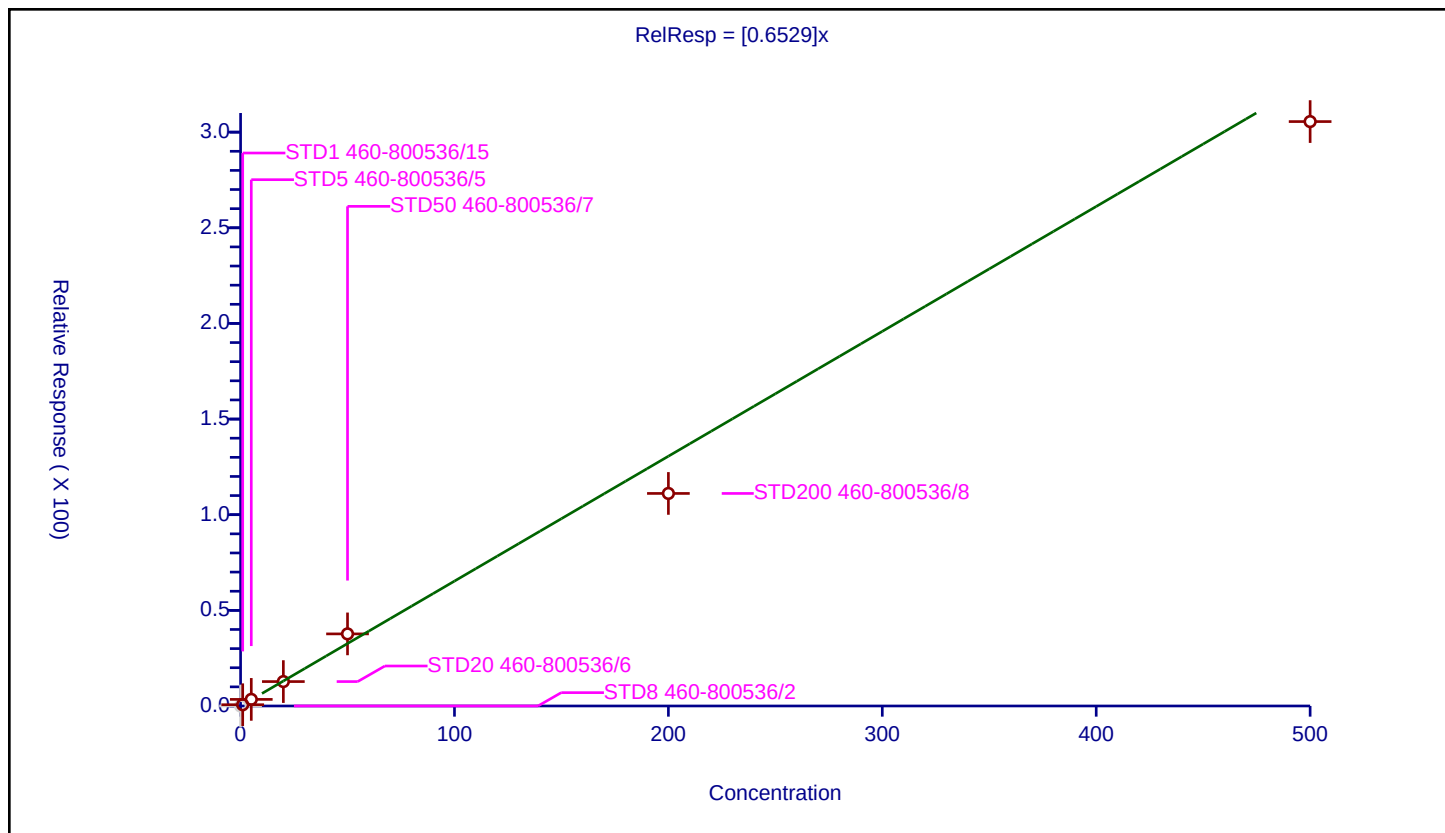
Curve Coefficients

Intercept: 0
 Slope: 0.6529

Error Coefficients

Standard Error: 1350000
 Relative Standard Error: 10.5
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.667729	50.0	500278.0	0.667729	Y
3	STD5 460-800536/5	5.0	3.454666	50.0	405828.0	0.690933	Y
4	STD20 460-800536/6	20.0	12.762646	50.0	447466.0	0.638132	Y
5	STD50 460-800536/7	50.0	37.688144	50.0	398299.0	0.753763	Y
6	STD200 460-800536/8	200.0	111.110411	50.0	444088.0	0.555552	Y
7	STD500 460-800536/9	500.0	305.521039	50.0	462096.0	0.611042	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

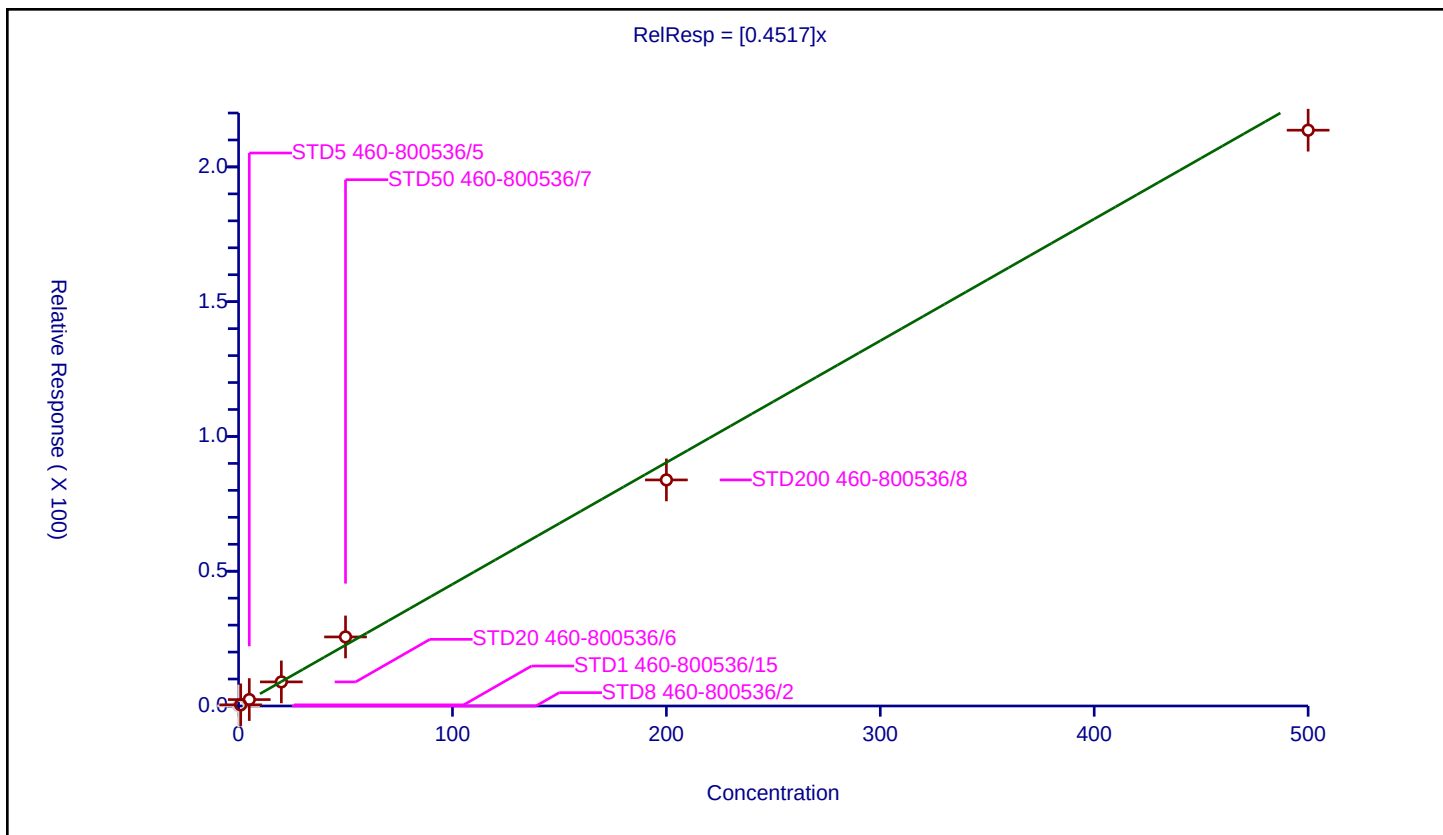
Curve Coefficients

Intercept: 0
 Slope: 0.4517

Error Coefficients

Standard Error: 949000
 Relative Standard Error: 8.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.428462	50.0	500278.0	0.428462	Y
3	STD5 460-800536/5	5.0	2.379456	50.0	405828.0	0.475891	Y
4	STD20 460-800536/6	20.0	8.934981	50.0	447466.0	0.446749	Y
5	STD50 460-800536/7	50.0	25.624217	50.0	398299.0	0.512484	Y
6	STD200 460-800536/8	200.0	83.877632	50.0	444088.0	0.419388	Y
7	STD500 460-800536/9	500.0	213.624009	50.0	462096.0	0.427248	Y



Calibration

/ Methyl methacrylate

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

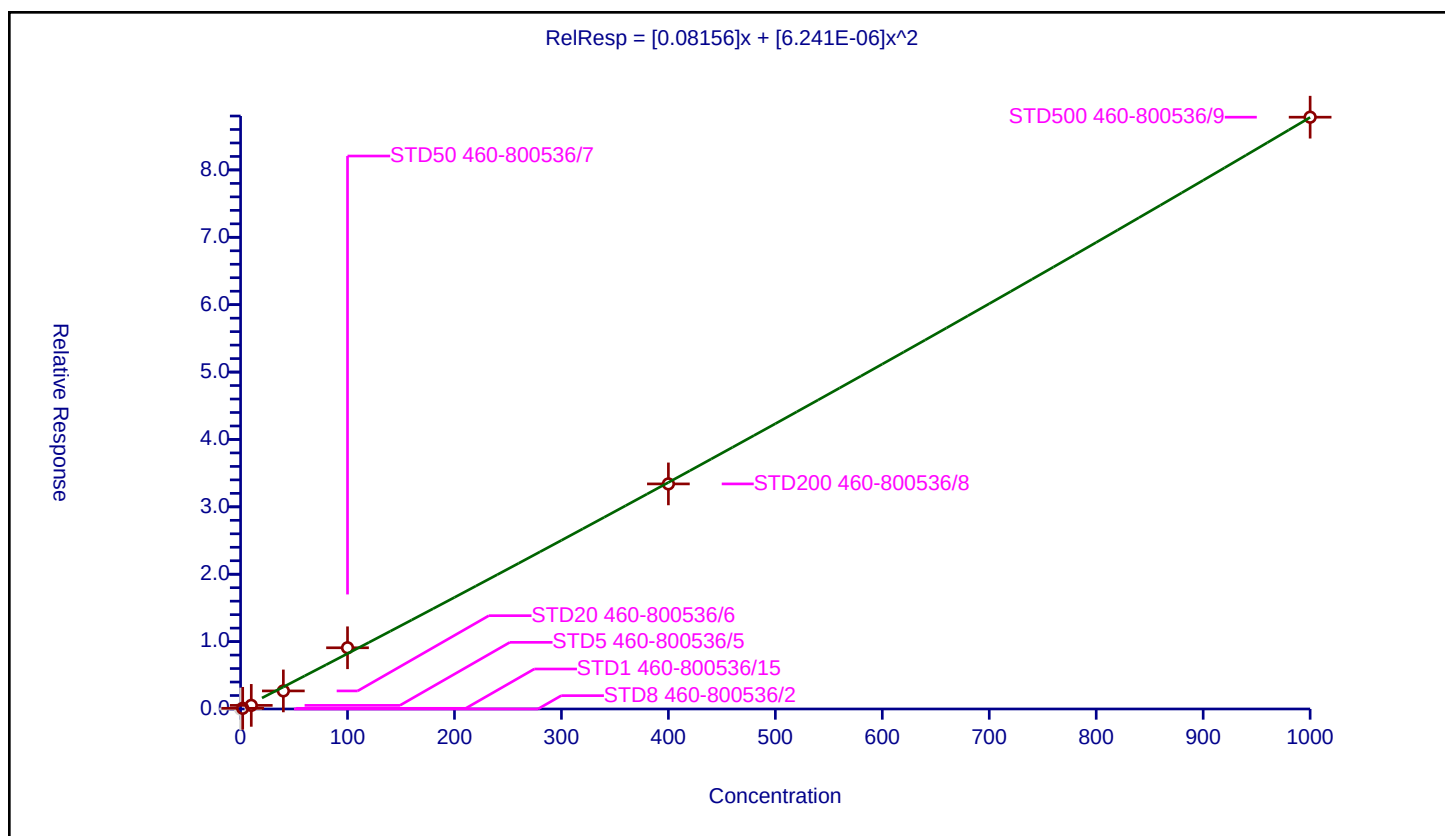
Curve Coefficients

Intercept: 0
 Slope: 0.08156
 Second Order: 6.241E-06

Error Coefficients

Standard Error: 434000
 Relative Standard Error: 27.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	2.0	0.101544	50.0	500278.0	0.050772	Y
3	STD5 460-800536/5	10.0	0.53742	50.0	405828.0	0.053742	Y
4	STD20 460-800536/6	40.0	2.682774	50.0	447466.0	0.067069	Y
5	STD50 460-800536/7	100.0	9.084256	50.0	398299.0	0.090843	Y
6	STD200 460-800536/8	400.0	33.403515	50.0	444088.0	0.083509	Y
7	STD500 460-800536/9	1000.0	87.826988	50.0	462096.0	0.087827	Y



Calibration

/ Dibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

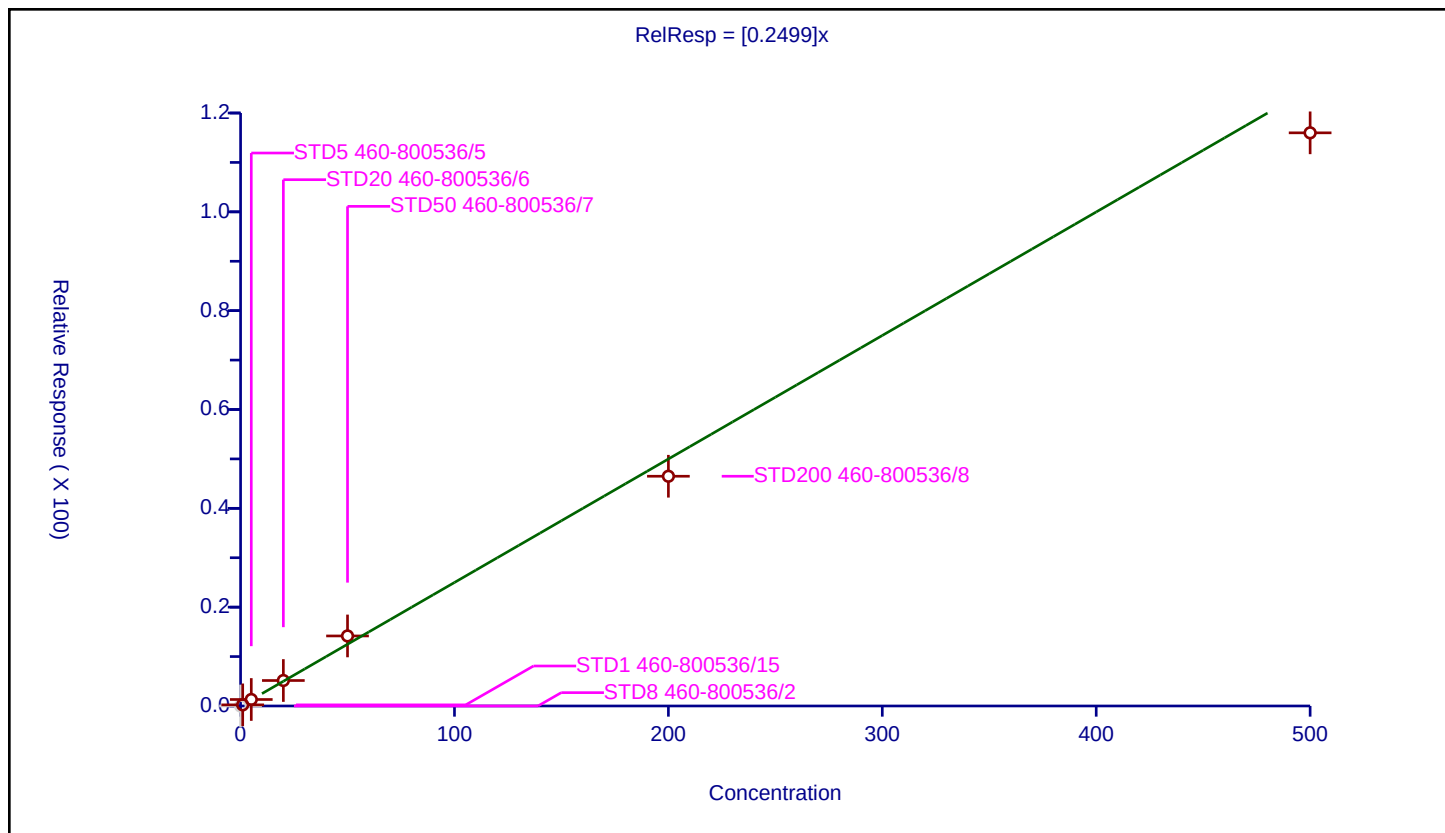
Curve Coefficients

Intercept: 0
 Slope: 0.2499

Error Coefficients

Standard Error: 517000
 Relative Standard Error: 8.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.231171	50.0	500278.0	0.231171	Y
3	STD5 460-800536/5	5.0	1.312995	50.0	405828.0	0.262599	Y
4	STD20 460-800536/6	20.0	5.157934	50.0	447466.0	0.257897	Y
5	STD50 460-800536/7	50.0	14.174276	50.0	398299.0	0.283486	Y
6	STD200 460-800536/8	200.0	46.492362	50.0	444088.0	0.232462	Y
7	STD500 460-800536/9	500.0	115.987695	50.0	462096.0	0.231975	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

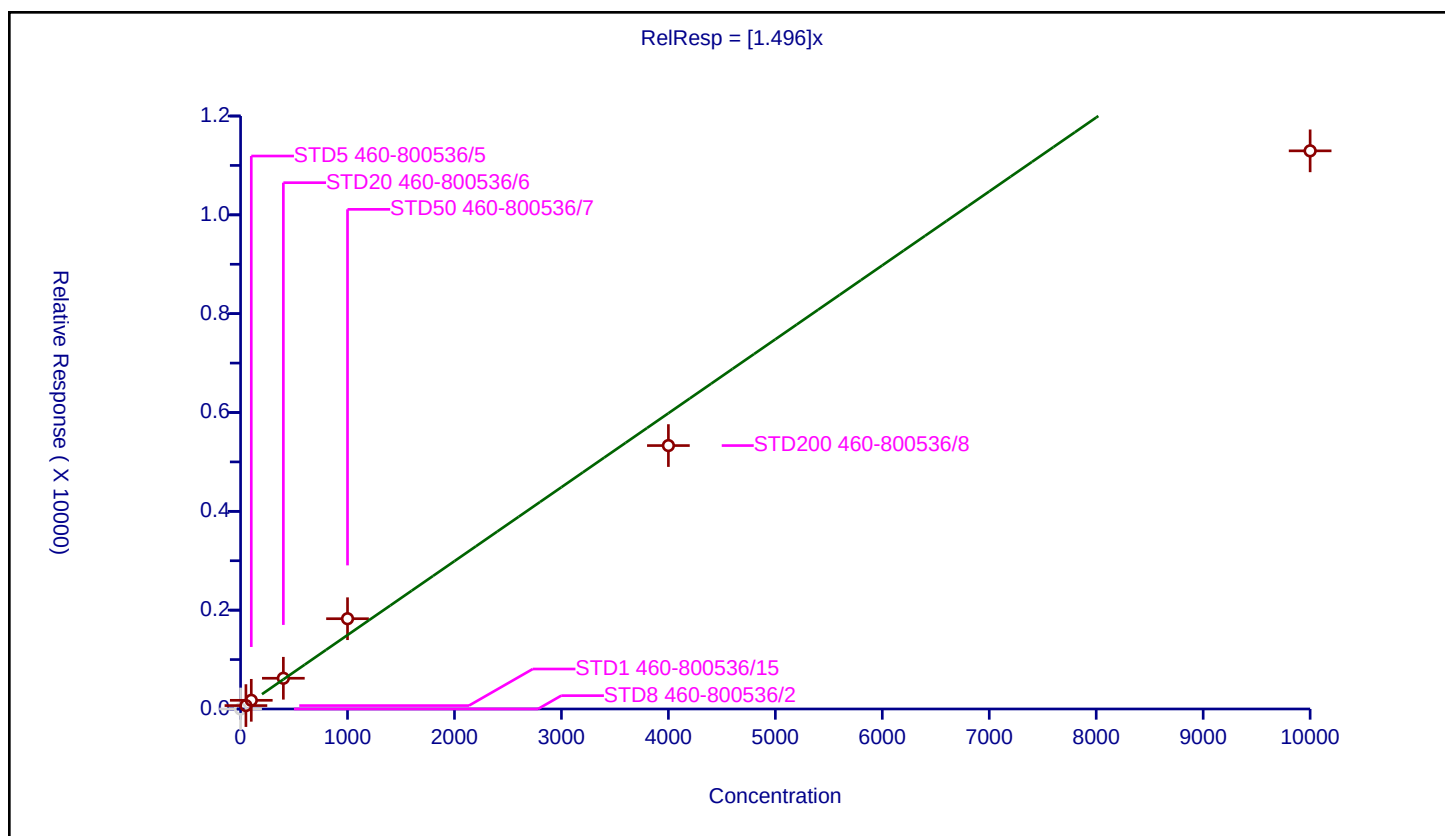
Curve Coefficients

Intercept: 0
Slope: 1.496

Error Coefficients

Standard Error: 162000
Relative Standard Error: 17.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.959

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	1000.0	23423.0	NaN	N
2	STD1 460-800536/15	50.000062	68.961842	1000.0	18764.0	1.379235	Y
3	STD5 460-800536/5	100.0	175.454143	1000.0	15799.0	1.754541	Y
4	STD20 460-800536/6	400.0	621.962037	1000.0	22548.0	1.554905	Y
5	STD50 460-800536/7	1000.0	1826.725545	1000.0	20834.0	1.826726	Y
6	STD200 460-800536/8	4000.0	5330.907327	1000.0	24732.0	1.332727	Y
7	STD500 460-800536/9	10000.0	11294.98989	1000.0	31157.0	1.129499	Y



Calibration

/ n-Propyl acetate

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

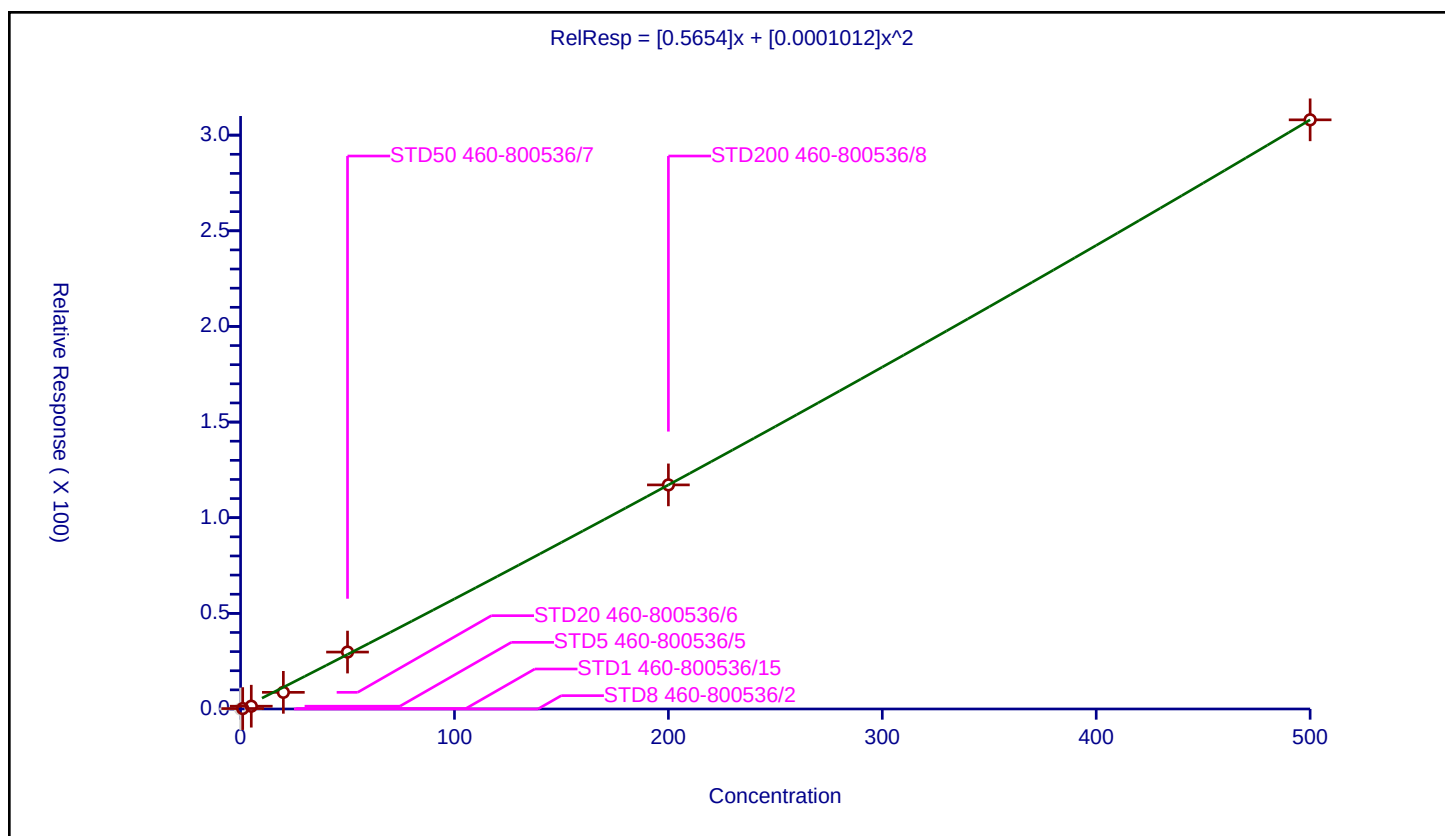
Curve Coefficients

Intercept: 0
 Slope: 0.5654
 Second Order: 0.0001012

Error Coefficients

Standard Error: 1520000
 Relative Standard Error: 41.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.210283	50.0	500278.0	0.210283	Y
3	STD5 460-800536/5	5.0	1.456775	50.0	405828.0	0.291355	Y
4	STD20 460-800536/6	20.0	8.7115	50.0	447466.0	0.435575	Y
5	STD50 460-800536/7	50.0	29.75428	50.0	398299.0	0.595086	Y
6	STD200 460-800536/8	200.0	117.155384	50.0	444088.0	0.585777	Y
7	STD500 460-800536/9	500.0	308.006994	50.0	462096.0	0.616014	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

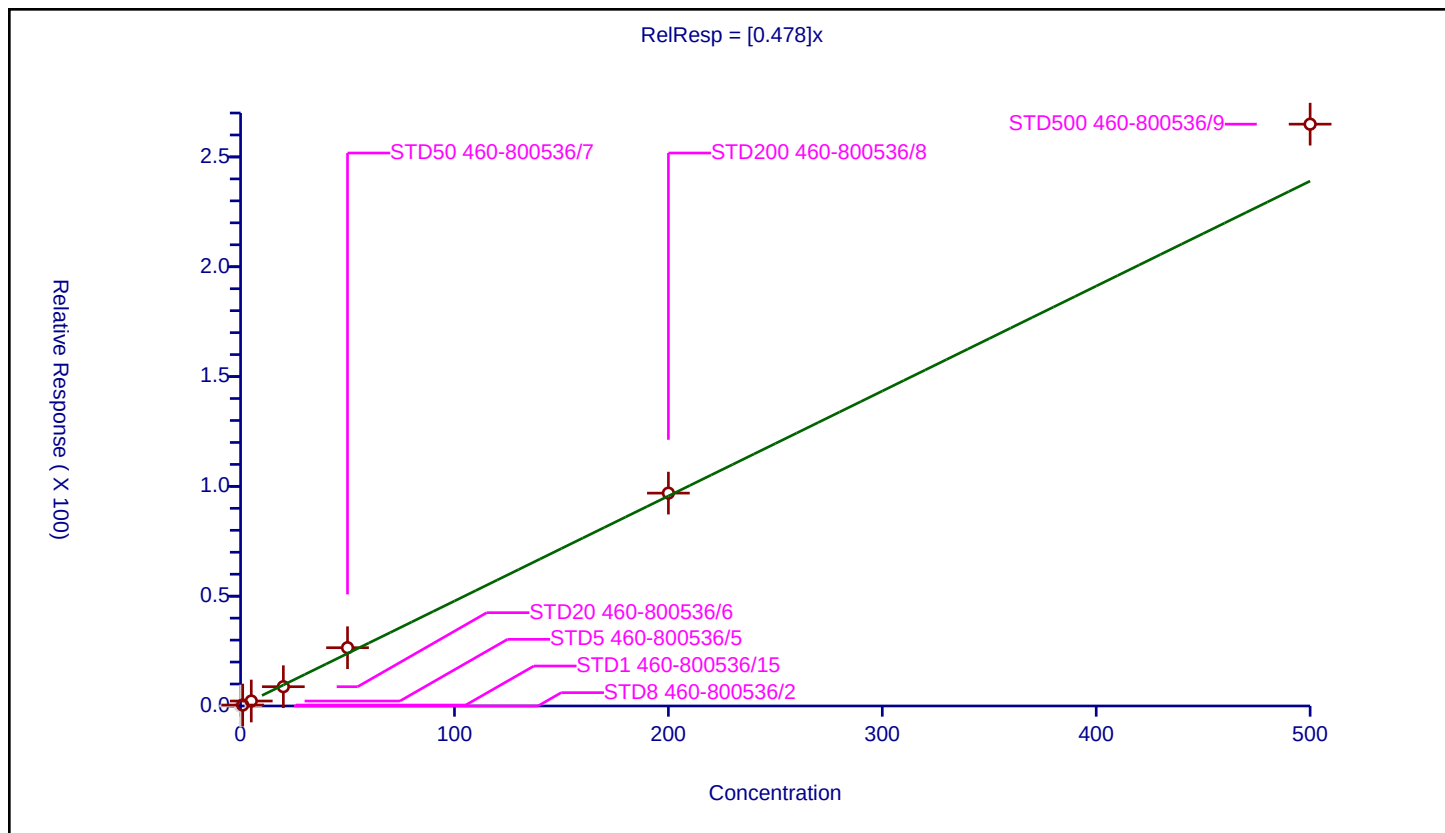
Curve Coefficients

Intercept: 0
 Slope: 0.478

Error Coefficients

Standard Error: 1160000
 Relative Standard Error: 9.3
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0	0.430661	50.0	500278.0	0.430661	Y
3	STD5 460-800536/5	5.0	2.265122	50.0	405828.0	0.453024	Y
4	STD20 460-800536/6	20.0	8.785695	50.0	447466.0	0.439285	Y
5	STD50 460-800536/7	50.0	26.533961	50.0	398299.0	0.530679	Y
6	STD200 460-800536/8	200.0	96.92043	50.0	444088.0	0.484602	Y
7	STD500 460-800536/9	500.0	264.922657	50.0	462096.0	0.529845	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

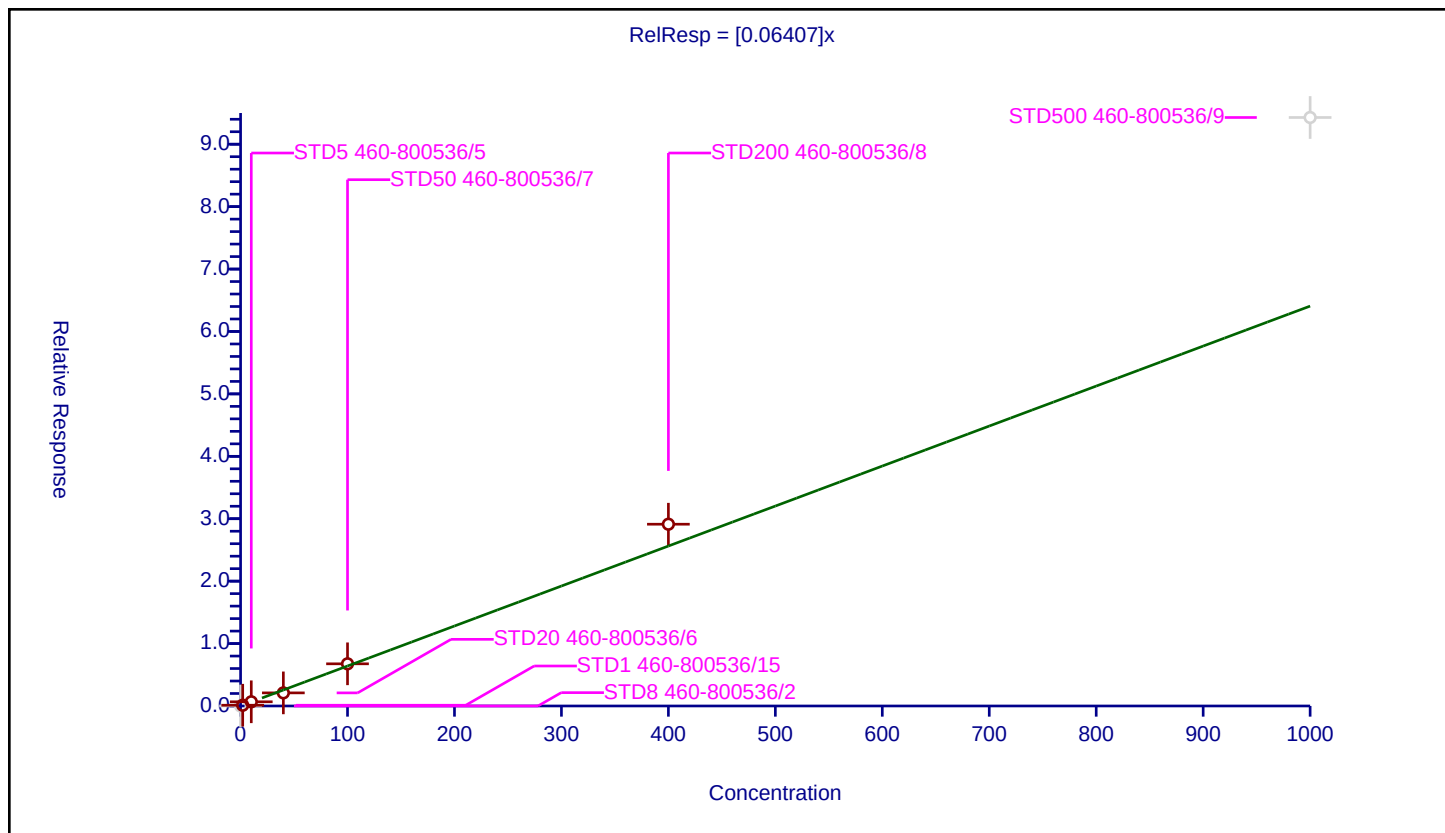
Curve Coefficients

Intercept: 0
 Slope: 0.06407

Error Coefficients

Standard Error: 132000
 Relative Standard Error: 12.2
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	2.0	0.120533	50.0	500278.0	0.060266	Y
3	STD5 460-800536/5	10.0	0.67159	50.0	405828.0	0.067159	Y
4	STD20 460-800536/6	40.0	2.10083	50.0	447466.0	0.052521	Y
5	STD50 460-800536/7	100.0	6.757988	50.0	398299.0	0.06758	Y
6	STD200 460-800536/8	400.0	29.122832	50.0	444088.0	0.072807	Y
7	STD500 460-800536/9	1000.0	94.280517	50.0	462096.0	0.094281	N



Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

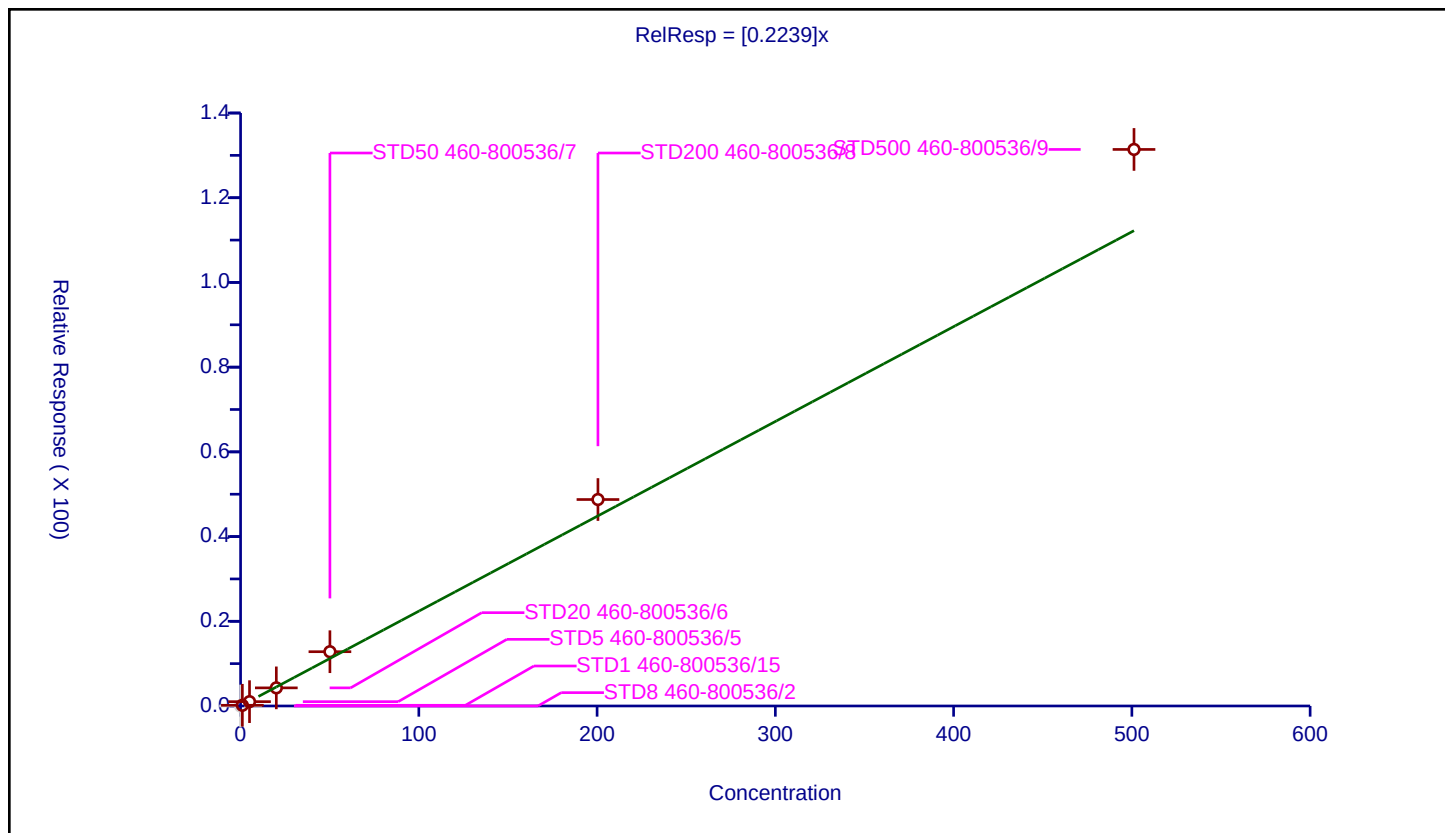
Curve Coefficients

Intercept: 0
 Slope: 0.2239

Error Coefficients

Standard Error: 579000
 Relative Standard Error: 16.5
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	671010.0	NaN	N
2	STD1 460-800536/15	1.0024	0.165308	50.0	500278.0	0.164912	Y
3	STD5 460-800536/5	5.012	1.022724	50.0	405828.0	0.204055	Y
4	STD20 460-800536/6	20.048	4.279431	50.0	447466.0	0.213459	Y
5	STD50 460-800536/7	50.12	12.815749	50.0	398299.0	0.255701	Y
6	STD200 460-800536/8	200.48	48.743605	50.0	444088.0	0.243135	Y
7	STD500 460-800536/9	501.2	131.397047	50.0	462096.0	0.262165	Y



Calibration

/ Epichlorohydrin

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

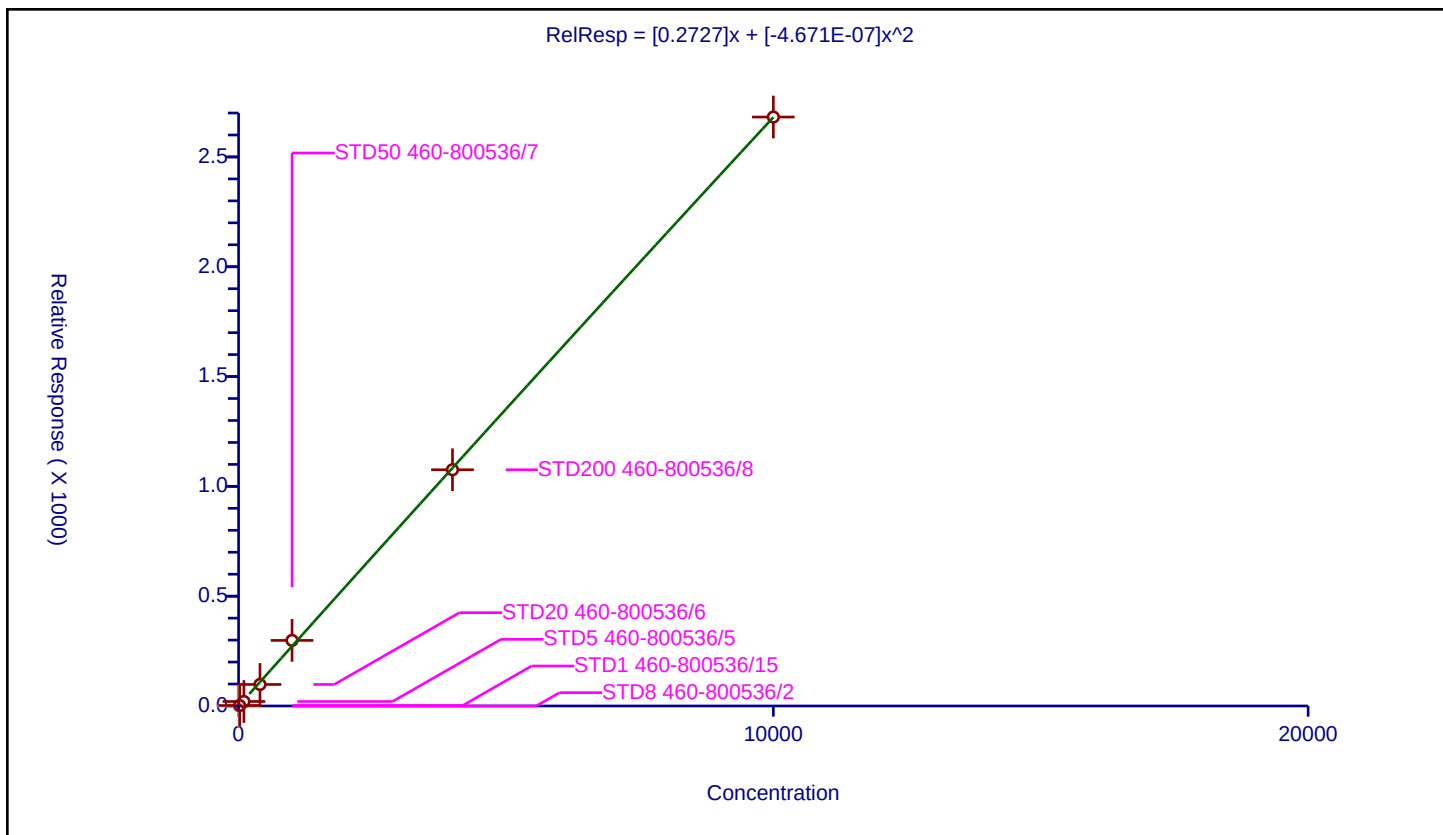
Curve Coefficients

Intercept: 0
 Slope: 0.2727
 Second Order: -4.671E-07

Error Coefficients

Standard Error: 2100000
 Relative Standard Error: 33.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	5.000009	0.0	250.0	411419.0	0.0	N
2	STD1 460-800536/15	20.000035	2.146488	250.0	322853.0	0.107324	Y
3	STD5 460-800536/5	100.000173	20.479693	250.0	261271.0	0.204797	Y
4	STD20 460-800536/6	400.000692	98.094253	250.0	303713.0	0.245235	Y
5	STD50 460-800536/7	1000.00173	298.662892	250.0	281503.0	0.298662	Y
6	STD200 460-800536/8	4000.00692	1075.657279	250.0	336729.0	0.268914	Y
7	STD500 460-800536/9	10000.0173	2681.721201	250.0	366988.0	0.268172	Y



Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

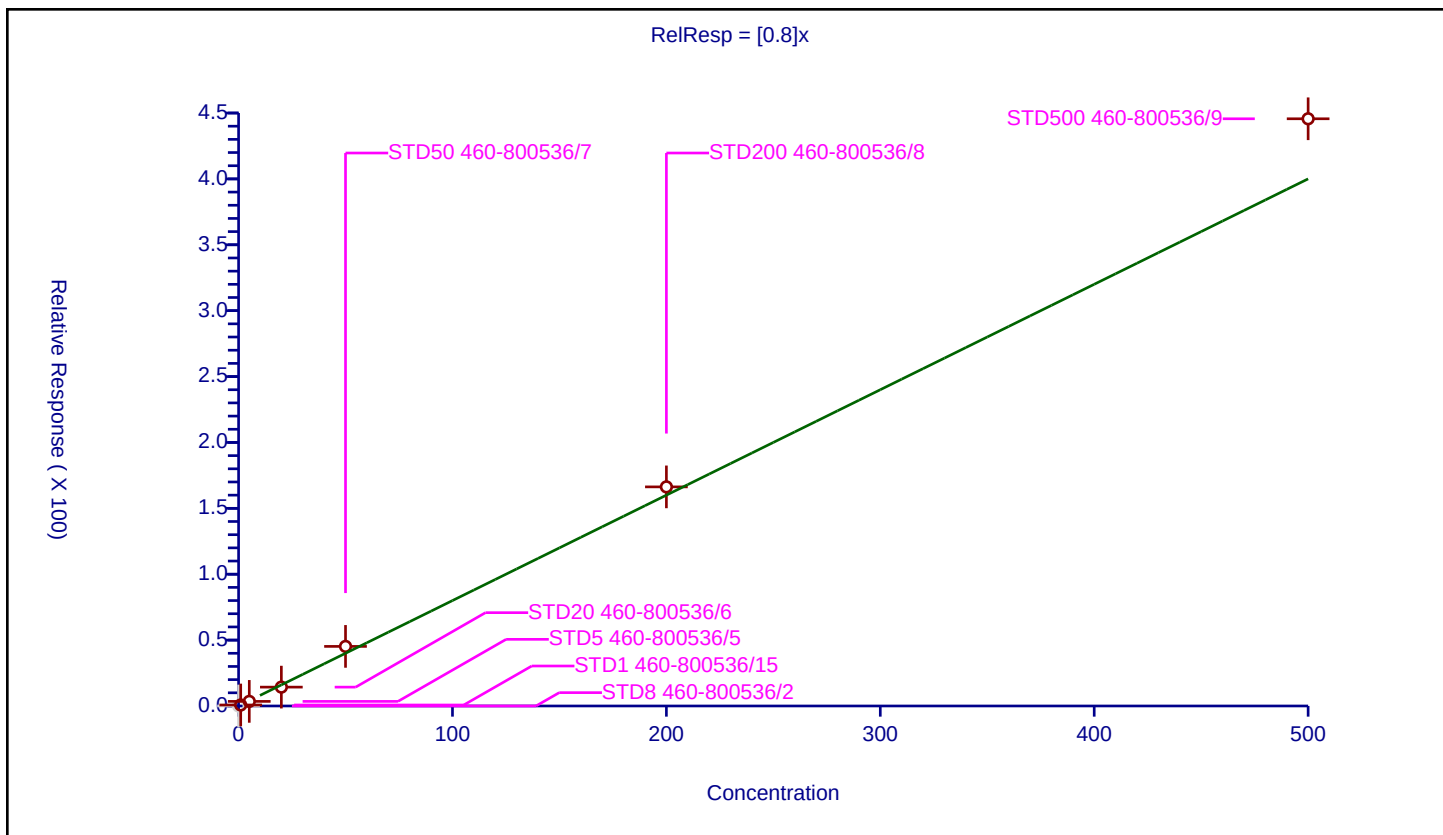
Curve Coefficients

Intercept: 0
 Slope: 0.8

Error Coefficients

Standard Error: 1470000
 Relative Standard Error: 11.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.758905	50.0	325535.0	0.758905	Y
3	STD5 460-800536/5	5.0	3.493757	50.0	276851.0	0.698751	Y
4	STD20 460-800536/6	20.0	14.311873	50.0	320849.0	0.715594	Y
5	STD50 460-800536/7	50.0	45.213321	50.0	289470.0	0.904266	Y
6	STD200 460-800536/8	200.0	166.272837	50.0	336905.0	0.831364	Y
7	STD500 460-800536/9	500.0	445.628401	50.0	344931.0	0.891257	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

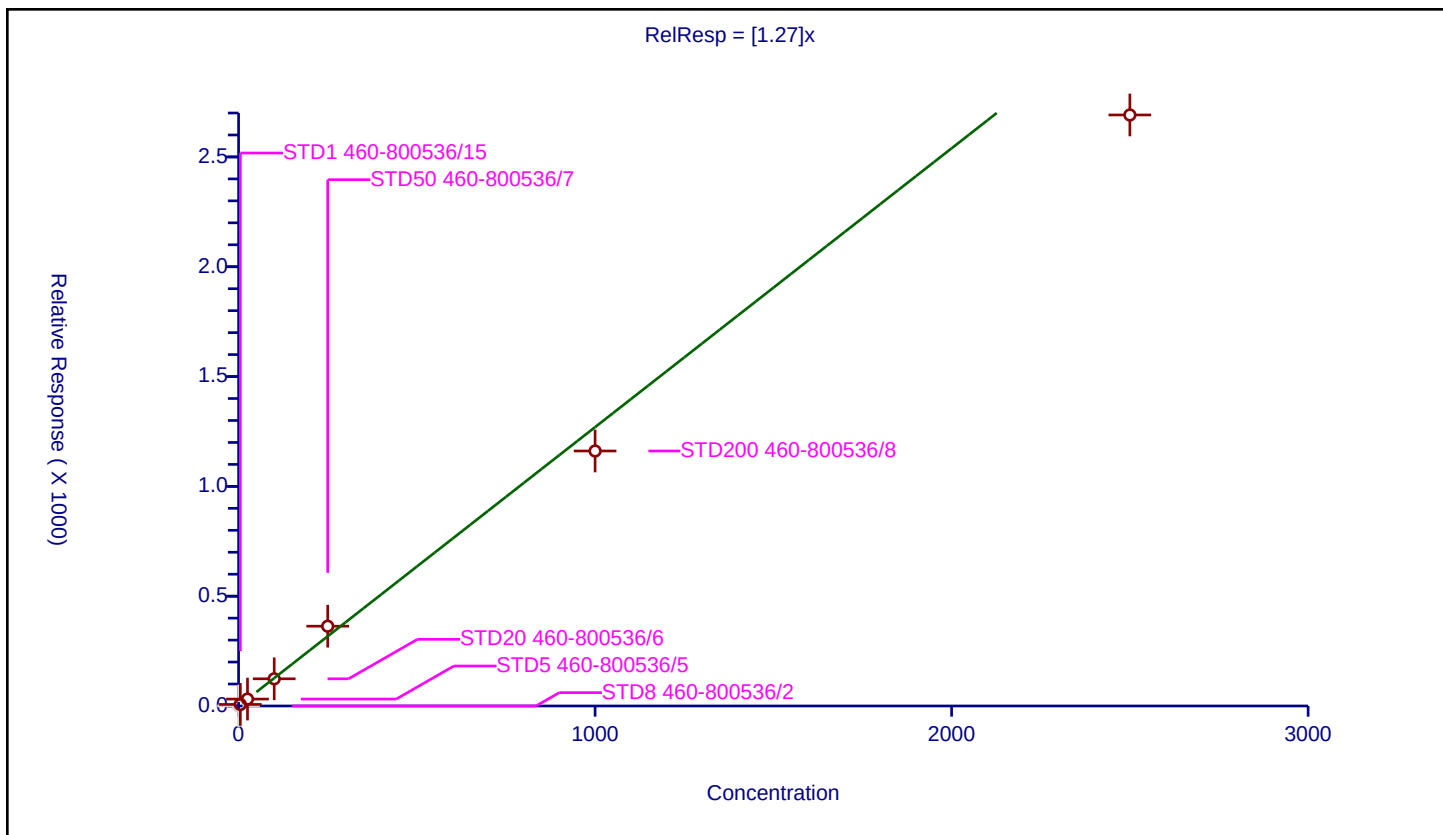
Curve Coefficients

Intercept: 0
Slope: 1.27

Error Coefficients

Standard Error: 1910000
Relative Standard Error: 11.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	250.0	411419.0	NaN	N
2	STD1 460-800536/15	5.0	7.150313	250.0	322853.0	1.430063	Y
3	STD5 460-800536/5	25.0	31.482637	250.0	261271.0	1.259305	Y
4	STD20 460-800536/6	100.0	123.772278	250.0	303713.0	1.237723	Y
5	STD50 460-800536/7	250.0	363.312292	250.0	281503.0	1.453249	Y
6	STD200 460-800536/8	1000.0	1161.084284	250.0	336729.0	1.161084	Y
7	STD500 460-800536/9	2500.0	2691.109791	250.0	366988.0	1.076444	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

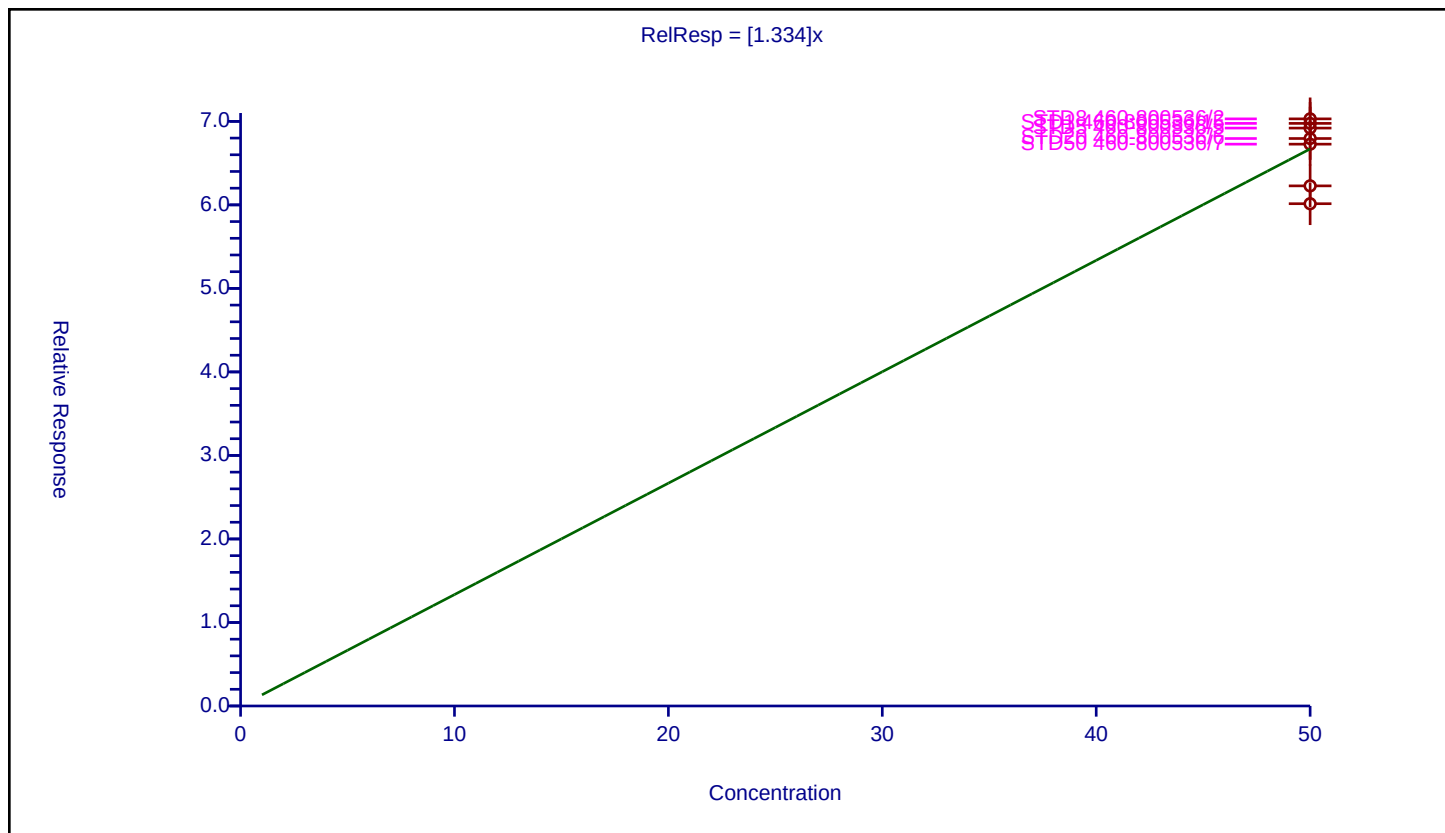
Curve Coefficients

Intercept: 0
 Slope: 1.334

Error Coefficients

Standard Error: 484000
 Relative Standard Error: 5.9
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	50.0	70.302183	50.0	430136.0	1.406044	Y
2	STD5 460-800536/5	50.0	69.194982	50.0	276851.0	1.3839	Y
3	STD20 460-800536/6	50.0	67.94863	50.0	320849.0	1.358973	Y
4	STD50 460-800536/7	50.0	67.271565	50.0	289470.0	1.345431	Y
5	STD200 460-800536/8	50.0	62.275864	50.0	336905.0	1.245517	Y
6	STD500 460-800536/9	50.0	60.139854	50.0	344931.0	1.202797	Y
7	STD1 460-800536/15	50.0	69.757476	50.0	325535.0	1.39515	Y



Calibration

/ Toluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

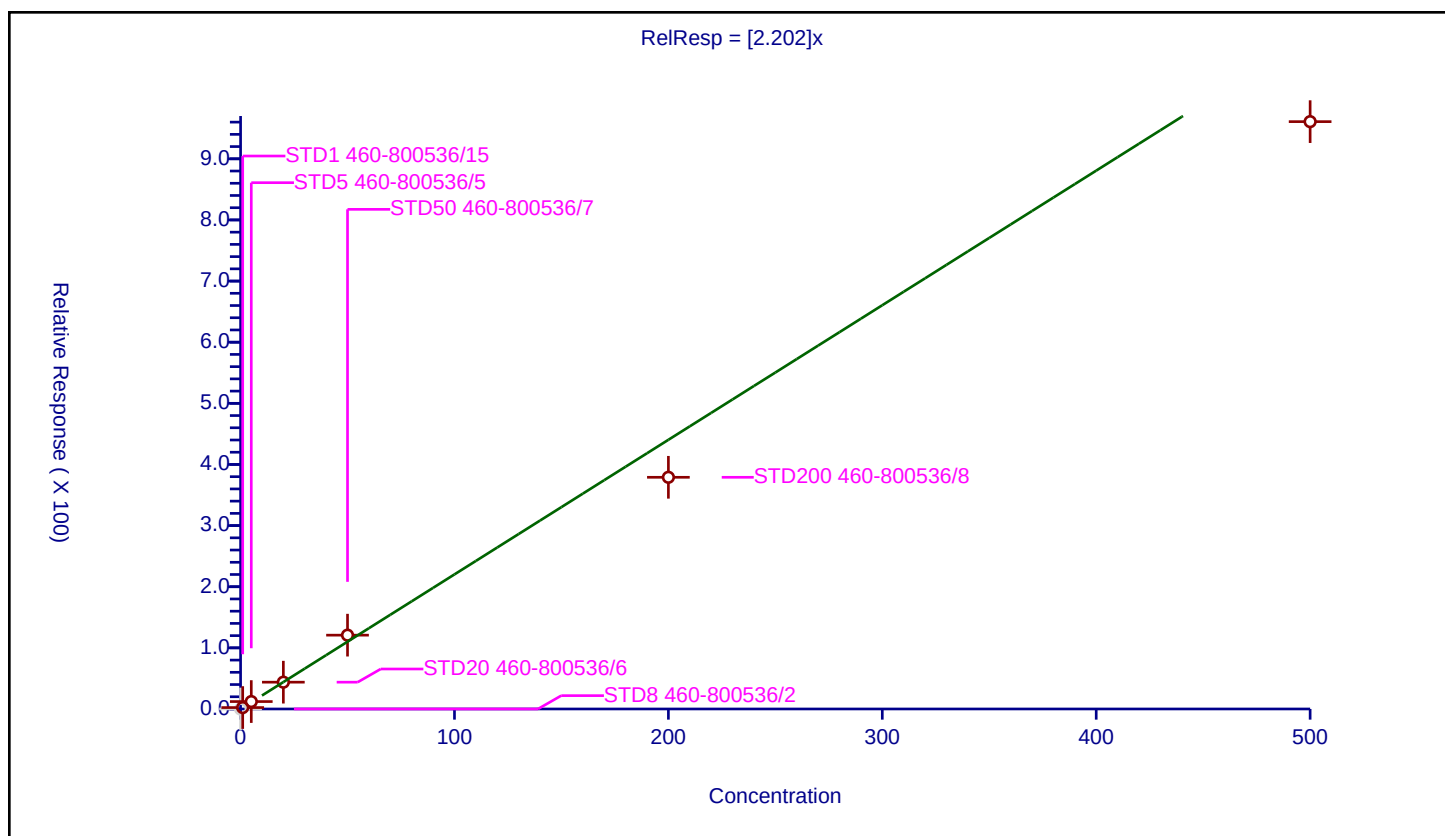
Curve Coefficients

Intercept: 0
 Slope: 2.202

Error Coefficients

Standard Error: 3190000
 Relative Standard Error: 11.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	2.354432	50.0	325535.0	2.354432	Y
3	STD5 460-800536/5	5.0	12.156358	50.0	276851.0	2.431272	Y
4	STD20 460-800536/6	20.0	43.844924	50.0	320849.0	2.192246	Y
5	STD50 460-800536/7	50.0	120.76571	50.0	289470.0	2.415314	Y
6	STD200 460-800536/8	200.0	379.014559	50.0	336905.0	1.895073	Y
7	STD500 460-800536/9	500.0	960.816656	50.0	344931.0	1.921633	Y



Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

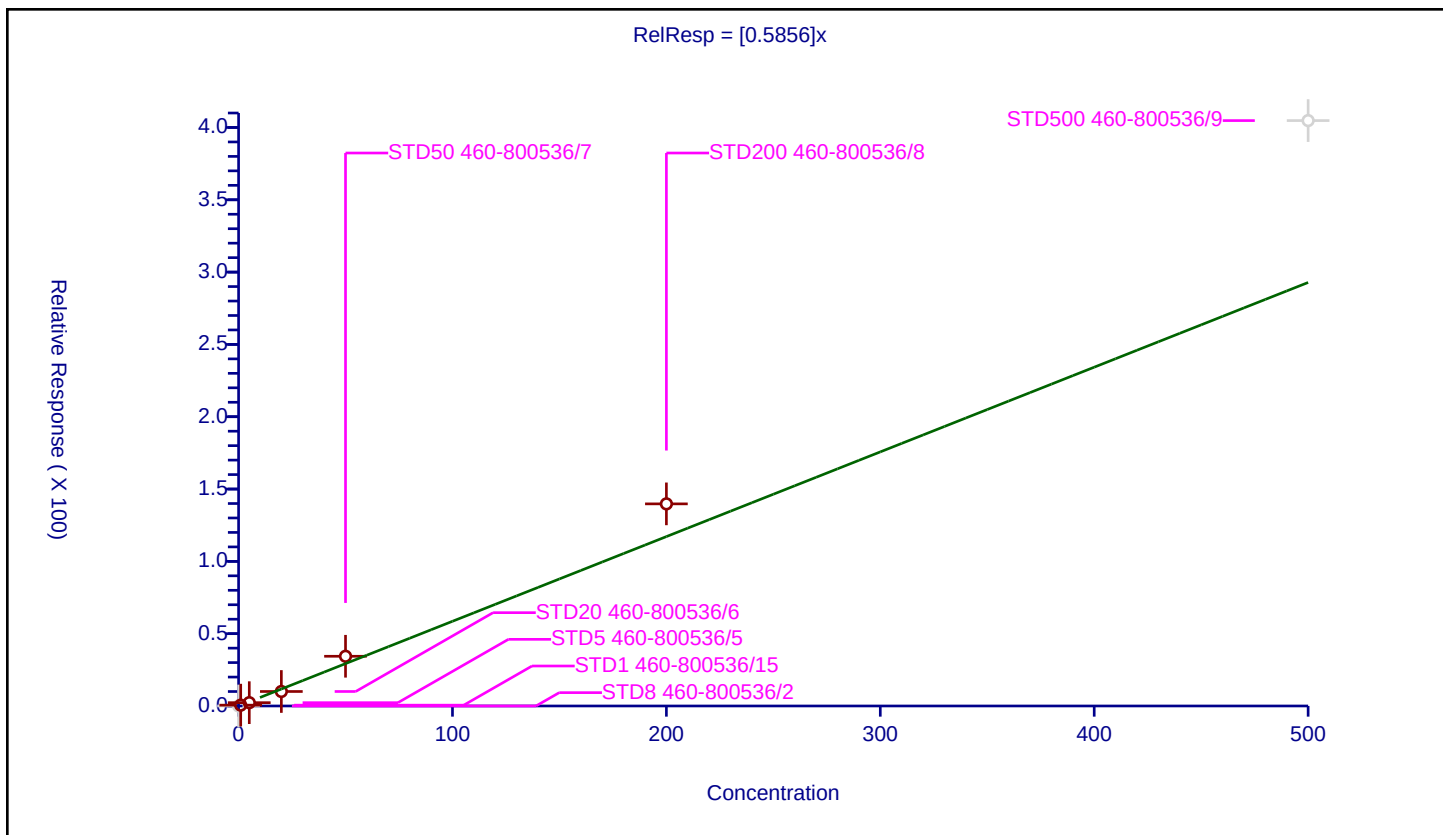
Curve Coefficients

Intercept: 0
Slope: 0.5856

Error Coefficients

Standard Error: 482000
Relative Standard Error: 18.4
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.582426	50.0	325535.0	0.582426	Y
3	STD5 460-800536/5	5.0	2.29004	50.0	276851.0	0.458008	Y
4	STD20 460-800536/6	20.0	10.029952	50.0	320849.0	0.501498	Y
5	STD50 460-800536/7	50.0	34.374201	50.0	289470.0	0.687484	Y
6	STD200 460-800536/8	200.0	139.752007	50.0	336905.0	0.69876	Y
7	STD500 460-800536/9	500.0	404.767185	50.0	344931.0	0.809534	N



Calibration

/ Ethyl methacrylate

Curve Type: Quadratic
Weighting: None
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

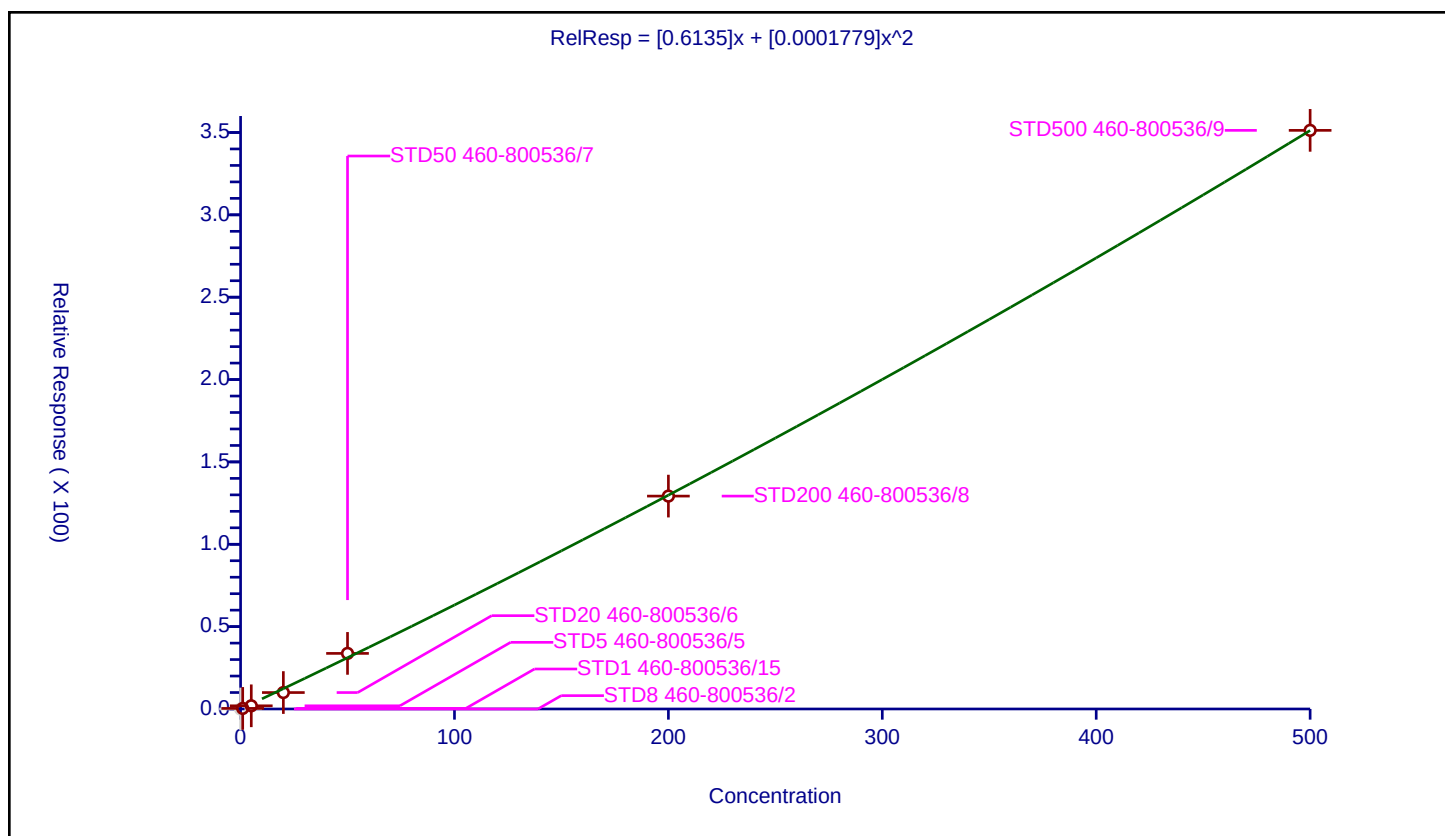
Curve Coefficients

Intercept: 0
Slope: 0.6135
Second Order: 0.0001779

Error Coefficients

Standard Error: 1290000
Relative Standard Error: 30.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.351882	50.0	325535.0	0.351882	Y
3	STD5 460-800536/5	5.0	1.930822	50.0	276851.0	0.386164	Y
4	STD20 460-800536/6	20.0	9.981642	50.0	320849.0	0.499082	Y
5	STD50 460-800536/7	50.0	33.742529	50.0	289470.0	0.674851	Y
6	STD200 460-800536/8	200.0	129.254538	50.0	336905.0	0.646273	Y
7	STD500 460-800536/9	500.0	351.282865	50.0	344931.0	0.702566	Y



Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

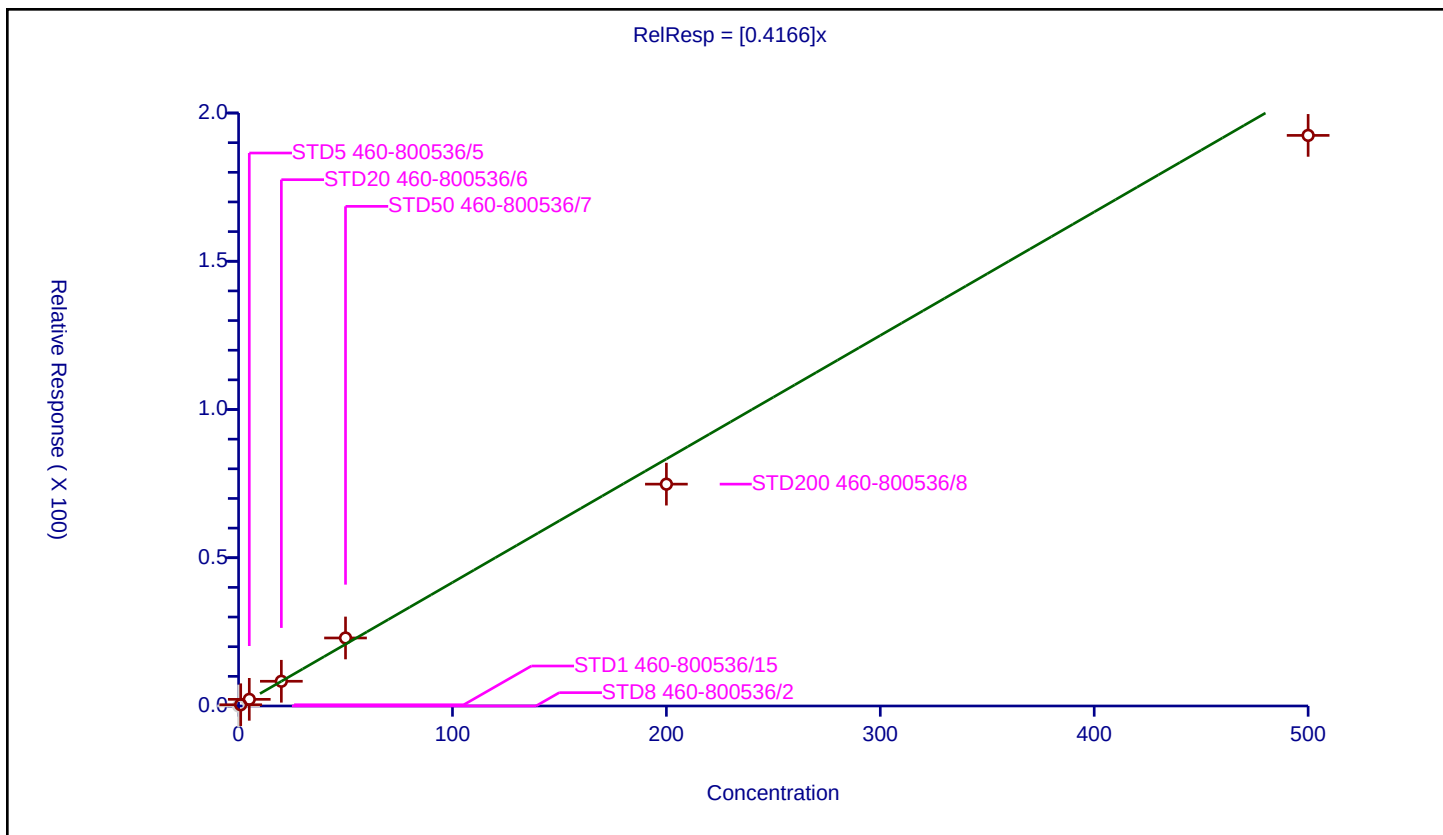
Curve Coefficients

Intercept: 0
 Slope: 0.4166

Error Coefficients

Standard Error: 638000
 Relative Standard Error: 8.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.415777	50.0	325535.0	0.415777	Y
3	STD5 460-800536/5	5.0	2.243626	50.0	276851.0	0.448725	Y
4	STD20 460-800536/6	20.0	8.342865	50.0	320849.0	0.417143	Y
5	STD50 460-800536/7	50.0	22.942619	50.0	289470.0	0.458852	Y
6	STD200 460-800536/8	200.0	74.822873	50.0	336905.0	0.374114	Y
7	STD500 460-800536/9	500.0	192.450954	50.0	344931.0	0.384902	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

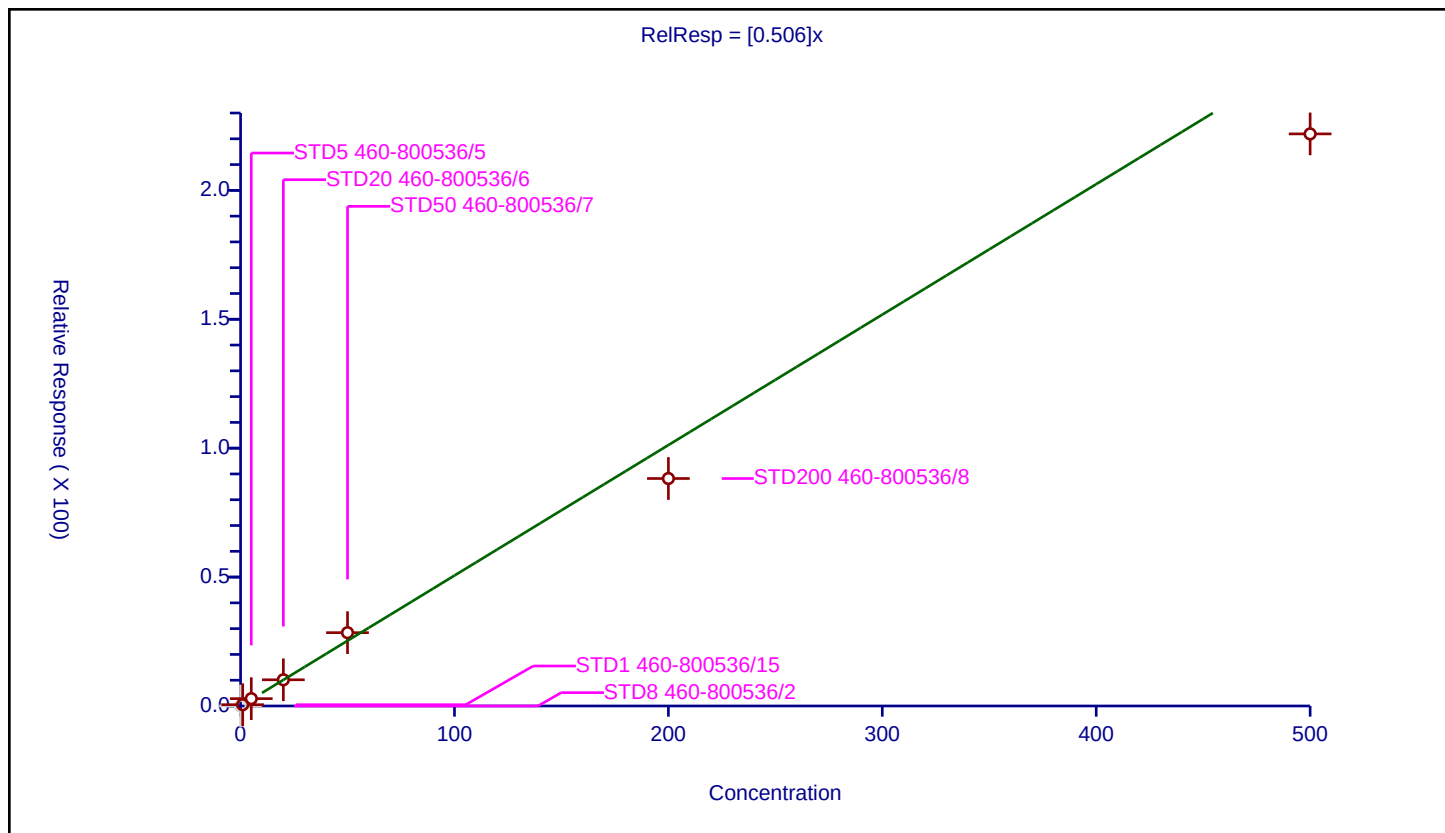
Curve Coefficients

Intercept: 0
 Slope: 0.506

Error Coefficients

Standard Error: 739000
 Relative Standard Error: 11.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.503172	50.0	325535.0	0.503172	Y
3	STD5 460-800536/5	5.0	2.854604	50.0	276851.0	0.570921	Y
4	STD20 460-800536/6	20.0	10.164127	50.0	320849.0	0.508206	Y
5	STD50 460-800536/7	50.0	28.44008	50.0	289470.0	0.568802	Y
6	STD200 460-800536/8	200.0	88.234072	50.0	336905.0	0.44117	Y
7	STD500 460-800536/9	500.0	221.903221	50.0	344931.0	0.443806	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

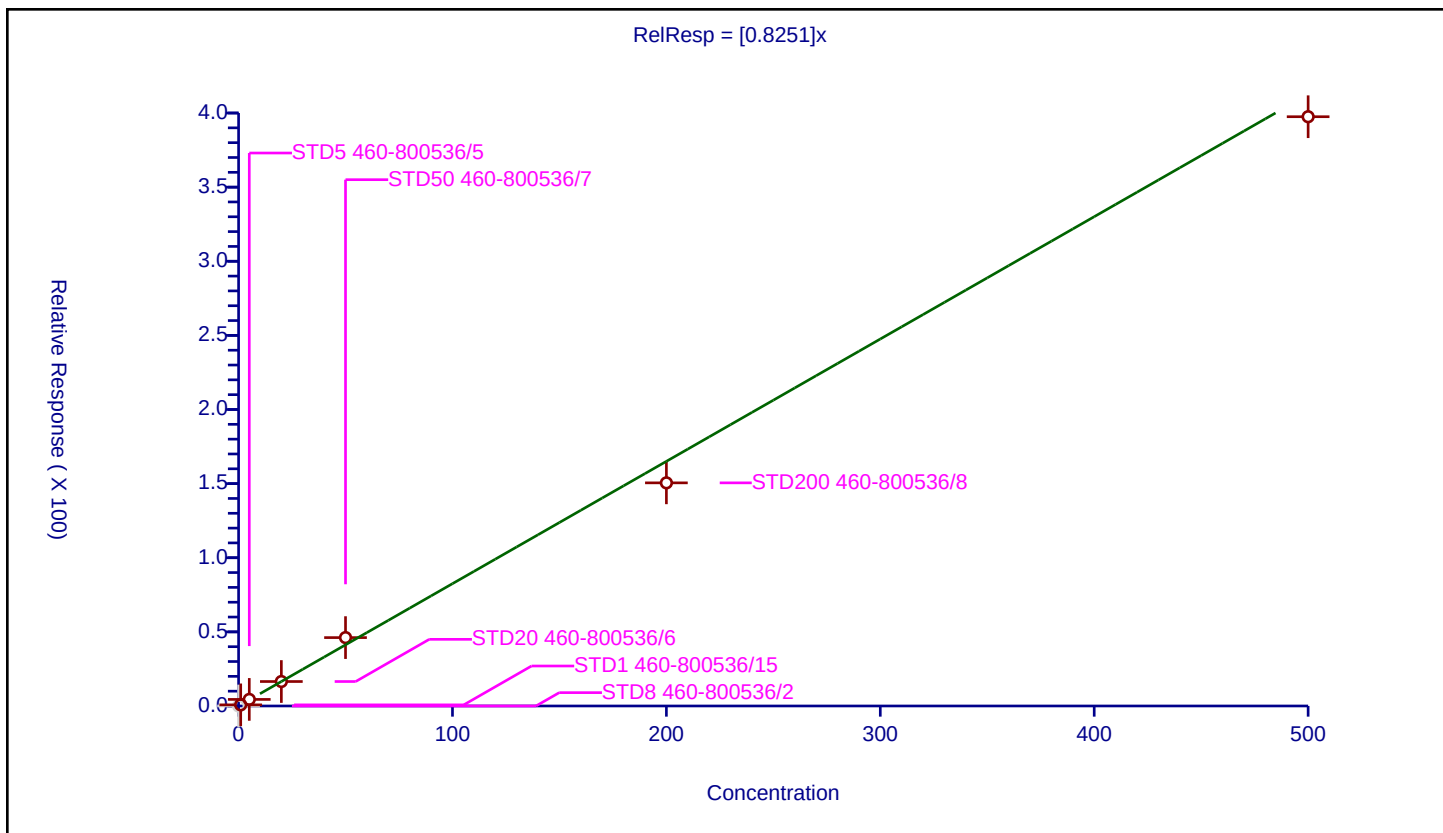
Curve Coefficients

Intercept: 0
 Slope: 0.8251

Error Coefficients

Standard Error: 1310000
 Relative Standard Error: 8.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.768274	50.0	325535.0	0.768274	Y
3	STD5 460-800536/5	5.0	4.435599	50.0	276851.0	0.88712	Y
4	STD20 460-800536/6	20.0	16.502155	50.0	320849.0	0.825108	Y
5	STD50 460-800536/7	50.0	46.139324	50.0	289470.0	0.922786	Y
6	STD200 460-800536/8	200.0	150.517505	50.0	336905.0	0.752588	Y
7	STD500 460-800536/9	500.0	397.501674	50.0	344931.0	0.795003	Y



Calibration

/ 2-Hexanone

Curve Type: Quadratic
Weighting: None
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

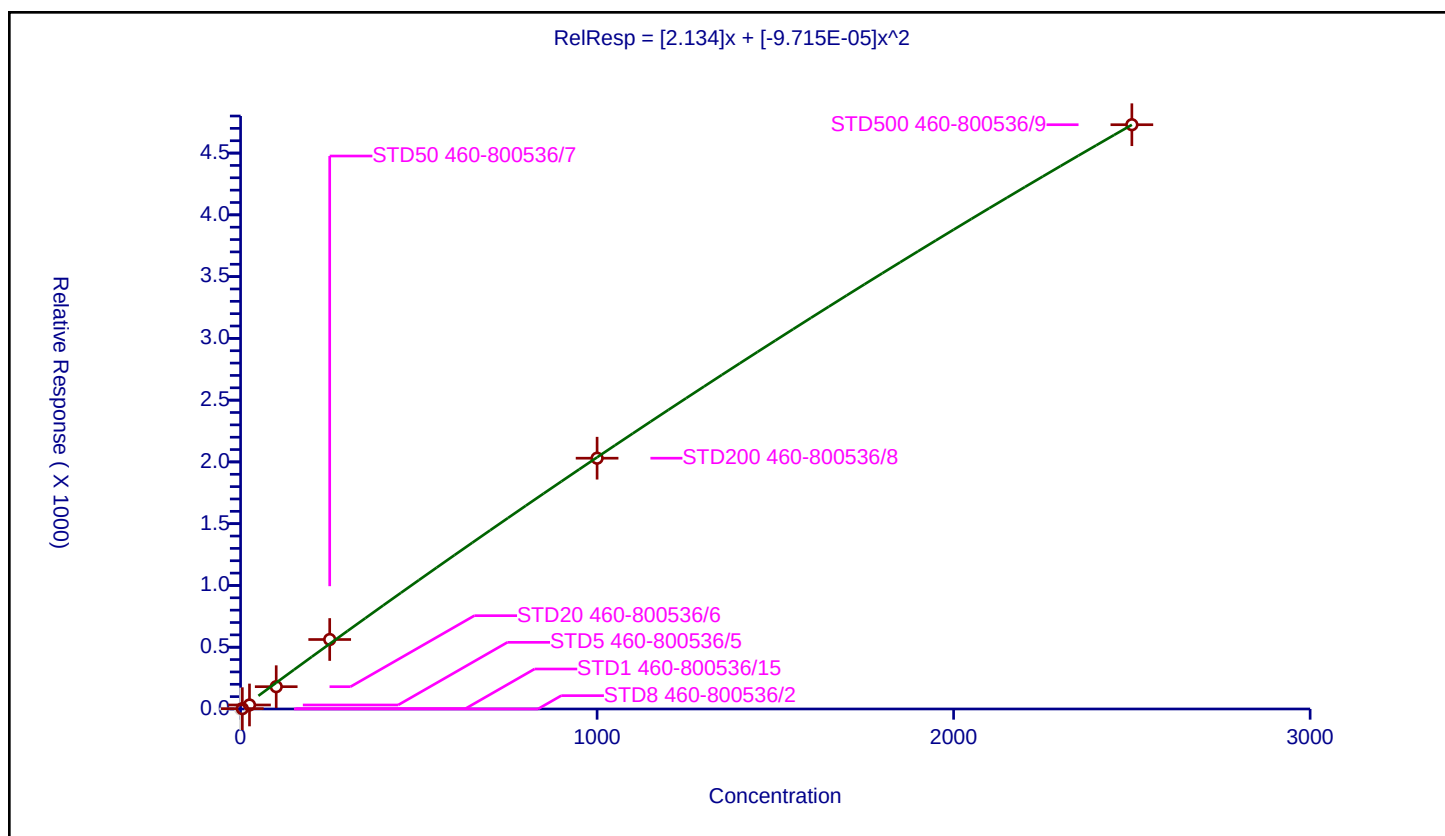
Curve Coefficients

Intercept: 0
Slope: 2.134
Second Order: -9.715E-05

Error Coefficients

Standard Error: 3740000
Relative Standard Error: 43.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	250.0	411419.0	NaN	N
2	STD1 460-800536/15	5.0	2.64749	250.0	322853.0	0.529498	Y
3	STD5 460-800536/5	25.0	32.564846	250.0	261271.0	1.302594	Y
4	STD20 460-800536/6	100.0	180.48289	250.0	303713.0	1.804829	Y
5	STD50 460-800536/7	250.0	562.432727	250.0	281503.0	2.249731	Y
6	STD200 460-800536/8	1000.0	2030.142934	250.0	336729.0	2.030143	Y
7	STD500 460-800536/9	2500.0	4729.532028	250.0	366988.0	1.891813	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

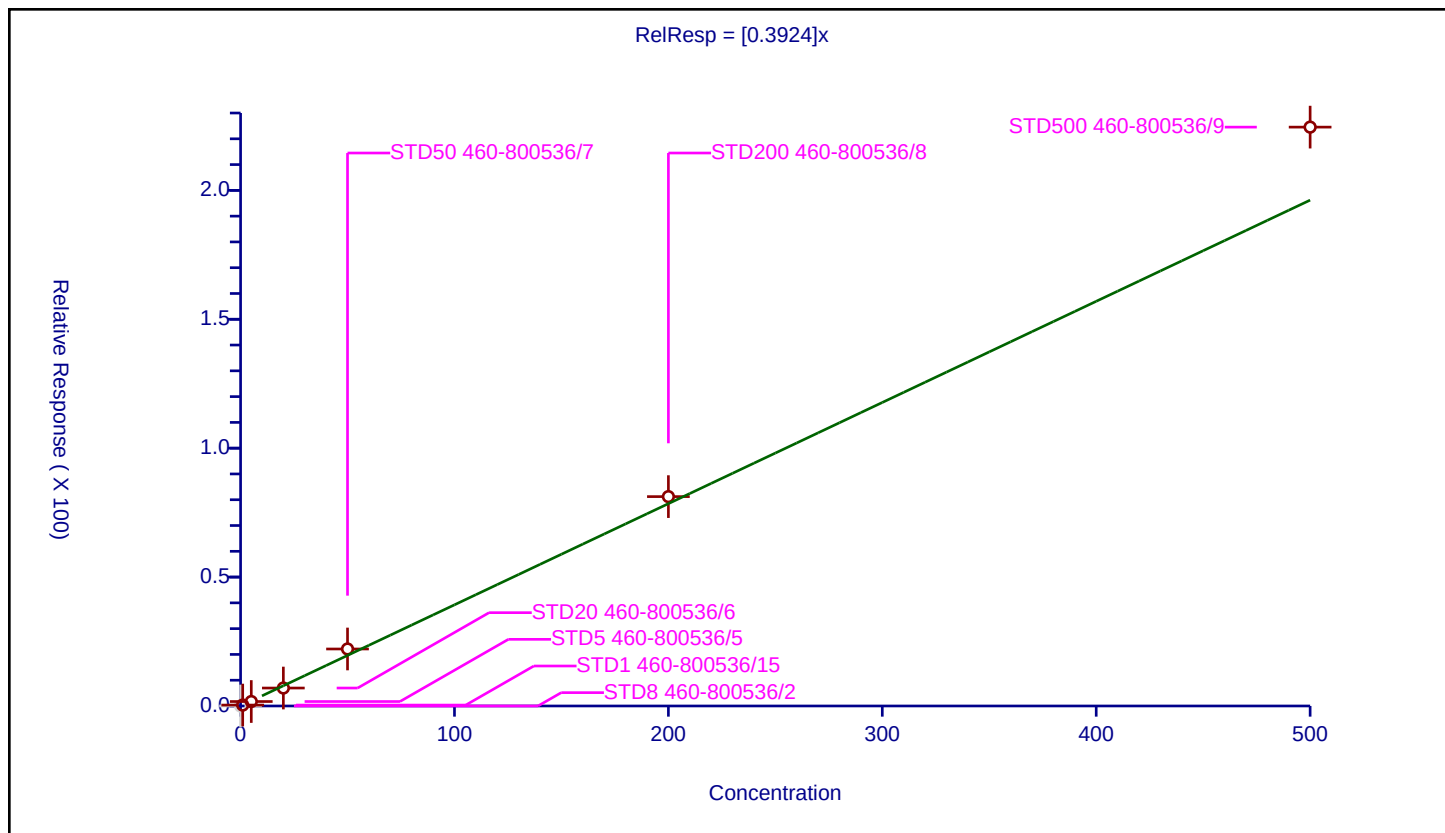
Curve Coefficients

Intercept: 0
 Slope: 0.3924

Error Coefficients

Standard Error: 737000
 Relative Standard Error: 11.9
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.361866	50.0	325535.0	0.361866	Y
3	STD5 460-800536/5	5.0	1.734868	50.0	276851.0	0.346974	Y
4	STD20 460-800536/6	20.0	6.964959	50.0	320849.0	0.348248	Y
5	STD50 460-800536/7	50.0	22.110927	50.0	289470.0	0.442219	Y
6	STD200 460-800536/8	200.0	81.21414	50.0	336905.0	0.406071	Y
7	STD500 460-800536/9	500.0	224.530848	50.0	344931.0	0.449062	Y



Calibration

/ n-Butyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

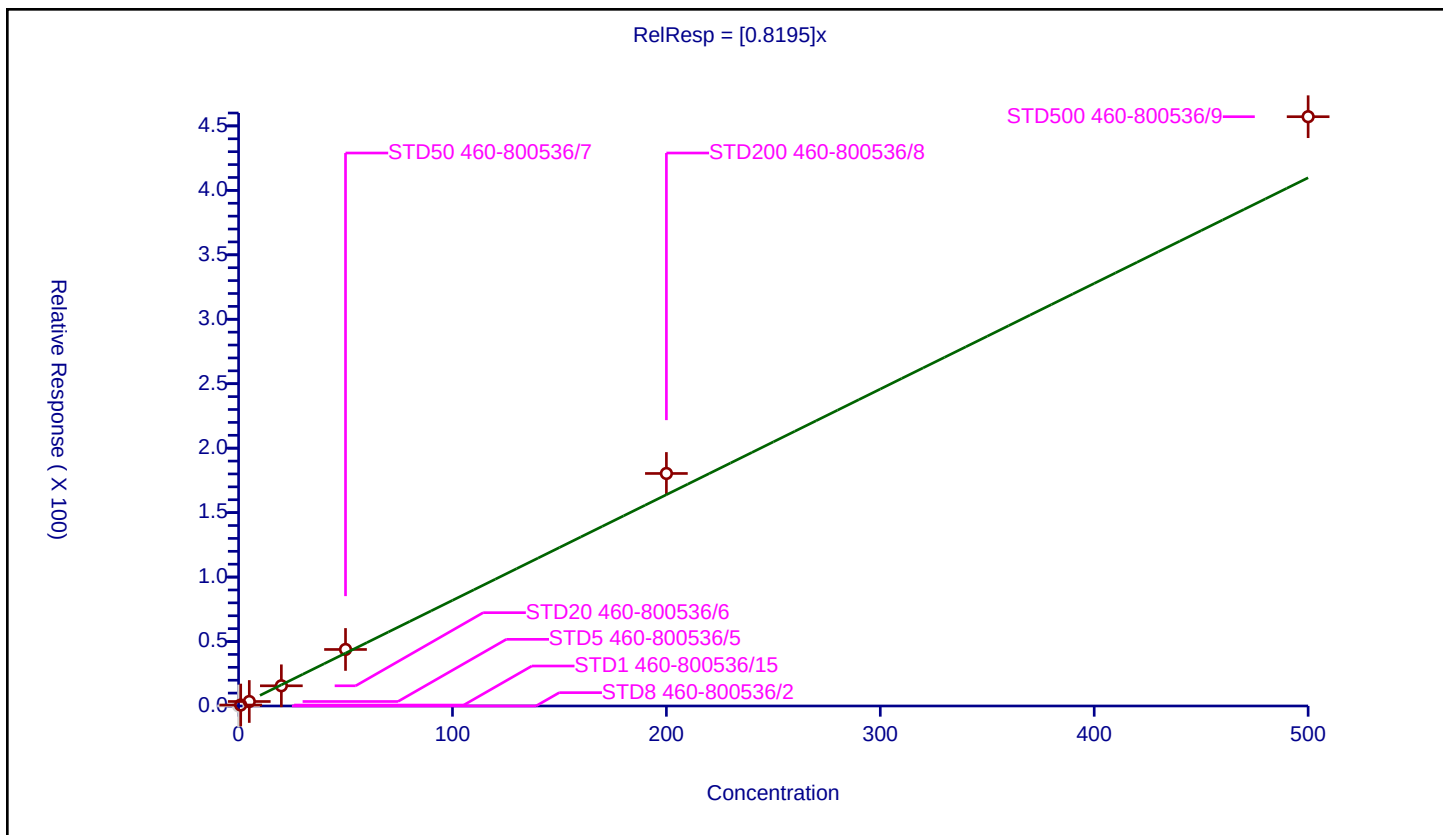
Curve Coefficients

Intercept: 0
 Slope: 0.8195

Error Coefficients

Standard Error: 1520000
 Relative Standard Error: 11.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.742009	50.0	325535.0	0.742009	Y
3	STD5 460-800536/5	5.0	3.491228	50.0	276851.0	0.698246	Y
4	STD20 460-800536/6	20.0	15.672949	50.0	320849.0	0.783647	Y
5	STD50 460-800536/7	50.0	43.854804	50.0	289470.0	0.877096	Y
6	STD200 460-800536/8	200.0	180.385272	50.0	336905.0	0.901926	Y
7	STD500 460-800536/9	500.0	457.13505	50.0	344931.0	0.91427	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

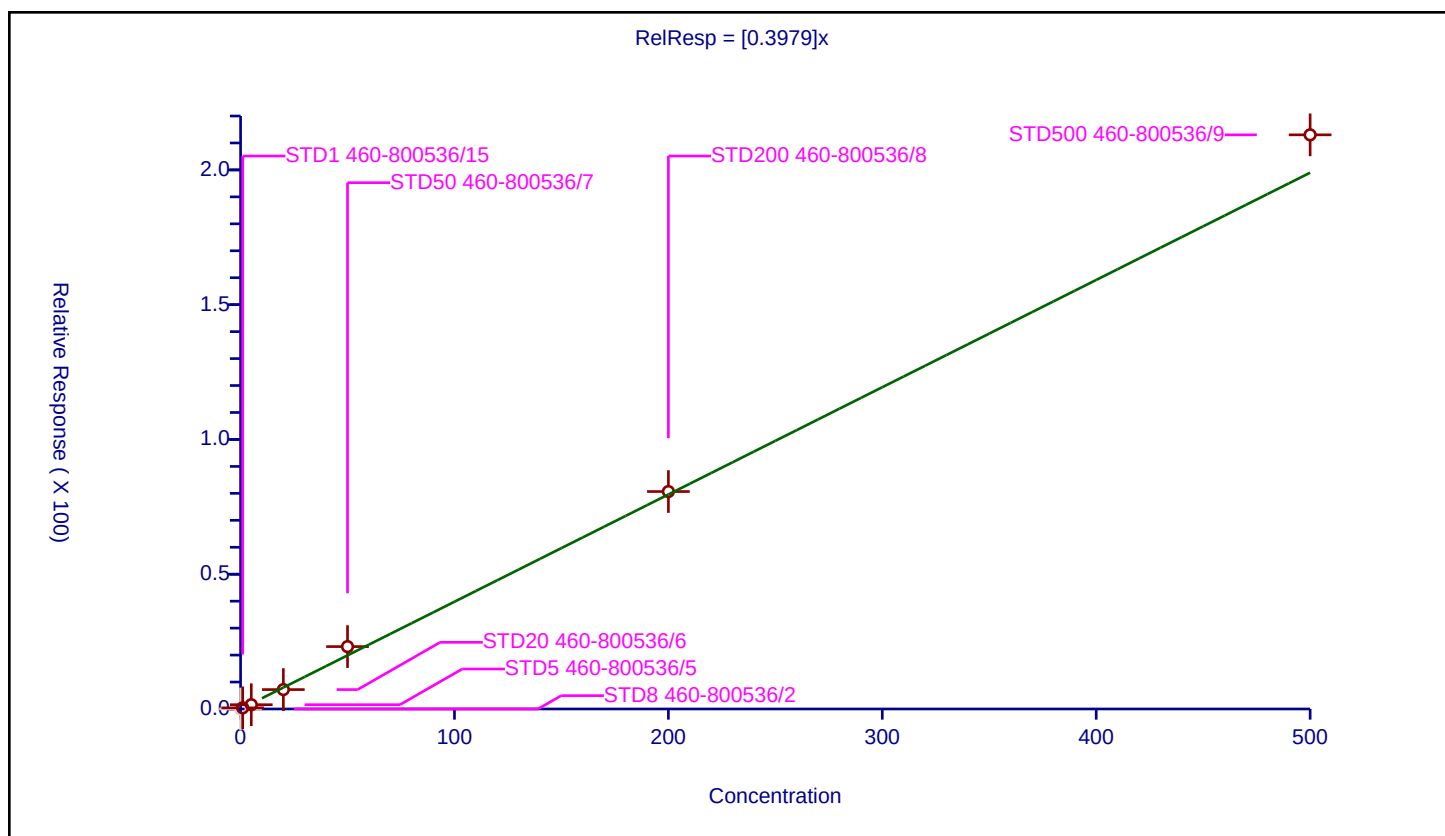
Curve Coefficients

Intercept: 0
 Slope: 0.3979

Error Coefficients

Standard Error: 703000
 Relative Standard Error: 13.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.418081	50.0	325535.0	0.418081	Y
3	STD5 460-800536/5	5.0	1.585871	50.0	276851.0	0.317174	Y
4	STD20 460-800536/6	20.0	7.201207	50.0	320849.0	0.36006	Y
5	STD50 460-800536/7	50.0	23.145404	50.0	289470.0	0.462908	Y
6	STD200 460-800536/8	200.0	80.673929	50.0	336905.0	0.40337	Y
7	STD500 460-800536/9	500.0	213.015067	50.0	344931.0	0.42603	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

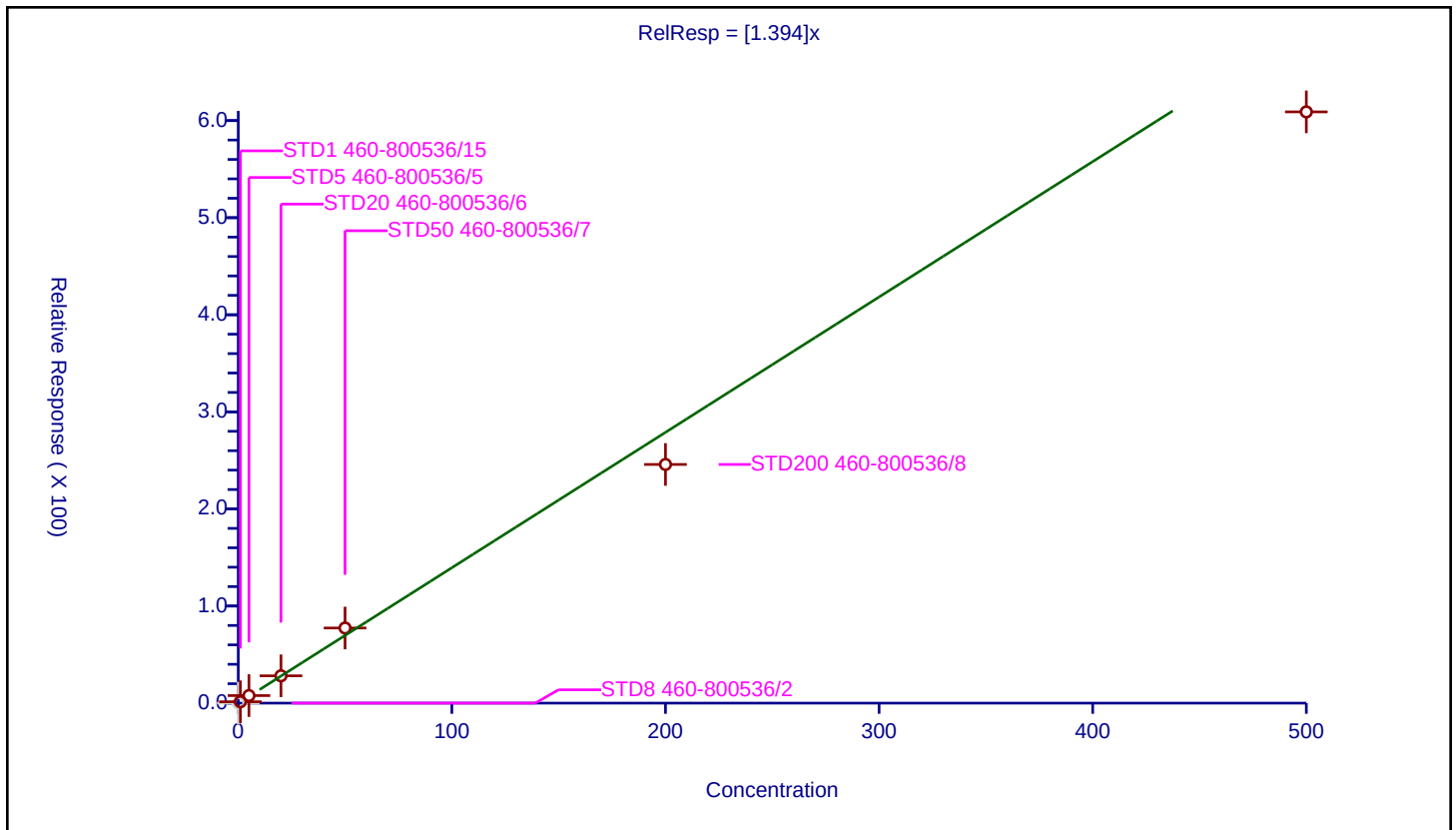
Curve Coefficients

Intercept: 0
 Slope: 1.394

Error Coefficients

Standard Error: 2030000
 Relative Standard Error: 10.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	1.412137	50.0	325535.0	1.412137	Y
3	STD5 460-800536/5	5.0	7.764104	50.0	276851.0	1.552821	Y
4	STD20 460-800536/6	20.0	28.136288	50.0	320849.0	1.406814	Y
5	STD50 460-800536/7	50.0	77.384358	50.0	289470.0	1.547687	Y
6	STD200 460-800536/8	200.0	245.825084	50.0	336905.0	1.229125	Y
7	STD500 460-800536/9	500.0	608.975853	50.0	344931.0	1.217952	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

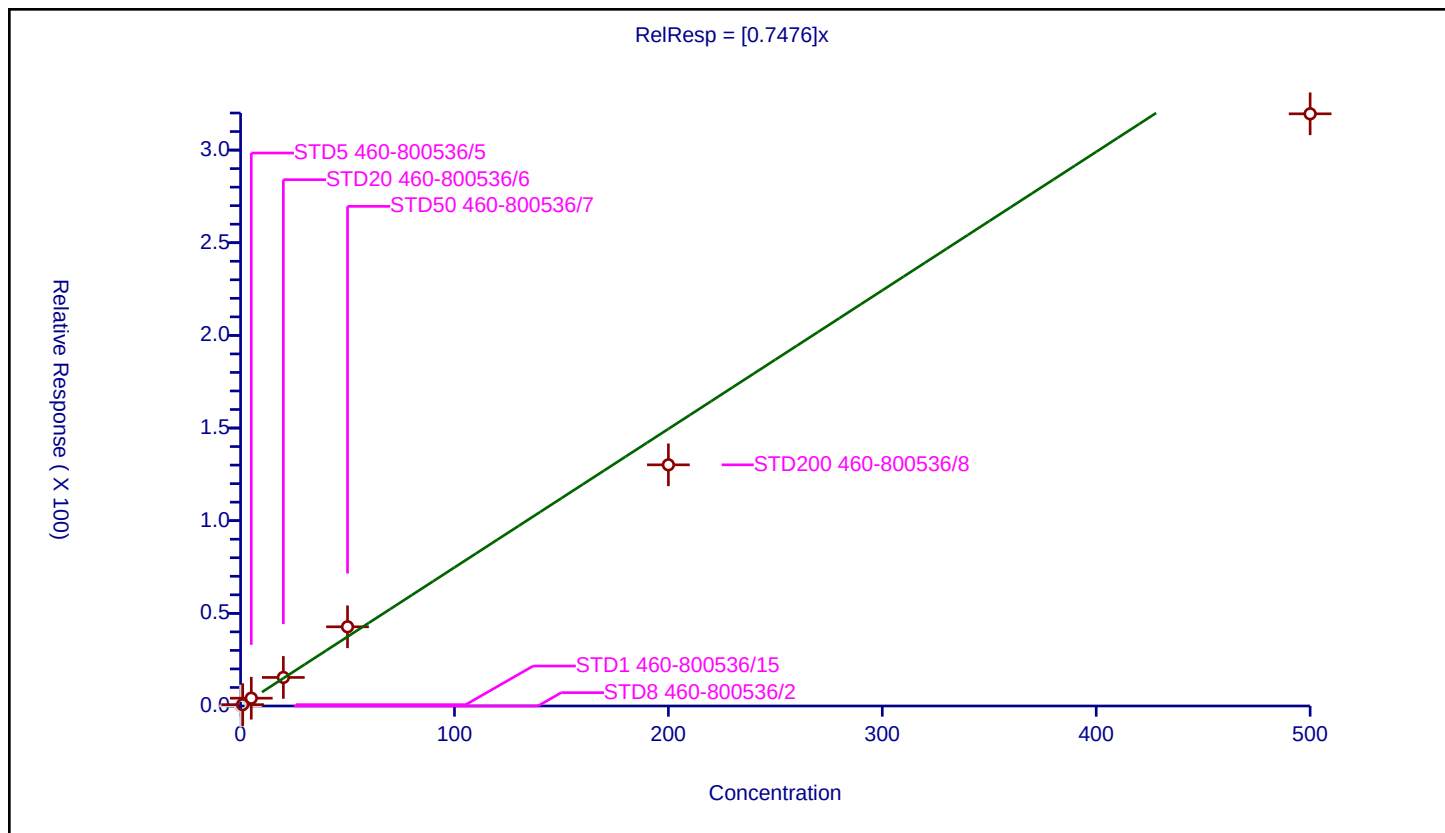
Curve Coefficients

Intercept: 0
Slope: 0.7476

Error Coefficients

Standard Error: 1070000
Relative Standard Error: 12.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.7288	50.0	325535.0	0.7288	Y
3	STD5 460-800536/5	5.0	4.210388	50.0	276851.0	0.842078	Y
4	STD20 460-800536/6	20.0	15.405689	50.0	320849.0	0.770284	Y
5	STD50 460-800536/7	50.0	42.737417	50.0	289470.0	0.854748	Y
6	STD200 460-800536/8	200.0	130.145738	50.0	336905.0	0.650729	Y
7	STD500 460-800536/9	500.0	319.57348	50.0	344931.0	0.639147	Y



Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

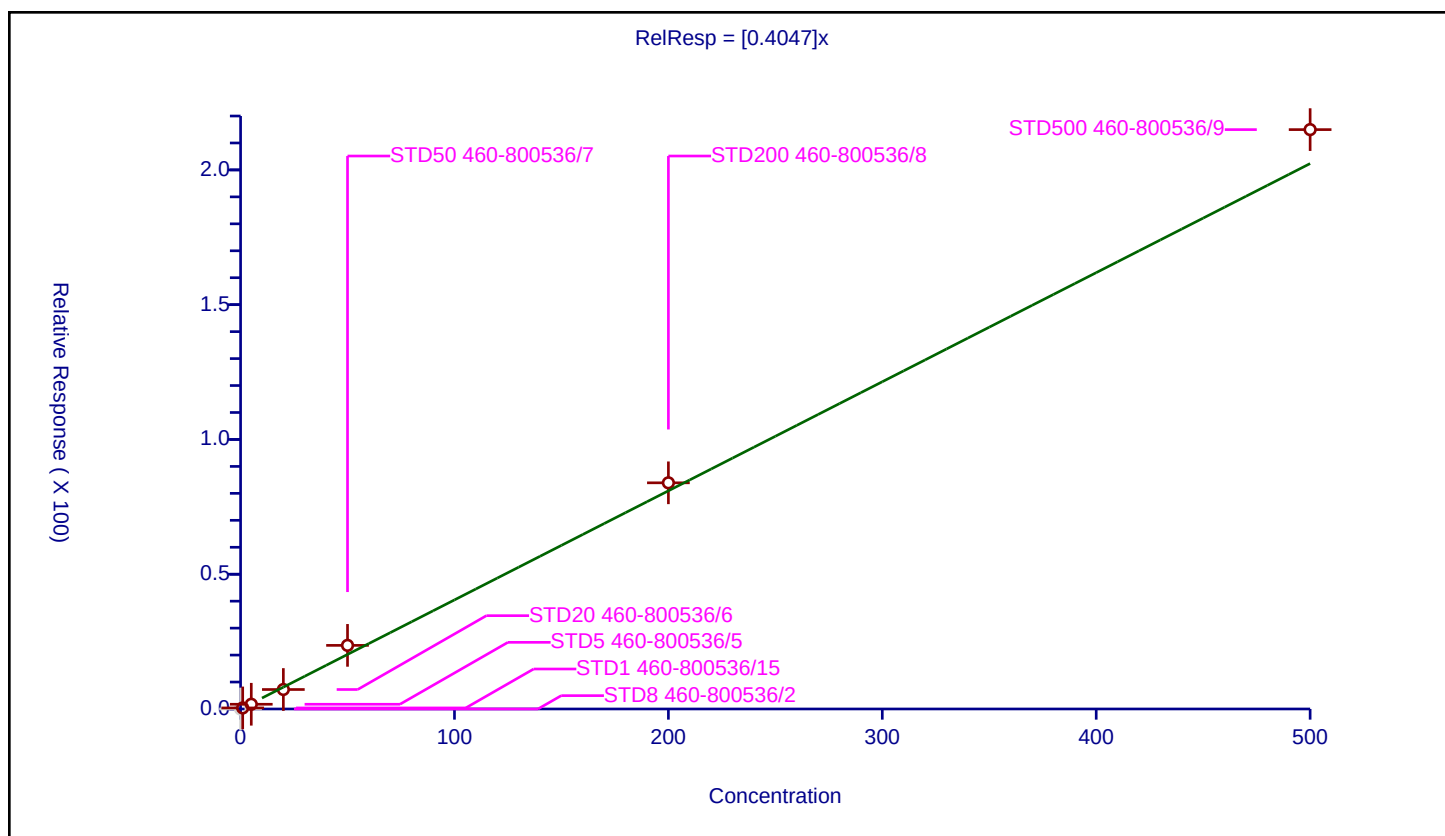
Curve Coefficients

Intercept: 0
Slope: 0.4047

Error Coefficients

Standard Error: 713000
Relative Standard Error: 11.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.394428	50.0	325535.0	0.394428	Y
3	STD5 460-800536/5	5.0	1.754373	50.0	276851.0	0.350875	Y
4	STD20 460-800536/6	20.0	7.229881	50.0	320849.0	0.361494	Y
5	STD50 460-800536/7	50.0	23.598991	50.0	289470.0	0.47198	Y
6	STD200 460-800536/8	200.0	83.916089	50.0	336905.0	0.41958	Y
7	STD500 460-800536/9	500.0	214.951396	50.0	344931.0	0.429903	Y



Calibration

/ m-Xylene & p-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

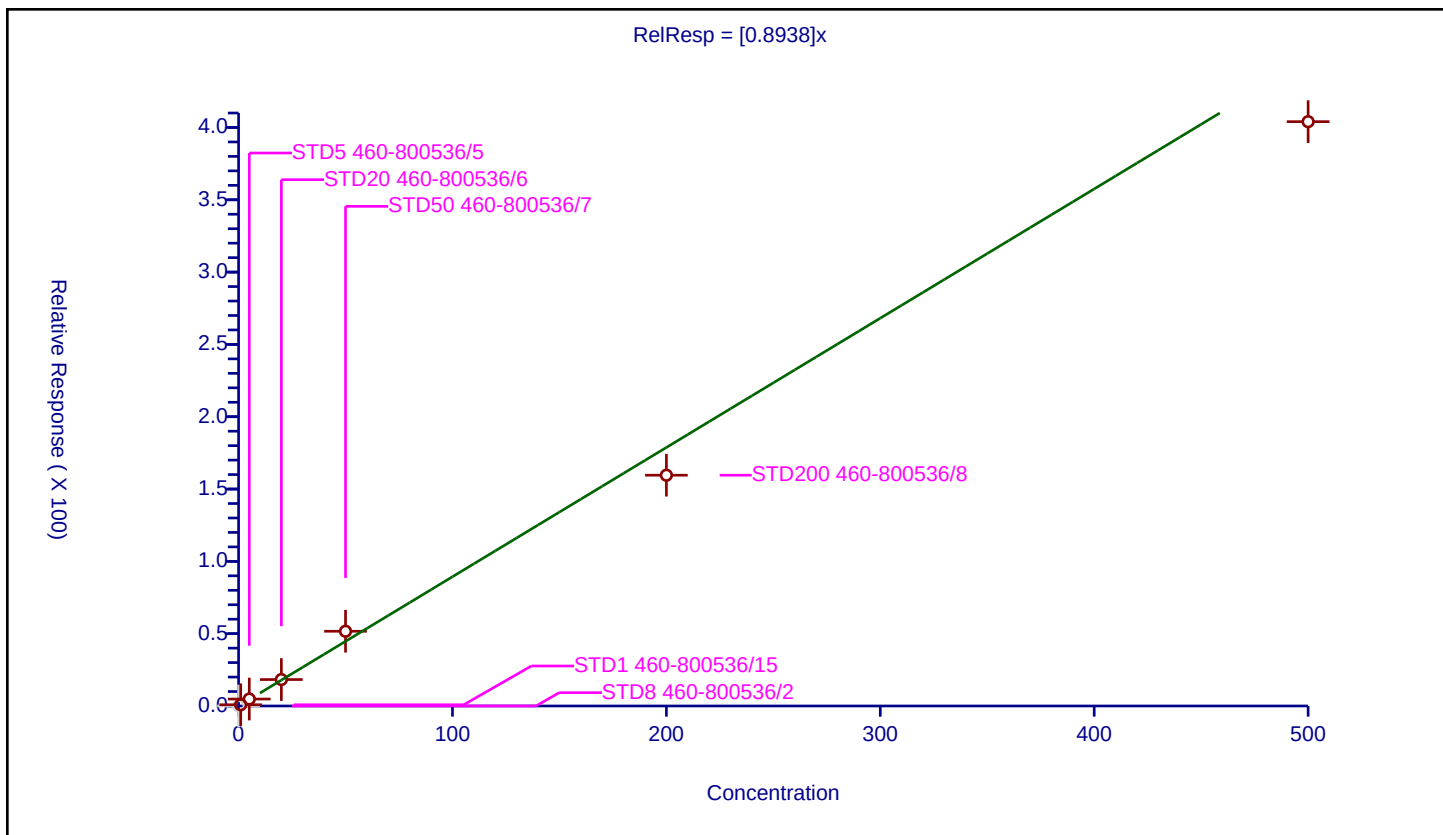
Curve Coefficients

Intercept: 0
 Slope: 0.8938

Error Coefficients

Standard Error: 1340000
 Relative Standard Error: 10.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.848449	50.0	325535.0	0.848449	Y
3	STD5 460-800536/5	5.0	4.801139	50.0	276851.0	0.960228	Y
4	STD20 460-800536/6	20.0	18.289445	50.0	320849.0	0.914472	Y
5	STD50 460-800536/7	50.0	51.677376	50.0	289470.0	1.033548	Y
6	STD200 460-800536/8	200.0	159.579555	50.0	336905.0	0.797898	Y
7	STD500 460-800536/9	500.0	404.027327	50.0	344931.0	0.808055	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

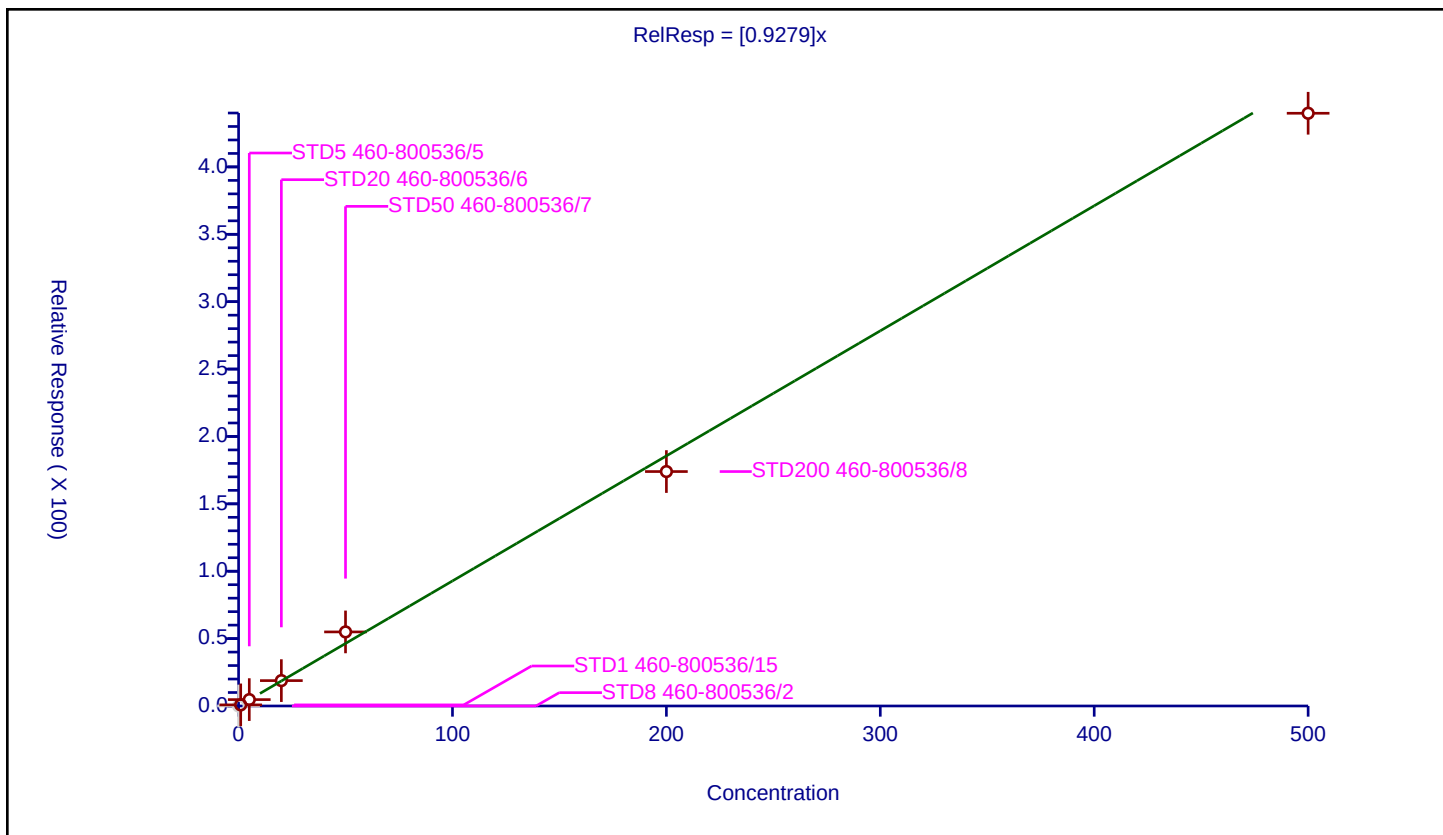
Curve Coefficients

Intercept: 0
 Slope: 0.9279

Error Coefficients

Standard Error: 1460000
 Relative Standard Error: 10.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.829865	50.0	325535.0	0.829865	Y
3	STD5 460-800536/5	5.0	4.740275	50.0	276851.0	0.948055	Y
4	STD20 460-800536/6	20.0	18.81851	50.0	320849.0	0.940925	Y
5	STD50 460-800536/7	50.0	54.961136	50.0	289470.0	1.099223	Y
6	STD200 460-800536/8	200.0	173.966845	50.0	336905.0	0.869834	Y
7	STD500 460-800536/9	500.0	439.815934	50.0	344931.0	0.879632	Y



Calibration

/ n-Butyl acrylate

Curve Type: Quadratic
Weighting: None
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

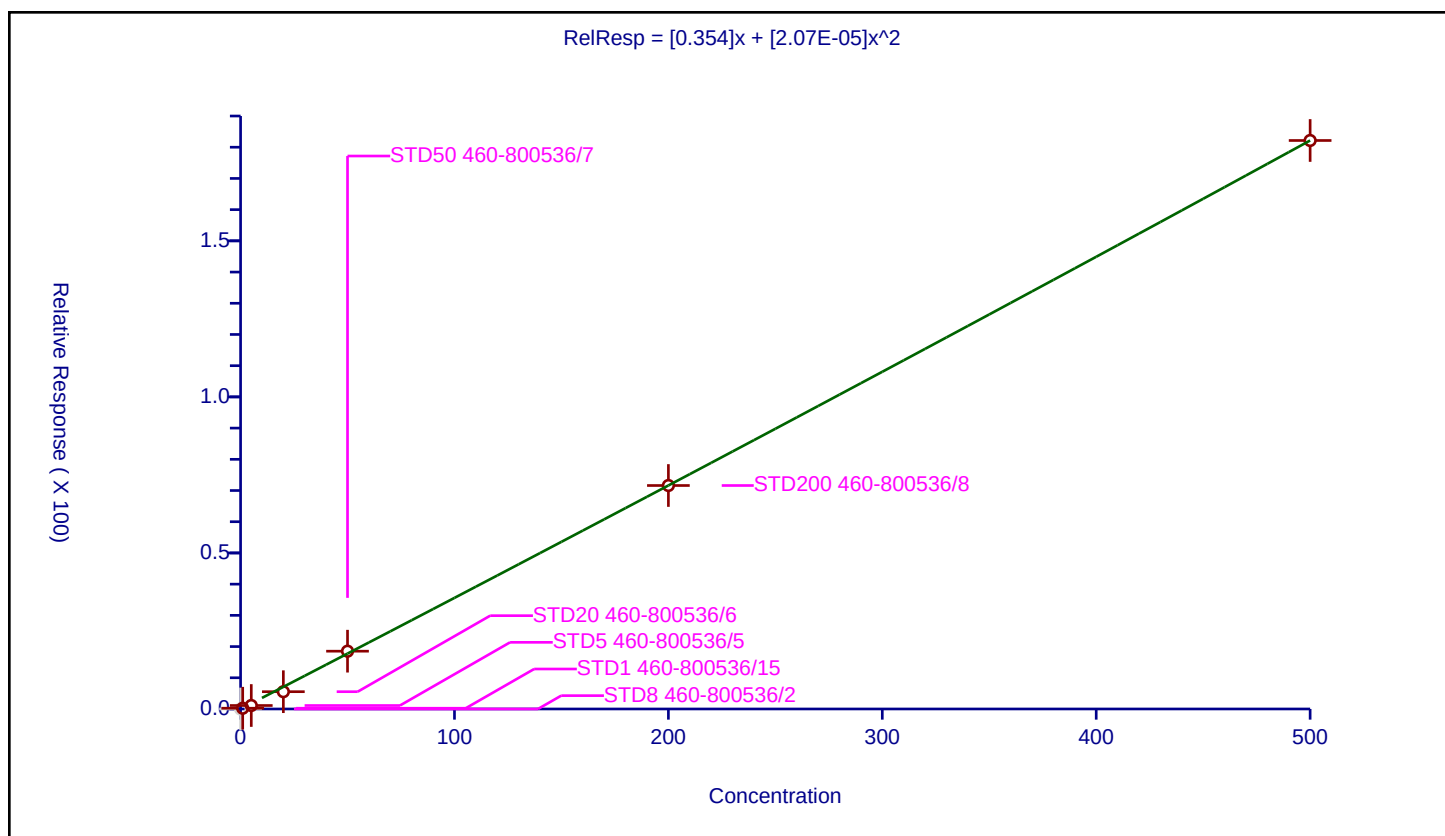
Curve Coefficients

Intercept: 0
Slope: 0.354
Second Order: 2.07E-05

Error Coefficients

Standard Error: 675000
Relative Standard Error: 26.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.243445	50.0	325535.0	0.243445	Y
3	STD5 460-800536/5	5.0	1.11793	50.0	276851.0	0.223586	Y
4	STD20 460-800536/6	20.0	5.538119	50.0	320849.0	0.276906	Y
5	STD50 460-800536/7	50.0	18.523336	50.0	289470.0	0.370467	Y
6	STD200 460-800536/8	200.0	71.606091	50.0	336905.0	0.35803	Y
7	STD500 460-800536/9	500.0	182.153097	50.0	344931.0	0.364306	Y



Calibration

/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

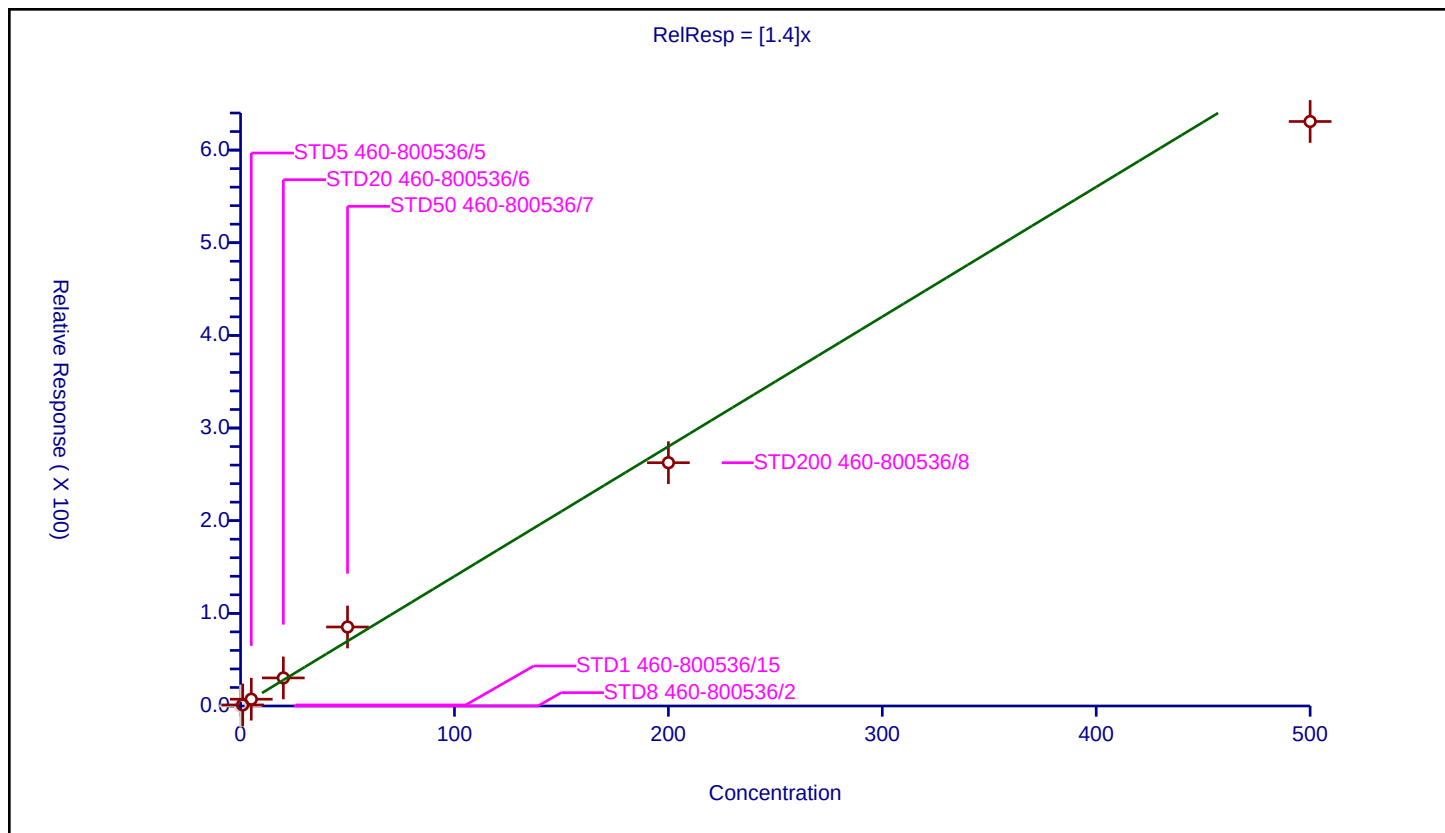
Curve Coefficients

Intercept: 0
 Slope: 1.4

Error Coefficients

Standard Error: 2110000
 Relative Standard Error: 14.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	1.146267	50.0	325535.0	1.146267	Y
3	STD5 460-800536/5	5.0	7.314043	50.0	276851.0	1.462809	Y
4	STD20 460-800536/6	20.0	30.284028	50.0	320849.0	1.514201	Y
5	STD50 460-800536/7	50.0	85.25564	50.0	289470.0	1.705113	Y
6	STD200 460-800536/8	200.0	262.585595	50.0	336905.0	1.312928	Y
7	STD500 460-800536/9	500.0	630.837037	50.0	344931.0	1.261674	Y



Calibration

/ Bromoform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

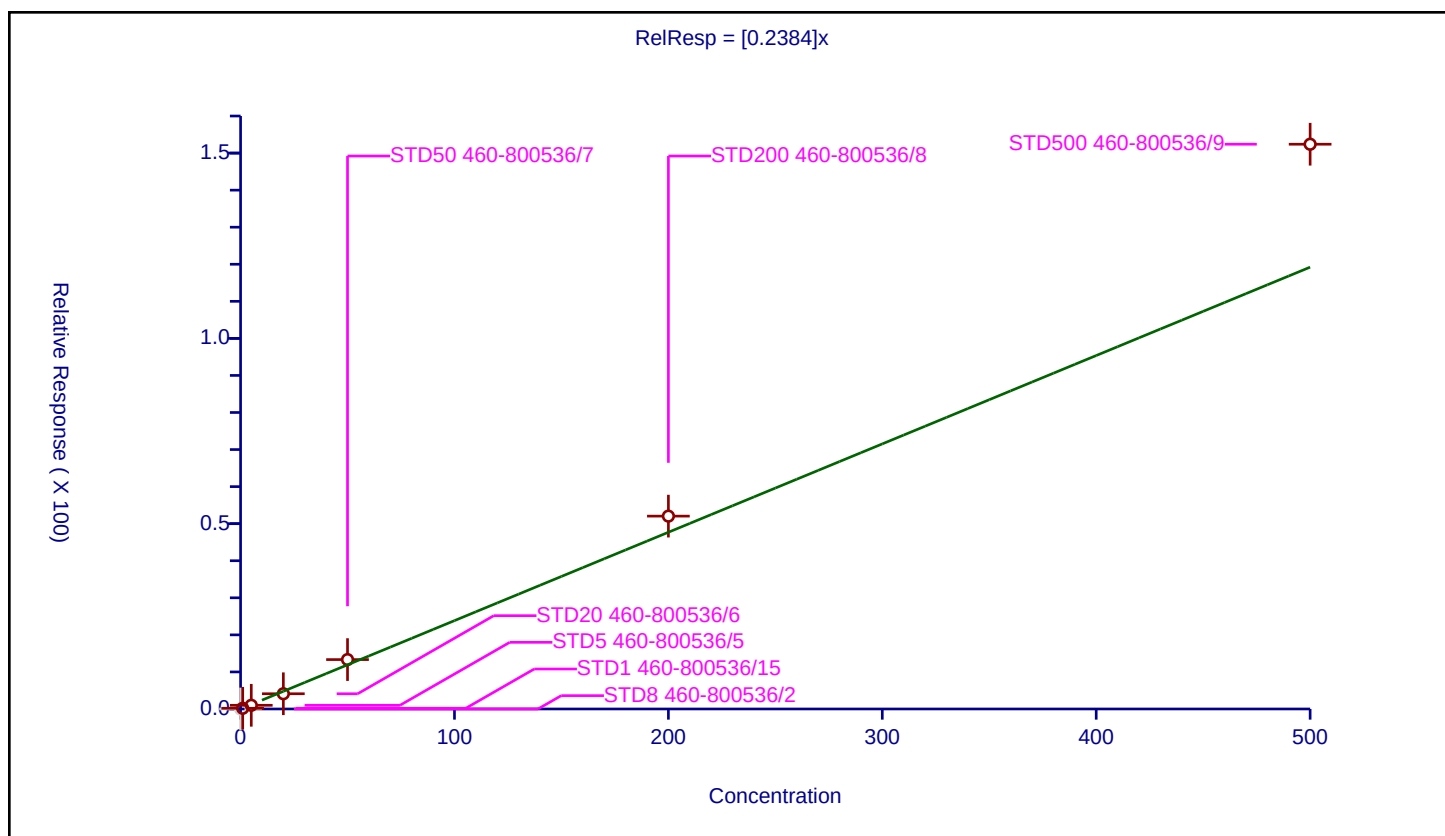
Curve Coefficients

Intercept: 0
 Slope: 0.2384

Error Coefficients

Standard Error: 497000
 Relative Standard Error: 19.0
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	0.193528	50.0	325535.0	0.193528	Y
3	STD5 460-800536/5	5.0	0.998552	50.0	276851.0	0.19971	Y
4	STD20 460-800536/6	20.0	4.115643	50.0	320849.0	0.205782	Y
5	STD50 460-800536/7	50.0	13.329015	50.0	289470.0	0.26658	Y
6	STD200 460-800536/8	200.0	52.039002	50.0	336905.0	0.260195	Y
7	STD500 460-800536/9	500.0	152.387579	50.0	344931.0	0.304775	Y



Calibration

/ Amyl acetate (mixed isomers)

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

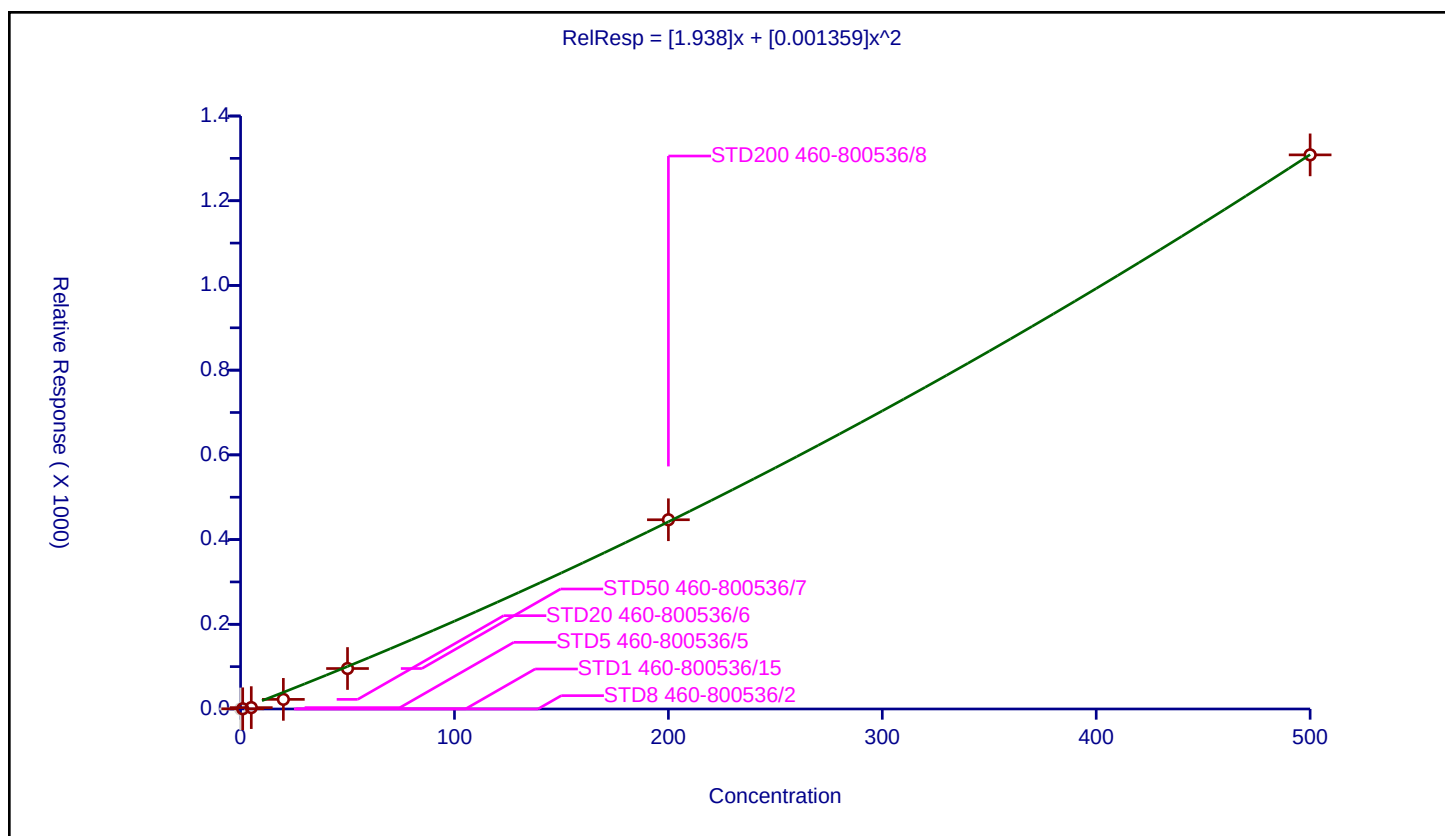
Curve Coefficients

Intercept: 0
 Slope: 1.938
 Second Order: 0.001359

Error Coefficients

Standard Error: 2110000
 Relative Standard Error: 54.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	0.466489	50.0	180819.0	0.466489	Y
3	STD5 460-800536/5	5.0	3.270391	50.0	164384.0	0.654078	Y
4	STD20 460-800536/6	20.0	22.701207	50.0	180660.0	1.13506	Y
5	STD50 460-800536/7	50.0	95.521078	50.0	150918.0	1.910422	Y
6	STD200 460-800536/8	200.0	446.767124	50.0	159239.0	2.233836	Y
7	STD500 460-800536/9	500.0	1308.24367	50.0	151492.0	2.616487	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

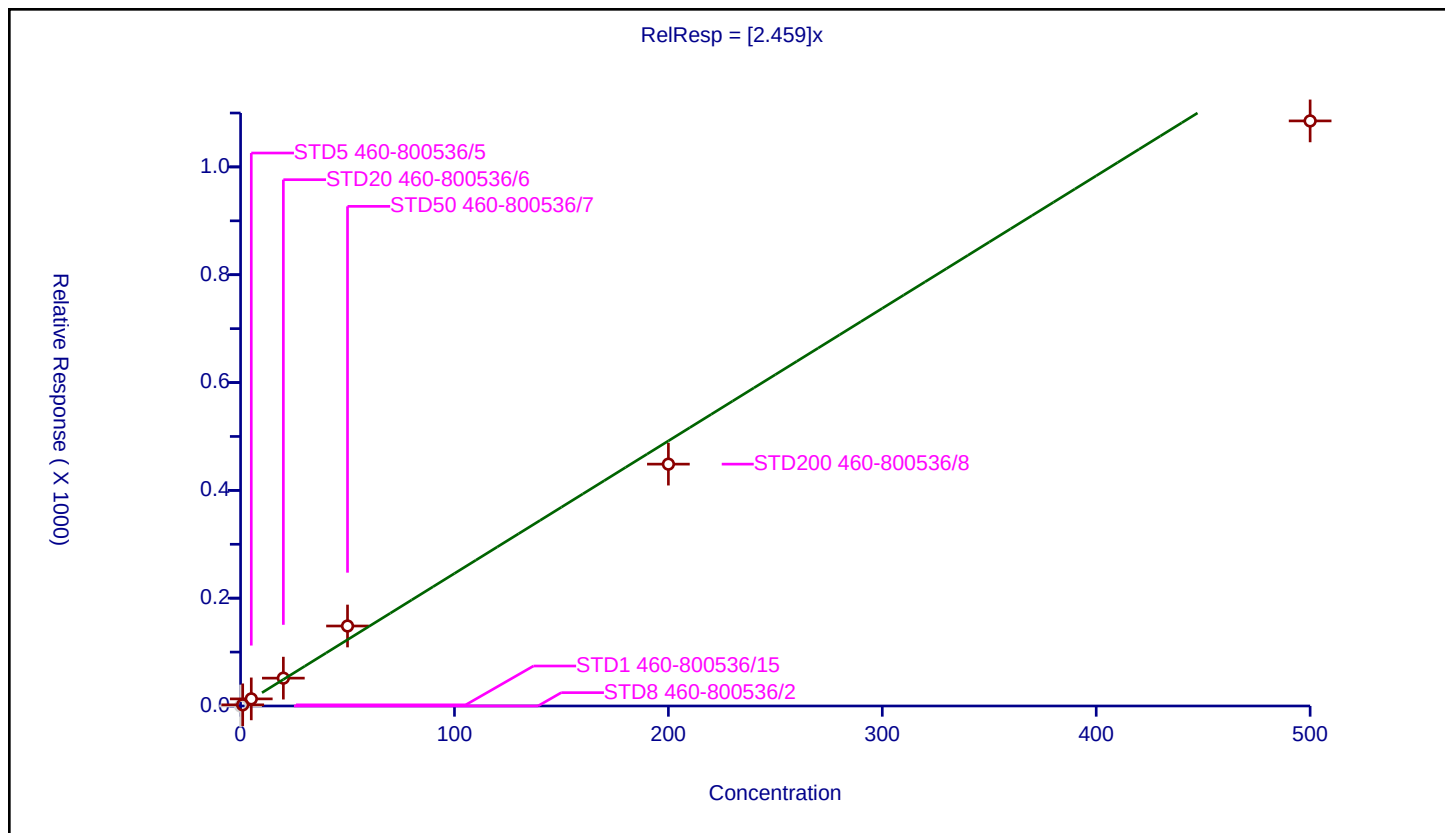
Curve Coefficients

Intercept: 0
 Slope: 2.459

Error Coefficients

Standard Error: 3630000
 Relative Standard Error: 13.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	430136.0	NaN	N
2	STD1 460-800536/15	1.0	2.150153	50.0	325535.0	2.150153	Y
3	STD5 460-800536/5	5.0	13.194101	50.0	276851.0	2.63882	Y
4	STD20 460-800536/6	20.0	51.664802	50.0	320849.0	2.58324	Y
5	STD50 460-800536/7	50.0	148.355615	50.0	289470.0	2.967112	Y
6	STD200 460-800536/8	200.0	448.629584	50.0	336905.0	2.243148	Y
7	STD500 460-800536/9	500.0	1085.332139	50.0	344931.0	2.170664	Y



Calibration

/ 4-Bromofluorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

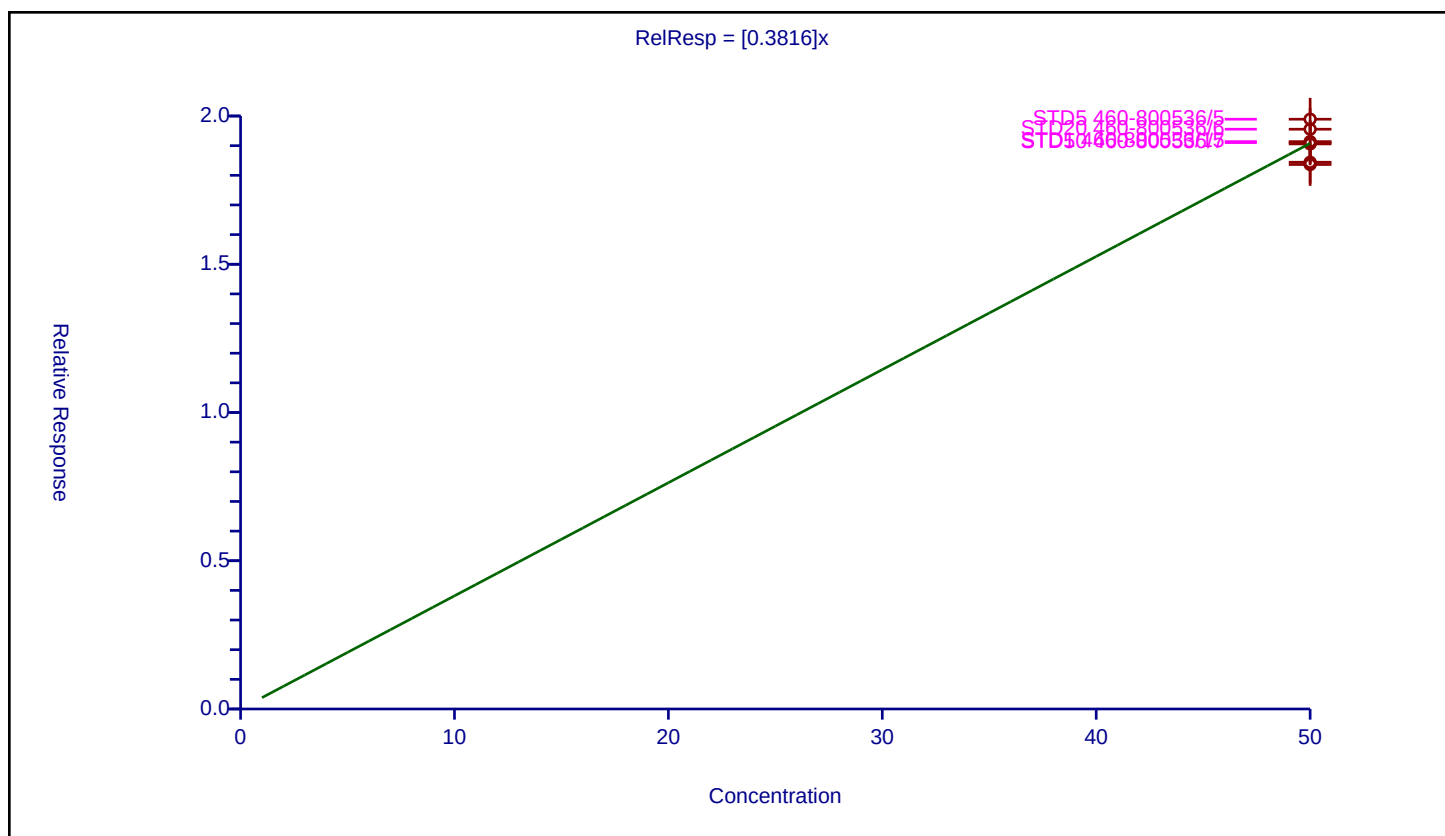
Curve Coefficients

Intercept: 0
 Slope: 0.3816

Error Coefficients

Standard Error: 138000
 Relative Standard Error: 2.9
 Correlation Coefficient: 0.00000000000000000000
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	50.0	19.058042	50.0	430136.0	0.381161	Y
2	STD5 460-800536/5	50.0	19.892469	50.0	276851.0	0.397849	Y
3	STD20 460-800536/6	50.0	19.55437	50.0	320849.0	0.391087	Y
4	STD50 460-800536/7	50.0	19.103189	50.0	289470.0	0.382064	Y
5	STD200 460-800536/8	50.0	18.441697	50.0	336905.0	0.368834	Y
6	STD500 460-800536/9	50.0	18.363818	50.0	344931.0	0.367276	Y
7	STD1 460-800536/15	50.0	19.136498	50.0	325535.0	0.38273	Y



Calibration

/ Bromobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

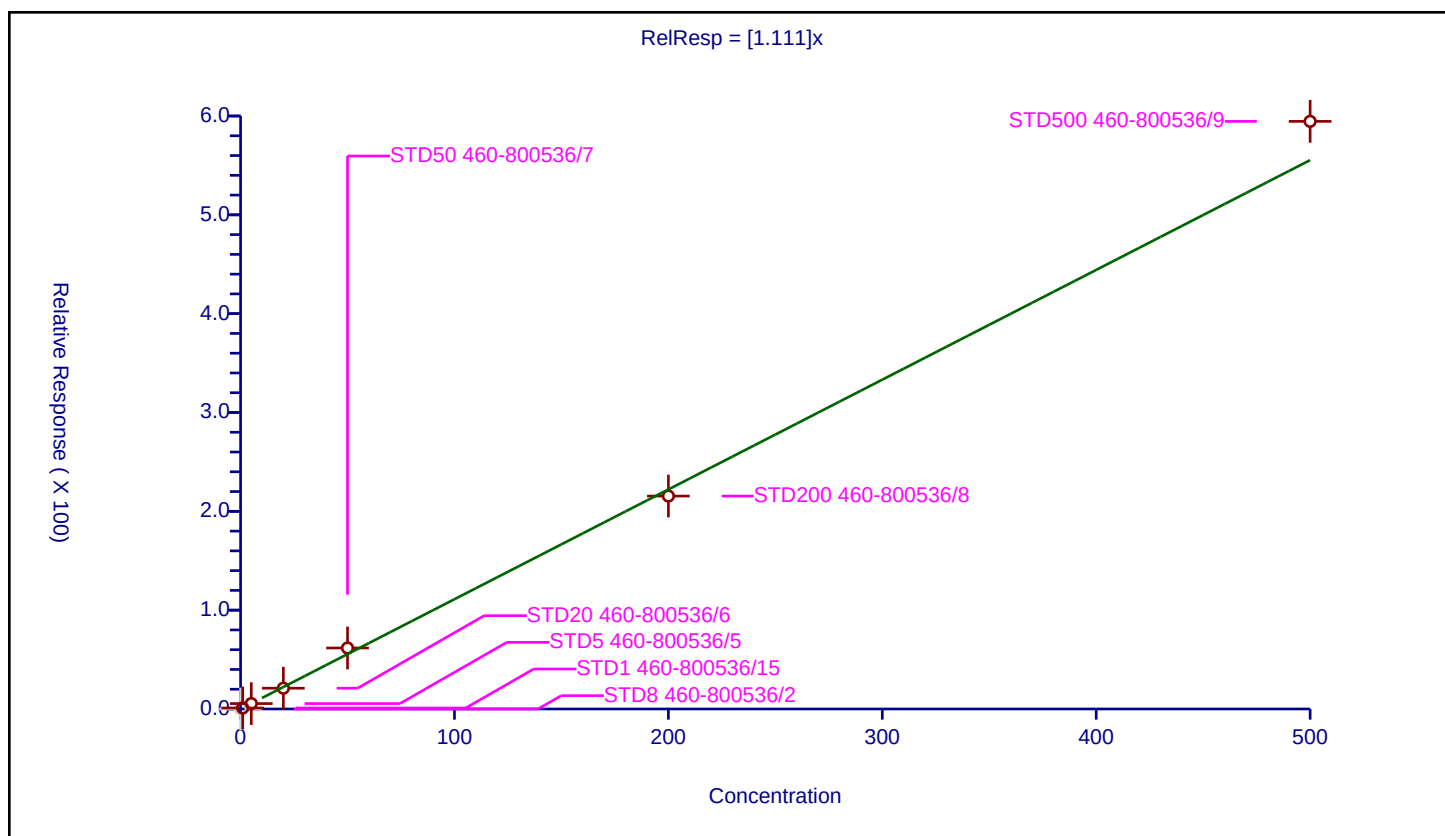
Curve Coefficients

Intercept: 0
 Slope: 1.111

Error Coefficients

Standard Error: 867000
 Relative Standard Error: 7.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	1.019804	50.0	180819.0	1.019804	Y
3	STD5 460-800536/5	5.0	5.45856	50.0	164384.0	1.091712	Y
4	STD20 460-800536/6	20.0	21.035924	50.0	180660.0	1.051796	Y
5	STD50 460-800536/7	50.0	61.724248	50.0	150918.0	1.234485	Y
6	STD200 460-800536/8	200.0	215.454443	50.0	159239.0	1.077272	Y
7	STD500 460-800536/9	500.0	594.584863	50.0	151492.0	1.18917	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

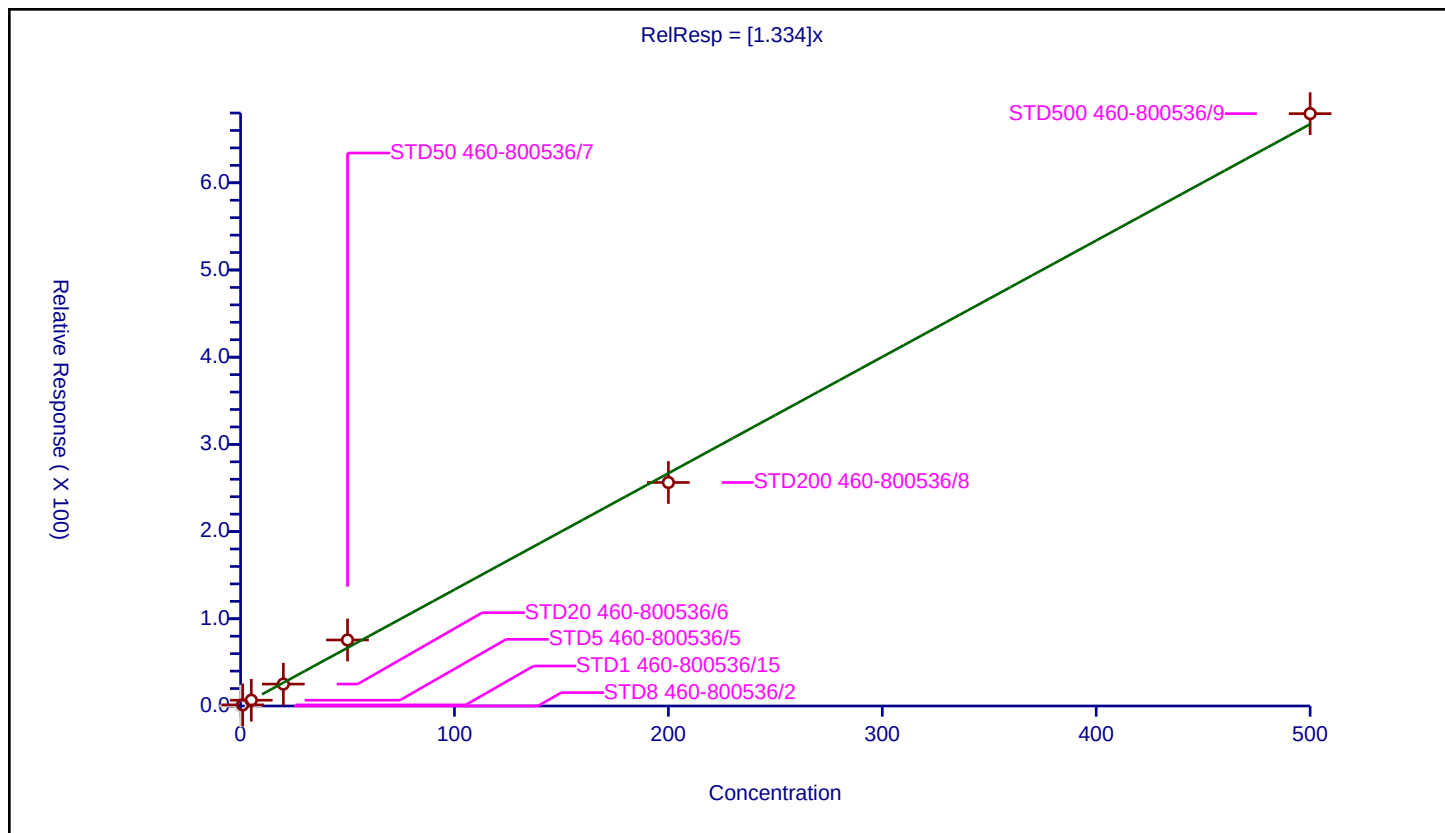
Curve Coefficients

Intercept: 0
 Slope: 1.334

Error Coefficients

Standard Error: 996000
 Relative Standard Error: 7.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	1.274479	50.0	180819.0	1.274479	Y
3	STD5 460-800536/5	5.0	6.609828	50.0	164384.0	1.321966	Y
4	STD20 460-800536/6	20.0	25.120115	50.0	180660.0	1.256006	Y
5	STD50 460-800536/7	50.0	75.701043	50.0	150918.0	1.514021	Y
6	STD200 460-800536/8	200.0	256.303418	50.0	159239.0	1.281517	Y
7	STD500 460-800536/9	500.0	679.279434	50.0	151492.0	1.358559	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

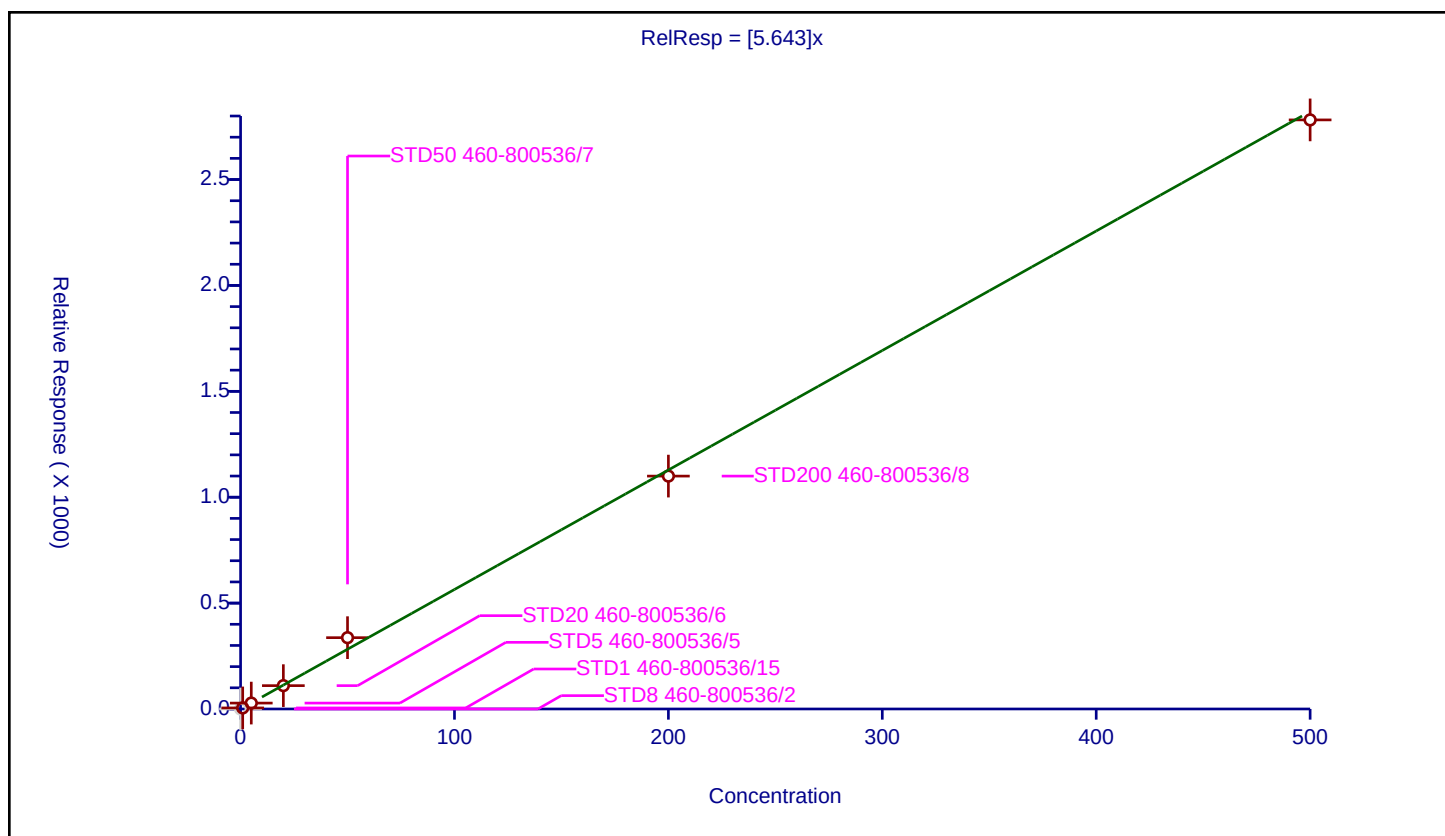
Curve Coefficients

Intercept: 0
 Slope: 5.643

Error Coefficients

Standard Error: 4110000
 Relative Standard Error: 10.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	4.96961	50.0	180819.0	4.96961	Y
3	STD5 460-800536/5	5.0	27.880146	50.0	164384.0	5.576029	Y
4	STD20 460-800536/6	20.0	110.253515	50.0	180660.0	5.512676	Y
5	STD50 460-800536/7	50.0	336.75539	50.0	150918.0	6.735108	Y
6	STD200 460-800536/8	200.0	1099.755399	50.0	159239.0	5.498777	Y
7	STD500 460-800536/9	500.0	2781.593087	50.0	151492.0	5.563186	Y



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

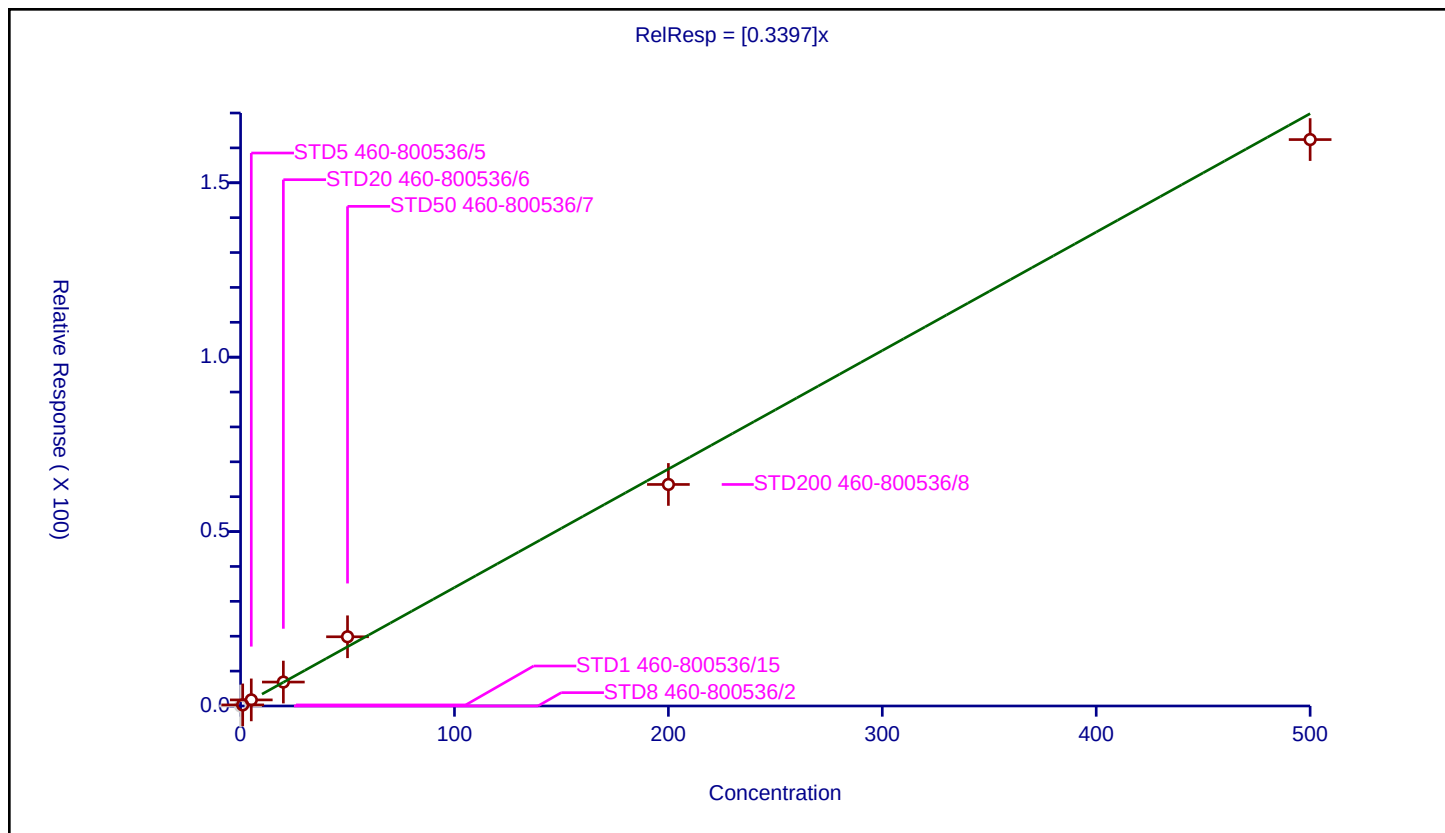
Curve Coefficients

Intercept: 0
 Slope: 0.3397

Error Coefficients

Standard Error: 240000
 Relative Standard Error: 9.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	0.30666	50.0	180819.0	0.30666	Y
3	STD5 460-800536/5	5.0	1.744391	50.0	164384.0	0.348878	Y
4	STD20 460-800536/6	20.0	6.863168	50.0	180660.0	0.343158	Y
5	STD50 460-800536/7	50.0	19.845545	50.0	150918.0	0.396911	Y
6	STD200 460-800536/8	200.0	63.508311	50.0	159239.0	0.317542	Y
7	STD500 460-800536/9	500.0	162.385803	50.0	151492.0	0.324772	Y



Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

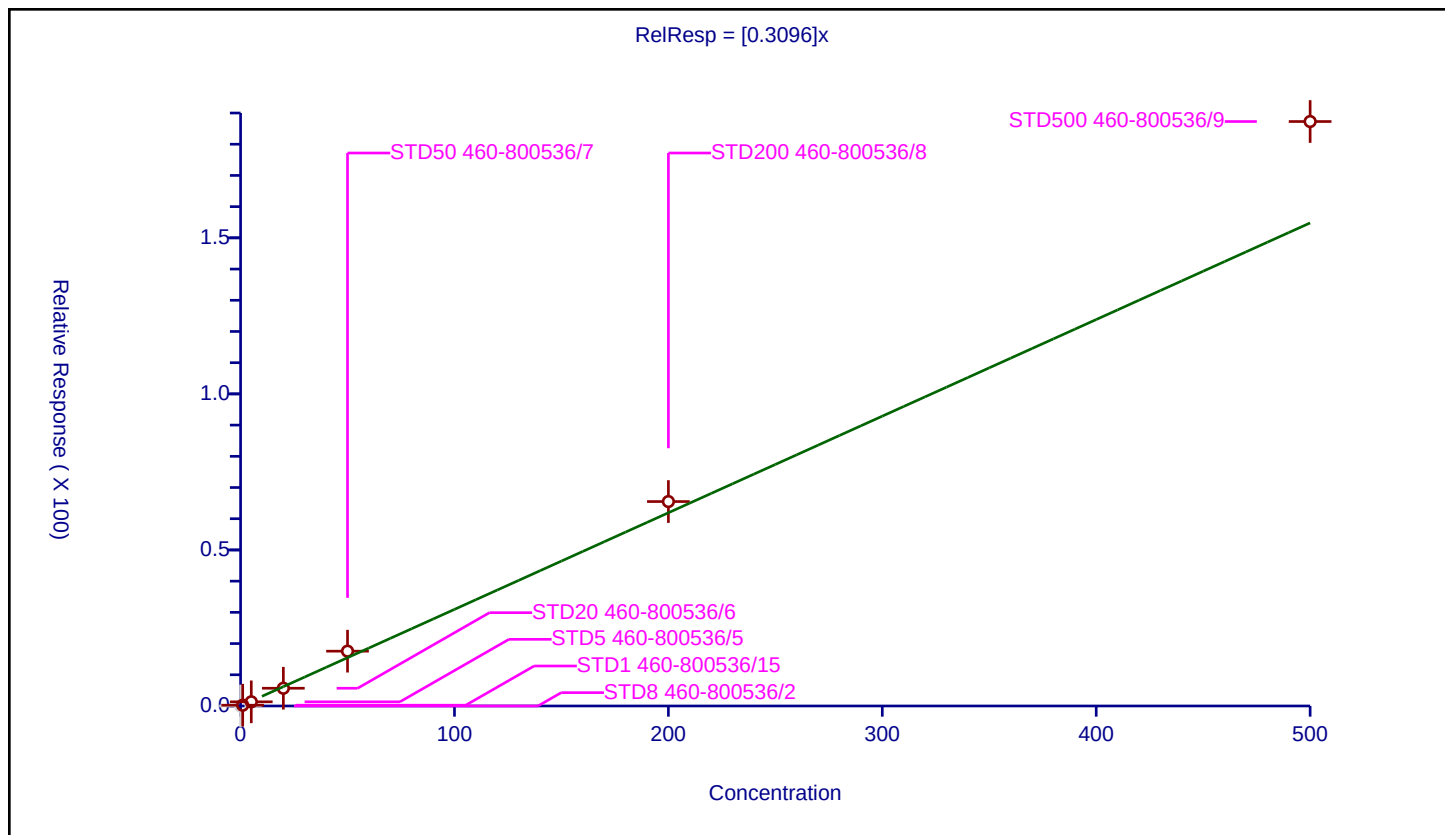
Curve Coefficients

Intercept: 0
 Slope: 0.3096

Error Coefficients

Standard Error: 271000
 Relative Standard Error: 15.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	0.252462	50.0	180819.0	0.252462	Y
3	STD5 460-800536/5	5.0	1.337417	50.0	164384.0	0.267483	Y
4	STD20 460-800536/6	20.0	5.682774	50.0	180660.0	0.284139	Y
5	STD50 460-800536/7	50.0	17.559867	50.0	150918.0	0.351197	Y
6	STD200 460-800536/8	200.0	65.505938	50.0	159239.0	0.32753	Y
7	STD500 460-800536/9	500.0	187.276556	50.0	151492.0	0.374553	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

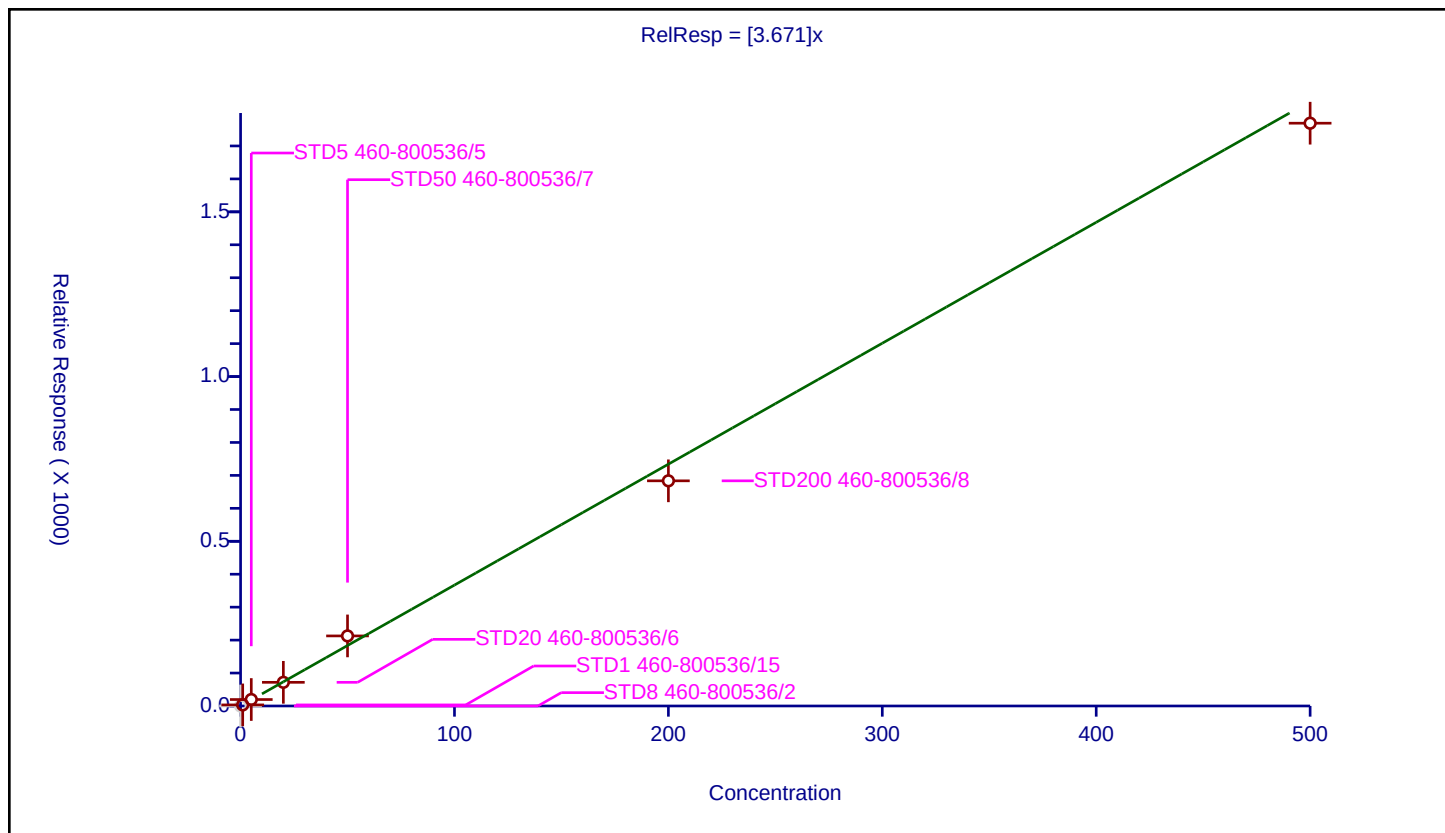
Curve Coefficients

Intercept: 0
 Slope: 3.671

Error Coefficients

Standard Error: 2610000
 Relative Standard Error: 9.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	3.292796	50.0	180819.0	3.292796	Y
3	STD5 460-800536/5	5.0	19.653373	50.0	164384.0	3.930675	Y
4	STD20 460-800536/6	20.0	71.810307	50.0	180660.0	3.590515	Y
5	STD50 460-800536/7	50.0	212.66615	50.0	150918.0	4.253323	Y
6	STD200 460-800536/8	200.0	683.511263	50.0	159239.0	3.417556	Y
7	STD500 460-800536/9	500.0	1769.115201	50.0	151492.0	3.53823	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

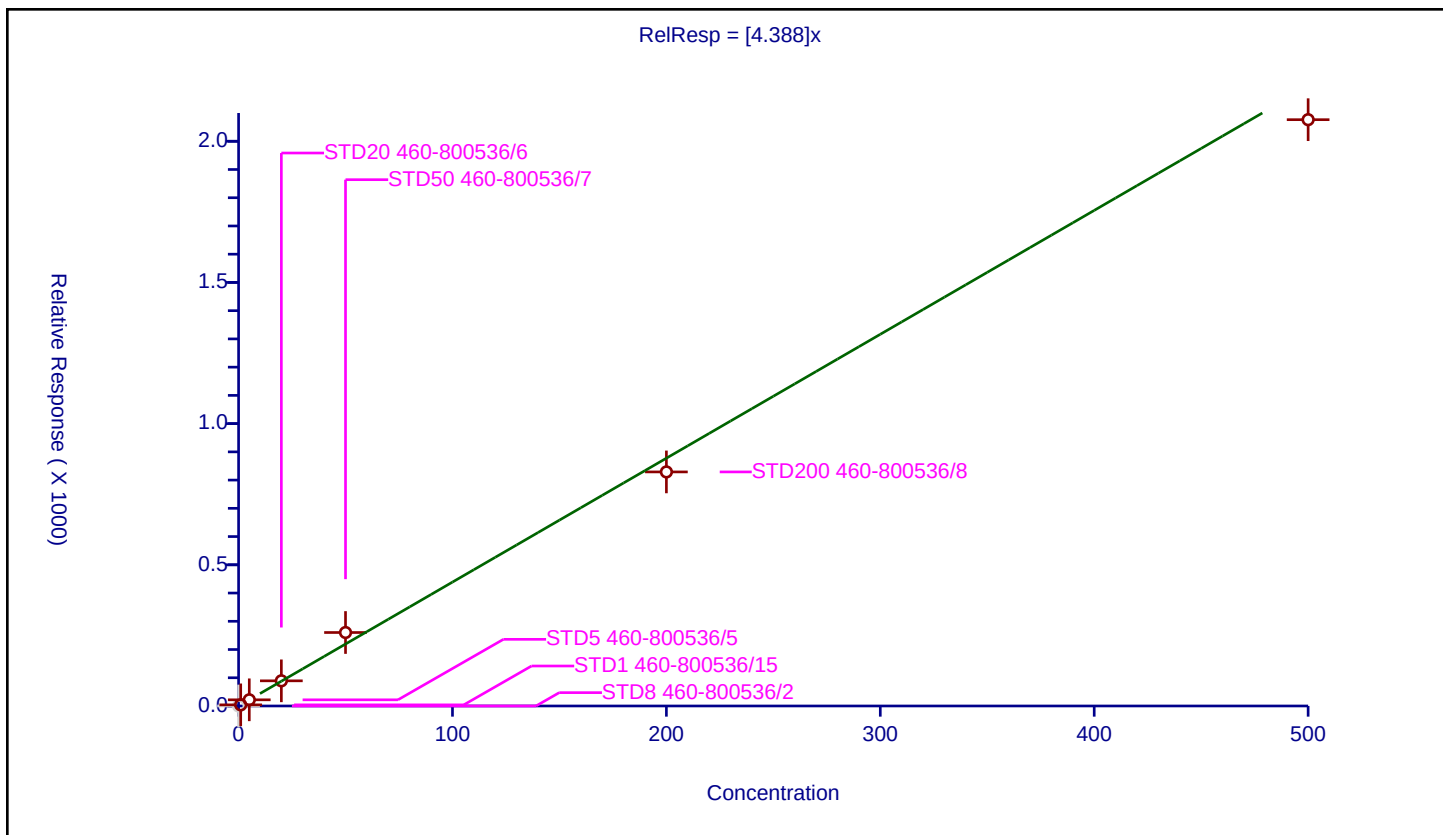
Curve Coefficients

Intercept: 0
 Slope: 4.388

Error Coefficients

Standard Error: 3070000
 Relative Standard Error: 9.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	3.995432	50.0	180819.0	3.995432	Y
3	STD5 460-800536/5	5.0	21.869829	50.0	164384.0	4.373966	Y
4	STD20 460-800536/6	20.0	89.11934	50.0	180660.0	4.455967	Y
5	STD50 460-800536/7	50.0	260.184339	50.0	150918.0	5.203687	Y
6	STD200 460-800536/8	200.0	828.938891	50.0	159239.0	4.144694	Y
7	STD500 460-800536/9	500.0	2076.394463	50.0	151492.0	4.152789	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

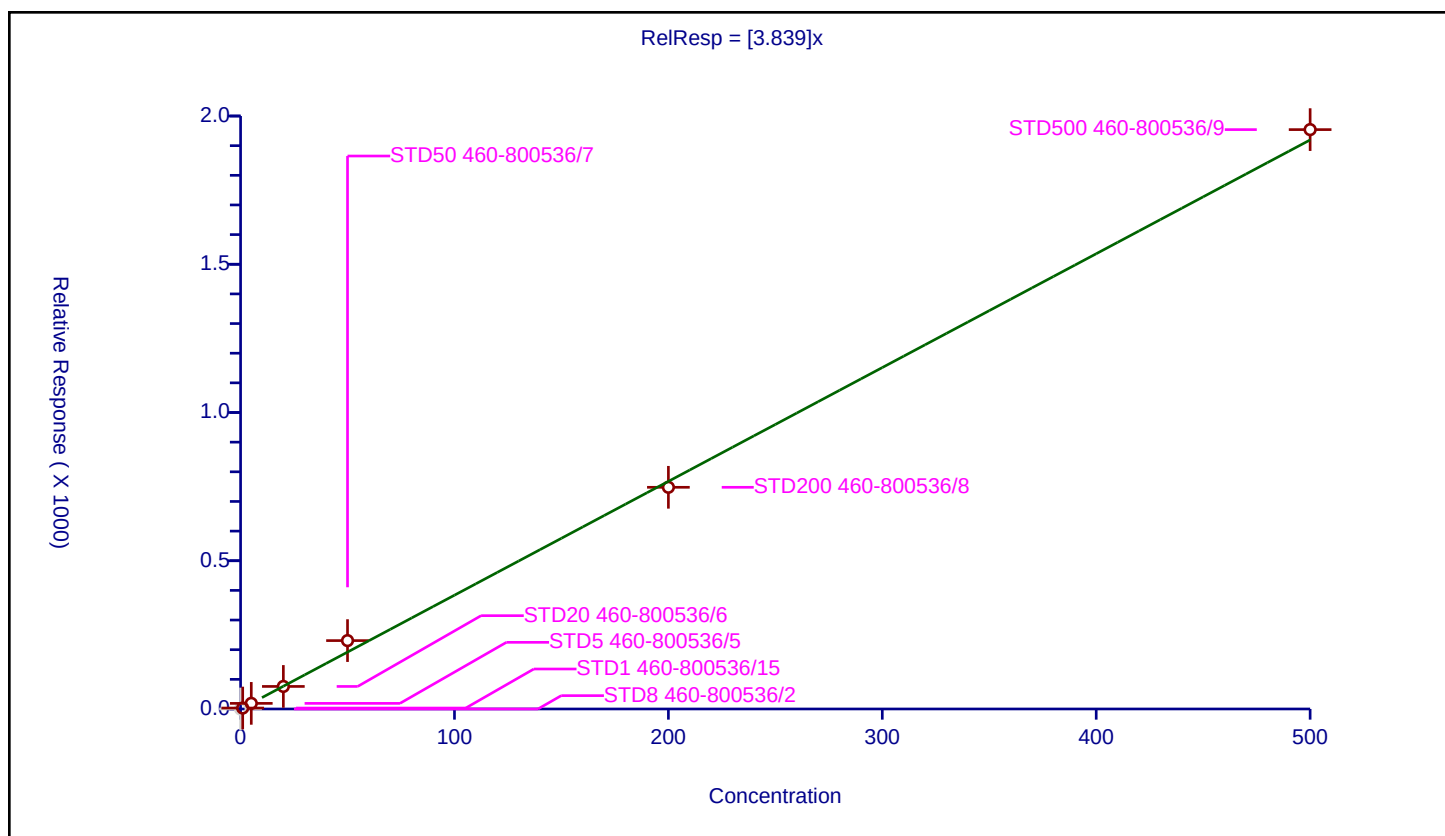
Curve Coefficients

Intercept: 0
 Slope: 3.839

Error Coefficients

Standard Error: 2870000
 Relative Standard Error: 11.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	3.189101	50.0	180819.0	3.189101	Y
3	STD5 460-800536/5	5.0	18.911816	50.0	164384.0	3.782363	Y
4	STD20 460-800536/6	20.0	76.022916	50.0	180660.0	3.801146	Y
5	STD50 460-800536/7	50.0	230.620602	50.0	150918.0	4.612412	Y
6	STD200 460-800536/8	200.0	747.759343	50.0	159239.0	3.738797	Y
7	STD500 460-800536/9	500.0	1954.115069	50.0	151492.0	3.90823	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

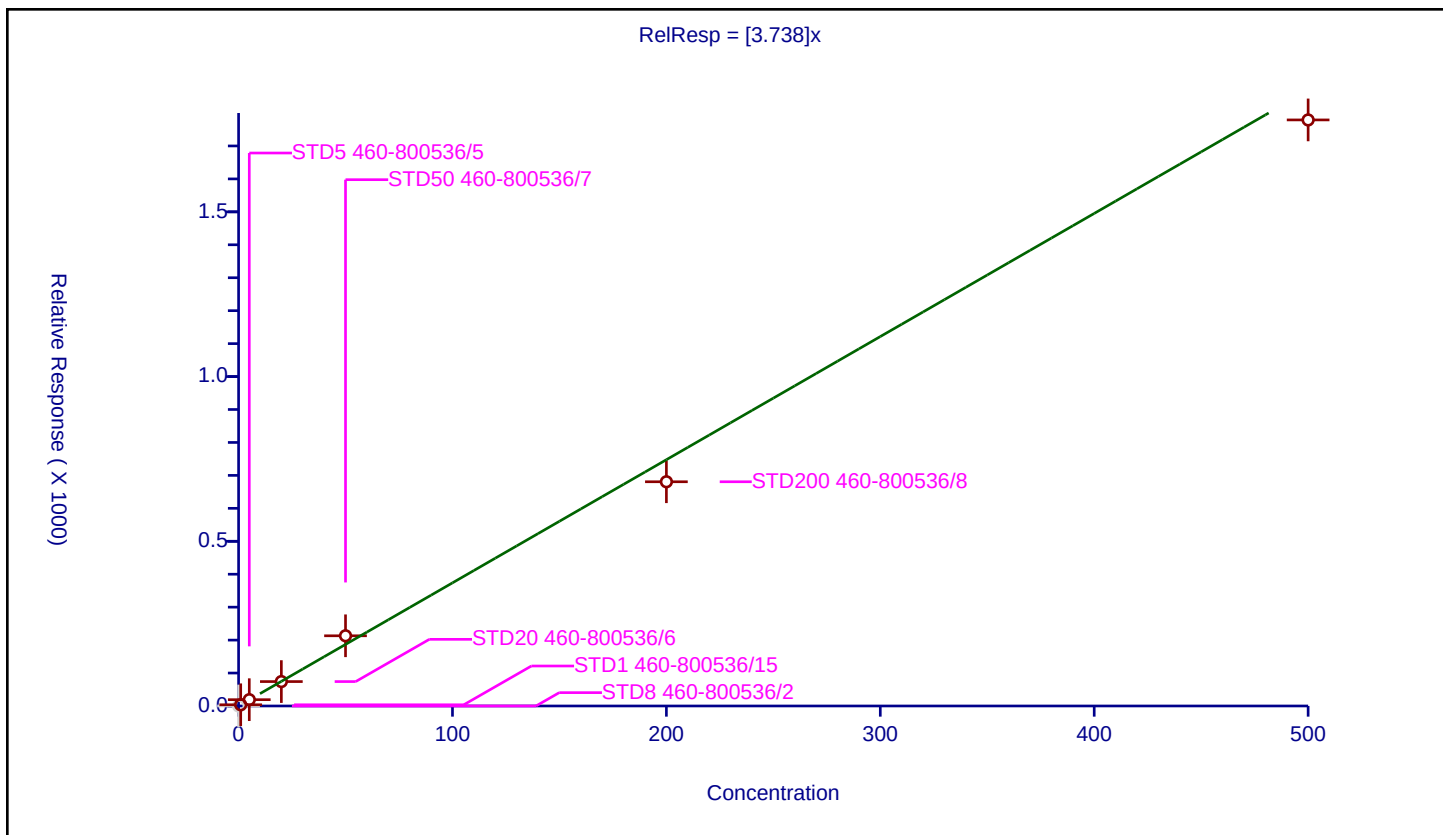
Curve Coefficients

Intercept: 0
 Slope: 3.738

Error Coefficients

Standard Error: 2620000
 Relative Standard Error: 7.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	3.665544	50.0	180819.0	3.665544	Y
3	STD5 460-800536/5	5.0	19.159711	50.0	164384.0	3.831942	Y
4	STD20 460-800536/6	20.0	74.135116	50.0	180660.0	3.706756	Y
5	STD50 460-800536/7	50.0	213.094197	50.0	150918.0	4.261884	Y
6	STD200 460-800536/8	200.0	680.682182	50.0	159239.0	3.403411	Y
7	STD500 460-800536/9	500.0	1778.99361	50.0	151492.0	3.557987	Y



Calibration

/ Butyl Methacrylate

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

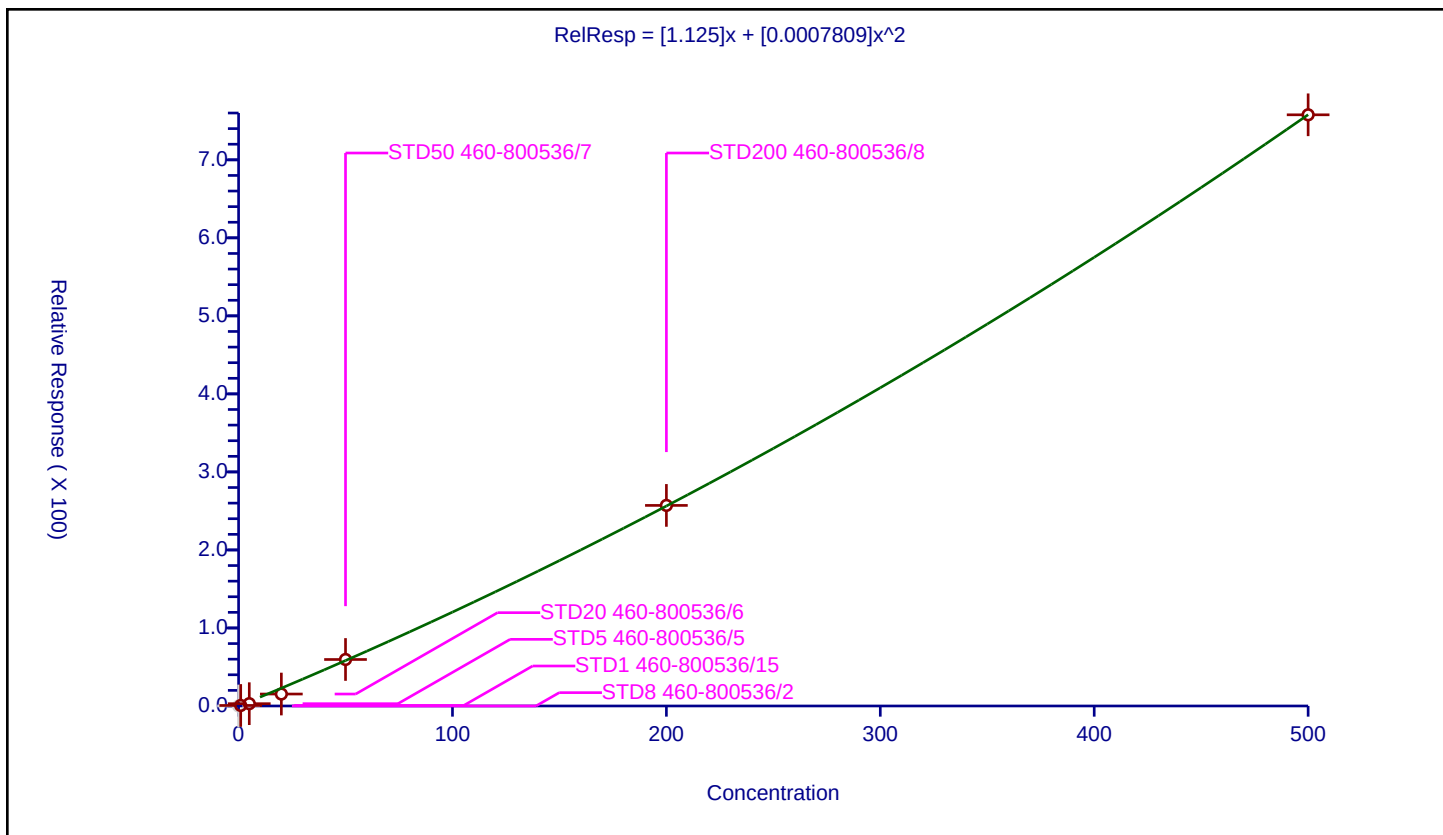
Curve Coefficients

Intercept: 0
 Slope: 1.125
 Second Order: 0.0007809

Error Coefficients

Standard Error: 1220000
 Relative Standard Error: 35.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	0.65148	50.0	180819.0	0.65148	Y
3	STD5 460-800536/5	5.0	2.96075	50.0	164384.0	0.59215	Y
4	STD20 460-800536/6	20.0	15.331285	50.0	180660.0	0.766564	Y
5	STD50 460-800536/7	50.0	59.592295	50.0	150918.0	1.191846	Y
6	STD200 460-800536/8	200.0	257.081494	50.0	159239.0	1.285407	Y
7	STD500 460-800536/9	500.0	757.726151	50.0	151492.0	1.515452	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

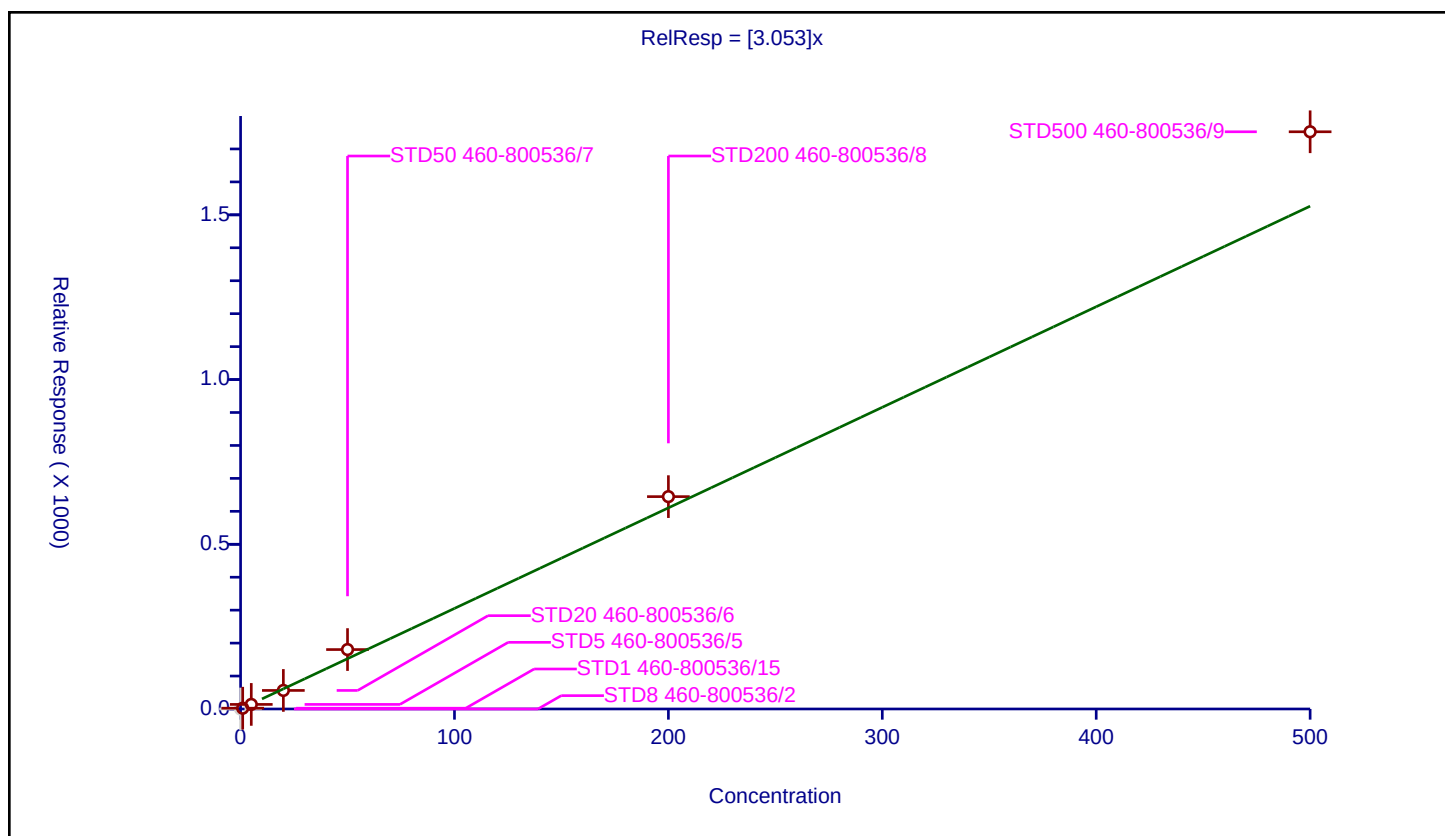
Curve Coefficients

Intercept: 0
Slope: 3.053

Error Coefficients

Standard Error: 2560000
Relative Standard Error: 15.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	2.387747	50.0	180819.0	2.387747	Y
3	STD5 460-800536/5	5.0	13.883042	50.0	164384.0	2.776608	Y
4	STD20 460-800536/6	20.0	56.304937	50.0	180660.0	2.815247	Y
5	STD50 460-800536/7	50.0	180.418174	50.0	150918.0	3.608363	Y
6	STD200 460-800536/8	200.0	644.629456	50.0	159239.0	3.223147	Y
7	STD500 460-800536/9	500.0	1752.182954	50.0	151492.0	3.504366	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

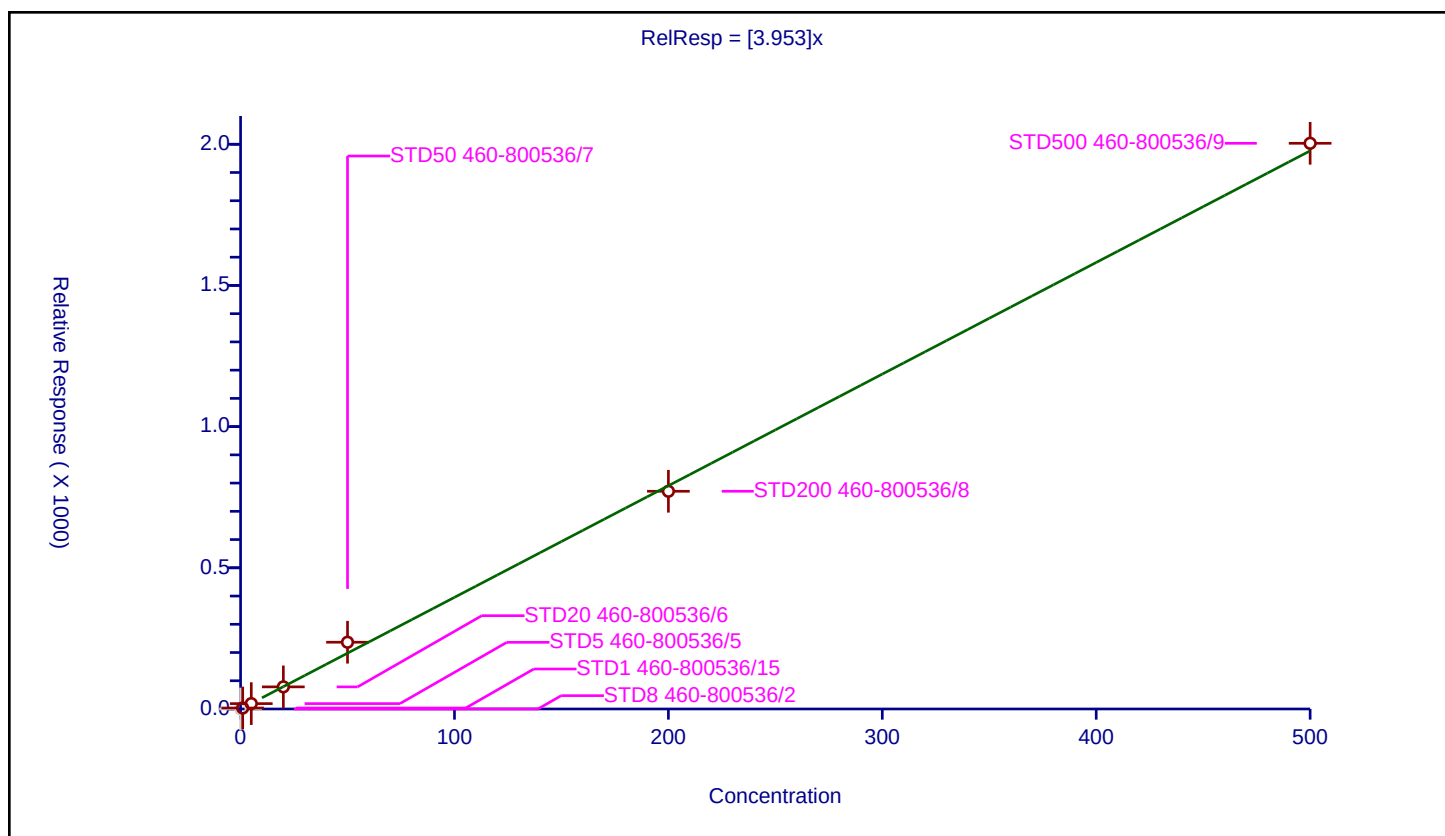
Curve Coefficients

Intercept: 0
 Slope: 3.953

Error Coefficients

Standard Error: 2950000
 Relative Standard Error: 11.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	3.402021	50.0	180819.0	3.402021	Y
3	STD5 460-800536/5	5.0	19.036828	50.0	164384.0	3.807366	Y
4	STD20 460-800536/6	20.0	78.378169	50.0	180660.0	3.918908	Y
5	STD50 460-800536/7	50.0	236.469805	50.0	150918.0	4.729396	Y
6	STD200 460-800536/8	200.0	771.008672	50.0	159239.0	3.855043	Y
7	STD500 460-800536/9	500.0	2003.412721	50.0	151492.0	4.006825	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

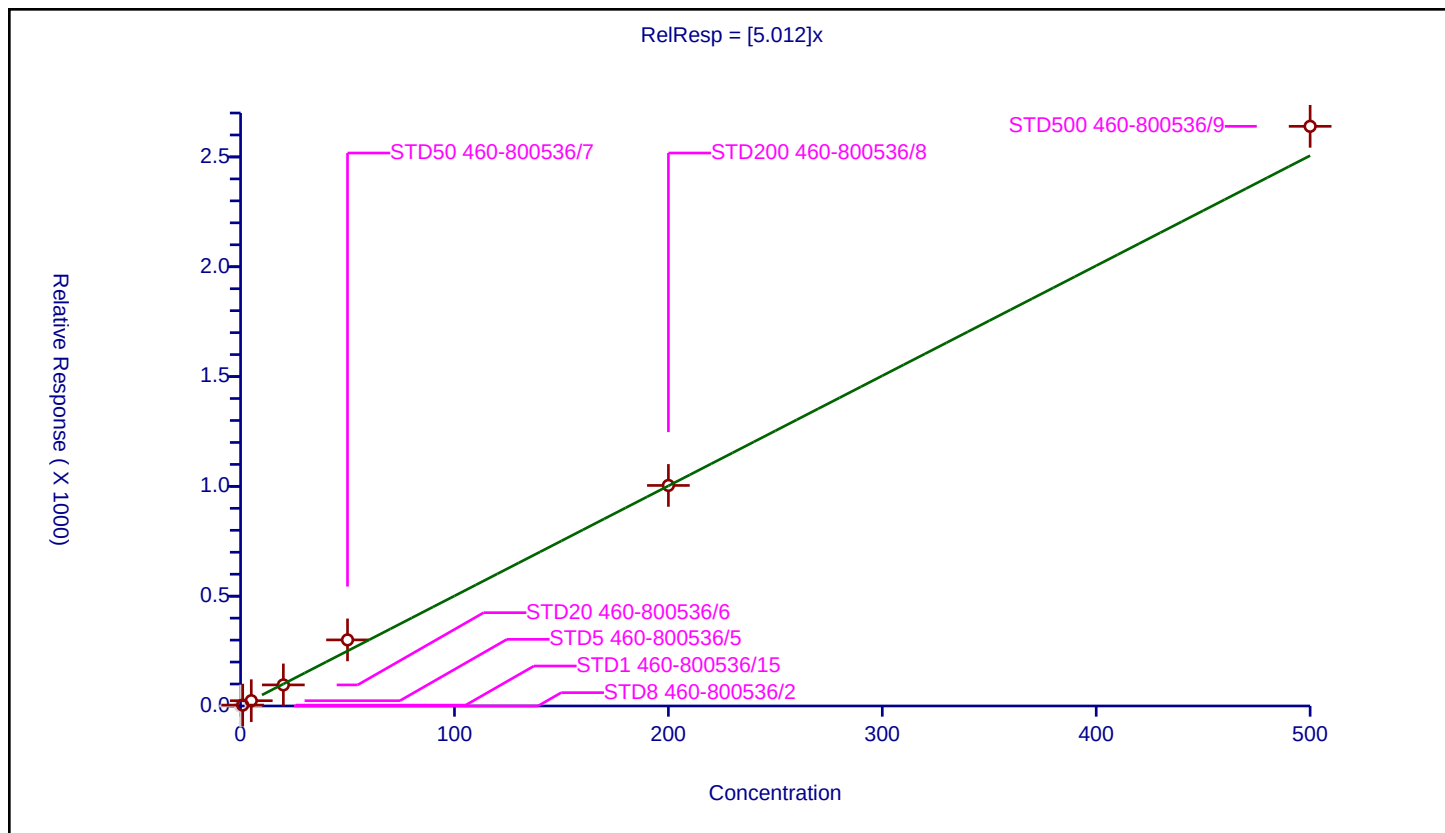
Curve Coefficients

Intercept: 0
Slope: 5.012

Error Coefficients

Standard Error: 3880000
Relative Standard Error: 12.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	4.125673	50.0	180819.0	4.125673	Y
3	STD5 460-800536/5	5.0	24.149856	50.0	164384.0	4.829971	Y
4	STD20 460-800536/6	20.0	95.933522	50.0	180660.0	4.796676	Y
5	STD50 460-800536/7	50.0	300.995905	50.0	150918.0	6.019918	Y
6	STD200 460-800536/8	200.0	1004.240795	50.0	159239.0	5.021204	Y
7	STD500 460-800536/9	500.0	2639.433105	50.0	151492.0	5.278866	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

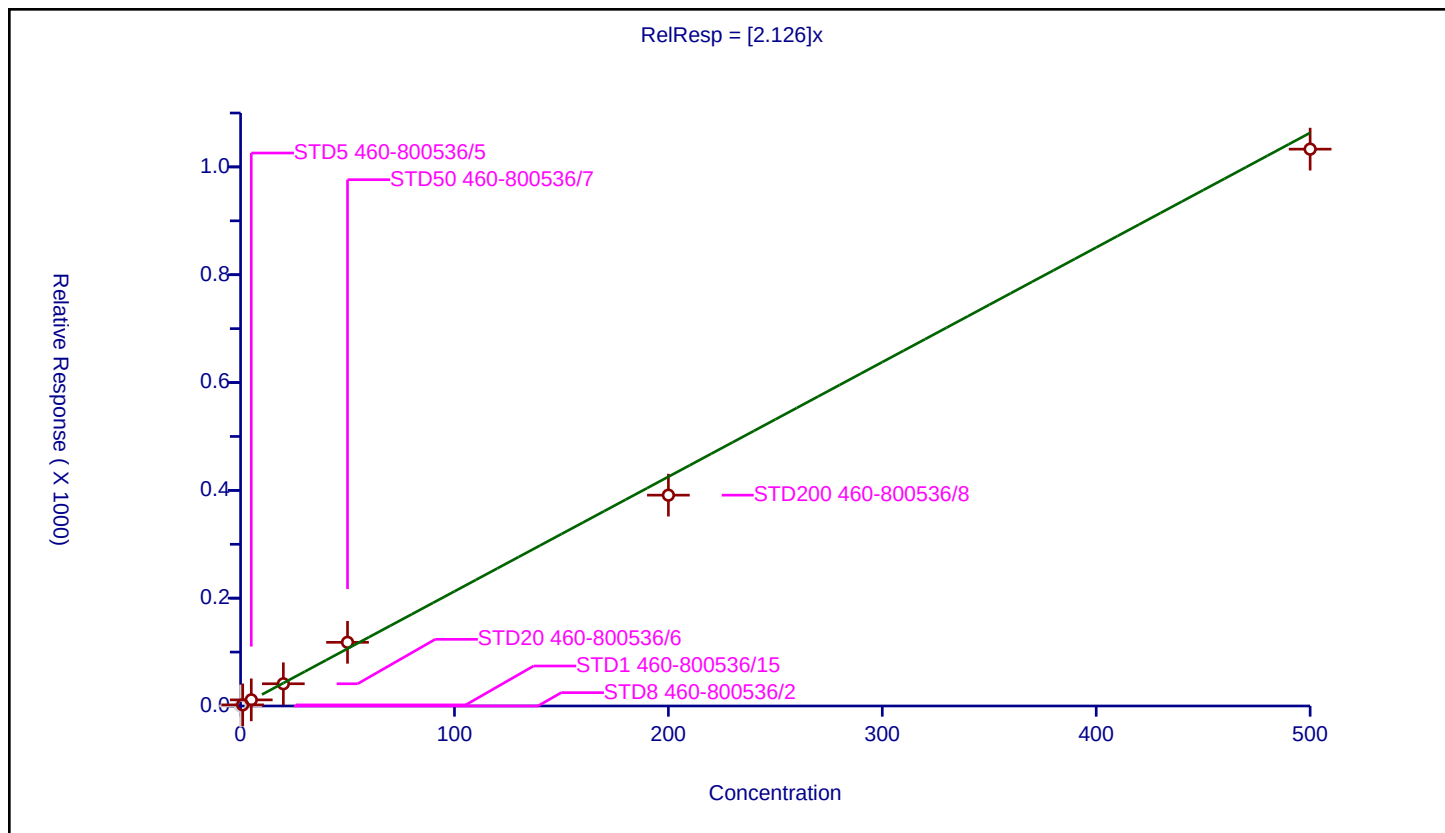
Curve Coefficients

Intercept: 0
 Slope: 2.126

Error Coefficients

Standard Error: 1520000
 Relative Standard Error: 7.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	2.045139	50.0	180819.0	2.045139	Y
3	STD5 460-800536/5	5.0	11.343257	50.0	164384.0	2.268651	Y
4	STD20 460-800536/6	20.0	41.22523	50.0	180660.0	2.061261	Y
5	STD50 460-800536/7	50.0	118.110828	50.0	150918.0	2.362217	Y
6	STD200 460-800536/8	200.0	391.116498	50.0	159239.0	1.955582	Y
7	STD500 460-800536/9	500.0	1032.994152	50.0	151492.0	2.065988	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

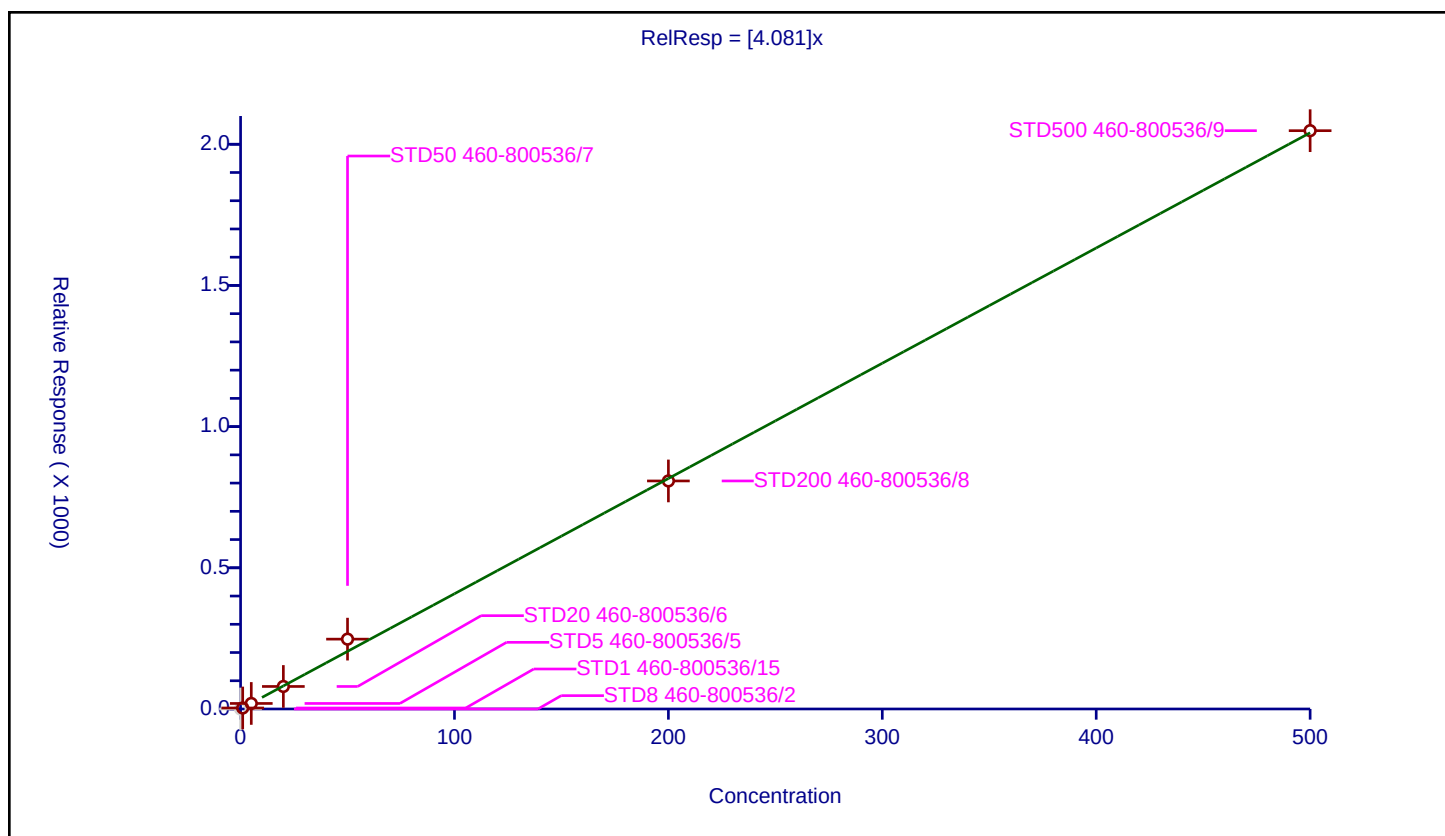
Curve Coefficients

Intercept: 0
 Slope: 4.081

Error Coefficients

Standard Error: 3020000
 Relative Standard Error: 11.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	3.506545	50.0	180819.0	3.506545	Y
3	STD5 460-800536/5	5.0	19.57581	50.0	164384.0	3.915162	Y
4	STD20 460-800536/6	20.0	79.708292	50.0	180660.0	3.985415	Y
5	STD50 460-800536/7	50.0	247.368438	50.0	150918.0	4.947369	Y
6	STD200 460-800536/8	200.0	807.638204	50.0	159239.0	4.038191	Y
7	STD500 460-800536/9	500.0	2048.043461	50.0	151492.0	4.096087	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

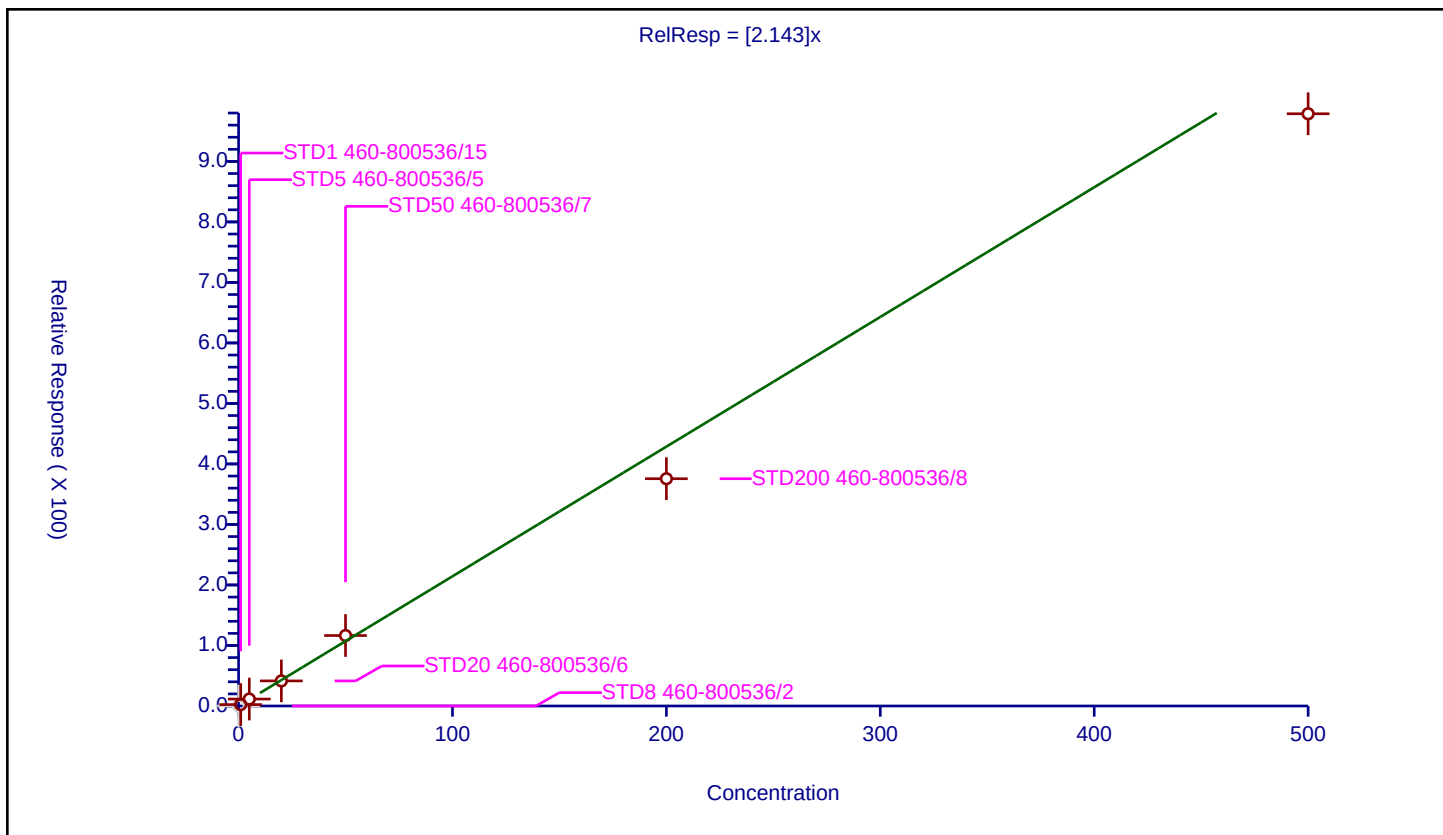
Curve Coefficients

Intercept: 0
 Slope: 2.143

Error Coefficients

Standard Error: 1440000
 Relative Standard Error: 9.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	2.32553	50.0	180819.0	2.32553	Y
3	STD5 460-800536/5	5.0	11.484694	50.0	164384.0	2.296939	Y
4	STD20 460-800536/6	20.0	41.42782	50.0	180660.0	2.071391	Y
5	STD50 460-800536/7	50.0	116.467552	50.0	150918.0	2.329351	Y
6	STD200 460-800536/8	200.0	375.579789	50.0	159239.0	1.877899	Y
7	STD500 460-800536/9	500.0	978.784358	50.0	151492.0	1.957569	Y



Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

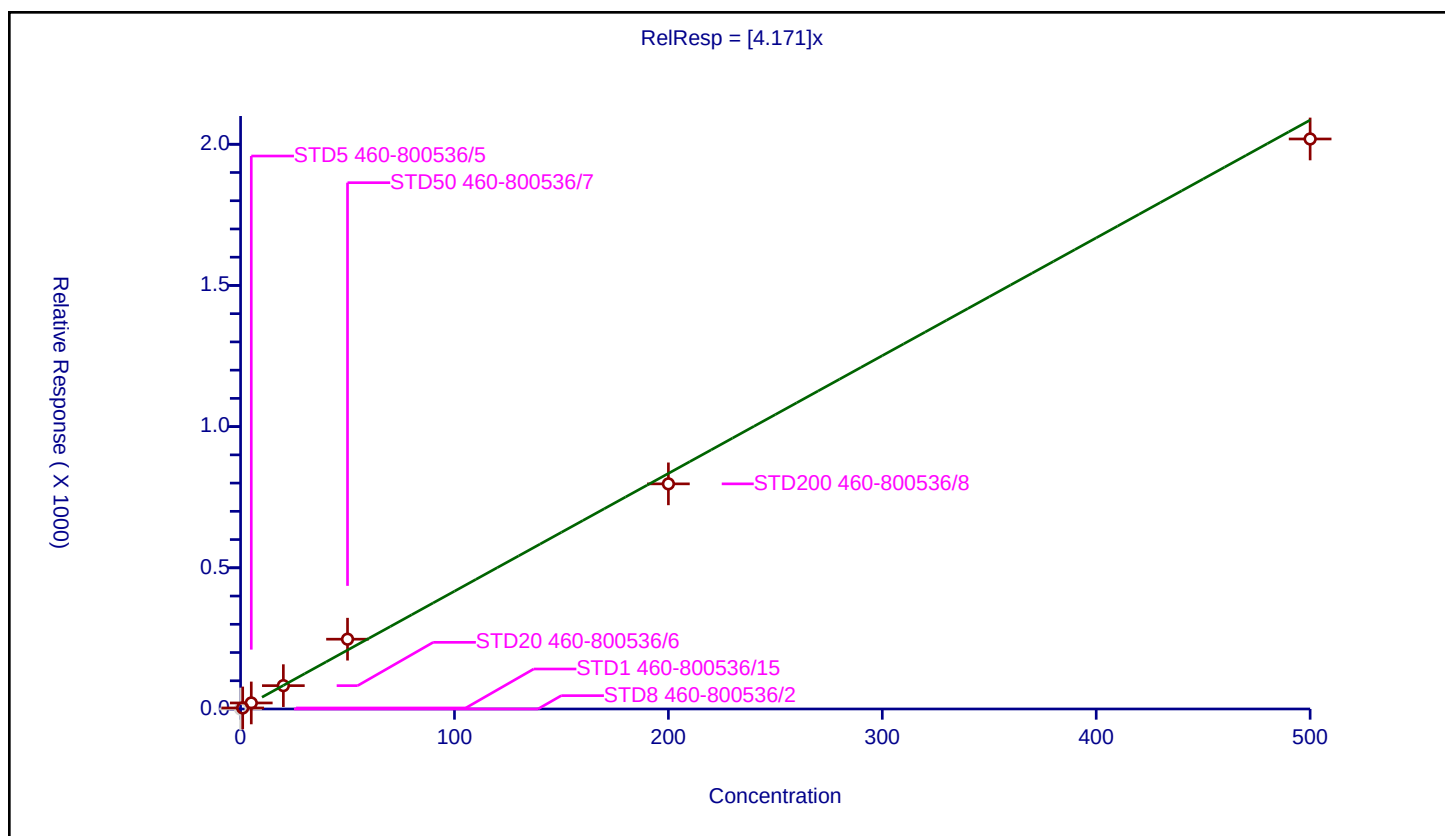
Curve Coefficients

Intercept: 0
 Slope: 4.171

Error Coefficients

Standard Error: 2980000
 Relative Standard Error: 10.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	3.656142	50.0	180819.0	3.656142	Y
3	STD5 460-800536/5	5.0	21.350314	50.0	164384.0	4.270063	Y
4	STD20 460-800536/6	20.0	82.679619	50.0	180660.0	4.133981	Y
5	STD50 460-800536/7	50.0	247.150108	50.0	150918.0	4.943002	Y
6	STD200 460-800536/8	200.0	797.261035	50.0	159239.0	3.986305	Y
7	STD500 460-800536/9	500.0	2018.698677	50.0	151492.0	4.037397	Y



Calibration

/ Benzyl chloride

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

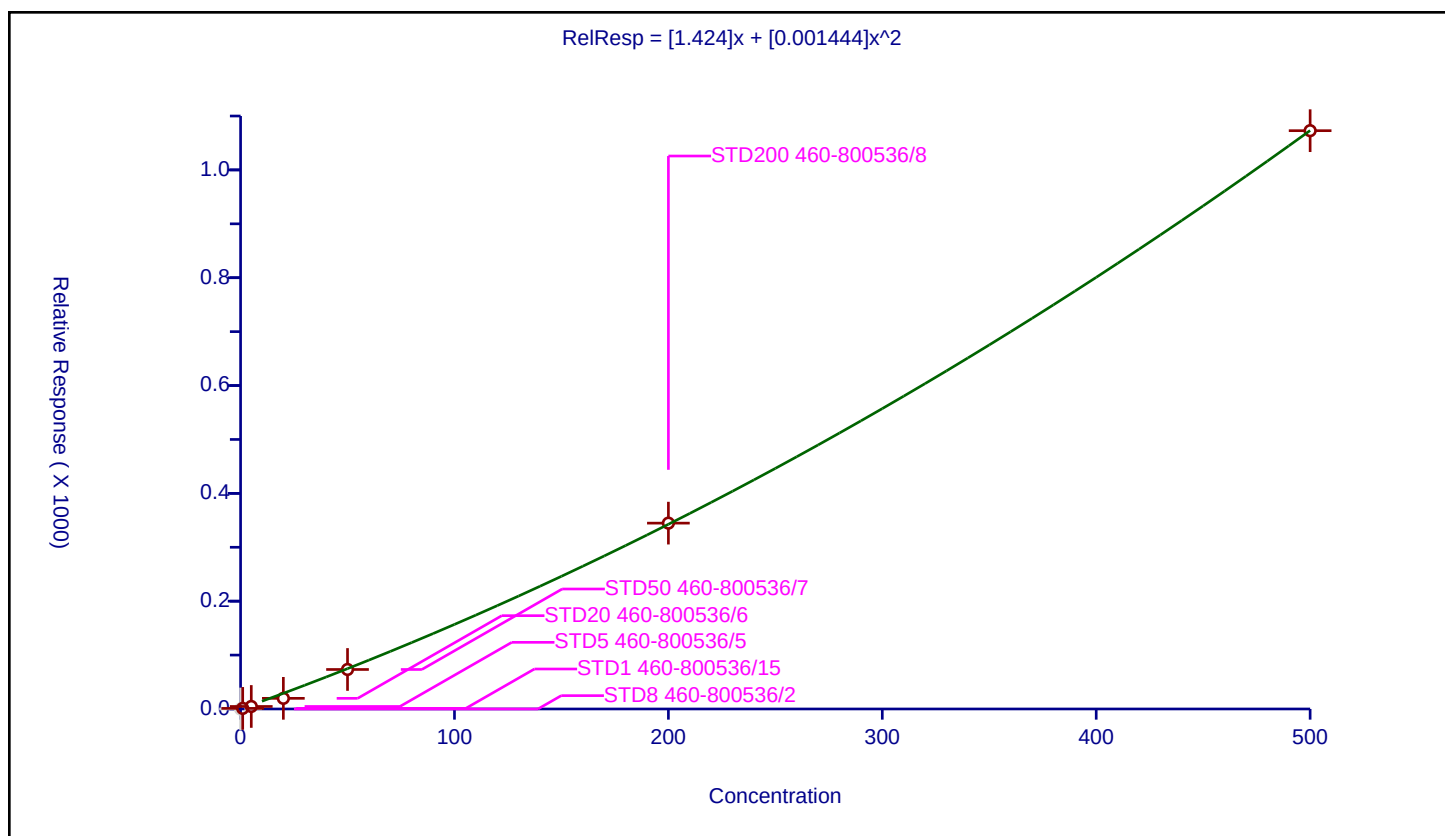
Curve Coefficients

Intercept: 0
 Slope: 1.424
 Second Order: 0.001444

Error Coefficients

Standard Error: 1720000
 Relative Standard Error: 25.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	1.135943	50.0	180819.0	1.135943	Y
3	STD5 460-800536/5	5.0	4.676854	50.0	164384.0	0.935371	Y
4	STD20 460-800536/6	20.0	19.771947	50.0	180660.0	0.988597	Y
5	STD50 460-800536/7	50.0	73.276879	50.0	150918.0	1.465538	Y
6	STD200 460-800536/8	200.0	344.789593	50.0	159239.0	1.723948	Y
7	STD500 460-800536/9	500.0	1072.778431	50.0	151492.0	2.145557	Y



Calibration

/ 2,3-Dihydroindene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

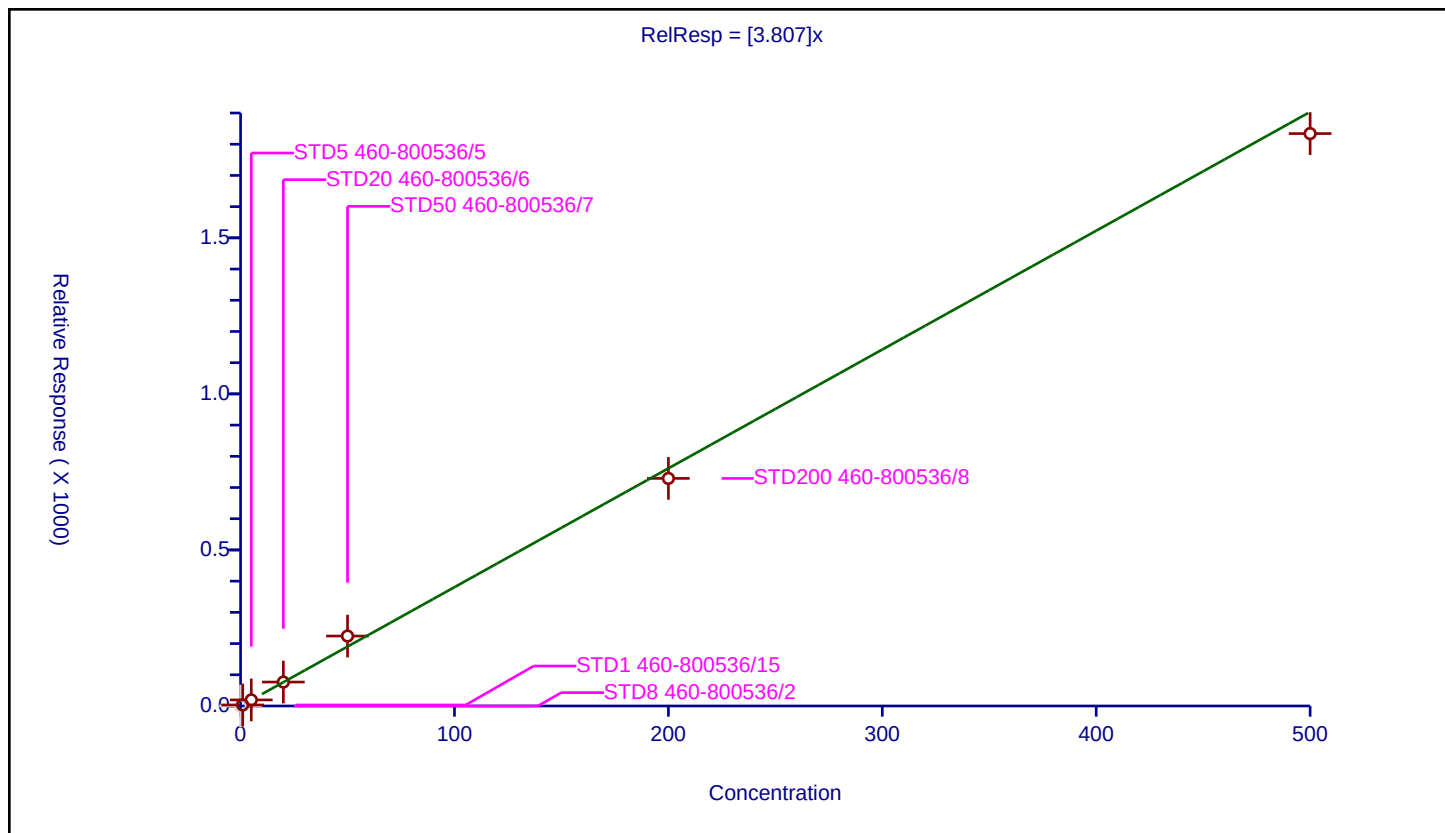
Curve Coefficients

Intercept: 0
 Slope: 3.807

Error Coefficients

Standard Error: 2710000
 Relative Standard Error: 10.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	3.323489	50.0	180819.0	3.323489	Y
3	STD5 460-800536/5	5.0	19.440152	50.0	164384.0	3.88803	Y
4	STD20 460-800536/6	20.0	76.679398	50.0	180660.0	3.83397	Y
5	STD50 460-800536/7	50.0	224.116076	50.0	150918.0	4.482322	Y
6	STD200 460-800536/8	200.0	729.261362	50.0	159239.0	3.646307	Y
7	STD500 460-800536/9	500.0	1834.155269	50.0	151492.0	3.668311	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

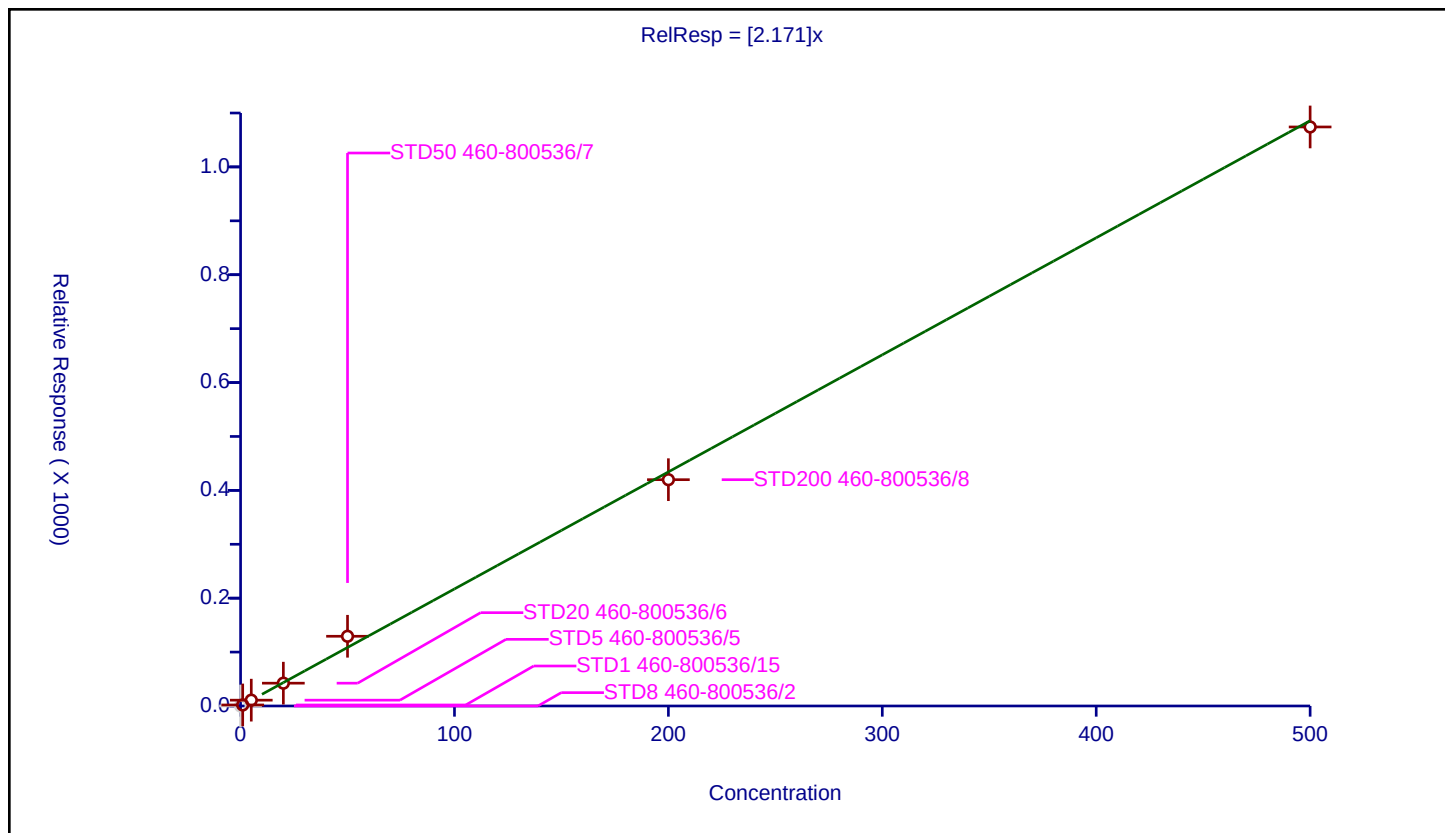
Curve Coefficients

Intercept: 0
 Slope: 2.171

Error Coefficients

Standard Error: 1580000
 Relative Standard Error: 10.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	1.919046	50.0	180819.0	1.919046	Y
3	STD5 460-800536/5	5.0	10.798192	50.0	164384.0	2.159638	Y
4	STD20 460-800536/6	20.0	42.315399	50.0	180660.0	2.11577	Y
5	STD50 460-800536/7	50.0	129.332154	50.0	150918.0	2.586643	Y
6	STD200 460-800536/8	200.0	419.79289	50.0	159239.0	2.098964	Y
7	STD500 460-800536/9	500.0	1074.138568	50.0	151492.0	2.148277	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

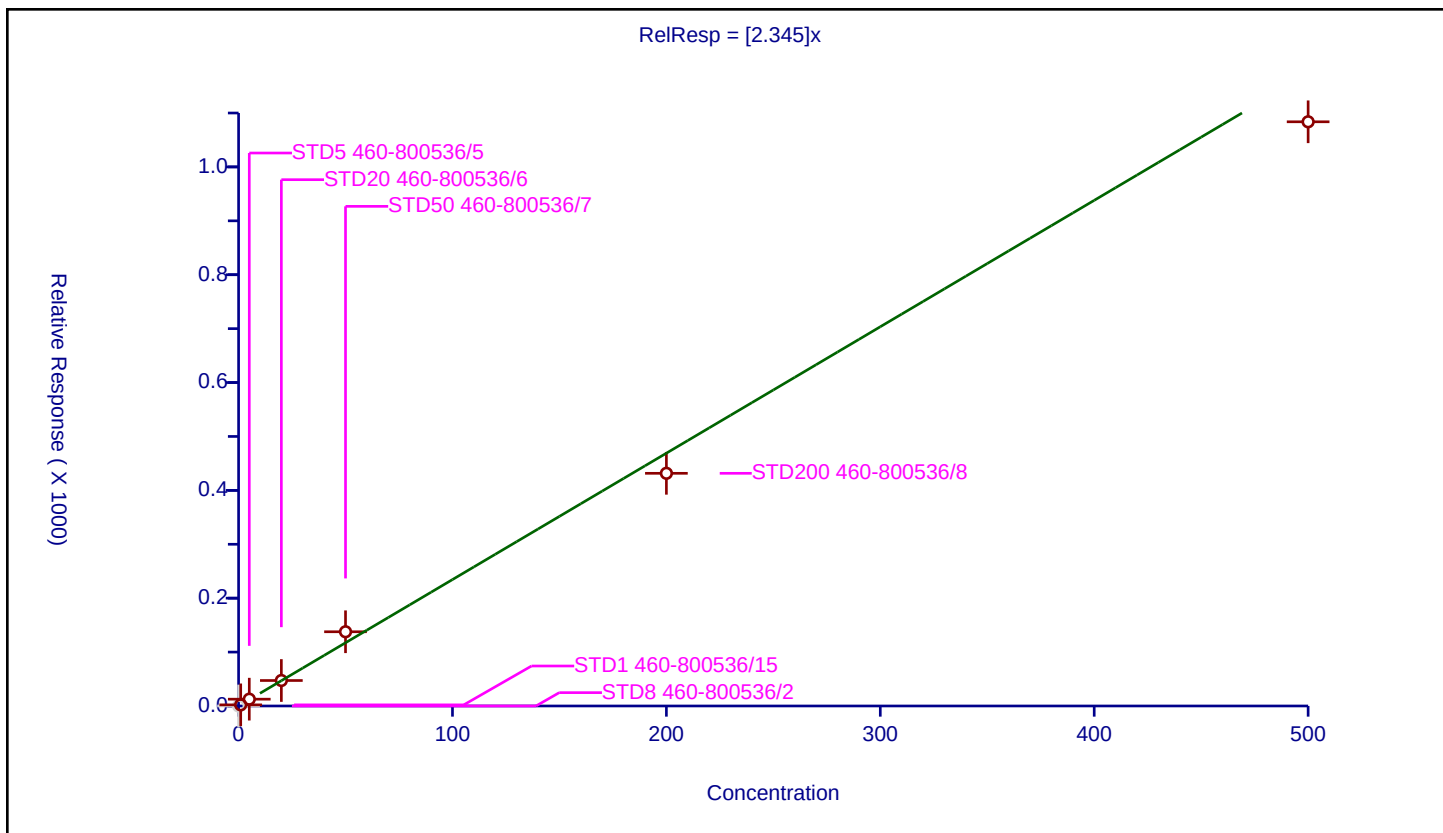
Curve Coefficients

Intercept: 0
 Slope: 2.345

Error Coefficients

Standard Error: 1600000
 Relative Standard Error: 10.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	2.100166	50.0	180819.0	2.100166	Y
3	STD5 460-800536/5	5.0	12.636266	50.0	164384.0	2.527253	Y
4	STD20 460-800536/6	20.0	47.257832	50.0	180660.0	2.362892	Y
5	STD50 460-800536/7	50.0	137.688347	50.0	150918.0	2.753767	Y
6	STD200 460-800536/8	200.0	431.652422	50.0	159239.0	2.158262	Y
7	STD500 460-800536/9	500.0	1083.711681	50.0	151492.0	2.167423	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

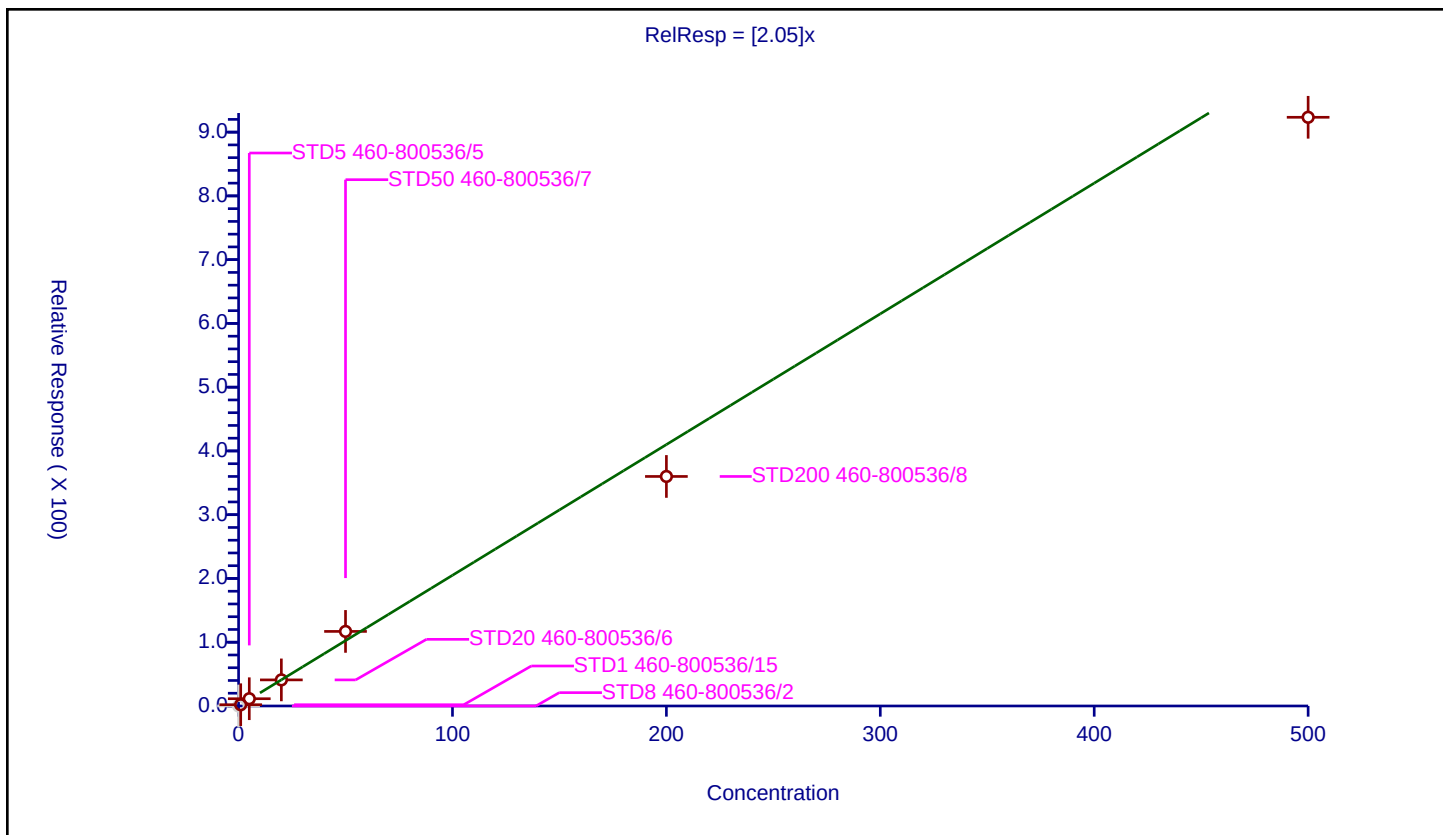
Curve Coefficients

Intercept: 0
 Slope: 2.05

Error Coefficients

Standard Error: 1360000
 Relative Standard Error: 10.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	1.987623	50.0	180819.0	1.987623	Y
3	STD5 460-800536/5	5.0	11.409261	50.0	164384.0	2.281852	Y
4	STD20 460-800536/6	20.0	40.906122	50.0	180660.0	2.045306	Y
5	STD50 460-800536/7	50.0	116.953246	50.0	150918.0	2.339065	Y
6	STD200 460-800536/8	200.0	359.972745	50.0	159239.0	1.799864	Y
7	STD500 460-800536/9	500.0	923.305851	50.0	151492.0	1.846612	Y



Calibration

/ 1,2,4,5-Tetramethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

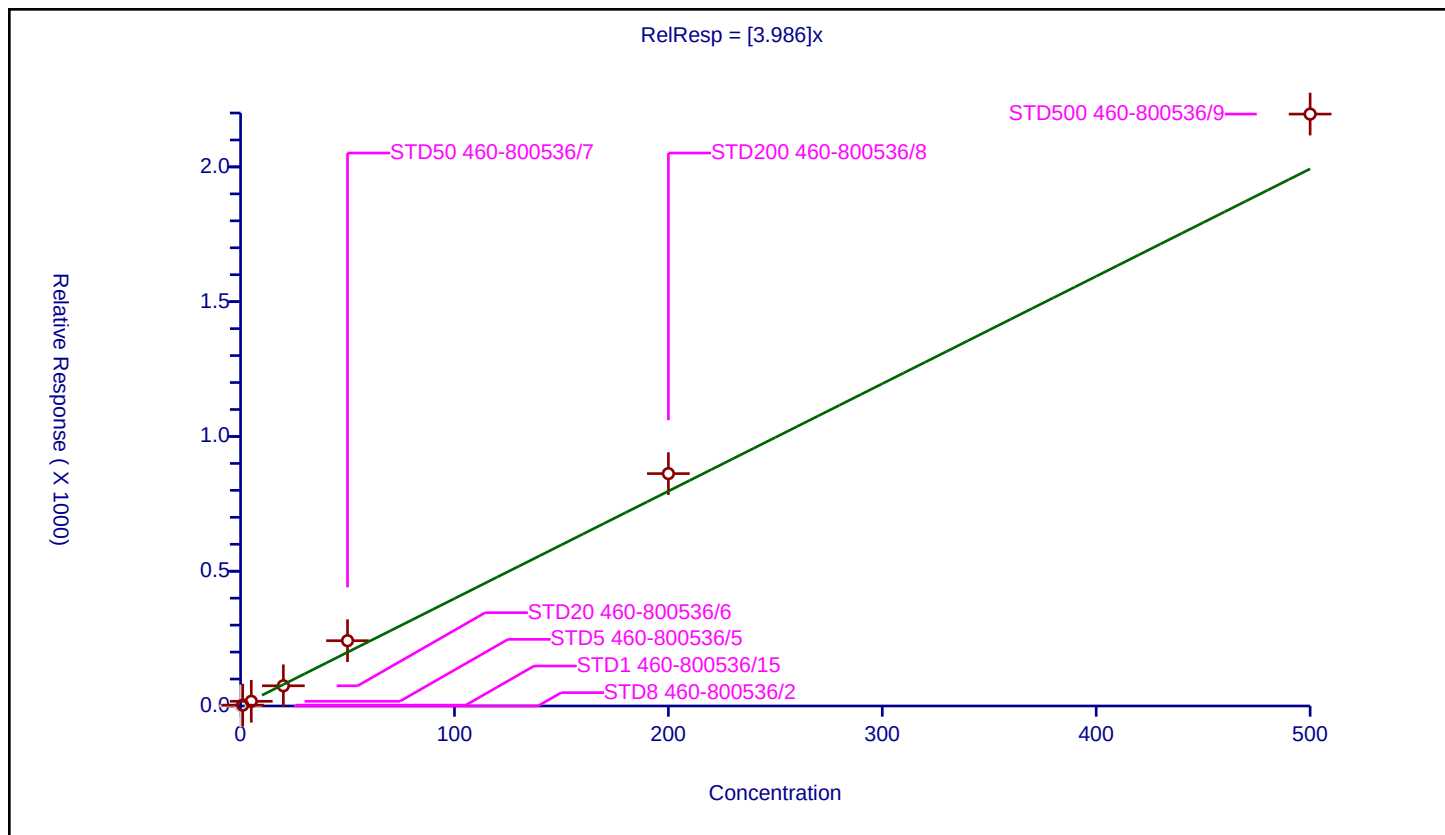
Curve Coefficients

Intercept: 0
 Slope: 3.986

Error Coefficients

Standard Error: 3240000
 Relative Standard Error: 16.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	3.132691	50.0	180819.0	3.132691	Y
3	STD5 460-800536/5	5.0	17.434787	50.0	164384.0	3.486957	Y
4	STD20 460-800536/6	20.0	74.907284	50.0	180660.0	3.745364	Y
5	STD50 460-800536/7	50.0	242.266661	50.0	150918.0	4.845333	Y
6	STD200 460-800536/8	200.0	862.180119	50.0	159239.0	4.310901	Y
7	STD500 460-800536/9	500.0	2196.089232	50.0	151492.0	4.392178	Y



Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

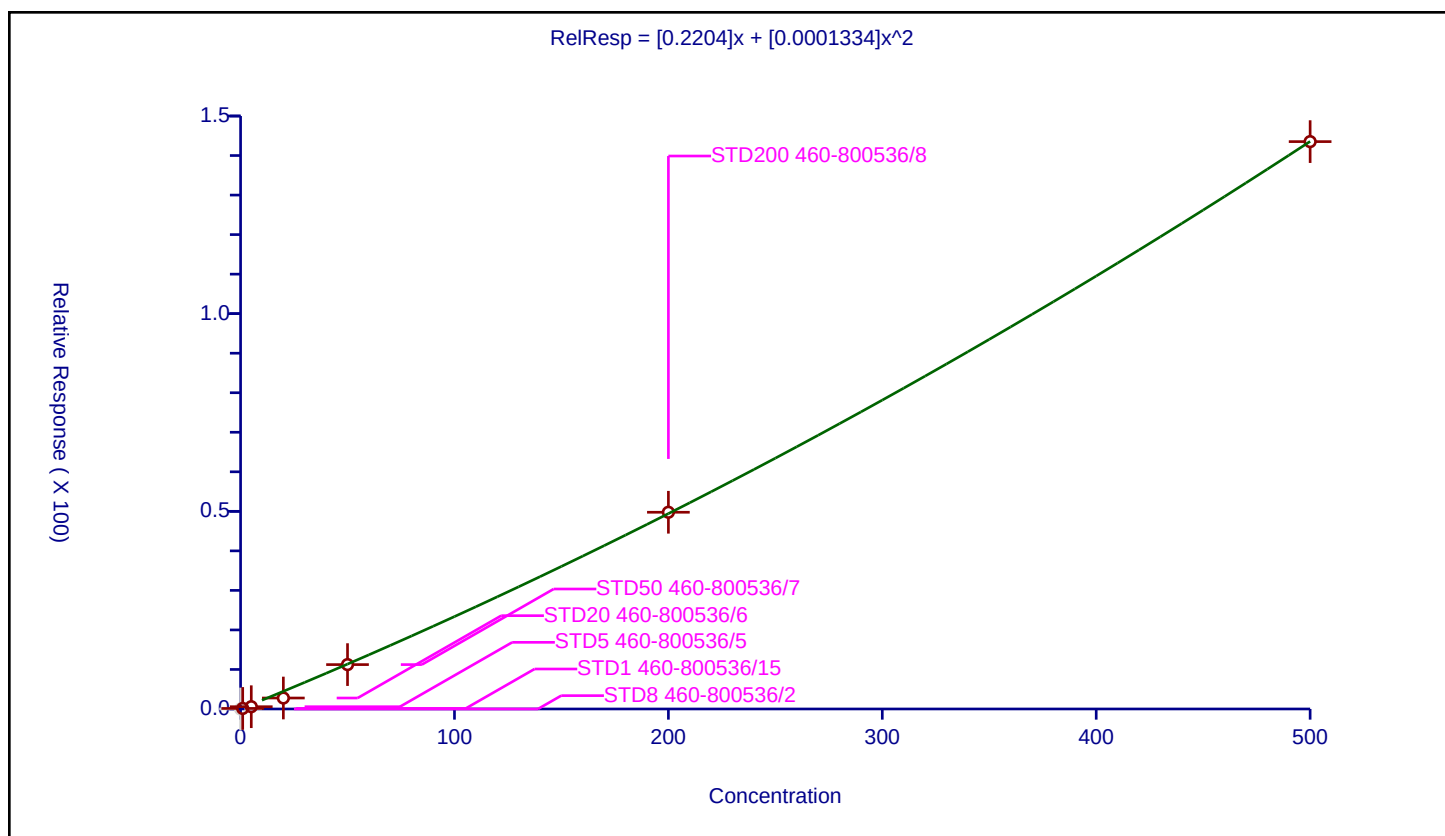
Curve Coefficients

Intercept: 0
 Slope: 0.2204
 Second Order: 0.0001334

Error Coefficients

Standard Error: 232000
 Relative Standard Error: 35.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	0.135495	50.0	180819.0	0.135495	Y
3	STD5 460-800536/5	5.0	0.57974	50.0	164384.0	0.115948	Y
4	STD20 460-800536/6	20.0	2.77704	50.0	180660.0	0.138852	Y
5	STD50 460-800536/7	50.0	11.229608	50.0	150918.0	0.224592	Y
6	STD200 460-800536/8	200.0	49.762935	50.0	159239.0	0.248815	Y
7	STD500 460-800536/9	500.0	143.52078	50.0	151492.0	0.287042	Y



Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

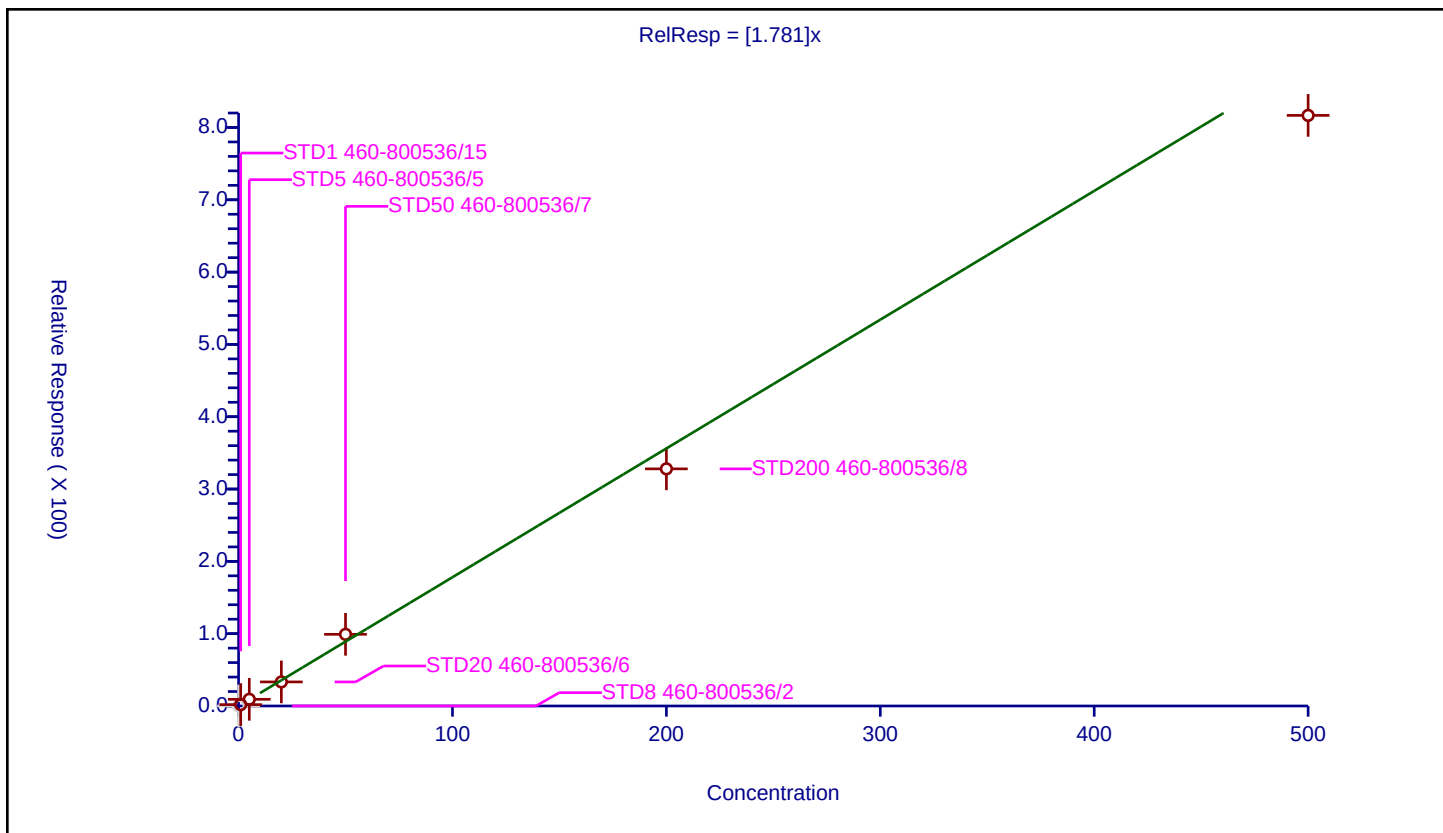
Curve Coefficients

Intercept: 0
Slope: 1.781

Error Coefficients

Standard Error: 1210000
Relative Standard Error: 8.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	1.916834	50.0	180819.0	1.916834	Y
3	STD5 460-800536/5	5.0	9.245425	50.0	164384.0	1.849085	Y
4	STD20 460-800536/6	20.0	33.264973	50.0	180660.0	1.663249	Y
5	STD50 460-800536/7	50.0	99.098848	50.0	150918.0	1.981977	Y
6	STD200 460-800536/8	200.0	327.917784	50.0	159239.0	1.639589	Y
7	STD500 460-800536/9	500.0	816.702532	50.0	151492.0	1.633405	Y



Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

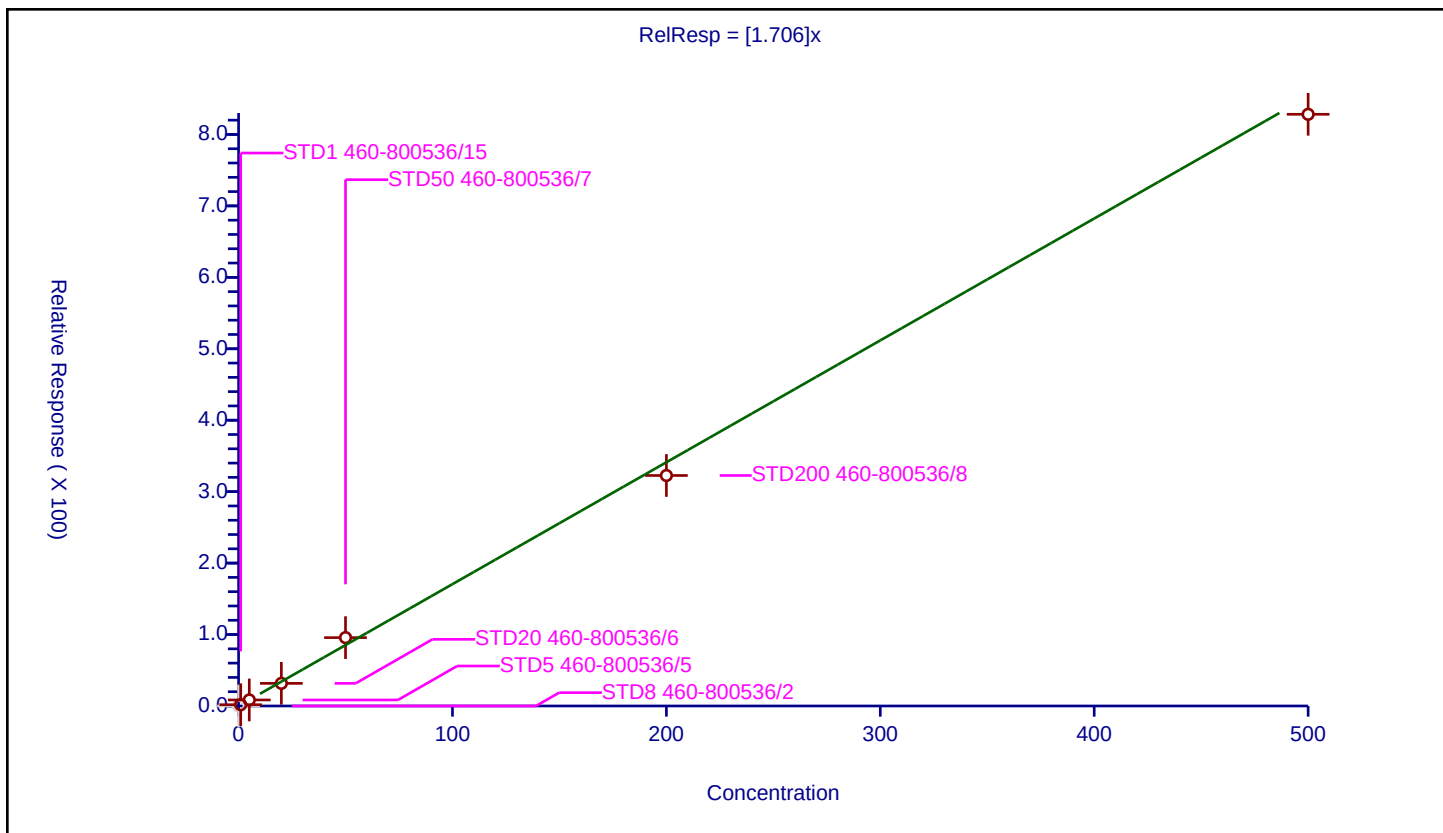
Curve Coefficients

Intercept: 0
 Slope: 1.706

Error Coefficients

Standard Error: 1220000
 Relative Standard Error: 7.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	1.777192	50.0	180819.0	1.777192	Y
3	STD5 460-800536/5	5.0	8.455507	50.0	164384.0	1.691101	Y
4	STD20 460-800536/6	20.0	31.657533	50.0	180660.0	1.582877	Y
5	STD50 460-800536/7	50.0	95.701639	50.0	150918.0	1.914033	Y
6	STD200 460-800536/8	200.0	322.610667	50.0	159239.0	1.613053	Y
7	STD500 460-800536/9	500.0	828.203469	50.0	151492.0	1.656407	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

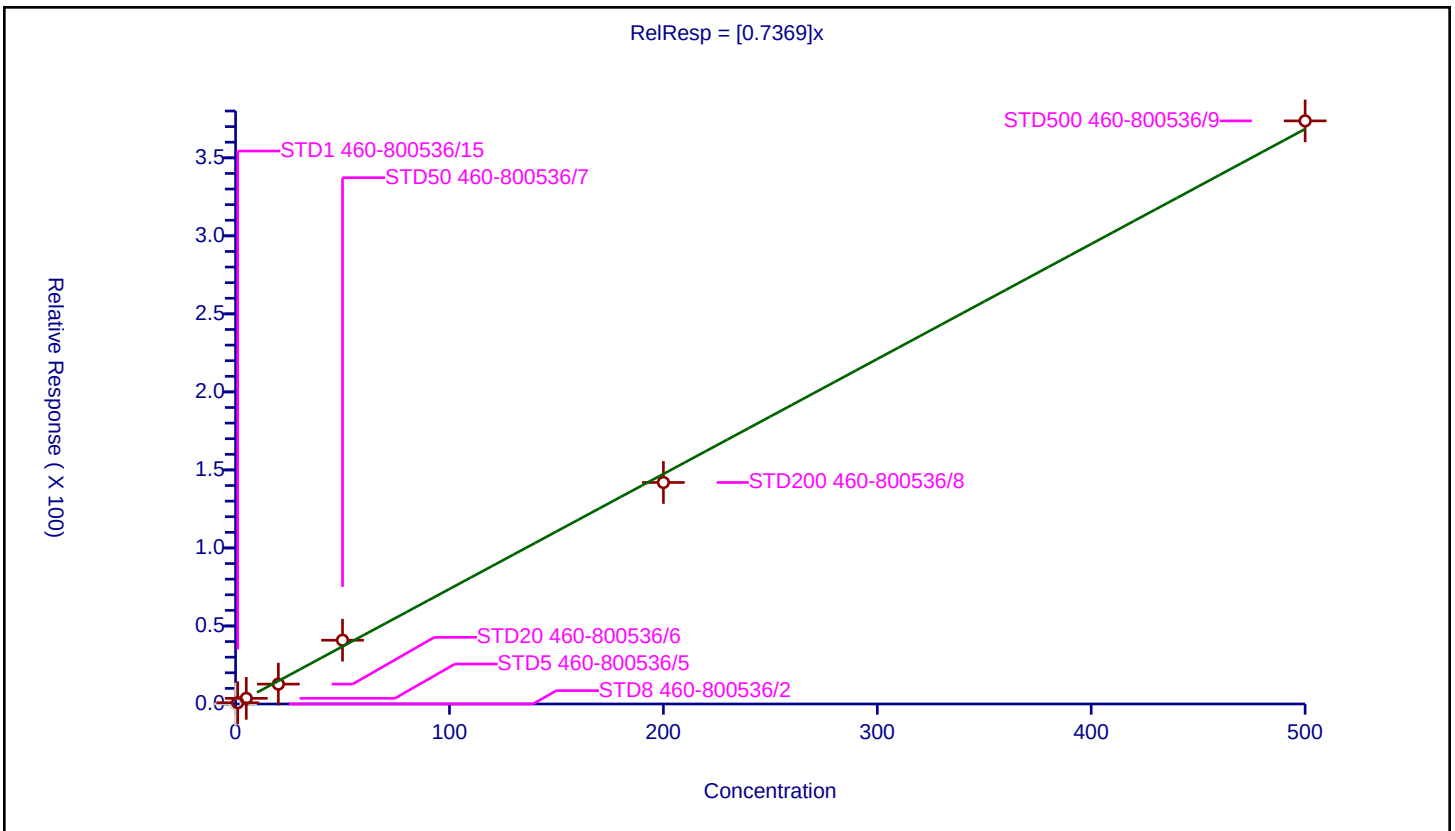
Curve Coefficients

Intercept: 0
 Slope: 0.7369

Error Coefficients

Standard Error: 548000
 Relative Standard Error: 8.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	0.786975	50.0	180819.0	0.786975	Y
3	STD5 460-800536/5	5.0	3.614707	50.0	164384.0	0.722941	Y
4	STD20 460-800536/6	20.0	12.744105	50.0	180660.0	0.637205	Y
5	STD50 460-800536/7	50.0	40.871864	50.0	150918.0	0.817437	Y
6	STD200 460-800536/8	200.0	141.957372	50.0	159239.0	0.709787	Y
7	STD500 460-800536/9	500.0	373.676498	50.0	151492.0	0.747353	Y



Calibration

/ Naphthalene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

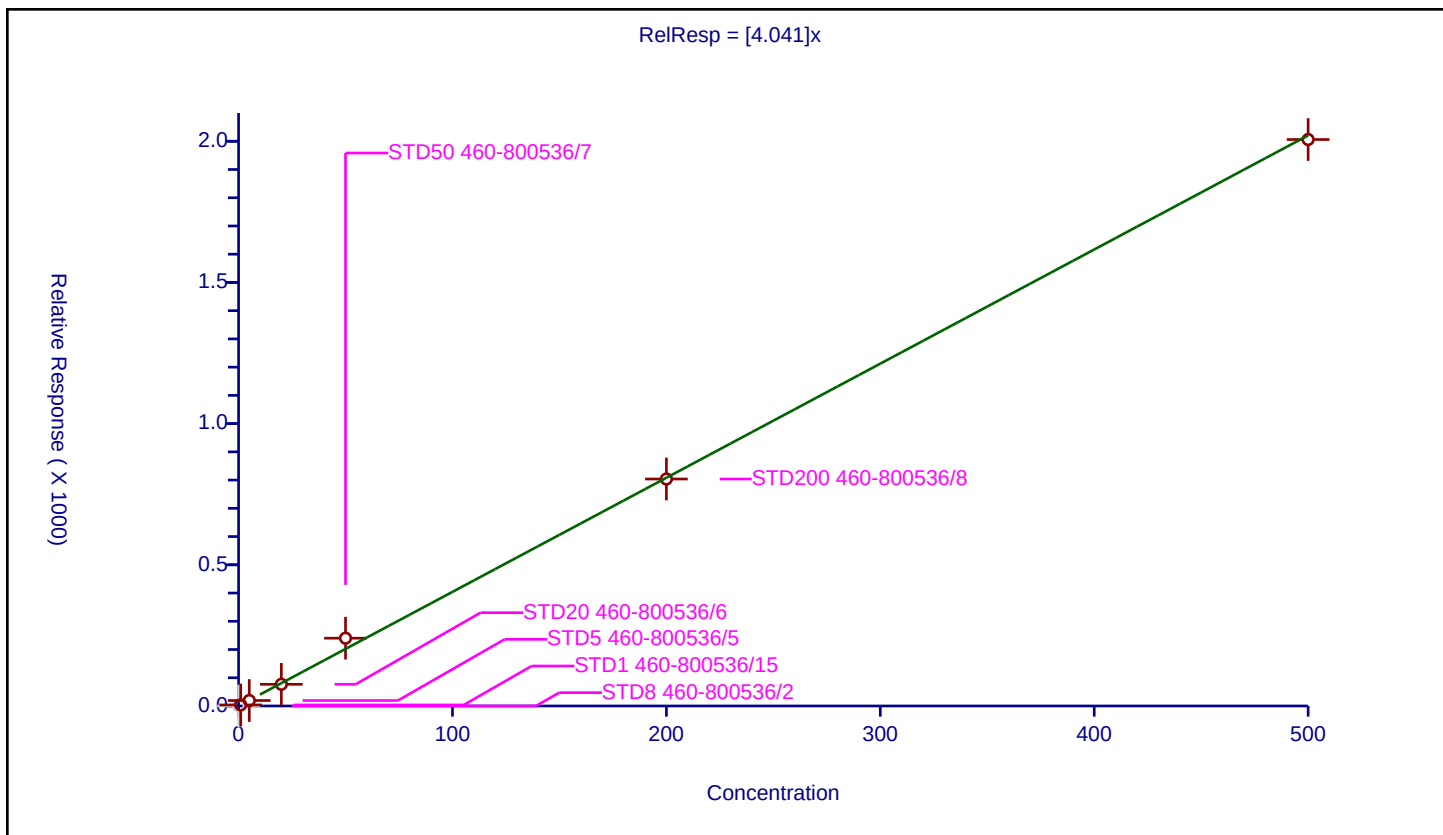
Curve Coefficients

Intercept: 0
 Slope: 4.041

Error Coefficients

Standard Error: 2970000
 Relative Standard Error: 9.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	3.689325	50.0	180819.0	3.689325	Y
3	STD5 460-800536/5	5.0	19.409127	50.0	164384.0	3.881825	Y
4	STD20 460-800536/6	20.0	76.847946	50.0	180660.0	3.842397	Y
5	STD50 460-800536/7	50.0	240.148624	50.0	150918.0	4.802972	Y
6	STD200 460-800536/8	200.0	803.854583	50.0	159239.0	4.019273	Y
7	STD500 460-800536/9	500.0	2006.130357	50.0	151492.0	4.012261	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

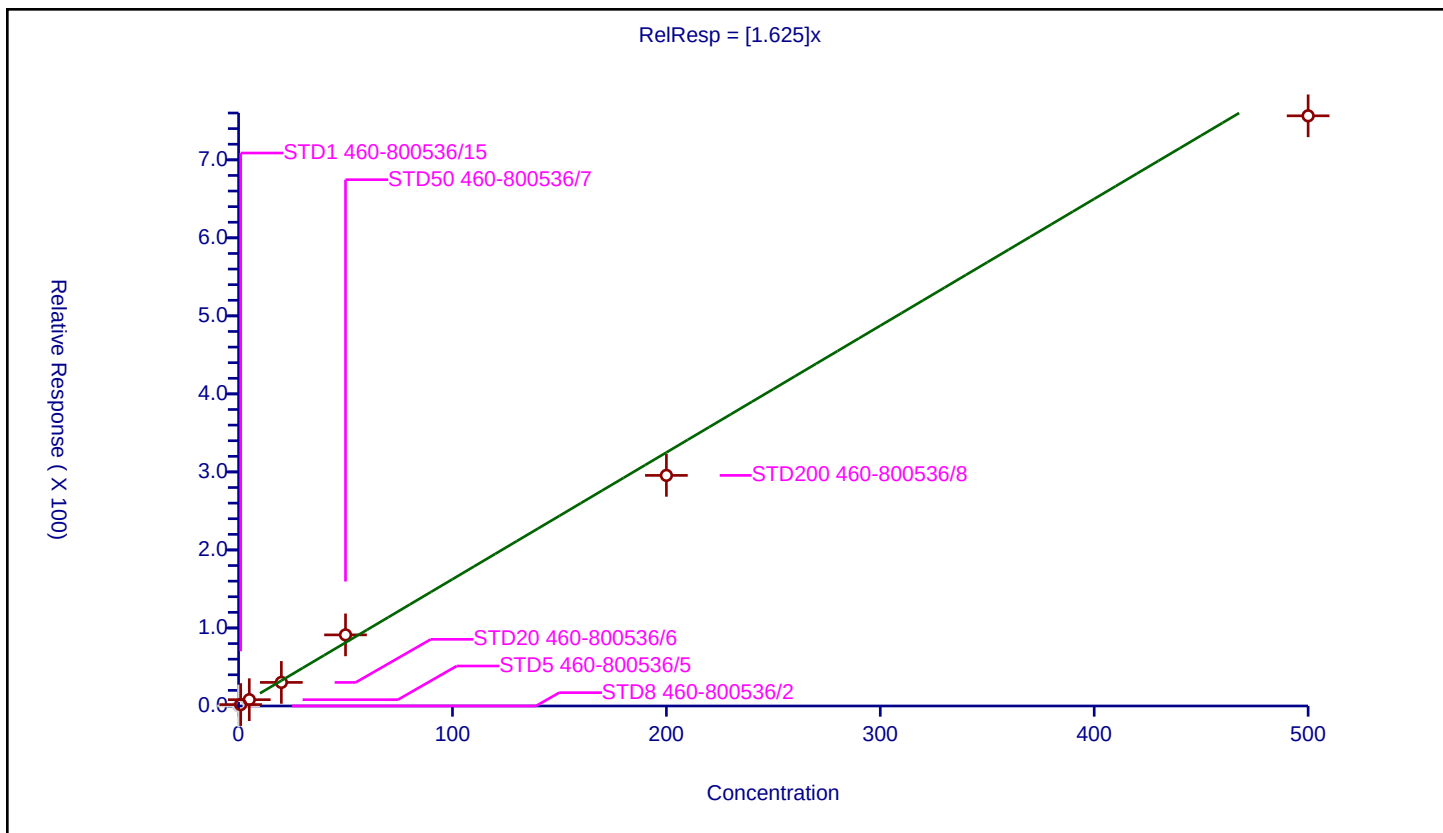
Curve Coefficients

Intercept: 0
 Slope: 1.625

Error Coefficients

Standard Error: 1120000
 Relative Standard Error: 9.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-800536/2	0.0	0.0	50.0	235226.0	NaN	N
2	STD1 460-800536/15	1.0	1.807332	50.0	180819.0	1.807332	Y
3	STD5 460-800536/5	5.0	8.083208	50.0	164384.0	1.616642	Y
4	STD20 460-800536/6	20.0	30.223901	50.0	180660.0	1.511195	Y
5	STD50 460-800536/7	50.0	91.138565	50.0	150918.0	1.822771	Y
6	STD200 460-800536/8	200.0	295.570181	50.0	159239.0	1.477851	Y
7	STD500 460-800536/9	500.0	756.424762	50.0	151492.0	1.51285	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Lab Sample ID: ICV 460-800536/17 Calibration Date: 09/10/2021 13:11

Instrument ID: CVOAMS17 Calib Start Date: 09/10/2021 06:59

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/10/2021 12:08

Lab File ID: TT44018.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
Monochloropentafluoroethane	Ave	0.0409	0.0514		25.2	20.0	25.8	30.0
Chlorotrifluoroethene	Ave	0.1662	0.1717		20.7	20.0	3.3	30.0
1,1-Difluoroethane	Ave	0.3145	0.3187		20.3	20.0	1.3	30.0
Dichlorodifluoromethane	Ave	0.5698	0.5097	0.1000	17.9	20.0	-10.5	30.0
Chlorodifluoromethane	Ave	0.1097	0.1008		18.4	20.0	-8.1	30.0
Chloromethane	Ave	0.6584	0.6587	0.1000	20.0	20.0	0.0	30.0
Butadiene	Ave	0.4788	0.4758		19.9	20.0	-0.6	30.0
Vinyl chloride	Ave	0.5603	0.5415	0.1000	19.3	20.0	-3.4	30.0
Bromomethane	Ave	2.428	2.226	0.1000	18.3	20.0	-8.3	30.0
Chloroethane	QuaF		2.124	0.1000	22.3	20.0	11.7	30.0
Dichlorofluoromethane	Ave	0.9691	0.9782		20.2	20.0	0.9	30.0
Pentane	Ave	0.0704	0.0869		49.4	40.0	23.5	30.0
Trichlorofluoromethane	Ave	0.6293	0.6152	0.1000	19.6	20.0	-2.2	30.0
Ethyl ether	Ave	0.2710	0.2867		21.2	20.0	5.8	30.0
Ethanol	QuaF		0.5568		781	800	-2.4	30.0
2-Methyl-1,3-butadiene	Ave	0.4189	0.4907		23.4	20.0	17.2	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.3858	0.3857		20.0	20.0	0.0	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.6605	0.6593		20.0	20.0	-0.2	30.0
Acrolein	Ave	0.0761	0.0536		28.2	40.1	-29.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3760	0.3992	0.1000	21.2	20.0	6.2	30.0
1,1-Dichloroethene	Ave	0.3932	0.4270	0.1000	21.7	20.0	8.6	30.0
Acetone	Ave	1.237	1.058	0.0500	85.6	100	-14.4	30.0
Iodomethane	Ave	0.7000	0.7494		21.4	20.0	7.1	30.0
Carbon disulfide	Ave	1.668	1.725	0.1000	20.7	20.0	3.4	30.0
Isopropyl alcohol	Ave	5.892	5.350		182	200	-9.2	30.0
3-Chloro-1-propene	Ave	0.3162	0.3634		23.0	20.0	14.9	30.0
Cyclopentene	Ave	1.059	1.210		22.9	20.0	14.3	30.0
Methyl acetate	Ave	0.3201	0.3957	0.1000	49.4	40.0	23.6	30.0
Acetonitrile	Ave	0.4796	0.4240		177	200	-11.6	30.0
Methylene Chloride	Ave	0.5157	0.5341	0.1000	20.7	20.0	3.6	30.0
2-Methyl-2-propanol	Ave	11.77	11.34		193	200	-3.7	30.0
Methyl tert-butyl ether	Ave	1.229	1.377	0.1000	22.4	20.0	12.1	30.0
trans-1,2-Dichloroethene	Ave	0.4404	0.4813	0.1000	21.9	20.0	9.3	30.0
Acrylonitrile	Ave	0.1769	0.1866		211	200	5.5	30.0
Hexane	Ave	0.5873	0.6269		21.3	20.0	6.7	30.0
Isopropyl ether	Ave	1.670	1.788		21.4	20.0	7.0	30.0
1,1-Dichloroethane	Ave	0.9072	0.9634	0.2000	21.2	20.0	6.2	30.0
Vinyl acetate	Ave	0.3844	0.3797		39.5	40.0	-1.2	30.0
2-Chloro-1,3-butadiene	Ave	0.3824	0.4188		21.9	20.0	9.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Lab Sample ID: ICV 460-800536/17 Calibration Date: 09/10/2021 13:11

Instrument ID: CVOAMS17 Calib Start Date: 09/10/2021 06:59

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/10/2021 12:08

Lab File ID: TT44018.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
Tert-butyl ethyl ether	Ave	1.287	1.504		23.4	20.0	16.8	30.0
2,2-Dichloropropane	Ave	0.1044	0.1290		24.7	20.0	23.5	30.0
2-Butanone (MEK)	Ave	0.3408	0.3323	0.0500	97.5	100	-2.5	30.0
cis-1,2-Dichloroethene	Ave	0.4814	0.5165	0.1000	21.5	20.0	7.3	30.0
Ethyl acetate	Ave	0.2744	0.2962		43.2	40.0	7.9	30.0
Methyl acrylate	Ave	0.3417	0.3901		22.8	20.0	14.2	30.0
Propionitrile	QuaF		12.99		185	200	-7.6	30.0
Chlorobromomethane	Ave	0.2332	0.2375		20.4	20.0	1.9	30.0
Tetrahydrofuran	Ave	0.4524	0.3990		35.3	40.0	-11.8	30.0
Methacrylonitrile	Ave	0.1578	0.1739		220	200	10.2	30.0
Chloroform	Ave	0.7549	0.8020	0.2000	21.2	20.0	6.2	30.0
Cyclohexane	Ave	0.5714	0.5948	0.1000	20.8	20.0	4.1	30.0
1,1,1-Trichloroethane	Ave	0.5390	0.5957	0.1000	22.1	20.0	10.5	30.0
Carbon tetrachloride	Ave	0.3811	0.4300	0.1000	22.6	20.0	12.8	30.0
1,1-Dichloropropene	Ave	0.5810	0.5818		20.0	20.0	0.1	30.0
Isooctane	Ave	1.471	1.591		21.6	20.0	8.1	30.0
Isobutyl alcohol	Ave	3.882	3.160		407	500	-18.6	30.0
Benzene	Ave	2.333	2.400	0.5000	20.6	20.0	2.9	30.0
Tert-amyl methyl ether	Ave	1.272	1.444		22.7	20.0	13.5	30.0
1,2-Dichloroethane	Ave	0.5745	0.5831	0.1000	20.3	20.0	1.5	30.0
Isopropyl acetate	Ave	0.2000	0.2279		22.8	20.0	14.0	30.0
n-Heptane	Ave	0.0906	0.0875		19.3	20.0	-3.4	30.0
Trichloroethene	Ave	0.4097	0.4069	0.2000	19.9	20.0	-0.7	30.0
Methylcyclohexane	Ave	0.6529	0.6674	0.1000	20.4	20.0	2.2	30.0
Ethyl acrylate	Qua2		0.0482		20.7	20.0	3.7	30.0
1,2-Dichloropropane	Ave	0.4517	0.4748	0.1000	21.0	20.0	5.1	30.0
Methyl methacrylate	QuaF		0.0819		40.1	40.0	0.2	30.0
Dibromomethane	Ave	0.2499	0.2547		20.4	20.0	1.9	30.0
1,4-Dioxane	Ave	1.496	1.920		513	400	28.3	30.0
n-Propyl acetate	QuaF		0.5435		19.2	20.0	-4.2	30.0
Dichlorobromomethane	Ave	0.4780	0.5149	0.2000	21.5	20.0	7.7	30.0
2-Nitropropane	Ave	0.0641	0.0826		51.6	40.0	29.0	30.0
2-Chloroethyl vinyl ether	Ave	0.2239	0.2299		20.5	20.0	2.7	30.0
Epichlorohydrin	QuaF		0.2409		17.7	20.0	-11.7	30.0
cis-1,3-Dichloropropene	Ave	0.8000	0.8553	0.2000	21.4	20.0	6.9	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.270	1.241	0.0500	97.7	100	-2.3	30.0
Toluene	Ave	2.202	2.213	0.4000	20.1	20.0	0.5	30.0
trans-1,3-Dichloropropene	Ave	0.5856	0.6514	0.1000	22.2	20.0	11.2	30.0
Ethyl methacrylate	QuaF		0.5956		19.3	20.0	-3.4	30.0
1,1,2-Trichloroethane	Ave	0.4166	0.4293	0.1000	20.6	20.0	3.1	30.0
Tetrachloroethene	Ave	0.5060	0.5096	0.2000	20.1	20.0	0.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Lab Sample ID: ICV 460-800536/17 Calibration Date: 09/10/2021 13:11

Instrument ID: CVOAMS17 Calib Start Date: 09/10/2021 06:59

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/10/2021 12:08

Lab File ID: TT44018.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.8251	0.8444		20.5	20.0	2.3	30.0
2-Hexanone	QuaF		1.782	0.0500	83.8	100	-16.2	30.0
Chlorodibromomethane	Ave	0.3924	0.4328	0.1000	22.1	20.0	10.3	30.0
n-Butyl acetate	Ave	0.8195	0.8982		21.9	20.0	9.6	30.0
Ethylene Dibromide	Ave	0.3979	0.4455	0.1000	22.4	20.0	11.9	30.0
Chlorobenzene	Ave	1.394	1.400	0.5000	20.1	20.0	0.4	30.0
Ethylbenzene	Ave	0.7476	0.7623	0.1000	20.4	20.0	2.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4047	0.4501		22.2	20.0	11.2	30.0
m-Xylene & p-Xylene	Ave	0.8938	0.9295	0.1000	20.8	20.0	4.0	30.0
o-Xylene	Ave	0.9279	0.9682	0.3000	20.9	20.0	4.3	30.0
n-Butyl acrylate	QuaF		0.3496		19.7	20.0	-1.3	30.0
Styrene	Ave	1.400	1.490	0.3000	21.3	20.0	6.4	30.0
Bromoform	Ave	0.2384	0.2590	0.1000	21.7	20.0	8.6	30.0
Amyl acetate (mixed isomers)	QuaF		1.634		16.7	20.0	-16.7	30.0
Isopropylbenzene	Ave	2.459	2.637	0.1000	21.5	20.0	7.3	30.0
Bromobenzene	Ave	1.111	1.059		19.1	20.0	-4.7	30.0
1,1,2,2-Tetrachloroethane	Ave	1.334	1.311	0.3000	19.7	20.0	-1.7	30.0
N-Propylbenzene	Ave	5.643	5.646		20.0	20.0	0.0	30.0
1,2,3-Trichloropropane	Ave	0.3397	0.3453		20.3	20.0	1.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3096	0.3087		19.9	20.0	-0.3	30.0
2-Chlorotoluene	Ave	3.671	3.649		19.9	20.0	-0.6	30.0
4-Ethyltoluene	Ave	4.388	4.680		21.3	20.0	6.7	30.0
1,3,5-Trimethylbenzene	Ave	3.839	3.948		20.6	20.0	2.8	30.0
4-Chlorotoluene	Ave	3.738	3.792		20.3	20.0	1.4	30.0
Butyl Methacrylate	QuaF		1.083		19.0	20.0	-5.0	30.0
tert-Butylbenzene	Ave	3.053	2.982		19.5	20.0	-2.3	30.0
1,2,4-Trimethylbenzene	Ave	3.953	4.183		21.2	20.0	5.8	30.0
sec-Butylbenzene	Ave	5.012	5.135		20.5	20.0	2.4	30.0
1,3-Dichlorobenzene	Ave	2.126	2.077	0.6000	19.5	20.0	-2.3	30.0
4-Isopropyltoluene	Ave	4.081	4.241		20.8	20.0	3.9	30.0
1,4-Dichlorobenzene	Ave	2.143	2.118	0.5000	19.8	20.0	-1.2	30.0
1,2,3-Trimethylbenzene	Ave	4.171	4.400		21.1	20.0	5.5	30.0
Benzyl chloride	QuaF		1.421		19.6	20.0	-2.2	30.0
Indan	Ave	3.807	4.110		21.6	20.0	8.0	30.0
p-Diethylbenzene	Ave	2.171	2.698		24.8	20.0	24.2	30.0
n-Butylbenzene	Ave	2.345	2.490		21.2	20.0	6.2	30.0
1,2-Dichlorobenzene	Ave	2.050	2.092	0.4000	20.4	20.0	2.1	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.986	4.106		20.6	20.0	3.0	30.0
1,2-Dibromo-3-Chloropropane	QuaF		0.2113	0.0500	19.0	20.0	-5.2	30.0
1,3,5-Trichlorobenzene	Ave	1.781	1.777		20.0	20.0	-0.2	30.0
1,2,4-Trichlorobenzene	Ave	1.706	1.651	0.2000	19.4	20.0	-3.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Lab Sample ID: ICV 460-800536/17 Calibration Date: 09/10/2021 13:11
 Instrument ID: CVOAMS17 Calib Start Date: 09/10/2021 06:59
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/10/2021 12:08
 Lab File ID: TT44018.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.7369	0.7009		19.0	20.0	-4.9	30.0
Naphthalene	Ave	4.041	4.038		20.0	20.0	-0.0	30.0
1,2,3-Trichlorobenzene	Ave	1.625	1.608		19.8	20.0	-1.0	30.0
n-Butanol	Ave	0.8604			8.70	500		
Dibromofluoromethane (Surr)	Ave	0.2787	0.2892		51.9	50.0	3.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3475	0.3526		50.7	50.0	1.4	30.0
Toluene-d8 (Surr)	Ave	1.334	1.358		50.9	50.0	1.8	30.0
4-Bromofluorobenzene	Ave	0.3816	0.3817		50.0	50.0	0.0	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44018.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 10-Sep-2021 13:11:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0134348-017
 Operator ID: Instrument ID: CVOAMS17
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 10-Sep-2021 19:46:29 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: desais

Date: 10-Sep-2021 13:33:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.153	1.147	0.006	71	9931	20.0	25.2	
3 Chlorotrifluoroethene	116	1.214	1.208	0.006	95	33183	20.0	20.7	
2 1,1-Difluoroethane	65	1.226	1.220	0.006	93	61569	20.0	20.3	
4 Dichlorodifluoromethane	85	1.238	1.232	0.006	61	98489	20.0	17.9	
5 Chlorodifluoromethane	67	1.251	1.244	0.007	98	19476	20.0	18.4	
6 Chloromethane	50	1.379	1.372	0.007	98	127265	20.0	20.0	
8 Butadiene	54	1.427	1.427	0.000	96	91923	20.0	19.9	
7 Vinyl chloride	62	1.434	1.433	0.001	98	104618	20.0	19.3	
9 Bromomethane	94	1.653	1.647	0.006	99	60072	20.0	18.3	
10 Chloroethane	64	1.684	1.683	0.001	100	57327	20.0	22.3	
12 Trichlorofluoromethane	101	1.830	1.830	0.000	43	118857	20.0	19.6	
11 Dichlorofluoromethane	67	1.830	1.830	0.000	78	189011	20.0	20.2	
13 Pentane	72	1.830	1.830	0.000	96	33579	40.0	49.4	
15 Ethyl ether	74	1.982	1.982	0.000	93	55394	20.0	21.2	
14 Ethanol	46	1.988	1.988	0.000	74	19174	800.0	780.9	M
16 2-Methyl-1,3-butadiene	53	1.994	1.994	0.000	97	94815	20.0	23.4	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.043	2.037	0.006	93	74532	20.0	20.0	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.086	2.080	0.006	90	127388	20.0	20.0	a
19 Acrolein	56	2.122	2.116	0.006	94	20731	40.1	28.2	
20 112TCTFE	101	2.147	2.141	0.006	89	77122	20.0	21.2	a
21 1,1-Dichloroethene	96	2.153	2.147	0.006	95	82512	20.0	21.7	
22 Acetone	43	2.226	2.220	0.006	86	142787	100.0	85.6	
23 Iodomethane	142	2.275	2.269	0.006	99	144800	20.0	21.4	
24 Carbon disulfide	76	2.299	2.293	0.006	100	333371	20.0	20.7	
25 Isopropyl alcohol	45	2.324	2.323	0.001	92	46060	200.0	181.6	a
26 3-Chloro-1-propene	76	2.397	2.390	0.007	90	70216	20.0	23.0	
27 Methyl acetate	43	2.415	2.409	0.006	76	152906	40.0	49.4	
28 Cyclopentene	67	2.415	2.409	0.006	91	233718	20.0	22.9	
29 Acetonitrile	41	2.470	2.470	0.000	95	114418	200.0	176.8	a
30 Methylene Chloride	84	2.507	2.506	0.001	99	103188	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.531	2.531	0.000	98	43044	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.580	2.586	-0.006	95	97585	200.0	192.6	a
33 Methyl tert-butyl ether	73	2.635	2.640	-0.005	98	266143	20.0	22.4	
34 trans-1,2-Dichloroethene	96	2.653	2.653	0.000	98	92999	20.0	21.9	
35 Acrylonitrile	53	2.720	2.720	0.000	94	360618	200.0	211.0	
36 Hexane	57	2.781	2.781	0.000	95	121127	20.0	21.3	
37 Isopropyl ether	45	2.970	2.970	0.000	97	345394	20.0	21.4	
38 1,1-Dichloroethane	63	2.988	2.982	0.006	99	186138	20.0	21.2	
39 Vinyl acetate	86	3.006	3.000	0.006	100	20490	40.0	39.5	
40 2-Chloro-1,3-butadiene	88	3.025	3.018	0.007	93	80909	20.0	21.9	
41 Tert-butyl ethyl ether	59	3.238	3.238	0.000	88	290591	20.0	23.4	
* 42 2-Butanone-d5	46	3.415	3.390	0.025	90	337313	250.0	250.0	
43 2,2-Dichloropropane	97	3.421	3.421	0.000	70	24917	20.0	24.7	
44 cis-1,2-Dichloroethene	96	3.433	3.433	0.000	91	99802	20.0	21.5	
45 2-Butanone (MEK)	72	3.433	3.439	-0.006	97	44835	100.0	97.5	M
46 Ethyl acetate	70	3.445	3.445	0.000	94	15984	40.0	43.2	
47 Methyl acrylate	55	3.482	3.488	-0.006	98	75370	20.0	22.8	
48 Propionitrile	54	3.586	3.585	0.001	98	111849	200.0	184.7	
49 Chlorobromomethane	128	3.628	3.628	0.000	97	45897	20.0	20.4	
51 Methacrylonitrile	67	3.659	3.634	0.025	95	336050	200.0	220.5	
50 Tetrahydrofuran	72	3.647	3.634	0.013	31	21534	40.0	35.3	a
52 Chloroform	83	3.683	3.677	0.006	98	154957	20.0	21.2	
53 Cyclohexane	84	3.793	3.787	0.006	97	114917	20.0	20.8	
54 1,1,1-Trichloroethane	97	3.805	3.805	0.000	98	115101	20.0	22.1	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.817	0.000	95	139711	50.0	51.9	
56 Carbon tetrachloride	117	3.909	3.908	0.001	96	83089	20.0	22.6	
57 1,1-Dichloropropene	75	3.933	3.933	0.000	95	112410	20.0	20.0	
58 Isobutyl alcohol	43	4.092	4.085	0.007	42	68012	500.0	407.0	
59 Isooctane	57	4.085	4.091	-0.006	99	307334	20.0	21.6	
60 Benzene	78	4.110	4.104	0.006	98	331475	20.0	20.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.128	4.122	0.006	96	170304	50.0	50.7	
62 Tert-amyl methyl ether	73	4.183	4.177	0.006	92	278925	20.0	22.7	
64 1,2-Dichloroethane	62	4.195	4.183	0.012	95	112670	20.0	20.3	
63 Isopropyl acetate	61	4.195	4.189	0.006	94	44042	20.0	22.8	
65 n-Heptane	100	4.268	4.262	0.006	98	16913	20.0	19.3	
* 66 Fluorobenzene	96	4.372	4.366	0.006	97	483037	50.0	50.0	
68 Trichloroethene	95	4.689	4.689	0.000	96	78612	20.0	19.9	
69 Methylcyclohexane	83	4.805	4.799	0.006	96	128951	20.0	20.4	
70 Ethyl acrylate	99	4.811	4.823	-0.012	98	9321	20.0	20.7	
71 1,2-Dichloropropane	63	4.957	4.951	0.006	92	91729	20.0	21.0	
73 Methyl methacrylate	100	5.049	5.049	0.001	94	31662	40.0	40.1	
* 72 1,4-Dioxane-d8	96	5.055	5.061	-0.006	55	18628	1000.0	1000.0	
74 Dibromomethane	93	5.067	5.067	0.000	98	49205	20.0	20.4	
75 1,4-Dioxane	88	5.110	5.097	0.013	73	14306	400.0	513.3	
76 n-Propyl acetate	43	5.116	5.116	0.000	99	105011	20.0	19.2	
77 Dichlorobromomethane	83	5.219	5.219	0.000	98	99487	20.0	21.5	
78 2-Nitropropane	41	5.543	5.542	0.001	80	31935	40.0	51.6	
79 2-Chloroethyl vinyl ether	63	5.555	5.555	0.001	92	44413	20.0	20.5	
80 Epichlorohydrin	57	5.683	5.652	0.031	40	6500	20.0	17.7	
81 cis-1,3-Dichloropropene	75	5.689	5.689	0.000	96	118130	20.0	21.4	
82 4-Methyl-2-pentanone (MIBK)	58	5.872	5.872	0.000	97	167386	100.0	97.7	a
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	469079	50.0	50.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	5.988	5.987	0.001	93	305631	20.0	20.1	
85 trans-1,3-Dichloropropene	75	6.335	6.335	0.000	98	89965	20.0	22.2	
86 Ethyl methacrylate	69	6.396	6.396	0.000	93	82270	20.0	19.3	
87 1,1,2-Trichloroethane	83	6.536	6.536	0.000	94	59296	20.0	20.6	
88 Tetrachloroethene	166	6.561	6.560	0.001	94	70389	20.0	20.1	
89 1,3-Dichloropropane	76	6.731	6.731	0.000	97	116626	20.0	20.5	
90 2-Hexanone	43	6.829	6.829	0.000	99	240434	100.0	83.8	
92 Chlorodibromomethane	129	6.945	6.944	0.001	98	59782	20.0	22.1	
91 n-Butyl acetate	43	6.957	6.957	0.000	99	124058	20.0	21.9	
93 Ethylene Dibromide	107	7.079	7.079	0.000	97	61526	20.0	22.4	
* 94 Chlorobenzene-d5	117	7.615	7.615	0.000	89	345300	50.0	50.0	
95 Chlorobenzene	112	7.646	7.646	0.000	91	193312	20.0	20.1	
96 Ethylbenzene	106	7.762	7.767	-0.005	99	105282	20.0	20.4	
97 1,1,1,2-Tetrachloroethane	131	7.774	7.780	-0.006	90	62165	20.0	22.2	
98 m-Xylene & p-Xylene	106	7.920	7.920	0.000	99	128381	20.0	20.8	
99 o-Xylene	106	8.426	8.426	0.000	93	133728	20.0	20.9	
100 n-Butyl acrylate	73	8.469	8.469	0.000	96	48289	20.0	19.7	
101 Styrene	104	8.469	8.469	0.000	95	205755	20.0	21.3	
102 Bromoform	173	8.713	8.712	0.001	94	35769	20.0	21.7	
103 Amyl acetate (mixed isomers)	43	8.780	8.779	0.001	89	123044	20.0	16.7	
104 Isopropylbenzene	105	8.902	8.901	0.001	97	364248	20.0	21.5	
\$ 105 4-Bromofluorobenzene	174	9.152	9.151	0.001	0	131795	50.0	50.0	
106 Bromobenzene	156	9.304	9.304	0.000	94	79737	20.0	19.1	
107 1,1,2,2-Tetrachloroethane	83	9.408	9.407	0.001	98	98751	20.0	19.7	
108 N-Propylbenzene	91	9.426	9.426	0.000	98	425161	20.0	20.0	
109 1,2,3-Trichloropropane	110	9.450	9.450	0.000	97	26004	20.0	20.3	
110 trans-1,4-Dichloro-2-butene	53	9.493	9.493	0.000	78	23250	20.0	19.9	
111 2-Chlorotoluene	91	9.536	9.535	0.001	97	274781	20.0	19.9	
112 4-Ethyltoluene	105	9.572	9.572	0.000	98	352474	20.0	21.3	
113 1,3,5-Trimethylbenzene	105	9.658	9.657	0.001	92	297284	20.0	20.6	
114 4-Chlorotoluene	91	9.676	9.676	0.000	99	285531	20.0	20.3	
115 Butyl Methacrylate	87	9.822	9.822	0.000	95	81564	20.0	19.0	
116 tert-Butylbenzene	119	9.993	9.993	0.000	92	224557	20.0	19.5	
117 1,2,4-Trimethylbenzene	105	10.060	10.060	0.000	98	315028	20.0	21.2	
118 sec-Butylbenzene	105	10.225	10.224	0.001	99	386666	20.0	20.5	
119 1,3-Dichlorobenzene	146	10.346	10.352	-0.006	93	156376	20.0	19.5	
120 4-Isopropyltoluene	119	10.383	10.383	0.000	97	319413	20.0	20.8	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	188268	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.450	10.450	0.000	94	159534	20.0	19.8	
123 1,2,3-Trimethylbenzene	105	10.487	10.486	0.001	99	331341	20.0	21.1	
124 Benzyl chloride	91	10.609	10.608	0.001	97	106975	20.0	19.6	
125 2,3-Dihydroindene	117	10.663	10.663	0.000	94	309545	20.0	21.6	
126 p-Diethylbenzene	119	10.755	10.755	0.000	91	203145	20.0	24.8	
127 n-Butylbenzene	92	10.773	10.773	0.000	98	187486	20.0	21.2	
128 1,2-Dichlorobenzene	146	10.804	10.803	0.001	93	157576	20.0	20.4	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	97	309199	20.0	20.6	
130 1,2-Dibromo-3-Chloropropane	157	11.523	11.523	0.000	89	15912	20.0	19.0	
131 1,3,5-Trichlorobenzene	180	11.645	11.645	0.000	96	133822	20.0	20.0	
132 1,2,4-Trichlorobenzene	180	12.157	12.157	0.000	94	124305	20.0	19.4	
133 Hexachlorobutadiene	225	12.255	12.254	0.001	93	52782	20.0	19.0	
134 Naphthalene	128	12.346	12.346	0.000	99	304071	20.0	20.0	
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	94	121081	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.3	
S 137 Xylenes, Total	100				0		40.0	41.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	43.6	
S 140 Total BTEX	1				0		100.0	102.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00426	Amount Added: 20.00	Units: uL	
8FreonsSS_00036	Amount Added: 20.00	Units: uL	
8260 SP_00144	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00128	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00048	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44018.D

Injection Date: 10-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

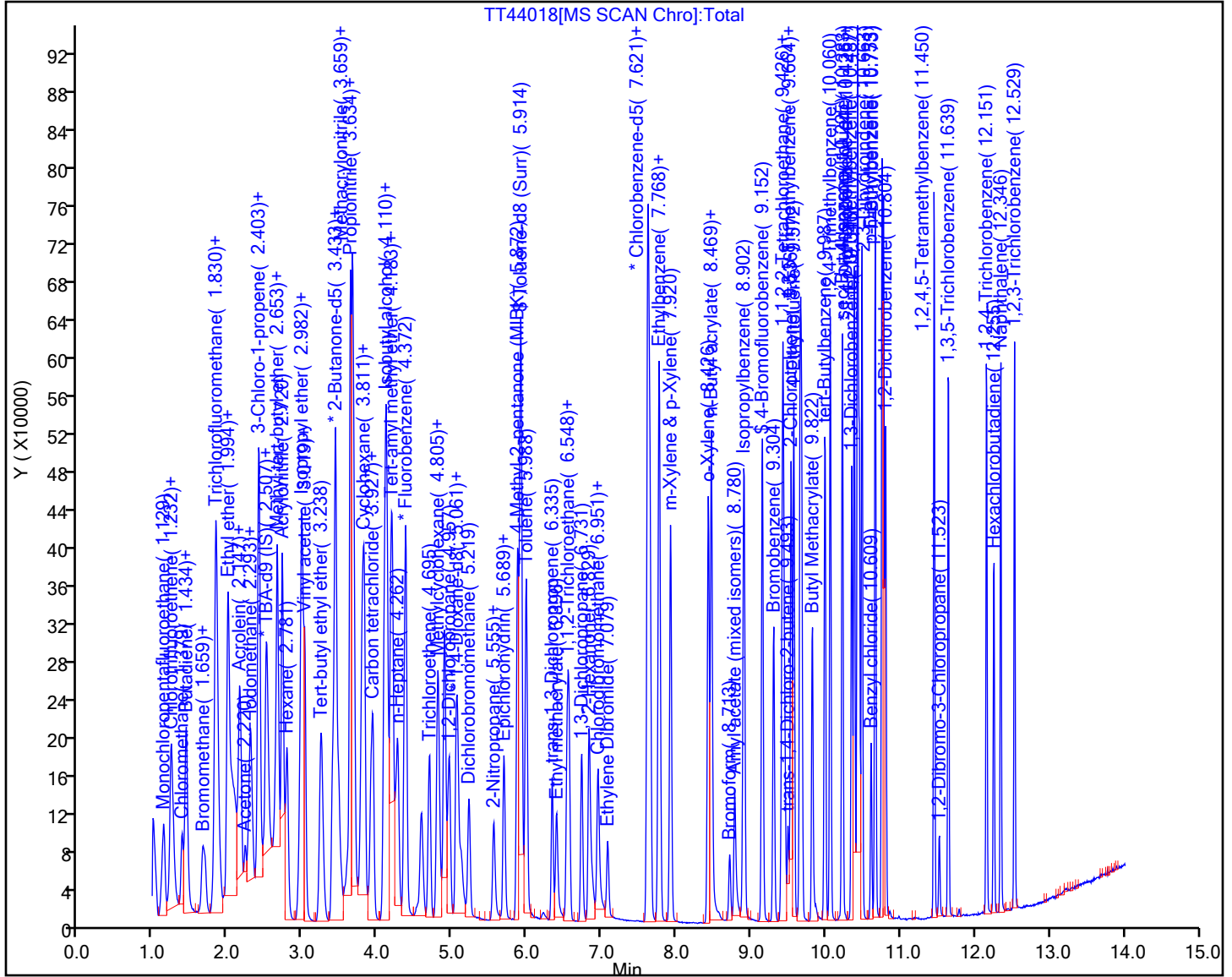
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44018.D

Injection Date: 10-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

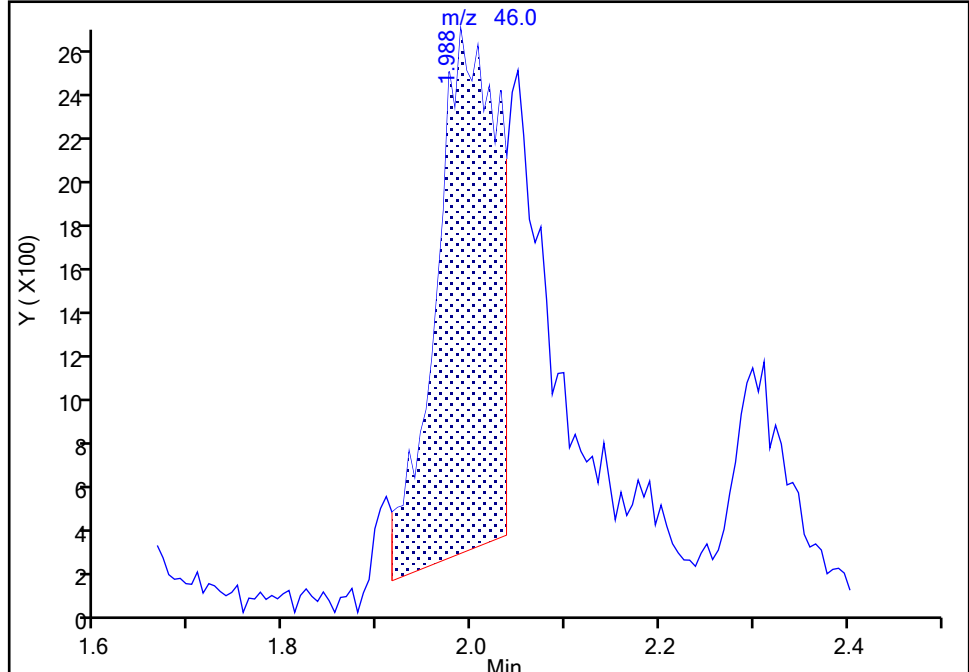
MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

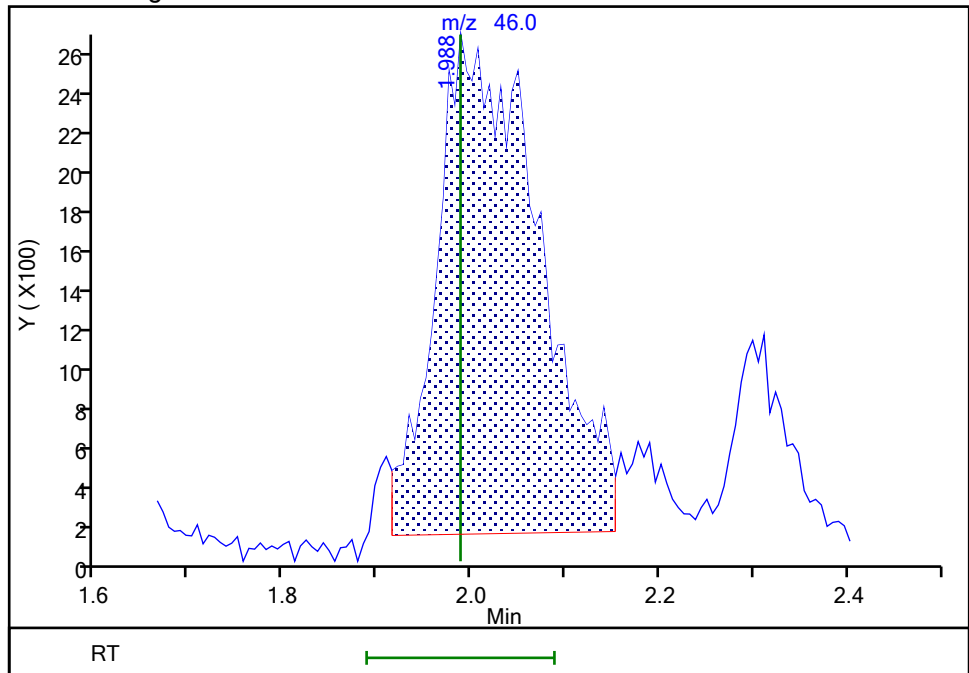
RT: 1.99
Area: 10932
Amount: 443.6185
Amount Units: ug/l

Processing Integration Results



RT: 1.99
Area: 19174
Amount: 780.9262
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:35:25

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44018.D

Injection Date: 10-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

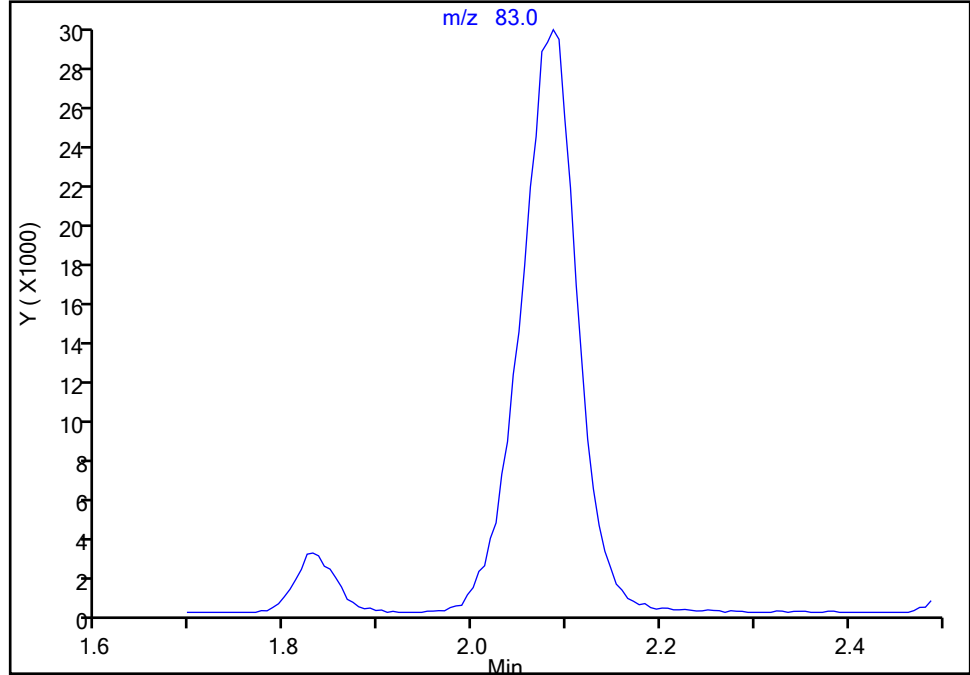
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.08

Processing Integration Results



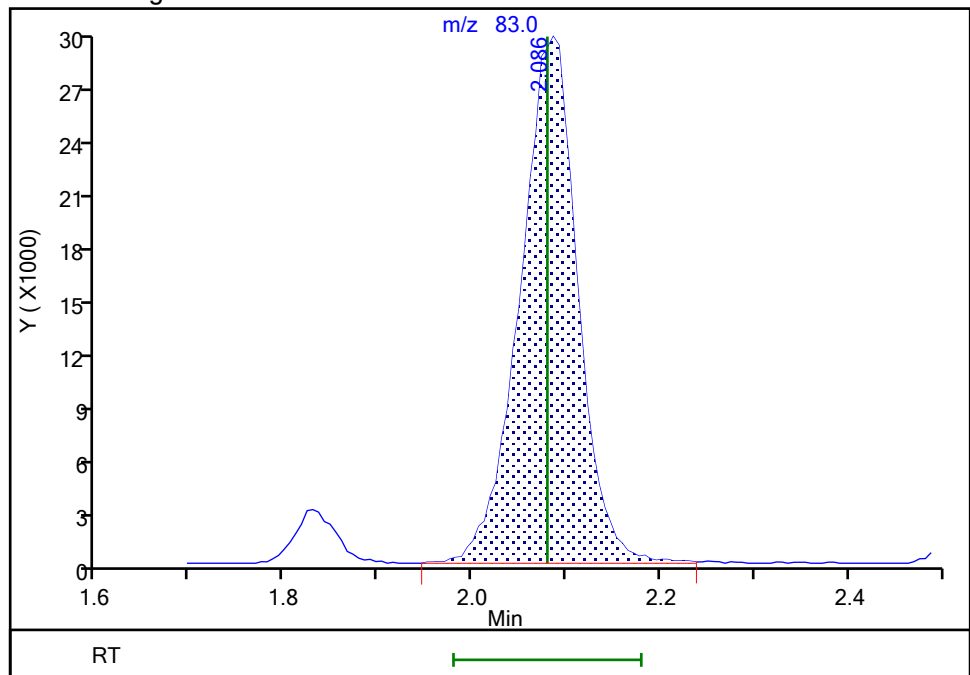
RT: 2.09

Area: 127388

Amount: 19.964864

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:35:34

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44018.D

Injection Date: 10-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

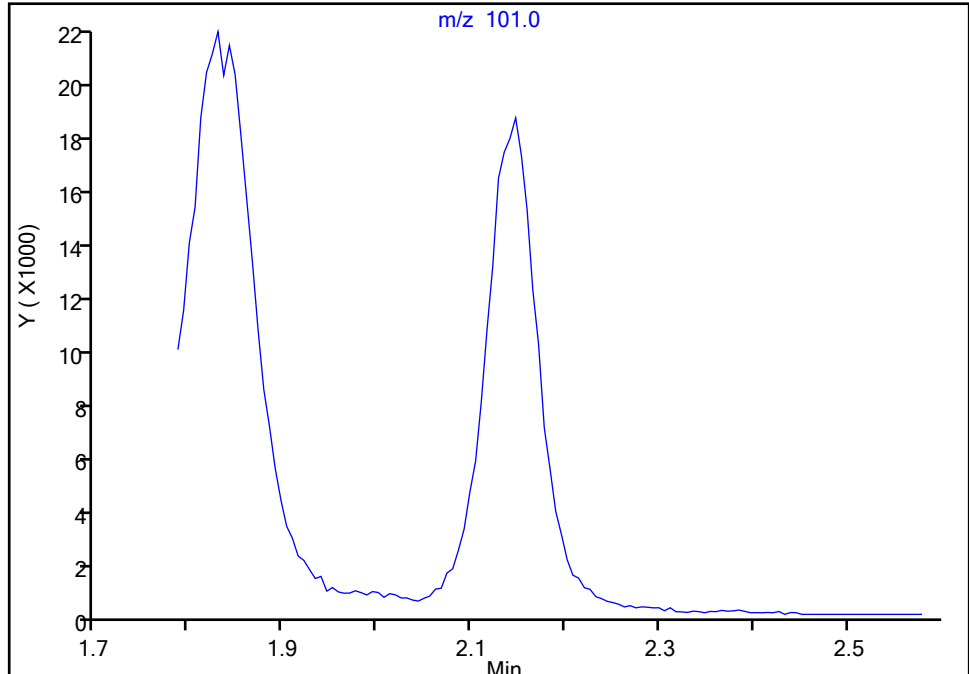
20 112TCTFE, CAS: 76-13-1

Signal: 1

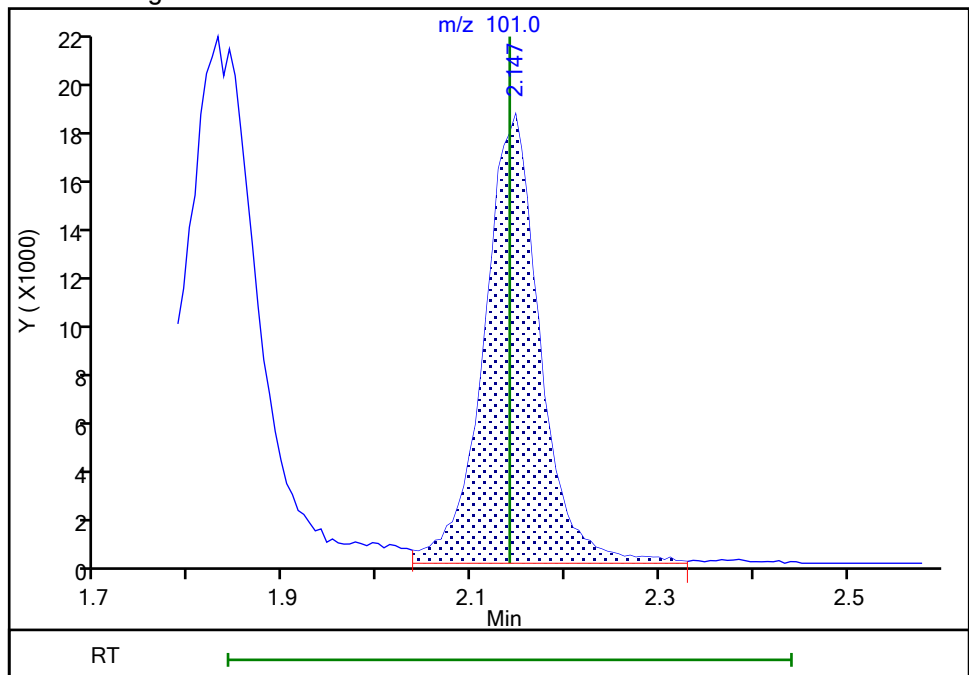
Not Detected

Expected RT: 2.14

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:35:39

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44018.D

Injection Date: 10-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

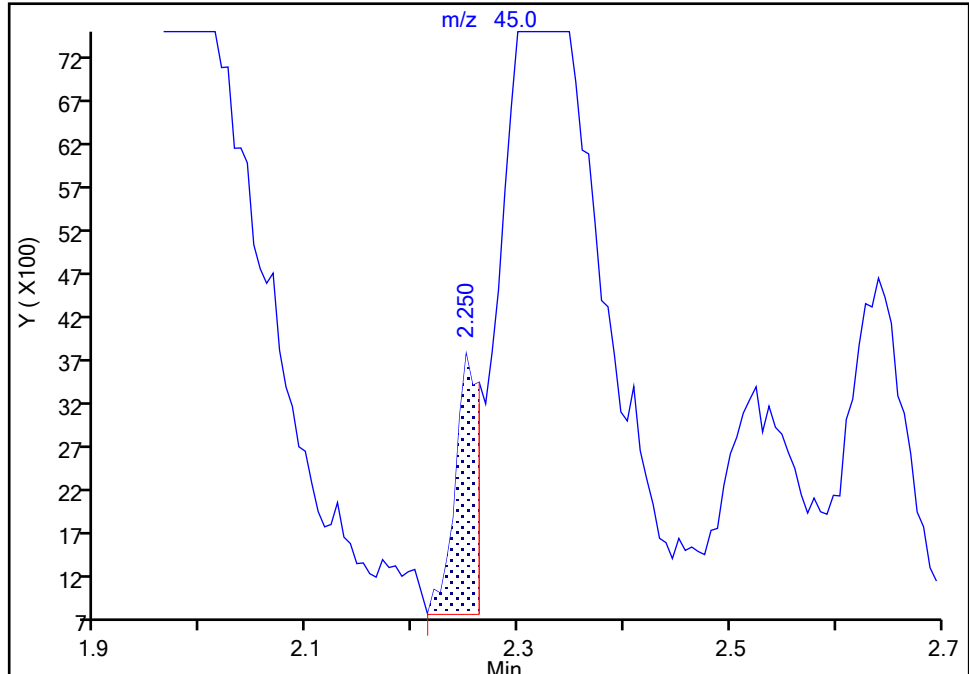
MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

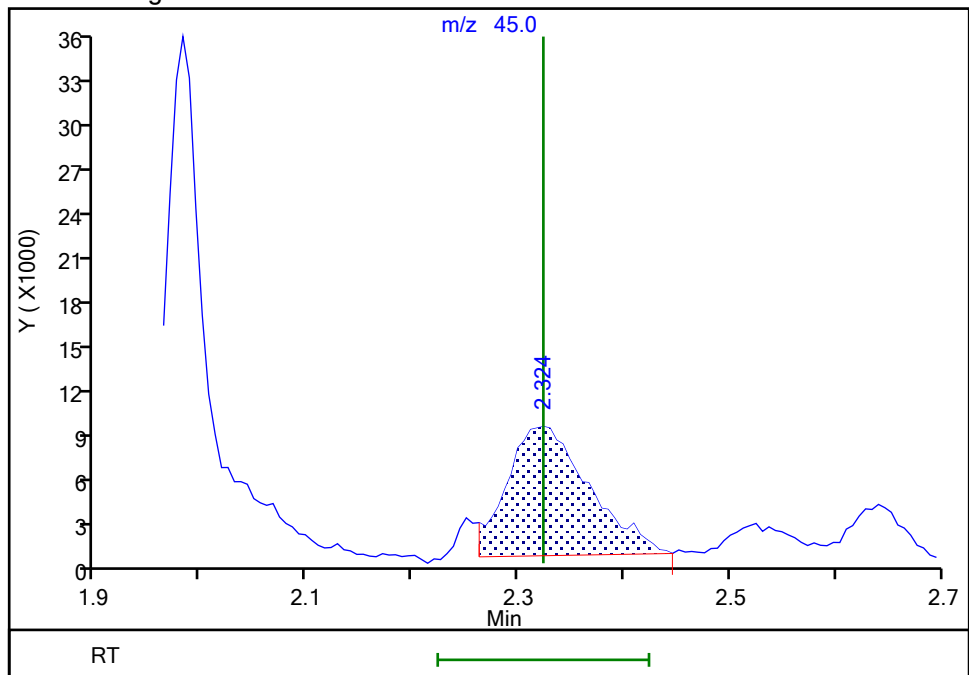
RT: 2.25
Area: 4710
Amount: 18.571631
Amount Units: ug/l

Processing Integration Results



RT: 2.32
Area: 46060
Amount: 181.6156
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:35:48

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44018.D

Injection Date: 10-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

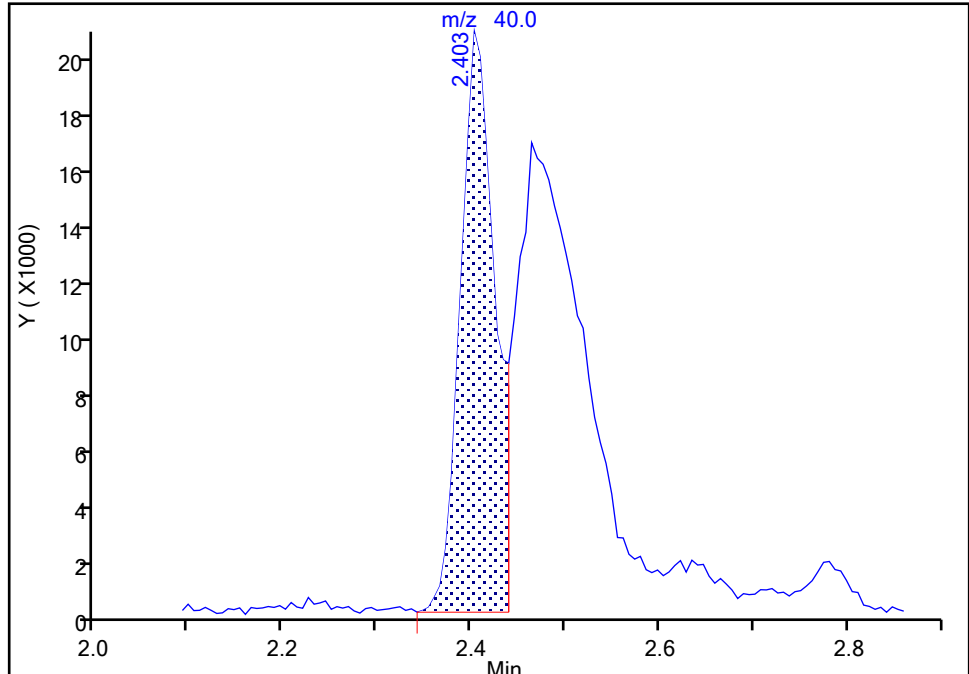
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

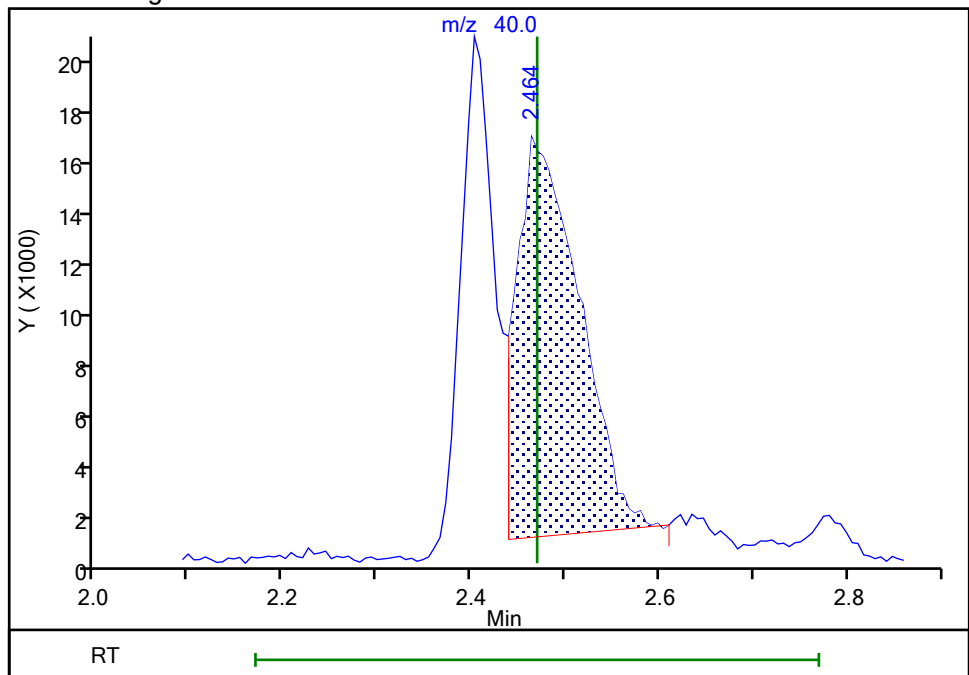
RT: 2.40
Area: 52487
Amount: 353.2159
Amount Units: ug/l

Processing Integration Results



RT: 2.46
Area: 71207
Amount: 176.8328
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:35:56

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44018.D

Injection Date: 10-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

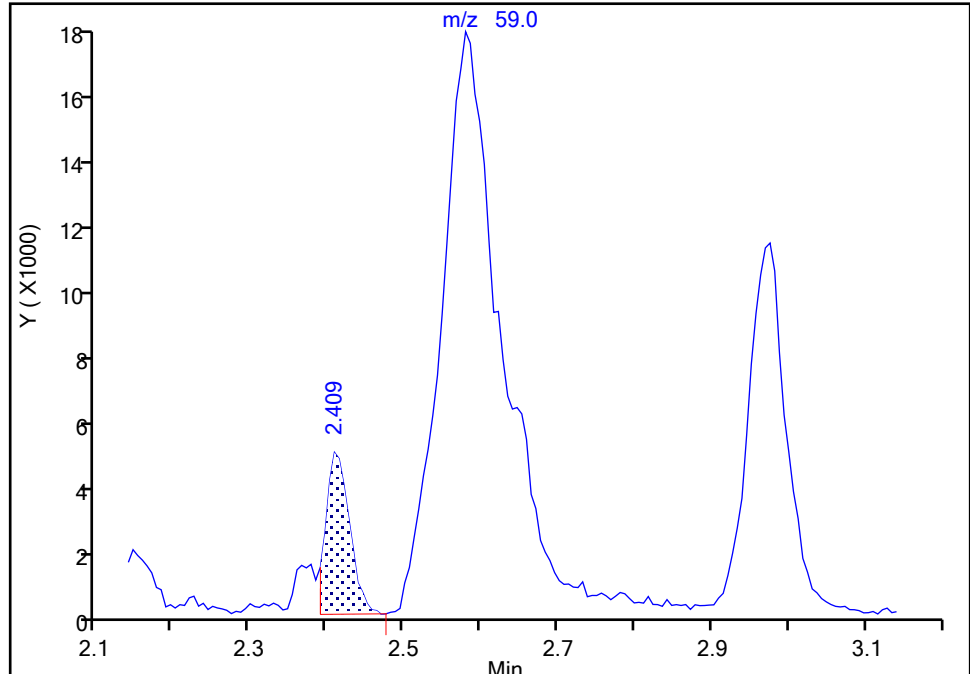
MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

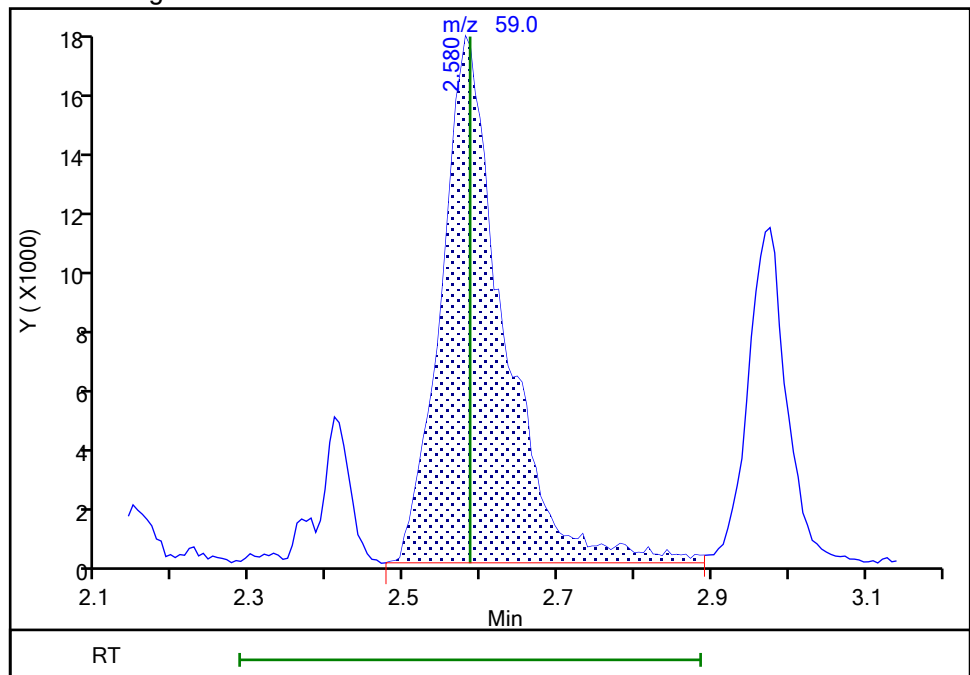
RT: 2.41
Area: 10248
Amount: 20.223829
Amount Units: ug/l

Processing Integration Results



RT: 2.58
Area: 97585
Amount: 192.5783
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:38:16

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44018.D

Injection Date: 10-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

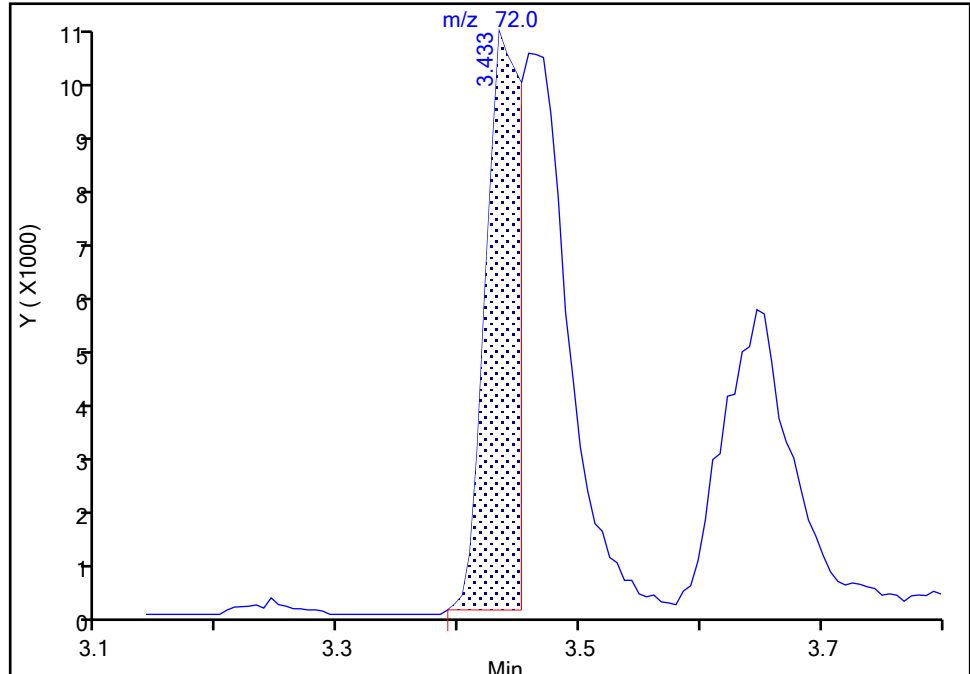
MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

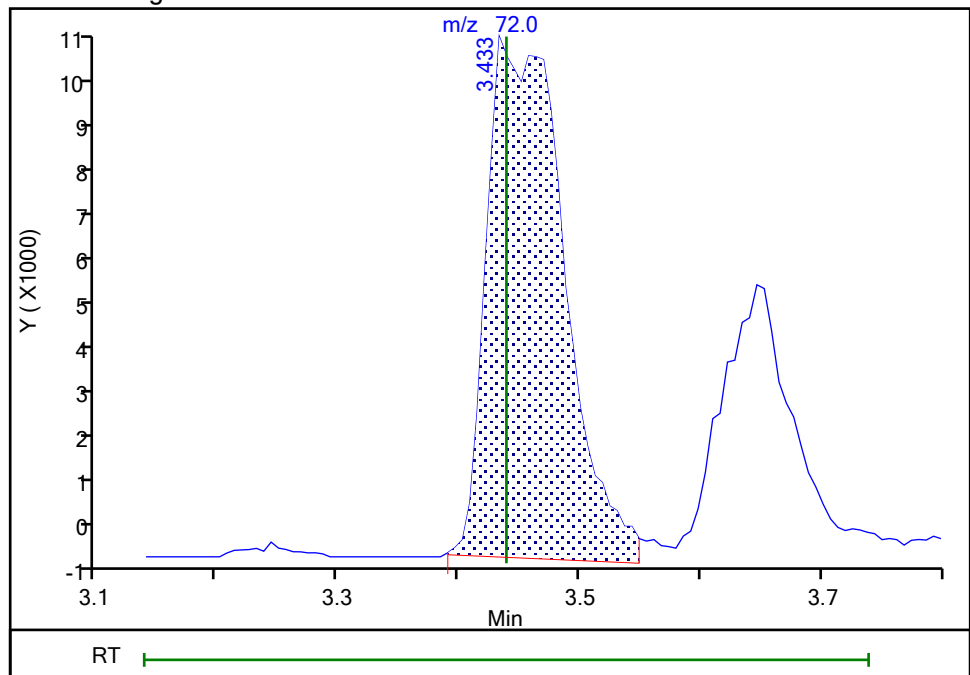
RT: 3.43
Area: 20188
Amount: 43.902220
Amount Units: ug/l

Processing Integration Results



RT: 3.43
Area: 44835
Amount: 97.501289
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:36:18

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44018.D

Injection Date: 10-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

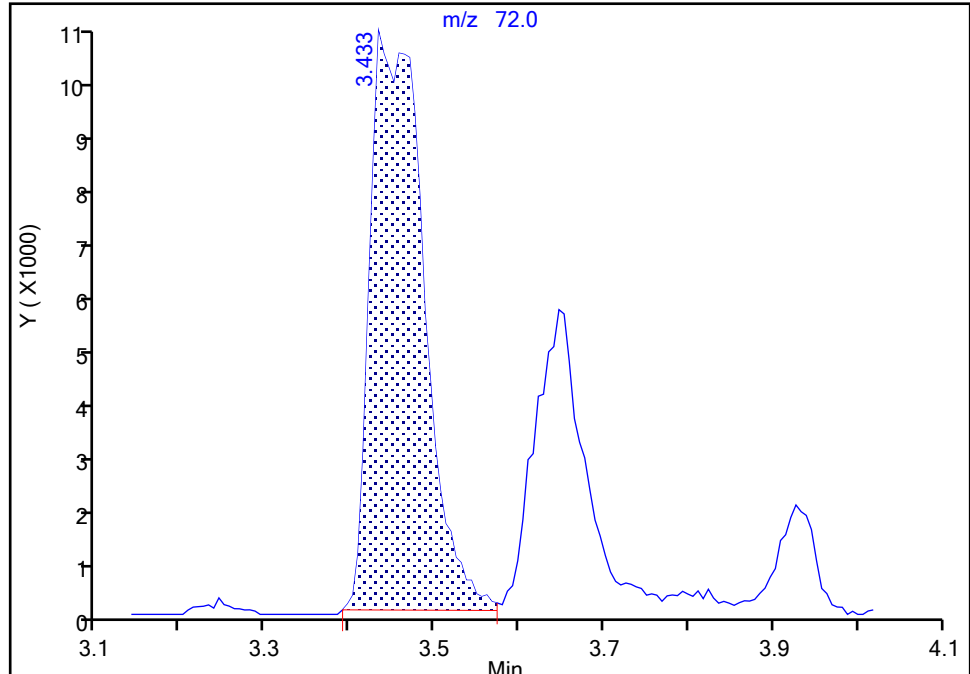
Detector: MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

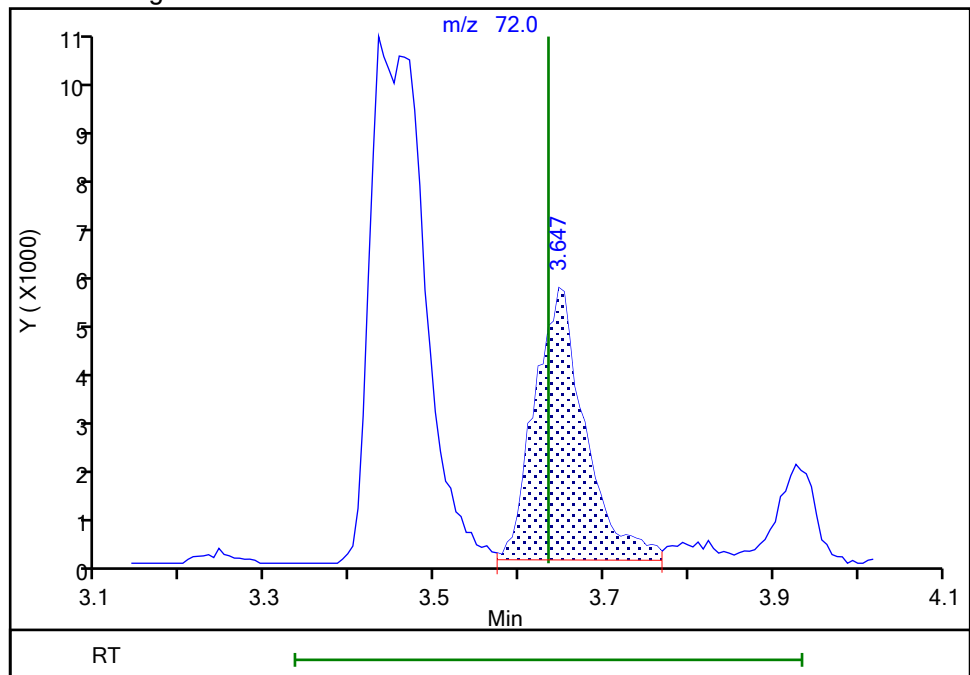
RT: 3.43
Area: 43981
Amount: 72.052679
Amount Units: ug/l

Processing Integration Results



RT: 3.65
Area: 21534
Amount: 35.278470
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:36:28

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44018.D

Injection Date: 10-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

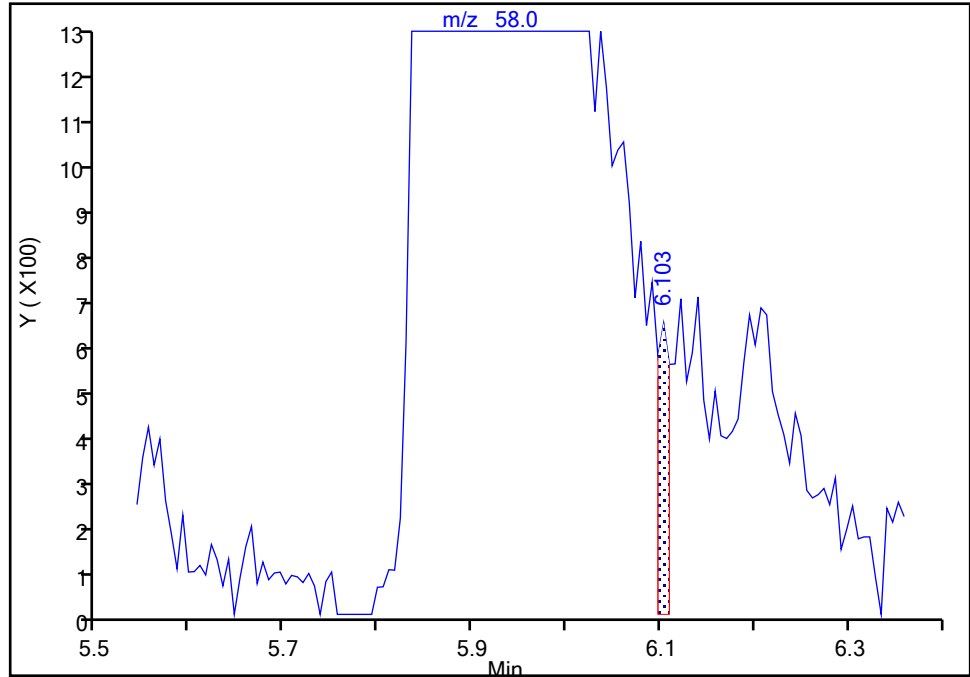
MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

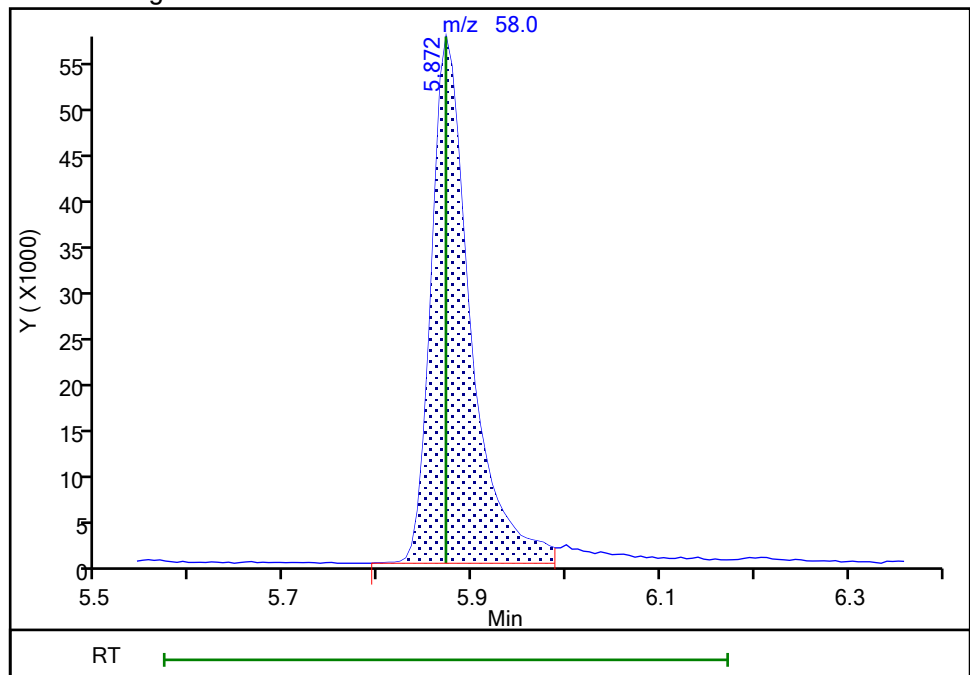
RT: 6.10
Area: 616
Amount: 0.359588
Amount Units: ug/l

Processing Integration Results



RT: 5.87
Area: 167386
Amount: 97.711089
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Sep-2021 19:37:05

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44018.D

Injection Date: 10-Sep-2021 13:11:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

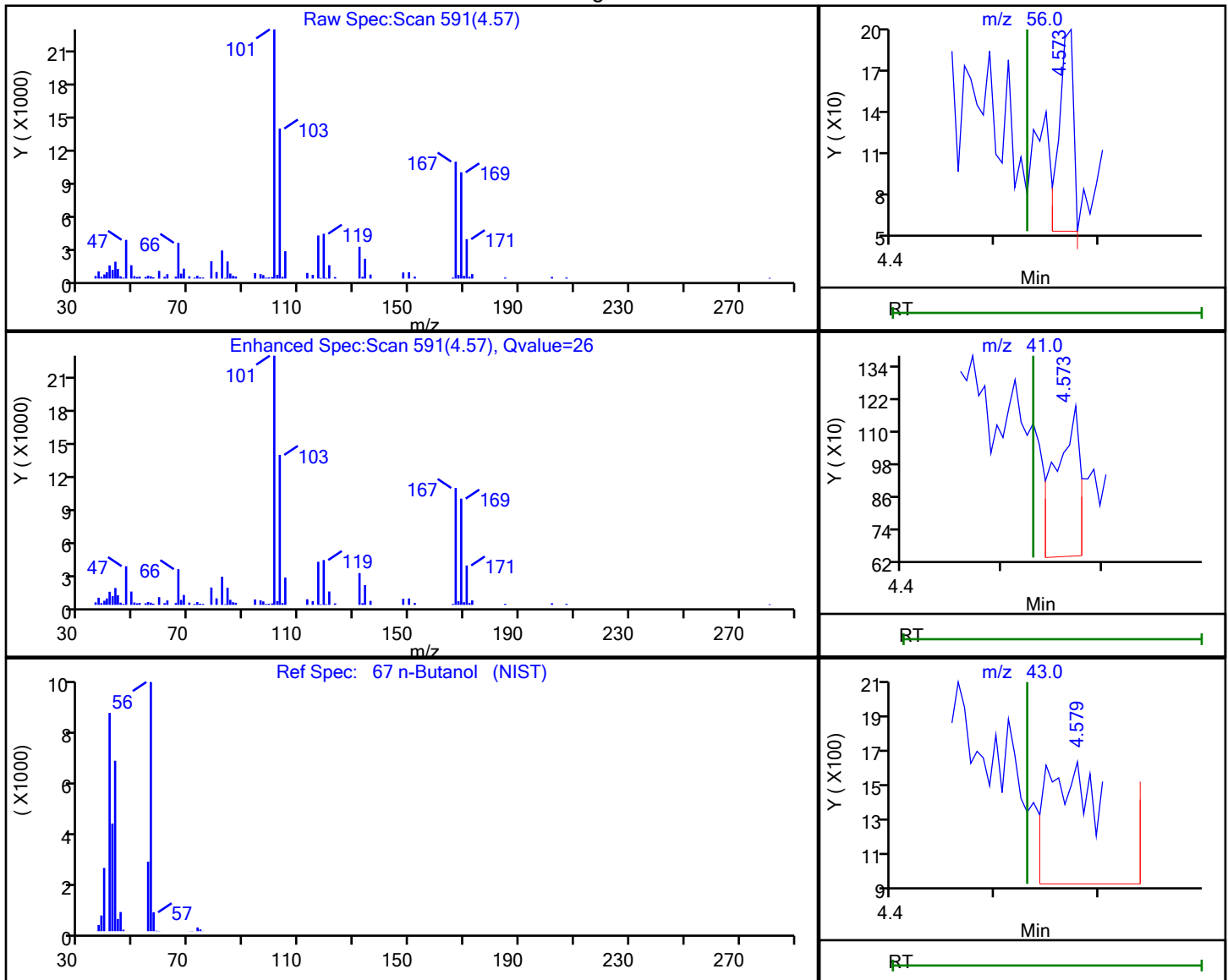
Column: DB-624 (0.18 mm)

Detector

MS Quad

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.57	56.00	133	3.591361
4.57	41.00	943	
4.58	43.00	2425	

Reviewer: baronm, 10-Sep-2021 19:36:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Lab Sample ID: CCVIS 460-801985/4 Calibration Date: 09/18/2021 07:20

Instrument ID: CVOAMS17 Calib Start Date: 09/10/2021 06:59

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/10/2021 12:08

Lab File ID: TT44555.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
Monochloropentafluoroethane	Ave	0.0409	0.0211		10.3	20.0	-48.5*	20.0
Chlorotrifluoroethene	Ave	0.1662	0.1205		14.5	20.0	-27.5*	20.0
1,1-Difluoroethane	Ave	0.3145	0.2694		17.1	20.0	-14.4	20.0
Dichlorodifluoromethane	Ave	0.5698	0.4646	0.1000	16.3	20.0	-18.5	20.0
Chlorodifluoromethane	Ave	0.1097	0.1022		18.6	20.0	-6.8	20.0
Chloromethane	Ave	0.6584	0.7437	0.1000	22.6	20.0	13.0	20.0
Butadiene	Ave	0.4788	0.5326		22.2	20.0	11.2	20.0
Vinyl chloride	Ave	0.5603	0.6104	0.1000	21.8	20.0	9.0	20.0
Bromomethane	Ave	2.428	2.458	0.1000	20.2	20.0	1.2	50.0
Chloroethane	QuaF		2.400	0.1000	25.3	20.0	26.4	50.0
Dichlorofluoromethane	Ave	0.9691	1.008		20.8	20.0	4.0	20.0
Trichlorofluoromethane	Ave	0.6293	0.6094	0.1000	19.4	20.0	-3.2	20.0
Pentane	Ave	0.0704	0.0662		37.6	40.0	-6.0	20.0
Ethyl ether	Ave	0.2710	0.2580		19.0	20.0	-4.8	20.0
Ethanol	QuaF		0.6528		917	800	14.6	50.0
2-Methyl-1,3-butadiene	Ave	0.4189	0.4356		20.8	20.0	4.0	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.3858	0.3644		18.9	20.0	-5.5	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.6605	0.6371		19.3	20.0	-3.5	20.0
Acrolein	Ave	0.0761	0.0851		45.4	40.6	11.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3760	0.3430	0.1000	18.2	20.0	-8.8	20.0
1,1-Dichloroethene	Ave	0.3932	0.3866	0.1000	19.7	20.0	-1.7	20.0
Acetone	Ave	1.237	1.063	0.0500	86.0	100	-14.0	50.0
Iodomethane	Ave	0.7000	0.6794		19.4	20.0	-2.9	20.0
Carbon disulfide	Ave	1.668	1.675	0.1000	20.1	20.0	0.4	50.0
Isopropyl alcohol	Ave	5.892	7.251		246	200	23.1	50.0
3-Chloro-1-propene	Ave	0.3162	0.3082		19.5	20.0	-2.5	20.0
Cyclopentene	Ave	1.059	1.101		20.8	20.0	4.0	20.0
Methyl acetate	Ave	0.3201	0.2997	0.1000	37.4	40.0	-6.4	20.0
Acetonitrile	Ave	0.4796	0.4672		195	200	-2.6	20.0
Methylene Chloride	Ave	0.5157	0.5058	0.1000	19.6	20.0	-1.9	20.0
2-Methyl-2-propanol	Ave	11.77	13.06		222	200	10.9	50.0
Methyl tert-butyl ether	Ave	1.229	1.310	0.1000	21.3	20.0	6.6	20.0
trans-1,2-Dichloroethene	Ave	0.4404	0.4322	0.1000	19.6	20.0	-1.9	20.0
Acrylonitrile	Ave	0.1769	0.1733		196	200	-2.0	20.0
Hexane	Ave	0.5873	0.5684		19.4	20.0	-3.2	20.0
Isopropyl ether	Ave	1.670	1.841		22.0	20.0	10.2	20.0
1,1-Dichloroethane	Ave	0.9072	0.9338	0.2000	20.6	20.0	2.9	20.0
Vinyl acetate	Ave	0.3844	0.5131		53.4	40.0	33.5*	20.0
2-Chloro-1,3-butadiene	Ave	0.3824	0.3849		20.1	20.0	0.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Lab Sample ID: CCVIS 460-801985/4 Calibration Date: 09/18/2021 07:20

Instrument ID: CVOAMS17 Calib Start Date: 09/10/2021 06:59

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/10/2021 12:08

Lab File ID: TT44555.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
Tert-butyl ethyl ether	Ave	1.287	1.543		24.0	20.0	19.9	20.0
2,2-Dichloropropane	Ave	0.1044	0.1384		26.5	20.0	32.6*	20.0
cis-1,2-Dichloroethene	Ave	0.4814	0.4736	0.1000	19.7	20.0	-1.6	20.0
2-Butanone (MEK)	Ave	0.3408	0.2856	0.0500	83.8	100	-16.2	50.0
Ethyl acetate	Ave	0.2744	0.2811		41.0	40.0	2.4	20.0
Methyl acrylate	Ave	0.3417	0.3373		19.7	20.0	-1.3	20.0
Propionitrile	QuaF		12.34		175	200	-12.3	20.0
Chlorobromomethane	Ave	0.2332	0.2184		18.7	20.0	-6.3	20.0
Tetrahydrofuran	Ave	0.4524	0.3576		31.6	40.0	-21.0*	20.0
Methacrylonitrile	Ave	0.1578	0.1485		188	200	-5.9	20.0
Chloroform	Ave	0.7549	0.7681	0.2000	20.3	20.0	1.7	20.0
Cyclohexane	Ave	0.5714	0.5461	0.1000	19.1	20.0	-4.4	50.0
1,1,1-Trichloroethane	Ave	0.5390	0.6093	0.1000	22.6	20.0	13.0	20.0
Carbon tetrachloride	Ave	0.3811	0.4730	0.1000	24.8	20.0	24.1*	20.0
1,1-Dichloropropene	Ave	0.5810	0.5558		19.1	20.0	-4.3	20.0
Isobutyl alcohol	Ave	3.882	3.092		398	500	-20.4	50.0
Isooctane	Ave	1.471	1.432		19.5	20.0	-2.7	20.0
Benzene	Ave	2.333	2.297	0.5000	19.7	20.0	-1.5	20.0
Tert-amyl methyl ether	Ave	1.272	1.446		22.7	20.0	13.7	20.0
1,2-Dichloroethane	Ave	0.5745	0.5585	0.1000	19.4	20.0	-2.8	20.0
Isopropyl acetate	Ave	0.2000	0.2199		22.0	20.0	10.0	20.0
n-Heptane	Ave	0.0906	0.0776		17.1	20.0	-14.3	20.0
Trichloroethene	Ave	0.4097	0.3567	0.2000	17.4	20.0	-12.9	20.0
Methylcyclohexane	Ave	0.6529	0.6254	0.1000	19.2	20.0	-4.2	50.0
Ethyl acrylate	Qua2		0.0443		19.1	20.0	-4.4	20.0
1,2-Dichloropropane	Ave	0.4517	0.4434	0.1000	19.6	20.0	-1.8	20.0
Methyl methacrylate	QuaF		0.0721		35.3	40.0	-11.8	20.0
Dibromomethane	Ave	0.2499	0.2299		18.4	20.0	-8.0	20.0
1,4-Dioxane	Ave	1.496	1.888		505	400	26.2	50.0
n-Propyl acetate	QuaF		0.5246		18.5	20.0	-7.5	20.0
Dichlorobromomethane	Ave	0.4780	0.4827	0.2000	20.2	20.0	1.0	20.0
2-Nitropropane	Ave	0.0641	0.0869		54.3	40.0	35.6*	20.0
2-Chloroethyl vinyl ether	Ave	0.2239	0.2148		19.2	20.0	-4.1	20.0
Epichlorohydrin	QuaF		0.2323		341	400	-14.8	20.0
cis-1,3-Dichloropropene	Ave	0.8000	0.8692	0.2000	21.7	20.0	8.6	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.270	1.179	0.0500	92.9	100	-7.1	50.0
Toluene	Ave	2.202	2.152	0.4000	19.6	20.0	-2.2	20.0
trans-1,3-Dichloropropene	Ave	0.5856	0.7368	0.1000	25.2	20.0	25.8	50.0
Ethyl methacrylate	QuaF		0.6815		22.1	20.0	10.4	20.0
1,1,2-Trichloroethane	Ave	0.4166	0.3944	0.1000	18.9	20.0	-5.3	20.0
Tetrachloroethene	Ave	0.5060	0.4613	0.2000	18.2	20.0	-8.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-801985/4 Calibration Date: 09/18/2021 07:20
 Instrument ID: CVOAMS17 Calib Start Date: 09/10/2021 06:59
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/10/2021 12:08
 Lab File ID: TT44555.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.8251	0.8174		19.8	20.0	-0.9	20.0
2-Hexanone	QuaF		1.592	0.0500	74.9	100	-25.1	50.0
Chlorodibromomethane	Ave	0.3924	0.4503	0.1000	23.0	20.0	14.8	50.0
n-Butyl acetate	Ave	0.8195	1.029		25.1	20.0	25.5*	20.0
Ethylene Dibromide	Ave	0.3979	0.4174	0.1000	21.0	20.0	4.9	20.0
Chlorobenzene	Ave	1.394	1.315	0.5000	18.9	20.0	-5.7	20.0
Ethylbenzene	Ave	0.7476	0.7480	0.1000	20.0	20.0	0.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4047	0.5134		25.4	20.0	26.9*	20.0
m-Xylene & p-Xylene	Ave	0.8938	0.8935	0.1000	20.0	20.0	-0.0	20.0
o-Xylene	Ave	0.9279	0.9510	0.3000	20.5	20.0	2.5	20.0
n-Butyl acrylate	QuaF		0.3569		20.1	20.0	0.7	20.0
Styrene	Ave	1.400	1.437	0.3000	20.5	20.0	2.6	20.0
Bromoform	Ave	0.2384	0.2887	0.1000	24.2	20.0	21.1*	20.0
Amyl acetate (mixed isomers)	QuaF		1.904		19.4	20.0	-3.1	20.0
Isopropylbenzene	Ave	2.459	2.610	0.1000	21.2	20.0	6.1	20.0
Bromobenzene	Ave	1.111	1.042		18.8	20.0	-6.1	20.0
1,1,2,2-Tetrachloroethane	Ave	1.334	1.355	0.3000	20.3	20.0	1.5	20.0
N-Propylbenzene	Ave	5.643	5.973		21.2	20.0	5.9	20.0
1,2,3-Trichloropropane	Ave	0.3397	0.3276		19.3	20.0	-3.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3096	0.3132		20.2	20.0	1.2	20.0
2-Chlorotoluene	Ave	3.671	3.795		20.7	20.0	3.4	20.0
4-Ethyltoluene	Ave	4.388	4.646		21.2	20.0	5.9	20.0
1,3,5-Trimethylbenzene	Ave	3.839	3.991		20.8	20.0	4.0	20.0
4-Chlorotoluene	Ave	3.738	3.865		20.7	20.0	3.4	20.0
Butyl Methacrylate	QuaF		1.289		22.6	20.0	12.8	20.0
tert-Butylbenzene	Ave	3.053	2.943		19.3	20.0	-3.6	20.0
1,2,4-Trimethylbenzene	Ave	3.953	4.220		21.3	20.0	6.7	20.0
sec-Butylbenzene	Ave	5.012	5.182		20.7	20.0	3.4	20.0
1,3-Dichlorobenzene	Ave	2.126	2.006	0.6000	18.9	20.0	-5.7	20.0
4-Isopropyltoluene	Ave	4.081	4.239		20.8	20.0	3.9	20.0
1,4-Dichlorobenzene	Ave	2.143	1.980	0.5000	18.5	20.0	-7.6	20.0
1,2,3-Trimethylbenzene	Ave	4.171	4.350		20.9	20.0	4.3	20.0
Benzyl chloride	QuaF		1.959		26.8	20.0	33.9	50.0
Indan	Ave	3.807	3.956		20.8	20.0	3.9	20.0
p-Diethylbenzene	Ave	2.171	2.238		20.6	20.0	3.1	20.0
n-Butylbenzene	Ave	2.345	2.522		21.5	20.0	7.6	20.0
1,2-Dichlorobenzene	Ave	2.050	1.999	0.4000	19.5	20.0	-2.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.986	4.057		20.4	20.0	1.8	20.0
1,2-Dibromo-3-Chloropropane	QuaF		0.2346	0.0500	21.0	20.0	5.1	50.0
1,3,5-Trichlorobenzene	Ave	1.781	1.685		18.9	20.0	-5.4	20.0
1,2,4-Trichlorobenzene	Ave	1.706	1.646	0.2000	19.3	20.0	-3.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-801985/4 Calibration Date: 09/18/2021 07:20
 Instrument ID: CVOAMS17 Calib Start Date: 09/10/2021 06:59
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/10/2021 12:08
 Lab File ID: TT44555.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.7369	0.6759		18.3	20.0	-8.3	20.0
Naphthalene	Ave	4.041	3.894		19.3	20.0	-3.6	50.0
1,2,3-Trichlorobenzene	Ave	1.625	1.537		18.9	20.0	-5.4	20.0
n-Butanol	Ave	0.8604	1.910		8.70	500	122.1*	50.0
Dibromofluoromethane (Surr)	Ave	0.2787	0.2815		50.5	50.0	1.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3475	0.3497		50.3	50.0	0.6	20.0
Toluene-d8 (Surr)	Ave	1.334	1.363		51.1	50.0	2.2	20.0
4-Bromofluorobenzene	Ave	0.3816	0.3696		48.4	50.0	-3.1	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 18-Sep-2021 07:20:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0134688-004
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:02:40 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: xuyvo

Date: 19-Sep-2021 12:58:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.135	1.135	0.000	79	4056	20.0	10.3	
3 Chlorotrifluoroethene	116	1.196	1.196	0.000	95	23205	20.0	14.5	a
2 1,1-Difluoroethane	65	1.214	1.214	0.000	90	51867	20.0	17.1	
4 Dichlorodifluoromethane	85	1.220	1.220	0.000	62	89459	20.0	16.3	
5 Chlorodifluoromethane	67	1.238	1.238	0.000	99	19689	20.0	18.6	
6 Chloromethane	50	1.360	1.360	0.000	99	143216	20.0	22.6	
8 Butadiene	54	1.415	1.415	0.000	94	102562	20.0	22.2	
7 Vinyl chloride	62	1.421	1.421	0.000	98	117546	20.0	21.8	
9 Bromomethane	94	1.635	1.635	0.000	98	63935	20.0	20.2	
10 Chloroethane	64	1.671	1.671	0.000	100	62419	20.0	25.3	
11 Dichlorofluoromethane	67	1.811	1.811	0.000	98	194029	20.0	20.8	
12 Trichlorofluoromethane	101	1.818	1.818	0.000	48	117348	20.0	19.4	
13 Pentane	72	1.824	1.824	0.000	97	25481	40.0	37.6	
15 Ethyl ether	74	1.970	1.970	0.000	92	49687	20.0	19.0	
14 Ethanol	46	1.982	1.982	0.000	76	20204	800.0	917.0	
16 2-Methyl-1,3-butadiene	53	1.988	1.988	0.000	96	83878	20.0	20.8	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.025	2.025	0.000	91	70176	20.0	18.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.074	2.074	0.000	94	122691	20.0	19.3	a
19 Acrolein	56	2.110	2.110	0.000	98	33249	40.6	45.4	
20 112TCTFE	101	2.135	2.135	0.000	89	66053	20.0	18.2	
21 1,1-Dichloroethene	96	2.141	2.141	0.000	94	74453	20.0	19.7	
22 Acetone	43	2.214	2.214	0.000	85	138238	100.0	86.0	
23 Iodomethane	142	2.263	2.263	0.000	99	130832	20.0	19.4	
24 Carbon disulfide	76	2.287	2.287	0.000	100	322451	20.0	20.1	
25 Isopropyl alcohol	45	2.305	2.305	0.000	92	56101	200.0	246.1	a
26 3-Chloro-1-propene	76	2.391	2.391	0.000	90	59343	20.0	19.5	
27 Methyl acetate	43	2.403	2.403	0.000	67	115411	40.0	37.4	a
28 Cyclopentene	67	2.403	2.403	0.000	90	212098	20.0	20.8	
29 Acetonitrile	41	2.458	2.452	0.006	96	121527	200.0	194.9	
30 Methylene Chloride	84	2.494	2.494	0.000	97	97396	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	98	38685	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.574	2.574	0.000	97	101055	200.0	221.9	a
33 Methyl tert-butyl ether	73	2.628	2.628	0.000	98	252298	20.0	21.3	
34 trans-1,2-Dichloroethene	96	2.647	2.647	0.000	97	83226	20.0	19.6	
35 Acrylonitrile	53	2.708	2.708	0.000	94	333738	200.0	195.9	
36 Hexane	57	2.775	2.775	0.000	94	109453	20.0	19.4	
37 Isopropyl ether	45	2.964	2.964	0.000	86	354451	20.0	22.0	
38 1,1-Dichloroethane	63	2.976	2.976	0.000	99	179822	20.0	20.6	
39 Vinyl acetate	86	3.000	3.000	0.000	100	26692	40.0	53.4	M
40 2-Chloro-1,3-butadiene	88	3.019	3.019	0.000	94	74127	20.0	20.1	
41 Tert-butyl ethyl ether	59	3.232	3.232	0.000	88	297163	20.0	24.0	
* 42 2-Butanone-d5	46	3.409	3.409	0.000	96	325133	250.0	250.0	
43 2,2-Dichloropropane	97	3.421	3.421	0.000	95	26649	20.0	26.5	
44 cis-1,2-Dichloroethene	96	3.427	3.427	0.000	90	91190	20.0	19.7	
45 2-Butanone (MEK)	72	3.439	3.439	0.000	94	37143	100.0	83.8	
46 Ethyl acetate	70	3.439	3.439	0.000	93	14622	40.0	41.0	
47 Methyl acrylate	55	3.482	3.482	0.000	98	64961	20.0	19.7	a
48 Propionitrile	54	3.579	3.579	0.000	97	95474	200.0	175.4	
49 Chlorobromomethane	128	3.622	3.622	0.000	96	42062	20.0	18.7	
50 Tetrahydrofuran	72	3.640	3.640	0.000	73	18602	40.0	31.6	
51 Methacrylonitrile	67	3.653	3.653	0.000	96	285866	200.0	188.2	
52 Chloroform	83	3.677	3.677	0.000	97	147907	20.0	20.3	
53 Cyclohexane	84	3.781	3.781	0.000	98	105166	20.0	19.1	
54 1,1,1-Trichloroethane	97	3.799	3.799	0.000	97	117330	20.0	22.6	
\$ 55 Dibromofluoromethane (Surr)	113	3.811	3.811	0.000	96	135494	50.0	50.5	
56 Carbon tetrachloride	117	3.903	3.903	0.000	97	91091	20.0	24.8	
57 1,1-Dichloropropene	75	3.927	3.927	0.000	93	107033	20.0	19.1	
59 Isooctane	57	4.085	4.085	0.000	99	275685	20.0	19.5	
58 Isobutyl alcohol	43	4.085	4.085	0.000	40	59807	500.0	398.2	a
60 Benzene	78	4.104	4.104	0.000	98	304159	20.0	19.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	97	168345	50.0	50.3	
62 Tert-amyl methyl ether	73	4.177	4.177	0.000	96	278391	20.0	22.7	
64 1,2-Dichloroethane	62	4.183	4.183	0.000	93	107545	20.0	19.4	
63 Isopropyl acetate	61	4.189	4.189	0.000	95	42345	20.0	22.0	
65 n-Heptane	100	4.256	4.256	0.000	97	14945	20.0	17.1	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	481408	50.0	50.0	
68 Trichloroethene	95	4.689	4.689	0.000	94	68693	20.0	17.4	
69 Methylcyclohexane	83	4.799	4.799	0.000	94	120432	20.0	19.2	
70 Ethyl acrylate	99	4.817	4.817	0.000	97	8535	20.0	19.1	a
71 1,2-Dichloropropane	63	4.951	4.951	0.000	90	85387	20.0	19.6	
73 Methyl methacrylate	100	5.049	5.049	0.000	95	27785	40.0	35.3	
* 72 1,4-Dioxane-d8	96	5.061	5.061	0.000	45	19175	1000.0	1000.0	
74 Dibromomethane	93	5.067	5.067	0.000	93	44267	20.0	18.4	
75 1,4-Dioxane	88	5.110	5.110	0.000	29	14481	400.0	504.7	a
76 n-Propyl acetate	43	5.116	5.116	0.000	99	101024	20.0	18.5	
77 Dichlorobromomethane	83	5.219	5.219	0.000	98	92953	20.0	20.2	
78 2-Nitropropane	41	5.542	5.542	0.000	81	33467	40.0	54.3	
79 2-Chloroethyl vinyl ether	63	5.555	5.555	0.000	84	41457	20.0	19.2	
80 Epichlorohydrin	57	5.658	5.658	0.000	100	120837	400.0	340.9	a
81 cis-1,3-Dichloropropene	75	5.689	5.689	0.000	99	115067	20.0	21.7	
82 4-Methyl-2-pentanone (MIBK)	58	5.872	5.872	0.000	98	153343	100.0	92.9	a
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	451160	50.0	51.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	5.987	5.987	0.000	92	284928	20.0	19.6	
85 trans-1,3-Dichloropropene	75	6.335	6.335	0.000	98	97541	20.0	25.2	
86 Ethyl methacrylate	69	6.396	6.396	0.000	94	90227	20.0	22.1	
87 1,1,2-Trichloroethane	83	6.530	6.530	0.000	94	52212	20.0	18.9	
88 Tetrachloroethene	166	6.561	6.561	0.000	92	61077	20.0	18.2	
89 1,3-Dichloropropane	76	6.731	6.731	0.000	97	108218	20.0	19.8	
90 2-Hexanone	43	6.829	6.829	0.000	99	207065	100.0	74.9	
92 Chlorodibromomethane	129	6.945	6.945	0.000	97	59613	20.0	23.0	
91 n-Butyl acetate	43	6.963	6.963	0.000	98	136171	20.0	25.1	
93 Ethylene Dibromide	107	7.079	7.079	0.000	99	55261	20.0	21.0	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	91	330971	50.0	50.0	
95 Chlorobenzene	112	7.646	7.646	0.000	90	174101	20.0	18.9	
96 Ethylbenzene	106	7.762	7.762	0.000	99	99030	20.0	20.0	
97 1,1,1,2-Tetrachloroethane	131	7.774	7.774	0.000	93	67971	20.0	25.4	
98 m-Xylene & p-Xylene	106	7.920	7.920	0.000	99	118294	20.0	20.0	
99 o-Xylene	106	8.426	8.426	0.000	92	125897	20.0	20.5	
101 Styrene	104	8.469	8.469	0.000	94	190302	20.0	20.5	
100 n-Butyl acrylate	73	8.469	8.469	0.000	95	47252	20.0	20.1	
102 Bromoform	173	8.713	8.713	0.000	94	38217	20.0	24.2	
103 Amyl acetate (mixed isomers)	43	8.780	8.780	0.000	89	132905	20.0	19.4	
104 Isopropylbenzene	105	8.902	8.902	0.000	97	345491	20.0	21.2	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	122318	50.0	48.4	
106 Bromobenzene	156	9.304	9.304	0.000	93	72754	20.0	18.8	
107 1,1,2,2-Tetrachloroethane	83	9.408	9.408	0.000	98	94551	20.0	20.3	
108 N-Propylbenzene	91	9.426	9.426	0.000	98	416881	20.0	21.2	
109 1,2,3-Trichloropropane	110	9.450	9.450	0.000	95	22866	20.0	19.3	
110 trans-1,4-Dichloro-2-butene	53	9.493	9.493	0.000	84	21862	20.0	20.2	
111 2-Chlorotoluene	91	9.536	9.536	0.000	97	264855	20.0	20.7	
112 4-Ethyltoluene	105	9.572	9.572	0.000	98	324252	20.0	21.2	
113 1,3,5-Trimethylbenzene	105	9.657	9.657	0.000	91	278530	20.0	20.8	
114 4-Chlorotoluene	91	9.676	9.676	0.000	99	269720	20.0	20.7	
115 Butyl Methacrylate	87	9.822	9.822	0.000	96	89987	20.0	22.6	
116 tert-Butylbenzene	119	9.987	9.987	0.000	90	205394	20.0	19.3	
117 1,2,4-Trimethylbenzene	105	10.060	10.060	0.000	98	294526	20.0	21.3	
118 sec-Butylbenzene	105	10.218	10.218	0.000	99	361690	20.0	20.7	
119 1,3-Dichlorobenzene	146	10.346	10.346	0.000	92	139987	20.0	18.9	
120 4-Isopropyltoluene	119	10.383	10.383	0.000	97	295846	20.0	20.8	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	174478	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.450	10.450	0.000	93	138170	20.0	18.5	
123 1,2,3-Trimethylbenzene	105	10.487	10.487	0.000	99	303617	20.0	20.9	
124 Benzyl chloride	91	10.609	10.609	0.000	97	136700	20.0	26.8	
125 2,3-Dihydroindene	117	10.663	10.663	0.000	94	276070	20.0	20.8	
126 p-Diethylbenzene	119	10.755	10.755	0.000	90	156183	20.0	20.6	
127 n-Butylbenzene	92	10.773	10.773	0.000	98	176033	20.0	21.5	
128 1,2-Dichlorobenzene	146	10.804	10.804	0.000	93	139509	20.0	19.5	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	97	283113	20.0	20.4	
130 1,2-Dibromo-3-Chloropropane	157	11.523	11.523	0.000	92	16370	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	11.639	11.639	0.000	95	117614	20.0	18.9	
132 1,2,4-Trichlorobenzene	180	12.151	12.151	0.000	94	114905	20.0	19.3	
133 Hexachlorobutadiene	225	12.255	12.255	0.000	94	47170	20.0	18.3	
134 Naphthalene	128	12.346	12.346	0.000	99	271796	20.0	19.3	
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	94	107245	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.3	
S 137 Xylenes, Total	100				0		40.0	40.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	46.9	
S 140 Total BTEX	1				0		100.0	99.7	

QC Flag Legend

Processing Flags

Review Flags

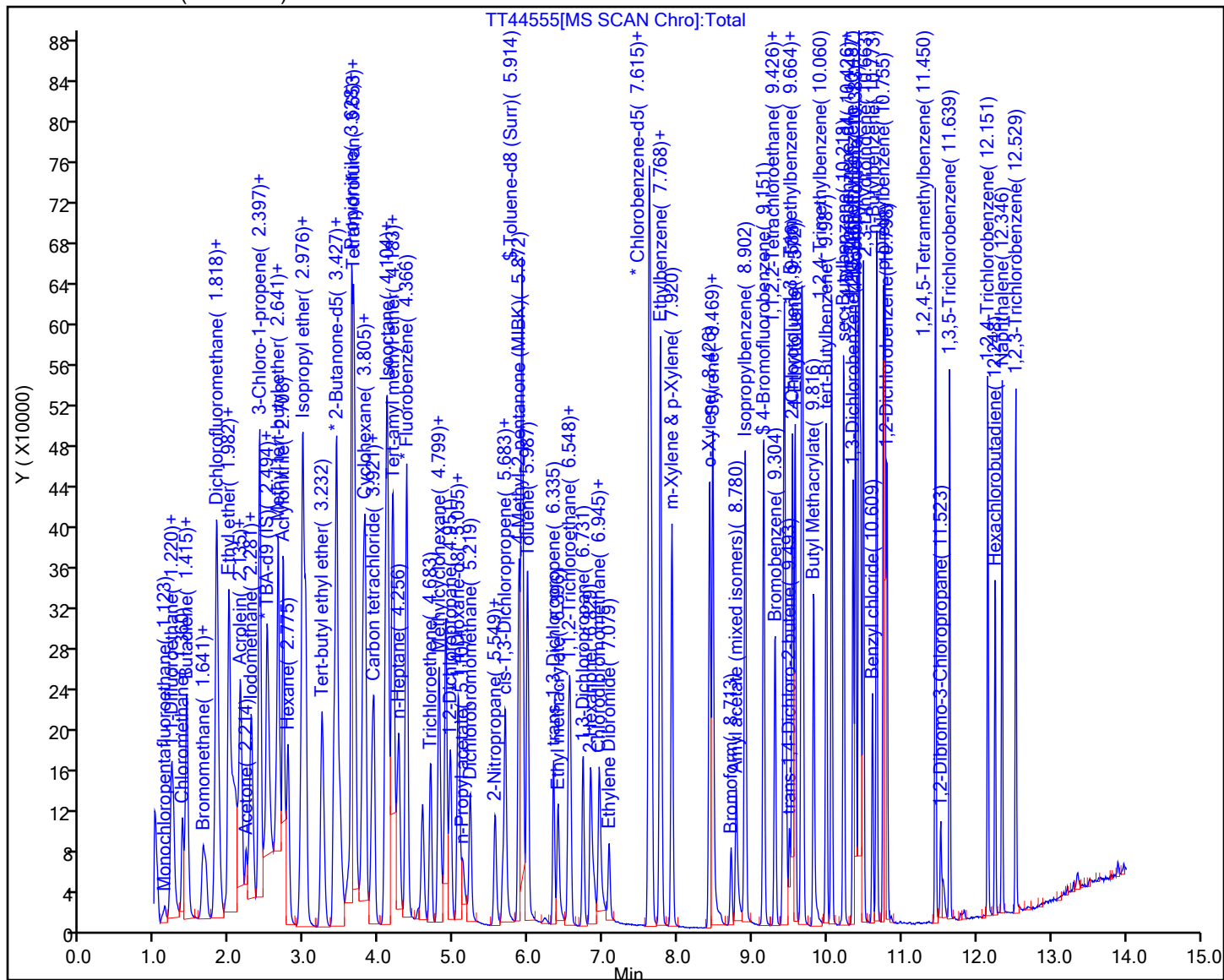
M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00130	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00143	Amount Added: 20.00	Units: uL	
GASES Li_00439	Amount Added: 20.00	Units: uL	
524freon_00042	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00048	Amount Added: 5.00	Units: uL	Run Reagent

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D

Injection Date: 18-Sep-2021 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

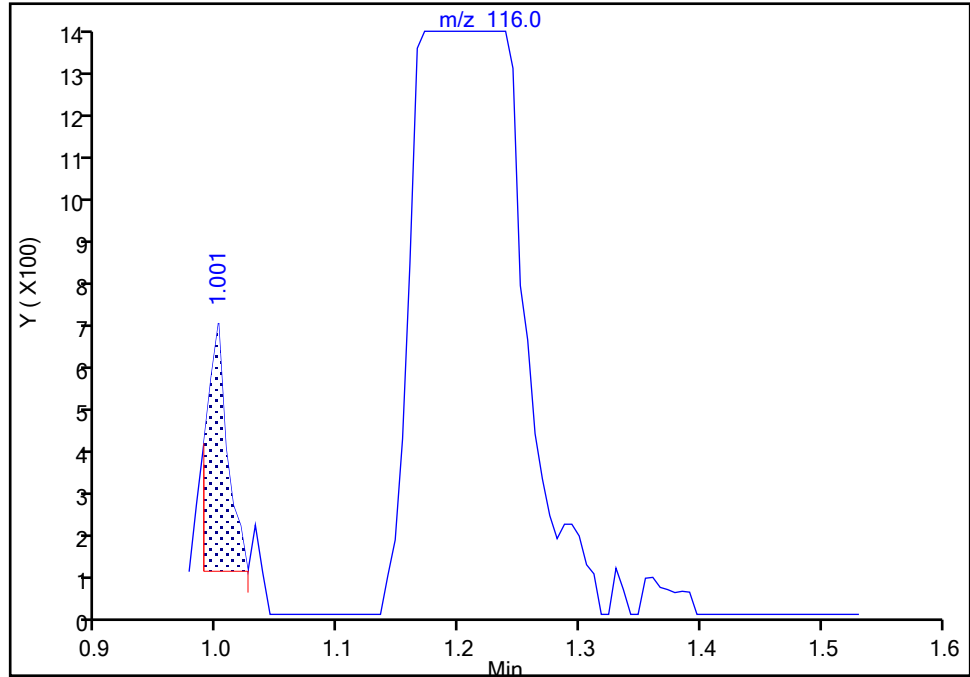
Detector: MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

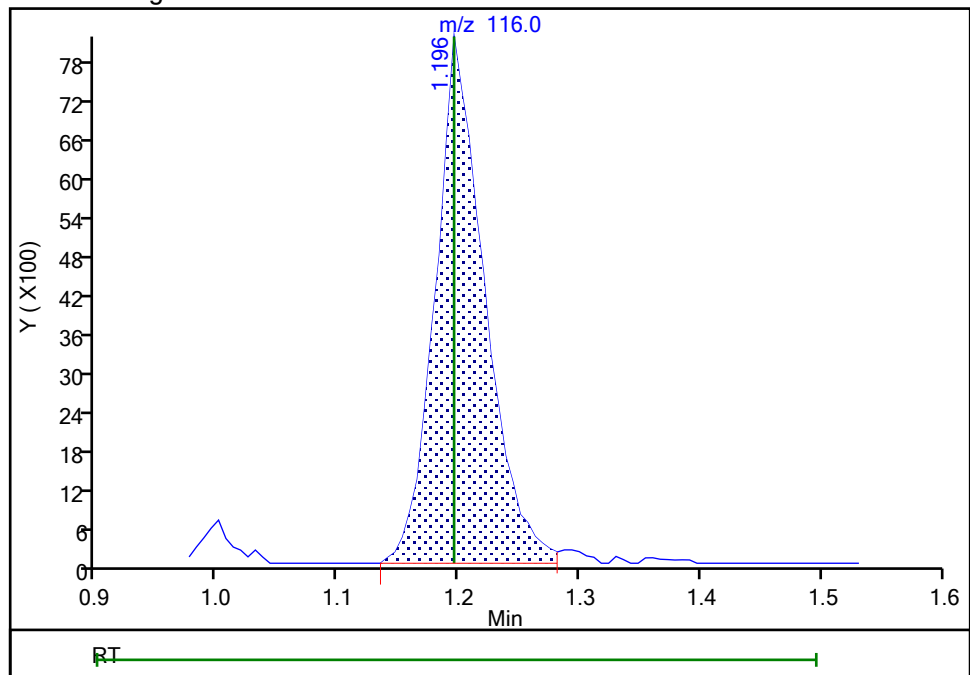
RT: 1.00
Area: 677
Amount: 0.423131
Amount Units: ug/l

Processing Integration Results



RT: 1.20
Area: 23205
Amount: 14.503325
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 07:50:47

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D

Injection Date: 18-Sep-2021 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

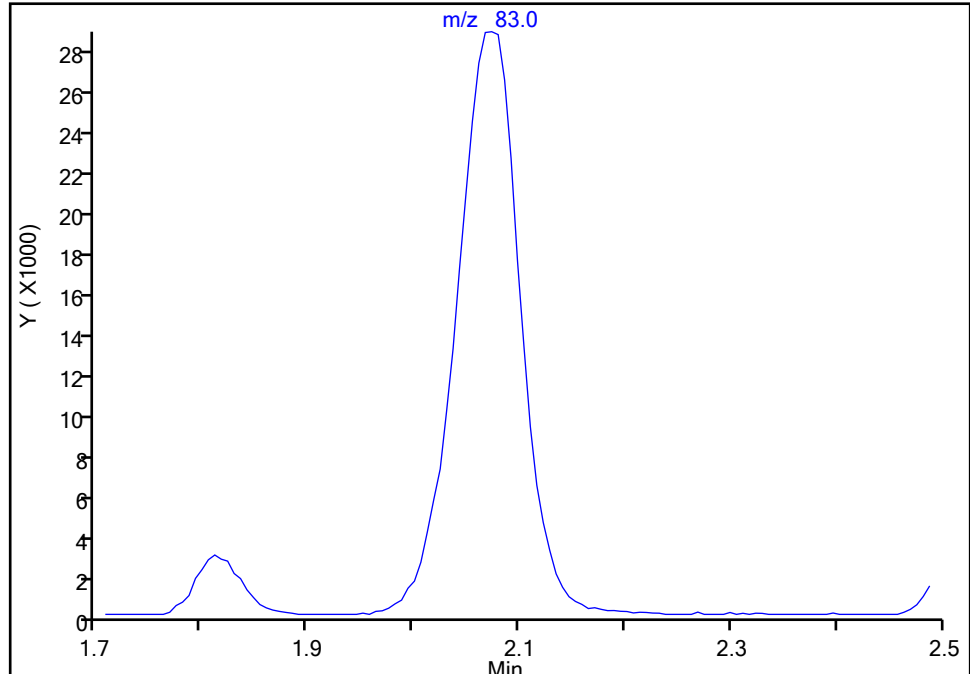
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

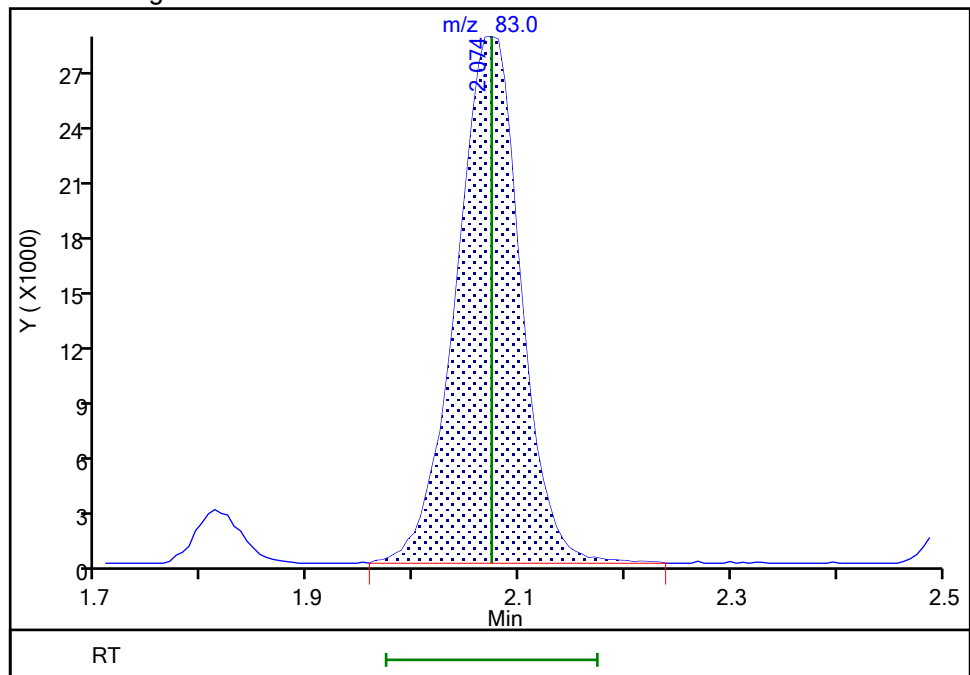
Expected RT: 2.07

Processing Integration Results



RT: 2.07
Area: 122691
Amount: 19.293794
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 07:50:55

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D

Injection Date: 18-Sep-2021 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

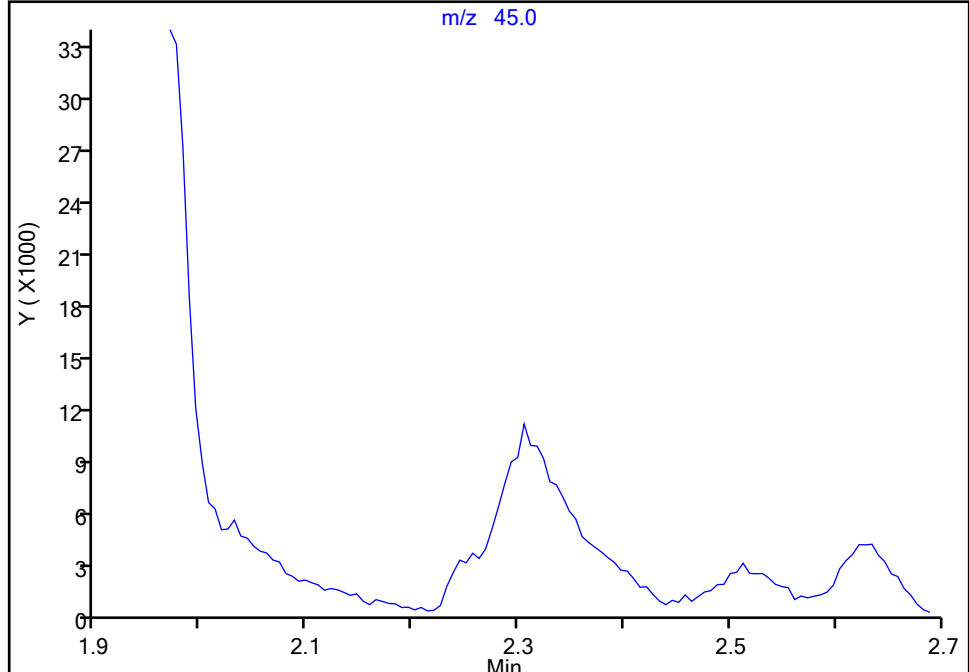
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

Not Detected

Expected RT: 2.31

Processing Integration Results



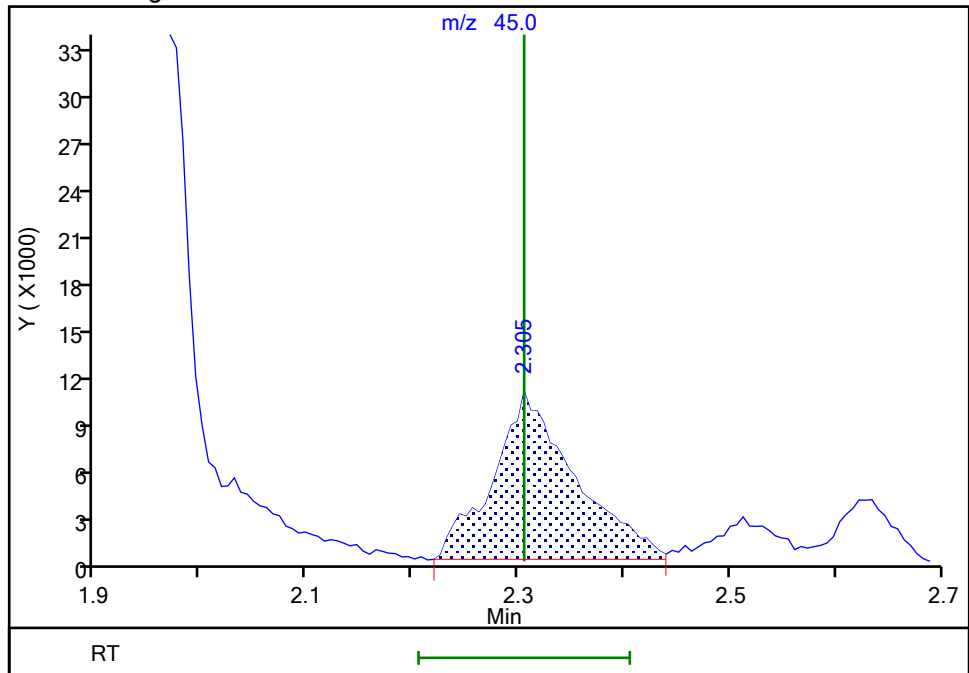
RT: 2.31

Area: 56101

Amount: 246.1330

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 07:51:04

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D

Injection Date: 18-Sep-2021 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

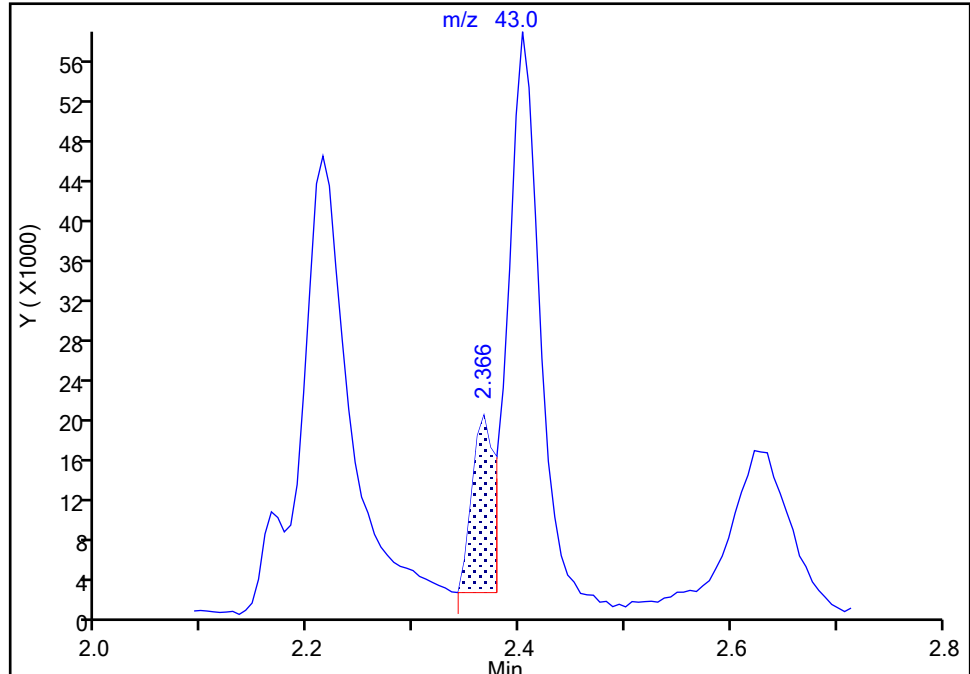
Detector: MS Quad

27 Methyl acetate, CAS: 79-20-9

Signal: 1

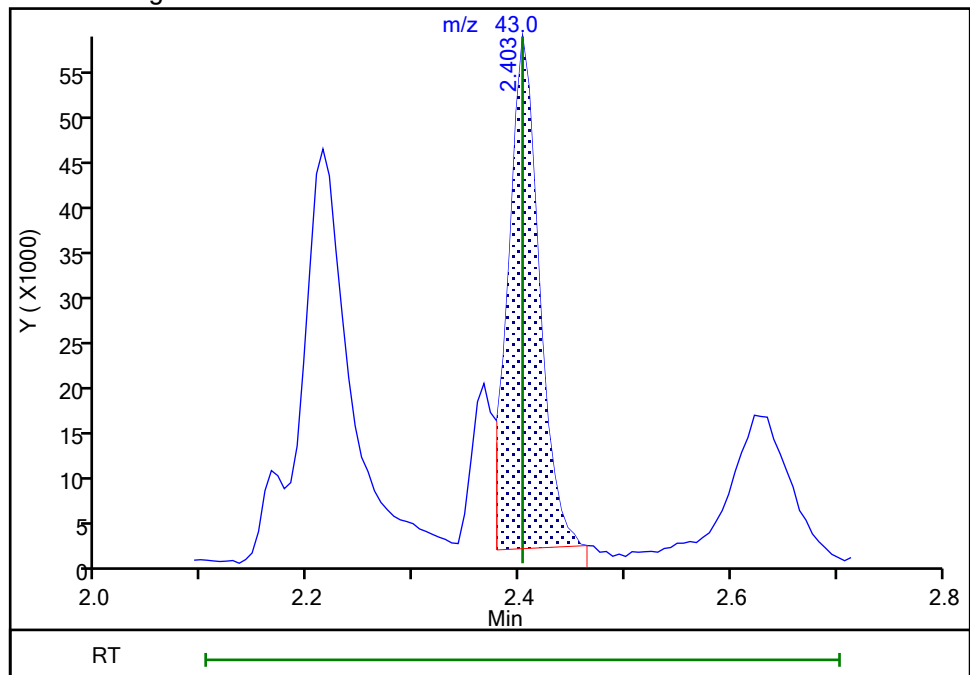
RT: 2.37
Area: 27055
Amount: 8.777775
Amount Units: ug/l

Processing Integration Results



RT: 2.40
Area: 115411
Amount: 37.444162
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 07:51:08

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D

Injection Date: 18-Sep-2021 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

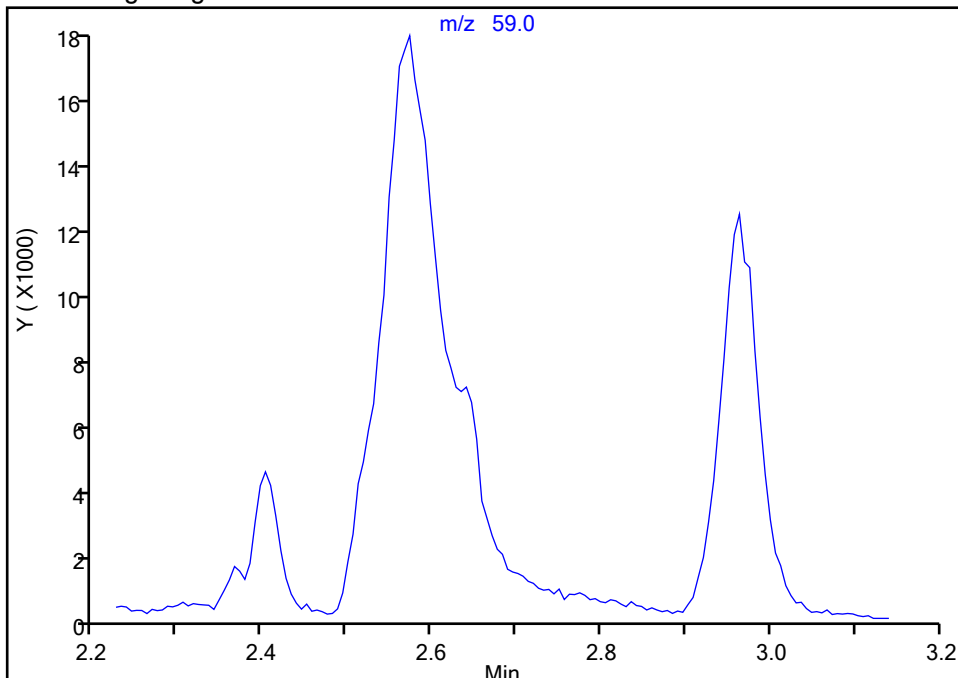
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

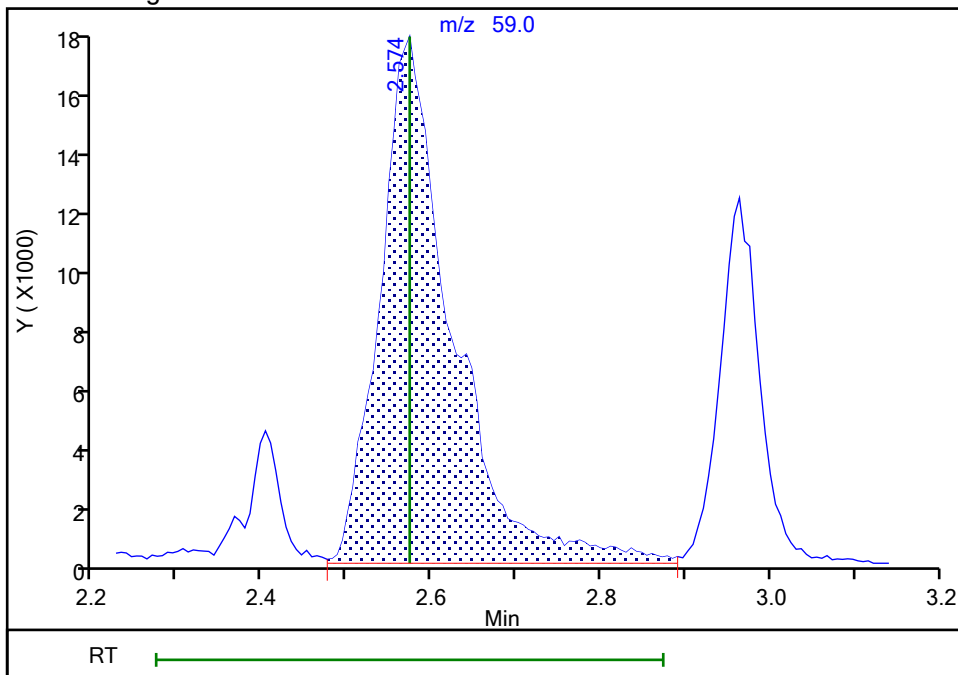
Not Detected

Expected RT: 2.57

Processing Integration Results



Manual Integration Results



Reviewer: desais, 18-Sep-2021 07:51:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D

Injection Date: 18-Sep-2021 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

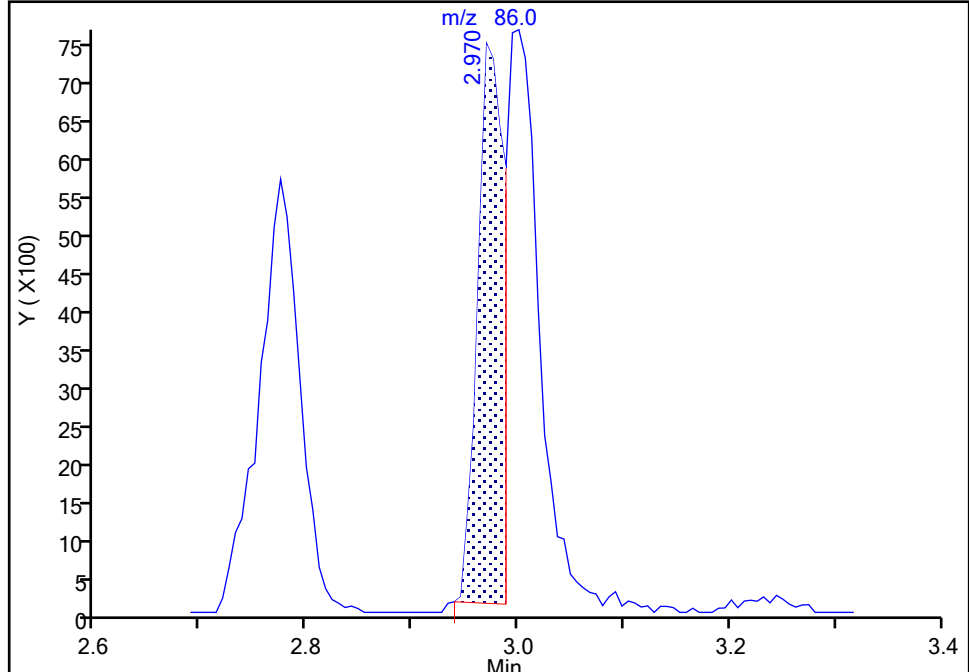
MS Quad

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

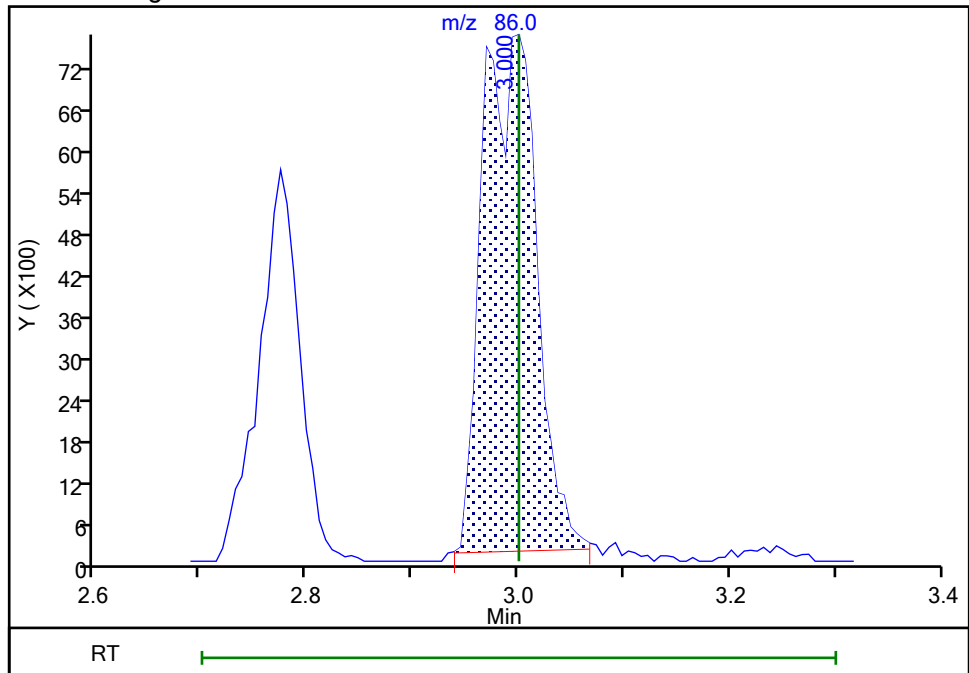
RT: 2.97
Area: 12804
Amount: 25.610944
Amount Units: ug/l

Processing Integration Results



RT: 3.00
Area: 26692
Amount: 53.390136
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 07:51:34

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D

Injection Date: 18-Sep-2021 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

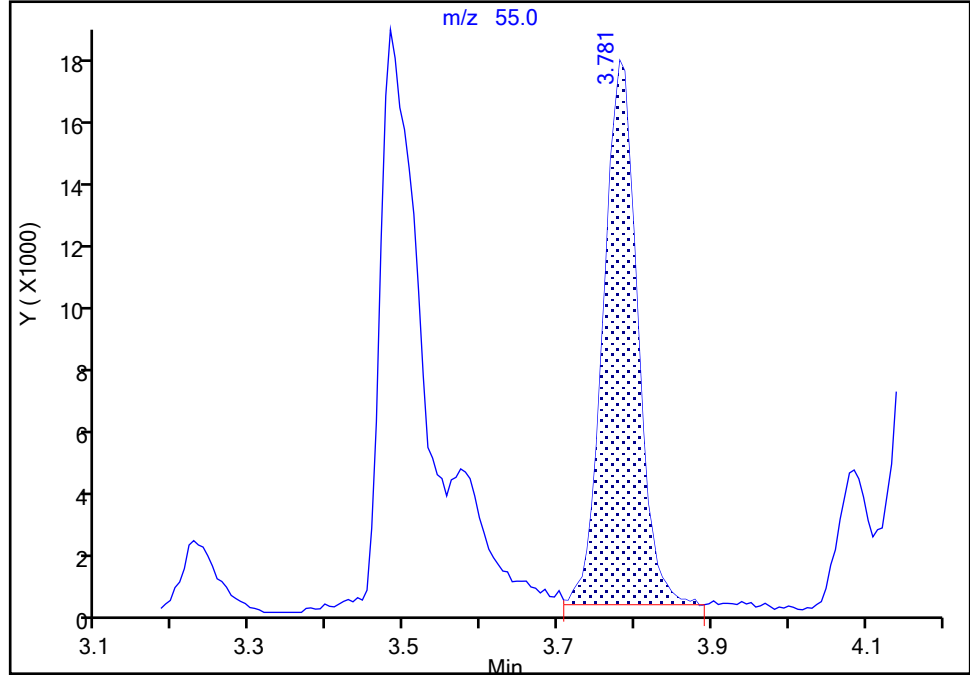
MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

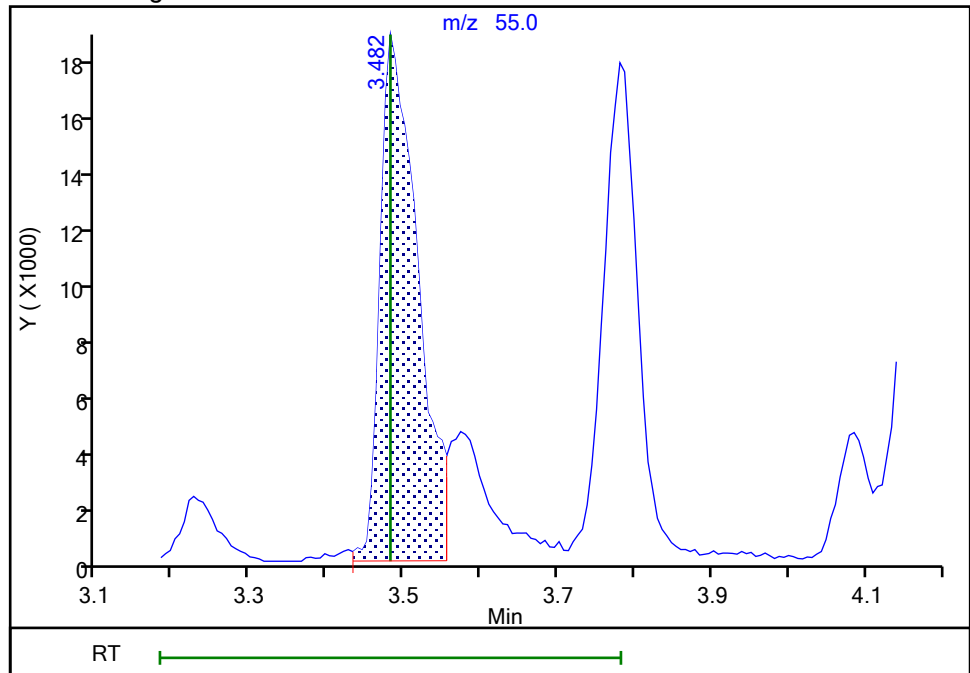
RT: 3.78
Area: 54381
Amount: 16.528446
Amount Units: ug/l

Processing Integration Results



RT: 3.48
Area: 64961
Amount: 19.744108
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 19-Sep-2021 12:57:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D

Injection Date: 18-Sep-2021 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

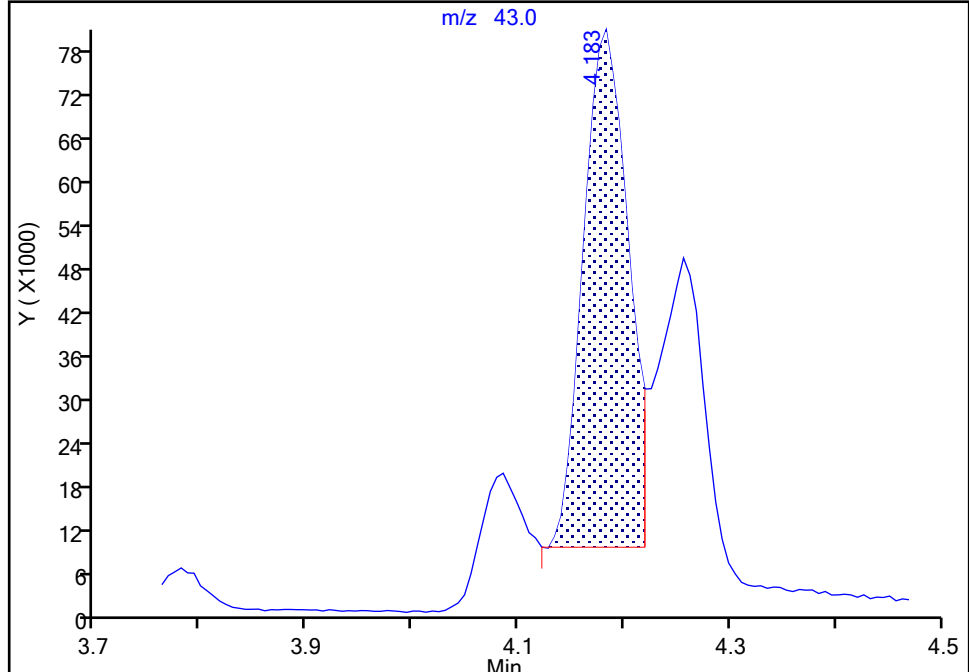
Detector: MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

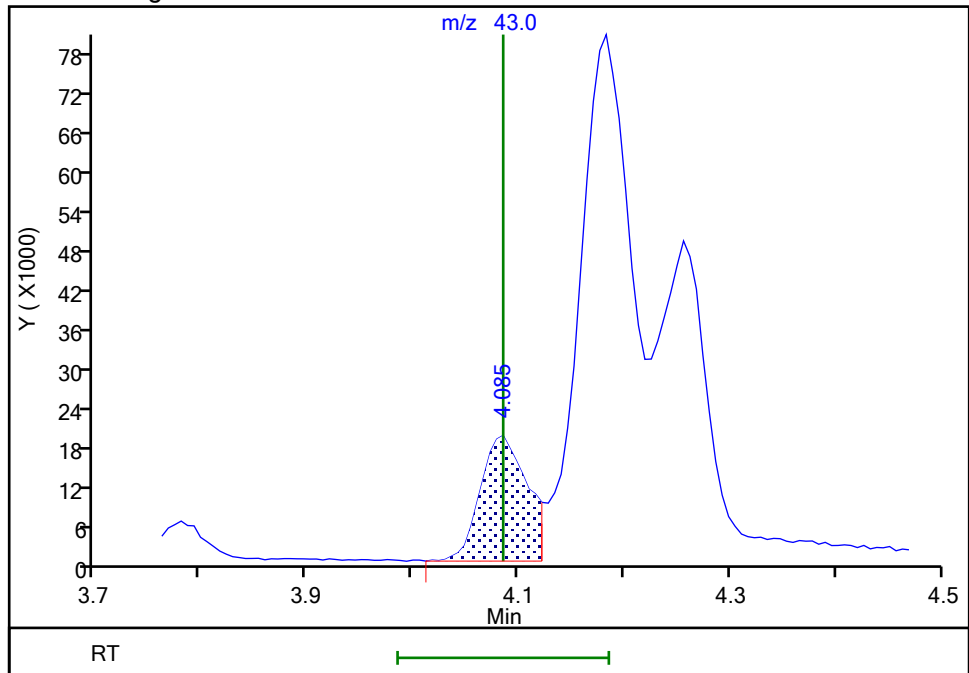
RT: 4.18
Area: 212781
Amount: 1416.7994
Amount Units: ug/l

Processing Integration Results



RT: 4.09
Area: 59807
Amount: 398.2241
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 07:51:43

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D

Injection Date: 18-Sep-2021 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

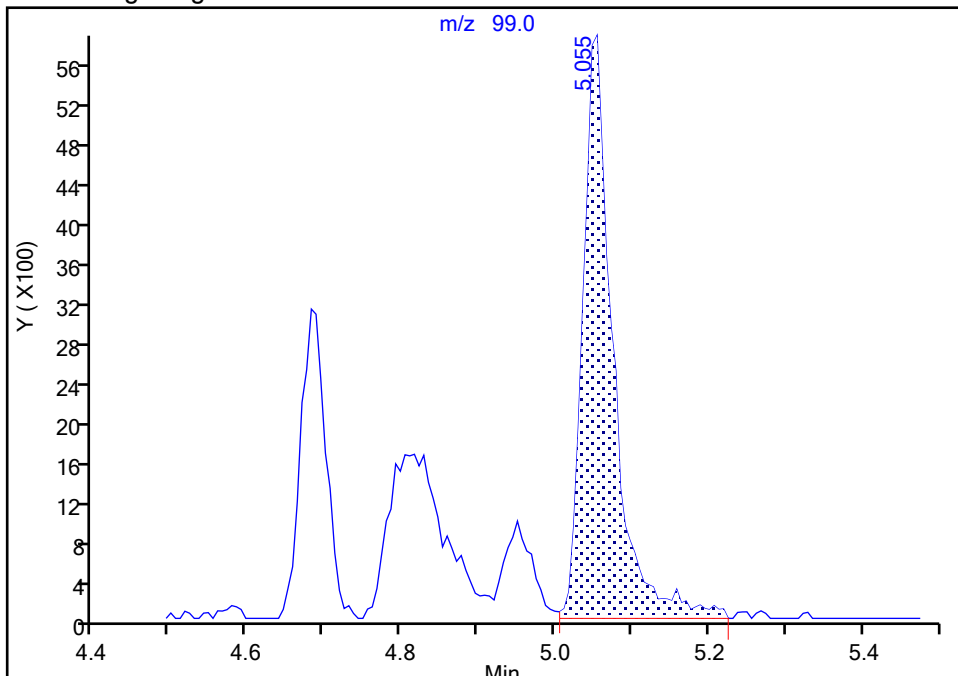
MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

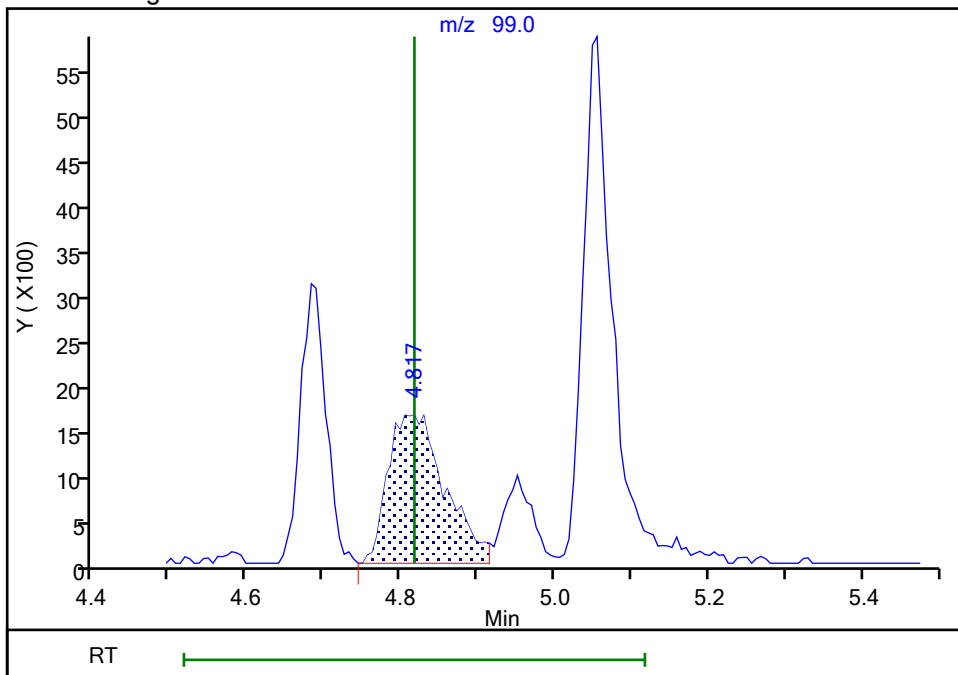
RT: 5.05
Area: 16059
Amount: 35.261919
Amount Units: ug/l

Processing Integration Results



RT: 4.82
Area: 8535
Amount: 19.124211
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 07:51:51

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D

Injection Date: 18-Sep-2021 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

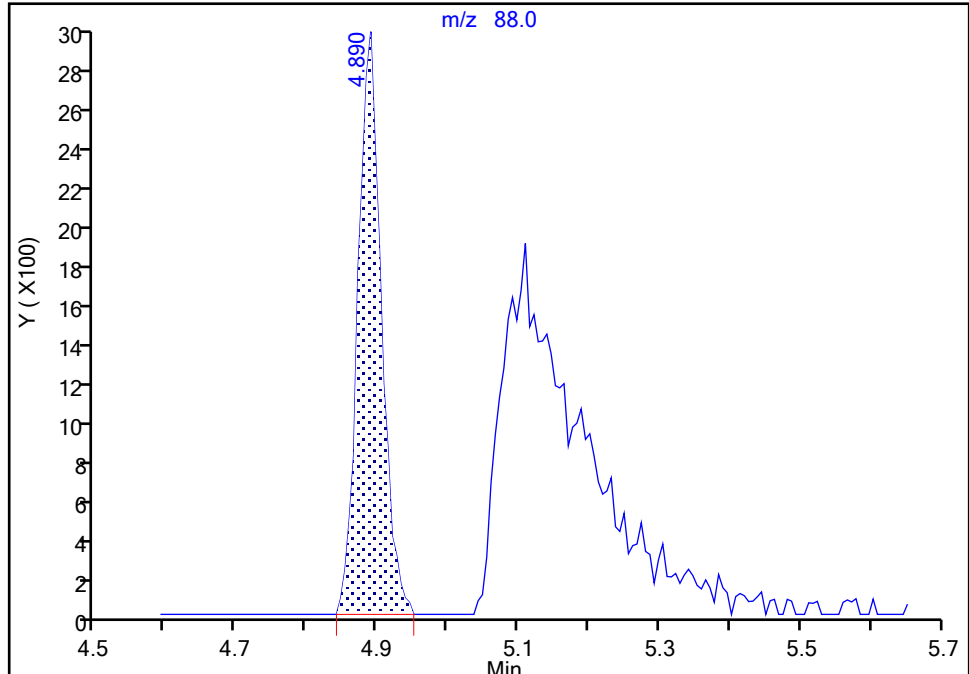
Detector: MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

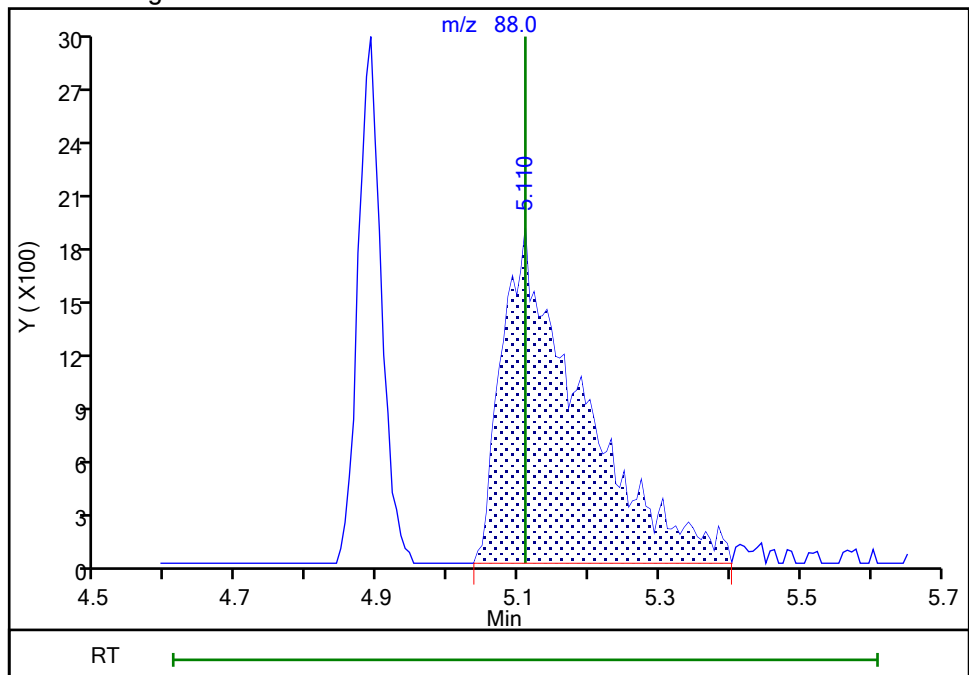
RT: 4.89
Area: 6654
Amount: 231.9193
Amount Units: ug/l

Processing Integration Results



RT: 5.11
Area: 14481
Amount: 504.7224
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 19-Sep-2021 12:58:08

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D

Injection Date: 18-Sep-2021 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

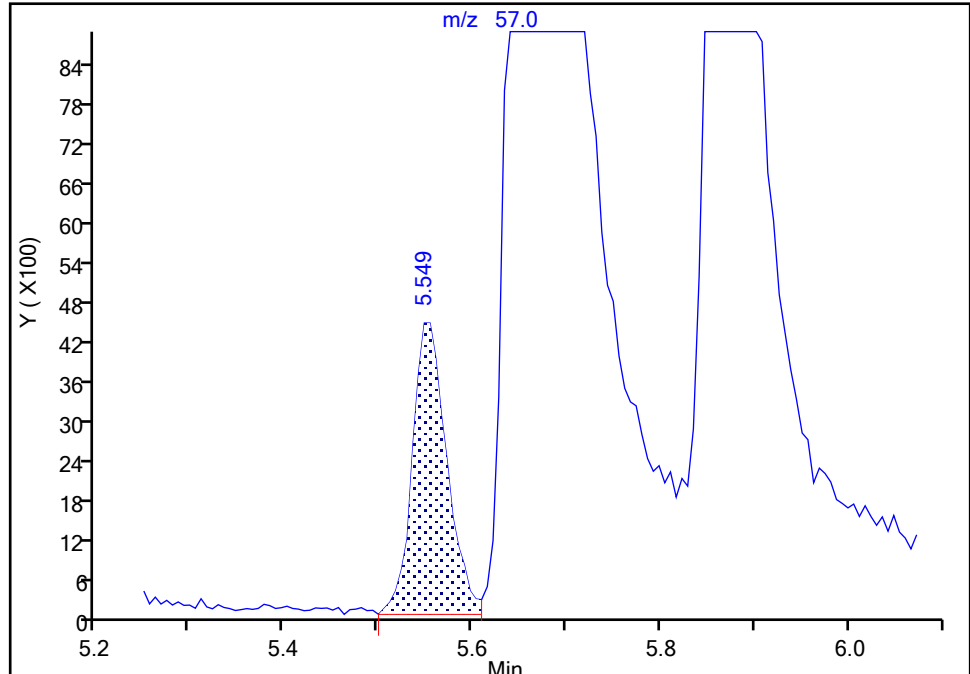
Detector: MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

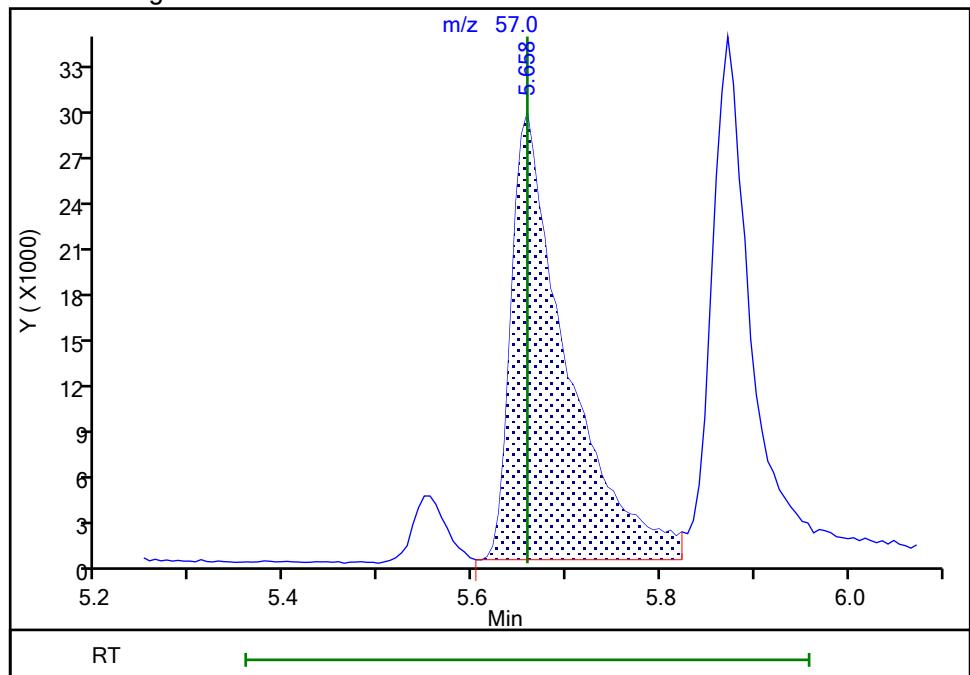
RT: 5.55
Area: 11279
Amount: 31.799542
Amount Units: ug/l

Processing Integration Results



RT: 5.66
Area: 120837
Amount: 340.8632
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 19-Sep-2021 12:57:55

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D

Injection Date: 18-Sep-2021 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

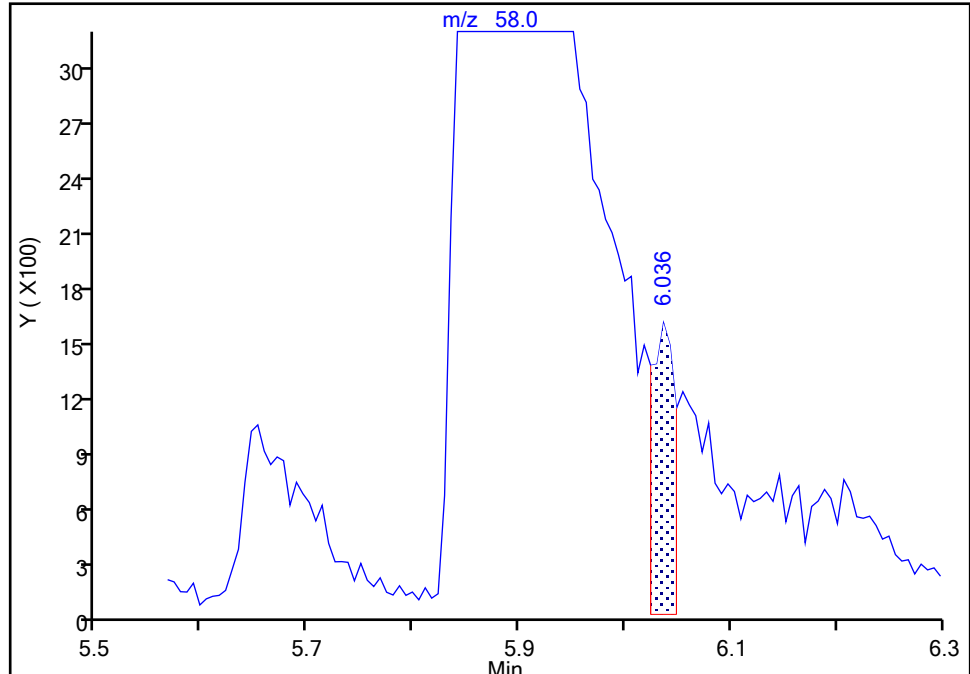
MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

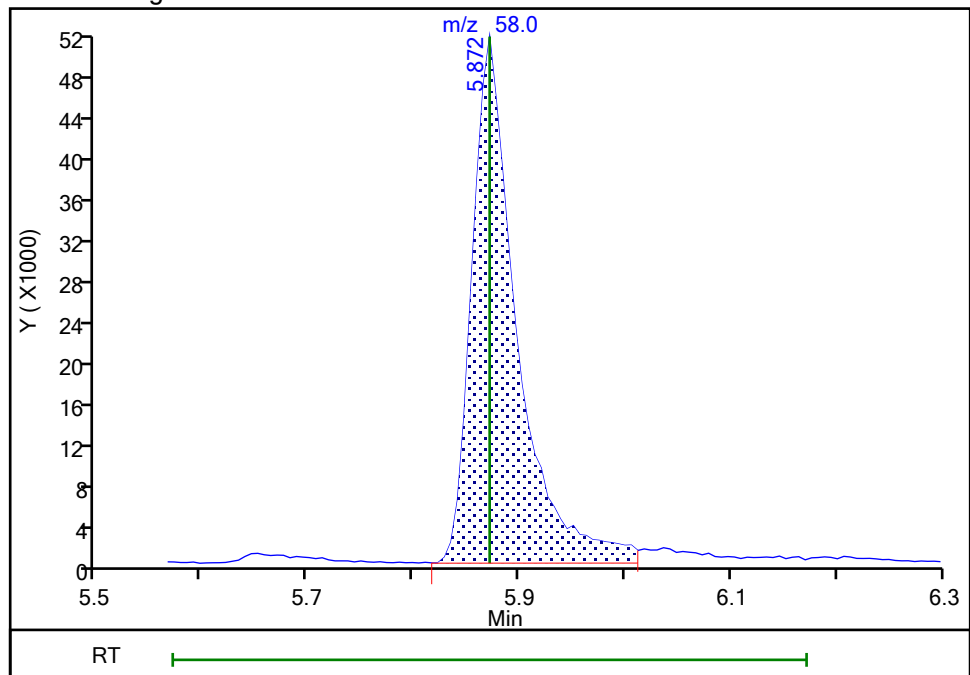
RT: 6.04
Area: 2509
Amount: 1.519488
Amount Units: ug/l

Processing Integration Results



RT: 5.87
Area: 153343
Amount: 92.866848
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 07:53:30

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44555.D

Injection Date: 18-Sep-2021 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

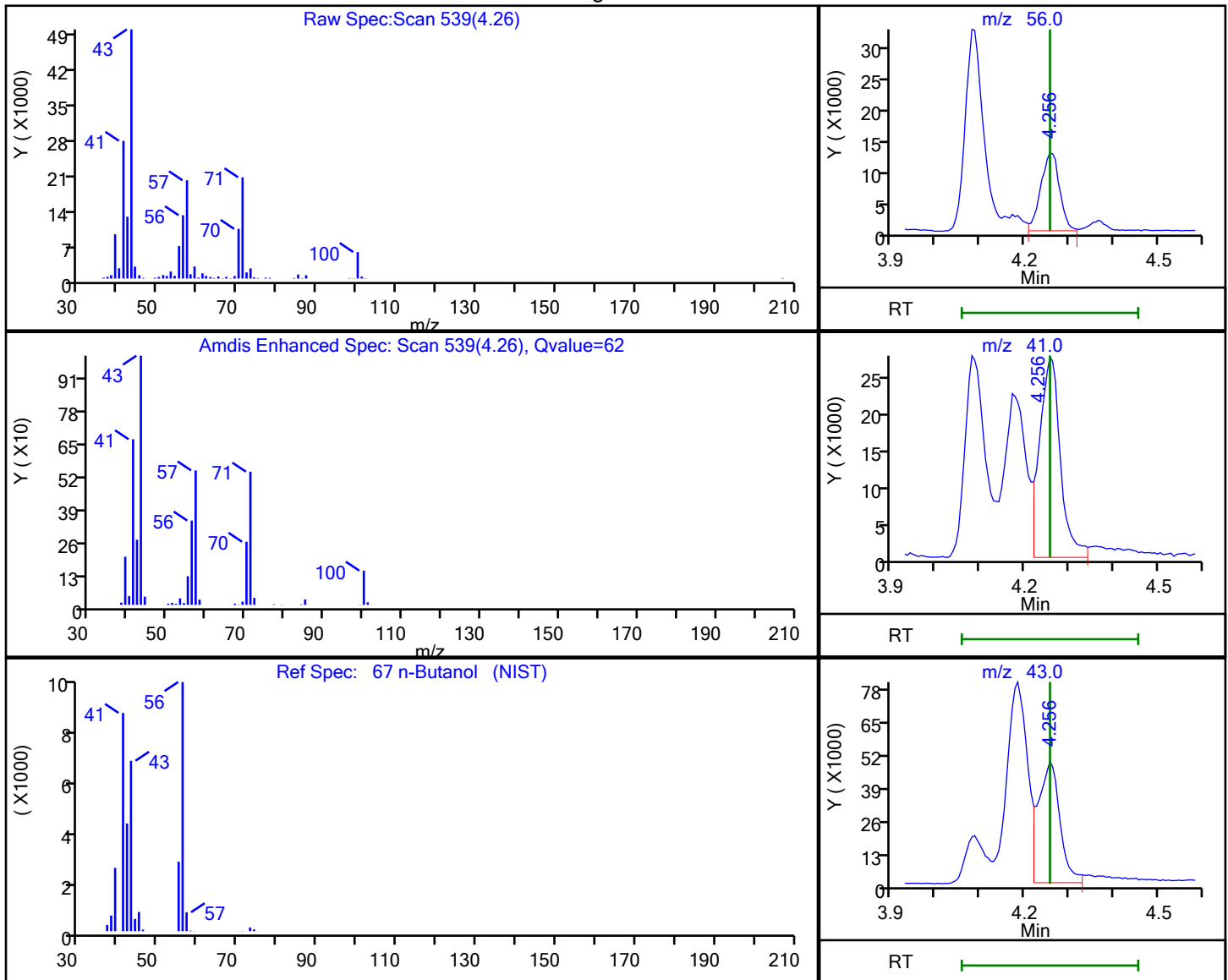
Column: DB-624 (0.18 mm)

Detector

MS Quad

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.26	56.00	36953	1110.2662
4.26	41.00	86704	
4.26	43.00	166411	

Reviewer: xuyvo, 19-Sep-2021 13:02:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44002.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 10-Sep-2021 06:48:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0134348-001
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 10-Sep-2021 19:46:29 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: desais

Date: 10-Sep-2021 07:02:26

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

\$ 141 BFB	95	2.758	2.758	0.000	83	152235	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00030

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44002.D

Injection Date: 10-Sep-2021 06:48:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

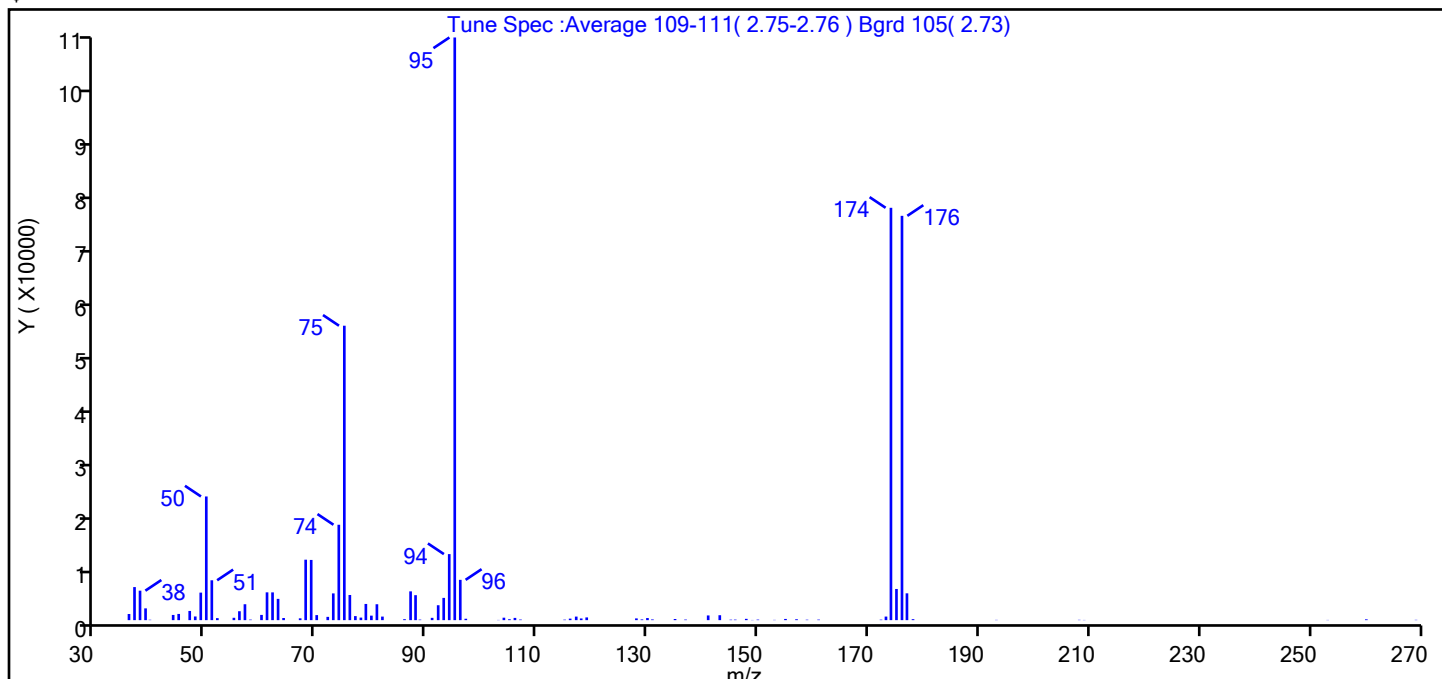
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Tune Method: BFB Method 8260

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.2
75	30 to 60% of m/z 95	50.5
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.6 (0.9)
174	50 to 120% of m/z 95	70.8
175	5 to 9% of m/z 174	5.3 (7.6)
176	Greater than 95% but less than 101% of m/z 174	69.4 (98.1)
177	5 to 9% of m/z 176	4.6 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44002.D\8260W_17.rslt\spectra.d
Injection Date: 10-Sep-2021 06:48:30
Spectrum: Tune Spec :Average 109-111(2.75-2.76) Bgrd 105(2.73)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 89

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1143	68.00	11250	96.00	7500	149.00	34
37.00	6152	69.00	11204	97.00	259	150.00	102
38.00	5483	70.00	938	103.00	40	153.00	49
39.00	2191	72.00	610	104.00	455	155.00	224
40.00	71	73.00	4978	105.00	170	157.00	166
44.00	968	74.00	17752	106.00	418	159.00	84
45.00	1155	75.00	54792	107.00	110	161.00	101
47.00	1710	76.00	4681	115.00	91	172.00	92
48.00	684	77.00	753	116.00	284	173.00	665
49.00	5122	78.00	474	117.00	660	174.00	76736
50.00	23016	79.00	3014	118.00	314	175.00	5800
51.00	7419	80.00	838	119.00	507	176.00	75240
52.00	375	81.00	2959	128.00	323	177.00	4990
55.00	439	82.00	662	129.00	133	178.00	178
56.00	1659	86.00	176	130.00	390	193.00	50
57.00	2960	87.00	5356	131.00	131	208.00	59
58.00	100	88.00	4647	135.00	212	209.00	37
60.00	973	89.00	98	137.00	108	253.00	40
61.00	5174	91.00	428	141.00	874	260.00	149
62.00	5165	92.00	2774	143.00	916	269.00	58
63.00	3959	93.00	4142	145.00	87		
64.00	399	94.00	12289	146.00	98		
67.00	338	95.00	108432	148.00	241		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44002.D

Injection Date: 10-Sep-2021 06:48:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

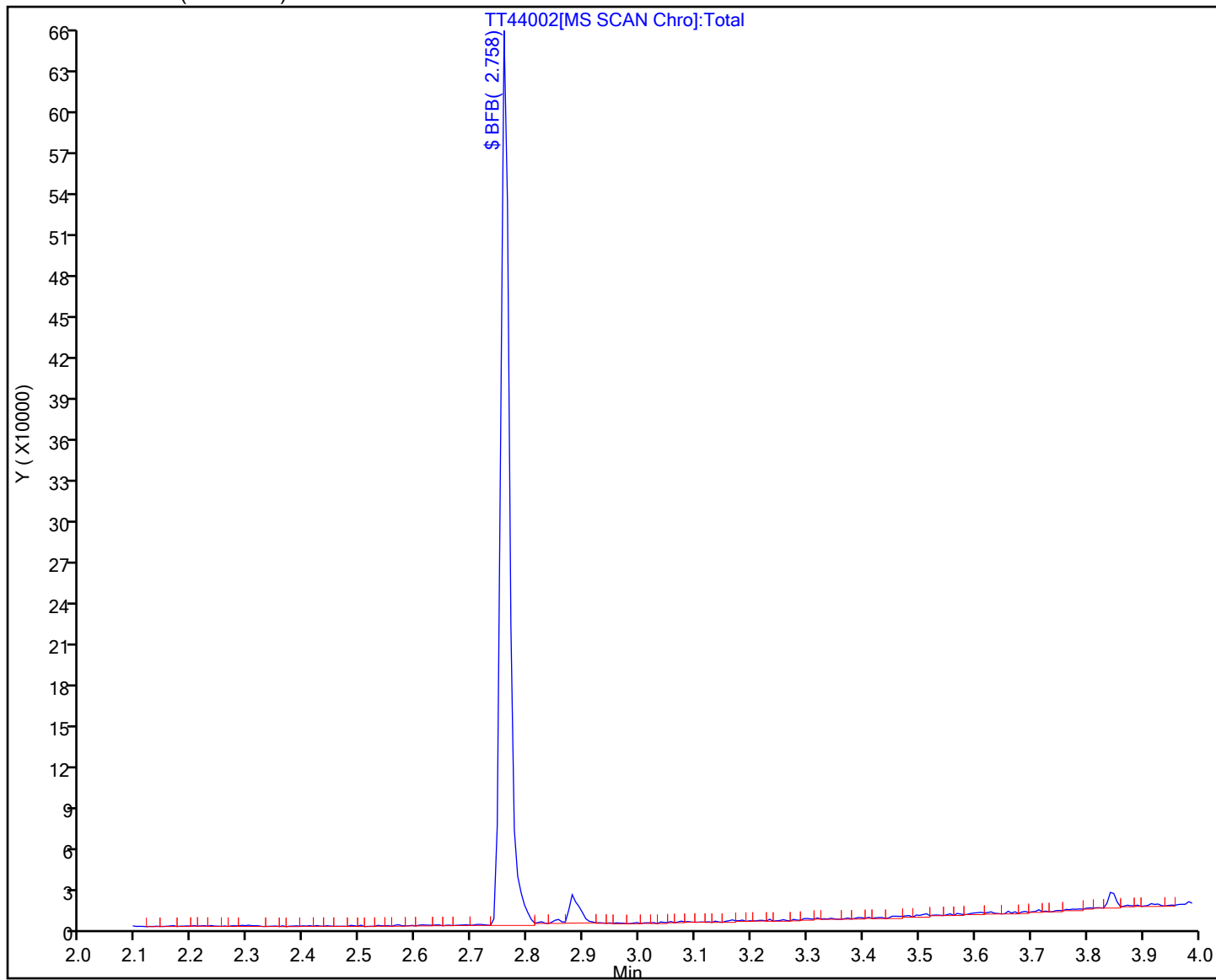
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-801985/9
 Matrix: Water Lab File ID: TT44560.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 09:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 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	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
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
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
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	0.33	U	1.0	0.33
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-801985/9
 Matrix: Water Lab File ID: TT44560.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 09:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-801985/9
Matrix: Water Lab File ID: TT44560.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 09:03
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 801985 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44560.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 18-Sep-2021 09:03:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0134688-009
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 18-Sep-2021 09:51:20 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1609

First Level Reviewer: desais

Date: 18-Sep-2021 09:50:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.513	2.519	-0.006	98	50366	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.390	3.409	-0.019	99	345391	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.811	0.006	95	153816	50.0	49.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	96	195122	50.0	49.9	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	562588	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.073	5.061	0.012	91	15411	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	500913	50.0	52.2	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	91	359557	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	131216	50.0	47.8	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	192525	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00048

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44560.D

Injection Date: 18-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

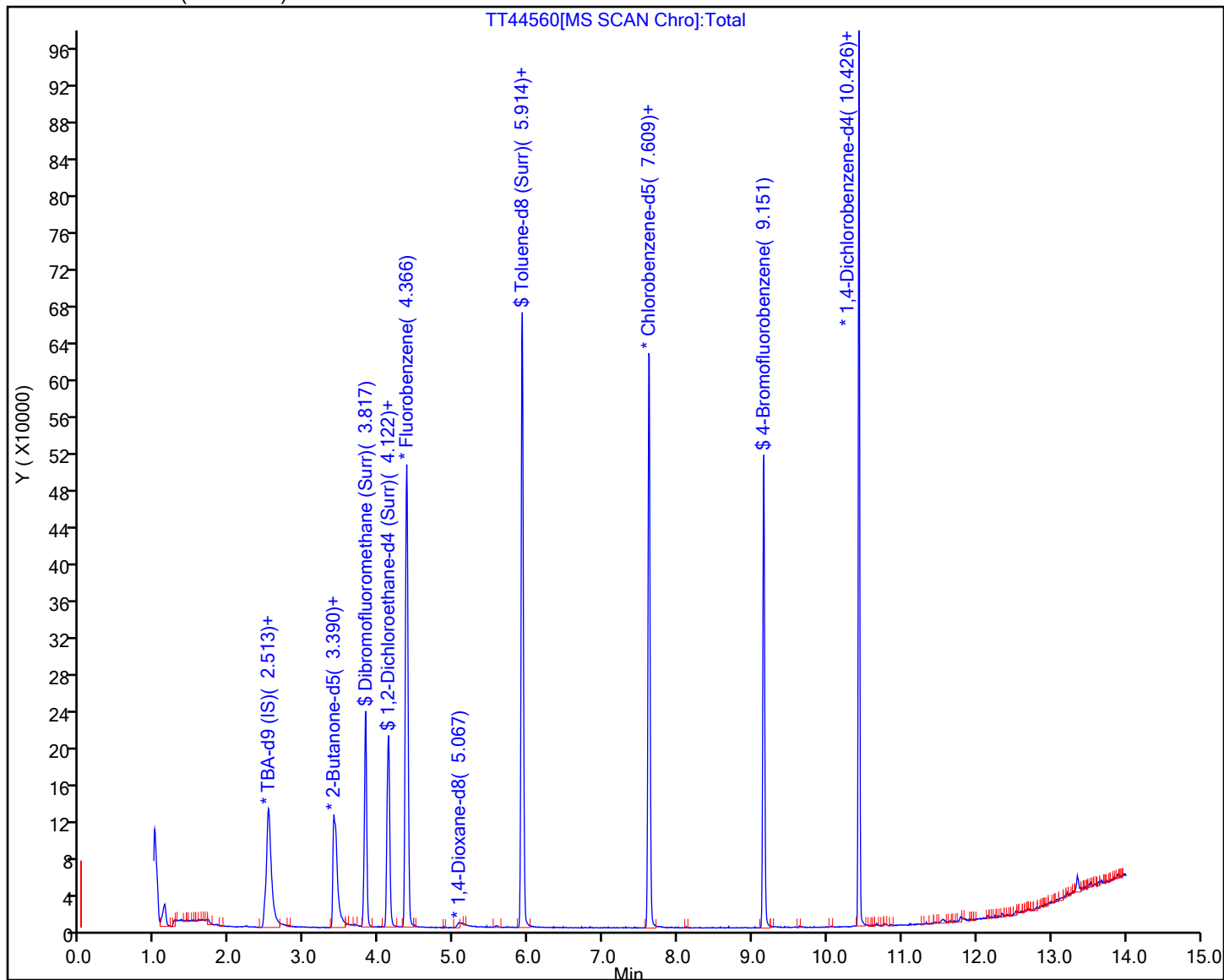
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44560.D

Injection Date: 18-Sep-2021 09:03:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

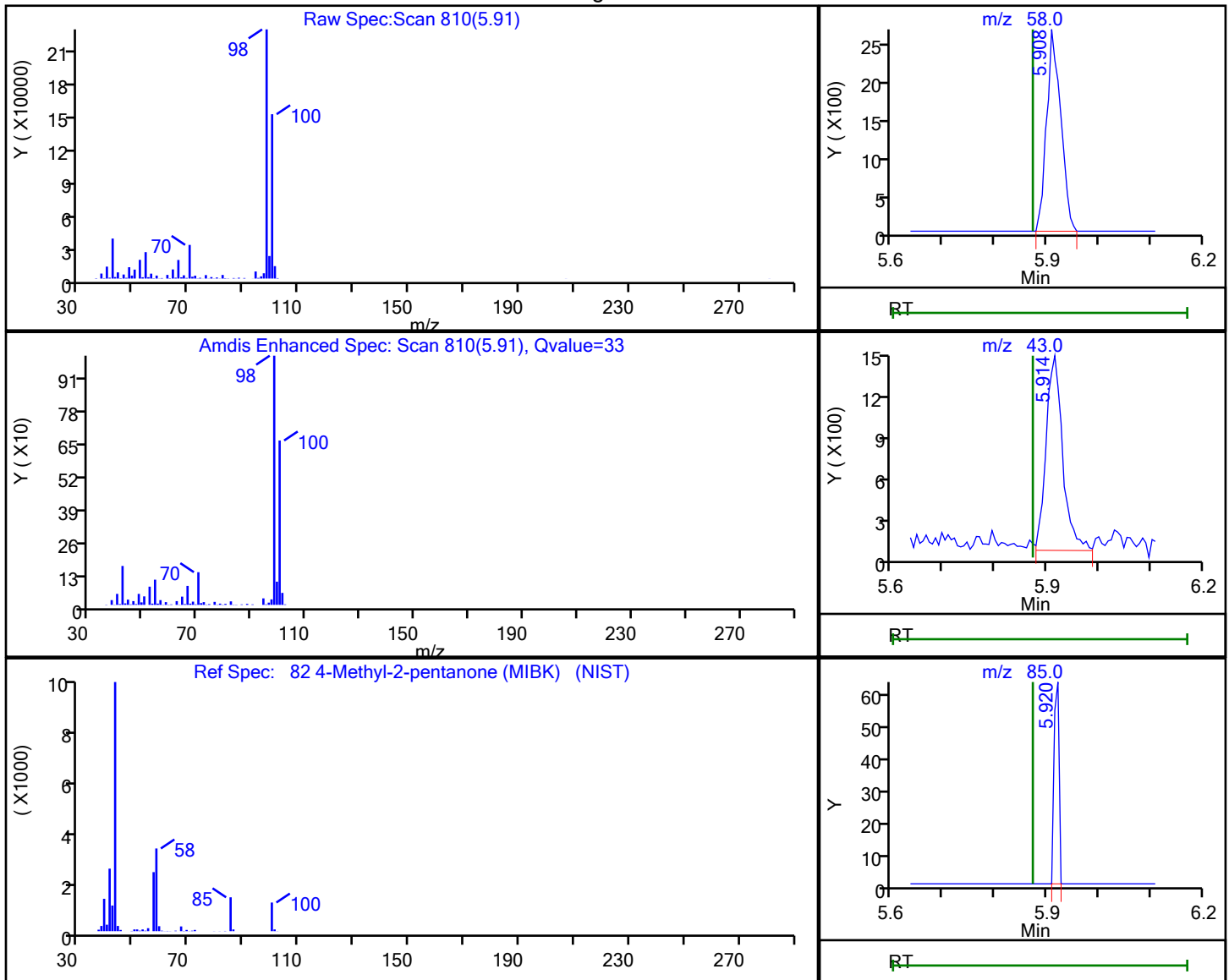
Column: DB-624 (0.18 mm)

Detector

MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.91	58.00	5130	2.924584
5.91	43.00	3206	
5.92	85.00	44	
5.91	100.00	325247	

Reviewer: desais, 18-Sep-2021 09:50:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-801985/5

Matrix: Water Lab File ID: TT44556.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 07:41

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16.4		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.3		1.0	0.20
75-34-3	1,1-Dichloroethane	20.4		1.0	0.26
75-35-4	1,1-Dichloroethene	19.4		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	18.5		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	18.1		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	20.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.21
107-06-2	1,2-Dichloroethane	19.0		1.0	0.43
78-87-5	1,2-Dichloropropane	19.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.6		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.3		1.0	0.33
123-91-1	1,4-Dioxane	445		50	28
78-93-3	2-Butanone (MEK)	83.2		5.0	1.9
591-78-6	2-Hexanone	76.9		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	93.6		5.0	1.3
67-64-1	Acetone	88.5		5.0	4.4
71-43-2	Benzene	19.2		1.0	0.20
75-25-2	Bromoform	23.8		1.0	0.54
74-83-9	Bromomethane	20.9		1.0	0.55
75-15-0	Carbon disulfide	19.7		1.0	0.82
56-23-5	Carbon tetrachloride	25.3		1.0	0.21
108-90-7	Chlorobenzene	18.6		1.0	0.38
74-97-5	Chlorobromomethane	18.5		1.0	0.41
124-48-1	Chlorodibromomethane	23.1		1.0	0.28
75-00-3	Chloroethane	25.6		1.0	0.32
67-66-3	Chloroform	20.2		1.0	0.33
74-87-3	Chloromethane	22.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.3		1.0	0.22
110-82-7	Cyclohexane	19.0		1.0	0.32
75-27-4	Dichlorobromomethane	20.2		1.0	0.34
75-71-8	Dichlorodifluoromethane	14.7		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-801985/5
 Matrix: Water Lab File ID: TT44556.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 07:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	19.8		1.0	0.30
106-93-4	Ethylene Dibromide	20.9		1.0	0.50
98-82-8	Isopropylbenzene	21.1		1.0	0.34
79-20-9	Methyl acetate	37.5		5.0	0.79
1634-04-4	Methyl tert-butyl ether	21.2		1.0	0.22
108-87-2	Methylcyclohexane	18.3		1.0	0.71
75-09-2	Methylene Chloride	19.6		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.9		1.0	0.30
95-47-6	o-Xylene	20.6		1.0	0.36
100-42-5	Styrene	20.2		1.0	0.42
127-18-4	Tetrachloroethene	17.9		1.0	0.25
108-88-3	Toluene	19.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	25.2		1.0	0.22
79-01-6	Trichloroethene	16.9		1.0	0.31
75-69-4	Trichlorofluoromethane	18.6		1.0	0.32
75-01-4	Vinyl chloride	21.8		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		75-123
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44556.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 18-Sep-2021 07:41:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0134688-005
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:02:47 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: desais

Date: 18-Sep-2021 08:36:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.129	1.135	-0.006	65	3781	20.0	9.54	
3 Chlorotrifluoroethene	116	1.196	1.196	0.000	96	21647	20.0	13.4	
2 1,1-Difluoroethane	65	1.208	1.214	-0.006	90	51809	20.0	17.0	
4 Dichlorodifluoromethane	85	1.214	1.220	-0.006	60	81466	20.0	14.7	
5 Chlorodifluoromethane	67	1.232	1.238	-0.006	98	18946	20.0	17.8	
6 Chloromethane	50	1.354	1.360	-0.006	98	142636	20.0	22.3	
8 Butadiene	54	1.415	1.415	0.000	92	101135	20.0	21.8	
7 Vinyl chloride	62	1.415	1.421	-0.006	98	118370	20.0	21.8	
9 Bromomethane	94	1.629	1.635	-0.006	98	66455	20.0	20.9	
10 Chloroethane	64	1.665	1.671	-0.006	100	63718	20.0	25.6	
11 Dichlorofluoromethane	67	1.805	1.811	-0.006	98	199087	20.0	21.2	
12 Trichlorofluoromethane	101	1.805	1.818	-0.013	66	113754	20.0	18.6	
13 Pentane	72	1.818	1.824	-0.006	98	23827	40.0	34.9	
15 Ethyl ether	74	1.970	1.970	0.000	93	51695	20.0	19.7	
14 Ethanol	46	1.982	1.982	0.000	75	21648	800.0	970.2	
16 2-Methyl-1,3-butadiene	53	1.982	1.988	-0.006	96	81591	20.0	20.1	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.025	2.025	0.000	91	69493	20.0	18.6	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.068	2.074	-0.006	92	123374	20.0	19.3	a
19 Acrolein	56	2.110	2.110	0.000	96	31716	40.6	43.0	
20 112TCTFE	101	2.129	2.135	-0.006	72	59661	20.0	16.4	a
21 1,1-Dichloroethene	96	2.135	2.141	-0.006	92	73829	20.0	19.4	
22 Acetone	43	2.208	2.214	-0.006	85	143585	100.0	88.5	
23 Iodomethane	142	2.257	2.263	-0.006	100	130634	20.0	19.2	
24 Carbon disulfide	76	2.281	2.287	-0.006	100	318395	20.0	19.7	
25 Isopropyl alcohol	45	2.299	2.305	-0.006	92	55717	200.0	241.3	a
26 3-Chloro-1-propene	76	2.385	2.391	-0.006	88	59473	20.0	19.4	
27 Methyl acetate	43	2.403	2.403	0.000	98	116327	40.0	37.5	
28 Cyclopentene	67	2.397	2.403	-0.006	94	209450	20.0	20.4	
29 Acetonitrile	41	2.458	2.452	0.006	98	121750	200.0	193.5	
30 Methylene Chloride	84	2.494	2.494	0.000	98	98058	20.0	19.6	
* 31 TBA-d9 (IS)	66	2.507	2.519	-0.013	98	39196	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.561	2.574	-0.013	91	100530	200.0	217.9	a
33 Methyl tert-butyl ether	73	2.628	2.628	0.000	98	252118	20.0	21.2	
34 trans-1,2-Dichloroethene	96	2.641	2.647	-0.006	96	84979	20.0	19.9	
35 Acrylonitrile	53	2.708	2.708	0.000	94	343162	200.0	200.1	
36 Hexane	57	2.775	2.775	0.000	94	102952	20.0	18.1	
37 Isopropyl ether	45	2.958	2.964	-0.006	94	355931	20.0	22.0	
38 1,1-Dichloroethane	63	2.976	2.976	0.000	99	179805	20.0	20.4	
39 Vinyl acetate	86	2.976	3.000	-0.024	100	25972	40.0	51.5	M
40 2-Chloro-1,3-butadiene	88	3.013	3.019	-0.007	94	74818	20.0	20.2	
41 Tert-butyl ethyl ether	59	3.232	3.232	0.000	87	299407	20.0	24.0	
* 42 2-Butanone-d5	46	3.390	3.409	-0.019	96	327970	250.0	250.0	
43 2,2-Dichloropropane	97	3.415	3.421	-0.006	95	26274	20.0	26.0	
44 cis-1,2-Dichloroethene	96	3.421	3.427	-0.006	91	91770	20.0	19.7	
45 2-Butanone (MEK)	72	3.439	3.439	0.000	94	37201	100.0	83.2	
46 Ethyl acetate	70	3.439	3.439	0.000	93	14731	40.0	40.9	
47 Methyl acrylate	55	3.482	3.482	0.000	98	61285	20.0	18.5	a
48 Propionitrile	54	3.573	3.579	-0.006	94	97352	200.0	176.5	a
49 Chlorobromomethane	128	3.622	3.622	0.000	91	41782	20.0	18.5	
50 Tetrahydrofuran	72	3.634	3.640	-0.006	49	20309	40.0	34.2	
51 Methacrylonitrile	67	3.634	3.653	-0.019	96	284221	200.0	185.8	
52 Chloroform	83	3.671	3.677	-0.006	98	148168	20.0	20.2	
53 Cyclohexane	84	3.781	3.781	0.000	97	105157	20.0	19.0	
54 1,1,1-Trichloroethane	97	3.799	3.799	0.000	96	120746	20.0	23.1	
\$ 55 Dibromofluoromethane (Surr)	113	3.811	3.811	0.000	95	135467	50.0	50.1	
56 Carbon tetrachloride	117	3.903	3.903	0.001	96	93372	20.0	25.3	
57 1,1-Dichloropropene	75	3.921	3.927	-0.006	93	103983	20.0	18.5	
59 Isooctane	57	4.079	4.085	-0.006	99	260411	20.0	18.3	
58 Isobutyl alcohol	43	4.085	4.085	0.000	42	57136	500.0	375.5	a
60 Benzene	78	4.098	4.104	-0.006	97	301614	20.0	19.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.116	4.122	-0.006	96	174803	50.0	51.9	
62 Tert-amyl methyl ether	73	4.177	4.177	0.000	93	275419	20.0	22.3	
64 1,2-Dichloroethane	62	4.177	4.183	-0.006	85	105858	20.0	19.0	
63 Isopropyl acetate	61	4.189	4.189	0.000	96	40847	20.0	21.1	
65 n-Heptane	100	4.256	4.256	0.000	98	14708	20.0	16.7	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	484763	50.0	50.0	
68 Trichloroethene	95	4.683	4.689	-0.006	95	67326	20.0	16.9	
69 Methylcyclohexane	83	4.799	4.799	0.000	94	115785	20.0	18.3	
70 Ethyl acrylate	99	4.811	4.817	-0.006	91	8176	20.0	18.2	
71 1,2-Dichloropropane	63	4.951	4.951	0.000	90	85423	20.0	19.5	
73 Methyl methacrylate	100	5.043	5.049	-0.006	94	27467	40.0	34.6	
* 72 1,4-Dioxane-d8	96	5.061	5.061	0.000	44	20702	1000.0	1000.0	
74 Dibromomethane	93	5.067	5.067	0.000	93	43833	20.0	18.1	
75 1,4-Dioxane	88	5.110	5.110	0.000	28	13795	400.0	445.3	a
76 n-Propyl acetate	43	5.116	5.116	0.000	99	102164	20.0	18.6	
77 Dichlorobromomethane	83	5.213	5.219	-0.006	98	93392	20.0	20.2	
78 2-Nitropropane	41	5.543	5.542	0.000	81	33361	40.0	53.7	
79 2-Chloroethyl vinyl ether	63	5.549	5.555	-0.006	87	42432	20.0	19.5	
80 Epichlorohydrin	57	5.652	5.658	-0.006	100	121136	400.0	338.7	a
81 cis-1,3-Dichloropropene	75	5.683	5.689	-0.006	99	115058	20.0	21.3	
82 4-Methyl-2-pentanone (MIBK)	58	5.872	5.872	0.000	97	155974	100.0	93.6	a
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	459251	50.0	51.0	
84 Toluene	91	5.981	5.987	-0.006	93	285353	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.335	6.335	0.000	98	99672	20.0	25.2	
86 Ethyl methacrylate	69	6.396	6.396	0.000	93	88865	20.0	21.3	
87 1,1,2-Trichloroethane	83	6.530	6.530	0.000	94	54287	20.0	19.3	
88 Tetrachloroethene	166	6.555	6.561	-0.007	93	61068	20.0	17.9	
89 1,3-Dichloropropane	76	6.731	6.731	0.000	98	107105	20.0	19.2	
90 2-Hexanone	43	6.829	6.829	0.000	99	214595	100.0	76.9	
92 Chlorodibromomethane	129	6.945	6.945	0.000	98	61040	20.0	23.1	
91 n-Butyl acetate	43	6.957	6.963	-0.006	98	141992	20.0	25.7	
93 Ethylene Dibromide	107	7.079	7.079	0.000	99	56183	20.0	20.9	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	90	337362	50.0	50.0	
95 Chlorobenzene	112	7.646	7.646	0.000	91	175174	20.0	18.6	
96 Ethylbenzene	106	7.762	7.762	0.000	99	99693	20.0	19.8	
97 1,1,1,2-Tetrachloroethane	131	7.774	7.774	0.000	92	70130	20.0	25.7	
98 m-Xylene & p-Xylene	106	7.920	7.920	0.000	99	119966	20.0	19.9	
99 o-Xylene	106	8.426	8.426	0.000	93	128753	20.0	20.6	
101 Styrene	104	8.469	8.469	0.000	94	191018	20.0	20.2	
100 n-Butyl acrylate	73	8.469	8.469	0.000	95	54742	20.0	22.9	
102 Bromoform	173	8.713	8.713	0.000	94	38355	20.0	23.8	
103 Amyl acetate (mixed isomers)	43	8.780	8.780	0.000	88	135330	20.0	19.1	
104 Isopropylbenzene	105	8.902	8.902	0.000	97	349753	20.0	21.1	
\$ 105 4-Bromofluorobenzene	174	9.152	9.151	0.001	0	126365	50.0	49.1	
106 Bromobenzene	156	9.304	9.304	0.000	92	73482	20.0	18.4	
107 1,1,2,2-Tetrachloroethane	83	9.408	9.408	0.000	97	95119	20.0	19.8	
108 N-Propylbenzene	91	9.426	9.426	0.000	98	422731	20.0	20.8	
109 1,2,3-Trichloropropane	110	9.450	9.450	0.000	97	24112	20.0	19.7	
110 trans-1,4-Dichloro-2-butene	53	9.493	9.493	0.000	84	22822	20.0	20.5	
111 2-Chlorotoluene	91	9.536	9.536	0.000	96	273790	20.0	20.7	
112 4-Ethyltoluene	105	9.572	9.572	0.000	98	330476	20.0	20.9	
113 1,3,5-Trimethylbenzene	105	9.658	9.657	0.001	91	284533	20.0	20.6	
114 4-Chlorotoluene	91	9.676	9.676	0.000	99	275102	20.0	20.5	
115 Butyl Methacrylate	87	9.822	9.822	0.000	96	91814	20.0	22.3	
116 tert-Butylbenzene	119	9.987	9.987	0.000	91	204347	20.0	18.6	
117 1,2,4-Trimethylbenzene	105	10.060	10.060	0.000	99	296433	20.0	20.8	
118 sec-Butylbenzene	105	10.225	10.218	0.007	98	365221	20.0	20.3	
119 1,3-Dichlorobenzene	146	10.346	10.346	0.000	92	142047	20.0	18.6	
120 4-Isopropyltoluene	119	10.383	10.383	0.000	97	300333	20.0	20.5	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	179876	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.450	10.450	0.000	91	141127	20.0	18.3	
123 1,2,3-Trimethylbenzene	105	10.487	10.487	0.000	99	308156	20.0	20.5	
124 Benzyl chloride	91	10.609	10.609	0.000	97	137551	20.0	26.2	
125 2,3-Dihydroindene	117	10.663	10.663	0.000	94	279244	20.0	20.4	
126 p-Diethylbenzene	119	10.755	10.755	0.000	92	160085	20.0	20.5	
127 n-Butylbenzene	92	10.773	10.773	0.000	98	179757	20.0	21.3	
128 1,2-Dichlorobenzene	146	10.804	10.804	0.000	93	142882	20.0	19.4	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	96	290238	20.0	20.2	
130 1,2-Dibromo-3-Chloropropane	157	11.523	11.523	0.000	90	16299	20.0	20.3	
131 1,3,5-Trichlorobenzene	180	11.639	11.639	0.000	95	119116	20.0	18.6	
132 1,2,4-Trichlorobenzene	180	12.151	12.151	0.000	93	111153	20.0	18.1	
133 Hexachlorobutadiene	225	12.255	12.255	0.000	93	45428	20.0	17.1	
134 Naphthalene	128	12.346	12.346	0.000	98	277224	20.0	19.1	
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	94	108387	20.0	18.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	40.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	46.5	
S 140 Total BTEX	1				0		100.0	98.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00130	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00143	Amount Added: 20.00	Units: uL	
GASES Li_00439	Amount Added: 20.00	Units: uL	
524freon_00042	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00048	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44556.D

Injection Date: 18-Sep-2021 07:41:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

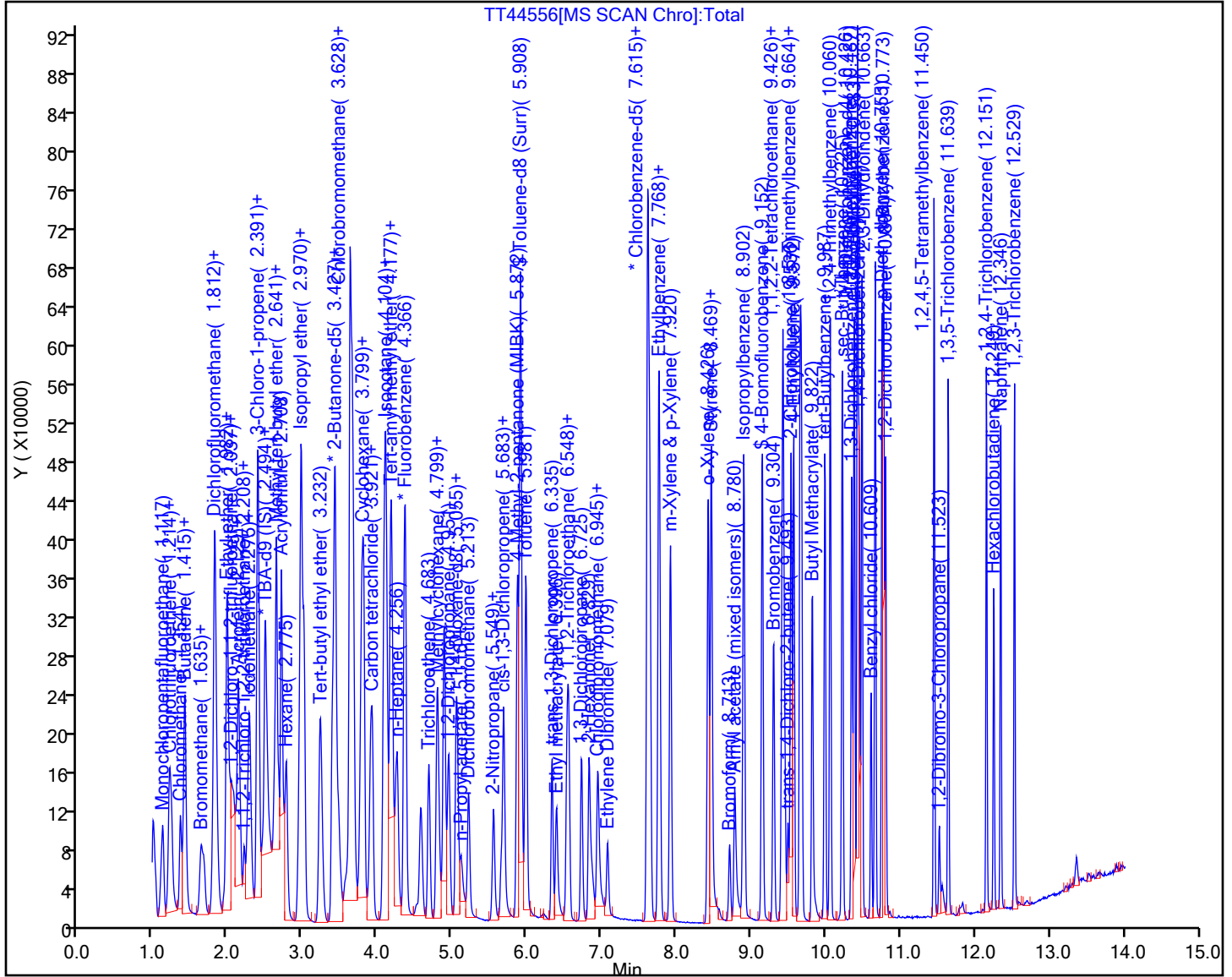
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44556.D

Injection Date: 18-Sep-2021 07:41:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

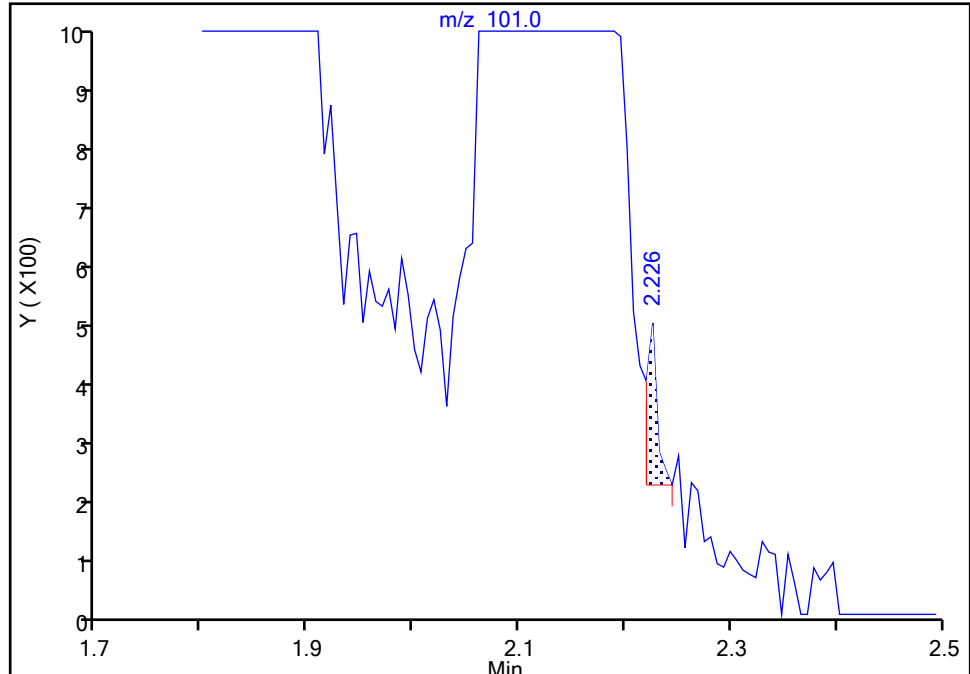
Detector: MS Quad

20 112TCTFE, CAS: 76-13-1

Signal: 1

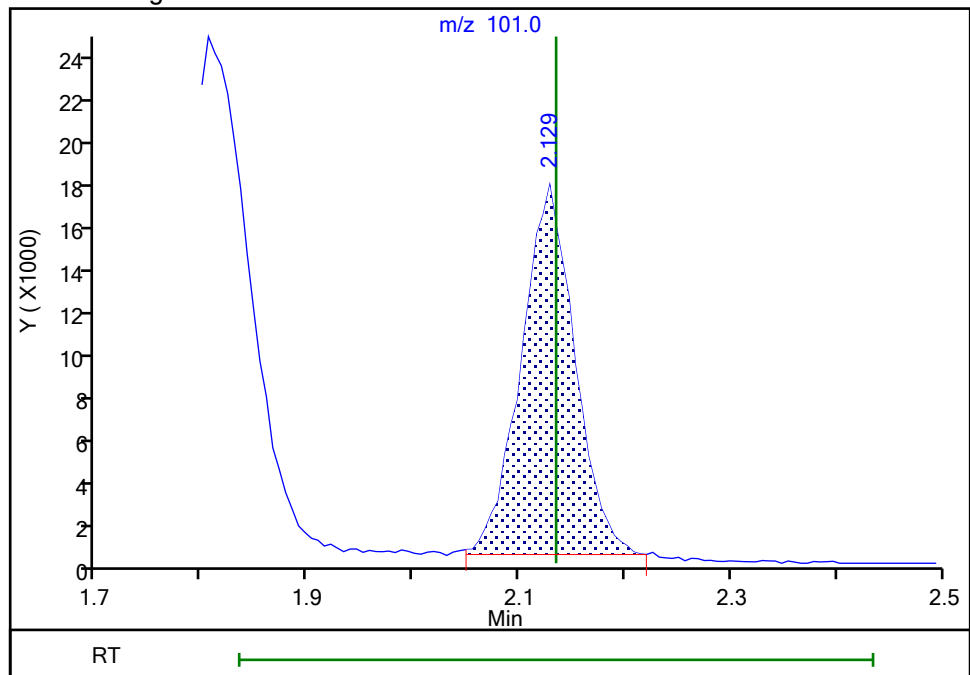
RT: 2.23
Area: 197
Amount: 0.054037
Amount Units: ug/l

Processing Integration Results



RT: 2.13
Area: 59661
Amount: 16.365026
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 09:43:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44556.D

Injection Date: 18-Sep-2021 07:41:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

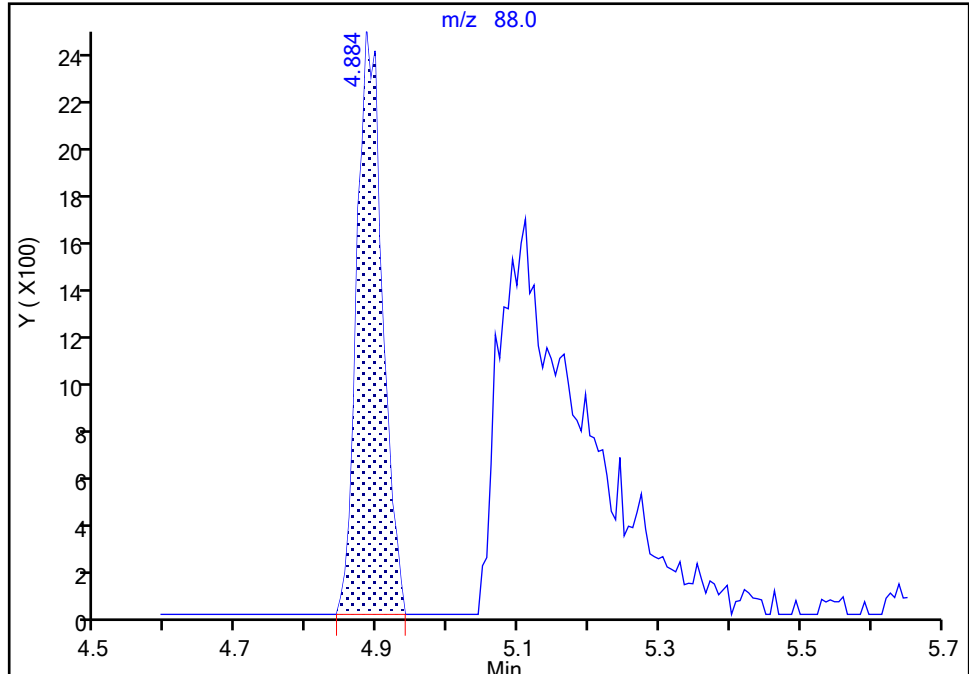
Detector: MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

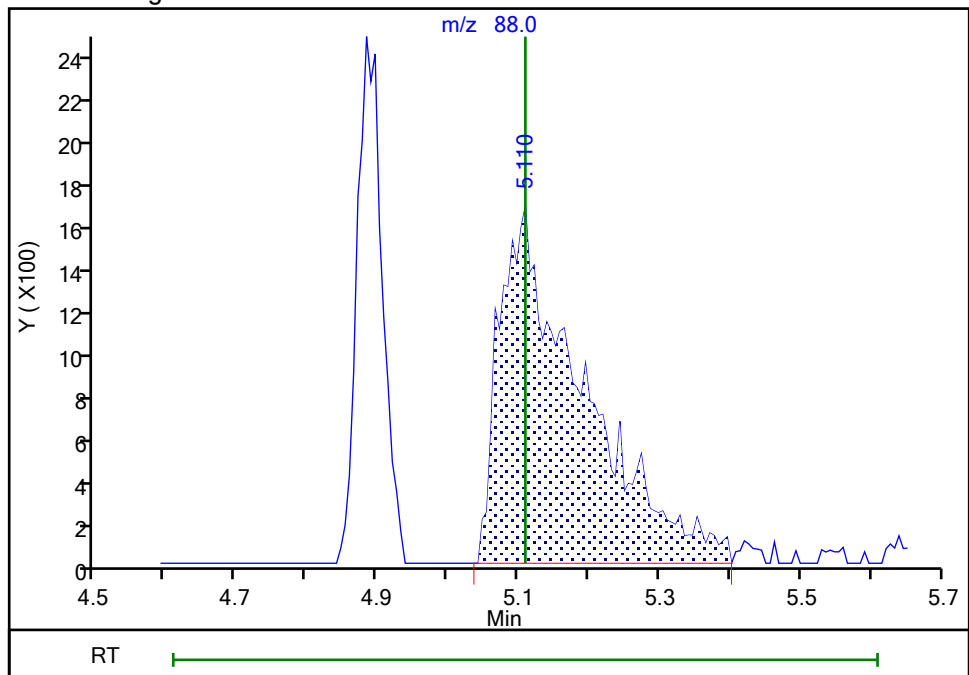
RT: 4.88
Area: 6245
Amount: 201.6088
Amount Units: ug/l

Processing Integration Results



RT: 5.11
Area: 13795
Amount: 445.3473
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 09:45:16

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44556.D

Injection Date: 18-Sep-2021 07:41:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

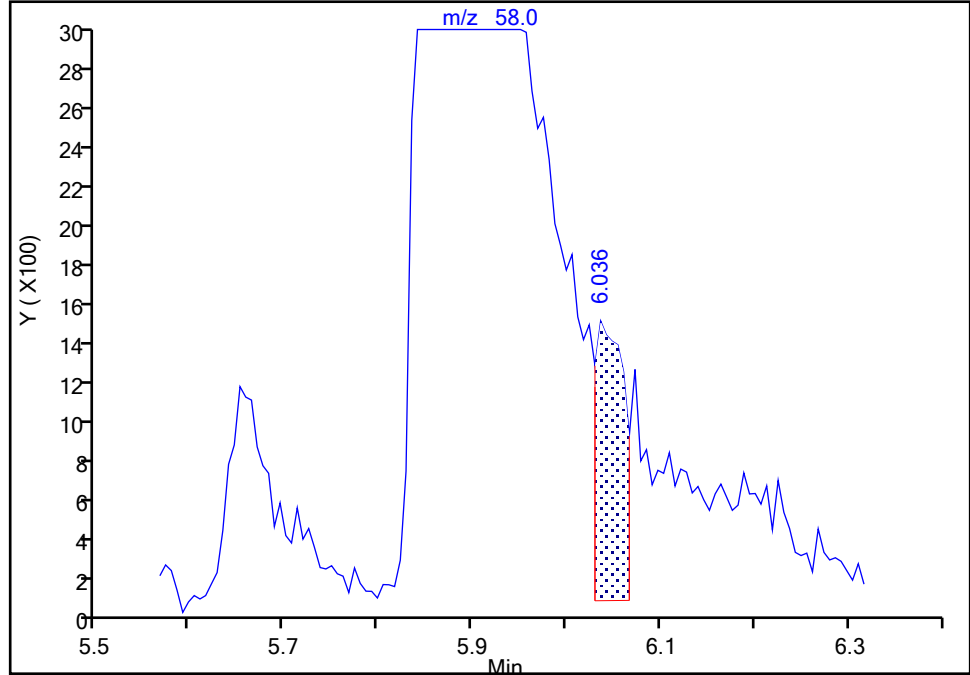
Detector: MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

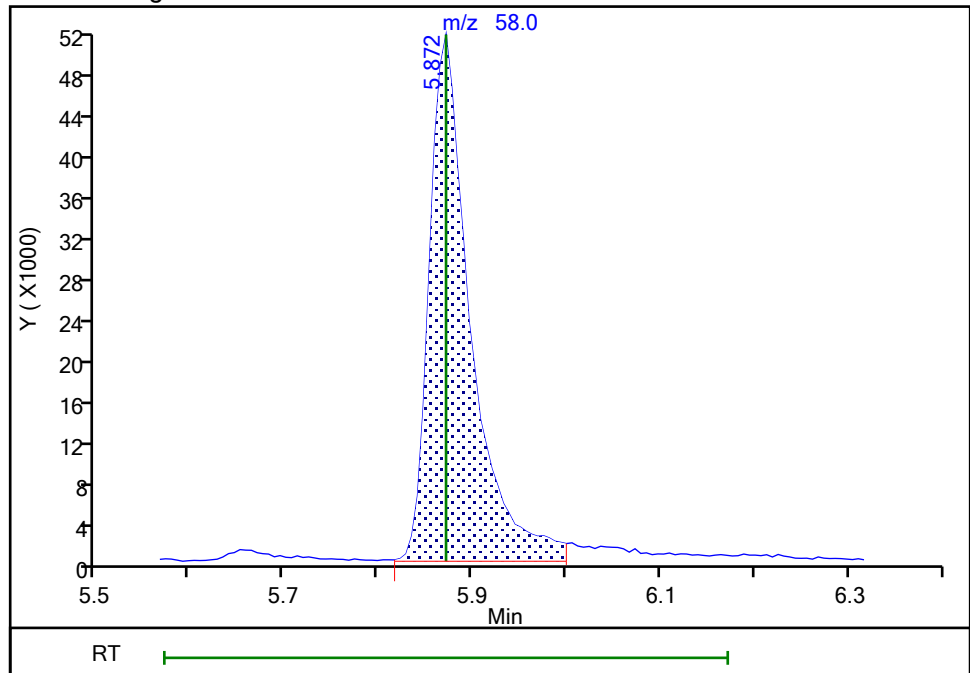
RT: 6.04
Area: 3085
Amount: 1.852161
Amount Units: ug/l

Processing Integration Results



RT: 5.87
Area: 155974
Amount: 93.643124
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 09:45:29

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Client Sample ID: MW-24 MS Lab Sample ID: 460-242808-11 MS

Matrix: Water Lab File ID: TT44563.D

Analysis Method: 8260D Date Collected: 09/13/2021 11:40

Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 10:05

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.2		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	17.8		1.0	0.20
75-34-3	1,1-Dichloroethane	19.5		1.0	0.26
75-35-4	1,1-Dichloroethene	18.8		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	15.6		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	16.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.0		1.0	0.38
95-50-1	1,2-Dichlorobenzene	18.0		1.0	0.21
107-06-2	1,2-Dichloroethane	17.7		1.0	0.43
78-87-5	1,2-Dichloropropane	18.3		1.0	0.35
541-73-1	1,3-Dichlorobenzene	17.3		1.0	0.34
106-46-7	1,4-Dichlorobenzene	17.1		1.0	0.33
123-91-1	1,4-Dioxane	334		50	28
78-93-3	2-Butanone (MEK)	74.3		5.0	1.9
591-78-6	2-Hexanone	70.7		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	84.3		5.0	1.3
67-64-1	Acetone	70.0		5.0	4.4
71-43-2	Benzene	18.9		1.0	0.20
75-25-2	Bromoform	21.0		1.0	0.54
74-83-9	Bromomethane	19.3		1.0	0.55
75-15-0	Carbon disulfide	17.9		1.0	0.82
56-23-5	Carbon tetrachloride	24.7		1.0	0.21
108-90-7	Chlorobenzene	18.1		1.0	0.38
74-97-5	Chlorobromomethane	17.0		1.0	0.41
124-48-1	Chlorodibromomethane	21.2		1.0	0.28
75-00-3	Chloroethane	23.9		1.0	0.32
67-66-3	Chloroform	19.3		1.0	0.33
74-87-3	Chloromethane	19.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.6		1.0	0.22
110-82-7	Cyclohexane	19.8		1.0	0.32
75-27-4	Dichlorobromomethane	18.9		1.0	0.34
75-71-8	Dichlorodifluoromethane	15.0		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-24 MS Lab Sample ID: 460-242808-11 MS
 Matrix: Water Lab File ID: TT44563.D
 Analysis Method: 8260D Date Collected: 09/13/2021 11:40
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 10:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	18.9		1.0	0.30
106-93-4	Ethylene Dibromide	19.7		1.0	0.50
98-82-8	Isopropylbenzene	20.3		1.0	0.34
79-20-9	Methyl acetate	34.4		5.0	0.79
1634-04-4	Methyl tert-butyl ether	19.2		1.0	0.22
108-87-2	Methylcyclohexane	19.6		1.0	0.71
75-09-2	Methylene Chloride	18.0		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.0		1.0	0.30
95-47-6	o-Xylene	19.1		1.0	0.36
100-42-5	Styrene	19.4		1.0	0.42
127-18-4	Tetrachloroethene	17.8		1.0	0.25
108-88-3	Toluene	18.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	23.7		1.0	0.22
79-01-6	Trichloroethene	16.5		1.0	0.31
75-69-4	Trichlorofluoromethane	18.4		1.0	0.32
75-01-4	Vinyl chloride	19.9		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		75-123
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44563.D
 Lims ID: 460-242808-A-11 MS
 Client ID: MW-24
 Sample Type: MS
 Inject. Date: 18-Sep-2021 10:05:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-A-11 MS
 Misc. Info.: 460-0134688-012
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:01:48 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: desais

Date: 18-Sep-2021 10:55:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.135	1.135	0.000	65	4999	20.0	11.3	
3 Chlorotrifluoroethene	116	1.202	1.196	0.006	95	28854	20.0	16.0	
2 1,1-Difluoroethane	65	1.220	1.214	0.006	90	57121	20.0	16.8	
4 Dichlorodifluoromethane	85	1.226	1.220	0.006	68	92579	20.0	15.0	
5 Chlorodifluoromethane	67	1.244	1.238	0.006	98	22439	20.0	18.9	
6 Chloromethane	50	1.366	1.360	0.006	98	136285	20.0	19.1	
8 Butadiene	54	1.421	1.415	0.006	93	110155	20.0	21.2	
7 Vinyl chloride	62	1.427	1.421	0.006	98	120619	20.0	19.9	
9 Bromomethane	94	1.641	1.635	0.006	99	65178	20.0	19.3	
10 Chloroethane	64	1.677	1.671	0.006	99	63176	20.0	23.9	
11 Dichlorofluoromethane	67	1.817	1.811	0.006	98	195617	20.0	18.6	
12 Trichlorofluoromethane	101	1.824	1.818	0.006	46	125382	20.0	18.4	
13 Pentane	72	1.824	1.824	0.000	97	30629	40.0	40.2	
15 Ethyl ether	74	1.976	1.970	0.006	92	49509	20.0	16.9	
14 Ethanol	46	1.976	1.982	-0.006	82	17816	800.0	735.5	
16 2-Methyl-1,3-butadiene	53	1.994	1.988	0.006	96	93130	20.0	20.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.031	2.025	0.006	87	80838	20.0	19.3	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.080	2.074	0.006	95	140234	20.0	19.6	a
19 Acrolein	56	2.110	2.110	0.000	96	32343	40.6	39.2	
20 112TCTFE	101	2.141	2.135	0.006	84	80396	20.0	19.7	a
21 1,1-Dichloroethene	96	2.147	2.141	0.006	92	80161	20.0	18.8	
22 Acetone	43	2.214	2.214	0.000	85	120223	100.0	70.0	
23 Iodomethane	142	2.269	2.263	0.006	100	135198	20.0	17.8	
24 Carbon disulfide	76	2.293	2.287	0.006	100	323348	20.0	17.9	
25 Isopropyl alcohol	45	2.311	2.305	0.006	89	29134	200.0	116.5	
26 3-Chloro-1-propene	76	2.390	2.391	-0.001	89	64457	20.0	18.8	
27 Methyl acetate	43	2.409	2.403	0.006	77	119258	40.0	34.4	
28 Cyclopentene	67	2.403	2.403	0.000	95	235831	20.0	20.6	
29 Acetonitrile	41	2.464	2.452	0.012	97	139354	200.0	209.1	
30 Methylene Chloride	84	2.500	2.494	0.006	98	100661	20.0	18.0	
* 31 TBA-d9 (IS)	66	2.512	2.519	-0.007	98	42443	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.567	2.574	-0.007	91	85781	200.0	171.7	a
33 Methyl tert-butyl ether	73	2.634	2.628	0.006	98	255631	20.0	19.2	
34 trans-1,2-Dichloroethene	96	2.647	2.647	0.000	96	89721	20.0	18.8	
35 Acrylonitrile	53	2.714	2.708	0.006	93	325997	200.0	170.0	
36 Hexane	57	2.781	2.775	0.006	95	126960	20.0	19.9	
37 Isopropyl ether	45	2.964	2.964	0.000	86	368263	20.0	20.3	
38 1,1-Dichloroethane	63	2.982	2.976	0.006	98	191936	20.0	19.5	
39 Vinyl acetate	86	3.000	3.000	0.000	100	28499	40.0	53.4	M
40 2-Chloro-1,3-butadiene	88	3.018	3.019	-0.001	93	81175	20.0	19.6	
41 Tert-butyl ethyl ether	59	3.232	3.232	0.000	88	306072	20.0	21.9	
* 42 2-Butanone-d5	46	3.415	3.409	0.006	96	347353	250.0	250.0	
43 2,2-Dichloropropane	97	3.421	3.421	0.000	94	29371	20.0	26.0	
44 cis-1,2-Dichloroethene	96	3.427	3.427	0.000	90	95576	20.0	18.3	
45 2-Butanone (MEK)	72	3.433	3.439	-0.006	94	35179	100.0	74.3	
46 Ethyl acetate	70	3.445	3.439	0.006	93	14352	40.0	37.6	
47 Methyl acrylate	55	3.488	3.482	0.006	98	61449	20.0	16.6	a
48 Propionitrile	54	3.585	3.579	0.006	96	85921	200.0	143.8	
49 Chlorobromomethane	128	3.622	3.622	0.000	96	42863	20.0	17.0	
50 Tetrahydrofuran	72	3.640	3.640	0.000	43	18417	40.0	29.3	
51 Methacrylonitrile	67	3.652	3.653	-0.001	96	281270	200.0	164.5	
52 Chloroform	83	3.677	3.677	0.000	97	157621	20.0	19.3	
53 Cyclohexane	84	3.780	3.781	-0.001	97	122893	20.0	19.8	
54 1,1,1-Trichloroethane	97	3.799	3.799	0.000	97	126612	20.0	21.7	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.811	0.006	96	150223	50.0	49.7	
56 Carbon tetrachloride	117	3.902	3.903	0.000	96	101865	20.0	24.7	
57 1,1-Dichloropropene	75	3.927	3.927	0.000	93	118721	20.0	18.9	
59 Isooctane	57	4.085	4.085	0.000	99	307129	20.0	19.3	
58 Isobutyl alcohol	43	4.085	4.085	0.000	37	60885	500.0	369.5	a
60 Benzene	78	4.104	4.104	0.000	97	325892	20.0	18.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	96	193923	50.0	51.5	
62 Tert-amyl methyl ether	73	4.177	4.177	0.000	94	275941	20.0	20.0	
64 1,2-Dichloroethane	62	4.189	4.183	0.006	93	110483	20.0	17.7	
63 Isopropyl acetate	61	4.189	4.189	0.000	90	42575	20.0	19.6	
65 n-Heptane	100	4.262	4.256	0.006	98	17481	20.0	17.8	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	541892	50.0	50.0	
68 Trichloroethene	95	4.683	4.689	-0.006	95	73413	20.0	16.5	
69 Methylcyclohexane	83	4.799	4.799	0.000	94	138694	20.0	19.6	
70 Ethyl acrylate	99	4.799	4.817	-0.018	94	8917	20.0	17.8	
71 1,2-Dichloropropane	63	4.951	4.951	0.000	91	89502	20.0	18.3	
73 Methyl methacrylate	100	5.055	5.049	0.006	94	28335	40.0	32.0	
* 72 1,4-Dioxane-d8	96	5.055	5.061	-0.006	44	20319	1000.0	1000.0	
74 Dibromomethane	93	5.067	5.067	0.000	93	46393	20.0	17.1	
75 1,4-Dioxane	88	5.109	5.110	-0.001	28	10146	400.0	333.7	a
76 n-Propyl acetate	43	5.122	5.116	0.006	98	87979	20.0	14.3	
77 Dichlorobromomethane	83	5.219	5.219	0.000	98	97999	20.0	18.9	
78 2-Nitropropane	41	5.536	5.542	-0.006	98	30166	40.0	43.4	
80 Epichlorohydrin	57	5.658	5.658	0.000	99	109135	400.0	288.1	a
81 cis-1,3-Dichloropropene	75	5.683	5.689	-0.006	97	122303	20.0	20.6	
82 4-Methyl-2-pentanone (MIBK)	58	5.872	5.872	0.000	97	148767	100.0	84.3	a
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	509634	50.0	51.6	
84 Toluene	91	5.987	5.987	0.000	93	304952	20.0	18.7	
85 trans-1,3-Dichloropropene	75	6.335	6.335	0.000	98	102945	20.0	23.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.396	6.396	0.000	93	86613	20.0	19.0	
87 1,1,2-Trichloroethane	83	6.536	6.530	0.006	93	55014	20.0	17.8	
88 Tetrachloroethene	166	6.560	6.561	-0.001	93	66763	20.0	17.8	
89 1,3-Dichloropropane	76	6.731	6.731	0.000	98	112185	20.0	18.4	
90 2-Hexanone	43	6.829	6.829	0.000	99	208909	100.0	70.7	
92 Chlorodibromomethane	129	6.944	6.945	-0.001	97	61699	20.0	21.2	
91 n-Butyl acetate	43	6.963	6.963	0.000	98	132557	20.0	21.8	
93 Ethylene Dibromide	107	7.079	7.079	0.000	97	58200	20.0	19.7	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	91	370419	50.0	50.0	
95 Chlorobenzene	112	7.646	7.646	0.000	90	186802	20.0	18.1	
96 Ethylbenzene	106	7.761	7.762	-0.001	99	104638	20.0	18.9	
97 1,1,1,2-Tetrachloroethane	131	7.774	7.774	0.000	93	71160	20.0	23.7	
98 m-Xylene & p-Xylene	106	7.920	7.920	0.000	99	126126	20.0	19.0	
99 o-Xylene	106	8.426	8.426	0.000	92	131226	20.0	19.1	
101 Styrene	104	8.462	8.469	-0.007	94	201611	20.0	19.4	
100 n-Butyl acrylate	73	8.469	8.469	0.000	95	56440	20.0	21.5	
102 Bromoform	173	8.712	8.713	-0.001	94	37099	20.0	21.0	
103 Amyl acetate (mixed isomers)	43	8.779	8.780	-0.001	89	145368	20.0	18.8	
104 Isopropylbenzene	105	8.901	8.902	-0.001	97	370294	20.0	20.3	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	138180	50.0	48.9	
106 Bromobenzene	156	9.304	9.304	0.000	93	80769	20.0	18.4	
107 1,1,2,2-Tetrachloroethane	83	9.414	9.408	0.006	99	95785	20.0	18.2	
108 N-Propylbenzene	91	9.426	9.426	0.000	98	450399	20.0	20.2	
109 1,2,3-Trichloropropane	110	9.450	9.450	0.000	96	23298	20.0	17.4	
110 trans-1,4-Dichloro-2-butene	53	9.493	9.493	0.000	84	21885	20.0	17.9	
111 2-Chlorotoluene	91	9.535	9.536	-0.001	97	280789	20.0	19.4	
112 4-Ethyltoluene	105	9.572	9.572	0.000	98	343966	20.0	19.9	
113 1,3,5-Trimethylbenzene	105	9.657	9.657	0.000	91	295666	20.0	19.5	
114 4-Chlorotoluene	91	9.676	9.676	0.000	99	282711	20.0	19.2	
115 Butyl Methacrylate	87	9.822	9.822	0.000	96	94931	20.0	21.1	
116 tert-Butylbenzene	119	9.987	9.987	0.000	91	219866	20.0	18.3	
117 1,2,4-Trimethylbenzene	105	10.060	10.060	0.000	99	304743	20.0	19.5	
118 sec-Butylbenzene	105	10.224	10.218	0.006	98	384810	20.0	19.5	
119 1,3-Dichlorobenzene	146	10.346	10.346	0.000	92	145395	20.0	17.3	
120 4-Isopropyltoluene	119	10.383	10.383	0.000	97	312709	20.0	19.4	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	197250	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.450	10.450	0.000	92	144467	20.0	17.1	
123 1,2,3-Trimethylbenzene	105	10.486	10.487	-0.001	99	316109	20.0	19.2	
124 Benzyl chloride	91	10.608	10.609	-0.001	97	142803	20.0	24.8	
125 2,3-Dihydroindene	117	10.663	10.663	0.000	94	340991	20.0	22.7	
126 p-Diethylbenzene	119	10.755	10.755	0.000	91	164514	20.0	19.2	
127 n-Butylbenzene	92	10.773	10.773	0.000	98	183144	20.0	19.8	
128 1,2-Dichlorobenzene	146	10.803	10.804	-0.001	93	145549	20.0	18.0	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	96	293832	20.0	18.7	
130 1,2-Dibromo-3-Chloropropane	157	11.523	11.523	0.000	89	15799	20.0	18.0	
131 1,3,5-Trichlorobenzene	180	11.645	11.639	0.006	95	118793	20.0	16.9	
132 1,2,4-Trichlorobenzene	180	12.151	12.151	0.000	93	109561	20.0	16.3	
133 Hexachlorobutadiene	225	12.254	12.255	-0.001	92	44833	20.0	15.4	
134 Naphthalene	128	12.346	12.346	0.000	98	264221	20.0	16.6	
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	93	99911	20.0	15.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.1	
S 137 Xylenes, Total	100				0		40.0	38.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.4	
S 140 Total BTEX	1				0		100.0	94.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00130	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00143	Amount Added: 20.00	Units: uL	
GASES Li_00439	Amount Added: 20.00	Units: uL	
524freon_00042	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00048	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44563.D

Injection Date: 18-Sep-2021 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-A-11 MS

Client ID: MW-24

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

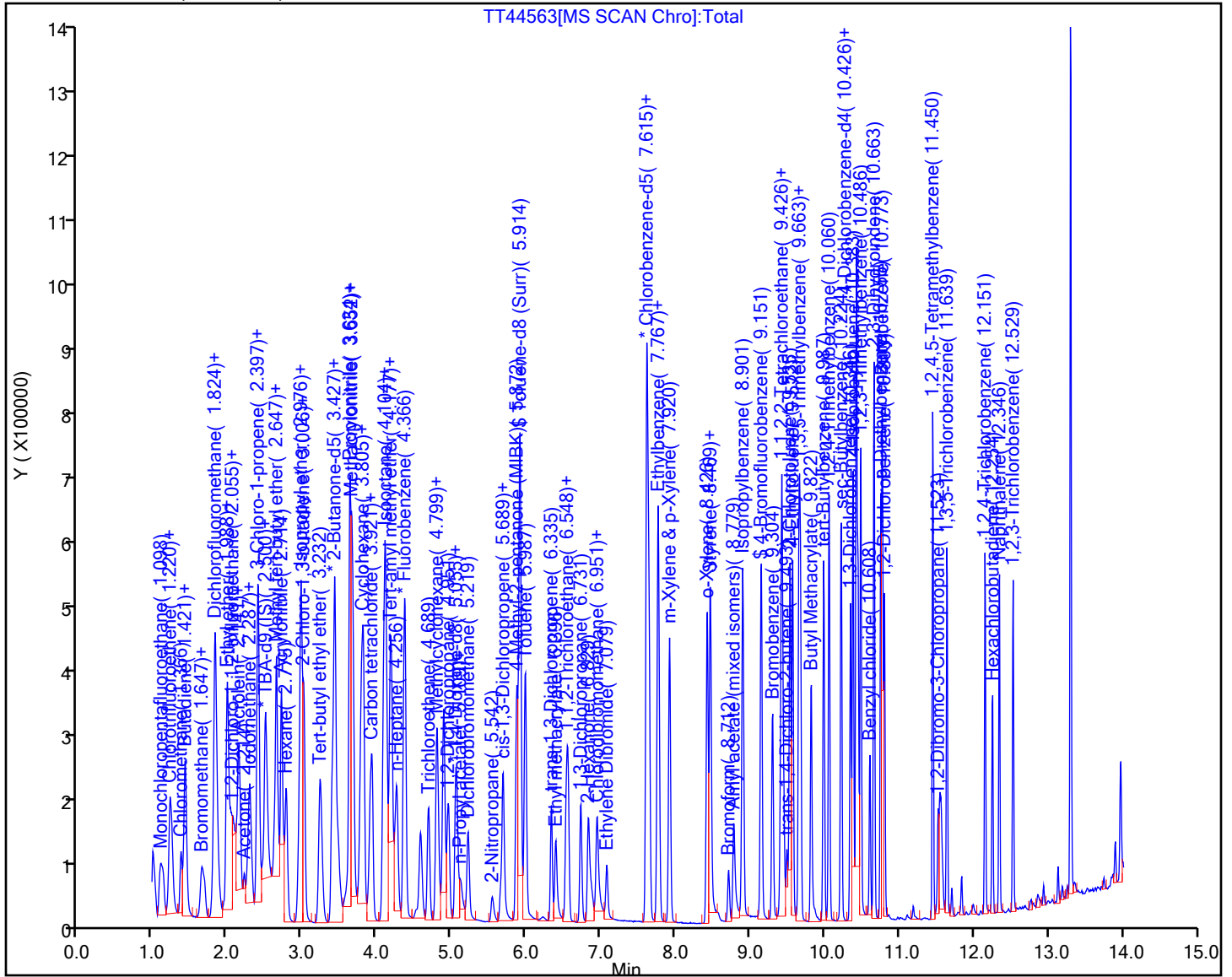
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44563.D

Injection Date: 18-Sep-2021 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-A-11 MS

Client ID: MW-24

Operator ID:

ALS Bottle#:

11

Worklist Smp#:

12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

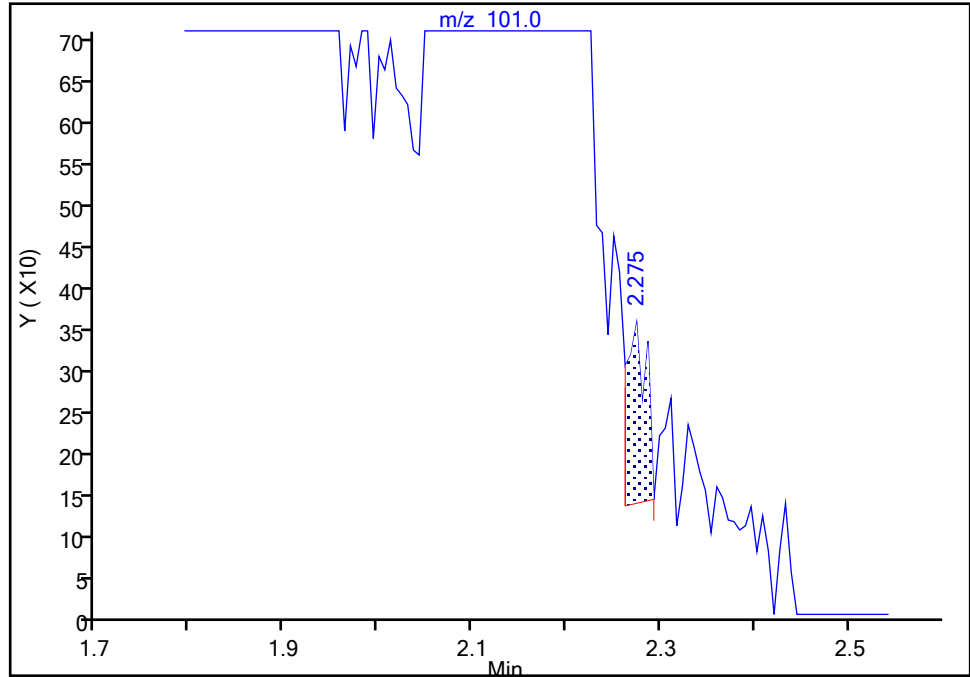
MS Quad

20 112TCTFE, CAS: 76-13-1

Signal: 1

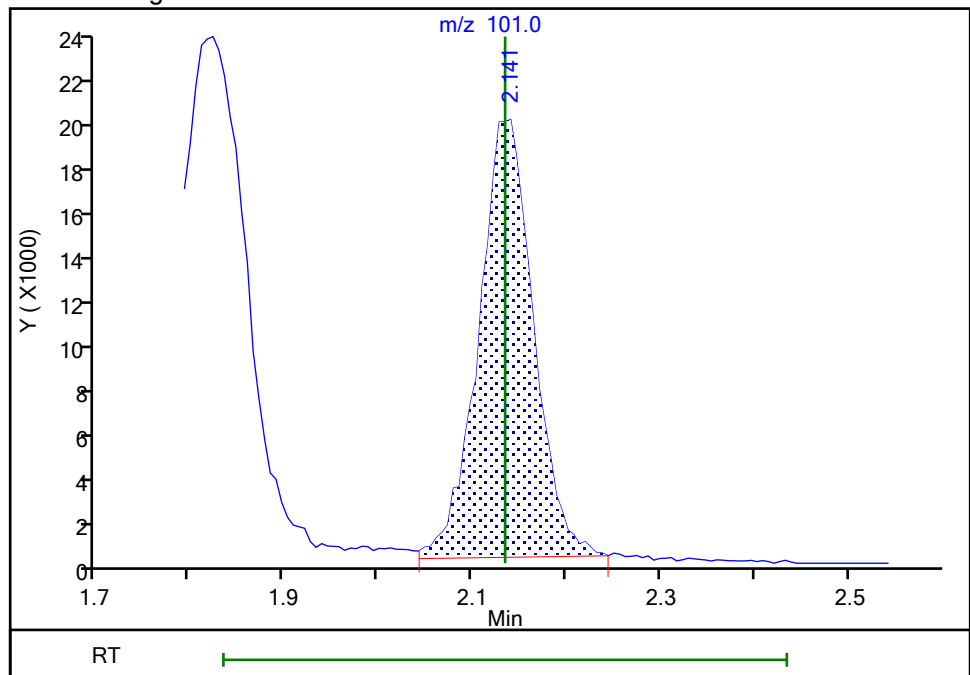
RT: 2.27
Area: 321
Amount: 0.078768
Amount Units: ug/l

Processing Integration Results



RT: 2.14
Area: 80396
Amount: 19.727740
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 19-Sep-2021 13:01:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

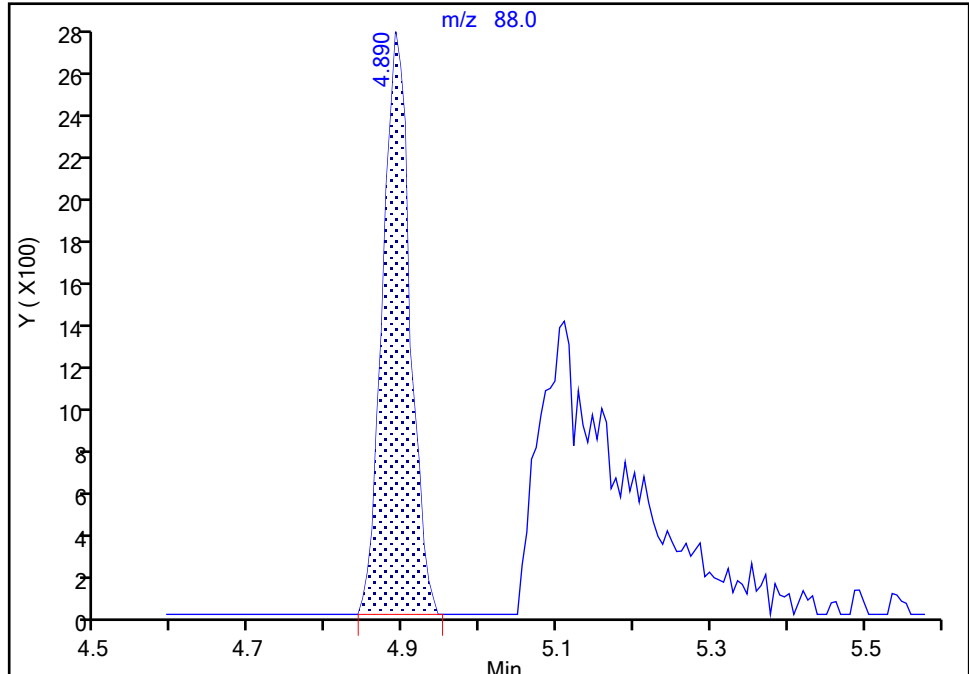
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44563.D
Injection Date: 18-Sep-2021 10:05:30 Instrument ID: CVOAMS17
Lims ID: 460-242808-A-11 MS
Client ID: MW-24
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector: MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

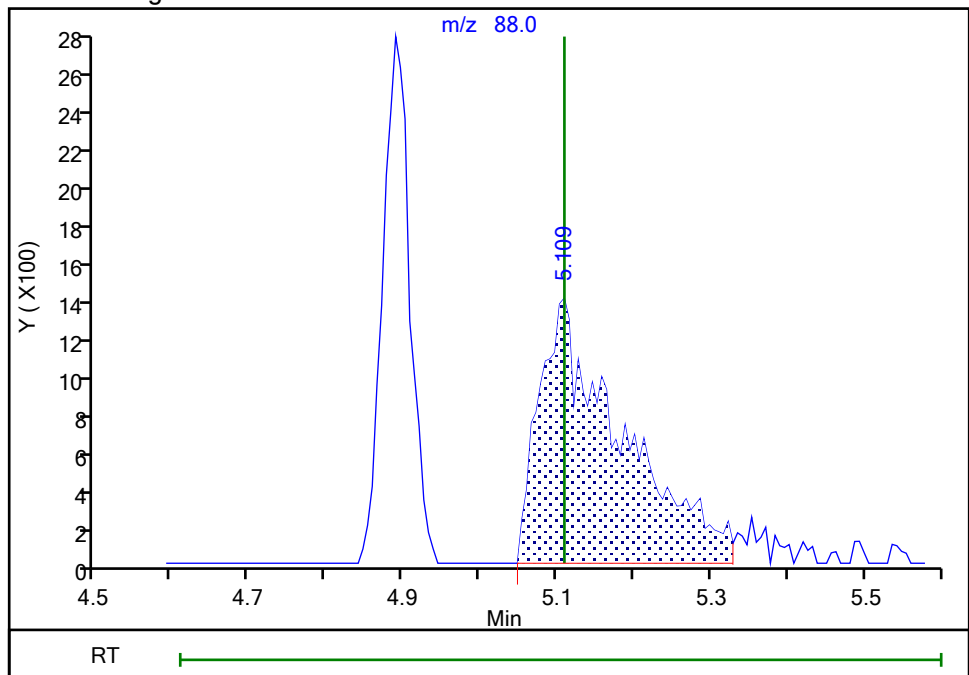
RT: 4.89
Area: 6745
Amount: 221.8549
Amount Units: ug/l

Processing Integration Results



RT: 5.11
Area: 10146
Amount: 333.7198
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 19-Sep-2021 13:00:48
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44563.D

Injection Date: 18-Sep-2021 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-A-11 MS

Client ID: MW-24

Operator ID:

ALS Bottle#:

11

Worklist Smp#:

12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

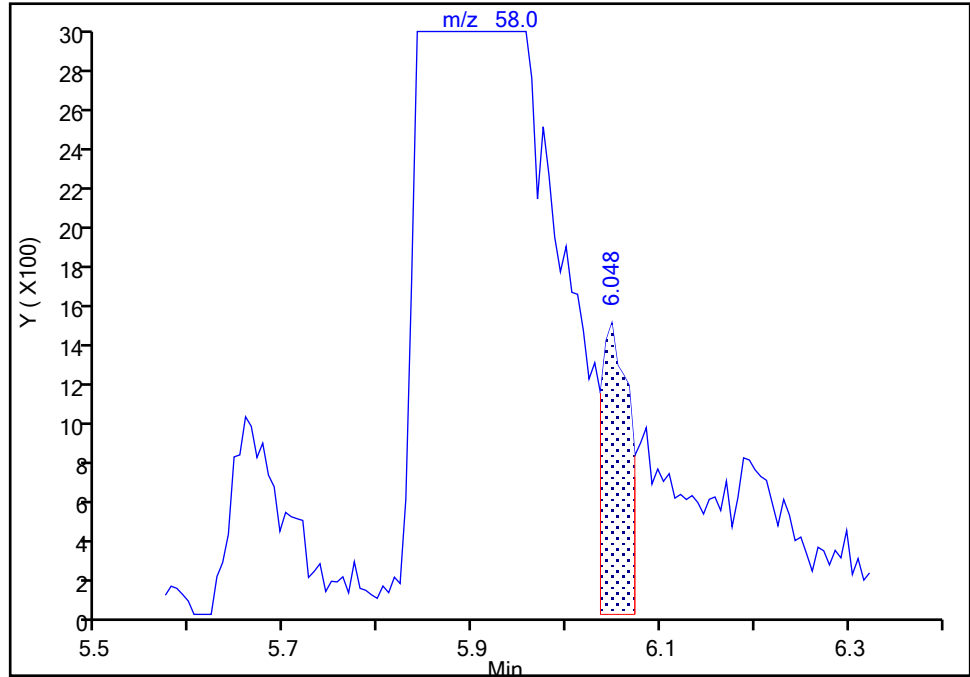
MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

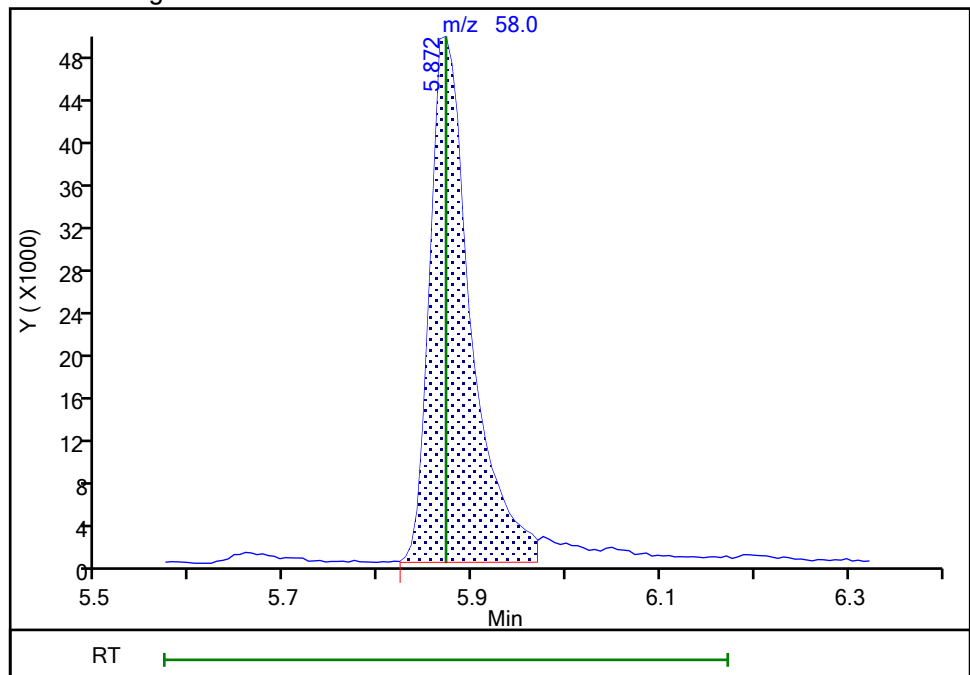
RT: 6.05
Area: 3110
Amount: 1.762979
Amount Units: ug/l

Processing Integration Results



RT: 5.87
Area: 148767
Amount: 84.332185
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 10:54:52

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-242808-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-24 MSD</u>	Lab Sample ID: <u>460-242808-11 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT44564.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>09/13/2021 11:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/18/2021 10:26</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>801985</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.0		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.5		1.0	0.20
75-34-3	1,1-Dichloroethane	20.1		1.0	0.26
75-35-4	1,1-Dichloroethene	19.4		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	16.8		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	17.2		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.1		1.0	0.38
95-50-1	1,2-Dichlorobenzene	18.7		1.0	0.21
107-06-2	1,2-Dichloroethane	18.7		1.0	0.43
78-87-5	1,2-Dichloropropane	19.3		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.5		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.1		1.0	0.33
123-91-1	1,4-Dioxane	421		50	28
78-93-3	2-Butanone (MEK)	79.3		5.0	1.9
591-78-6	2-Hexanone	73.4		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	88.8		5.0	1.3
67-64-1	Acetone	72.4		5.0	4.4
71-43-2	Benzene	19.4		1.0	0.20
75-25-2	Bromoform	22.0		1.0	0.54
74-83-9	Bromomethane	20.5		1.0	0.55
75-15-0	Carbon disulfide	18.3		1.0	0.82
56-23-5	Carbon tetrachloride	25.2		1.0	0.21
108-90-7	Chlorobenzene	18.7		1.0	0.38
74-97-5	Chlorobromomethane	17.7		1.0	0.41
124-48-1	Chlorodibromomethane	21.9		1.0	0.28
75-00-3	Chloroethane	25.1		1.0	0.32
67-66-3	Chloroform	20.0		1.0	0.33
74-87-3	Chloromethane	20.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.8		1.0	0.22
110-82-7	Cyclohexane	20.3		1.0	0.32
75-27-4	Dichlorobromomethane	20.1		1.0	0.34
75-71-8	Dichlorodifluoromethane	15.2		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Client Sample ID: MW-24 MSD Lab Sample ID: 460-242808-11 MSD
 Matrix: Water Lab File ID: TT44564.D
 Analysis Method: 8260D Date Collected: 09/13/2021 11:40
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2021 10:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 801985 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	19.7		1.0	0.30
106-93-4	Ethylene Dibromide	20.4		1.0	0.50
98-82-8	Isopropylbenzene	20.8		1.0	0.34
79-20-9	Methyl acetate	34.2		5.0	0.79
1634-04-4	Methyl tert-butyl ether	19.9		1.0	0.22
108-87-2	Methylcyclohexane	19.9		1.0	0.71
75-09-2	Methylene Chloride	18.5		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.8		1.0	0.30
95-47-6	o-Xylene	19.8		1.0	0.36
100-42-5	Styrene	20.1		1.0	0.42
127-18-4	Tetrachloroethene	18.3		1.0	0.25
108-88-3	Toluene	19.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	25.0		1.0	0.22
79-01-6	Trichloroethene	17.5		1.0	0.31
75-69-4	Trichlorofluoromethane	19.4		1.0	0.32
75-01-4	Vinyl chloride	20.3		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44564.D
 Lims ID: 460-242808-A-11 MSD
 Client ID: MW-24
 Sample Type: MSD
 Inject. Date: 18-Sep-2021 10:26:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-242808-A-11 MSD
 Misc. Info.: 460-0134688-013
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Sep-2021 13:14:02 Calib Date: 10-Sep-2021 12:08:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20210910-134348.b\TT44016.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1610

First Level Reviewer: desais

Date: 18-Sep-2021 11:03:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.159	1.135	0.024	68	5039	20.0	11.4	a
3 Chlorotrifluoroethene	116	1.214	1.196	0.018	94	30946	20.0	17.3	
2 1,1-Difluoroethane	65	1.226	1.214	0.012	91	61031	20.0	18.0	
4 Dichlorodifluoromethane	85	1.226	1.220	0.006	67	93666	20.0	15.2	
5 Chlorodifluoromethane	67	1.251	1.238	0.013	99	23263	20.0	19.6	
6 Chloromethane	50	1.372	1.360	0.012	98	144510	20.0	20.3	
8 Butadiene	54	1.433	1.415	0.018	91	109784	20.0	21.2	
7 Vinyl chloride	62	1.433	1.421	0.012	98	122748	20.0	20.3	
9 Bromomethane	94	1.653	1.635	0.018	98	67924	20.0	20.5	
10 Chloroethane	64	1.683	1.671	0.012	100	65061	20.0	25.1	
11 Dichlorofluoromethane	67	1.830	1.811	0.019	98	203059	20.0	19.4	
12 Trichlorofluoromethane	101	1.830	1.818	0.012	52	131522	20.0	19.4	
13 Pentane	72	1.830	1.824	0.006	97	31321	40.0	41.2	
15 Ethyl ether	74	1.982	1.970	0.012	92	56007	20.0	19.1	
14 Ethanol	46	1.988	1.982	0.006	77	17891	800.0	694.1	M
16 2-Methyl-1,3-butadiene	53	2.000	1.988	0.012	97	96882	20.0	21.4	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.037	2.025	0.012	91	84490	20.0	20.3	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.080	2.074	0.006	93	147067	20.0	20.6	a
19 Acrolein	56	2.122	2.110	0.012	95	36147	40.6	44.0	
20 112TCTFE	101	2.147	2.135	0.012	74	81072	20.0	20.0	a
21 1,1-Dichloroethene	96	2.147	2.141	0.006	92	82199	20.0	19.4	
22 Acetone	43	2.220	2.214	0.006	86	122343	100.0	72.4	
23 Iodomethane	142	2.275	2.263	0.012	100	139627	20.0	18.5	
24 Carbon disulfide	76	2.299	2.287	0.012	100	329489	20.0	18.3	
25 Isopropyl alcohol	45	2.305	2.305	0.000	92	41105	200.0	154.5	a
26 3-Chloro-1-propene	76	2.397	2.391	0.006	89	65355	20.0	19.2	
27 Methyl acetate	43	2.415	2.403	0.012	63	118281	40.0	34.2	
28 Cyclopentene	67	2.415	2.403	0.012	97	240455	20.0	21.0	
29 Acetonitrile	41	2.464	2.452	0.012	94	90212	200.0	137.7	a
30 Methylene Chloride	84	2.506	2.494	0.012	97	103202	20.0	18.5	
* 31 TBA-d9 (IS)	66	2.513	2.519	-0.007	98	45143	1000.0	1000.0	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.580	2.574	0.006	94	88018	200.0	165.6	a
33 Methyl tert-butyl ether	73	2.641	2.628	0.013	98	263983	20.0	19.9	
34 trans-1,2-Dichloroethene	96	2.653	2.647	0.006	97	91538	20.0	19.3	
35 Acrylonitrile	53	2.720	2.708	0.012	93	326862	200.0	171.2	
36 Hexane	57	2.781	2.775	0.006	94	129829	20.0	20.5	
37 Isopropyl ether	45	2.970	2.964	0.006	87	379701	20.0	21.1	
38 1,1-Dichloroethane	63	2.988	2.976	0.012	99	196720	20.0	20.1	
39 Vinyl acetate	86	3.006	3.000	0.006	100	29440	40.0	56.1	M
40 2-Chloro-1,3-butadiene	88	3.025	3.019	0.006	94	82657	20.0	20.0	
41 Tert-butyl ethyl ether	59	3.238	3.232	0.006	88	311790	20.0	22.4	
* 42 2-Butanone-d5	46	3.415	3.409	0.006	86	341576	250.0	250.0	
43 2,2-Dichloropropane	97	3.421	3.421	0.000	76	29617	20.0	26.3	
44 cis-1,2-Dichloroethene	96	3.433	3.427	0.006	90	98129	20.0	18.9	
45 2-Butanone (MEK)	72	3.451	3.439	0.012	95	36907	100.0	79.3	
46 Ethyl acetate	70	3.445	3.439	0.006	93	14845	40.0	39.6	
47 Methyl acrylate	55	3.488	3.482	0.006	99	64867	20.0	17.6	
48 Propionitrile	54	3.585	3.579	0.006	94	94937	200.0	149.4	a
49 Chlorobromomethane	128	3.628	3.622	0.006	93	44576	20.0	17.7	
50 Tetrahydrofuran	72	3.640	3.640	0.000	32	18916	40.0	30.6	
51 Methacrylonitrile	67	3.659	3.653	0.006	96	292656	200.0	171.9	
52 Chloroform	83	3.683	3.677	0.006	97	162775	20.0	20.0	
53 Cyclohexane	84	3.793	3.781	0.012	97	125189	20.0	20.3	
54 1,1,1-Trichloroethane	97	3.805	3.799	0.006	97	130916	20.0	22.5	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.811	0.006	95	148454	50.0	49.4	
56 Carbon tetrachloride	117	3.909	3.903	0.007	96	103630	20.0	25.2	
57 1,1-Dichloropropene	75	3.933	3.927	0.006	93	122608	20.0	19.6	
59 Isooctane	57	4.091	4.085	0.006	99	322809	20.0	20.3	
58 Isobutyl alcohol	43	4.085	4.085	0.000	39	67135	500.0	383.1	a
60 Benzene	78	4.110	4.104	0.006	98	334771	20.0	19.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.128	4.122	0.006	96	191985	50.0	51.2	
62 Tert-amyl methyl ether	73	4.183	4.177	0.006	94	285704	20.0	20.8	
64 1,2-Dichloroethane	62	4.195	4.183	0.012	94	116042	20.0	18.7	
63 Isopropyl acetate	61	4.189	4.189	0.000	94	43630	20.0	20.2	
65 n-Heptane	100	4.262	4.256	0.006	97	17759	20.0	18.2	
* 66 Fluorobenzene	96	4.372	4.366	0.006	97	539632	50.0	50.0	
68 Trichloroethene	95	4.689	4.689	0.000	95	77292	20.0	17.5	
69 Methylcyclohexane	83	4.805	4.799	0.006	95	140015	20.0	19.9	
70 Ethyl acrylate	99	4.811	4.817	-0.006	98	9312	20.0	18.6	
71 1,2-Dichloropropane	63	4.951	4.951	0.000	92	93867	20.0	19.3	
73 Methyl methacrylate	100	5.049	5.049	0.000	95	28564	40.0	32.4	
* 72 1,4-Dioxane-d8	96	5.073	5.061	0.012	50	17767	1000.0	1000.0	
74 Dibromomethane	93	5.067	5.067	0.000	94	47361	20.0	17.6	
75 1,4-Dioxane	88	5.097	5.110	-0.013	76	11201	400.0	421.3	a
76 n-Propyl acetate	43	5.116	5.116	0.000	99	103396	20.0	16.9	
77 Dichlorobromomethane	83	5.219	5.219	0.000	98	103558	20.0	20.1	
78 2-Nitropropane	41	5.542	5.542	0.000	100	31378	40.0	45.4	
80 Epichlorohydrin	57	5.664	5.658	0.006	100	111268	400.0	298.7	a
81 cis-1,3-Dichloropropene	75	5.689	5.689	0.000	97	129344	20.0	21.8	
82 4-Methyl-2-pentanone (MIBK)	58	5.872	5.872	0.000	98	153957	100.0	88.8	a
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	98	507114	50.0	51.3	
84 Toluene	91	5.987	5.987	0.000	93	318846	20.0	19.5	
85 trans-1,3-Dichloropropene	75	6.335	6.335	0.000	98	108479	20.0	25.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.396	6.396	0.000	93	94828	20.0	20.7	
87 1,1,2-Trichloroethane	83	6.536	6.530	0.006	91	57176	20.0	18.5	
88 Tetrachloroethene	166	6.560	6.561	-0.001	92	68741	20.0	18.3	
89 1,3-Dichloropropane	76	6.731	6.731	0.000	98	115205	20.0	18.8	
90 2-Hexanone	43	6.829	6.829	0.000	99	213321	100.0	73.4	
92 Chlorodibromomethane	129	6.945	6.945	0.000	97	63678	20.0	21.9	
91 n-Butyl acetate	43	6.963	6.963	0.000	98	134141	20.0	22.1	
93 Ethylene Dibromide	107	7.079	7.079	0.000	98	60181	20.0	20.4	
* 94 Chlorobenzene-d5	117	7.615	7.609	0.006	91	370616	50.0	50.0	
95 Chlorobenzene	112	7.646	7.646	0.000	92	193041	20.0	18.7	
96 Ethylbenzene	106	7.761	7.762	-0.001	99	109066	20.0	19.7	
97 1,1,1,2-Tetrachloroethane	131	7.780	7.774	0.006	93	73323	20.0	24.4	
98 m-Xylene & p-Xylene	106	7.920	7.920	0.000	99	131025	20.0	19.8	
99 o-Xylene	106	8.426	8.426	0.000	92	136159	20.0	19.8	
101 Styrene	104	8.469	8.469	0.000	94	208339	20.0	20.1	
100 n-Butyl acrylate	73	8.469	8.469	0.000	96	52199	20.0	19.9	
102 Bromoform	173	8.713	8.713	-0.001	94	38821	20.0	22.0	
103 Amyl acetate (mixed isomers)	43	8.780	8.780	0.000	87	156640	20.0	20.4	
104 Isopropylbenzene	105	8.901	8.902	-0.001	97	378288	20.0	20.8	
\$ 105 4-Bromofluorobenzene	174	9.151	9.151	0.000	0	136710	50.0	48.3	
106 Bromobenzene	156	9.304	9.304	0.000	92	81438	20.0	18.8	
107 1,1,2,2-Tetrachloroethane	83	9.407	9.408	-0.001	98	97031	20.0	18.6	
108 N-Propylbenzene	91	9.426	9.426	0.000	98	468013	20.0	21.3	
109 1,2,3-Trichloropropane	110	9.450	9.450	0.000	95	24532	20.0	18.5	
110 trans-1,4-Dichloro-2-butene	53	9.493	9.493	0.000	83	23076	20.0	19.1	
111 2-Chlorotoluene	91	9.536	9.536	0.000	97	291701	20.0	20.4	
112 4-Ethyltoluene	105	9.572	9.572	0.000	98	356194	20.0	20.8	
113 1,3,5-Trimethylbenzene	105	9.657	9.657	0.000	91	307592	20.0	20.5	
114 4-Chlorotoluene	91	9.676	9.676	0.000	99	296726	20.0	20.3	
115 Butyl Methacrylate	87	9.822	9.822	0.000	97	99765	20.0	22.4	
116 tert-Butylbenzene	119	9.987	9.987	0.000	91	228069	20.0	19.1	
117 1,2,4-Trimethylbenzene	105	10.060	10.060	0.000	99	314531	20.0	20.4	
118 sec-Butylbenzene	105	10.224	10.218	0.006	98	393267	20.0	20.1	
119 1,3-Dichlorobenzene	146	10.346	10.346	0.000	92	153269	20.0	18.5	
120 4-Isopropyltoluene	119	10.383	10.383	0.000	97	321654	20.0	20.2	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.426	0.000	98	195096	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.450	10.450	0.000	92	151647	20.0	18.1	
123 1,2,3-Trimethylbenzene	105	10.487	10.487	0.000	99	327168	20.0	20.1	
124 Benzyl chloride	91	10.608	10.609	-0.001	97	147227	20.0	25.8	
125 2,3-Dihydroindene	117	10.663	10.663	0.000	94	308163	20.0	20.7	
126 p-Diethylbenzene	119	10.755	10.755	0.000	90	169449	20.0	20.0	
127 n-Butylbenzene	92	10.773	10.773	0.000	98	192411	20.0	21.0	
128 1,2-Dichlorobenzene	146	10.804	10.804	0.000	93	149583	20.0	18.7	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	96	300438	20.0	19.3	
130 1,2-Dibromo-3-Chloropropane	157	11.523	11.523	0.000	88	15769	20.0	18.1	
131 1,3,5-Trichlorobenzene	180	11.639	11.639	0.000	95	122032	20.0	17.6	
132 1,2,4-Trichlorobenzene	180	12.151	12.151	0.000	93	114646	20.0	17.2	
133 Hexachlorobutadiene	225	12.255	12.255	-0.001	92	46778	20.0	16.3	
134 Naphthalene	128	12.346	12.346	0.000	98	273445	20.0	17.3	
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	94	106284	20.0	16.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.1	
S 137 Xylenes, Total	100				0		40.0	39.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 1,3-Dichloropropene, Total	1				0		40.0	46.8	
S 140 Total BTEX	1				0		100.0	98.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00130	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00143	Amount Added: 20.00	Units: uL	
GASES Li_00439	Amount Added: 20.00	Units: uL	
524freon_00042	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00048	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44564.D

Injection Date: 18-Sep-2021 10:26:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-A-11 MSD

Client ID: MW-24

Operator ID:

ALS Bottle#: 12

Worklist Smp#: 13

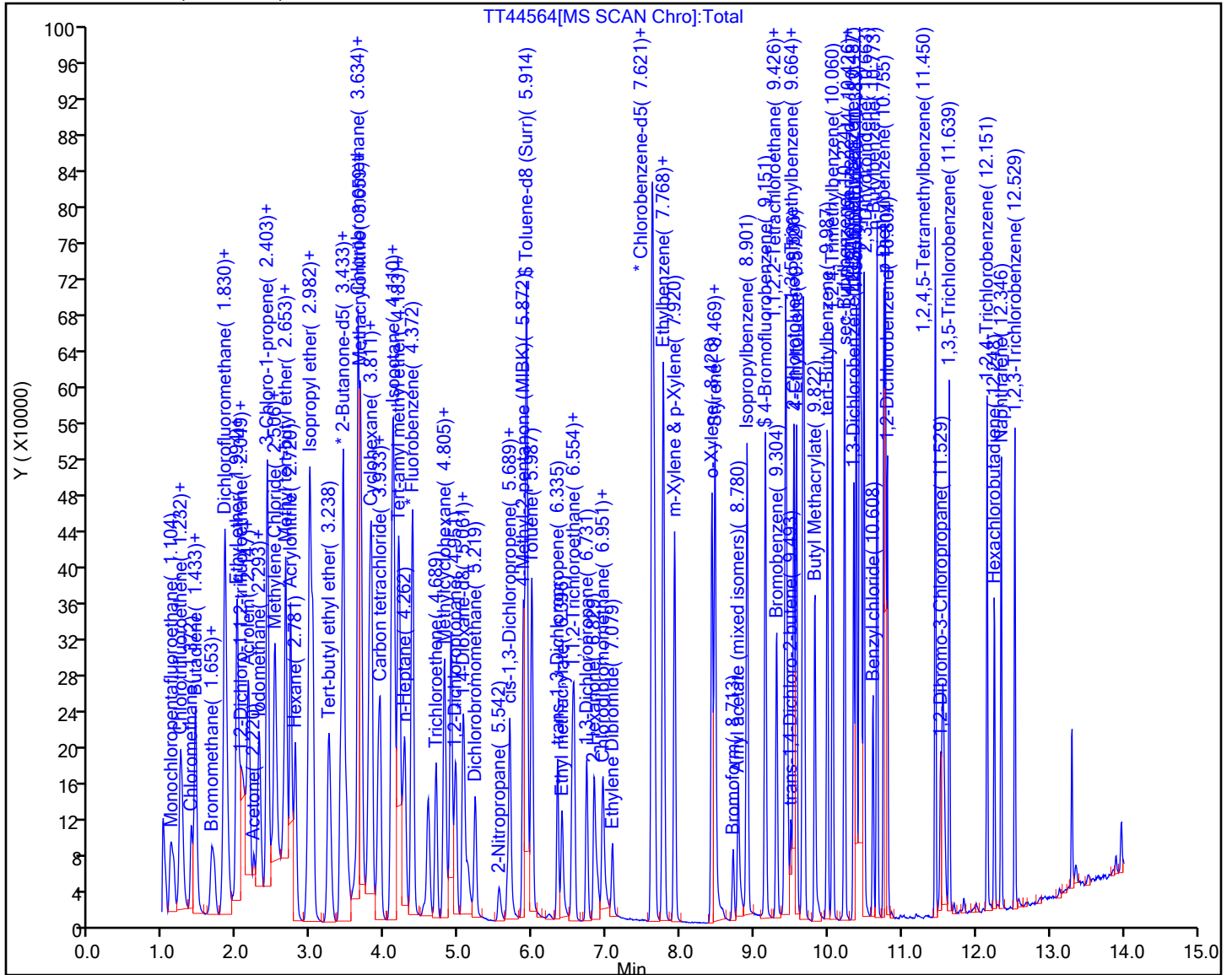
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44564.D

Injection Date: 18-Sep-2021 10:26:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-A-11 MSD

Client ID: MW-24

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

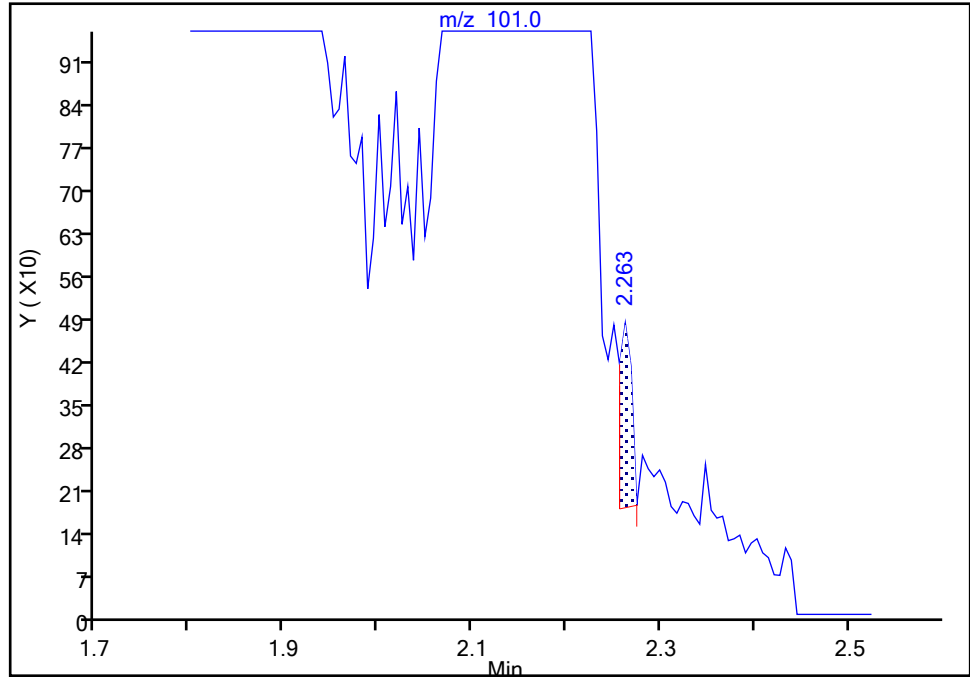
MS Quad

20 112TCTFE, CAS: 76-13-1

Signal: 1

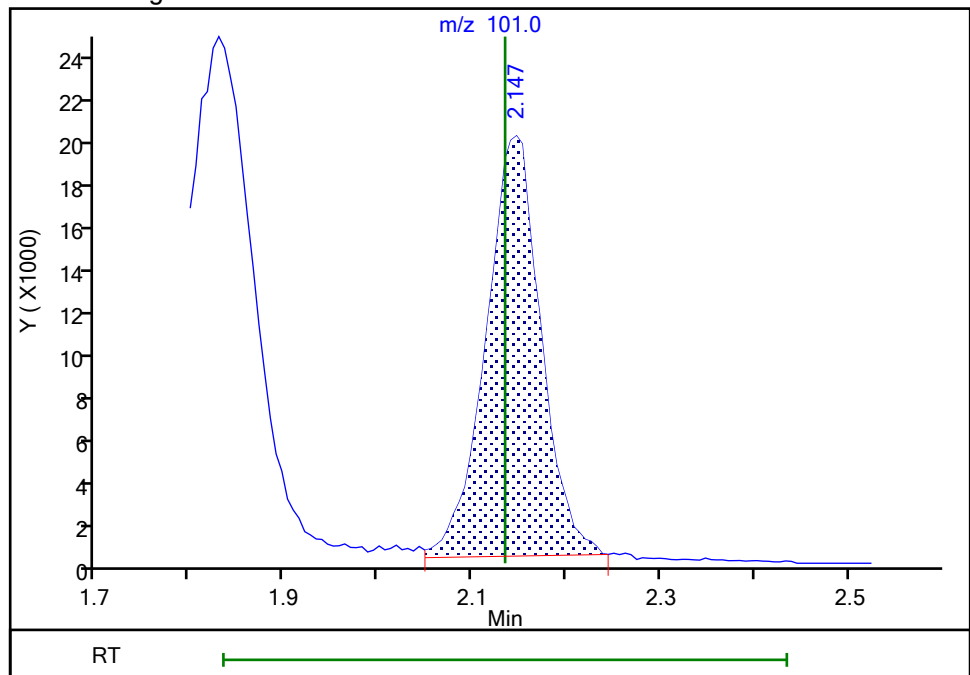
RT: 2.26
Area: 282
Amount: 0.069488
Amount Units: ug/l

Processing Integration Results



RT: 2.15
Area: 81072
Amount: 19.976933
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 11:01:28

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

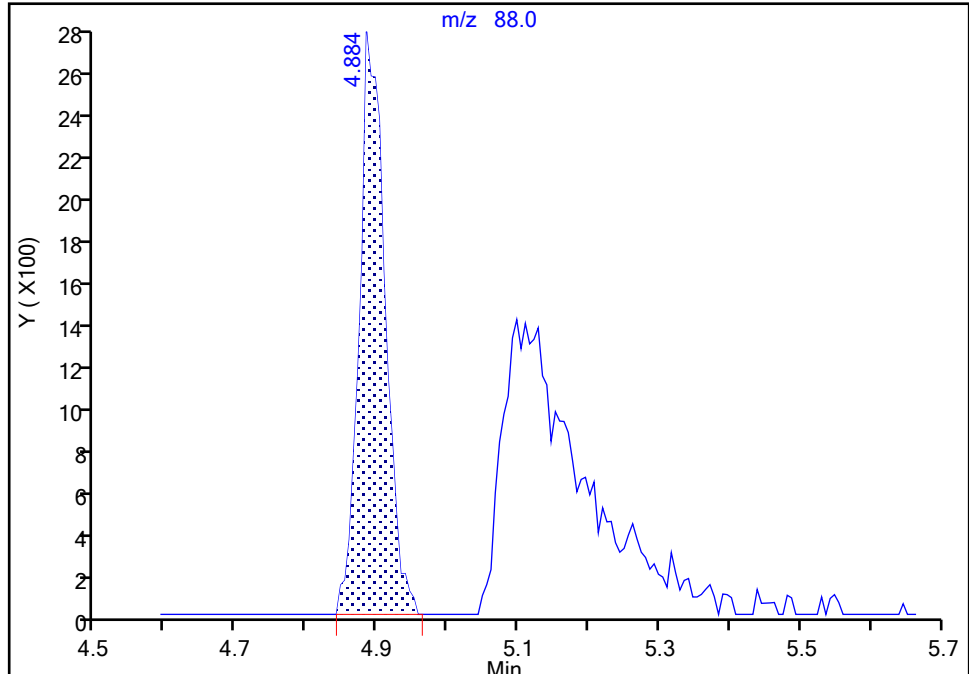
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44564.D
Injection Date: 18-Sep-2021 10:26:30 Instrument ID: CVOAMS17
Lims ID: 460-242808-A-11 MSD
Client ID: MW-24
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector: MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

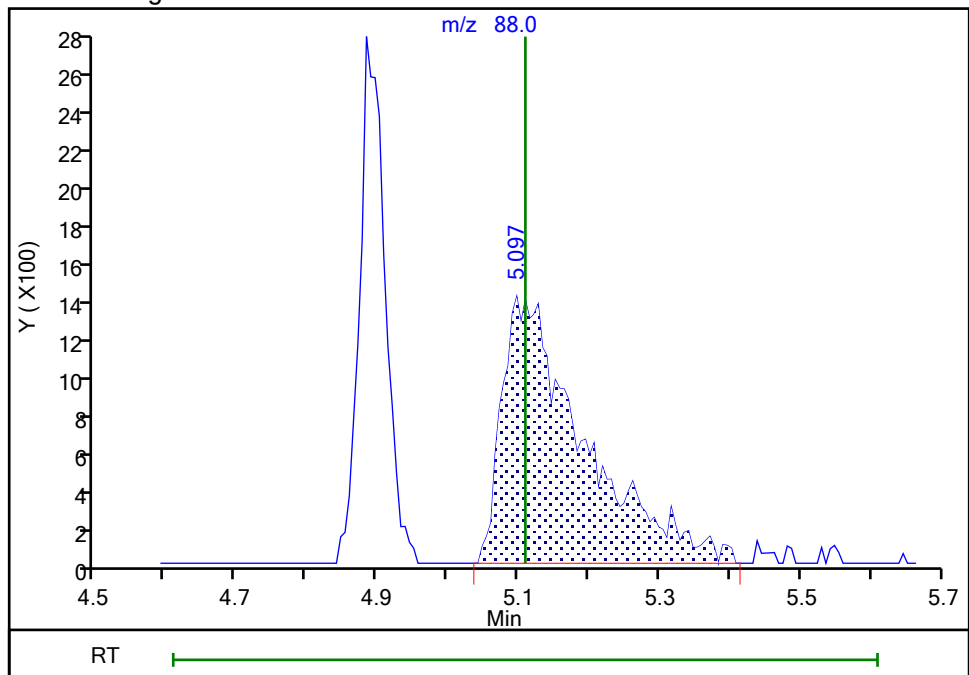
RT: 4.88
Area: 6945
Amount: 261.2447
Amount Units: ug/l

Processing Integration Results



RT: 5.10
Area: 11201
Amount: 421.3394
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 11:02:39

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44564.D

Injection Date: 18-Sep-2021 10:26:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-A-11 MSD

Client ID: MW-24

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

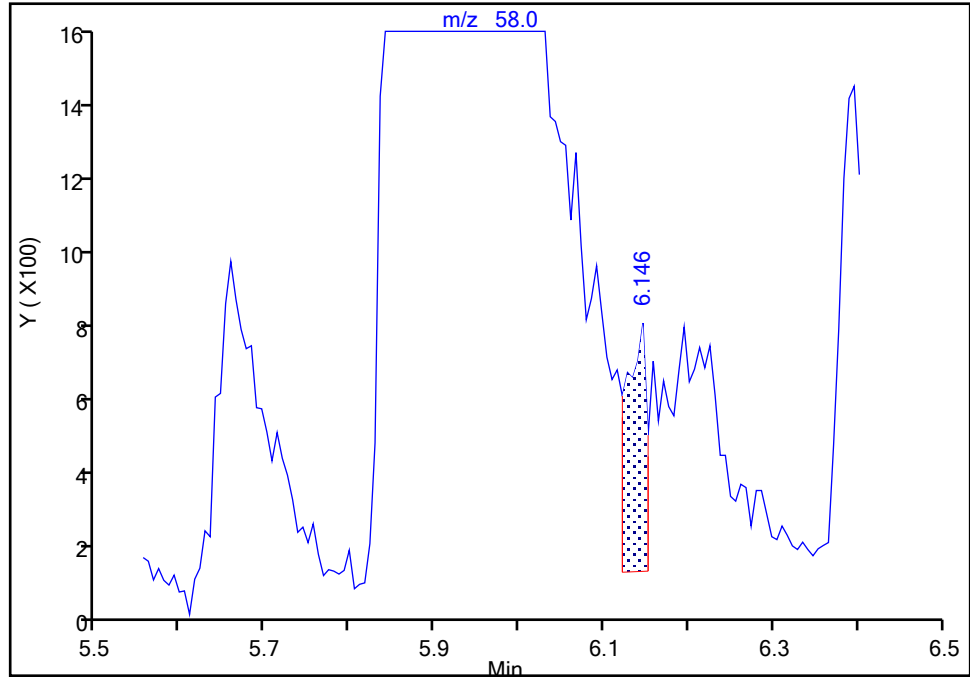
MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

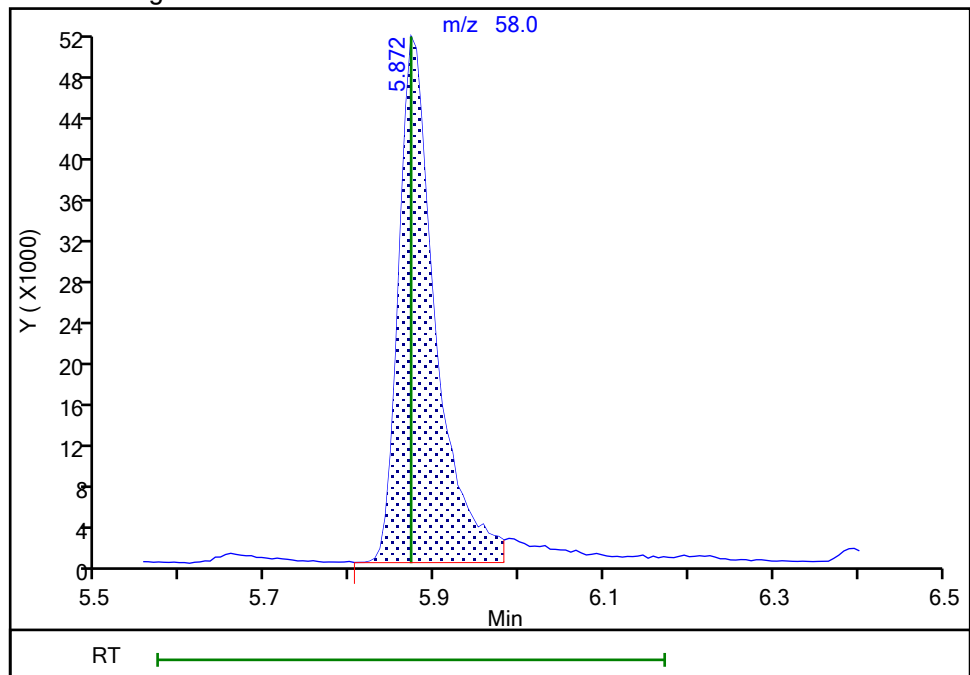
RT: 6.15
Area: 1162
Amount: 0.669848
Amount Units: ug/l

Processing Integration Results



RT: 5.87
Area: 153957
Amount: 88.750313
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 18-Sep-2021 11:02:49

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210918-134688.b\TT44564.D

Injection Date: 18-Sep-2021 10:26:30

Instrument ID: CVOAMS17

Lims ID: 460-242808-A-11 MSD

Client ID: MW-24

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

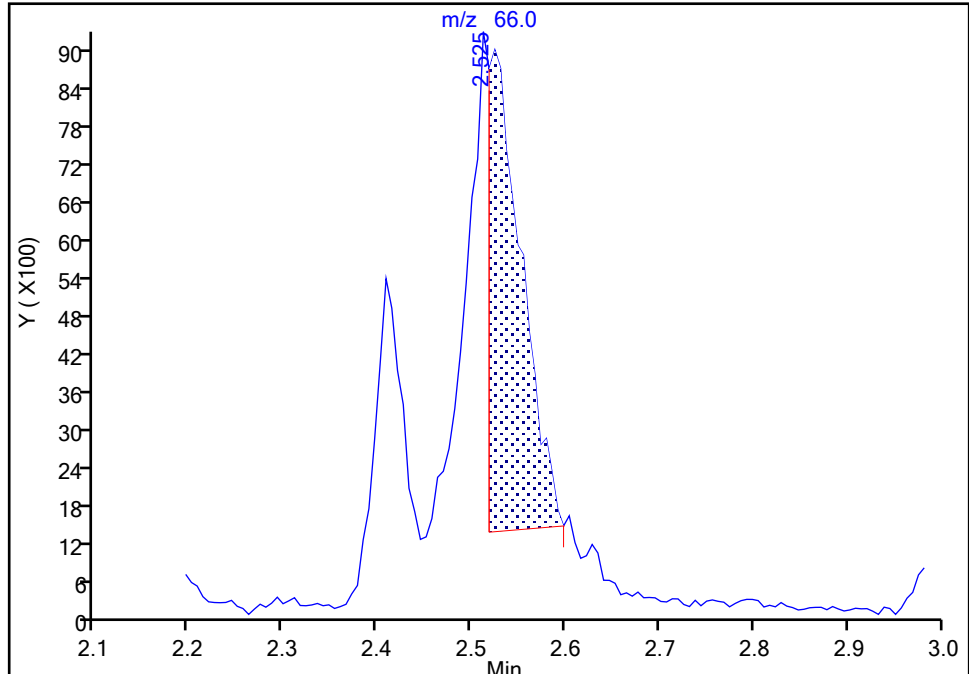
MS Quad

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

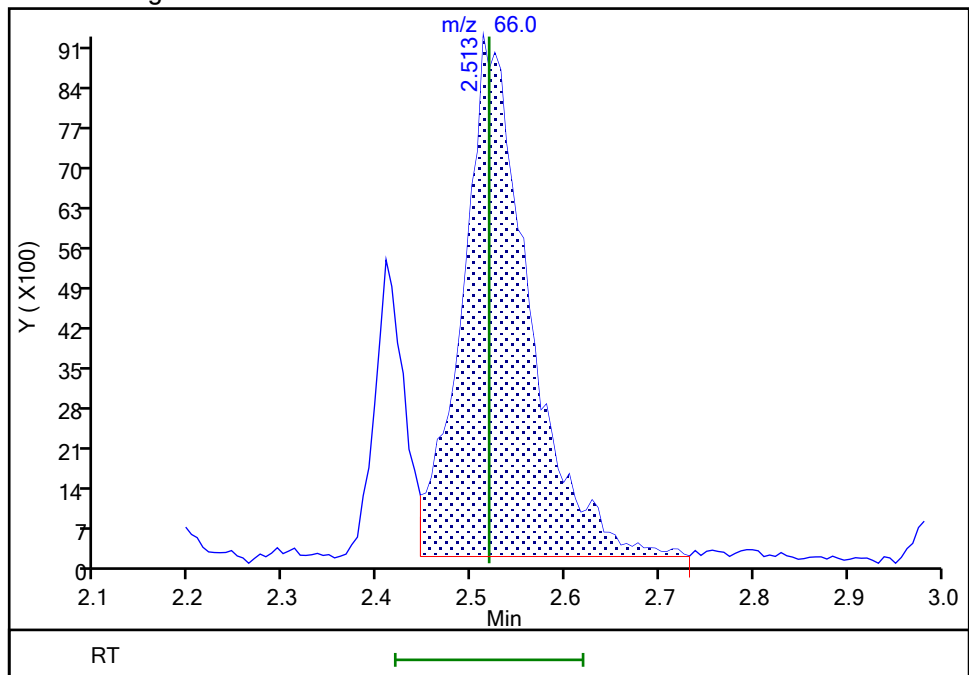
RT: 2.52
Area: 19005
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 2.51
Area: 45143
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 19-Sep-2021 13:13:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Instrument ID: CVOAMS17 Start Date: 09/10/2021 06:48Analysis Batch Number: 800536 End Date: 09/10/2021 13:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-800536/1		09/10/2021 06:48	1	TT44002.D	DB-624 0.18 (mm)
STD8 460-800536/2 IC		09/10/2021 06:59	1	TT44003.D	DB-624 0.18 (mm)
STD5 460-800536/5 IC		09/10/2021 08:01	1	TT44006.D	DB-624 0.18 (mm)
STD20 460-800536/6 ICIS		09/10/2021 08:22	1	TT44007.D	DB-624 0.18 (mm)
STD50 460-800536/7 IC		09/10/2021 08:42	1	TT44008.D	DB-624 0.18 (mm)
STD200 460-800536/8 IC		09/10/2021 09:03	1	TT44009.D	DB-624 0.18 (mm)
STD500 460-800536/9 IC		09/10/2021 09:23	1	TT44010.D	DB-624 0.18 (mm)
STD1 460-800536/15 IC		09/10/2021 12:08	1	TT44016.D	DB-624 0.18 (mm)
ICV 460-800536/17		09/10/2021 13:11	1	TT44018.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-242808-1

SDG No.: _____

Instrument ID: CVOAMS17Start Date: 09/18/2021 06:01Analysis Batch Number: 801985End Date: 09/18/2021 17:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/18/2021 06:01	1		DB-624 0.18 (mm)
CCVIS 460-801985/4		09/18/2021 07:20	1	TT44555.D	DB-624 0.18 (mm)
LCS 460-801985/5		09/18/2021 07:41	1	TT44556.D	DB-624 0.18 (mm)
ZZZZZ		09/18/2021 08:02	1		DB-624 0.18 (mm)
MB 460-801985/9		09/18/2021 09:03	1	TT44560.D	DB-624 0.18 (mm)
ZZZZZ		09/18/2021 09:24	1		DB-624 0.18 (mm)
ZZZZZ		09/18/2021 09:45	1		DB-624 0.18 (mm)
460-242808-11 MS	MW-24 MS	09/18/2021 10:05	1	TT44563.D	DB-624 0.18 (mm)
460-242808-11 MSD	MW-24 MSD	09/18/2021 10:26	1	TT44564.D	DB-624 0.18 (mm)
460-242808-7	TripBlank	09/18/2021 11:28	1	TT44567.D	DB-624 0.18 (mm)
460-242808-8	FB0908	09/18/2021 11:49	1	TT44568.D	DB-624 0.18 (mm)
460-242808-18	FB0913	09/18/2021 12:09	1	TT44569.D	DB-624 0.18 (mm)
460-242808-11	MW-24	09/18/2021 12:30	1	TT44570.D	DB-624 0.18 (mm)
460-242808-1	MW-32A	09/18/2021 12:51	1	TT44571.D	DB-624 0.18 (mm)
460-242808-2	MW-35A	09/18/2021 13:11	1	TT44572.D	DB-624 0.18 (mm)
460-242808-3	MW-10A	09/18/2021 13:32	1	TT44573.D	DB-624 0.18 (mm)
460-242808-4	MW-10	09/18/2021 13:53	1	TT44574.D	DB-624 0.18 (mm)
460-242808-5	MW-11B	09/18/2021 14:13	1	TT44575.D	DB-624 0.18 (mm)
460-242808-6	MW-111B	09/18/2021 14:34	1	TT44576.D	DB-624 0.18 (mm)
460-242808-9	MW-23A	09/18/2021 14:54	1	TT44577.D	DB-624 0.18 (mm)
460-242808-10	MW-11A	09/18/2021 15:15	1	TT44578.D	DB-624 0.18 (mm)
460-242808-12	MW-34A	09/18/2021 15:36	1	TT44579.D	DB-624 0.18 (mm)
460-242808-13	MW-34B	09/18/2021 15:56	1	TT44580.D	DB-624 0.18 (mm)
460-242808-14	MW-12A	09/18/2021 16:17	1	TT44581.D	DB-624 0.18 (mm)
460-242808-15	MW-12B	09/18/2021 16:37	1	TT44582.D	DB-624 0.18 (mm)
460-242808-16	MW-122B	09/18/2021 16:58	1	TT44583.D	DB-624 0.18 (mm)
460-242808-17	MW-20	09/18/2021 17:18	1	TT44584.D	DB-624 0.18 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Batch Number: 800536 Batch Start Date: 09/10/21 06:48 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00133	524freon 00042	8260 SP 00144	8260MIX1COMB 00143
BFB 460-800536/1		8260D		5 mL	5 mL				
STD8 460-800536/2 IC		8260D		5 mL	5 mL				
STD5 460-800536/5 IC		8260D		5 mL	5 mL		10 uL		10 uL
STD20 460-800536/6 ICIS		8260D		5 mL	5 mL		20 uL		20 uL
STD50 460-800536/7 IC		8260D		5 mL	5 mL		50 uL		50 uL
STD200 460-800536/8 IC		8260D		5 mL	5 mL				
STD500 460-800536/9 IC		8260D		5 mL	5 mL				
STD1 460-800536/15 IC		8260D		5 mL	5 mL	30 uL	10 uL		10 uL
ICV 460-800536/17		8260D		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00036	8FreonsSS 00036	ACROLEIN SP 00128	ACROLEIN W 00130	ACRY/EPIH MIX 00089	BFB 00030
BFB 460-800536/1		8260D							1 uL
STD8 460-800536/2 IC		8260D						20 uL	
STD5 460-800536/5 IC		8260D					4 uL		
STD20 460-800536/6 ICIS		8260D					4 uL		
STD50 460-800536/7 IC		8260D					10 uL		
STD200 460-800536/8 IC		8260D		20 uL			20 uL		
STD500 460-800536/9 IC		8260D		50 uL			40 uL		
STD1 460-800536/15 IC		8260D					4 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 1 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Batch Number: 800536 Batch Start Date: 09/10/21 06:48 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00036	8FreonsSS 00036	ACROLEIN SP 00128	ACROLEIN W 00130	ACRY/EPIH MIX 00089	BFB 00030
ICV 460-800536/17		8260D			20 uL	4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00056	GAS C SP 00426	GAS Hi 00396	GASES Li 00437	MIX 2 Hi 00115	MIX I Hi 00142
BFB 460-800536/1		8260D							
STD8 460-800536/2 IC		8260D					2.5 uL		
STD5 460-800536/5 IC		8260D					10 uL		
STD20 460-800536/6 ICIS		8260D					20 uL		
STD50 460-800536/7 IC		8260D					50 uL		
STD200 460-800536/8 IC		8260D		20 uL		20 uL		20 uL	20 uL
STD500 460-800536/9 IC		8260D		50 uL		50 uL		50 uL	50 uL
STD1 460-800536/15 IC		8260D					10 uL		
ICV 460-800536/17		8260D			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00048					
BFB 460-800536/1		8260D							
STD8 460-800536/2 IC		8260D		5 uL					
STD5 460-800536/5 IC		8260D		5 uL					
STD20 460-800536/6 ICIS		8260D		5 uL					
STD50 460-800536/7 IC		8260D		5 uL					
STD200 460-800536/8 IC		8260D		5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 2 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Batch Number: 800536 Batch Start Date: 09/10/21 06:48 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00048					
STD500 460-800536/9 IC		8260D		5 uL					
STD1 460-800536/15 IC		8260D		5 uL					
ICV 460-800536/17		8260D		5 uL					

Batch Notes	

Basis	Basis Description

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: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Batch Number: 801985 Batch Start Date: 09/18/21 06:01 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00042	8260MIX1COMB 00143	ACROLEIN W 00130
CCVIS 460-801985/4		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-801985/5		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-801985/9		8260D		5 mL	5 mL				
460-242808-A-11 MS	MW-24	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-242808-A-11 MSD	MW-24	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-242808-B-7	TripBlank	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-8	FB0908	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-18	FB0913	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-11	MW-24	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-1	MW-32A	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-2	MW-35A	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-3	MW-10A	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-4	MW-10	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-5	MW-11B	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-6	MW-111B	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-C-9	MW-23A	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-10	MW-11A	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-12	MW-34A	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-13	MW-34B	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-14	MW-12A	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-15	MW-12B	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-16	MW-122B	8260D	T	5 mL	5 mL	<2 PH Units			
460-242808-B-17	MW-20	8260D	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00439	VOA6IS/SURR 00048				
CCVIS 460-801985/4		8260D		20 uL	5 uL				
LCS 460-801985/5		8260D		20 uL	5 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Batch Number: 801985 Batch Start Date: 09/18/21 06:01 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00439	VOA6IS/SURR 00048				
MB 460-801985/9		8260D			5 uL				
460-242808-A-11 MS	MW-24	8260D	T	20 uL	5 uL				
460-242808-A-11 MSD	MW-24	8260D	T	20 uL	5 uL				
460-242808-B-7	TripBlank	8260D	T		5 uL				
460-242808-B-8	FB0908	8260D	T		5 uL				
460-242808-B-18	FB0913	8260D	T		5 uL				
460-242808-B-11	MW-24	8260D	T		5 uL				
460-242808-B-1	MW-32A	8260D	T		5 uL				
460-242808-B-2	MW-35A	8260D	T		5 uL				
460-242808-B-3	MW-10A	8260D	T		5 uL				
460-242808-B-4	MW-10	8260D	T		5 uL				
460-242808-B-5	MW-11B	8260D	T		5 uL				
460-242808-B-6	MW-111B	8260D	T		5 uL				
460-242808-C-9	MW-23A	8260D	T		5 uL				
460-242808-B-10	MW-11A	8260D	T		5 uL				
460-242808-B-12	MW-34A	8260D	T		5 uL				
460-242808-B-13	MW-34B	8260D	T		5 uL				
460-242808-B-14	MW-12A	8260D	T		5 uL				
460-242808-B-15	MW-12B	8260D	T		5 uL				
460-242808-B-16	MW-122B	8260D	T		5 uL				
460-242808-B-17	MW-20	8260D	T		5 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.

Shipping and Receiving Documents

Address:

Regulatory Program:

☐ DW ☐ NPDES ☐ RCRA ☒ Other:

MSDC

TAL-8210

Client Contact		Project Manager: Ben Canemi		Site Contact: Ben Canemi		Date: 9/13/21		COC No: 1 of 2 COCs	
Company Name: 640 JPM GROUP		Tel/Email: b.canemi@jpmorgan.com		Lab Contact: Melissa Haag		Carrier: Corner		Sampler: BCIAE	
Address: 640 Johnson Ave, ST 102		City/State/Zip: Bismarck, ND 58102		Phone: 631 737 6200		Fax:		For Lab Use Only:	
Project Name: Deutsch Relays (65 Daily)		Site: 974-21-102		PO #		Analysis Turnaround Time		Walk-in Client:	
						☐ CALENDAR DAYS ☐ WORKING DAYS		Lab Sampling:	
						TAT if different from Below		Job / SDG No.:	
						2 weeks ☐ 1 week ☐ 2 days ☐ 1 day ☐			
						STD			
Sample Identification		Sample Date	Sample Time	Sample Type (G=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
MW-32A		9/8	920	G	GW	3	N	N	NYC 222
MW-35A			1025				N	N	
MW-10A			1130				N	N	
MW-10			1200				N	N	
MW-11B			1230				N	N	
MW 111B			1450				N	N	
Trip Blank			1500		Ag	2	N	N	
FB 0908			1510		Ag	2	N	N	
MW-23A		9/13	1010	G	GW	3	N	N	
MW-11A			1050				N	N	
MW-24			1140				N	N	
MW-34A			1220				N	N	MS/MSD
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown									
Special Instructions/QC Requirements & Comments: Equis 1CATB									
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Received by: [Signature]		Date/Time: 9/14		Cooler Temp. (°C): Obs'd: [Signature] Cor'd: [Signature]	
Relinquished by: [Signature]		Company: FPM		Received by: [Signature]		Date/Time: 9/14/21		Company: [Signature] Date/Time: 9/14/21	
Relinquished by: [Signature]		Company: [Signature]		Received by: [Signature]		Date/Time: 9/14/21		Company: [Signature] Date/Time: 9/14/21	
Relinquished by: [Signature]		Company: [Signature]		Received by: [Signature]		Date/Time: 9/14/21		Company: [Signature] Date/Time: 9/14/21	

24285

IR Gun #

2

Cooler Temperatures

	RAW	CORRECTED
Cooler #1:	26°C	21°C
Cooler #2:	°C	°C
Cooler #3:	°C	°C
Cooler #4:	°C	°C
Cooler #5:	°C	°C
Cooler #6:	°C	°C
Cooler #7:	°C	°C
Cooler #8:	°C	°C
Cooler #9:	°C	°C

[illegible]

If pH adjustments are required record the information below:

Volume of Preservative used (ml):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

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

Initials: foral

Date: 1/4/21

Login Sample Receipt Checklist

Client: FPM Group Limited

Job Number: 460-242808-1

Login Number: 242808

List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: Khlungprakhon, Sukanya

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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	

ATTACHMENT C

DATA USABILITY SUMMARY REPORT

**DATA USABILITY SUMMARY REPORT
FOR SEPTEMBER 2021 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS
LAB REPORT #460-242808-1
DEUTCH RELAYS, INC. SITE
65 DALY ROAD, EAST NORTHPORT, NEW YORK**

This DUSR was prepared using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included nine groundwater samples collected from the existing groundwater monitoring well network. The primary environmental samples include MW-10, MW-10A, MW-11A (substitute for MW-29), MW-11B, MW-12A, MW-12B, MW-20, MW-23A, MW-24, MW-32A, MW-34A, MW-34B and MW-35A.

Sample Collection Procedures

The samples were collected in laboratory-provided glassware utilizing disposable or thoroughly decontaminated sampling equipment. Samples for Quality Assurance/Quality Control (QA/QC) were also obtained to evaluate field sampling methods and laboratory procedures. All sample collection was conducted under Chain of Custody (COC) procedures and in general accordance with the QA/QC procedures presented in the approved Site Management Plan (SMP) dated January 2021.

Sample Analyses

The samples were transported by the laboratory courier and analyzed by Eurofins Testing America at their Edison, New Jersey (VOCs) which is a New York State Department of Health-certified to perform the required analyses. The samples were prepared and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) using Methods 5030C/8260D. The analytical method and analytes are appropriate for the intended use of the data. The sample holding times were met and no problems with sample receipt or handling were reported by the laboratory.

The continuing calibration verification (CCV) analyzed in batch 460-788306 was outside the method criteria for the following analyte(s): Chloromethane (biased high); Bromoform and Tetrachloroethene the reporting limit was analyzed with the affected samples and found to be acceptable. Based on the provided information, with respect to prior analytical data and COC of concern for site, this issue does not appear to have significantly affected the analytical results.

The continuing calibration verification (CCV) analyzed in batch 460-801985 recovered above the upper control limit for bromoform and carbon tetrachloride, but were reported as these compounds were not detected in the primary samples. Based on the provided information, with respect to the COC for the site, this issue does not appear to have significantly affected the analytical results.

Surrogate recoveries in each of the samples were within acceptance limits, indicating that the data are anticipated to be accurate.

An equipment blank sample was collected on each day of sampling to evaluate potential contamination from field sampling procedures. No constituents were detected in the equipment blank sample, with the exception of a low estimated concentration of methylene chloride, a common laboratory artifact. Based on this information, cross-contamination from field sampling

procedures does not appear to present a concern for the contaminants of interest at this site.

A trip blank sample was used to verify that cross-contamination of samples did not occur in the field or laboratory. No VOCs were detected in the trip blank sample. Based on this information, cross-contamination between samples does not appear to present a concern for the VOCs of interest at this site.

Duplicate samples were collected and utilized to evaluate the precision of the laboratory analysis. The results from the duplicate sample (MW-111B and MW-122B) and the associated parent sample (MW—11B and MW-12B) are very similar and, therefore, the laboratory results are likely to be precise.

A matrix spike/matrix spike duplicate (MS/MSD) sample was prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. 2-Hexanone was noted to have failed the recovery criteria (biased low) in both the MS and MSD samples. Based on information provided by the analytical laboratory, the absence of 2-hexanone in the primary samples and that all MS/MSD results were within QC limits for the contaminants of concern for the sites, it does not appear that matrix-related effects have significantly affected the analytical results for the constituents of concern.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results did not show concentrations of VOCs above their method detection limits, therefore laboratory contamination does not appear to present a concern for the VOCs at this site.

Laboratory control samples (LCS) was used by the laboratory to verify the accuracy and precision of the analyses. The LCS %Rs were all within established limits, therefore the laboratory results are accurate and precise for the intended purpose.

Questions and Responses

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms, including sample prep logs, and injection logs are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

Data completeness for the field program was also verified. The numbers and types of samples collected are in general agreement with the SMP.

2. Have all holding times been met?

All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration

verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

No – Although the majority of QC data were found to fall within the protocol-required limits and specifications, minor exceptions were noted above; however, these exceptions do not appear to significantly affect the data set.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

Yes - all of the data were generated using Methods 5030C/ 8260D (VOCs).

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

Yes – results below the quantitation limit and above the method detection limit have been J-qualified and results analyzed for but not detected have been U-qualified. No other qualifiers were indicated or applied.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

Yes – exceedances have been noted in the DUSR and the corresponding QC summary sheets are attached.

Conclusions

The groundwater samples were collected in accordance with NYSDEC guidance and the approved plans. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

Attachments

S:\Engel Burman\65 Daly Road\Site Management\GW Sampling 2021\AUGSEPT2021\VOCs-GWDUSR.Docx

ANALYTICAL REPORT

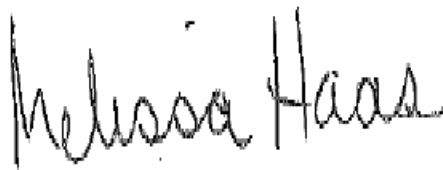
Job Number: 460-242808-1

Job Description: Deutsch Relays, Inc.-65 Daly Rd.

For:

FPM Group Limited
640 Johnson Avenue
Suite 101
Bohemia, NY 11716

Attention: Ms. Stephanie Davis



Approved for release.
Melissa Haas
Senior Project Manager
9/20/2021 5:37 PM

Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@Eurofinset.com
09/20/2021

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

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

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

CASE NARRATIVE

Client: FPM Group Limited

Project: Deutsch Relays, Inc.-65 Daly Rd.

Report Number: 460-242808-1

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

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

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

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

RECEIPT

The samples were received on 09/14/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.1 C.

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

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples MW-32A (460-242808-1), MW-35A (460-242808-2), MW-10A (460-242808-3), MW-10 (460-242808-4), MW-11B (460-242808-5), MW-111B (460-242808-6), TripBlank (460-242808-7), FB0908 (460-242808-8), MW-23A (460-242808-9), MW-11A (460-242808-10), MW-24 (460-242808-11), MW-34A (460-242808-12), MW-34B (460-242808-13), MW-12A (460-242808-14), MW-12B (460-242808-15), MW-122B (460-242808-16), MW-20 (460-242808-17) and FB0913 (460-242808-18) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 09/18/2021.

The continuing calibration verification (CCV) associated with batch 460-801985 recovered above the upper control limit for Bromoform and Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

2-Hexanone failed the recovery criteria low for the MS of sample MW-24MS (460-242808-11) in batch 460-801985.

2-Hexanone failed the recovery criteria low for the MSD of sample MW-24MSD (460-242808-11) in batch 460-801985.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-242808-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: TT44563.D

Lab ID: 460-242808-11 MS

Client ID: MW-24 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	21.7	108	68-128	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	18.2	91	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	2.4	19.7	87	59-142	
1,1,2-Trichloroethane	20.0	0.20 U	17.8	89	74-125	
1,1-Dichloroethane	20.0	0.26 U	19.5	98	73-130	
1,1-Dichloroethene	20.0	0.26 U	18.8	94	68-133	
1,2,3-Trichlorobenzene	20.0	0.36 U	15.6	78	53-144	
1,2,4-Trichlorobenzene	20.0	0.37 U	16.3	81	64-132	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	18.0	90	41-143	
1,2-Dichlorobenzene	20.0	0.21 U	18.0	90	79-122	
1,2-Dichloroethane	20.0	0.43 U	17.7	89	75-121	
1,2-Dichloropropane	20.0	0.35 U	18.3	91	76-126	
1,3-Dichlorobenzene	20.0	0.34 U	17.3	87	80-121	
1,4-Dichlorobenzene	20.0	0.33 U	17.1	85	80-118	
1,4-Dioxane	400	28 U	334	83	70-142	
2-Butanone (MEK)	100	1.9 U	74.3	74	69-128	
2-Hexanone	100	1.1 U	70.7	71	74-127	F1
4-Methyl-2-pentanone (MIBK)	100	1.3 U	84.3	84	69-128	
Acetone	100	4.4 U	70.0	70	61-134	
Benzene	20.0	0.20 U	18.9	94	78-126	
Bromoform	20.0	0.54 U	21.0	105	38-144	
Bromomethane	20.0	0.55 U	19.3	97	43-150	
Carbon disulfide	20.0	0.82 U	17.9	89	64-138	
Carbon tetrachloride	20.0	0.21 U	24.7	123	56-131	
Chlorobenzene	20.0	0.38 U	18.1	90	80-119	
Chlorobromomethane	20.0	0.41 U	17.0	85	73-126	
Chlorodibromomethane	20.0	0.28 U	21.2	106	58-130	
Chloroethane	20.0	0.32 U	23.9	120	50-150	
Chloroform	20.0	0.33 U	19.3	96	78-125	
Chloromethane	20.0	0.40 U	19.1	96	38-150	
cis-1,2-Dichloroethene	20.0	0.22 U	18.3	92	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	20.6	103	74-125	
Cyclohexane	20.0	0.32 U	19.8	99	67-133	
Dichlorobromomethane	20.0	0.34 U	18.9	95	72-121	
Dichlorodifluoromethane	20.0	0.31 U	15.0	75	31-150	
Ethylbenzene	20.0	0.30 U	18.9	94	78-120	
Ethylene Dibromide	20.0	0.50 U	19.7	99	69-126	
Isopropylbenzene	20.0	0.34 U	20.3	102	79-125	
Methyl acetate	40.0	0.79 U	34.4	86	70-127	
Methyl tert-butyl ether	20.0	0.22 U	19.2	96	65-131	
Methylcyclohexane	20.0	0.71 U	19.6	98	60-139	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT44563.D
 Lab ID: 460-242808-11 MS Client ID: MW-24 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	0.32 U	18.0	90	74-127	
m-Xylene & p-Xylene	20.0	0.30 U	19.0	95	78-123	
o-Xylene	20.0	0.36 U	19.1	95	78-122	
Styrene	20.0	0.42 U	19.4	97	75-127	
Tetrachloroethene	20.0	0.25 U	17.8	89	70-127	
Toluene	20.0	0.38 U	18.7	93	78-119	
trans-1,2-Dichloroethene	20.0	0.24 U	18.8	94	74-126	
trans-1,3-Dichloropropene	20.0	0.22 U	23.7	119	66-127	
Trichloroethene	20.0	0.31 U	16.5	83	71-121	
Trichlorofluoromethane	20.0	0.32 U	18.4	92	61-140	
Vinyl chloride	20.0	0.17 U	19.9	99	61-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-242808-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: TT44564.D

Lab ID: 460-242808-11 MSD

Client ID: MW-24 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	22.5	113	4	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	2	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0	88	1	30	59-142	
1,1,2-Trichloroethane	20.0	18.5	93	4	30	74-125	
1,1-Dichloroethane	20.0	20.1	100	3	30	73-130	
1,1-Dichloroethene	20.0	19.4	97	3	30	68-133	
1,2,3-Trichlorobenzene	20.0	16.8	84	7	30	53-144	
1,2,4-Trichlorobenzene	20.0	17.2	86	6	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	18.1	91	1	30	41-143	
1,2-Dichlorobenzene	20.0	18.7	93	4	30	79-122	
1,2-Dichloroethane	20.0	18.7	94	5	30	75-121	
1,2-Dichloropropane	20.0	19.3	96	5	30	76-126	
1,3-Dichlorobenzene	20.0	18.5	92	6	30	80-121	
1,4-Dichlorobenzene	20.0	18.1	91	6	30	80-118	
1,4-Dioxane	400	421	105	23	30	70-142	
2-Butanone (MEK)	100	79.3	79	6	30	69-128	
2-Hexanone	100	73.4	73	4	30	74-127	F1
4-Methyl-2-pentanone (MIBK)	100	88.8	89	5	30	69-128	
Acetone	100	72.4	72	3	30	61-134	
Benzene	20.0	19.4	97	3	30	78-126	
Bromoform	20.0	22.0	110	4	30	38-144	
Bromomethane	20.0	20.5	102	6	30	43-150	
Carbon disulfide	20.0	18.3	92	2	30	64-138	
Carbon tetrachloride	20.0	25.2	126	2	30	56-131	
Chlorobenzene	20.0	18.7	93	3	30	80-119	
Chlorobromomethane	20.0	17.7	89	4	30	73-126	
Chlorodibromomethane	20.0	21.9	109	3	30	58-130	
Chloroethane	20.0	25.1	125	5	30	50-150	
Chloroform	20.0	20.0	100	4	30	78-125	
Chloromethane	20.0	20.3	102	6	30	38-150	
cis-1,2-Dichloroethene	20.0	18.9	94	3	30	78-121	
cis-1,3-Dichloropropene	20.0	21.8	109	6	30	74-125	
Cyclohexane	20.0	20.3	102	2	30	67-133	
Dichlorobromomethane	20.0	20.1	100	6	30	72-121	
Dichlorodifluoromethane	20.0	15.2	76	2	30	31-150	
Ethylbenzene	20.0	19.7	98	4	30	78-120	
Ethylene Dibromide	20.0	20.4	102	3	30	69-126	
Isopropylbenzene	20.0	20.8	104	2	30	79-125	
Methyl acetate	40.0	34.2	86	0	30	70-127	
Methyl tert-butyl ether	20.0	19.9	100	4	30	65-131	
Methylcyclohexane	20.0	19.9	99	1	30	60-139	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT44564.D
 Lab ID: 460-242808-11 MSD Client ID: MW-24 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Methylene Chloride	20.0	18.5	93	3	30	74-127	
m-Xylene & p-Xylene	20.0	19.8	99	4	30	78-123	
o-Xylene	20.0	19.8	99	4	30	78-122	
Styrene	20.0	20.1	100	3	30	75-127	
Tetrachloroethene	20.0	18.3	92	3	30	70-127	
Toluene	20.0	19.5	98	4	30	78-119	
trans-1,2-Dichloroethene	20.0	19.3	96	2	30	74-126	
trans-1,3-Dichloropropene	20.0	25.0	125	5	30	66-127	
Trichloroethene	20.0	17.5	87	6	30	71-121	
Trichlorofluoromethane	20.0	19.4	97	5	30	61-140	
Vinyl chloride	20.0	20.3	101	2	30	61-144	

Column to be used to flag recovery and RPD values

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1

SDG No.: _____

Lab Sample ID: CCVIS 460-801985/4 Calibration Date: 09/18/2021 07:20

Instrument ID: CVOAMS17 Calib Start Date: 09/10/2021 06:59

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/10/2021 12:08

Lab File ID: TT44555.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
Tert-butyl ethyl ether	Ave	1.287	1.543		24.0	20.0	19.9	20.0
2,2-Dichloropropane	Ave	0.1044	0.1384		26.5	20.0	32.6*	20.0
cis-1,2-Dichloroethene	Ave	0.4814	0.4736	0.1000	19.7	20.0	-1.6	20.0
2-Butanone (MEK)	Ave	0.3408	0.2856	0.0500	83.8	100	-16.2	50.0
Ethyl acetate	Ave	0.2744	0.2811		41.0	40.0	2.4	20.0
Methyl acrylate	Ave	0.3417	0.3373		19.7	20.0	-1.3	20.0
Propionitrile	QuaF		12.34		175	200	-12.3	20.0
Chlorobromomethane	Ave	0.2332	0.2184		18.7	20.0	-6.3	20.0
Tetrahydrofuran	Ave	0.4524	0.3576		31.6	40.0	-21.0*	20.0
Methacrylonitrile	Ave	0.1578	0.1485		188	200	-5.9	20.0
Chloroform	Ave	0.7549	0.7681	0.2000	20.3	20.0	1.7	20.0
Cyclohexane	Ave	0.5714	0.5461	0.1000	19.1	20.0	-4.4	50.0
1,1,1-Trichloroethane	Ave	0.5390	0.6093	0.1000	22.6	20.0	13.0	20.0
Carbon tetrachloride	Ave	0.3811	0.4730	0.1000	24.8	20.0	24.1*	20.0
1,1-Dichloropropene	Ave	0.5810	0.5558		19.1	20.0	-4.3	20.0
Isobutyl alcohol	Ave	3.882	3.092		398	500	-20.4	50.0
Isooctane	Ave	1.471	1.432		19.5	20.0	-2.7	20.0
Benzene	Ave	2.333	2.297	0.5000	19.7	20.0	-1.5	20.0
Tert-amyl methyl ether	Ave	1.272	1.446		22.7	20.0	13.7	20.0
1,2-Dichloroethane	Ave	0.5745	0.5585	0.1000	19.4	20.0	-2.8	20.0
Isopropyl acetate	Ave	0.2000	0.2199		22.0	20.0	10.0	20.0
n-Heptane	Ave	0.0906	0.0776		17.1	20.0	-14.3	20.0
Trichloroethene	Ave	0.4097	0.3567	0.2000	17.4	20.0	-12.9	20.0
Methylcyclohexane	Ave	0.6529	0.6254	0.1000	19.2	20.0	-4.2	50.0
Ethyl acrylate	Qua2		0.0443		19.1	20.0	-4.4	20.0
1,2-Dichloropropane	Ave	0.4517	0.4434	0.1000	19.6	20.0	-1.8	20.0
Methyl methacrylate	QuaF		0.0721		35.3	40.0	-11.8	20.0
Dibromomethane	Ave	0.2499	0.2299		18.4	20.0	-8.0	20.0
1,4-Dioxane	Ave	1.496	1.888		505	400	26.2	50.0
n-Propyl acetate	QuaF		0.5246		18.5	20.0	-7.5	20.0
Dichlorobromomethane	Ave	0.4780	0.4827	0.2000	20.2	20.0	1.0	20.0
2-Nitropropane	Ave	0.0641	0.0869		54.3	40.0	35.6*	20.0
2-Chloroethyl vinyl ether	Ave	0.2239	0.2148		19.2	20.0	-4.1	20.0
Epichlorohydrin	QuaF		0.2323		341	400	-14.8	20.0
cis-1,3-Dichloropropene	Ave	0.8000	0.8692	0.2000	21.7	20.0	8.6	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.270	1.179	0.0500	92.9	100	-7.1	50.0
Toluene	Ave	2.202	2.152	0.4000	19.6	20.0	-2.2	20.0
trans-1,3-Dichloropropene	Ave	0.5856	0.7368	0.1000	25.2	20.0	25.8	50.0
Ethyl methacrylate	QuaF		0.6815		22.1	20.0	10.4	20.0
1,1,2-Trichloroethane	Ave	0.4166	0.3944	0.1000	18.9	20.0	-5.3	20.0
Tetrachloroethene	Ave	0.5060	0.4613	0.2000	18.2	20.0	-8.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-242808-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-801985/4 Calibration Date: 09/18/2021 07:20
 Instrument ID: CVOAMS17 Calib Start Date: 09/10/2021 06:59
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/10/2021 12:08
 Lab File ID: TT44555.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.8251	0.8174		19.8	20.0	-0.9	20.0
2-Hexanone	QuaF		1.592	0.0500	74.9	100	-25.1	50.0
Chlorodibromomethane	Ave	0.3924	0.4503	0.1000	23.0	20.0	14.8	50.0
n-Butyl acetate	Ave	0.8195	1.029		25.1	20.0	25.5*	20.0
Ethylene Dibromide	Ave	0.3979	0.4174	0.1000	21.0	20.0	4.9	20.0
Chlorobenzene	Ave	1.394	1.315	0.5000	18.9	20.0	-5.7	20.0
Ethylbenzene	Ave	0.7476	0.7480	0.1000	20.0	20.0	0.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4047	0.5134		25.4	20.0	26.9*	20.0
m-Xylene & p-Xylene	Ave	0.8938	0.8935	0.1000	20.0	20.0	-0.0	20.0
o-Xylene	Ave	0.9279	0.9510	0.3000	20.5	20.0	2.5	20.0
n-Butyl acrylate	QuaF		0.3569		20.1	20.0	0.7	20.0
Styrene	Ave	1.400	1.437	0.3000	20.5	20.0	2.6	20.0
Bromoform	Ave	0.2384	0.2887	0.1000	24.2	20.0	21.1*	20.0
Amyl acetate (mixed isomers)	QuaF		1.904		19.4	20.0	-3.1	20.0
Isopropylbenzene	Ave	2.459	2.610	0.1000	21.2	20.0	6.1	20.0
Bromobenzene	Ave	1.111	1.042		18.8	20.0	-6.1	20.0
1,1,2,2-Tetrachloroethane	Ave	1.334	1.355	0.3000	20.3	20.0	1.5	20.0
N-Propylbenzene	Ave	5.643	5.973		21.2	20.0	5.9	20.0
1,2,3-Trichloropropane	Ave	0.3397	0.3276		19.3	20.0	-3.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3096	0.3132		20.2	20.0	1.2	20.0
2-Chlorotoluene	Ave	3.671	3.795		20.7	20.0	3.4	20.0
4-Ethyltoluene	Ave	4.388	4.646		21.2	20.0	5.9	20.0
1,3,5-Trimethylbenzene	Ave	3.839	3.991		20.8	20.0	4.0	20.0
4-Chlorotoluene	Ave	3.738	3.865		20.7	20.0	3.4	20.0
Butyl Methacrylate	QuaF		1.289		22.6	20.0	12.8	20.0
tert-Butylbenzene	Ave	3.053	2.943		19.3	20.0	-3.6	20.0
1,2,4-Trimethylbenzene	Ave	3.953	4.220		21.3	20.0	6.7	20.0
sec-Butylbenzene	Ave	5.012	5.182		20.7	20.0	3.4	20.0
1,3-Dichlorobenzene	Ave	2.126	2.006	0.6000	18.9	20.0	-5.7	20.0
4-Isopropyltoluene	Ave	4.081	4.239		20.8	20.0	3.9	20.0
1,4-Dichlorobenzene	Ave	2.143	1.980	0.5000	18.5	20.0	-7.6	20.0
1,2,3-Trimethylbenzene	Ave	4.171	4.350		20.9	20.0	4.3	20.0
Benzyl chloride	QuaF		1.959		26.8	20.0	33.9	50.0
Indan	Ave	3.807	3.956		20.8	20.0	3.9	20.0
p-Diethylbenzene	Ave	2.171	2.238		20.6	20.0	3.1	20.0
n-Butylbenzene	Ave	2.345	2.522		21.5	20.0	7.6	20.0
1,2-Dichlorobenzene	Ave	2.050	1.999	0.4000	19.5	20.0	-2.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.986	4.057		20.4	20.0	1.8	20.0
1,2-Dibromo-3-Chloropropane	QuaF		0.2346	0.0500	21.0	20.0	5.1	50.0
1,3,5-Trichlorobenzene	Ave	1.781	1.685		18.9	20.0	-5.4	20.0
1,2,4-Trichlorobenzene	Ave	1.706	1.646	0.2000	19.3	20.0	-3.5	20.0