



November 29, 2019

Transmitted: PDF File via E-Mail and USPS 1st Class Mail

Mr. Kent Johnson
Senior Engineering Geologist
New York State Dept. of Environmental Conservation
Division of Environmental Remediation
Remedial Section B, Remedial Bureau E
625 Broadway
Albany, NY 12233-7017

**SUBJECT: Groundwater Monitoring Report for 2019
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York**

Dear Mr. Johnson:

This letter serves as the Safety-Kleen Systems, Inc., (Safety-Kleen) 2019 groundwater monitoring report for the former Safety-Kleen Service Center addressed 27 St. Charles Street in Thornwood, New York (the "Site", refer to **Attachment 1**). Report sections include summaries of Site status, field and laboratory activities, results, conclusions and recommendations for the Site for activities conducted since the previous report during calendar year 2018.

CLOSURE COMPLIANCE STATUS

The Site is in the Compliance Monitoring phase of the Post Closure Monitoring program. A New York State multi-site Consent Order has been proposed by the New York State Department of Environmental Conservation (NYSDEC), and a draft of document is to be provided by the Department.

SCOPE OF WORK

The following scope of work was performed at the Site during the reporting period:

1. Groundwater gauging, collection of field parameters, and sampling of Site wells on March 26, 2019 and September 25, 2019; and
2. Maintenance of the Oxygen Release Compound – Advanced (ORC-A®) slow release filter socks, available from Regenesis in San Clemente, California, in well GT-2R.

GROUNDWATER GAUGING AND FIELD PARAMETER COLLECTION

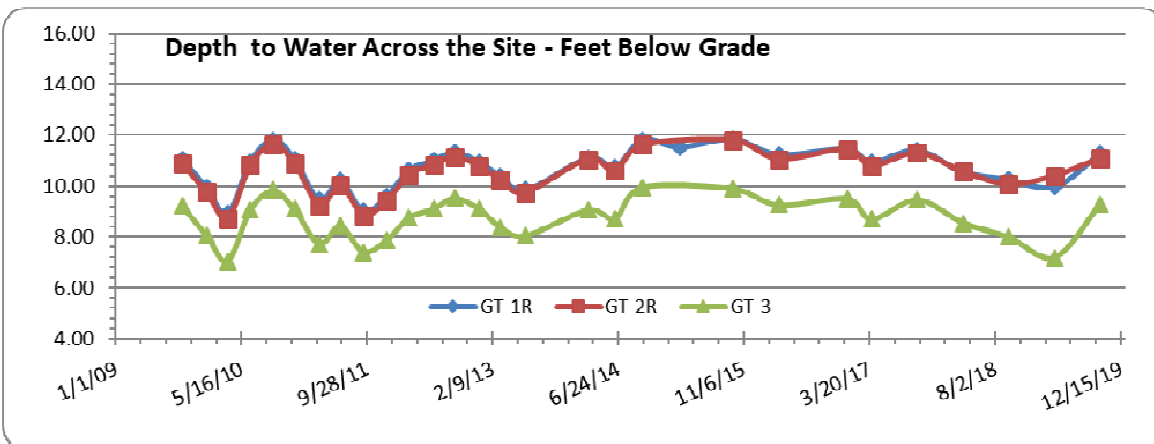
Wells GT-1R, GT-2R, GT-3, GT-4 and GT-5 are monitored twice per year, and were scheduled for monitoring in March and September 2019. Clean Harbors Environmental Services performed on-site field services on March 26 and September 25, 2019. All monitoring wells were gauged and sampled as scheduled.

ORC-A® filter socks, deployed in well GT-2R, were removed prior to monitoring, and replaced, with new socks deployed in the well during both the March and September 2019 events.

Groundwater Sampling Records, including depth-to-groundwater, temperature, pH, conductivity, dissolved oxygen (DO), redox potential (ORP), and visual turbidity recorded for each location, are provided as **Attachment 2**. Current and historic Site field parameter measurements are presented in **Attachment 3, Table 1**.

Depth-to-groundwater was within typical historic ranges, and fluctuations over time were generally consistent from well to well. The changes in the depth to water across the Site (wells GT-1R, GT-2R and GT-3) are presented below in **Figure 1**.

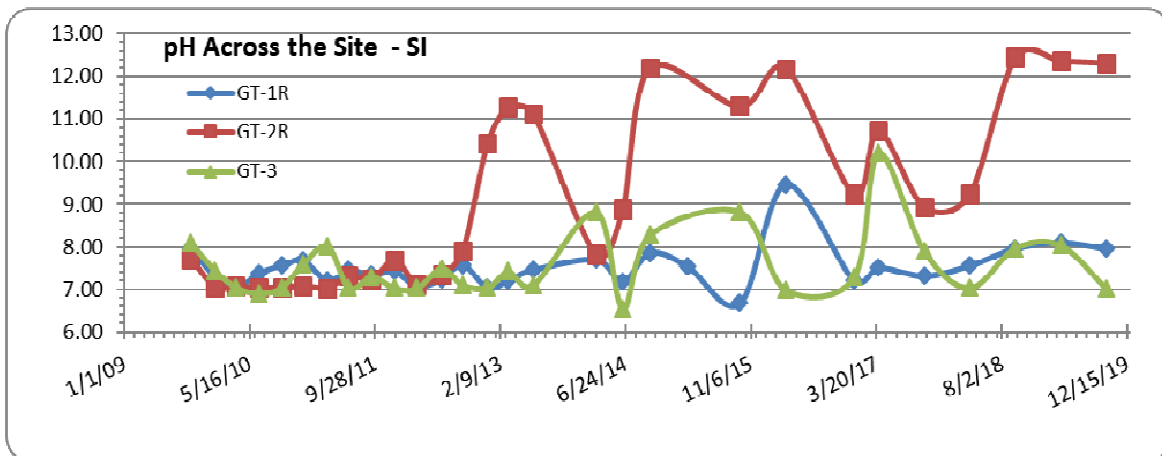
Figure 1



Water table elevations were used to develop contour maps (**Attachment 1**). Interpreted flow direction during the March 2019 was generally to the southwest with a gradient of approximately 3.0%. Interpreted flow direction during the September 2019 event was more consistent with historic observations, generally to the northwest with a gradient of approximately 0.8%.

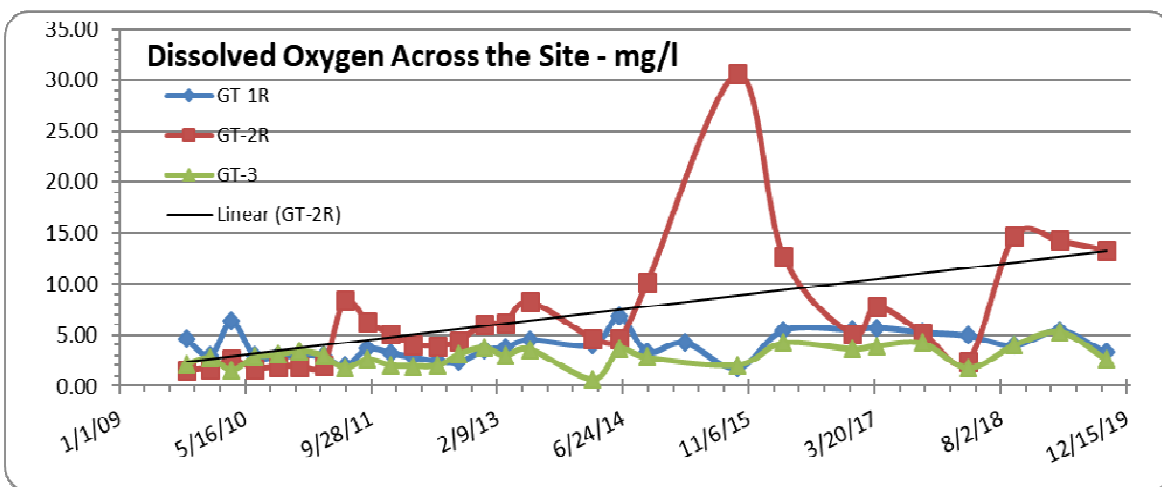
The pH across the Site (wells GT-1R, GT-2R and GT-3) is presented below in **Figure 2**. ORC-A® media appears to be locally influencing the pH at well GT-2R, a common occurrence with application of this product.

Figure 2



DO trends for wells GT-1R, GT-2R and GT-3 are presented below as **Figure 3**. Fluctuations in DO measured at GT-2R are likely due to the dissolution of the ORC®-A media.

Figure 3



GROUNDWATER SAMPLING

Each well sampled was purged of 3 to 5 well volumes (conditions permitting) of groundwater with a submersible or peristaltic pump or bailer prior to sampling. Samples were collected with dedicated polyethylene bailers and placed into laboratory-supplied glass containers. Blind duplicate samples were collected for quality assurance purposes from well GT-2R. A trip blank was also processed with each shipment.

Samples were sent to Test America, Inc. (TA) in Edison, New Jersey for analysis of Volatile Organic Compounds (VOCs) by EPA Method 8260c and Mineral Spirit Range Organics (MSRO) by EPA Method 8215d. TA holds New York NELAP and NYSDOH

laboratory certifications. Samples were kept cool during transport to the laboratory and were accompanied by chain-of-custody documents and a trip blank.

GROUNDWATER ANALYTICAL RESULTS

Groundwater analytical data are presented in **Attachment 3, Table 2**. The laboratory analytical reports are included as **Attachment 4**.

VOCs

Similar to previous events, low concentrations of several VOCs were reported in groundwater samples from one or more wells during both monitoring events in 2019. Nearly all detected VOCs were below applicable regulatory standards with the following exception:

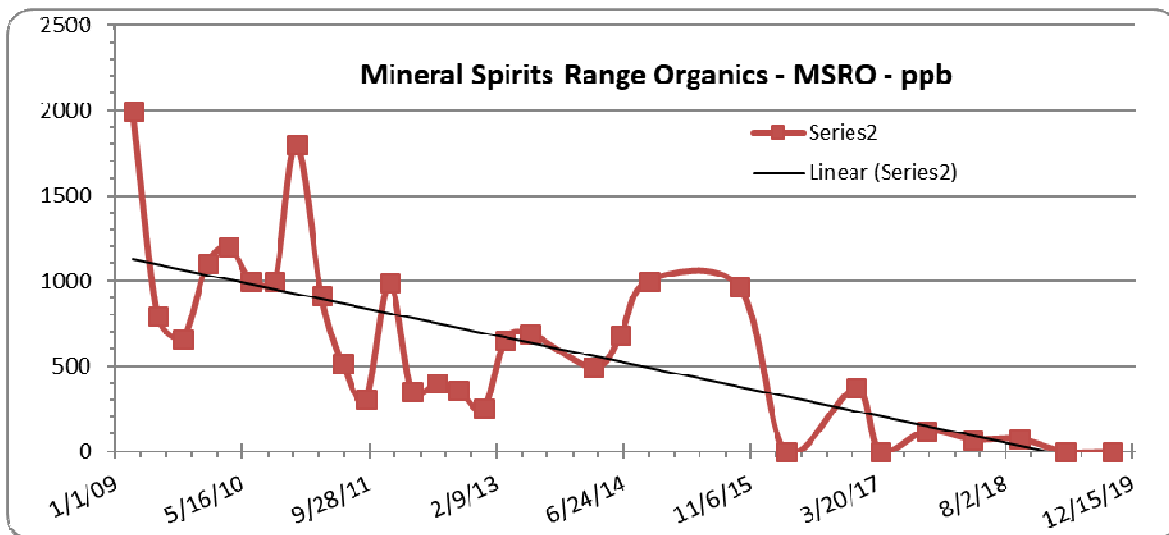
- Chlorobenzene (6.4 micrograms per liter [ug/L]) was slightly above the standard of 5 ug/L in GT-2R during the September 2019 event.

MSRO

No concentrations of MSRO were detected above laboratory reporting limits in any groundwater samples collected during the March or September 2019 monitoring events.

The concentration of MSRO at well GT-2R from 2009 through the present is provided below in **Figure 4**, and exhibits a declining trend, notably assisted by well redevelopment in March 2016.

Figure 4



Laboratory Quality Control and Data Qualifications:

Several VOCs were detected in the trip blanks associated with both the March and September 2019 monitoring events, including acetone, ethylbenzene, methylene chloride, and/or xylenes. Of these constituents, only acetone was detected in one well (GT-2R) during the September 2019 event and has been appropriately qualified in **Attachment 3, Table 2**.

No other qualifications were noted for site-related compounds.

GROUNDWATER SAMPLING SUMMARY

1. Depth to water across the Site generally stayed within the typical ranges historically recorded on-site of between approximately 7 and 11 feet below grade. Direction of groundwater flow during the March 2019 was interpreted to the southwest; however, flow direction interpreted during the September 2019 event to the northwest was more consistent with historic observations.
2. The groundwater pH was generally within the range for naturally occurring groundwater, with the exception of well GT-2R where elevated pH is believed due to dissolution of ORC-A® media socks deployed in the well. Likewise, DO at well GT-2R fluctuates due to ORC-A® media influencing the groundwater.
3. Chlorobenzene (6.4 ug/L) was the only VOCs detected slightly above its regulatory standard of 5 ug/L in GT-2R during the September 2019 event. The trace detections of Tetrachloroethene and associated breakdown products may be indicative of a regional matter not associated with former Safety-Kleen Site operations.
4. No concentrations of MSRO were detected above laboratory reporting limits in any groundwater samples collected during the March or September 2019 monitoring events. MSRO has been non-detect or below regulatory criteria in all monitoring wells (other than GT-2R) since March 2016 as acknowledged in the Department's letter of March 19, 2019.

CONCLUSIONS

The MSRO concentrations in well GT-2R have declined following ORC-A® filter sock deployment in 2011 and redevelopment in March 2016, with no MSRO detected during the most recent monitoring events conducted in March and September 2019. The DO generated during dissolution of the ORC-A® media appears to have been effective in lowering MSRO concentrations at the Site.

RECOMMENDATIONS

1. Remove the ORC-A® filter sock from well GT-2R.
2. Continue the groundwater monitoring program and plan to conduct sampling in March and September 2020.
3. If warranted by continued monitoring results, evaluate and potentially conduct additional remedial activities (e.g., ISCO) and/or sampling and data assessment

to address residual VOC and/or MSRO concentrations in groundwater above regulatory standards.

If you should have any questions or comments concerning this report, please do not hesitate to contact me at (513) 227-5450. As always, we appreciate the Department's assistance with this Site.

Sincerely,

Safety-Kleen Systems, Inc.



Stephen D. Fleming, PE, CHMM
Senior Remediation Manager

Copy: A. Everett, USEPA, New York, NY (1st Class Mail)
K. Graziano, Duro-Electric, Thornwood, NY (electronic)
N. Nelhuebel, Clean Harbors, Norwell, MA (CD - 1st Class Mail)
J. Markey, Woodard & Curran, Middletown, CT (electronic)

Figures

1. Depth to Water Across the Site
2. pH Across the Site
3. Dissolved Oxygen Across the Site
4. Mineral Spirit Range Organics Across the Site

Attachments

1. Maps
 - Monitoring Well Locations
 - Groundwater Contour Map –3/26/2019, 9/25/2019
2. Field Data Summaries
3. Tables
 - Table 1 – Field Data Water Quality
 - Table 2 – Compiled Chemical Data
4. Laboratory Reports

ATTACHMENT 1

Site Map

Groundwater Contour Maps



Garage w/
Offices Above

Two Story Concrete
Block Building with
Offices

GT-1R

GT-2R

GT-3

GT-5

GT-4

St. Charles St.

Franklin Ave

Marble Ave

0 15 30 60 90 120 Feet

**MONITORING WELL LOCATIONS
FORMER SAFETY-KLEEN SYSTEMS, INC.
THORNWOOD, NY**

SCALE: 1" = 60'

DATE: JANUARY 2016

DRAWN BY: MJO

Service Layer Credits: Source: Esri,
DigitalGlobe, GeoEye, Earthstar
Geographics, CNES/Airbus DS,
USDA, USGS, AEX, Getmapping,
Aerogrid, IGN, IGP, swisstopo, and
the GIS User Community

STORE

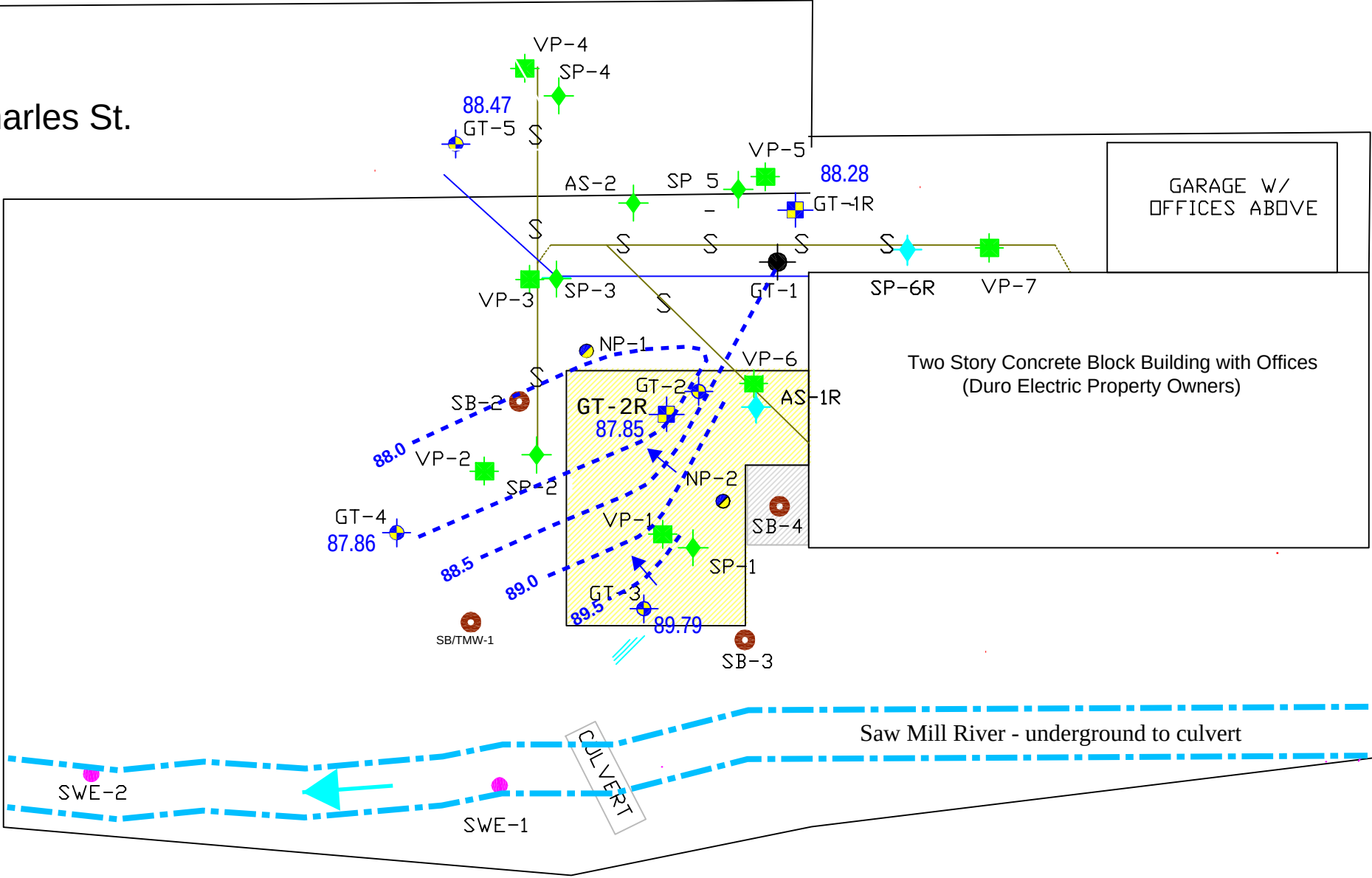
STORE

STORE

St. Charles St.

Gas
Station
Parking
Lot

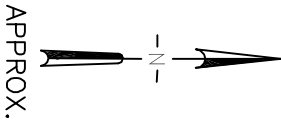
WALNUT PLACE



LEGEND

- MONITORING WELL
- REPLACEMENT MONITORING WELL
- ABANDONED MONITORING WELL
- MONITORING POINT (DEEP/SHALLOW)
- SOIL BORING
- VAPOR POINT
- SPARGE WELL
- REPLACEMENT SPARGE WELL (2" PVC)
- RIVER SAMPLING LOCATION
- 88.28 GROUNDWATER ELEVATION (feet)
- GROUNDWATER ELEVATION CONTOUR
- DIRECTION OF GROUNDWATER FLOW
- APPROXIMATE LOCATION OF CONCRETE PAD
- APPROXIMATE EXCAVATION LOCATION
- APPROXIMATE SEWER LINE LOCATION
- APPROXIMATE GAS LINE LOCATION

Average Gradient: 3.0%



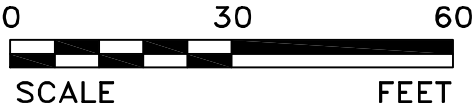
Former
Safety-Kleen Systems, Inc.
Thornwood, NY

Groundwater Contour Map - 3/26/19

Date:
7/19/13

Drawn By:
JLB

Scale:
as shown



Source - SKI, Revised: BES-6/11/13

STORE

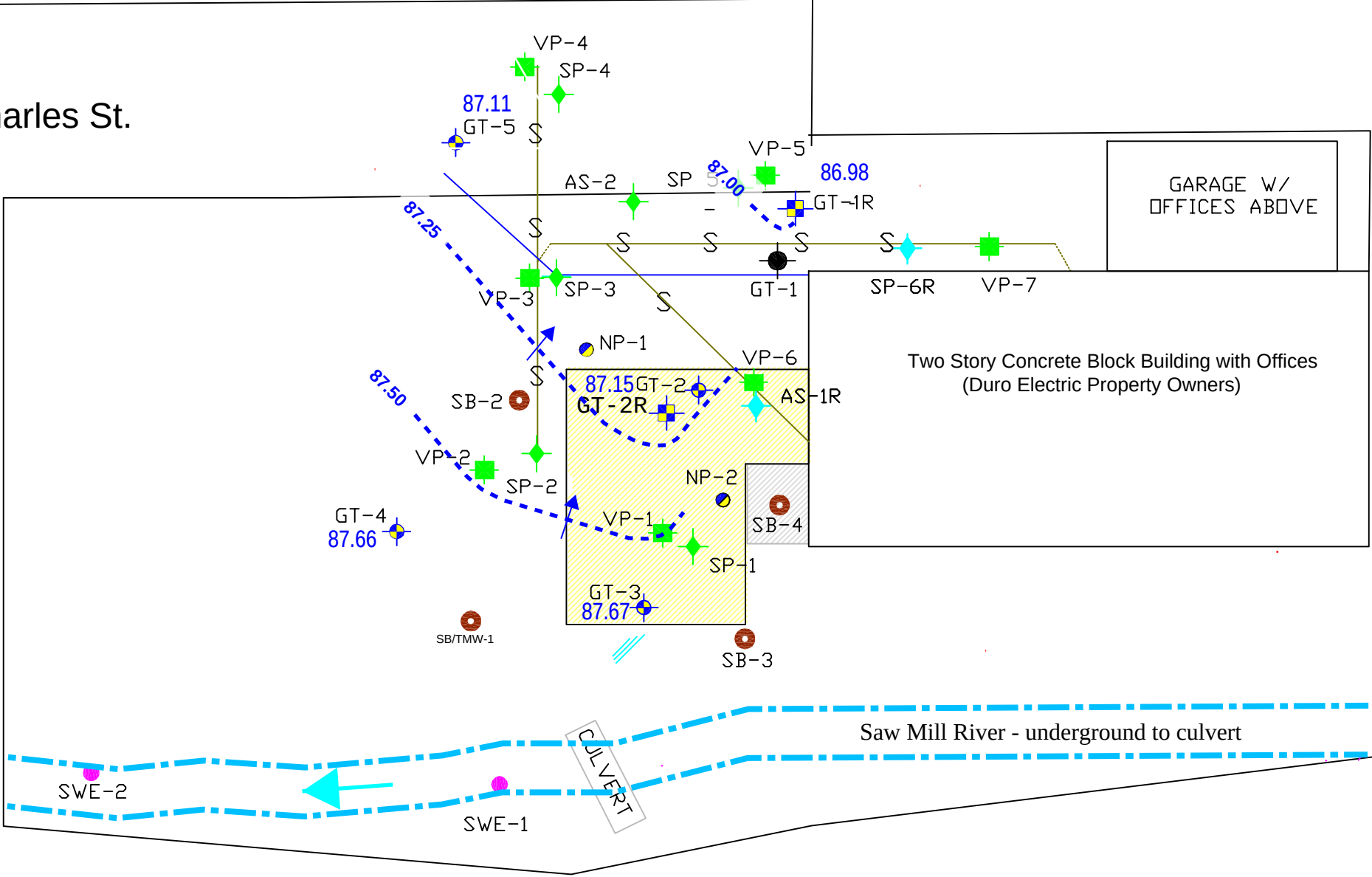
STORE

STORE

St. Charles St.

Gas
Station
Parking
Lot

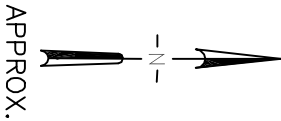
WALNUT PLACE



LEGEND

- MONITORING WELL
- REPLACEMENT MONITORING WELL
- ABANDONED MONITORING WELL
- MONITORING POINT (DEEP/SHALLOW)
- SOIL BORING
- VAPOR POINT
- SPARGE WELL
- REPLACEMENT SPARGE WELL (2" PVC)
- RIVER SAMPLING LOCATION
- 88.28 GROUNDWATER ELEVATION (feet)
- GROUNDWATER ELEVATION CONTOUR
- DIRECTION OF GROUNDWATER FLOW
- APPROXIMATE LOCATION OF CONCRETE PAD
- APPROXIMATE EXCAVATION LOCATION
- APPROXIMATE SEWER LINE LOCATION
- APPROXIMATE GAS LINE LOCATION

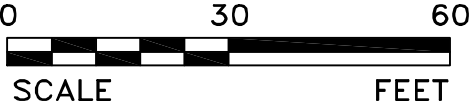
Average Gradient: 0.8%



Former
Safety-Kleen Systems, Inc.
Thornwood, NY

Groundwater Contour Map - 9/25/19

Date: 7/19/13	Drawn By: JLB			Scale: as shown	



Source - SKI, Revised: BES-6/11/13

ATTACHMENT 2

Field Data Summaries

GROUNDWATER SAMPLING RECORD

SITE NAME **Former Safety-Kleen Service Center**
27 St. Charles Street, Thornwood, NY

DATE **3/26/19**Weather **45° Clear Sky**Samplers **Ed Brodzinski + Ken Mason**

Well Name / ID	GT-1R	GT-2R	GT-3	GT-4	GT-5		
Lab Analysis - EPA 8260c VOCs	Yes	Yes	Yes	Yes	Yes		
Lab Analysis - EPA 8015d MSRO	Yes	Yes	Yes	Yes	Yes		
Duplicate Sample:	NO	Yes	NO	NO	NO		
Diameter of Well Casing	2 in	2 in	2 in	2 in	2 in		
Depth of Well (ft.)	28.40	23.40	19.20	16.5	24.65		
ORC Socks - Remove Prior and Replace Post	NO	Yes	NO	NO	NO		
Depth to Groundwater (ft.)	9.97	10.40	7.18	8.02	8.01		
Water Column Height (ft.)	28.40	23.40	19.20	16.50	24.65		
Volume Purged (gal)	9	6.5	6	4.25	8.25		
Purging Method	Bailer	Bailer	Bailer	Bailer	Bailer		
Sample Time	1640	1630	1620	1650	1715		
Sample date	3/26	3/26	3/26	3/26	3/26		
GW Visual Observations							
color	Brown	tan	Brown	Brown	Brown		
sheen	none	none	none	none	none		
odor	none	none	none	none	none		
Field Parameters							
Temperature (C)	11.44	11.96	9.12	10.66	11.96		
pH	8.10	12.37	8.03	7.52	7.45		
Conductivity (uS)	827	2648	1095	1281	1004		
Dissolved Oxygen (mg/L)	5.48	14.23	5.34	5.30	7.53		
ORP (Eh (Mv))	60.0	-130.8	49.8	28.2	125.5		
Turbidity (visual)	turbid	turbid	turbid	turbid	turbid		

Comments

Duplicate GW-DUP collected from GT-2R, mailed 1200
 Replaced 4 ORC socks in GT-2R

Complete field data in these rows.

Collect duplicate sample as indicated. A rinse blank is not needed if dedicated bailers are used to sample wells. Changeout ORC socks at least every year.

GROUNDWATER SAMPLING RECORD

SITE NAME		Former Safety-Kleen Service Center				DATE		9/25/19	
		27 St. Charles Street, Thornwood, NY				Weather		clear, 60°F	
Samplers		JT + SM				DUP Marked			
Well Name / ID		0900							
		GT-1R	GT-2R	GT-3	GT-4	GT-5			
Lab Analysis - EPA 8260c VOCs		Yes	Yes	Yes	Yes	Yes			
Lab Analysis - EPA 8015d MSRO		Yes	Yes	Yes	Yes	Yes			
Duplicate Sample:			Yes						
Diameter of Well Casing		2 in	2 in	2 in	2 in	2 in			
Depth of Well (ft.)		28.40	23.40	19.20	16.5	24.65			
ORC Socks - Remove Prior and Replace Post			Yes						
Depth to Groundwater (ft.)		11.27	11.10	9.30	8.22	9.37			
Water Column Height (ft.)		17.13	12.30	9.90	8.28	15.28			
Volume Purged (gal)		8.5	6.0	5.0	4.25	7.5			
Purging Method		Bailer	Bailer	Bailer	Bailer	Bailer			
Sample Time		1120	1100	1030	1000	1140			
Sample date		9/25/19							
GW Visual Observations									
color		Brown	White	Brown	Tan	Tan			
sheen		None	None	None	None	None			
odor		None	None	None	None	None			
Field Parameters									
Temperature (C)		13.8	17.4	17.8	16.2	14.2			
pH		7.95	12.32	7.01	7.20	7.18			
Conductivity (uS)		829	2737	706	954	964			
Dissolved Oxygen (mg/L)		3.30	13.30	2.67	3.70	4.08			
ORP (Eh (Mv))		176.3	-65	-76.2	1.6	175.7			
Turbidity (visual)		cloudy	cloudy	cloudy	cloudy	cloudy			
Comments	Replaced ORC socks in GT-2A								
Complete field data in these rows.									
Collect duplicate sample as indicated. A rinse blank is not needed if dedicated bailers are used to sample wells. Changeout ORC socks at least every year.									

ATTACHMENT 3

Tables

Table 1
Historic Groundwater Field Data Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

Date	PARAMETER							
	DTW (ft)	GW Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone
			°C	unitless	uS	mg/L	mV	mg/L
GT-1R								
7/6/05	11.33	86.92	13.0	7.23	683	3.35	NM	NM
9/20/05	12.47	85.78	15.3	7.41	658	3.75	95	OVR
12/12/05	10.74	87.51	12.7	8.01	563	4.20	100	NM
3/15/06	10.49	87.76	11.5	7.24	1143	5.15	146	0.15
6/22/06	10.80	87.45	14.0	7.07	1285	5.42	152	0.21
9/25/06	10.89	87.36	14.4	7.02	1464	3.83	429	NM
12/18/06	10.60	87.65	14.1	7.18	1344	3.85	-116	NM
3/26/07	10.23	88.02	12.5	7.07	1191	2.8	-28	NM
6/25/07	10.92	87.33	13.6	7.06	1049	2.06	-3	NM
9/19/07	11.68	86.57	15.8	7.21	1303	3.11	-35	NM
12/21/07	11.69	86.56	13.8	7.11	1122	3.10	-10	NM
3/28/08	10.42	87.83	12.3	7.04	814	2.85	-98	NM
6/18/08	11.23	87.02	13	7.19	1062	3.00	-100	NM
9/24/08	11.30	86.95	14.4	6.96	1422	3.90	160	NM
12/17/08	10.54	87.71	12.9	7.28	978	2.92	88	NM
3/11/09	10.09	88.16	11.7	7.23	1458	2.74	122	NM
6/16/09	10.75	87.5	13	7.15	1370	3.42	72	NM
9/23/09	11.06	87.19	14	7.97	1542	4.60	37	NM
12/29/09	9.94	88.31	12.50	7.30	1185	3.05	85	NM
3/23/10	8.91	89.34	11.2	7.05	1058	6.36	101	NM
6/21/10	10.93	87.32	12.9	7.38	811	3.02	-125	NM
9/21/10	11.81	86.44	13.8	7.57	728	2.95	-105	NM
12/14/10	11.04	87.21	13.4	7.68	698	3.08	-100	NM
3/23/11	9.45	88.80	10.4	7.20	839	2.99	-75	NM
6/15/11	10.20	88.05	12.6	7.45	580	2.02	-25	NM
9/14/11	9.02	89.23	16	7.34	574	3.68	-42	NM
12/15/11	9.58	88.67	14.3	7.42	505	3.28	-15	NM
3/13/12	10.61	87.64	12.6	7.08	491	2.88	-44	NM
6/19/12	10.99	87.26	14	7.24	514	2.47	-50	NM
9/11/12	11.31	86.94	14.1	7.58	603	2.40	-69	NM
12/19/12	10.92	87.33	13.1	7.04	505	3.55	-15	NM
3/13/13	10.38	87.87	11.8	7.22	513	3.80	-10	NM
6/19/13	9.83	88.42	13.4	7.46	654	4.58	-14	NM
2/24/14	11.10	87.15	11.9	7.70	450	4.07	147	NM
6/11/14	10.74	87.51	12.74	7.18	NM	6.84	124	NM
9/29/14	11.80	86.45	14.3	7.86	1126	3.40	114	NM
2/25/15	11.52	86.73	12.08	7.54	697	4.30	94	NM
9/22/15	11.83	86.42	14.03	6.67	903	1.77	52	NM
3/23/16	11.23	87.02	12.99	9.46	968	5.51	52	NM
12/20/16	11.45	86.80	12.56	7.21	1860	5.56	-39	NM
3/28/17	10.92	87.33	10.52	7.51	940	5.75	98	NM
9/26/17	11.40	86.85	17.65	7.32	851	5.31	61	NM
3/27/18	10.54	87.71	9.68	7.56	1309	4.97	147	NM
9/25/18	10.25	88.00	13.97	7.96	837	4.01	41	NM
3/26/19	9.97	88.28	11.44	8.10	827	5.48	60	NM
9/25/19	11.27	86.98	13.8	7.95	829	3.30	176	NM

Table 1
Historic Groundwater Field Data Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

Date	PARAMETER							
	DTW (ft)	GW Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone
			°C	unitless	uS	mg/L	mV	mg/L
GT-2R								
7/6/05	11.09	87.16	13.4	7.05	773	2.20	NM	NM
9/20/05	11.60	86.65	17.3	7.13	787	2.40	<-80	0.09
12/12/05	10.00	88.25	11	7.33	641	1.81	<-80	NM
3/15/06	NM	NM	NM	NM	NM	NM	NM	NM
6/22/06	10.60	87.65	16	7.01	1350	4.25	-50	0.20
9/25/06	10.73	87.52	17	7.06	1275	2.30	-65	NM
12/18/06	10.45	87.80	14.5	7.09	1274	2.80	-100	NM
3/26/07	10.05	88.20	12.4	7.03	1169	2.15	-110	NM
6/25/07	10.71	87.54	14	7.10	1194	3.00	-140	NM
9/19/07	11.49	86.76	16.9	7.02	1133	2.95	-100	NM
12/19/07	11.48	86.77	15.3	7.07	863	2.95	-75	NM
3/28/08	10.26	87.99	12.3	7.05	941	2.56	-157	NM
6/18/08	11.00	87.25	13.2	7.02	1047	2.85	-150	NM
9/24/08	11.12	87.13	16.7	6.79	969	1.81	-88	NM
12/17/08	10.38	87.87	14.5	7.01	1015	1.74	-87	NM
3/11/09	9.90	88.35	10.8	7.20	951	1.95	-58	NM
6/16/09	10.56	87.69	13.2	7.81	1156	2.18	-140	NM
9/23/09	10.88	87.37	16.2	7.71	1353	1.58	-163	NM
12/29/09	9.75	88.50	13.5	7.05	1250	1.75	-75	NM
3/23/10	8.71	89.54	10.8	7.06	1333	2.60	-50	NM
6/21/10	10.80	87.45	13.4	7.03	1184	1.71	-25	NM
9/21/10	11.62	86.63	17	7.04	1009	1.88	-50	NM
12/14/10	10.88	87.37	14.3	7.08	839	1.95	-75	NM
3/23/11	9.24	89.01	11	7.02	795	2.05	-58	NM
6/15/11	10.03	88.22	13.3	7.32	762	8.38	10	NM
9/14/11	8.85	89.40	17.5	7.23	755	6.28	-115	NM
12/15/11	9.40	88.85	15	7.69	654	5.10	-109	NM
3/13/12	10.43	87.82	13	7.11	634	4.11	-10	NM
6/19/12	10.83	87.42	15.2	7.34	705	3.95	-22	NM
9/11/12	11.12	87.13	17.2	7.90	689	4.44	-31	NM
12/19/12	10.78	87.47	14.5	10.42	905	6.10	110	NM
3/13/13	10.23	88.02	11.6	11.29	1388	6.20	105	NM
6/19/13	9.74	88.51	13.5	11.12	1336	8.25	88	NM
2/24/14	11.06	87.19	10.3	7.82	480	4.67	96	NM
6/11/14	10.58	87.67	12.66	8.86	NM	4.60	-5	NM
9/29/14	11.60	86.65	17.63	12.20	3816	10.17	114	NM
9/22/15	11.80	86.45	17.07	11.30	1015	30.66	-90	NM
3/23/16	11.06	87.19	12.72	12.18	2742	12.71	19	NM
12/20/16	11.44	86.81	14.74	9.23	1462	5.13	0	NM
3/28/17	10.78	87.47	9.32	10.73	764	7.77	120	NM
9/26/17	11.30	86.95	17.43	8.93	1134	5.23	140	NM
3/27/18	10.55	87.70	10.35	9.24	1075	2.46	-47	NM
9/25/18	10.06	88.19	17.21	12.45	4631	14.71	51	NM
3/26/19	10.40	87.85	11.96	12.37	2648	14.23	-131	NM
9/25/19	11.10	87.15	17.4	12.32	2737	13.30	-7	NM

Table 1
Historic Groundwater Field Data Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

Date	PARAMETER							
	DTW (ft)	GW Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone
			°C	unitless	uS	mg/L	mV	mg/L
GT-3								
7/6/05	9.58	87.39	13.4	7.15	561	2.22	NM	NM
9/20/05	10.50	86.47	18.8	7.43	525	2.21	<-80	0.27
12/12/05	9.10	87.87	12.5	7.23	507	2.81	<-80	NM
3/15/06	8.73	88.24	10.1	6.98	913	2.90	-8	>1.5
6/22/06	9.05	87.92	14	6.92	847	3.58	-53	>1.5
9/25/06	9.15	87.82	17	7.04	707	3.55	-73	NM
12/18/06	8.98	87.99	15	7.04	800	2.48	-122	NM
3/26/07	8.33	88.64	10.5	7.03	722	2.50	-115	NM
6/25/07	9.18	87.79	12.8	7.07	830	2.77	-123	NM
9/19/07	9.99	86.98	17.8	7.12	646	2.88	-95	NM
12/19/07	10.07	86.90	13.7	7.07	678	2.47	-105	NM
3/28/08	8.63	88.34	9.8	7.09	903	2.45	-170	NM
6/18/08	9.35	87.62	12.6	7.04	870	2.95	-125	NM
9/24/08	9.50	87.47	17.5	6.74	854	1.93	-47	NM
12/17/08	8.65	88.32	12.8	6.99	1310	1.89	-25	NM
3/11/09	7.73	89.24	9	7.10	1301	1.80	52	NM
6/16/09	8.81	88.16	11	8.17	717	0.60	-79	NM
9/23/09	9.23	87.74	16.2	8.09	650	2.20	-109	NM
12/29/09	8.05	88.92	14	7.44	785	2.80	-59	NM
3/23/10	7.02	89.95	8.7	7.05	933	1.55	-24	NM
6/21/10	9.05	87.92	13.5	6.90	854	2.90	-154	NM
9/21/10	9.83	87.14	17.5	7.05	383	3.08	-150	NM
12/14/10	9.08	87.89	14.6	7.60	596	3.50	-125	NM
3/23/11	7.71	89.26	9	8.01	729	3.01	-85	NM
6/15/11	8.43	88.54	11.5	7.03	714	1.80	-45	NM
9/14/11	7.39	89.58	18.4	7.30	636	2.67	-40	NM
12/15/11	7.85	89.12	15.1	7.03	630	2.08	-48	NM
3/13/12	8.74	88.23	11.2	7.03	527	1.98	-22	NM
6/19/12	9.10	87.87	14	7.50	492	2.05	-10	NM
9/11/12	9.53	87.44	18	7.10	488	3.15	-174	NM
12/19/12	9.09	87.88	13.2	7.04	400	3.80	25	NM
3/13/13	8.36	88.61	9	7.42	369	3.01	10	NM
6/19/13	8.03	88.94	12.3	7.10	543	3.64	6	NM
2/24/14	9.06	87.91	8.5	8.82	471	0.70	-11	NM
6/11/14	8.72	88.25	12.04	6.55	NM	3.66	-46	NM
9/29/14	9.96	87.01	17.81	8.28	907	2.83	-95	NM
9/22/15	9.90	87.07	17.52	8.82	1268	2.11	-175	NM
3/23/16	9.26	87.71	10.17	6.99	998	4.28	35	NM
12/20/16	9.51	87.46	13.69	7.28	1664	3.65	-58	NM
3/28/17	8.69	88.28	6.6	10.20	1035	3.98	93	NM
9/26/17	9.47	87.50	18.05	7.90	877	4.23	229	NM
3/27/18	8.55	88.42	7.28	7.04	1721	1.78	-22	NM
9/25/18	7.98	88.99	18.02	7.97	976	4.02	-105	NM
3/26/19	7.18	89.79	9.12	8.03	1095	5.34	45	NM
9/25/19	9.30	87.67	17.8	7.01	706	2.67	-76	NM

Table 1
Historic Groundwater Field Data Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

Date	PARAMETER							
	DTW (ft)	GW Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone
			°C	unitless	uS	mg/L	mV	mg/L
GT-4								
7/6/05	8.28	87.60	12.7	7.03	697	2.92	NM	NM
9/20/05	9.19	86.69	17.4	7.23	680	2.10	15	-0.42
12/12/05	7.77	88.11	13.5	7.35	603	3.00	50	NM
3/15/06	7.66	88.22	11.2	7.00	1036	3.10	40	0.40
6/22/06	7.90	87.98	13.5	7.15	1049	3.90	-23	>1.5
9/25/06	7.94	87.94	16.5	7.04	1025	4.00	60	NM
12/18/06	7.80	88.08	14.8	7.02	851	2.95	-88	NM
3/26/07	7.30	88.58	10.5	7.03	703	3.15	-81	NM
6/25/07	7.95	87.93	13	7.07	1144	3.06	-66	NM
9/19/07	8.58	87.30	17.2	7.03	1087	3.85	-60	NM
12/19/07	8.55	87.33	14.7	7.07	826	3.05	-60	NM
3/28/08	7.56	88.32	9.3	7.06	1040	3.55	-120	NM
6/18/08	8.12	87.76	12.3	7.04	1021	3.65	-105	NM
9/24/08	8.26	87.62	16.4	6.77	1199	1.39	62	NM
12/17/08	7.56	88.32	13.5	7.15	762	2.25	26	NM
3/11/09	6.97	88.91	9.1	7.15	1465	3.58	47	NM
6/16/09	7.75	88.13	11.5	7.96	1158	1.00	-9	NM
9/23/09	8.10	87.78	14.6	7.94	662	1.95	-21	NM
12/29/09	7.14	88.74	13.5	7.55	725	2.25	15	NM
3/23/10	6.07	89.81	9.5	7.05	844	2.18	57	NM
6/21/10	7.94	87.94	12	7.04	1392	2.56	-110	NM
9/21/10	8.64	87.24	13.2	7.03	901	3.20	-95	NM
12/14/10	8.03	87.85	14.8	7.38	728	3.08	-90	NM
3/23/11	6.84	89.04	9.8	7.81	670	3.85	-70	NM
6/15/11	7.50	88.38	11.6	7.06	914	0.86	-20	NM
9/14/11	6.51	89.37	16.8	7.04	761	1.06	-117	NM
12/15/11	6.94	88.94	15.1	7.05	698	2.85	-95	NM
3/13/12	7.78	88.10	12.7	7.08	665	2.81	-88	NM
6/19/12	8.07	87.81	13.5	7.48	588	2.60	-35	NM
9/11/12	8.31	87.57	17	7.41	548	2.30	-97	NM
12/19/12	7.97	87.91	14	7.07	459	3.10	60	NM
3/13/13	7.34	88.54	10.1	7.13	471	3.55	60	NM
6/19/13	7.18	88.70	11.6	7.30	540	2.40	47	NM
2/24/14	7.95	87.93	9.6	7.92	459	4.97	83	NM
6/11/14	7.78	88.10	9.43	6.70	NM	3.26	28	NM
9/29/14	8.86	87.02	16.86	8.00	788	3.14	-40	NM
2/25/15	8.42	87.46	9.12	7.57	518	7.56	51	NM
9/22/15	8.67	87.21	16.87	6.88	892	2.76	65	NM
3/23/16	8.18	87.70	10.6	7.04	914	4.75	40	NM
12/20/16	8.36	87.52	14.79	7.45	1278	3.43	-54	NM
3/28/17	7.70	88.18	6.76	9.57	1115	3.90	117	NM
9/26/17	8.16	87.72	17.1	7.25	945	4.46	47	NM
3/27/18	7.61	88.27	8.2	7.59	1128	2.52	58	NM
9/25/18	7.10	88.78	16.99	7.11	939	3.29	65	NM
3/26/19	8.02	87.86	10.66	7.52	1281	5.30	28	NM
9/25/19	8.22	87.66	16.2	7.20	954	3.70	2	NM

Table 1
Historic Groundwater Field Data Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

Date	PARAMETER							
	DTW (ft)	GW Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone
			°C	unitless	uS	mg/L	mV	mg/L
GT-5								
7/6/05	9.35	87.13	13.6	7.23	867	3.79	NM	NM
9/20/05	9.70	86.78	16	7.33	800	3.28	85	0.27
12/12/05	8.80	87.68	13	7.61	633	2.70	95	NM
3/15/06	8.56	87.92	11.8	7.03	1438	4.91	108	0.20
6/22/06	8.84	87.64	15	6.90	1489	4.22	151	0.11
9/25/06	8.98	87.50	15	7.05	1438	4.15	82	NM
12/18/06	8.65	87.83	13.3	7.21	1132	2.50	-28	NM
3/26/07	8.27	88.21	12.4	7.06	1062	2.50	-61	NM
6/25/07	8.97	87.51	14.5	7.08	1243	2.25	-8	NM
9/19/07	9.75	86.73	15.1	7.13	1161	2.80	-50	NM
12/19/07	9.78	86.70	13.2	7.05	1037	3.05	-60	NM
3/28/08	8.44	88.04	12.6	7.05	950	2.88	-91	NM
6/18/08	9.27	87.21	13.8	7.03	1126	3.05	-65	NM
9/24/08	9.35	87.13	15.4	6.72	1336	2.80	142	NM
12/17/08	8.60	87.88	12.9	7.00	1288	3.40	-73	NM
3/11/09	8.11	88.37	12.2	7.25	1171	3.05	108	NM
6/16/09	8.80	87.68	12.9	7.87	1095	1.61	40	NM
9/23/09	9.11	87.37	14	7.88	1173	2.68	19	NM
12/29/09	8.00	88.48	12.5	7.75	1255	2.95	-15	NM
3/23/10	6.94	89.54	11.7	7.03	776	0.96	86	nm
6/21/10	9.01	87.47	13.7	7.02	1304	3.10	-123	NM
9/21/10	9.86	86.62	14.5	7.32	897	3.20	-130	NM
12/14/10	9.10	87.38	13.3	7.50	764	3.30	-108	NM
3/23/11	7.51	88.97	10	7.53	759	4.22	-100	NM
6/15/11	8.25	88.23	13.3	7.12	786	1.78	-60	NM
9/14/11	7.09	89.39	14.2	7.23	580	1.46	-83	NM
12/15/11	7.61	88.87	14.3	7.35	585	1.86	-102	NM
3/13/12	8.64	87.84	13.2	7.07	627	2.05	-85	NM
6/19/12	9.04	87.44	14.5	7.19	706	2.50	-60	NM
9/11/12	9.40	87.08	15	7.61	744	3.20	-72	NM
12/19/12	8.98	87.50	13.2	7.07	531	2.55	40	NM
3/13/13	8.41	88.07	11.8	7.15	512	2.88	10	NM
6/19/13	7.92	88.56	13.8	7.33	556	3.66	2	NM
2/24/14	9.13	87.35	11.5	7.74	486	4.97	136	NM
6/11/14	8.79	87.69	13.35	6.88	NM	5.19	118	NM
9/29/14	9.82	86.66	15.21	8.14	1157	3.85	116	NM
9/22/15	9.83	86.65	15.33	7.04	1585	9.36	-57	NM
3/23/16	9.28	87.20	12.7	7.75	1371	6.20	167	NM
12/20/16	9.51	86.97	12.58	7.24	2627	5.41	-40	NM
3/29/17	8.97	87.51	9.96	9.42	1234	5.03	72	NM
9/26/17	9.47	87.01	15.23	7.44	1299	4.54	-21	NM
3/27/18	8.58	87.90	6.82	7.20	1429	5.77	145	NM
9/25/18	8.25	88.23	13.75	7.38	1005	4.66	99	NM
3/26/19	8.01	88.47	11.96	7.45	1004	7.53	126	NM
9/25/19	9.37	87.11	14.2	7.18	964	4.08	176	NM

Table 1
Historic Groundwater Field Data Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

Date	PARAMETER							
	DTW (ft)	GW Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone
			°C	unitless	uS	mg/L	mV	mg/L
Notes:								
uS = Microsiemens			DO = Dissolved Oxygen					
mV = Millivolts			B = Analyte in a blank					
mg/l = Milligrams per Liter			NM = Not Measured					
GW = Groundwater			ND = Not Detected					
DTW = Depth to Water			OVR = Over Instrument Range					
ft = Feet								
Total Concentration / Duplicate Concentration (Dissolved Concentration)								

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)																									
		50	5	60	5	7	3	3	3	5	1	5	2	5	5	5	5	5	1	5	5	2	5	5	50		
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits	
GT-1	12/13/93	NA	NA	NA	NA	NA	100	NA	33	67	NA	NA	NA	170	NA	NA	140	240	NA	22	11	ND	680	64	NA	NA	
	7/6/94	NA	NA	NA	NA	NA	75	6	ND	66	NA	NA	NA	60	NA	NA	110	160	NA	17	ND	ND	190	ND	NA	740	
	10/19/94	NA	NA	NA	NA	NA	150	10	4	56	NA	NA	NA	120	NA	NA	110	210	NA	19	ND	ND	300	ND	NA	900	
	1/26/95	NA	NA	NA	NA	NA	90	7	35	47	NA	NA	NA	120	NA	NA	130	160	NA	23	ND	ND	110	34	NA	310	
	4/13/95	NA	NA	NA	NA	NA	93	6	36	64	NA	2	NA	130	NA	NA	120	230	NA	24	ND	ND	170	59	NA	250	
	7/25/95	NA	NA	NA	ND	NA	65	10	ND	72	2	4	NA	ND	NA	NA	88	ND	ND	24	ND	ND	ND	16	NA	7793	
	1/23/96	NA	NA	NA	7	ND	64	7	27	47	2	2	NA	ND	NA	NA	66	ND	ND	17	ND	3	ND	112	NA	5220	
	4/23/96	NA	NA	NA	3	ND	92	5	51	9	ND	ND	NA	ND	NA	NA	68	ND	ND	21	ND	ND	ND	5	NA	1040	
	7/18/96	NA	NA	NA	ND	NA	6	ND	6	3	NA	6	NA	5	NA	NA	ND	5	6	ND	ND	ND	5	ND	NA	ND	
	10/8/96	NA	NA	NA	4	ND	22	5	19	10	ND	ND	NA	25	NA	NA	64	20	ND	7	ND	ND	2	3	NA	709	
	1/7/97	NA	NA	NA	8	ND	55	8	37	14	ND	ND	NA	60	NA	NA	103	58	ND	16	2	ND	17	16	NA	350	
	4/1/97	NA	NA	NA	6	2	59	7	43	11	ND	ND	NA	50	NA	NA	99	38	ND	14	ND	ND	5	55	NA	2030	
	7/1/97	NA	NA	NA	5	ND	35	7	27	8	ND	ND	NA	38	NA	NA	60	20	ND	9	ND	ND	32	557	NA	370	
	10/29/97	NA	NA	NA	5	ND	57	7	39	7	ND	ND	NA	59	NA	NA	6	16	ND	3	2	4	46	157	NA	190	
	1/14/98	NA	NA	NA	4	ND	46	5	30	6	ND	ND	NA	59	NA	NA	5	13	ND	2	1	10	49	352	NA	119	
	4/10/98	NA	NA	NA	2	ND	44	5	19	5	ND	1	NA	73	NA	NA	9	20	ND	3	8	7	71	352	NA	222	
	7/22/98	NA	NA	NA	6	ND	26	5	19	4	ND	2	NA	50	NA	NA	2	7	ND	2	ND	3	40	474	NA	1750	
	10/14/98	NA	NA	NA	6	ND	42	7	26	5	ND	1	NA	50	NA	NA	ND	10	ND	ND	1	88	47	759	NA	430	
	DUPLICATE	NA	NA	NA	4	ND	43	6	29	4	ND	ND	NA	64	NA	NA	ND	8	ND	ND	ND	110	52	390	NA	260	
	1/6/99	NA	NA	NA	8	ND	57	7	29	6	ND	ND	NA	82	NA	NA	ND	25	ND	ND	3	160	76	497	NA	490	
	DUPLICATE	NA	NA	NA	5	ND	48	5	29	4	ND	ND	NA	81	NA	NA	ND	17	ND	ND	3	190	66	310	NA	1	
	4/7/99	NA	NA	NA	6	NA	73	6	26	5	ND	ND	NA	65	NA	NA	3	14	ND	1	2	116	86	246	NA	1080	
	DUPLICATE	NA	NA	NA	4	ND	46	5	27	3	ND	ND	NA	66	NA	NA	ND	11	ND	ND	2	220	60	180	NA	1	
	7/1/99	NA	NA	NA	ND	ND	57	ND	35	ND	ND	ND	NA	88	NA	NA	ND	16	ND	ND	ND	83	110	75	NA	646	
	DUPLICATE	NA	NA	NA	ND	ND	64	ND	38	ND	ND	ND	NA	92	NA	NA	ND	17	ND	ND	ND	88	110	93	NA	1080	
	10/28/99	NA	NA	NA	3	ND	39	6	32	2	ND	ND	NA	59	NA	NA	ND	2	ND	ND	1	14	69	35	NA	ND	
	DUPLICATE	NA	NA	NA	3	ND	43	5	24	ND	ND	ND	NA	62	NA	NA	ND	NA	ND	ND	ND	20	68	39	NA	220	
	12/8/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	2/9/00	NA	NA	NA	ND	2	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	7	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	2	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	8	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/27/00	NA	NA	NA	ND	4	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	12	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	6/27/00	NA	NA	NA	ND	2	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	15	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	2	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	13	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	10/18/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	1/11/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/18/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	9	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	9	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	8/14/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	11/6/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	17	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	15	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	5/7/02	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	10	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	10	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
GT-1R	8/29/02	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2	ND	ND	8	ND	ND	ND	ND	NA	ND	
	DUPLICATE	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	11/14/02	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/21/03	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	5	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	5	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	9/29/03	NA	NA	NA	2	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	DUPLICATE	NA	NA	NA	2	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	2/4/04	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	8	ND	ND	ND	ND	ND	ND				

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)																									
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits	
GT-1R (cont.)	12/12/05	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	3/15/06	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	6	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	6/22/06	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	9/25/06	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	12/18/06	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	3/26/07	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	6/25/07	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	9/19/07	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	12/19/07	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	3/28/08	NA	NA	NA	ND	ND<1	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	6/18/08	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	9/24/08	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	12/17/08	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	3/11/09	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3.4	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	6/16/09	NA	NA	NA	ND	ND<1	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2.3	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	9/23/09	NA	NA	NA	ND	ND<1	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2.5	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	12/29/09	1.6 JB	ND<0.21	ND<0.077	ND<0.057	1.5 J	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.40 JB	ND<0.12	1.3 J	ND<0.16	ND<0.11	0.35 J	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	3/23/10	ND<0.58	ND<0.21	ND<0.077	ND<0.057	0.75 J	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.27 JB	ND<0.12	2.6 J	ND<0.16	ND<0.11	0.57 J	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50	
	6/21/10	0.69 JB	ND<0.21	ND<0.077	ND<0.057	1.7 J	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.47 JB	ND<0.12	1.5 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50	
	9/21/10	0.98 J	ND<0.21	ND<0.077	ND<0.057	2.0 J	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.58 JB	ND<0.12	0.51 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50	
	12/14/10	0.75 J	ND<0.21	ND<0.077	ND<0.057	1.6 J	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	0.55 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50	
	3/23/11	0.78 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.14 JB	ND<0.12	3.0 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	6/15/11	ND<0.58	ND<0.21	ND<0.077	ND<0.057	0.39 JB	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.13 JB	ND<0.12	1.1 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	9/14/11	1.3 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.17 JB	ND<0.12	1.5 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	12/15/11	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	1.3 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	3/14/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.42 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	6/19/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.28 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	9/11/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.24 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	12/19/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.34 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	3/13/13	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.52 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	6/19/13	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	2.2 J	ND<5.0	ND<1.0	0.11 J	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	2/24/14	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.53 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	6/11/14	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	2.1 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0		

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)																								
		50	5	60	5	7	3	3	3	5	1	5	2	5	5	5	5	5	1	5	5	2	5	5	5	
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits
GT-2 (cont.)	4/7/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	8	ND	ND	ND	ND	ND	ND	ND	NA	ND
	10/28/99	NA	NA	NA	5	ND	1	ND	3	2	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	2	ND	NA	ND
	2/9/00	NA	NA	NA	1	ND	ND	ND	ND	3	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/27/00	NA	NA	NA	2	ND	2	ND	3	2	2	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	1	ND	NA	ND
	6/27/00	NA	NA	NA	2	ND	2	1	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	10/18/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	1/11/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/18/01	NA	NA	NA	ND	ND	ND	ND	1	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	8/14/01	NA	NA	NA	ND	ND	ND	ND	1	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	11/6/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	N/A	ND	ND	ND	ND	ND	ND	ND	NA	ND
	5/7/02	NA	NA	NA	ND	ND	1	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	8/29/02	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	2	ND	ND	ND	ND	NA	ND
	11/14/02	NA	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	1	ND	NA	ND
	4/21/03	NA	NA	NA	2	N/A	ND	ND	1	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	9/29/03	NA	NA	NA	7	N/A	2	2	6	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	6	1	NA	3700
	11/20/03	NA	NA	NA	6	N/A	3	2	8	ND	ND	ND	NA	1	NA	NA	ND	ND	2	ND	ND	ND	9	1	NA	13000
	DUPLICATE	NA	NA	NA	6	N/A	3	2	9	ND	ND	ND	NA	1	NA	NA	ND	ND	2	ND	ND	ND	11	1	NA	1700
	2/4/04	NA	NA	NA	8	N/A	2	1	4	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	8	ND	NA	7200
	6/29/04	NA	NA	NA	4	N/A	1	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	2	ND	NA	180
	DUPLICATE	NA	NA	NA	4	N/A	1	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	2	ND	NA	140
	11/17/04	NA	NA	NA	ND	N/A	1	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	0.76J
	DUPLICATE	NA	NA	NA	6	N/A	ND	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	0.180J
	3/25/05	NA	NA	NA	6	N/A	ND	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	1	ND	NA	1600
	DUPLICATE	NA	NA	NA	7	N/A	1	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	1	ND	NA	2800
	7/6/05	NA	NA	NA	5	N/A	1	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	1	ND	NA	3200
	DUPLICATE	NA	NA	NA	5	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	1	ND	1	ND	NA	2300
	9/20/05	NA	NA	NA	7	N/A	1	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	1	ND	NA	170
	DUPLICATE	NA	NA	NA	7	N/A	1	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	1	ND	NA	880
	12/12/05	NA	NA	NA	3	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	5700
	DUPLICATE	NA	NA	NA	3	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	1300
	6/22/06	NA	NA	NA	4	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	3	ND	NA	2300
	DUPLICATE	NA	NA	NA	4	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	3	ND	NA	1500
	9/25/06	NA	NA	NA	6	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	430
	DUPLICATE	NA	NA	NA	5	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	490
	12/18/06	NA	NA	NA	5	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	1200
	DUPLICATE	NA	NA	NA	4	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	730
	3/26/07	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	300
	DUPLICATE	NA	NA	NA	4	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	270
	6/25/07	NA	NA	NA	4	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	230
	DUPLICATE	NA	NA	NA	4	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	270
9/19/07	NA	NA	NA	6	N/A	ND	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	440	
DUPLICATE	NA	NA	NA	6	N/A	1	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	440	
12/19/07	NA	NA	NA	3	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	640	
DUPLICATE	NA	NA	NA	3	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	650	
3/28/08	NA	NA	NA	4	ND<1	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	260	
DUPLICATE	NA	NA	NA	4	ND<1	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	270	
6/18/08	NA	NA	NA	4	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	300	
DUPLICATE	NA	NA	NA	4	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	290	
9/24/08	NA	NA	NA	ND	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	810	
DUPLICATE	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	430	
12/17/08	NA	NA	NA	ND	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	1300	
DUPLICATE	NA	NA	NA	3.5	N/A	ND	ND	1.8	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	1200	
3/11/09	NA	NA	NA	2.5	N/A	ND	ND	1.8	N/A	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	2000	
DUPLICATE	NA	NA	NA	3.6	N/A	ND	ND	1.8	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	1500	
6/16/09	NA	NA	NA	4.3	ND<1	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	6	ND	ND	ND	ND	ND	NA	790	
DUPLICATE	NA	NA	NA	4.4	ND<1	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	6	ND	ND	ND	ND	ND	NA	900	

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)																								
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits
GT-2R	9/23/09	NA	NA	NA	3.3	ND<1	NA	ND<1	1.6	ND<1	ND<1	ND<1	NA	ND<1	NA	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	NA	660
	DUPLICATE	NA	NA	NA	3.4	ND<1	NA	ND<1	1.7	ND<1	ND<1	ND<1	NA	ND<1	NA	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	NA	720
	12/29/09	ND<0.58	ND<0.21	ND<0.077	4.3 J	ND<0.12	0.77 J	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.14 JB	1.7 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	1.7 J	ND<0.21	ND<0.12	1100
	DUPLICATE	1.4 J	ND<0.21	ND<0.077	4.3 J	ND<0.12	0.69 J	0.39 J	ND<0.17	ND<0.13	ND<0.12	ND<0.19	0.24 J	ND<0.14	0.23 JB	1.7 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	0.62 J	ND<0.14	1.7 J	0.24 J	ND<0.12	1100
	3/23/10	0.99 JB	ND<0.21	ND<0.077	3.8 J	ND<0.12	0.73 J	0.41 J	1.6 J	0.17 J	ND<0.12	ND<0.19	0.24 J	ND<0.14	0.17 JB	0.24 J	ND<0.11	ND<0.16	ND<0.11	0.37 J	ND<0.18	ND<0.14	0.24 J	0.24 J	ND<0.12	1200
	DUPLICATE	ND<0.58	ND<0.21	0.23 J	4.2 J	ND<0.12	0.82 J	0.48 J	1.9 J	0.21 J	ND<0.12	ND<0.19	0.37 J	ND<0.14	ND<0.091	0.30 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	0.30 J	0.37 J	0.79 J	640
	6/21/10	0.72 JB	ND<0.21	ND<0.077	4.6 J	ND<0.12	0.90 J	0.56 J	2.1 J	0.14 J	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	0.22 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	0.21 J	ND<0.12	1000
	DUPLICATE	ND<0.58	ND<0.21	ND<0.077	4.8 J	ND<0.12	0.78 J	0.54 J	2.1 J	ND<0.13	ND<0.12	ND<0.19	0.24 J	ND<0.14	0.15 JB	0.16 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	0.24 J	ND<0.12	1700
	9/21/10	1.3 J	ND<0.21	ND<0.077	4.0 J	ND<0.12	0.79 J	0.47 J	1.7 J	ND<0.13	ND<0.12	ND<0.19	0.34 J	ND<0.14	0.14 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	0.34 J	ND<0.12	1000
	DUPLICATE	1.6 J	ND<0.21	0.11 J	4.1 J	ND<0.12	0.75 J	0.48 J	1.7 J	0.20 J	ND<0.12	ND<0.19	0.28 J	ND<0.14	0.15 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	0.28 J	ND<0.12	1200
	12/14/10	1.0 J	ND<0.21	ND<0.077	3.9 J	ND<0.12	0.71 J	0.41 J	1.7 J	ND<0.13	ND<0.12	ND<0.19	0.25 J	ND<0.14	ND<0.091	0.12 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	0.25 J	ND<0.12	1800
	DUPLICATE	ND<0.58	ND<0.21	ND<0.077	3.8 J	ND<0.12	0.72 J	0.47 J	1.6 J	0.16 J	ND<0.12	ND<0.19	0.27 J	ND<0.14	ND<0.091	0.17 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	0.27 J	ND<0.12	1900
	3/23/11	ND<0.58	ND<0.21	ND<0.077	5.1	ND<0.12	0.78 J	0.51 J	1.8 J	ND<0.13	ND<0.12	ND<0.19	0.34 J	ND<0.14	0.11 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	0.34 J	ND<0.12	910
	DUPLICATE	1.4 J	ND<0.21	ND<0.077	5.4	ND<0.12	0.78 J	0.48 J	1.9 J	ND<0.13	ND<0.12	ND<0.19	0.30 J	ND<0.14	0.16 JB	0.18 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	0.30 J	ND<0.12	910
	6/15/11	3.9 J	ND<0.21	ND<0.077	3.0 J	ND<0.12	0.47 J	0.35 J	1.4 J	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.16 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	510
	DUPLICATE	4.4 J	ND<0.21	ND<0.077	2.9 J	ND<0.12	0.46 J	0.27 J	1.4 J	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.16 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	550
	9/14/11	2.2 J	ND<0.21	ND<0.077	4.4 J	ND<0.12	0.63 J	0.45 J	1.8 J	ND<0.13	ND<0.12	ND<0.19	0.25 J	ND<0.14	ND<0.091	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	0.25 J	ND<0.12	310
	DUPLICATE	3.0 J	ND<0.21	ND<0.077	4.3 J	ND<0.12	0.59 J	0.30 J	1.7 J	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.28 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	0.22 J	ND<0.12	230
	12/15/11	ND<50	ND<5.0	ND<60	5.3	ND<7.0	0.87 J	0.48 J	2.2 J	ND<5.0	ND<1.0	ND<5.0	0.30 J	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	0.29 J	ND<5.0	990
	DUPLICATE	ND<50	ND<5.0	ND<60	5.4	ND<7.0	0.92 J	0.46 J	2.3 J	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	0.25 J	ND<5.0	820
	3/13/12	ND<50	ND<5.0	ND<60	3.9 J	ND<7.0	0.61 J	0.35 J	1.7 J	0.18 J	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	0.23 J	ND<5.0	350
	DUPLICATE	ND<50	ND<5.0	ND<60	4.6 J	ND<7.0	0.64 J	0.39 J	2.0 J	0.16 J	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	0.27 J	ND<5.0	420
	6/19/12	6.4 J	ND<5.0	ND<60	3.3 J	ND<7.0	0.58 J	0.37 J	1.4 J	0.18 J	ND<1.0	ND<5.0	0.34 J	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	0.34 J	ND<5.0	400
	DUPLICATE	8.1 J	ND<5.0	ND<60	3.2 J	ND<7.0	0.58 J	0.35 J	1.4 J	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	0.28 J	ND<5.0	400
	9/11/12	ND<50	ND<5.0	ND<60	4.0 J	ND<7.0	0.62 J	0.39 J	1.5 J	0.18 J	ND<1.0	ND<5.0	0.31 J	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	0.16 J	ND<2.0	ND<5	0.31 J	ND<5.0	330
	DUPLICATE	ND<50	ND<5.0	0.16 J	4.5 J	ND<7.0	0.72 J	0.42 J	1.8 J	0.14 J	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	560
	12/19/12	11 J	ND<5.0	ND<60	5.4	ND<7.0	0.70 J	0.46 J	2.0 J	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	0.24 J	ND<2.0	ND<5	ND<5.0	ND<5.0	250
	DUPLICATE	9.2 J	ND<5.0	ND<60	5.5	ND<7.0	0.76 J	0.51 J	2.0 J	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	0.24 J	ND<2.0	ND<5	ND<5.0	ND<5.0	300
	3/13/13	ND<50	ND<5.0	ND<60	3.2 J	ND<7.0	0.46 J	0.29 J	1.2 J	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	0.26 J	ND<2.0	ND<5	ND<5.0	ND<5.0	

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)																										
		50	5	60	5	7	3	3	3	5	1	5	2	5	5	5	5	5	1	5	5	2	5	5	5	50		
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits		
GT-3	7/6/94	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	ND	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	
	10/19/94	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	ND	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	
	1/26/95	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/13/95	NA	NA	NA	ND	NA	ND	ND	ND	ND	NA	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/25/95	NA	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/4/95	NA	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/23/96	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/23/96	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/18/96	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/8/96	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/7/97	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/1/97	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	7	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/1/97	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/14/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/29/97	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/14/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/10/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/22/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/14/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/6/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/7/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/9/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/28/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	2/9/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/27/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	6/27/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/18/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/11/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/18/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	8/14/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	11/6/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	5/7/02	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	8/29/02	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	NA	ND
	11/14/02	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/21/03	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	9/29/03	NA	NA	NA	3	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	2/4/04	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	6/29/04	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	11/17/04	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	3/25/05	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
7/6/05	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
9/20/05	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
12/12/05	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
3/15/06	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
6/22/06	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
9/25/06	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
12/18/06	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
3/26/07	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
6/25/07	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
9/19/07	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
12/17/07	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
3/28/08	NA	NA	NA	ND	ND<1	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
6/18/08	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND											

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)																									
		50	5	60	5	7	3	3	3	5	1	5	2	5	5	5	5	5	1	5	5	2	5	5	5	50	
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits	
GT-3 (cont.)	12/29/09	1.8 JB	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.22 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	0.14 J	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	3/23/10	ND<0.58	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	0.18 J	ND<0.16	ND<0.11	0.11 J	ND<0.18	ND<0.14	ND<0.30	ND<0.21	1.0 J	ND<50	
	6/21/10	0.94 JB	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.13 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	0.14 J	ND<50	
	9/21/10	1.3 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.16 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50	
	12/14/10	ND<0.58	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50	
	3/23/11	1.3 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	6/15/11	5.3 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	9/14/11	0.94 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.14 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	12/15/11	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	3/13/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	6/19/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	9/11/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	12/19/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	3/13/13	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	6/19/13	ND<50	ND<5.0	ND<60	ND<5.0	1.1 J	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	2/24/14	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	6/11/14	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	9/29/14	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	9/22/15	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	3/23/16	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<50
12/20/16	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<48	
3/28/17	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<51	
9/26/17	5.0 J	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<51	
3/27/18	2.3 J	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13	
9/25/18	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13	
3/26/19	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13	
9/25/19	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13	
GT-4	12/13/93	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	NA	NA	ND	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA	
	7/6/94	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	ND	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	
	10/19/94	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	ND	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	
	1/26/95	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	ND	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	
	4/13/95	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/25/95	NA	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/4/95	NA	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/23/96	NA	NA	NA	ND	1	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/23/96	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/18/96	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/8/96	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/7/97	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/1/97	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/1/97	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/29/97	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	1	ND	NA	ND
	1/14/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/10/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	7/22/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	10/14/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	1/6/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/7/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	7/9/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND		

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

[illegible]

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)																										
		50	5	60	5	7	3	3	3	5	1	5	2	5	5	5	5	5	1	5	5	2	5	5	50			
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits		
GT-5	4/13/95	NA	NA	NA	ND	NA	ND	ND	ND	ND	NA	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND		
	7/25/95	NA	NA	NA	ND	NA	ND	ND	ND	ND	NA	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	1	NA	ND	
	10/4/95	NA	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND		
	1/23/96	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	6	ND	ND	ND	ND	ND	ND	ND	NA	56		
	4/23/96	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND		
	7/18/96	NA	NA	NA	ND	NA	ND	ND	ND	ND	NA	ND	NA	ND	NA	NA	1	1	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/8/96	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND		
	1/7/97	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/1/97	NA	NA	NA	ND	7	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/1/97	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/29/97	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	1	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/14/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/10/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/22/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/14/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/6/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/7/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/9/99	NA	NA	NA	ND	ND	1	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/28/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	2/9/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/27/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	6/27/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/18/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/11/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/18/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	8/14/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	11/6/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	5/7/02	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	8/29/02	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	11/14/02	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/21/03	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	9/29/03	NA	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	2/4/04	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
6/29/04	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND		
11/17/04	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND		
3/25/05	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
7/6/05	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND		
9/20/05	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND		
12/12/05	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
3/15/06	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
6/22/06	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
9/25/06	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
12/18/06	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND		
3/26/07	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND		
6/25/07	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND		
9/19/07	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND		
12/17/07	NA	NA	NA	ND	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND		
3/28/08	NA	NA	NA	ND	ND<1	ND																						

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)																									
		50	5	60	5	7	3	3	3	5	1	5	2	5	5	5	5	1	5	5	2	5	5	5	50		
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits	
GT-5 (cont.)	6/16/09	NA	NA	NA	ND	9.4	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	9/23/09	NA	NA	NA	ND	ND<1	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	12/29/09	ND<0.58	ND<0.21	ND<0.077	ND<0.057	1.1 J	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	0.17 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	3/23/10	ND<0.58	ND<0.21	ND<0.077	ND<0.057	0.53 J	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	0.26 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	0.84 J	ND<50	
	6/21/10	ND<0.58	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.15 JB	ND<0.12	0.95 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50	
	9/21/10	0.72 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	0.88 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50	
	12/14/10	ND<0.58	ND<0.21	ND<0.077	ND<0.057	0.24 J	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	0.71 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50	
	3/23/11	1.5 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.15 JB	ND<0.12	0.78 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	6/15/11	ND<0.58	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	0.85 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	9/14/11	1.1 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.25 JB	ND<0.12	0.46 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	12/15/11	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.67 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	3/13/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.54 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	6/19/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	1.1 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	9/11/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.96 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	12/19/12	ND<50	ND<5.0	ND<60	ND<5.0	0.32 J	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.66 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	3/13/13	ND<50	ND<5.0	ND<60	ND<5.0	0.69 J	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.38 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	6/19/13	ND<50	ND<5.0	ND<60	ND<5.0	0.34 J	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	1.0 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	2/24/14	ND<50	ND<5.0	ND<60	ND<5.0	0.27 J	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.53 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	6/11/14	ND<50	ND<5.0	ND<60	ND<5.0	5.6 J	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	0.50 J	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50	
	9/29/14	ND<50	ND<5.0	ND<60	ND<5.0	0.14 J	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	1.0 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	9/22/15	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.47 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	81
	3/23/16	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<51	
	12/20/16	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.43 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<48
	3/28/17	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.42 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<51
	9/26/17	2.4 J	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	0.36 J	ND<5.0	0.57 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<51	
	3/27/18	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.58 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13
	9/25/18	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.44 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13
	3/26/19	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.58 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13
	9/25/19	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	1.2 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13
Notes: NA - Not analyzed for this parameter ND - Not Detected N/A = Not available NE - Not Established ug/L = micrograms per liter B = Constituent detected in blank J = Estimated concentration Bold = Constituent detected above the laboratory reporting limit. =Detected concentration exceeds one or more criteria																											

ATTACHMENT 4

Laboratory Reports

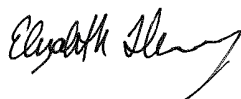
ANALYTICAL REPORT

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Tel: (732)549-3900

Laboratory Job ID: 460-178431-1
Client Project/Site: Safety-Kleen Thornwood

For:
Safety-Kleen Systems, Inc
4120 Thunderbird Ln
Fairfield, Ohio 45014

Attn: Mr. Steve Fleming, P.E.



Authorized for release by:
4/8/2019 11:19:14 AM

Elizabeth Flannery, Project Manager I
(732)549-3900
elizabeth.flannery@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1

Table of Contents 2

Definitions/Glossary 3

Case Narrative 4

Detection Summary 6

Client Sample Results 7

Surrogate Summary 18

QC Sample Results 19

QC Association Summary 24

Lab Chronicle 25

Certification Summary 27

Method Summary 28

Sample Summary 29

Chain of Custody 30

Receipt Checklists 32



Definitions/Glossary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
U	Analyzed for but not detected.

Glossary

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

Case Narrative

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Job ID: 460-178431-1

Laboratory: Eurofins TestAmerica, Edison

Narrative

CASE NARRATIVE

Client: Safety-Kleen Systems, Inc

Project: Safety-Kleen Thornwood

Report Number: 460-178431-1

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 3/29/2019 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.9° C.

Receipt Exceptions

Technical and Operational Guidance Series subpart 1.1.1 (The New York State Ambient Water Quality Standards and Guidance Values) references a class GA standard of 0.04 ug/L for 1,2-dibromo-3-Chloropropane and 1,2,3-Trichloropropane, and 0.2 ug/L for trans-1,3-Dichloropropene. The laboratory is unable to meet this standard by reporting to their established reporting limit (RL) or method detection limit (MDL).

The following analytes are included in this report but certification is not offered by the governing authority: Mineral Spirits.

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 GT-1R (460-178431-1), GT-2R (460-178431-2), GT-3 (460-178431-3), GT-4 (460-178431-4), GT-5 (460-178431-5), GW-DUP (460-178431-6) and Trip Blank (460-178431-7) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 04/04/2019.

The continuing calibration verification (CCV) analyzed in batch 460-600304 was outside the method criteria for the following analyte(s): Iodomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The laboratory control sample (LCS) for analytical batch 460-600304 recovered outside control limits for the following analyte: Dichlorodifluoromethane. The LCS/LCSD % RPD for Acetone was also outside control limits. These analytes were not detected in the associated sample.

Case Narrative

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Job ID: 460-178431-1 (Continued)

Laboratory: Eurofins TestAmerica, Edison (Continued)

Dichlorodifluoromethane failed the recovery criteria low for LCS 460-600304/3. Acetone exceeded the RPD limit for LCSD 460-600304/4. Refer to the QC report for details.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

MINERAL RANGE ORGANICS (MRO)

Samples GT-1R (460-178431-1), GT-2R (460-178431-2), GT-3 (460-178431-3), GT-4 (460-178431-4), GT-5 (460-178431-5) and GW-DUP (460-178431-6) were analyzed for Mineral Range Organics (MRO) in accordance with EPA SW-846 Method 8015D_ID. The samples were prepared and analyzed on 04/01/2019.

Surrogate recovery for the following samples were outside the upper control limit: GT-1R (460-178431-1) and GT-4 (460-178431-4). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Surrogate o-Terphenyl was above upper control limits in lcsd however Mineral Spirits were within limits and both were within limits in lcs. Sample was analyzed, and no re-extraction was performed: (LCSD 460-599460/3-A).

o-Terphenyl failed the surrogate recovery criteria high for GT-1R (460-178431-1). o-Terphenyl failed the surrogate recovery criteria high for GT-4 (460-178431-4). o-Terphenyl failed the surrogate recovery criteria high for LCSD 460-599460/3-A. Refer to the QC report for details.

No other difficulties were encountered during the MRO analysis.

All other quality control parameters were within the acceptance limits.

Detection Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: GT-1R

Lab Sample ID: 460-178431-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.0	J	5.0	0.25	ug/L	1		8260C	Total/NA

Client Sample ID: GT-2R

Lab Sample ID: 460-178431-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	3.5	J	5.0	0.38	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	1.4	J	3.0	0.76	ug/L	1		8260C	Total/NA

Client Sample ID: GT-3

Lab Sample ID: 460-178431-3

No Detections.

Client Sample ID: GT-4

Lab Sample ID: 460-178431-4

No Detections.

Client Sample ID: GT-5

Lab Sample ID: 460-178431-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.29	J	5.0	0.14	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.58	J	5.0	0.25	ug/L	1		8260C	Total/NA

Client Sample ID: GW-DUP

Lab Sample ID: 460-178431-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	3.6	J	5.0	0.38	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	1.3	J	3.0	0.76	ug/L	1		8260C	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 460-178431-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m&p-Xylene	0.66	J	10	0.30	ug/L	1		8260C	Total/NA
Xylenes, Total	0.66	J	15	0.30	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: GT-1R

Lab Sample ID: 460-178431-1

Date Collected: 03/26/19 16:40

Matrix: Water

Date Received: 03/29/19 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U *	50	5.0	ug/L			04/04/19 18:03	1
Acetonitrile	10	U	10	5.0	ug/L			04/04/19 18:03	1
Benzene	1.0	U	1.0	0.43	ug/L			04/04/19 18:03	1
Benzyl chloride	10	U	10	0.34	ug/L			04/04/19 18:03	1
Bromodichloromethane	50	U	50	0.34	ug/L			04/04/19 18:03	1
Bromoform	5.0	U	5.0	0.54	ug/L			04/04/19 18:03	1
Bromomethane	5.0	U	5.0	1.0	ug/L			04/04/19 18:03	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			04/04/19 18:03	1
Carbon disulfide	60	U	60	0.16	ug/L			04/04/19 18:03	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			04/04/19 18:03	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			04/04/19 18:03	1
Chloroethane	5.0	U	5.0	0.32	ug/L			04/04/19 18:03	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			04/04/19 18:03	1
Chloroform	7.0	U	7.0	0.33	ug/L			04/04/19 18:03	1
Chloromethane	5.0	U	5.0	0.14	ug/L			04/04/19 18:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			04/04/19 18:03	1
Dibromochloromethane	50	U	50	0.28	ug/L			04/04/19 18:03	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			04/04/19 18:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/04/19 18:03	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			04/04/19 18:03	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			04/04/19 18:03	1
1,4-Dichlorobenzene	3.0	U	3.0	0.76	ug/L			04/04/19 18:03	1
Dichlorodifluoromethane	5.0	U *	5.0	0.12	ug/L			04/04/19 18:03	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			04/04/19 18:03	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 18:03	1
1,1-Dichloroethene	5.0	U	5.0	0.12	ug/L			04/04/19 18:03	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			04/04/19 18:03	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/04/19 18:03	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			04/04/19 18:03	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			04/04/19 18:03	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			04/04/19 18:03	1
Methyl methacrylate	50	U	50	0.97	ug/L			04/04/19 18:03	1
m&p-Xylene	10	U	10	0.30	ug/L			04/04/19 18:03	1
o-Xylene	5.0	U	5.0	0.36	ug/L			04/04/19 18:03	1
Styrene	5.0	U	5.0	0.42	ug/L			04/04/19 18:03	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			04/04/19 18:03	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			04/04/19 18:03	1
Tetrachloroethene	1.0	J	5.0	0.25	ug/L			04/04/19 18:03	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			04/04/19 18:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			04/04/19 18:03	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			04/04/19 18:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 18:03	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			04/04/19 18:03	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			04/04/19 18:03	1
Toluene	5.0	U	5.0	0.38	ug/L			04/04/19 18:03	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			04/04/19 18:03	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			04/04/19 18:03	1
Xylenes, Total	15	U	15	0.30	ug/L			04/04/19 18:03	1
2-Hexanone	50	U	50	2.9	ug/L			04/04/19 18:03	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: GT-1R

Date Collected: 03/26/19 16:40

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			04/04/19 18:03	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			04/04/19 18:03	1
Ethyl methacrylate	5.0	U	5.0	0.53	ug/L			04/04/19 18:03	1
Iodomethane	5.0	U	5.0	0.48	ug/L			04/04/19 18:03	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			04/04/19 18:03	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			04/04/19 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		74 - 132		04/04/19 18:03	1
4-Bromofluorobenzene	102		77 - 124		04/04/19 18:03	1
Toluene-d8 (Surr)	95		80 - 120		04/04/19 18:03	1
Dibromofluoromethane (Surr)	103		72 - 131		04/04/19 18:03	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		04/01/19 08:48	04/01/19 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	121	*	42 - 120	04/01/19 08:48	04/01/19 19:45	1

Client Sample ID: GT-2R

Date Collected: 03/26/19 16:30

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U *	50	5.0	ug/L			04/04/19 18:28	1
Acetonitrile	10	U	10	5.0	ug/L			04/04/19 18:28	1
Benzene	1.0	U	1.0	0.43	ug/L			04/04/19 18:28	1
Benzyl chloride	10	U	10	0.34	ug/L			04/04/19 18:28	1
Bromodichloromethane	50	U	50	0.34	ug/L			04/04/19 18:28	1
Bromoform	5.0	U	5.0	0.54	ug/L			04/04/19 18:28	1
Bromomethane	5.0	U	5.0	1.0	ug/L			04/04/19 18:28	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			04/04/19 18:28	1
Carbon disulfide	60	U	60	0.16	ug/L			04/04/19 18:28	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			04/04/19 18:28	1
Chlorobenzene	3.5	J	5.0	0.38	ug/L			04/04/19 18:28	1
Chloroethane	5.0	U	5.0	0.32	ug/L			04/04/19 18:28	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			04/04/19 18:28	1
Chloroform	7.0	U	7.0	0.33	ug/L			04/04/19 18:28	1
Chloromethane	5.0	U	5.0	0.14	ug/L			04/04/19 18:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			04/04/19 18:28	1
Dibromochloromethane	50	U	50	0.28	ug/L			04/04/19 18:28	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			04/04/19 18:28	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/04/19 18:28	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			04/04/19 18:28	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			04/04/19 18:28	1
1,4-Dichlorobenzene	1.4	J	3.0	0.76	ug/L			04/04/19 18:28	1
Dichlorodifluoromethane	5.0	U *	5.0	0.12	ug/L			04/04/19 18:28	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			04/04/19 18:28	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 18:28	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: GT-2R

Date Collected: 03/26/19 16:30

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	5.0	U	5.0	0.12	ug/L			04/04/19 18:28	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			04/04/19 18:28	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/04/19 18:28	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			04/04/19 18:28	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			04/04/19 18:28	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			04/04/19 18:28	1
Methyl methacrylate	50	U	50	0.97	ug/L			04/04/19 18:28	1
m&p-Xylene	10	U	10	0.30	ug/L			04/04/19 18:28	1
o-Xylene	5.0	U	5.0	0.36	ug/L			04/04/19 18:28	1
Styrene	5.0	U	5.0	0.42	ug/L			04/04/19 18:28	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			04/04/19 18:28	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			04/04/19 18:28	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			04/04/19 18:28	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			04/04/19 18:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			04/04/19 18:28	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			04/04/19 18:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 18:28	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			04/04/19 18:28	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			04/04/19 18:28	1
Toluene	5.0	U	5.0	0.38	ug/L			04/04/19 18:28	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			04/04/19 18:28	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			04/04/19 18:28	1
Xylenes, Total	15	U	15	0.30	ug/L			04/04/19 18:28	1
2-Hexanone	50	U	50	2.9	ug/L			04/04/19 18:28	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			04/04/19 18:28	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			04/04/19 18:28	1
Ethyl methacrylate	5.0	U	5.0	0.53	ug/L			04/04/19 18:28	1
Iodomethane	5.0	U	5.0	0.48	ug/L			04/04/19 18:28	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			04/04/19 18:28	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			04/04/19 18:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		74 - 132		04/04/19 18:28	1
4-Bromofluorobenzene	103		77 - 124		04/04/19 18:28	1
Toluene-d8 (Surr)	95		80 - 120		04/04/19 18:28	1
Dibromofluoromethane (Surr)	107		72 - 131		04/04/19 18:28	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		04/01/19 08:48	04/01/19 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	113		42 - 120	04/01/19 08:48	04/01/19 19:57	1

Client Sample ID: GT-3

Date Collected: 03/26/19 16:20

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U *	50	5.0	ug/L			04/04/19 18:54	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: GT-3

Lab Sample ID: 460-178431-3

Date Collected: 03/26/19 16:20

Matrix: Water

Date Received: 03/29/19 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	10	5.0	ug/L			04/04/19 18:54	1
Benzene	1.0	U	1.0	0.43	ug/L			04/04/19 18:54	1
Benzyl chloride	10	U	10	0.34	ug/L			04/04/19 18:54	1
Bromodichloromethane	50	U	50	0.34	ug/L			04/04/19 18:54	1
Bromoform	5.0	U	5.0	0.54	ug/L			04/04/19 18:54	1
Bromomethane	5.0	U	5.0	1.0	ug/L			04/04/19 18:54	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			04/04/19 18:54	1
Carbon disulfide	60	U	60	0.16	ug/L			04/04/19 18:54	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			04/04/19 18:54	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			04/04/19 18:54	1
Chloroethane	5.0	U	5.0	0.32	ug/L			04/04/19 18:54	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			04/04/19 18:54	1
Chloroform	7.0	U	7.0	0.33	ug/L			04/04/19 18:54	1
Chloromethane	5.0	U	5.0	0.14	ug/L			04/04/19 18:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			04/04/19 18:54	1
Dibromochloromethane	50	U	50	0.28	ug/L			04/04/19 18:54	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			04/04/19 18:54	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/04/19 18:54	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			04/04/19 18:54	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			04/04/19 18:54	1
1,4-Dichlorobenzene	3.0	U	3.0	0.76	ug/L			04/04/19 18:54	1
Dichlorodifluoromethane	5.0	U *	5.0	0.12	ug/L			04/04/19 18:54	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			04/04/19 18:54	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 18:54	1
1,1-Dichloroethene	5.0	U	5.0	0.12	ug/L			04/04/19 18:54	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			04/04/19 18:54	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/04/19 18:54	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			04/04/19 18:54	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			04/04/19 18:54	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			04/04/19 18:54	1
Methyl methacrylate	50	U	50	0.97	ug/L			04/04/19 18:54	1
m&p-Xylene	10	U	10	0.30	ug/L			04/04/19 18:54	1
o-Xylene	5.0	U	5.0	0.36	ug/L			04/04/19 18:54	1
Styrene	5.0	U	5.0	0.42	ug/L			04/04/19 18:54	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			04/04/19 18:54	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			04/04/19 18:54	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			04/04/19 18:54	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			04/04/19 18:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			04/04/19 18:54	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			04/04/19 18:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 18:54	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			04/04/19 18:54	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			04/04/19 18:54	1
Toluene	5.0	U	5.0	0.38	ug/L			04/04/19 18:54	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			04/04/19 18:54	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			04/04/19 18:54	1
Xylenes, Total	15	U	15	0.30	ug/L			04/04/19 18:54	1
2-Hexanone	50	U	50	2.9	ug/L			04/04/19 18:54	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			04/04/19 18:54	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: GT-3

Date Collected: 03/26/19 16:20

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			04/04/19 18:54	1
Ethyl methacrylate	5.0	U	5.0	0.53	ug/L			04/04/19 18:54	1
Iodomethane	5.0	U	5.0	0.48	ug/L			04/04/19 18:54	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			04/04/19 18:54	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			04/04/19 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		74 - 132		04/04/19 18:54	1
4-Bromofluorobenzene	106		77 - 124		04/04/19 18:54	1
Toluene-d8 (Surr)	98		80 - 120		04/04/19 18:54	1
Dibromofluoromethane (Surr)	108		72 - 131		04/04/19 18:54	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L	—	04/01/19 08:48	04/01/19 20:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	58		42 - 120				04/01/19 08:48	04/01/19 20:08	1

Client Sample ID: GT-4

Date Collected: 03/26/19 16:50

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U *	50	5.0	ug/L			04/04/19 19:19	1
Acetonitrile	10	U	10	5.0	ug/L			04/04/19 19:19	1
Benzene	1.0	U	1.0	0.43	ug/L			04/04/19 19:19	1
Benzyl chloride	10	U	10	0.34	ug/L			04/04/19 19:19	1
Bromodichloromethane	50	U	50	0.34	ug/L			04/04/19 19:19	1
Bromoform	5.0	U	5.0	0.54	ug/L			04/04/19 19:19	1
Bromomethane	5.0	U	5.0	1.0	ug/L			04/04/19 19:19	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			04/04/19 19:19	1
Carbon disulfide	60	U	60	0.16	ug/L			04/04/19 19:19	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			04/04/19 19:19	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			04/04/19 19:19	1
Chloroethane	5.0	U	5.0	0.32	ug/L			04/04/19 19:19	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			04/04/19 19:19	1
Chloroform	7.0	U	7.0	0.33	ug/L			04/04/19 19:19	1
Chloromethane	5.0	U	5.0	0.14	ug/L			04/04/19 19:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			04/04/19 19:19	1
Dibromochloromethane	50	U	50	0.28	ug/L			04/04/19 19:19	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			04/04/19 19:19	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/04/19 19:19	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			04/04/19 19:19	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			04/04/19 19:19	1
1,4-Dichlorobenzene	3.0	U	3.0	0.76	ug/L			04/04/19 19:19	1
Dichlorodifluoromethane	5.0	U *	5.0	0.12	ug/L			04/04/19 19:19	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			04/04/19 19:19	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 19:19	1
1,1-Dichloroethene	5.0	U	5.0	0.12	ug/L			04/04/19 19:19	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: GT-4

Lab Sample ID: 460-178431-4

Date Collected: 03/26/19 16:50

Matrix: Water

Date Received: 03/29/19 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			04/04/19 19:19	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/04/19 19:19	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			04/04/19 19:19	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			04/04/19 19:19	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			04/04/19 19:19	1
Methyl methacrylate	50	U	50	0.97	ug/L			04/04/19 19:19	1
m&p-Xylene	10	U	10	0.30	ug/L			04/04/19 19:19	1
o-Xylene	5.0	U	5.0	0.36	ug/L			04/04/19 19:19	1
Styrene	5.0	U	5.0	0.42	ug/L			04/04/19 19:19	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			04/04/19 19:19	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			04/04/19 19:19	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			04/04/19 19:19	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			04/04/19 19:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			04/04/19 19:19	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			04/04/19 19:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 19:19	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			04/04/19 19:19	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			04/04/19 19:19	1
Toluene	5.0	U	5.0	0.38	ug/L			04/04/19 19:19	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			04/04/19 19:19	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			04/04/19 19:19	1
Xylenes, Total	15	U	15	0.30	ug/L			04/04/19 19:19	1
2-Hexanone	50	U	50	2.9	ug/L			04/04/19 19:19	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			04/04/19 19:19	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			04/04/19 19:19	1
Ethyl methacrylate	5.0	U	5.0	0.53	ug/L			04/04/19 19:19	1
Iodomethane	5.0	U	5.0	0.48	ug/L			04/04/19 19:19	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			04/04/19 19:19	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			04/04/19 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		74 - 132					04/04/19 19:19	1
4-Bromofluorobenzene	103		77 - 124					04/04/19 19:19	1
Toluene-d8 (Surr)	96		80 - 120					04/04/19 19:19	1
Dibromofluoromethane (Surr)	100		72 - 131					04/04/19 19:19	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		04/01/19 08:48	04/01/19 20:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	124	*	42 - 120				04/01/19 08:48	04/01/19 20:20	1

Client Sample ID: GT-5

Lab Sample ID: 460-178431-5

Date Collected: 03/26/19 17:15

Matrix: Water

Date Received: 03/29/19 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U *	50	5.0	ug/L			04/04/19 19:45	1
Acetonitrile	10	U	10	5.0	ug/L			04/04/19 19:45	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: GT-5

Lab Sample ID: 460-178431-5

Date Collected: 03/26/19 17:15

Matrix: Water

Date Received: 03/29/19 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.43	ug/L			04/04/19 19:45	1
Benzyl chloride	10	U	10	0.34	ug/L			04/04/19 19:45	1
Bromodichloromethane	50	U	50	0.34	ug/L			04/04/19 19:45	1
Bromoform	5.0	U	5.0	0.54	ug/L			04/04/19 19:45	1
Bromomethane	5.0	U	5.0	1.0	ug/L			04/04/19 19:45	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			04/04/19 19:45	1
Carbon disulfide	60	U	60	0.16	ug/L			04/04/19 19:45	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			04/04/19 19:45	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			04/04/19 19:45	1
Chloroethane	5.0	U	5.0	0.32	ug/L			04/04/19 19:45	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			04/04/19 19:45	1
Chloroform	7.0	U	7.0	0.33	ug/L			04/04/19 19:45	1
Chloromethane	0.29	J	5.0	0.14	ug/L			04/04/19 19:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			04/04/19 19:45	1
Dibromochloromethane	50	U	50	0.28	ug/L			04/04/19 19:45	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			04/04/19 19:45	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/04/19 19:45	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			04/04/19 19:45	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			04/04/19 19:45	1
1,4-Dichlorobenzene	3.0	U	3.0	0.76	ug/L			04/04/19 19:45	1
Dichlorodifluoromethane	5.0	U *	5.0	0.12	ug/L			04/04/19 19:45	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			04/04/19 19:45	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 19:45	1
1,1-Dichloroethene	5.0	U	5.0	0.12	ug/L			04/04/19 19:45	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			04/04/19 19:45	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/04/19 19:45	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			04/04/19 19:45	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			04/04/19 19:45	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			04/04/19 19:45	1
Methyl methacrylate	50	U	50	0.97	ug/L			04/04/19 19:45	1
m&p-Xylene	10	U	10	0.30	ug/L			04/04/19 19:45	1
o-Xylene	5.0	U	5.0	0.36	ug/L			04/04/19 19:45	1
Styrene	5.0	U	5.0	0.42	ug/L			04/04/19 19:45	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			04/04/19 19:45	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			04/04/19 19:45	1
Tetrachloroethene	0.58	J	5.0	0.25	ug/L			04/04/19 19:45	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			04/04/19 19:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			04/04/19 19:45	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			04/04/19 19:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 19:45	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			04/04/19 19:45	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			04/04/19 19:45	1
Toluene	5.0	U	5.0	0.38	ug/L			04/04/19 19:45	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			04/04/19 19:45	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			04/04/19 19:45	1
Xylenes, Total	15	U	15	0.30	ug/L			04/04/19 19:45	1
2-Hexanone	50	U	50	2.9	ug/L			04/04/19 19:45	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			04/04/19 19:45	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			04/04/19 19:45	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: GT-5

Date Collected: 03/26/19 17:15

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl methacrylate	5.0	U	5.0	0.53	ug/L			04/04/19 19:45	1
Iodomethane	5.0	U	5.0	0.48	ug/L			04/04/19 19:45	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			04/04/19 19:45	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			04/04/19 19:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		74 - 132					04/04/19 19:45	1
4-Bromofluorobenzene	104		77 - 124					04/04/19 19:45	1
Toluene-d8 (Surr)	94		80 - 120					04/04/19 19:45	1
Dibromofluoromethane (Surr)	99		72 - 131					04/04/19 19:45	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		04/01/19 08:48	04/01/19 20:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	113		42 - 120				04/01/19 08:48	04/01/19 20:54	1

Client Sample ID: GW-DUP

Date Collected: 03/26/19 12:00

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U *	50	5.0	ug/L			04/04/19 20:10	1
Acetonitrile	10	U	10	5.0	ug/L			04/04/19 20:10	1
Benzene	1.0	U	1.0	0.43	ug/L			04/04/19 20:10	1
Benzyl chloride	10	U	10	0.34	ug/L			04/04/19 20:10	1
Bromodichloromethane	50	U	50	0.34	ug/L			04/04/19 20:10	1
Bromoform	5.0	U	5.0	0.54	ug/L			04/04/19 20:10	1
Bromomethane	5.0	U	5.0	1.0	ug/L			04/04/19 20:10	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			04/04/19 20:10	1
Carbon disulfide	60	U	60	0.16	ug/L			04/04/19 20:10	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			04/04/19 20:10	1
Chlorobenzene	3.6	J	5.0	0.38	ug/L			04/04/19 20:10	1
Chloroethane	5.0	U	5.0	0.32	ug/L			04/04/19 20:10	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			04/04/19 20:10	1
Chloroform	7.0	U	7.0	0.33	ug/L			04/04/19 20:10	1
Chloromethane	5.0	U	5.0	0.14	ug/L			04/04/19 20:10	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			04/04/19 20:10	1
Dibromochloromethane	50	U	50	0.28	ug/L			04/04/19 20:10	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			04/04/19 20:10	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/04/19 20:10	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			04/04/19 20:10	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			04/04/19 20:10	1
1,4-Dichlorobenzene	1.3	J	3.0	0.76	ug/L			04/04/19 20:10	1
Dichlorodifluoromethane	5.0	U *	5.0	0.12	ug/L			04/04/19 20:10	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			04/04/19 20:10	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 20:10	1
1,1-Dichloroethene	5.0	U	5.0	0.12	ug/L			04/04/19 20:10	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			04/04/19 20:10	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: GW-DUP

Lab Sample ID: 460-178431-6

Date Collected: 03/26/19 12:00

Matrix: Water

Date Received: 03/29/19 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/04/19 20:10	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			04/04/19 20:10	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			04/04/19 20:10	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			04/04/19 20:10	1
Methyl methacrylate	50	U	50	0.97	ug/L			04/04/19 20:10	1
m&p-Xylene	10	U	10	0.30	ug/L			04/04/19 20:10	1
o-Xylene	5.0	U	5.0	0.36	ug/L			04/04/19 20:10	1
Styrene	5.0	U	5.0	0.42	ug/L			04/04/19 20:10	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			04/04/19 20:10	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			04/04/19 20:10	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			04/04/19 20:10	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			04/04/19 20:10	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			04/04/19 20:10	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			04/04/19 20:10	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 20:10	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			04/04/19 20:10	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			04/04/19 20:10	1
Toluene	5.0	U	5.0	0.38	ug/L			04/04/19 20:10	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			04/04/19 20:10	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			04/04/19 20:10	1
Xylenes, Total	15	U	15	0.30	ug/L			04/04/19 20:10	1
2-Hexanone	50	U	50	2.9	ug/L			04/04/19 20:10	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			04/04/19 20:10	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			04/04/19 20:10	1
Ethyl methacrylate	5.0	U	5.0	0.53	ug/L			04/04/19 20:10	1
Iodomethane	5.0	U	5.0	0.48	ug/L			04/04/19 20:10	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			04/04/19 20:10	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			04/04/19 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		74 - 132					04/04/19 20:10	1
4-Bromofluorobenzene	102		77 - 124					04/04/19 20:10	1
Toluene-d8 (Surr)	95		80 - 120					04/04/19 20:10	1
Dibromofluoromethane (Surr)	109		72 - 131					04/04/19 20:10	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		04/01/19 08:48	04/01/19 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	109		42 - 120				04/01/19 08:48	04/01/19 21:06	1

Client Sample ID: Trip Blank

Lab Sample ID: 460-178431-7

Date Collected: 03/26/19 17:15

Matrix: Water

Date Received: 03/29/19 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U *	50	5.0	ug/L			04/04/19 13:47	1
Acetonitrile	10	U	10	5.0	ug/L			04/04/19 13:47	1
Benzene	1.0	U	1.0	0.43	ug/L			04/04/19 13:47	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-178431-7

Date Collected: 03/26/19 17:15

Matrix: Water

Date Received: 03/29/19 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	10	U	10	0.34	ug/L			04/04/19 13:47	1
Bromodichloromethane	50	U	50	0.34	ug/L			04/04/19 13:47	1
Bromoform	5.0	U	5.0	0.54	ug/L			04/04/19 13:47	1
Bromomethane	5.0	U	5.0	1.0	ug/L			04/04/19 13:47	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			04/04/19 13:47	1
Carbon disulfide	60	U	60	0.16	ug/L			04/04/19 13:47	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			04/04/19 13:47	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			04/04/19 13:47	1
Chloroethane	5.0	U	5.0	0.32	ug/L			04/04/19 13:47	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			04/04/19 13:47	1
Chloroform	7.0	U	7.0	0.33	ug/L			04/04/19 13:47	1
Chloromethane	5.0	U	5.0	0.14	ug/L			04/04/19 13:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			04/04/19 13:47	1
Dibromochloromethane	50	U	50	0.28	ug/L			04/04/19 13:47	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			04/04/19 13:47	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/04/19 13:47	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			04/04/19 13:47	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			04/04/19 13:47	1
1,4-Dichlorobenzene	3.0	U	3.0	0.76	ug/L			04/04/19 13:47	1
Dichlorodifluoromethane	5.0	U *	5.0	0.12	ug/L			04/04/19 13:47	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			04/04/19 13:47	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 13:47	1
1,1-Dichloroethene	5.0	U	5.0	0.12	ug/L			04/04/19 13:47	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			04/04/19 13:47	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/04/19 13:47	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			04/04/19 13:47	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			04/04/19 13:47	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			04/04/19 13:47	1
Methyl methacrylate	50	U	50	0.97	ug/L			04/04/19 13:47	1
m&p-Xylene	0.66	J	10	0.30	ug/L			04/04/19 13:47	1
o-Xylene	5.0	U	5.0	0.36	ug/L			04/04/19 13:47	1
Styrene	5.0	U	5.0	0.42	ug/L			04/04/19 13:47	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			04/04/19 13:47	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			04/04/19 13:47	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			04/04/19 13:47	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			04/04/19 13:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			04/04/19 13:47	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			04/04/19 13:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 13:47	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			04/04/19 13:47	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			04/04/19 13:47	1
Toluene	5.0	U	5.0	0.38	ug/L			04/04/19 13:47	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			04/04/19 13:47	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			04/04/19 13:47	1
Xylenes, Total	0.66	J	15	0.30	ug/L			04/04/19 13:47	1
2-Hexanone	50	U	50	2.9	ug/L			04/04/19 13:47	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			04/04/19 13:47	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			04/04/19 13:47	1
Ethyl methacrylate	5.0	U	5.0	0.53	ug/L			04/04/19 13:47	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-178431-7

Date Collected: 03/26/19 17:15

Matrix: Water

Date Received: 03/29/19 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iodomethane	5.0	U	5.0	0.48	ug/L			04/04/19 13:47	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			04/04/19 13:47	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			04/04/19 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		74 - 132		04/04/19 13:47	1
4-Bromofluorobenzene	101		77 - 124		04/04/19 13:47	1
Toluene-d8 (Surr)	95		80 - 120		04/04/19 13:47	1
Dibromofluoromethane (Surr)	99		72 - 131		04/04/19 13:47	1

Surrogate Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (74-132)	BFB (77-124)	TOL (80-120)	DBFM (72-131)
460-178431-1	GT-1R	99	102	95	103
460-178431-2	GT-2R	103	103	95	107
460-178431-3	GT-3	104	106	98	108
460-178431-4	GT-4	101	103	96	100
460-178431-5	GT-5	102	104	94	99
460-178431-6	GW-DUP	107	102	95	109
460-178431-7	Trip Blank	104	101	95	99
LCS 460-600304/3	Lab Control Sample	106	107	97	106
LCSD 460-600304/4	Lab Control Sample Dup	99	103	97	108
MB 460-600304/8	Method Blank	101	105	98	99

Surrogate Legend

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

BFB = 4-Bromofluorobenzene

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8015D - Hydrocarbon Product Identification (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTPH (42-120)
460-178431-1	GT-1R	121 *
460-178431-2	GT-2R	113
460-178431-3	GT-3	58
460-178431-4	GT-4	124 *
460-178431-5	GT-5	113
460-178431-6	GW-DUP	109
LCS 460-599460/2-A	Lab Control Sample	116
LCSD 460-599460/3-A	Lab Control Sample Dup	131 *
MB 460-599460/1-A	Method Blank	115

Surrogate Legend

OTPH = o-Terphenyl

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

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

Lab Sample ID: MB 460-600304/8

Matrix: Water

Analysis Batch: 600304

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	5.0	ug/L			04/04/19 12:31	1
Acetonitrile	10	U	10	5.0	ug/L			04/04/19 12:31	1
Benzene	1.0	U	1.0	0.43	ug/L			04/04/19 12:31	1
Benzyl chloride	10	U	10	0.34	ug/L			04/04/19 12:31	1
Bromodichloromethane	50	U	50	0.34	ug/L			04/04/19 12:31	1
Bromoform	5.0	U	5.0	0.54	ug/L			04/04/19 12:31	1
Bromomethane	5.0	U	5.0	1.0	ug/L			04/04/19 12:31	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			04/04/19 12:31	1
Carbon disulfide	60	U	60	0.16	ug/L			04/04/19 12:31	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			04/04/19 12:31	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			04/04/19 12:31	1
Chloroethane	5.0	U	5.0	0.32	ug/L			04/04/19 12:31	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			04/04/19 12:31	1
Chloroform	7.0	U	7.0	0.33	ug/L			04/04/19 12:31	1
Chloromethane	5.0	U	5.0	0.14	ug/L			04/04/19 12:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			04/04/19 12:31	1
Dibromochloromethane	50	U	50	0.28	ug/L			04/04/19 12:31	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			04/04/19 12:31	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/04/19 12:31	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			04/04/19 12:31	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			04/04/19 12:31	1
1,4-Dichlorobenzene	3.0	U	3.0	0.76	ug/L			04/04/19 12:31	1
Dichlorodifluoromethane	5.0	U	5.0	0.12	ug/L			04/04/19 12:31	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			04/04/19 12:31	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 12:31	1
1,1-Dichloroethene	5.0	U	5.0	0.12	ug/L			04/04/19 12:31	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			04/04/19 12:31	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/04/19 12:31	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			04/04/19 12:31	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			04/04/19 12:31	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			04/04/19 12:31	1
Methyl methacrylate	50	U	50	0.97	ug/L			04/04/19 12:31	1
m&p-Xylene	10	U	10	0.30	ug/L			04/04/19 12:31	1
o-Xylene	5.0	U	5.0	0.36	ug/L			04/04/19 12:31	1
Styrene	5.0	U	5.0	0.42	ug/L			04/04/19 12:31	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			04/04/19 12:31	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			04/04/19 12:31	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			04/04/19 12:31	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			04/04/19 12:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			04/04/19 12:31	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			04/04/19 12:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			04/04/19 12:31	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			04/04/19 12:31	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			04/04/19 12:31	1
Toluene	5.0	U	5.0	0.38	ug/L			04/04/19 12:31	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			04/04/19 12:31	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			04/04/19 12:31	1
Xylenes, Total	15	U	15	0.30	ug/L			04/04/19 12:31	1

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

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

Lab Sample ID: MB 460-600304/8

Matrix: Water

Analysis Batch: 600304

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	50	U	50	2.9	ug/L			04/04/19 12:31	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			04/04/19 12:31	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			04/04/19 12:31	1
Ethyl methacrylate	5.0	U	5.0	0.53	ug/L			04/04/19 12:31	1
Iodomethane	5.0	U	5.0	0.48	ug/L			04/04/19 12:31	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			04/04/19 12:31	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			04/04/19 12:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		74 - 132		04/04/19 12:31	1
4-Bromofluorobenzene	105		77 - 124		04/04/19 12:31	1
Toluene-d8 (Surr)	98		80 - 120		04/04/19 12:31	1
Dibromofluoromethane (Surr)	99		72 - 131		04/04/19 12:31	1

Lab Sample ID: LCS 460-600304/3

Matrix: Water

Analysis Batch: 600304

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	135		ug/L		135	39 - 150
Acetonitrile	200	168		ug/L		84	37 - 150
Benzene	20.0	18.7		ug/L		94	77 - 121
Benzyl chloride	20.0	13.9		ug/L		70	48 - 133
Bromodichloromethane	20.0	18.3	J	ug/L		92	76 - 120
Bromoform	20.0	18.4		ug/L		92	53 - 120
Bromomethane	20.0	20.7		ug/L		104	10 - 150
4-Methyl-2-pentanone (MIBK)	100	94.2		ug/L		94	78 - 124
Carbon disulfide	20.0	17.0	J	ug/L		85	69 - 133
Carbon tetrachloride	20.0	17.7		ug/L		89	70 - 132
Chlorobenzene	20.0	19.3		ug/L		97	80 - 120
Chloroethane	20.0	16.7		ug/L		84	52 - 150
2-Chloroethyl vinyl ether	20.0	20.6		ug/L		103	43 - 146
Chloroform	20.0	19.4		ug/L		97	80 - 120
Chloromethane	20.0	17.2		ug/L		86	56 - 131
cis-1,3-Dichloropropene	20.0	18.5		ug/L		93	77 - 120
Dibromochloromethane	20.0	17.7	J	ug/L		89	73 - 120
Dibromomethane	20.0	20.1		ug/L		100	79 - 120
1,2-Dibromo-3-Chloropropane	20.0	16.6		ug/L		83	55 - 134
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120
1,3-Dichlorobenzene	20.0	20.2		ug/L		101	80 - 120
1,4-Dichlorobenzene	20.0	20.1		ug/L		101	80 - 120
Dichlorodifluoromethane	20.0	9.51	*	ug/L		48	50 - 131
1,1-Dichloroethane	20.0	18.8		ug/L		94	77 - 123
1,2-Dichloroethane	20.0	19.4		ug/L		97	76 - 121
1,1-Dichloroethene	20.0	17.0		ug/L		85	74 - 123
1,2-Dichloroethene, Total	40.0	38.6		ug/L		97	80 - 120
1,2-Dichloropropane	20.0	17.8		ug/L		89	77 - 123
Ethylbenzene	20.0	18.0		ug/L		90	80 - 120

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

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

Lab Sample ID: LCS 460-600304/3

Matrix: Water

Analysis Batch: 600304

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	100	99.2		ug/L		99	64 - 120
Methylene Chloride	20.0	18.7		ug/L		93	77 - 123
Methyl methacrylate	40.0	39.2	J	ug/L		98	71 - 124
m&p-Xylene	20.0	17.7		ug/L		88	80 - 120
o-Xylene	20.0	18.2		ug/L		91	80 - 120
Styrene	20.0	18.8		ug/L		94	80 - 120
1,1,1,2-Tetrachloroethane	20.0	17.8		ug/L		89	77 - 120
1,1,2,2-Tetrachloroethane	20.0	17.3		ug/L		87	74 - 120
Tetrachloroethene	20.0	19.2		ug/L		96	78 - 122
trans-1,2-Dichloroethene	20.0	18.1		ug/L		91	79 - 120
trans-1,3-Dichloropropene	20.0	18.5		ug/L		92	76 - 120
1,1,1-Trichloroethane	20.0	19.1		ug/L		95	75 - 125
1,1,2-Trichloroethane	20.0	19.1		ug/L		95	78 - 120
Trichloroethene	20.0	19.6		ug/L		98	77 - 120
1,2,3-Trichloropropane	20.0	19.2		ug/L		96	76 - 120
Toluene	20.0	17.7		ug/L		89	80 - 120
Vinyl acetate	40.0	38.9		ug/L		97	10 - 150
Vinyl chloride	20.0	16.6		ug/L		83	62 - 138
Xylenes, Total	40.0	35.9		ug/L		90	80 - 120
2-Hexanone	100	91.1		ug/L		91	71 - 125
cis-1,2-Dichloroethene	20.0	20.5		ug/L		103	80 - 120
1,2-Dibromoethane	20.0	19.0		ug/L		95	80 - 120
Ethyl methacrylate	20.0	18.8		ug/L		94	70 - 121
Iodomethane	20.0	11.5		ug/L		57	10 - 147
trans-1,4-Dichloro-2-butene	20.0	18.8		ug/L		94	61 - 122
Methacrylonitrile	200	224		ug/L		112	77 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		74 - 132
4-Bromofluorobenzene	107		77 - 124
Toluene-d8 (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	106		72 - 131

Lab Sample ID: LCSD 460-600304/4

Matrix: Water

Analysis Batch: 600304

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	89.1	*	ug/L		89	39 - 150	41	30
Acetonitrile	200	186		ug/L		93	37 - 150	10	30
Benzene	20.0	18.8		ug/L		94	77 - 121	0	30
Benzyl chloride	20.0	14.2		ug/L		71	48 - 133	2	30
Bromodichloromethane	20.0	19.1	J	ug/L		96	76 - 120	4	30
Bromoform	20.0	18.1		ug/L		90	53 - 120	2	30
Bromomethane	20.0	25.3		ug/L		126	10 - 150	20	30
4-Methyl-2-pentanone (MIBK)	100	101		ug/L		101	78 - 124	7	30
Carbon disulfide	20.0	17.4	J	ug/L		87	69 - 133	3	30
Carbon tetrachloride	20.0	19.0		ug/L		95	70 - 132	7	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

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

Lab Sample ID: LCSD 460-600304/4

Matrix: Water

Analysis Batch: 600304

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	20.0	19.2		ug/L		96	80 - 120	0	30
Chloroethane	20.0	17.5		ug/L		87	52 - 150	5	30
2-Chloroethyl vinyl ether	20.0	20.6		ug/L		103	43 - 146	0	30
Chloroform	20.0	19.5		ug/L		97	80 - 120	0	30
Chloromethane	20.0	17.5		ug/L		87	56 - 131	1	30
cis-1,3-Dichloropropene	20.0	18.3		ug/L		91	77 - 120	1	30
Dibromochloromethane	20.0	17.2	J	ug/L		86	73 - 120	3	30
Dibromomethane	20.0	18.1		ug/L		91	79 - 120	10	30
1,2-Dibromo-3-Chloropropane	20.0	16.6		ug/L		83	55 - 134	0	30
1,2-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120	1	30
1,3-Dichlorobenzene	20.0	19.5		ug/L		98	80 - 120	4	30
1,4-Dichlorobenzene	20.0	20.3		ug/L		101	80 - 120	1	30
Dichlorodifluoromethane	20.0	10.6		ug/L		53	50 - 131	11	30
1,1-Dichloroethane	20.0	20.2		ug/L		101	77 - 123	7	30
1,2-Dichloroethane	20.0	18.9		ug/L		94	76 - 121	3	30
1,1-Dichloroethene	20.0	17.0		ug/L		85	74 - 123	0	30
1,2-Dichloroethene, Total	40.0	40.0		ug/L		100	80 - 120	4	30
1,2-Dichloropropane	20.0	19.1		ug/L		96	77 - 123	7	30
Ethylbenzene	20.0	17.9		ug/L		90	80 - 120	1	30
2-Butanone (MEK)	100	102		ug/L		102	64 - 120	3	30
Methylene Chloride	20.0	18.0		ug/L		90	77 - 123	4	30
Methyl methacrylate	40.0	38.8	J	ug/L		97	71 - 124	1	30
m&p-Xylene	20.0	17.5		ug/L		88	80 - 120	1	30
o-Xylene	20.0	18.3		ug/L		92	80 - 120	1	30
Styrene	20.0	17.9		ug/L		89	80 - 120	5	30
1,1,1,2-Tetrachloroethane	20.0	18.1		ug/L		91	77 - 120	2	30
1,1,2,2-Tetrachloroethane	20.0	16.9		ug/L		85	74 - 120	2	30
Tetrachloroethene	20.0	20.1		ug/L		100	78 - 122	4	30
trans-1,2-Dichloroethene	20.0	19.7		ug/L		98	79 - 120	8	30
trans-1,3-Dichloropropene	20.0	18.8		ug/L		94	76 - 120	2	30
1,1,1-Trichloroethane	20.0	19.9		ug/L		99	75 - 125	4	30
1,1,2-Trichloroethane	20.0	19.3		ug/L		96	78 - 120	1	30
Trichloroethene	20.0	20.4		ug/L		102	77 - 120	4	30
1,2,3-Trichloropropane	20.0	17.8		ug/L		89	76 - 120	7	30
Toluene	20.0	17.8		ug/L		89	80 - 120	1	30
Vinyl acetate	40.0	36.3		ug/L		91	10 - 150	7	30
Vinyl chloride	20.0	16.9		ug/L		85	62 - 138	2	30
Xylenes, Total	40.0	35.9		ug/L		90	80 - 120	0	30
2-Hexanone	100	102		ug/L		102	71 - 125	11	30
cis-1,2-Dichloroethene	20.0	20.4		ug/L		102	80 - 120	1	30
1,2-Dibromoethane	20.0	18.6		ug/L		93	80 - 120	2	30
Ethyl methacrylate	20.0	17.7		ug/L		88	70 - 121	6	30
Iodomethane	20.0	12.9		ug/L		65	10 - 147	12	30
trans-1,4-Dichloro-2-butene	20.0	18.1		ug/L		91	61 - 122	4	30
Methacrylonitrile	200	199		ug/L		100	77 - 130	12	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	99		74 - 132

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

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

Lab Sample ID: LCSD 460-600304/4

Matrix: Water

Analysis Batch: 600304

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	103		77 - 124
Toluene-d8 (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	108		72 - 131

Method: 8015D - Hydrocarbon Product Identification (GC)

Lab Sample ID: MB 460-599460/1-A

Matrix: Water

Analysis Batch: 599544

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 599460

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L	-	04/01/19 08:48	04/01/19 15:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	115		42 - 120				04/01/19 08:48	04/01/19 15:42	1

Lab Sample ID: LCS 460-599460/2-A

Matrix: Water

Analysis Batch: 599544

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 599460

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mineral Spirits	2500	2260		ug/L	-	90	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	116		42 - 120				

Lab Sample ID: LCSD 460-599460/3-A

Matrix: Water

Analysis Batch: 599544

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 599460

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mineral Spirits	2500	2640		ug/L	-	106	70 - 130	16	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
o-Terphenyl	131	*	42 - 120						

QC Association Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

GC/MS VOA

Analysis Batch: 600304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-178431-1	GT-1R	Total/NA	Water	8260C	
460-178431-2	GT-2R	Total/NA	Water	8260C	
460-178431-3	GT-3	Total/NA	Water	8260C	
460-178431-4	GT-4	Total/NA	Water	8260C	
460-178431-5	GT-5	Total/NA	Water	8260C	
460-178431-6	GW-DUP	Total/NA	Water	8260C	
460-178431-7	Trip Blank	Total/NA	Water	8260C	
MB 460-600304/8	Method Blank	Total/NA	Water	8260C	
LCS 460-600304/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-600304/4	Lab Control Sample Dup	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 599460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-178431-1	GT-1R	Total/NA	Water	3510C	
460-178431-2	GT-2R	Total/NA	Water	3510C	
460-178431-3	GT-3	Total/NA	Water	3510C	
460-178431-4	GT-4	Total/NA	Water	3510C	
460-178431-5	GT-5	Total/NA	Water	3510C	
460-178431-6	GW-DUP	Total/NA	Water	3510C	
MB 460-599460/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-599460/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-599460/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 599544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-178431-1	GT-1R	Total/NA	Water	8015D	599460
460-178431-2	GT-2R	Total/NA	Water	8015D	599460
460-178431-3	GT-3	Total/NA	Water	8015D	599460
460-178431-4	GT-4	Total/NA	Water	8015D	599460
460-178431-5	GT-5	Total/NA	Water	8015D	599460
460-178431-6	GW-DUP	Total/NA	Water	8015D	599460
MB 460-599460/1-A	Method Blank	Total/NA	Water	8015D	599460
LCS 460-599460/2-A	Lab Control Sample	Total/NA	Water	8015D	599460
LCSD 460-599460/3-A	Lab Control Sample Dup	Total/NA	Water	8015D	599460

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: GT-1R

Date Collected: 03/26/19 16:40

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	600304	04/04/19 18:03	SZD	TAL EDI
Total/NA	Prep	3510C			599460	04/01/19 08:48	OTS	TAL EDI
Total/NA	Analysis	8015D		1	599544	04/01/19 19:45	BWM	TAL EDI

Client Sample ID: GT-2R

Date Collected: 03/26/19 16:30

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	600304	04/04/19 18:28	SZD	TAL EDI
Total/NA	Prep	3510C			599460	04/01/19 08:48	OTS	TAL EDI
Total/NA	Analysis	8015D		1	599544	04/01/19 19:57	BWM	TAL EDI

Client Sample ID: GT-3

Date Collected: 03/26/19 16:20

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	600304	04/04/19 18:54	SZD	TAL EDI
Total/NA	Prep	3510C			599460	04/01/19 08:48	OTS	TAL EDI
Total/NA	Analysis	8015D		1	599544	04/01/19 20:08	BWM	TAL EDI

Client Sample ID: GT-4

Date Collected: 03/26/19 16:50

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	600304	04/04/19 19:19	SZD	TAL EDI
Total/NA	Prep	3510C			599460	04/01/19 08:48	OTS	TAL EDI
Total/NA	Analysis	8015D		1	599544	04/01/19 20:20	BWM	TAL EDI

Client Sample ID: GT-5

Date Collected: 03/26/19 17:15

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	600304	04/04/19 19:45	SZD	TAL EDI
Total/NA	Prep	3510C			599460	04/01/19 08:48	OTS	TAL EDI
Total/NA	Analysis	8015D		1	599544	04/01/19 20:54	BWM	TAL EDI

Client Sample ID: GW-DUP

Date Collected: 03/26/19 12:00

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	600304	04/04/19 20:10	SZD	TAL EDI

Eurofins TestAmerica, Edison

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Client Sample ID: GW-DUP

Date Collected: 03/26/19 12:00

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-6

Matrix: Water

Total/NA	Analysis	8015D	1	599544	04/01/19 21:06	BWM	TAL EDI

Client Sample ID: Trip Blank

Date Collected: 03/26/19 17:15

Date Received: 03/29/19 09:15

Lab Sample ID: 460-178431-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	600304	04/04/19 13:47	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: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Laboratory: Eurofins TestAmerica, Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11452	04-01-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D	3510C	Water	Mineral Spirits
8260C		Water	1,2-Dichloroethene, Total

Method Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8015D	Hydrocarbon Product Identification (GC)	SW846	TAL EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	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

Sample Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-178431-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-178431-1	GT-1R	Water	03/26/19 16:40	03/29/19 09:15
460-178431-2	GT-2R	Water	03/26/19 16:30	03/29/19 09:15
460-178431-3	GT-3	Water	03/26/19 16:20	03/29/19 09:15
460-178431-4	GT-4	Water	03/26/19 16:50	03/29/19 09:15
460-178431-5	GT-5	Water	03/26/19 17:15	03/29/19 09:15
460-178431-6	GW-DUP	Water	03/26/19 12:00	03/29/19 09:15
460-178431-7	Trip Blank	Water	03/26/19 17:15	03/29/19 09:15

Edison, NJ 08817-2859
phone 732.549.3900 fax 732.549.3679

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ OW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Stephen Fleming Tel/Fax: (513) 956-2172		Site Contact: Ed Brodzinski		Date:		COC No:			
Safety-Kleen Systems, Inc.		Analysis Turnaround Time		Lab Contact:		Carrier:		1 of 1 COCs			
4120 Thunderbird Lane		☐ CALENDAR DAYS ☒ WORKING DAYS									
Fairfield, OH 45014		TAT if different from Below									
(513) 956-2127		☒ 2 weeks									
(513) 563-1645		☐ 1 week									
Project Name: Safety-Kleen Thornwood		☐ 2 days									
Site: Safety-Kleen Thornwood		☐ 1 day									
P O #											
Sample Identification		Sample Date	Sample Time	Sample Type (G=Grab, C=Comp)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs 8260C	Mineral Spirits 8015D	Sample Specific Notes:
GT-1R	3/26/19	1640	G	GW		5	N	N	X	X	1
GT-2R		1630	G	GW		5	N	N	X	X	2
GT-3		1620	G	GW		5	N	N	X	X	3
GT-4		1650	G	GW		5	N	N	X	X	4
GT-5		1715	G	GW		5	N	N	X	X	5
GW-DUP		1200	G	GW		5	N	N	X	X	6
Trip Blank		Lab supplied	G	GW		2	N	N	X		7
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:											
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Therm ID No.:			
Relinquished by: <i>Ed Brodzinski</i>		Company: CHES		Received by: <i>Michelle Hood</i>		Company: TestAmerica		Date/Time: 3/28/19 11:35			
Relinquished by: <i>Don Bray</i>		Company: Test America		Received by: <i>Michelle Hood</i>		Company: TestAmerica		Date/Time: 3/28/19 9:45			
Relinquished by:		Company:		Received in Laboratory by:		Company:		Date/Time:			

NO CS TR-19 2-906

Login Sample Receipt Checklist

Client: Safety-Kleen Systems, Inc

Job Number: 460-178431-1

Login Number: 178431

List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: Villanueva, Angelica P

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	

ANALYTICAL REPORT

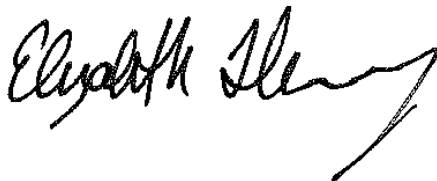
Job Number: 460-192518-1

Job Description: Safety-Kleen Thornwood

For:

Safety-Kleen Systems, Inc
4120 Thunderbird Ln
Fairfield, OH 45014

Attention: Mr. Steve Fleming, P.E.



Approved for release.
Elizabeth J Flannery
Project Manager I
10/11/2019 9:50 AM

Elizabeth J Flannery, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(732)549-3900
elizabeth.flannery@testamericainc.com
10/11/2019

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.

Eurofins TestAmerica, Edison

777 New Durham Road, Edison, NJ 08817

Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com



Table of Contents

Cover Title Page	1
Data Summaries	4
Report Narrative	4
Sample Summary	10
Detection Summary	11
Method Summary	12
Client Sample Results	13
Surrogate Summary	24
QC Sample Results	25
Definitions	39
QC Association	40
Chronicle	41
Certification Summary	43
Organic Sample Data	44
GC/MS VOA	44
8260C	44
8260C QC Summary	45
8260C Sample Data	71
Standards Data	134
8260C ICAL Data	134
8260C CCAL Data	331
Raw QC Data	377
8260C Tune Data	377
8260C Blank Data	389
8260C LCS/LCSD Data	412
8260C Run Logs	463

Table of Contents

8260C Prep Data	467
GC Semi VOA	471
8015D_ID	471
8015D_ID QC Summary	472
8015D_ID Sample Data	476
Standards Data	501
8015D_ID ICAL Data	501
8015D_ID CCAL Data	515
Raw QC Data	531
8015D_ID Blank Data	531
8015D_ID LCS/LCSD Data	551
8015D_ID Run Logs	557
8015D_ID Prep Data	559
Shipping and Receiving Documents	560
Client Chain of Custody	561
Sample Receipt Checklist	563

CASE NARRATIVE

Client: Safety-Kleen Systems, Inc

Project: Safety-Kleen Thornwood

Report Number: 460-192518-1

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

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

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

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

RECEIPT

The samples were received on 9/27/2019 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° C.

Receipt Exceptions

One or more containers for the following sample was received broken or leaking: GW-DUP (460-192518-6). 1 of 3 vials was received broken.

Per laboratory policy, the Trip Blank sample date/time was added to reflect the latest sample date/time of the sampling event. Trip Blank (460-192518-7)

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 GT-1R (460-192518-1), GT-2R (460-192518-2), GT-3 (460-192518-3), GT-4 (460-192518-4), GT-5 (460-192518-5), GW-DUP (460-192518-6) and Trip Blank (460-192518-7) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 10/08/2019 and 10/09/2019.

The continuing calibration verification (CCV) analyzed in batch 460-645366 was outside the method criteria for the following analyte(s): Iodomethane (biased low) and Vinyl chloride (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-645726 was outside the method criteria for the following analyte: Chloromethane (bias high), trans-1,4-Dichloro-2-butene and Iodomethane (bias low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and Iodomethane was found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-645557 was outside the method criteria for the following analyte(s): Chloromethane (biased high); Iodomethane and trans-1,4-Dichloro-2-butene (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) for analytical batch 460-645366 recovered outside control limits for the following analyte: Chloromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch analytical batch 460-645366 recovered outside control limits for the following analyte: Chloromethane.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-645726 recovered outside control limits for the following analytes: Benzene and Chloromethane. The LCS/LCSD % RPD for Chloromethane and Acetonitrile was outside control limits. The associated sample data has been flagged and reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-645557 recovered outside control limits for the following analyte: Chloromethane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: (LCS 460-645726/3). The result has been reported and qualified.

Toluene-d8 (Surr) failed the surrogate recovery criteria low for LCS 460-645726/3. Refer to the QC report for details.

Chloromethane failed the recovery criteria high for LCS 460-645366/4. Chloromethane failed the recovery criteria high for LCS 460-645557/3. Chloromethane failed the recovery criteria high for LCS 460-645726/3. Chloromethane exceeded the RPD limit for LCSD 460-645366/5. Chloromethane failed the recovery criteria high for LCSD 460-645557/4. Benzene failed the recovery criteria high for LCSD 460-645726/6. Acetonitrile and Chloromethane exceeded the RPD limit. Refer to the QC report for details.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

MINERAL RANGE ORGANICS (MRO)

Samples GT-1R (460-192518-1), GT-2R (460-192518-2), GT-3 (460-192518-3), GT-4 (460-192518-4), GT-5 (460-192518-5) and GW-DUP (460-192518-6) were analyzed for Mineral Range Organics (MRO) in accordance with EPA SW-846 Method 8015D_ID. The samples were prepared on 09/30/2019 and analyzed on 10/01/2019.

No difficulties were encountered during the MRO analysis.

All quality control parameters were within the acceptance limits.

Project Specific Reporting Limits – Aqueous Samples

For aqueous samples, please note that the reporting limits listed below may vary for each sample analyzed based on sample volume, and/or sample dilution. The aqueous laboratory reporting limits are based on the New York State Department of Environmental Conservation (NYSDEC) Technical & Operational Guidance Series (TOGS) section 1.1.1 class GA standards, and ASI's previously reported laboratory reporting limits where no TOGS class GA standard exists.

Analyte	Aqueous Project Specific Reporting Limits	Units
Acetone	50	ug/L
Acetonitrile	10	ug/L
Allyl chloride	5	ug/L
Benzene	1	ug/L
Benzyl chloride	10	ug/L
Bromodichloromethane	50	ug/L
Bromoform	5	ug/L
Bromomethane	5	ug/L
2-Butanone (MEK)	50	ug/L
Carbon disulfide	60	ug/L
Carbon tetrachloride	5	ug/L
Chlorobenzene	5	ug/L
Chloroethane	5	ug/L
2-Chloroethyl vinyl ether	20	ug/L
Chloroform	7	ug/L
Chloromethane	5	ug/L
cis-1,2-Dichloroethene	5	ug/L
cis-1,3-Dichloropropene	0.2	ug/L
Dibromochloromethane	50	ug/L
1,2-Dibromo-3-Chloropropane	0.04	ug/L
1,2-Dibromoethane	5	ug/L
Dibromomethane	5	ug/L
1,3-Dichlorobenzene	3	ug/L
1,4-Dichlorobenzene	3	ug/L
1,2-Dichlorobenzene	3	ug/L
Dichlorodifluoromethane	5	ug/L
1,1-Dichloroethane	5	ug/L
1,2-Dichloroethane	0.6	ug/L
1,1-Dichloroethene	5	ug/L
1,2-Dichloroethene, Total	2	ug/L
1,2-Dichloropropane	1	ug/L
Ethylbenzene	5	ug/L
Ethyl methacrylate	5	ug/L
2-Hexanone	50	ug/L
Iodomethane	5	ug/L
Isobutyl alcohol	250	ug/L
Methacrylonitrile	5	ug/L
Methylene Chloride	5	ug/L
Methyl methacrylate	50	ug/L
4-Methyl-2-pentanone (MIBK)	5	ug/L
m&p-Xylene	10	ug/L
o-Xylene	5	ug/L
Styrene	5	ug/L
1,1,1,2-Tetrachloroethane	5	ug/L
1,1,2,2-Tetrachloroethane	5	ug/L
Tetrachloroethene	5	ug/L
Toluene	5	ug/L
trans-1,4-Dichloro-2-butene	5	ug/L
trans-1,2-Dichloroethene	5	ug/L

Analyte	Aqueous Project Specific Reporting Limit	Units
<i>trans</i> -1,3-Dichloropropene	0.2	ug/L
1,1,1-Trichloroethane	5	ug/L
1,1,2-Trichloroethane	1	ug/L
Trichloroethene	5	ug/L
1,2,3-Trichloropropane	0.04	ug/L
Vinyl acetate	5	ug/L
Vinyl chloride	2	ug/L
Xylenes, Total	15	ug/L
Mineral Spirit Range Organics	50	ug/L

Project Specific Reporting Limits – Solid Samples

For solid samples, please note that the reporting limits listed below will vary for each sample analyzed based on sample moisture content, sample volume, and/or sample dilution. The solid laboratory reporting limits are based on the New York State Department of Environmental Conservation (NYSDEC)

Subpart 375-6.8(a) Unrestricted Use Soil Cleanup Objectives and TestAmerica

Edison's laboratory reporting limits where no part 375 cleanup objectives exist.

Analyte	Solid Project Specific Reporting Limits	Units
Acetone	50	ug/Kg
Acetonitrile	50	ug/Kg
Allyl chloride	5	ug/Kg
Benzene	60	ug/Kg
Benzyl chloride	5	ug/Kg
Bromodichloromethane	5	ug/Kg
Bromoform	5	ug/Kg
Bromomethane	5	ug/Kg
2-Butanone (MEK)	120	ug/Kg
Carbon disulfide	5	ug/Kg
Carbon tetrachloride	760	ug/Kg
Chlorobenzene	1100	ug/Kg
Chloroethane	5	ug/Kg
2-Chloroethyl vinyl ether	5	ug/Kg
Chloroform	370	ug/Kg
Chloromethane	5	ug/Kg
cis-1,2-Dichloroethene	250	ug/Kg
cis-1,3-Dichloropropene	5	ug/Kg
Dibromochloromethane	5	ug/Kg
1,2-Dibromo-3-Chloropropane	10	ug/Kg
1,2-Dibromoethane	5	ug/Kg
Dibromomethane	5	ug/Kg
1,3-Dichlorobenzene	2400	ug/Kg
1,4-Dichlorobenzene	1800	ug/Kg
1,2-Dichlorobenzene	1100	ug/Kg
Dichlorodifluoromethane	5	ug/Kg
1,1-Dichloroethane	270	ug/Kg
1,2-Dichloroethane	20	ug/Kg
1,1-Dichloroethene	330	ug/Kg
1,2-Dichloroethene, Total	5	ug/Kg
1,2-Dichloropropane	5	ug/Kg
Ethylbenzene	1000	ug/Kg
Ethyl methacrylate	10	ug/Kg
2-Hexanone	10	ug/Kg
Iodomethane	10	ug/Kg
Isobutyl alcohol	150	ug/Kg
Methacrylonitrile	10	ug/Kg
Methylene Chloride	50	ug/Kg
Methyl methacrylate	10	ug/Kg
4-Methyl-2-pentanone (MIBK)	5	ug/Kg
m&p-Xylene	5	ug/Kg
o-Xylene	5	ug/Kg
Styrene	5	ug/Kg
1,1,1,2-Tetrachloroethane	5	ug/Kg
1,1,2,2-Tetrachloroethane	5	ug/Kg
Tetrachloroethene	1300	ug/Kg
Toluene	700	ug/Kg
trans-1,4-Dichloro-2-butene	10	ug/Kg
trans-1,2-Dichloroethene	190	ug/Kg

Analyte	Solid Project Specific Reporting Limits	Units
<i>trans</i> -1,3-Dichloropropene	5	ug/Kg
1,1,1-Trichloroethane	680	ug/Kg
1,1,2-Trichloroethane	5	ug/Kg
Trichloroethene	470	ug/Kg
1,2,3-Trichloropropane	5	ug/Kg
Vinyl acetate	20	ug/Kg
Vinyl chloride	5	ug/Kg
Xylenes, Total	260	ug/Kg
Mineral Spirit Range Organics	6700	ug/Kg

Sample Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-192518-1	GT-1R	Water	09/25/19 11:20	09/27/19 09:00	
460-192518-2	GT-2R	Water	09/25/19 11:00	09/27/19 09:00	
460-192518-3	GT-3	Water	09/25/19 10:30	09/27/19 09:00	
460-192518-4	GT-4	Water	09/25/19 10:00	09/27/19 09:00	
460-192518-5	GT-5	Water	09/25/19 11:40	09/27/19 09:00	
460-192518-6	GW-DUP	Water	09/25/19 09:00	09/27/19 09:00	
460-192518-7	Trip Blank	Water	09/25/19 11:40	09/27/19 09:00	

Detection Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: GT-1R

Lab Sample ID: 460-192518-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Tetrachloroethene	0.56	J	5.0	0.25	ug/L	1			8260C	Total/NA

Client Sample ID: GT-2R

Lab Sample ID: 460-192518-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	9.3	J	50	4.4	ug/L	1			8260C	Total/NA
Chlorobenzene	6.4		5.0	0.38	ug/L	1			8260C	Total/NA
1,2-Dichlorobenzene	0.56	J	3.0	0.43	ug/L	1			8260C	Total/NA
1,3-Dichlorobenzene	0.43	J	3.0	0.34	ug/L	1			8260C	Total/NA
1,4-Dichlorobenzene	2.3	J	3.0	0.33	ug/L	1			8260C	Total/NA

Client Sample ID: GT-3

Lab Sample ID: 460-192518-3

No Detections.

Client Sample ID: GT-4

Lab Sample ID: 460-192518-4

No Detections.

Client Sample ID: GT-5

Lab Sample ID: 460-192518-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Tetrachloroethene	1.2	J	5.0	0.25	ug/L	1			8260C	Total/NA

Client Sample ID: GW-DUP

Lab Sample ID: 460-192518-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	6.5	J	50	4.4	ug/L	1			8260C	Total/NA
Chlorobenzene	6.4		5.0	0.38	ug/L	1			8260C	Total/NA
1,2-Dichlorobenzene	0.49	J	3.0	0.43	ug/L	1			8260C	Total/NA
1,3-Dichlorobenzene	0.43	J	3.0	0.34	ug/L	1			8260C	Total/NA
1,4-Dichlorobenzene	2.2	J	3.0	0.33	ug/L	1			8260C	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 460-192518-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	4.8	J	50	4.4	ug/L	1			8260C	Total/NA
Ethylbenzene	0.35	J	5.0	0.30	ug/L	1			8260C	Total/NA
Methylene Chloride	0.70	J	5.0	0.32	ug/L	1			8260C	Total/NA
m&p-Xylene	1.8	J	10	0.30	ug/L	1			8260C	Total/NA
o-Xylene	0.54	J	5.0	0.36	ug/L	1			8260C	Total/NA
Xylenes, Total	2.4	J	15	0.65	ug/L	1			8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Method Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8015D	Hydrocarbon Product Identification (GC)	SW846	TAL EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	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: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: GT-1R

Lab Sample ID: 460-192518-1

Date Collected: 09/25/19 11:20

Matrix: Water

Date Received: 09/27/19 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/08/19 19:34	1
Acetonitrile	10	U	10	5.0	ug/L			10/08/19 19:34	1
Benzene	1.0	U	1.0	0.20	ug/L			10/08/19 19:34	1
Benzyl chloride	10	U	10	0.34	ug/L			10/08/19 19:34	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/08/19 19:34	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/08/19 19:34	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/08/19 19:34	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/08/19 19:34	1
Carbon disulfide	60	U	60	0.82	ug/L			10/08/19 19:34	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/08/19 19:34	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/08/19 19:34	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/08/19 19:34	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/08/19 19:34	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/08/19 19:34	1
Chloromethane	5.0	U *	5.0	0.40	ug/L			10/08/19 19:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/08/19 19:34	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/08/19 19:34	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/08/19 19:34	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/08/19 19:34	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			10/08/19 19:34	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/08/19 19:34	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/19 19:34	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/08/19 19:34	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/08/19 19:34	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/08/19 19:34	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/19 19:34	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/08/19 19:34	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/08/19 19:34	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/19 19:34	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/08/19 19:34	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/08/19 19:34	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/08/19 19:34	1
m&p-Xylene	10	U	10	0.30	ug/L			10/08/19 19:34	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/08/19 19:34	1
Styrene	5.0	U	5.0	0.42	ug/L			10/08/19 19:34	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/08/19 19:34	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/08/19 19:34	1
Tetrachloroethene	0.56	J	5.0	0.25	ug/L			10/08/19 19:34	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/08/19 19:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/08/19 19:34	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/08/19 19:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/08/19 19:34	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/08/19 19:34	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/08/19 19:34	1
Toluene	5.0	U	5.0	0.38	ug/L			10/08/19 19:34	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/08/19 19:34	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/08/19 19:34	1
Xylenes, Total	15	U	15	0.65	ug/L			10/08/19 19:34	1
2-Hexanone	50	U	50	1.1	ug/L			10/08/19 19:34	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: GT-1R

Date Collected: 09/25/19 11:20

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/08/19 19:34	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/08/19 19:34	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/08/19 19:34	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/08/19 19:34	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/08/19 19:34	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			10/08/19 19:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		74 - 132		10/08/19 19:34	1
4-Bromofluorobenzene	93		77 - 124		10/08/19 19:34	1
Toluene-d8 (Surr)	102		80 - 120		10/08/19 19:34	1
Dibromofluoromethane (Surr)	95		72 - 131		10/08/19 19:34	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		09/30/19 19:32	10/01/19 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	94		42 - 120	09/30/19 19:32	10/01/19 17:19	1

Client Sample ID: GT-2R

Date Collected: 09/25/19 11:00

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.3	J	50	4.4	ug/L			10/08/19 20:02	1
Acetonitrile	10	U	10	5.0	ug/L			10/08/19 20:02	1
Benzene	1.0	U	1.0	0.20	ug/L			10/08/19 20:02	1
Benzyl chloride	10	U	10	0.34	ug/L			10/08/19 20:02	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/08/19 20:02	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/08/19 20:02	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/08/19 20:02	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/08/19 20:02	1
Carbon disulfide	60	U	60	0.82	ug/L			10/08/19 20:02	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/08/19 20:02	1
Chlorobenzene	6.4		5.0	0.38	ug/L			10/08/19 20:02	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/08/19 20:02	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/08/19 20:02	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/08/19 20:02	1
Chloromethane	5.0	U *	5.0	0.40	ug/L			10/08/19 20:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/08/19 20:02	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/08/19 20:02	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/08/19 20:02	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/08/19 20:02	1
1,2-Dichlorobenzene	0.56	J	3.0	0.43	ug/L			10/08/19 20:02	1
1,3-Dichlorobenzene	0.43	J	3.0	0.34	ug/L			10/08/19 20:02	1
1,4-Dichlorobenzene	2.3	J	3.0	0.33	ug/L			10/08/19 20:02	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/08/19 20:02	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/08/19 20:02	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/08/19 20:02	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: GT-2R

Date Collected: 09/25/19 11:00

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/19 20:02	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/08/19 20:02	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/08/19 20:02	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/19 20:02	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/08/19 20:02	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/08/19 20:02	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/08/19 20:02	1
m&p-Xylene	10	U	10	0.30	ug/L			10/08/19 20:02	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/08/19 20:02	1
Styrene	5.0	U	5.0	0.42	ug/L			10/08/19 20:02	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/08/19 20:02	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/08/19 20:02	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/08/19 20:02	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/08/19 20:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/08/19 20:02	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/08/19 20:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/08/19 20:02	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/08/19 20:02	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/08/19 20:02	1
Toluene	5.0	U	5.0	0.38	ug/L			10/08/19 20:02	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/08/19 20:02	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/08/19 20:02	1
Xylenes, Total	15	U	15	0.65	ug/L			10/08/19 20:02	1
2-Hexanone	50	U	50	1.1	ug/L			10/08/19 20:02	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/08/19 20:02	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/08/19 20:02	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/08/19 20:02	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/08/19 20:02	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/08/19 20:02	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			10/08/19 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		74 - 132		10/08/19 20:02	1
4-Bromofluorobenzene	95		77 - 124		10/08/19 20:02	1
Toluene-d8 (Surr)	101		80 - 120		10/08/19 20:02	1
Dibromofluoromethane (Surr)	94		72 - 131		10/08/19 20:02	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		09/30/19 19:32	10/01/19 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	96		42 - 120	09/30/19 19:32	10/01/19 17:30	1

Client Sample ID: GT-3

Date Collected: 09/25/19 10:30

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/08/19 20:31	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: GT-3

Lab Sample ID: 460-192518-3

Date Collected: 09/25/19 10:30

Matrix: Water

Date Received: 09/27/19 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	10	5.0	ug/L			10/08/19 20:31	1
Benzene	1.0	U	1.0	0.20	ug/L			10/08/19 20:31	1
Benzyl chloride	10	U	10	0.34	ug/L			10/08/19 20:31	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/08/19 20:31	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/08/19 20:31	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/08/19 20:31	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/08/19 20:31	1
Carbon disulfide	60	U	60	0.82	ug/L			10/08/19 20:31	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/08/19 20:31	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/08/19 20:31	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/08/19 20:31	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/08/19 20:31	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/08/19 20:31	1
Chloromethane	5.0	U *	5.0	0.40	ug/L			10/08/19 20:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/08/19 20:31	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/08/19 20:31	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/08/19 20:31	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/08/19 20:31	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			10/08/19 20:31	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/08/19 20:31	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/19 20:31	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/08/19 20:31	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/08/19 20:31	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/08/19 20:31	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/19 20:31	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/08/19 20:31	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/08/19 20:31	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/19 20:31	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/08/19 20:31	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/08/19 20:31	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/08/19 20:31	1
m&p-Xylene	10	U	10	0.30	ug/L			10/08/19 20:31	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/08/19 20:31	1
Styrene	5.0	U	5.0	0.42	ug/L			10/08/19 20:31	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/08/19 20:31	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/08/19 20:31	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/08/19 20:31	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/08/19 20:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/08/19 20:31	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/08/19 20:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/08/19 20:31	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/08/19 20:31	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/08/19 20:31	1
Toluene	5.0	U	5.0	0.38	ug/L			10/08/19 20:31	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/08/19 20:31	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/08/19 20:31	1
Xylenes, Total	15	U	15	0.65	ug/L			10/08/19 20:31	1
2-Hexanone	50	U	50	1.1	ug/L			10/08/19 20:31	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/08/19 20:31	1

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: GT-3

Date Collected: 09/25/19 10:30

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/08/19 20:31	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/08/19 20:31	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/08/19 20:31	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/08/19 20:31	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			10/08/19 20:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		74 - 132		10/08/19 20:31	1
4-Bromofluorobenzene	93		77 - 124		10/08/19 20:31	1
Toluene-d8 (Surr)	102		80 - 120		10/08/19 20:31	1
Dibromofluoromethane (Surr)	95		72 - 131		10/08/19 20:31	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		09/30/19 19:32	10/01/19 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	88		42 - 120	09/30/19 19:32	10/01/19 17:42	1

Client Sample ID: GT-4

Date Collected: 09/25/19 10:00

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/08/19 20:59	1
Acetonitrile	10	U	10	5.0	ug/L			10/08/19 20:59	1
Benzene	1.0	U	1.0	0.20	ug/L			10/08/19 20:59	1
Benzyl chloride	10	U	10	0.34	ug/L			10/08/19 20:59	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/08/19 20:59	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/08/19 20:59	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/08/19 20:59	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/08/19 20:59	1
Carbon disulfide	60	U	60	0.82	ug/L			10/08/19 20:59	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/08/19 20:59	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/08/19 20:59	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/08/19 20:59	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/08/19 20:59	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/08/19 20:59	1
Chloromethane	5.0	U *	5.0	0.40	ug/L			10/08/19 20:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/08/19 20:59	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/08/19 20:59	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/08/19 20:59	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/08/19 20:59	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			10/08/19 20:59	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/08/19 20:59	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/19 20:59	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/08/19 20:59	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/08/19 20:59	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/08/19 20:59	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/19 20:59	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: GT-4

Lab Sample ID: 460-192518-4

Date Collected: 09/25/19 10:00

Matrix: Water

Date Received: 09/27/19 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/08/19 20:59	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/08/19 20:59	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/19 20:59	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/08/19 20:59	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/08/19 20:59	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/08/19 20:59	1
m&p-Xylene	10	U	10	0.30	ug/L			10/08/19 20:59	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/08/19 20:59	1
Styrene	5.0	U	5.0	0.42	ug/L			10/08/19 20:59	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/08/19 20:59	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/08/19 20:59	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/08/19 20:59	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/08/19 20:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/08/19 20:59	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/08/19 20:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/08/19 20:59	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/08/19 20:59	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/08/19 20:59	1
Toluene	5.0	U	5.0	0.38	ug/L			10/08/19 20:59	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/08/19 20:59	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/08/19 20:59	1
Xylenes, Total	15	U	15	0.65	ug/L			10/08/19 20:59	1
2-Hexanone	50	U	50	1.1	ug/L			10/08/19 20:59	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/08/19 20:59	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/08/19 20:59	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/08/19 20:59	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/08/19 20:59	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/08/19 20:59	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			10/08/19 20:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		74 - 132		10/08/19 20:59	1
4-Bromofluorobenzene	93		77 - 124		10/08/19 20:59	1
Toluene-d8 (Surr)	101		80 - 120		10/08/19 20:59	1
Dibromofluoromethane (Surr)	95		72 - 131		10/08/19 20:59	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		09/30/19 19:32	10/01/19 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	90		42 - 120	09/30/19 19:32	10/01/19 17:53	1

Client Sample ID: GT-5

Lab Sample ID: 460-192518-5

Date Collected: 09/25/19 11:40

Matrix: Water

Date Received: 09/27/19 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/09/19 05:32	1
Acetonitrile	10	U	10	5.0	ug/L			10/09/19 05:32	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: GT-5

Lab Sample ID: 460-192518-5

Date Collected: 09/25/19 11:40

Matrix: Water

Date Received: 09/27/19 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			10/09/19 05:32	1
Benzyl chloride	10	U	10	0.34	ug/L			10/09/19 05:32	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/09/19 05:32	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/09/19 05:32	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/09/19 05:32	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/09/19 05:32	1
Carbon disulfide	60	U	60	0.82	ug/L			10/09/19 05:32	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/09/19 05:32	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/09/19 05:32	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/09/19 05:32	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/09/19 05:32	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/09/19 05:32	1
Chloromethane	5.0	U *	5.0	0.40	ug/L			10/09/19 05:32	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/19 05:32	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/09/19 05:32	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/09/19 05:32	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/09/19 05:32	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			10/09/19 05:32	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/09/19 05:32	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/09/19 05:32	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/09/19 05:32	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/09/19 05:32	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/19 05:32	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/09/19 05:32	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/09/19 05:32	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/19 05:32	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/09/19 05:32	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/09/19 05:32	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/09/19 05:32	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/09/19 05:32	1
m&p-Xylene	10	U	10	0.30	ug/L			10/09/19 05:32	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/09/19 05:32	1
Styrene	5.0	U	5.0	0.42	ug/L			10/09/19 05:32	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/09/19 05:32	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/09/19 05:32	1
Tetrachloroethene	1.2	J	5.0	0.25	ug/L			10/09/19 05:32	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/09/19 05:32	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/09/19 05:32	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/09/19 05:32	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/09/19 05:32	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/09/19 05:32	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/09/19 05:32	1
Toluene	5.0	U	5.0	0.38	ug/L			10/09/19 05:32	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/09/19 05:32	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/09/19 05:32	1
Xylenes, Total	15	U	15	0.65	ug/L			10/09/19 05:32	1
2-Hexanone	50	U	50	1.1	ug/L			10/09/19 05:32	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/09/19 05:32	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/09/19 05:32	1

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: GT-5

Lab Sample ID: 460-192518-5

Date Collected: 09/25/19 11:40

Matrix: Water

Date Received: 09/27/19 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/09/19 05:32	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/09/19 05:32	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/09/19 05:32	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			10/09/19 05:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		74 - 132					10/09/19 05:32	1
4-Bromofluorobenzene	95		77 - 124					10/09/19 05:32	1
Toluene-d8 (Surr)	102		80 - 120					10/09/19 05:32	1
Dibromofluoromethane (Surr)	96		72 - 131					10/09/19 05:32	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		09/30/19 19:32	10/01/19 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	93		42 - 120				09/30/19 19:32	10/01/19 18:27	1

Client Sample ID: GW-DUP

Lab Sample ID: 460-192518-6

Date Collected: 09/25/19 09:00

Matrix: Water

Date Received: 09/27/19 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	6.5	J	50	4.4	ug/L			10/09/19 06:02	1
Acetonitrile	10	U	10	5.0	ug/L			10/09/19 06:02	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/19 06:02	1
Benzyl chloride	10	U	10	0.34	ug/L			10/09/19 06:02	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/09/19 06:02	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/09/19 06:02	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/09/19 06:02	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/09/19 06:02	1
Carbon disulfide	60	U	60	0.82	ug/L			10/09/19 06:02	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/09/19 06:02	1
Chlorobenzene	6.4		5.0	0.38	ug/L			10/09/19 06:02	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/09/19 06:02	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/09/19 06:02	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/09/19 06:02	1
Chloromethane	5.0	U *	5.0	0.40	ug/L			10/09/19 06:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/19 06:02	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/09/19 06:02	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/09/19 06:02	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/09/19 06:02	1
1,2-Dichlorobenzene	0.49	J	3.0	0.43	ug/L			10/09/19 06:02	1
1,3-Dichlorobenzene	0.43	J	3.0	0.34	ug/L			10/09/19 06:02	1
1,4-Dichlorobenzene	2.2	J	3.0	0.33	ug/L			10/09/19 06:02	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/09/19 06:02	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/09/19 06:02	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/19 06:02	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/09/19 06:02	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/09/19 06:02	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: GW-DUP

Lab Sample ID: 460-192518-6

Date Collected: 09/25/19 09:00

Matrix: Water

Date Received: 09/27/19 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/19 06:02	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/09/19 06:02	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/09/19 06:02	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/09/19 06:02	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/09/19 06:02	1
m&p-Xylene	10	U	10	0.30	ug/L			10/09/19 06:02	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/09/19 06:02	1
Styrene	5.0	U	5.0	0.42	ug/L			10/09/19 06:02	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/09/19 06:02	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/09/19 06:02	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/09/19 06:02	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/09/19 06:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/09/19 06:02	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/09/19 06:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/09/19 06:02	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/09/19 06:02	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/09/19 06:02	1
Toluene	5.0	U	5.0	0.38	ug/L			10/09/19 06:02	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/09/19 06:02	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/09/19 06:02	1
Xylenes, Total	15	U	15	0.65	ug/L			10/09/19 06:02	1
2-Hexanone	50	U	50	1.1	ug/L			10/09/19 06:02	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/09/19 06:02	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/09/19 06:02	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/09/19 06:02	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/09/19 06:02	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/09/19 06:02	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			10/09/19 06:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		74 - 132		10/09/19 06:02	1
4-Bromofluorobenzene	93		77 - 124		10/09/19 06:02	1
Toluene-d8 (Surr)	100		80 - 120		10/09/19 06:02	1
Dibromofluoromethane (Surr)	97		72 - 131		10/09/19 06:02	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		09/30/19 19:32	10/01/19 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	93		42 - 120	09/30/19 19:32	10/01/19 18:38	1

Client Sample ID: Trip Blank

Lab Sample ID: 460-192518-7

Date Collected: 09/25/19 11:40

Matrix: Water

Date Received: 09/27/19 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.8	J	50	4.4	ug/L			10/09/19 16:16	1
Acetonitrile	10	U *	10	5.0	ug/L			10/09/19 16:16	1
Benzene	1.0	U *	1.0	0.20	ug/L			10/09/19 16:16	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-192518-7

Date Collected: 09/25/19 11:40

Matrix: Water

Date Received: 09/27/19 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	10	U	10	0.34	ug/L			10/09/19 16:16	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/09/19 16:16	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/09/19 16:16	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/09/19 16:16	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/09/19 16:16	1
Carbon disulfide	60	U	60	0.82	ug/L			10/09/19 16:16	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/09/19 16:16	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/09/19 16:16	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/09/19 16:16	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/09/19 16:16	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/09/19 16:16	1
Chloromethane	5.0	U *	5.0	0.40	ug/L			10/09/19 16:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/19 16:16	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/09/19 16:16	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/09/19 16:16	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/09/19 16:16	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			10/09/19 16:16	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/09/19 16:16	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/09/19 16:16	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/09/19 16:16	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/09/19 16:16	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/19 16:16	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/09/19 16:16	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/09/19 16:16	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/19 16:16	1
Ethylbenzene	0.35	J	5.0	0.30	ug/L			10/09/19 16:16	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/09/19 16:16	1
Methylene Chloride	0.70	J	5.0	0.32	ug/L			10/09/19 16:16	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/09/19 16:16	1
m&p-Xylene	1.8	J	10	0.30	ug/L			10/09/19 16:16	1
o-Xylene	0.54	J	5.0	0.36	ug/L			10/09/19 16:16	1
Styrene	5.0	U	5.0	0.42	ug/L			10/09/19 16:16	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/09/19 16:16	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/09/19 16:16	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/09/19 16:16	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/09/19 16:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/09/19 16:16	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/09/19 16:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/09/19 16:16	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/09/19 16:16	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/09/19 16:16	1
Toluene	5.0	U	5.0	0.38	ug/L			10/09/19 16:16	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/09/19 16:16	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/09/19 16:16	1
Xylenes, Total	2.4	J	15	0.65	ug/L			10/09/19 16:16	1
2-Hexanone	50	U	50	1.1	ug/L			10/09/19 16:16	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/09/19 16:16	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/09/19 16:16	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/09/19 16:16	1

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-192518-7

Date Collected: 09/25/19 11:40

Matrix: Water

Date Received: 09/27/19 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iodomethane	5.0	U	5.0	0.48	ug/L			10/09/19 16:16	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/09/19 16:16	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			10/09/19 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		74 - 132		10/09/19 16:16	1
4-Bromofluorobenzene	94		77 - 124		10/09/19 16:16	1
Toluene-d8 (Surr)	99		80 - 120		10/09/19 16:16	1
Dibromofluoromethane (Surr)	101		72 - 131		10/09/19 16:16	1

Surrogate Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (74-132)	BFB (77-124)	TOL (80-120)	DBFM (72-131)
460-192518-1	GT-1R	89	93	102	95
460-192518-2	GT-2R	88	95	101	94
460-192518-3	GT-3	88	93	102	95
460-192518-4	GT-4	90	93	101	95
460-192518-5	GT-5	91	95	102	96
460-192518-6	GW-DUP	89	93	100	97
460-192518-7	Trip Blank	94	94	99	101
LCS 460-645366/4	Lab Control Sample	95	98	101	100
LCS 460-645557/3	Lab Control Sample	94	98	101	102
LCS 460-645726/3	Lab Control Sample	94	98	67 *	100
LCSD 460-645366/5	Lab Control Sample Dup	94	98	102	100
LCSD 460-645557/4	Lab Control Sample Dup	94	99	100	100
LCSD 460-645726/6	Lab Control Sample Dup	99	99	101	105
MB 460-645366/8	Method Blank	86	93	101	93
MB 460-645557/7	Method Blank	89	94	102	97
MB 460-645726/8	Method Blank	92	95	101	102

Surrogate Legend

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

BFB = 4-Bromofluorobenzene

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8015D - Hydrocarbon Product Identification (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		OTPH (42-120)			
460-192518-1	GT-1R	94			
460-192518-2	GT-2R	96			
460-192518-3	GT-3	88			
460-192518-4	GT-4	90			
460-192518-5	GT-5	93			
460-192518-6	GW-DUP	93			
LCS 460-643421/2-A	Lab Control Sample	95			
LCSD 460-643421/3-A	Lab Control Sample Dup	95			
MB 460-643421/1-A	Method Blank	88			

Surrogate Legend

OTPH = o-Terphenyl

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Lab Sample ID: MB 460-645366/8

Matrix: Water

Analysis Batch: 645366

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/08/19 12:29	1
Acetonitrile	10	U	10	5.0	ug/L			10/08/19 12:29	1
Benzene	1.0	U	1.0	0.20	ug/L			10/08/19 12:29	1
Benzyl chloride	10	U	10	0.34	ug/L			10/08/19 12:29	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/08/19 12:29	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/08/19 12:29	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/08/19 12:29	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/08/19 12:29	1
Carbon disulfide	60	U	60	0.82	ug/L			10/08/19 12:29	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/08/19 12:29	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/08/19 12:29	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/08/19 12:29	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/08/19 12:29	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/08/19 12:29	1
Chloromethane	5.0	U	5.0	0.40	ug/L			10/08/19 12:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/08/19 12:29	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/08/19 12:29	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/08/19 12:29	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/08/19 12:29	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			10/08/19 12:29	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/08/19 12:29	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/19 12:29	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/08/19 12:29	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/08/19 12:29	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/08/19 12:29	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/19 12:29	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/08/19 12:29	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/08/19 12:29	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/19 12:29	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/08/19 12:29	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/08/19 12:29	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/08/19 12:29	1
m&p-Xylene	10	U	10	0.30	ug/L			10/08/19 12:29	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/08/19 12:29	1
Styrene	5.0	U	5.0	0.42	ug/L			10/08/19 12:29	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/08/19 12:29	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/08/19 12:29	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/08/19 12:29	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/08/19 12:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/08/19 12:29	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/08/19 12:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/08/19 12:29	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/08/19 12:29	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/08/19 12:29	1
Toluene	5.0	U	5.0	0.38	ug/L			10/08/19 12:29	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/08/19 12:29	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/08/19 12:29	1
Xylenes, Total	15	U	15	0.65	ug/L			10/08/19 12:29	1

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Lab Sample ID: MB 460-645366/8

Matrix: Water

Analysis Batch: 645366

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	50	U	50	1.1	ug/L			10/08/19 12:29	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/08/19 12:29	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/08/19 12:29	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/08/19 12:29	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/08/19 12:29	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/08/19 12:29	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			10/08/19 12:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		74 - 132		10/08/19 12:29	1
4-Bromofluorobenzene	93		77 - 124		10/08/19 12:29	1
Toluene-d8 (Surr)	101		80 - 120		10/08/19 12:29	1
Dibromofluoromethane (Surr)	93		72 - 131		10/08/19 12:29	1

Lab Sample ID: LCS 460-645366/4

Matrix: Water

Analysis Batch: 645366

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	104		ug/L		104	39 - 150
Acetonitrile	200	221		ug/L		111	37 - 150
Benzene	20.0	21.1		ug/L		106	77 - 121
Benzyl chloride	20.0	10.4		ug/L		52	48 - 133
Bromodichloromethane	20.0	18.8	J	ug/L		94	76 - 120
Bromoform	20.0	17.5		ug/L		88	53 - 120
Bromomethane	20.0	25.6		ug/L		128	10 - 150
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	78 - 124
Carbon disulfide	20.0	18.5	J	ug/L		92	69 - 133
Carbon tetrachloride	20.0	19.3		ug/L		97	70 - 132
Chlorobenzene	20.0	21.1		ug/L		105	80 - 120
Chloroethane	20.0	26.3		ug/L		131	52 - 150
2-Chloroethyl vinyl ether	20.0	19.6	J	ug/L		98	43 - 146
Chloroform	20.0	21.2		ug/L		106	80 - 120
Chloromethane	20.0	40.4	*	ug/L		202	56 - 131
cis-1,3-Dichloropropene	20.0	18.4		ug/L		92	77 - 120
Dibromochloromethane	20.0	17.9	J	ug/L		89	73 - 120
Dibromomethane	20.0	21.0		ug/L		105	79 - 120
1,2-Dibromo-3-Chloropropane	20.0	15.3		ug/L		77	55 - 134
1,2-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120
1,3-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120
1,4-Dichlorobenzene	20.0	20.3		ug/L		101	80 - 120
Dichlorodifluoromethane	20.0	24.6		ug/L		123	50 - 131
1,1-Dichloroethane	20.0	20.8		ug/L		104	77 - 123
1,2-Dichloroethane	20.0	18.7		ug/L		94	76 - 121
1,1-Dichloroethene	20.0	20.8		ug/L		104	74 - 123
1,2-Dichloroethene, Total	40.0	43.8		ug/L		110	80 - 120
1,2-Dichloropropane	20.0	20.9		ug/L		105	77 - 123
Ethylbenzene	20.0	20.4		ug/L		102	80 - 120

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Lab Sample ID: LCS 460-645366/4

Matrix: Water

Analysis Batch: 645366

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	100	108		ug/L		108	64 - 120
Methylene Chloride	20.0	21.1		ug/L		105	77 - 123
Methyl methacrylate	40.0	40.4	J	ug/L		101	71 - 124
m&p-Xylene	20.0	20.4		ug/L		102	80 - 120
o-Xylene	20.0	21.3		ug/L		106	80 - 120
Styrene	20.0	20.2		ug/L		101	80 - 120
1,1,1,2-Tetrachloroethane	20.0	18.8		ug/L		94	77 - 120
1,1,2,2-Tetrachloroethane	20.0	20.2		ug/L		101	74 - 120
Tetrachloroethene	20.0	21.3		ug/L		106	78 - 122
trans-1,2-Dichloroethene	20.0	21.8		ug/L		109	79 - 120
trans-1,3-Dichloropropene	20.0	18.1		ug/L		90	76 - 120
1,1,1-Trichloroethane	20.0	19.9		ug/L		100	75 - 125
1,1,2-Trichloroethane	20.0	21.5		ug/L		108	78 - 120
Trichloroethene	20.0	20.9		ug/L		104	77 - 120
1,2,3-Trichloropropane	20.0	20.3		ug/L		101	76 - 120
Toluene	20.0	20.8		ug/L		104	80 - 120
Vinyl acetate	40.0	37.6		ug/L		94	10 - 150
Vinyl chloride	20.0	24.9		ug/L		124	62 - 138
Xylenes, Total	40.0	41.7		ug/L		104	80 - 120
2-Hexanone	100	103		ug/L		103	71 - 125
cis-1,2-Dichloroethene	20.0	22.1		ug/L		110	80 - 120
1,2-Dibromoethane	20.0	21.8		ug/L		109	80 - 120
Ethyl methacrylate	20.0	19.0		ug/L		95	70 - 121
Iodomethane	20.0	13.3		ug/L		67	10 - 147
trans-1,4-Dichloro-2-butene	20.0	15.8		ug/L		79	61 - 122
Methacrylonitrile	200	208		ug/L		104	77 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		74 - 132
4-Bromofluorobenzene	98		77 - 124
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	100		72 - 131

Lab Sample ID: LCSD 460-645366/5

Matrix: Water

Analysis Batch: 645366

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	106		ug/L		106	39 - 150	1	30
Acetonitrile	200	222		ug/L		111	37 - 150	0	30
Benzene	20.0	20.4		ug/L		102	77 - 121	3	30
Benzyl chloride	20.0	10.6		ug/L		53	48 - 133	2	30
Bromodichloromethane	20.0	18.5	J	ug/L		93	76 - 120	2	30
Bromoform	20.0	17.4		ug/L		87	53 - 120	1	30
Bromomethane	20.0	24.6		ug/L		123	10 - 150	4	30
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	78 - 124	0	30
Carbon disulfide	20.0	17.8	J	ug/L		89	69 - 133	4	30
Carbon tetrachloride	20.0	17.7		ug/L		89	70 - 132	9	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Lab Sample ID: LCSD 460-645366/5

Matrix: Water

Analysis Batch: 645366

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	20.0	20.7		ug/L		103	80 - 120	2	30
Chloroethane	20.0	25.2		ug/L		126	52 - 150	4	30
2-Chloroethyl vinyl ether	20.0	20.2		ug/L		101	43 - 146	3	30
Chloroform	20.0	20.2		ug/L		101	80 - 120	5	30
Chloromethane	20.0	16.5	*	ug/L		82	56 - 131	84	30
cis-1,3-Dichloropropene	20.0	17.9		ug/L		90	77 - 120	2	30
Dibromochloromethane	20.0	17.4	J	ug/L		87	73 - 120	3	30
Dibromomethane	20.0	21.2		ug/L		106	79 - 120	1	30
1,2-Dibromo-3-Chloropropane	20.0	15.6		ug/L		78	55 - 134	1	30
1,2-Dichlorobenzene	20.0	20.7		ug/L		104	80 - 120	2	30
1,3-Dichlorobenzene	20.0	20.9		ug/L		105	80 - 120	1	30
1,4-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 120	2	30
Dichlorodifluoromethane	20.0	23.7		ug/L		118	50 - 131	4	30
1,1-Dichloroethane	20.0	20.3		ug/L		101	77 - 123	3	30
1,2-Dichloroethane	20.0	18.7		ug/L		94	76 - 121	0	30
1,1-Dichloroethene	20.0	20.0		ug/L		100	74 - 123	4	30
1,2-Dichloroethene, Total	40.0	42.5		ug/L		106	80 - 120	3	30
1,2-Dichloropropane	20.0	20.6		ug/L		103	77 - 123	2	30
Ethylbenzene	20.0	20.0		ug/L		100	80 - 120	2	30
2-Butanone (MEK)	100	110		ug/L		110	64 - 120	1	30
Methylene Chloride	20.0	20.7		ug/L		103	77 - 123	2	30
Methyl methacrylate	40.0	40.2	J	ug/L		100	71 - 124	1	30
m&p-Xylene	20.0	20.3		ug/L		101	80 - 120	1	30
o-Xylene	20.0	20.4		ug/L		102	80 - 120	4	30
Styrene	20.0	20.2		ug/L		101	80 - 120	0	30
1,1,1,2-Tetrachloroethane	20.0	18.4		ug/L		92	77 - 120	2	30
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/L		101	74 - 120	1	30
Tetrachloroethene	20.0	20.7		ug/L		103	78 - 122	3	30
trans-1,2-Dichloroethene	20.0	21.1		ug/L		105	79 - 120	3	30
trans-1,3-Dichloropropene	20.0	18.0		ug/L		90	76 - 120	0	30
1,1,1-Trichloroethane	20.0	19.1		ug/L		96	75 - 125	4	30
1,1,2-Trichloroethane	20.0	21.4		ug/L		107	78 - 120	1	30
Trichloroethene	20.0	20.1		ug/L		101	77 - 120	4	30
1,2,3-Trichloropropane	20.0	20.7		ug/L		103	76 - 120	2	30
Toluene	20.0	20.4		ug/L		102	80 - 120	2	30
Vinyl acetate	40.0	37.5		ug/L		94	10 - 150	0	30
Vinyl chloride	20.0	24.1		ug/L		120	62 - 138	3	30
Xylenes, Total	40.0	40.7		ug/L		102	80 - 120	2	30
2-Hexanone	100	104		ug/L		104	71 - 125	1	30
cis-1,2-Dichloroethene	20.0	21.4		ug/L		107	80 - 120	3	30
1,2-Dibromoethane	20.0	21.6		ug/L		108	80 - 120	1	30
Ethyl methacrylate	20.0	19.3		ug/L		96	70 - 121	2	30
Iodomethane	20.0	12.3		ug/L		62	10 - 147	8	30
trans-1,4-Dichloro-2-butene	20.0	15.4		ug/L		77	61 - 122	3	30
Methacrylonitrile	200	206		ug/L		103	77 - 130	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		74 - 132

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Lab Sample ID: LCSD 460-645366/5

Matrix: Water

Analysis Batch: 645366

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	98		77 - 124
Toluene-d8 (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	100		72 - 131

Lab Sample ID: MB 460-645557/7

Matrix: Water

Analysis Batch: 645557

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/09/19 02:26	1
Acetonitrile	10	U	10	5.0	ug/L			10/09/19 02:26	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/19 02:26	1
Benzyl chloride	10	U	10	0.34	ug/L			10/09/19 02:26	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/09/19 02:26	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/09/19 02:26	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/09/19 02:26	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/09/19 02:26	1
Carbon disulfide	60	U	60	0.82	ug/L			10/09/19 02:26	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/09/19 02:26	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/09/19 02:26	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/09/19 02:26	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/09/19 02:26	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/09/19 02:26	1
Chloromethane	5.0	U	5.0	0.40	ug/L			10/09/19 02:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/19 02:26	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/09/19 02:26	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/09/19 02:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/09/19 02:26	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			10/09/19 02:26	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/09/19 02:26	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/09/19 02:26	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/09/19 02:26	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/09/19 02:26	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/19 02:26	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/09/19 02:26	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/09/19 02:26	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/19 02:26	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/09/19 02:26	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/09/19 02:26	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/09/19 02:26	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/09/19 02:26	1
m&p-Xylene	10	U	10	0.30	ug/L			10/09/19 02:26	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/09/19 02:26	1
Styrene	5.0	U	5.0	0.42	ug/L			10/09/19 02:26	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/09/19 02:26	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/09/19 02:26	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/09/19 02:26	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/09/19 02:26	1

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Lab Sample ID: MB 460-645557/7

Matrix: Water

Analysis Batch: 645557

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/09/19 02:26	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/09/19 02:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/09/19 02:26	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/09/19 02:26	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/09/19 02:26	1
Toluene	5.0	U	5.0	0.38	ug/L			10/09/19 02:26	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/09/19 02:26	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/09/19 02:26	1
Xylenes, Total	15	U	15	0.65	ug/L			10/09/19 02:26	1
2-Hexanone	50	U	50	1.1	ug/L			10/09/19 02:26	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/09/19 02:26	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/09/19 02:26	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/09/19 02:26	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/09/19 02:26	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/09/19 02:26	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			10/09/19 02:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		74 - 132		10/09/19 02:26	1
4-Bromofluorobenzene	94		77 - 124		10/09/19 02:26	1
Toluene-d8 (Surr)	102		80 - 120		10/09/19 02:26	1
Dibromofluoromethane (Surr)	97		72 - 131		10/09/19 02:26	1

Lab Sample ID: LCS 460-645557/3

Matrix: Water

Analysis Batch: 645557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	102		ug/L		102	39 - 150
Acetonitrile	200	191		ug/L		96	37 - 150
Benzene	20.0	22.3		ug/L		112	77 - 121
Benzyl chloride	20.0	10.2		ug/L		51	48 - 133
Bromodichloromethane	20.0	19.5	J	ug/L		97	76 - 120
Bromoform	20.0	17.3		ug/L		87	53 - 120
Bromomethane	20.0	26.0		ug/L		130	10 - 150
4-Methyl-2-pentanone (MIBK)	100	99.1		ug/L		99	78 - 124
Carbon disulfide	20.0	19.1	J	ug/L		96	69 - 133
Carbon tetrachloride	20.0	19.5		ug/L		98	70 - 132
Chlorobenzene	20.0	21.5		ug/L		107	80 - 120
Chloroethane	20.0	24.6		ug/L		123	52 - 150
2-Chloroethyl vinyl ether	20.0	18.9	J	ug/L		94	43 - 146
Chloroform	20.0	21.4		ug/L		107	80 - 120
Chloromethane	20.0	38.4	*	ug/L		192	56 - 131
cis-1,3-Dichloropropene	20.0	19.0		ug/L		95	77 - 120
Dibromochloromethane	20.0	18.1	J	ug/L		91	73 - 120
Dibromomethane	20.0	20.3		ug/L		101	79 - 120
1,2-Dibromo-3-Chloropropane	20.0	14.3		ug/L		71	55 - 134
1,2-Dichlorobenzene	20.0	21.2		ug/L		106	80 - 120

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Lab Sample ID: LCS 460-645557/3

Matrix: Water

Analysis Batch: 645557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	20.0	21.3		ug/L		107	80 - 120
1,4-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120
Dichlorodifluoromethane	20.0	21.3		ug/L		106	50 - 131
1,1-Dichloroethane	20.0	21.4		ug/L		107	77 - 123
1,2-Dichloroethane	20.0	18.5		ug/L		93	76 - 121
1,1-Dichloroethene	20.0	21.6		ug/L		108	74 - 123
1,2-Dichloroethene, Total	40.0	45.8		ug/L		114	80 - 120
1,2-Dichloropropane	20.0	21.9		ug/L		109	77 - 123
Ethylbenzene	20.0	20.8		ug/L		104	80 - 120
2-Butanone (MEK)	100	108		ug/L		108	64 - 120
Methylene Chloride	20.0	21.8		ug/L		109	77 - 123
Methyl methacrylate	40.0	38.6	J	ug/L		96	71 - 124
m&p-Xylene	20.0	20.6		ug/L		103	80 - 120
o-Xylene	20.0	20.8		ug/L		104	80 - 120
Styrene	20.0	20.5		ug/L		102	80 - 120
1,1,1,2-Tetrachloroethane	20.0	19.1		ug/L		96	77 - 120
1,1,2,2-Tetrachloroethane	20.0	19.7		ug/L		98	74 - 120
Tetrachloroethene	20.0	21.7		ug/L		108	78 - 122
trans-1,2-Dichloroethene	20.0	23.0		ug/L		115	79 - 120
trans-1,3-Dichloropropene	20.0	18.4		ug/L		92	76 - 120
1,1,1-Trichloroethane	20.0	20.7		ug/L		104	75 - 125
1,1,2-Trichloroethane	20.0	21.4		ug/L		107	78 - 120
Trichloroethene	20.0	21.9		ug/L		110	77 - 120
1,2,3-Trichloropropane	20.0	19.5		ug/L		98	76 - 120
Toluene	20.0	21.5		ug/L		107	80 - 120
Vinyl acetate	40.0	35.2		ug/L		88	10 - 150
Vinyl chloride	20.0	23.6		ug/L		118	62 - 138
Xylenes, Total	40.0	41.4		ug/L		104	80 - 120
2-Hexanone	100	98.9		ug/L		99	71 - 125
cis-1,2-Dichloroethene	20.0	22.8		ug/L		114	80 - 120
1,2-Dibromoethane	20.0	21.6		ug/L		108	80 - 120
Ethyl methacrylate	20.0	18.4		ug/L		92	70 - 121
Iodomethane	20.0	14.8		ug/L		74	10 - 147
trans-1,4-Dichloro-2-butene	20.0	14.4		ug/L		72	61 - 122
Methacrylonitrile	200	197		ug/L		99	77 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		74 - 132
4-Bromofluorobenzene	98		77 - 124
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	102		72 - 131

Lab Sample ID: LCSD 460-645557/4

Matrix: Water

Analysis Batch: 645557

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	91.9		ug/L		92	39 - 150	10	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Lab Sample ID: LCSD 460-645557/4

Matrix: Water

Analysis Batch: 645557

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetonitrile	200	168		ug/L		84	37 - 150	13	30
Benzene	20.0	20.2		ug/L		101	77 - 121	10	30
Benzyl chloride	20.0	10.8		ug/L		54	48 - 133	6	30
Bromodichloromethane	20.0	18.4	J	ug/L		92	76 - 120	6	30
Bromoform	20.0	16.7		ug/L		84	53 - 120	3	30
Bromomethane	20.0	22.4		ug/L		112	10 - 150	15	30
4-Methyl-2-pentanone (MIBK)	100	98.6		ug/L		99	78 - 124	1	30
Carbon disulfide	20.0	16.8	J	ug/L		84	69 - 133	13	30
Carbon tetrachloride	20.0	16.6		ug/L		83	70 - 132	16	30
Chlorobenzene	20.0	20.1		ug/L		101	80 - 120	7	30
Chloroethane	20.0	21.2		ug/L		106	52 - 150	15	30
2-Chloroethyl vinyl ether	20.0	20.1		ug/L		100	43 - 146	6	30
Chloroform	20.0	19.8		ug/L		99	80 - 120	8	30
Chloromethane	20.0	34.3	*	ug/L		172	56 - 131	11	30
cis-1,3-Dichloropropene	20.0	18.0		ug/L		90	77 - 120	5	30
Dibromochloromethane	20.0	17.8	J	ug/L		89	73 - 120	2	30
Dibromomethane	20.0	20.4		ug/L		102	79 - 120	0	30
1,2-Dibromo-3-Chloropropane	20.0	14.7		ug/L		73	55 - 134	3	30
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	3	30
1,3-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120	4	30
1,4-Dichlorobenzene	20.0	19.5		ug/L		98	80 - 120	5	30
Dichlorodifluoromethane	20.0	18.0		ug/L		90	50 - 131	16	30
1,1-Dichloroethane	20.0	19.7		ug/L		99	77 - 123	8	30
1,2-Dichloroethane	20.0	17.9		ug/L		90	76 - 121	3	30
1,1-Dichloroethene	20.0	18.8		ug/L		94	74 - 123	14	30
1,2-Dichloroethene, Total	40.0	41.0		ug/L		102	80 - 120	11	30
1,2-Dichloropropane	20.0	20.5		ug/L		103	77 - 123	6	30
Ethylbenzene	20.0	19.3		ug/L		96	80 - 120	8	30
2-Butanone (MEK)	100	102		ug/L		102	64 - 120	5	30
Methylene Chloride	20.0	20.5		ug/L		102	77 - 123	6	30
Methyl methacrylate	40.0	38.1	J	ug/L		95	71 - 124	1	30
m&p-Xylene	20.0	18.9		ug/L		95	80 - 120	8	30
o-Xylene	20.0	19.6		ug/L		98	80 - 120	6	30
Styrene	20.0	19.4		ug/L		97	80 - 120	6	30
1,1,1,2-Tetrachloroethane	20.0	18.3		ug/L		91	77 - 120	5	30
1,1,2,2-Tetrachloroethane	20.0	20.2		ug/L		101	74 - 120	2	30
Tetrachloroethene	20.0	19.3		ug/L		97	78 - 122	12	30
trans-1,2-Dichloroethene	20.0	20.2		ug/L		101	79 - 120	13	30
trans-1,3-Dichloropropene	20.0	17.7		ug/L		88	76 - 120	4	30
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	75 - 125	14	30
1,1,2-Trichloroethane	20.0	21.4		ug/L		107	78 - 120	0	30
Trichloroethene	20.0	19.2		ug/L		96	77 - 120	13	30
1,2,3-Trichloropropane	20.0	20.2		ug/L		101	76 - 120	4	30
Toluene	20.0	19.4		ug/L		97	80 - 120	10	30
Vinyl acetate	40.0	36.9		ug/L		92	10 - 150	4	30
Vinyl chloride	20.0	20.6		ug/L		103	62 - 138	14	30
Xylenes, Total	40.0	38.6		ug/L		96	80 - 120	7	30
2-Hexanone	100	99.4		ug/L		99	71 - 125	0	30
cis-1,2-Dichloroethene	20.0	20.8		ug/L		104	80 - 120	9	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Lab Sample ID: LCSD 460-645557/4

Matrix: Water

Analysis Batch: 645557

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	20.0	20.9		ug/L		104	80 - 120	4	30
Ethyl methacrylate	20.0	18.3		ug/L		91	70 - 121	1	30
Iodomethane	20.0	13.3		ug/L		66	10 - 147	11	30
trans-1,4-Dichloro-2-butene	20.0	14.8		ug/L		74	61 - 122	3	30
Methacrylonitrile	200	200		ug/L		100	77 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		74 - 132
4-Bromofluorobenzene	99		77 - 124
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	100		72 - 131

Lab Sample ID: MB 460-645726/8

Matrix: Water

Analysis Batch: 645726

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50 U		50	4.4	ug/L			10/09/19 15:49	1
Acetonitrile	10 U		10	5.0	ug/L			10/09/19 15:49	1
Benzene	1.0 U		1.0	0.20	ug/L			10/09/19 15:49	1
Benzyl chloride	10 U		10	0.34	ug/L			10/09/19 15:49	1
Bromodichloromethane	50 U		50	0.34	ug/L			10/09/19 15:49	1
Bromoform	5.0 U		5.0	0.54	ug/L			10/09/19 15:49	1
Bromomethane	5.0 U		5.0	0.55	ug/L			10/09/19 15:49	1
4-Methyl-2-pentanone (MIBK)	5.0 U		5.0	1.3	ug/L			10/09/19 15:49	1
Carbon disulfide	60 U		60	0.82	ug/L			10/09/19 15:49	1
Carbon tetrachloride	5.0 U		5.0	0.21	ug/L			10/09/19 15:49	1
Chlorobenzene	5.0 U		5.0	0.38	ug/L			10/09/19 15:49	1
Chloroethane	5.0 U		5.0	0.32	ug/L			10/09/19 15:49	1
2-Chloroethyl vinyl ether	20 U		20	0.43	ug/L			10/09/19 15:49	1
Chloroform	7.0 U		7.0	0.33	ug/L			10/09/19 15:49	1
Chloromethane	5.0 U		5.0	0.40	ug/L			10/09/19 15:49	1
cis-1,3-Dichloropropene	1.0 U		1.0	0.22	ug/L			10/09/19 15:49	1
Dibromochloromethane	50 U		50	0.28	ug/L			10/09/19 15:49	1
Dibromomethane	5.0 U		5.0	0.60	ug/L			10/09/19 15:49	1
1,2-Dibromo-3-Chloropropane	1.0 U		1.0	0.38	ug/L			10/09/19 15:49	1
1,2-Dichlorobenzene	3.0 U		3.0	0.43	ug/L			10/09/19 15:49	1
1,3-Dichlorobenzene	3.0 U		3.0	0.34	ug/L			10/09/19 15:49	1
1,4-Dichlorobenzene	3.0 U		3.0	0.33	ug/L			10/09/19 15:49	1
Dichlorodifluoromethane	5.0 U		5.0	0.31	ug/L			10/09/19 15:49	1
1,1-Dichloroethane	5.0 U		5.0	0.26	ug/L			10/09/19 15:49	1
1,2-Dichloroethane	1.0 U		1.0	0.43	ug/L			10/09/19 15:49	1
1,1-Dichloroethene	5.0 U		5.0	0.26	ug/L			10/09/19 15:49	1
1,2-Dichloroethene, Total	2.0 U		2.0	0.44	ug/L			10/09/19 15:49	1
1,2-Dichloropropane	1.0 U		1.0	0.35	ug/L			10/09/19 15:49	1
Ethylbenzene	5.0 U		5.0	0.30	ug/L			10/09/19 15:49	1
2-Butanone (MEK)	50 U		50	1.9	ug/L			10/09/19 15:49	1
Methylene Chloride	5.0 U		5.0	0.32	ug/L			10/09/19 15:49	1

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Lab Sample ID: MB 460-645726/8

Matrix: Water

Analysis Batch: 645726

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	50	U	50	0.97	ug/L			10/09/19 15:49	1
m&p-Xylene	10	U	10	0.30	ug/L			10/09/19 15:49	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/09/19 15:49	1
Styrene	5.0	U	5.0	0.42	ug/L			10/09/19 15:49	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/09/19 15:49	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/09/19 15:49	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/09/19 15:49	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/09/19 15:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/09/19 15:49	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/09/19 15:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/09/19 15:49	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/09/19 15:49	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/09/19 15:49	1
Toluene	5.0	U	5.0	0.38	ug/L			10/09/19 15:49	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/09/19 15:49	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/09/19 15:49	1
Xylenes, Total	15	U	15	0.65	ug/L			10/09/19 15:49	1
2-Hexanone	50	U	50	1.1	ug/L			10/09/19 15:49	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/09/19 15:49	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/09/19 15:49	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/09/19 15:49	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/09/19 15:49	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/09/19 15:49	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			10/09/19 15:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		74 - 132		10/09/19 15:49	1
4-Bromofluorobenzene	95		77 - 124		10/09/19 15:49	1
Toluene-d8 (Surr)	101		80 - 120		10/09/19 15:49	1
Dibromofluoromethane (Surr)	102		72 - 131		10/09/19 15:49	1

Lab Sample ID: LCS 460-645726/3

Matrix: Water

Analysis Batch: 645726

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	100		ug/L		100	39 - 150
Acetonitrile	200	183		ug/L		91	37 - 150
Benzene	20.0	22.2		ug/L		111	77 - 121
Benzyl chloride	20.0	11.2		ug/L		56	48 - 133
Bromodichloromethane	20.0	19.3	J	ug/L		96	76 - 120
Bromoform	20.0	17.6		ug/L		88	53 - 120
Bromomethane	20.0	24.5		ug/L		123	10 - 150
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	78 - 124
Carbon disulfide	20.0	19.0	J	ug/L		95	69 - 133
Carbon tetrachloride	20.0	19.0		ug/L		95	70 - 132
Chlorobenzene	20.0	21.5		ug/L		108	80 - 120
Chloroethane	20.0	23.3		ug/L		117	52 - 150

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Lab Sample ID: LCS 460-645726/3

Matrix: Water

Analysis Batch: 645726

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chloroethyl vinyl ether	20.0	20.1		ug/L		100	43 - 146
Chloroform	20.0	21.3		ug/L		107	80 - 120
Chloromethane	20.0	39.1	*	ug/L		195	56 - 131
cis-1,3-Dichloropropene	20.0	19.6		ug/L		98	77 - 120
Dibromochloromethane	20.0	18.9	J	ug/L		95	73 - 120
Dibromomethane	20.0	21.3		ug/L		107	79 - 120
1,2-Dibromo-3-Chloropropane	20.0	16.4		ug/L		82	55 - 134
1,2-Dichlorobenzene	20.0	21.6		ug/L		108	80 - 120
1,3-Dichlorobenzene	20.0	21.5		ug/L		108	80 - 120
1,4-Dichlorobenzene	20.0	20.7		ug/L		103	80 - 120
Dichlorodifluoromethane	20.0	24.2		ug/L		121	50 - 131
1,1-Dichloroethane	20.0	21.4		ug/L		107	77 - 123
1,2-Dichloroethane	20.0	18.7		ug/L		94	76 - 121
1,1-Dichloroethene	20.0	21.6		ug/L		108	74 - 123
1,2-Dichloroethene, Total	40.0	44.4		ug/L		111	80 - 120
1,2-Dichloropropane	20.0	21.4		ug/L		107	77 - 123
Ethylbenzene	20.0	20.9		ug/L		104	80 - 120
2-Butanone (MEK)	100	113		ug/L		113	64 - 120
Methylene Chloride	20.0	21.6		ug/L		108	77 - 123
Methyl methacrylate	40.0	40.1	J	ug/L		100	71 - 124
m&p-Xylene	20.0	20.7		ug/L		104	80 - 120
o-Xylene	20.0	21.2		ug/L		106	80 - 120
Styrene	20.0	20.5		ug/L		103	80 - 120
1,1,1,2-Tetrachloroethane	20.0	19.3		ug/L		97	77 - 120
1,1,2,2-Tetrachloroethane	20.0	20.6		ug/L		103	74 - 120
Tetrachloroethene	20.0	21.6		ug/L		108	78 - 122
trans-1,2-Dichloroethene	20.0	22.1		ug/L		110	79 - 120
trans-1,3-Dichloropropene	20.0	19.1		ug/L		95	76 - 120
1,1,1-Trichloroethane	20.0	20.5		ug/L		102	75 - 125
1,1,2-Trichloroethane	20.0	22.6		ug/L		113	78 - 120
Trichloroethene	20.0	21.9		ug/L		109	77 - 120
1,2,3-Trichloropropane	20.0	20.8		ug/L		104	76 - 120
Toluene	20.0	21.2		ug/L		106	80 - 120
Vinyl acetate	40.0	38.0		ug/L		95	10 - 150
Vinyl chloride	20.0	18.3		ug/L		91	62 - 138
Xylenes, Total	40.0	41.9		ug/L		105	80 - 120
2-Hexanone	100	106		ug/L		106	71 - 125
cis-1,2-Dichloroethene	20.0	22.3		ug/L		112	80 - 120
1,2-Dibromoethane	20.0	22.4		ug/L		112	80 - 120
Ethyl methacrylate	20.0	19.7		ug/L		99	70 - 121
Iodomethane	20.0	14.5		ug/L		72	10 - 147
trans-1,4-Dichloro-2-butene	20.0	16.0		ug/L		80	61 - 122
Methacrylonitrile	200	202		ug/L		101	77 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		74 - 132
4-Bromofluorobenzene	98		77 - 124
Toluene-d8 (Surr)	67	*	80 - 120

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Lab Sample ID: LCS 460-645726/3
Matrix: Water
Analysis Batch: 645726

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	100		72 - 131

Lab Sample ID: LCSD 460-645726/6
Matrix: Water
Analysis Batch: 645726

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	88.1		ug/L		88	39 - 150	13	30
Acetonitrile	200	287	*	ug/L		144	37 - 150	44	30
Benzene	20.0	24.9	*	ug/L		124	77 - 121	11	30
Benzyl chloride	20.0	10.7		ug/L		53	48 - 133	5	30
Bromodichloromethane	20.0	16.1	J	ug/L		80	76 - 120	18	30
Bromoform	20.0	15.6		ug/L		78	53 - 120	12	30
Bromomethane	20.0	20.7		ug/L		104	10 - 150	17	30
4-Methyl-2-pentanone (MIBK)	100	82.1		ug/L		82	78 - 124	23	30
Carbon disulfide	20.0	16.0	J	ug/L		80	69 - 133	17	30
Carbon tetrachloride	20.0	20.1		ug/L		101	70 - 132	6	30
Chlorobenzene	20.0	21.3		ug/L		107	80 - 120	1	30
Chloroethane	20.0	22.3		ug/L		111	52 - 150	4	30
2-Chloroethyl vinyl ether	20.0	16.9	J	ug/L		84	43 - 146	18	30
Chloroform	20.0	22.1		ug/L		111	80 - 120	4	30
Chloromethane	20.0	20.3	*	ug/L		101	56 - 131	63	30
cis-1,3-Dichloropropene	20.0	17.8		ug/L		89	77 - 120	9	30
Dibromochloromethane	20.0	16.9	J	ug/L		84	73 - 120	12	30
Dibromomethane	20.0	18.1		ug/L		90	79 - 120	16	30
1,2-Dibromo-3-Chloropropane	20.0	14.0		ug/L		70	55 - 134	15	30
1,2-Dichlorobenzene	20.0	20.7		ug/L		103	80 - 120	5	30
1,3-Dichlorobenzene	20.0	21.2		ug/L		106	80 - 120	2	30
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120	3	30
Dichlorodifluoromethane	20.0	21.4		ug/L		107	50 - 131	12	30
1,1-Dichloroethane	20.0	21.9		ug/L		109	77 - 123	2	30
1,2-Dichloroethane	20.0	19.4		ug/L		97	76 - 121	3	30
1,1-Dichloroethene	20.0	18.2		ug/L		91	74 - 123	17	30
1,2-Dichloroethene, Total	40.0	41.3		ug/L		103	80 - 120	7	30
1,2-Dichloropropane	20.0	18.5		ug/L		93	77 - 123	14	30
Ethylbenzene	20.0	20.7		ug/L		103	80 - 120	1	30
2-Butanone (MEK)	100	102		ug/L		102	64 - 120	11	30
Methylene Chloride	20.0	18.3		ug/L		91	77 - 123	17	30
Methyl methacrylate	40.0	33.8	J	ug/L		85	71 - 124	17	30
m&p-Xylene	20.0	20.7		ug/L		104	80 - 120	0	30
o-Xylene	20.0	20.7		ug/L		104	80 - 120	2	30
Styrene	20.0	20.2		ug/L		101	80 - 120	2	30
1,1,1,2-Tetrachloroethane	20.0	18.4		ug/L		92	77 - 120	5	30
1,1,2,2-Tetrachloroethane	20.0	19.1		ug/L		95	74 - 120	8	30
Tetrachloroethene	20.0	21.2		ug/L		106	78 - 122	2	30
trans-1,2-Dichloroethene	20.0	18.8		ug/L		94	79 - 120	16	30
trans-1,3-Dichloropropene	20.0	17.3		ug/L		87	76 - 120	10	30
1,1,1-Trichloroethane	20.0	20.9		ug/L		105	75 - 125	2	30

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

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

Lab Sample ID: LCSD 460-645726/6

Matrix: Water

Analysis Batch: 645726

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	20.0	20.9		ug/L		105	78 - 120	8	30
Trichloroethene	20.0	21.1		ug/L		106	77 - 120	3	30
1,2,3-Trichloropropane	20.0	19.7		ug/L		98	76 - 120	6	30
Toluene	20.0	20.9		ug/L		104	80 - 120	1	30
Vinyl acetate	40.0	40.9		ug/L		102	10 - 150	7	30
Vinyl chloride	20.0	20.2		ug/L		101	62 - 138	10	30
Xylenes, Total	40.0	41.5		ug/L		104	80 - 120	1	30
2-Hexanone	100	83.5		ug/L		84	71 - 125	24	30
cis-1,2-Dichloroethene	20.0	22.4		ug/L		112	80 - 120	0	30
1,2-Dibromoethane	20.0	20.7		ug/L		104	80 - 120	8	30
Ethyl methacrylate	20.0	16.3		ug/L		81	70 - 121	19	30
Iodomethane	20.0	11.2		ug/L		56	10 - 147	25	30
trans-1,4-Dichloro-2-butene	20.0	13.5		ug/L		67	61 - 122	17	30
Methacrylonitrile	200	210		ug/L		105	77 - 130	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		74 - 132
4-Bromofluorobenzene	99		77 - 124
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	105		72 - 131

Method: 8015D - Hydrocarbon Product Identification (GC)

Lab Sample ID: MB 460-643421/1-A

Matrix: Water

Analysis Batch: 643557

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 643421

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mineral Spirits	13	U	13	3.3	ug/L		09/30/19 19:32	10/01/19 13:54	1
Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
o-Terphenyl	88		42 - 120	09/30/19 19:32	10/01/19 13:54	1			

Lab Sample ID: LCS 460-643421/2-A

Matrix: Water

Analysis Batch: 643557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 643421

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mineral Spirits			1250	1500		ug/L	—	120	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits								
o-Terphenyl	95		42 - 120								

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Method: 8015D - Hydrocarbon Product Identification (GC) (Continued)

Lab Sample ID: LCSD 460-643421/3-A

Matrix: Water

Analysis Batch: 643557

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 643421

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mineral Spirits	1250	1550		ug/L		124	70 - 130	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o-Terphenyl	95		42 - 120

Definitions/Glossary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description

*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
*	Surrogate is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description

*	Surrogate is outside acceptance limits.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.

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

QC Association Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

GC/MS VOA

Analysis Batch: 645366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-192518-1	GT-1R	Total/NA	Water	8260C	
460-192518-2	GT-2R	Total/NA	Water	8260C	
460-192518-3	GT-3	Total/NA	Water	8260C	
460-192518-4	GT-4	Total/NA	Water	8260C	
MB 460-645366/8	Method Blank	Total/NA	Water	8260C	
LCS 460-645366/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-645366/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 645557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-192518-5	GT-5	Total/NA	Water	8260C	
460-192518-6	GW-DUP	Total/NA	Water	8260C	
MB 460-645557/7	Method Blank	Total/NA	Water	8260C	
LCS 460-645557/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-645557/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 645726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-192518-7	Trip Blank	Total/NA	Water	8260C	
MB 460-645726/8	Method Blank	Total/NA	Water	8260C	
LCS 460-645726/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-645726/6	Lab Control Sample Dup	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 643421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-192518-1	GT-1R	Total/NA	Water	3510C	
460-192518-2	GT-2R	Total/NA	Water	3510C	
460-192518-3	GT-3	Total/NA	Water	3510C	
460-192518-4	GT-4	Total/NA	Water	3510C	
460-192518-5	GT-5	Total/NA	Water	3510C	
460-192518-6	GW-DUP	Total/NA	Water	3510C	
MB 460-643421/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-643421/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-643421/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 643557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-192518-1	GT-1R	Total/NA	Water	8015D	643421
460-192518-2	GT-2R	Total/NA	Water	8015D	643421
460-192518-3	GT-3	Total/NA	Water	8015D	643421
460-192518-4	GT-4	Total/NA	Water	8015D	643421
460-192518-5	GT-5	Total/NA	Water	8015D	643421
460-192518-6	GW-DUP	Total/NA	Water	8015D	643421
MB 460-643421/1-A	Method Blank	Total/NA	Water	8015D	643421
LCS 460-643421/2-A	Lab Control Sample	Total/NA	Water	8015D	643421
LCSD 460-643421/3-A	Lab Control Sample Dup	Total/NA	Water	8015D	643421

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: GT-1R

Date Collected: 09/25/19 11:20

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	645366	10/08/19 19:34	SZD	TAL EDI
Total/NA	Prep	3510C			643421	09/30/19 19:32	JMS	TAL EDI
Total/NA	Analysis	8015D		1	643557	10/01/19 17:19	YXZ	TAL EDI

Client Sample ID: GT-2R

Date Collected: 09/25/19 11:00

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	645366	10/08/19 20:02	SZD	TAL EDI
Total/NA	Prep	3510C			643421	09/30/19 19:32	JMS	TAL EDI
Total/NA	Analysis	8015D		1	643557	10/01/19 17:30	YXZ	TAL EDI

Client Sample ID: GT-3

Date Collected: 09/25/19 10:30

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	645366	10/08/19 20:31	SZD	TAL EDI
Total/NA	Prep	3510C			643421	09/30/19 19:32	JMS	TAL EDI
Total/NA	Analysis	8015D		1	643557	10/01/19 17:42	YXZ	TAL EDI

Client Sample ID: GT-4

Date Collected: 09/25/19 10:00

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	645366	10/08/19 20:59	SZD	TAL EDI
Total/NA	Prep	3510C			643421	09/30/19 19:32	JMS	TAL EDI
Total/NA	Analysis	8015D		1	643557	10/01/19 17:53	YXZ	TAL EDI

Client Sample ID: GT-5

Date Collected: 09/25/19 11:40

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	645557	10/09/19 05:32	EMM	TAL EDI
Total/NA	Prep	3510C			643421	09/30/19 19:32	JMS	TAL EDI
Total/NA	Analysis	8015D		1	643557	10/01/19 18:27	YXZ	TAL EDI

Client Sample ID: GW-DUP

Date Collected: 09/25/19 09:00

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	645557	10/09/19 06:02	EMM	TAL EDI

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Client Sample ID: GW-DUP

Date Collected: 09/25/19 09:00

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			643421	09/30/19 19:32	JMS	TAL EDI
Total/NA	Analysis	8015D		1	643557	10/01/19 18:38	YXZ	TAL EDI

Client Sample ID: Trip Blank

Date Collected: 09/25/19 11:40

Date Received: 09/27/19 09:00

Lab Sample ID: 460-192518-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	645726	10/09/19 16:16	KLB	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-192518-1

Laboratory: Eurofins TestAmerica, Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D	3510C	Water	Mineral Spirits
8260C		Water	1,2-Dichloroethene, Total

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
GT-1R	460-192518-1	95	89	102	93
GT-2R	460-192518-2	94	88	101	95
GT-3	460-192518-3	95	88	102	93
GT-4	460-192518-4	95	90	101	93
GT-5	460-192518-5	96	91	102	95
GW-DUP	460-192518-6	97	89	100	93
Trip Blank	460-192518-7	101	94	99	94
	MB 460-645366/8	93	86	101	93
	MB 460-645557/7	97	89	102	94
	MB 460-645726/8	102	92	101	95
	LCS 460-645366/4	100	95	101	98
	LCS 460-645557/3	102	94	101	98
	LCS 460-645726/3	100	94	67 *	98
	LCSD 460-645366/5	100	94	102	98
	LCSD 460-645557/4	100	94	100	99
	LCSD 460-645726/6	105	99	101	99

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

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P66991.D
 Lab ID: LCS 460-645366/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	100	104	104	39-150	
Acetonitrile	200	221	111	37-150	
Benzene	20.0	21.1	106	77-121	
Benzyl chloride	20.0	10.4	52	48-133	
Bromodichloromethane	20.0	18.8 J	94	76-120	
Bromoform	20.0	17.5	88	53-120	
Bromomethane	20.0	25.6	128	10-150	
4-Methyl-2-pentanone (MIBK)	100	104	104	78-124	
Carbon disulfide	20.0	18.5 J	92	69-133	
Carbon tetrachloride	20.0	19.3	97	70-132	
Chlorobenzene	20.0	21.1	105	80-120	
Chloroethane	20.0	26.3	131	52-150	
2-Chloroethyl vinyl ether	20.0	19.6 J	98	43-146	
Chloroform	20.0	21.2	106	80-120	
Chloromethane	20.0	40.4	202	56-131	*
cis-1,3-Dichloropropene	20.0	18.4	92	77-120	
Dibromochloromethane	20.0	17.9 J	89	73-120	
Dibromomethane	20.0	21.0	105	79-120	
1,2-Dibromo-3-Chloropropane	20.0	15.3	77	55-134	
1,2-Dichlorobenzene	20.0	21.0	105	80-120	
1,3-Dichlorobenzene	20.0	20.8	104	80-120	
1,4-Dichlorobenzene	20.0	20.3	101	80-120	
Dichlorodifluoromethane	20.0	24.6	123	50-131	
1,1-Dichloroethane	20.0	20.8	104	77-123	
1,2-Dichloroethane	20.0	18.7	94	76-121	
1,1-Dichloroethene	20.0	20.8	104	74-123	
1,2-Dichloroethene, Total	40.0	43.8	110	80-120	
1,2-Dichloropropane	20.0	20.9	105	77-123	
Ethylbenzene	20.0	20.4	102	80-120	
2-Butanone (MEK)	100	108	108	64-120	
Methylene Chloride	20.0	21.1	105	77-123	
Methyl methacrylate	40.0	40.4 J	101	71-124	
m&p-Xylene	20.0	20.4	102	80-120	
o-Xylene	20.0	21.3	106	80-120	
Styrene	20.0	20.2	101	80-120	
1,1,1,2-Tetrachloroethane	20.0	18.8	94	77-120	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	74-120	
Tetrachloroethene	20.0	21.3	106	78-122	
trans-1,2-Dichloroethene	20.0	21.8	109	79-120	
trans-1,3-Dichloropropene	20.0	18.1	90	76-120	
1,1,1-Trichloroethane	20.0	19.9	100	75-125	
1,1,2-Trichloroethane	20.0	21.5	108	78-120	

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.: 460-192518-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P66991.D
 Lab ID: LCS 460-645366/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Trichloroethene	20.0	20.9	104	77-120	
1,2,3-Trichloropropane	20.0	20.3	101	76-120	
Toluene	20.0	20.8	104	80-120	
Vinyl acetate	40.0	37.6	94	10-150	
Vinyl chloride	20.0	24.9	124	62-138	
Xylenes, Total	40.0	41.7	104	80-120	
2-Hexanone	100	103	103	71-125	
cis-1,2-Dichloroethene	20.0	22.1	110	80-120	
1,2-Dibromoethane	20.0	21.8	109	80-120	
Ethyl methacrylate	20.0	19.0	95	70-121	
Iodomethane	20.0	13.3	67	10-147	
trans-1,4-Dichloro-2-butene	20.0	15.8	79	61-122	
Methacrylonitrile	200	208	104	77-130	

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.: 460-192518-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P67019.D
 Lab ID: LCS 460-645557/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	100	102	102	39-150	
Acetonitrile	200	191	96	37-150	
Benzene	20.0	22.3	112	77-121	
Benzyl chloride	20.0	10.2	51	48-133	
Bromodichloromethane	20.0	19.5 J	97	76-120	
Bromoform	20.0	17.3	87	53-120	
Bromomethane	20.0	26.0	130	10-150	
4-Methyl-2-pentanone (MIBK)	100	99.1	99	78-124	
Carbon disulfide	20.0	19.1 J	96	69-133	
Carbon tetrachloride	20.0	19.5	98	70-132	
Chlorobenzene	20.0	21.5	107	80-120	
Chloroethane	20.0	24.6	123	52-150	
2-Chloroethyl vinyl ether	20.0	18.9 J	94	43-146	
Chloroform	20.0	21.4	107	80-120	
Chloromethane	20.0	38.4	192	56-131	*
cis-1,3-Dichloropropene	20.0	19.0	95	77-120	
Dibromochloromethane	20.0	18.1 J	91	73-120	
Dibromomethane	20.0	20.3	101	79-120	
1,2-Dibromo-3-Chloropropane	20.0	14.3	71	55-134	
1,2-Dichlorobenzene	20.0	21.2	106	80-120	
1,3-Dichlorobenzene	20.0	21.3	107	80-120	
1,4-Dichlorobenzene	20.0	20.6	103	80-120	
Dichlorodifluoromethane	20.0	21.3	106	50-131	
1,1-Dichloroethane	20.0	21.4	107	77-123	
1,2-Dichloroethane	20.0	18.5	93	76-121	
1,1-Dichloroethene	20.0	21.6	108	74-123	
1,2-Dichloroethene, Total	40.0	45.8	114	80-120	
1,2-Dichloropropane	20.0	21.9	109	77-123	
Ethylbenzene	20.0	20.8	104	80-120	
2-Butanone (MEK)	100	108	108	64-120	
Methylene Chloride	20.0	21.8	109	77-123	
Methyl methacrylate	40.0	38.6 J	96	71-124	
m&p-Xylene	20.0	20.6	103	80-120	
o-Xylene	20.0	20.8	104	80-120	
Styrene	20.0	20.5	102	80-120	
1,1,1,2-Tetrachloroethane	20.0	19.1	96	77-120	
1,1,2,2-Tetrachloroethane	20.0	19.7	98	74-120	
Tetrachloroethene	20.0	21.7	108	78-122	
trans-1,2-Dichloroethene	20.0	23.0	115	79-120	
trans-1,3-Dichloropropene	20.0	18.4	92	76-120	
1,1,1-Trichloroethane	20.0	20.7	104	75-125	
1,1,2-Trichloroethane	20.0	21.4	107	78-120	

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.: 460-192518-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P67019.D
 Lab ID: LCS 460-645557/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Trichloroethene	20.0	21.9	110	77-120	
1,2,3-Trichloropropane	20.0	19.5	98	76-120	
Toluene	20.0	21.5	107	80-120	
Vinyl acetate	40.0	35.2	88	10-150	
Vinyl chloride	20.0	23.6	118	62-138	
Xylenes, Total	40.0	41.4	104	80-120	
2-Hexanone	100	98.9	99	71-125	
cis-1,2-Dichloroethene	20.0	22.8	114	80-120	
1,2-Dibromoethane	20.0	21.6	108	80-120	
Ethyl methacrylate	20.0	18.4	92	70-121	
Iodomethane	20.0	14.8	74	10-147	
trans-1,4-Dichloro-2-butene	20.0	14.4	72	61-122	
Methacrylonitrile	200	197	99	77-130	

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.: 460-192518-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: P67039.D

Lab ID: LCS 460-645726/3

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	100	100	100	39-150	
Acetonitrile	200	183	91	37-150	
Benzene	20.0	22.2	111	77-121	
Benzyl chloride	20.0	11.2	56	48-133	
Bromodichloromethane	20.0	19.3 J	96	76-120	
Bromoform	20.0	17.6	88	53-120	
Bromomethane	20.0	24.5	123	10-150	
4-Methyl-2-pentanone (MIBK)	100	104	104	78-124	
Carbon disulfide	20.0	19.0 J	95	69-133	
Carbon tetrachloride	20.0	19.0	95	70-132	
Chlorobenzene	20.0	21.5	108	80-120	
Chloroethane	20.0	23.3	117	52-150	
2-Chloroethyl vinyl ether	20.0	20.1	100	43-146	
Chloroform	20.0	21.3	107	80-120	
Chloromethane	20.0	39.1	195	56-131	*
cis-1,3-Dichloropropene	20.0	19.6	98	77-120	
Dibromochloromethane	20.0	18.9 J	95	73-120	
Dibromomethane	20.0	21.3	107	79-120	
1,2-Dibromo-3-Chloropropane	20.0	16.4	82	55-134	
1,2-Dichlorobenzene	20.0	21.6	108	80-120	
1,3-Dichlorobenzene	20.0	21.5	108	80-120	
1,4-Dichlorobenzene	20.0	20.7	103	80-120	
Dichlorodifluoromethane	20.0	24.2	121	50-131	
1,1-Dichloroethane	20.0	21.4	107	77-123	
1,2-Dichloroethane	20.0	18.7	94	76-121	
1,1-Dichloroethene	20.0	21.6	108	74-123	
1,2-Dichloroethene, Total	40.0	44.4	111	80-120	
1,2-Dichloropropane	20.0	21.4	107	77-123	
Ethylbenzene	20.0	20.9	104	80-120	
2-Butanone (MEK)	100	113	113	64-120	
Methylene Chloride	20.0	21.6	108	77-123	
Methyl methacrylate	40.0	40.1 J	100	71-124	
m&p-Xylene	20.0	20.7	104	80-120	
o-Xylene	20.0	21.2	106	80-120	
Styrene	20.0	20.5	103	80-120	
1,1,1,2-Tetrachloroethane	20.0	19.3	97	77-120	
1,1,2,2-Tetrachloroethane	20.0	20.6	103	74-120	
Tetrachloroethene	20.0	21.6	108	78-122	
trans-1,2-Dichloroethene	20.0	22.1	110	79-120	
trans-1,3-Dichloropropene	20.0	19.1	95	76-120	
1,1,1-Trichloroethane	20.0	20.5	102	75-125	
1,1,2-Trichloroethane	20.0	22.6	113	78-120	

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.: 460-192518-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P67039.D
 Lab ID: LCS 460-645726/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Trichloroethene	20.0	21.9	109	77-120	
1,2,3-Trichloropropane	20.0	20.8	104	76-120	
Toluene	20.0	21.2	106	80-120	
Vinyl acetate	40.0	38.0	95	10-150	
Vinyl chloride	20.0	18.3	91	62-138	
Xylenes, Total	40.0	41.9	105	80-120	
2-Hexanone	100	106	106	71-125	
cis-1,2-Dichloroethene	20.0	22.3	112	80-120	
1,2-Dibromoethane	20.0	22.4	112	80-120	
Ethyl methacrylate	20.0	19.7	99	70-121	
Iodomethane	20.0	14.5	72	10-147	
trans-1,4-Dichloro-2-butene	20.0	16.0	80	61-122	
Methacrylonitrile	200	202	101	77-130	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-192518-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: P66992.D

Lab ID: LCSD 460-645366/5

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Acetone	100	106	106	1	30	39-150	
Acetonitrile	200	222	111	0	30	37-150	
Benzene	20.0	20.4	102	3	30	77-121	
Benzyl chloride	20.0	10.6	53	2	30	48-133	
Bromodichloromethane	20.0	18.5 J	93	2	30	76-120	
Bromoform	20.0	17.4	87	1	30	53-120	
Bromomethane	20.0	24.6	123	4	30	10-150	
4-Methyl-2-pentanone (MIBK)	100	105	105	0	30	78-124	
Carbon disulfide	20.0	17.8 J	89	4	30	69-133	
Carbon tetrachloride	20.0	17.7	89	9	30	70-132	
Chlorobenzene	20.0	20.7	103	2	30	80-120	
Chloroethane	20.0	25.2	126	4	30	52-150	
2-Chloroethyl vinyl ether	20.0	20.2	101	3	30	43-146	
Chloroform	20.0	20.2	101	5	30	80-120	
Chloromethane	20.0	16.5	82	84	30	56-131	*
cis-1,3-Dichloropropene	20.0	17.9	90	2	30	77-120	
Dibromochloromethane	20.0	17.4 J	87	3	30	73-120	
Dibromomethane	20.0	21.2	106	1	30	79-120	
1,2-Dibromo-3-Chloropropane	20.0	15.6	78	1	30	55-134	
1,2-Dichlorobenzene	20.0	20.7	104	2	30	80-120	
1,3-Dichlorobenzene	20.0	20.9	105	1	30	80-120	
1,4-Dichlorobenzene	20.0	19.8	99	2	30	80-120	
Dichlorodifluoromethane	20.0	23.7	118	4	30	50-131	
1,1-Dichloroethane	20.0	20.3	101	3	30	77-123	
1,2-Dichloroethane	20.0	18.7	94	0	30	76-121	
1,1-Dichloroethene	20.0	20.0	100	4	30	74-123	
1,2-Dichloroethene, Total	40.0	42.5	106	3	30	80-120	
1,2-Dichloropropane	20.0	20.6	103	2	30	77-123	
Ethylbenzene	20.0	20.0	100	2	30	80-120	
2-Butanone (MEK)	100	110	110	1	30	64-120	
Methylene Chloride	20.0	20.7	103	2	30	77-123	
Methyl methacrylate	40.0	40.2 J	100	1	30	71-124	
m&p-Xylene	20.0	20.3	101	1	30	80-120	
o-Xylene	20.0	20.4	102	4	30	80-120	
Styrene	20.0	20.2	101	0	30	80-120	
1,1,1,2-Tetrachloroethane	20.0	18.4	92	2	30	77-120	
1,1,2,2-Tetrachloroethane	20.0	20.3	101	1	30	74-120	
Tetrachloroethene	20.0	20.7	103	3	30	78-122	
trans-1,2-Dichloroethene	20.0	21.1	105	3	30	79-120	
trans-1,3-Dichloropropene	20.0	18.0	90	0	30	76-120	
1,1,1-Trichloroethane	20.0	19.1	96	4	30	75-125	
1,1,2-Trichloroethane	20.0	21.4	107	1	30	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P66992.D
 Lab ID: LCSD 460-645366/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Trichloroethene	20.0	20.1	101	4	30	77-120	
1,2,3-Trichloropropane	20.0	20.7	103	2	30	76-120	
Toluene	20.0	20.4	102	2	30	80-120	
Vinyl acetate	40.0	37.5	94	0	30	10-150	
Vinyl chloride	20.0	24.1	120	3	30	62-138	
Xylenes, Total	40.0	40.7	102	2	30	80-120	
2-Hexanone	100	104	104	1	30	71-125	
cis-1,2-Dichloroethene	20.0	21.4	107	3	30	80-120	
1,2-Dibromoethane	20.0	21.6	108	1	30	80-120	
Ethyl methacrylate	20.0	19.3	96	2	30	70-121	
Iodomethane	20.0	12.3	62	8	30	10-147	
trans-1,4-Dichloro-2-butene	20.0	15.4	77	3	30	61-122	
Methacrylonitrile	200	206	103	1	30	77-130	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-192518-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: P67020.D

Lab ID: LCSD 460-645557/4

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Acetone	100	91.9	92	10	30	39-150	
Acetonitrile	200	168	84	13	30	37-150	
Benzene	20.0	20.2	101	10	30	77-121	
Benzyl chloride	20.0	10.8	54	6	30	48-133	
Bromodichloromethane	20.0	18.4 J	92	6	30	76-120	
Bromoform	20.0	16.7	84	3	30	53-120	
Bromomethane	20.0	22.4	112	15	30	10-150	
4-Methyl-2-pentanone (MIBK)	100	98.6	99	1	30	78-124	
Carbon disulfide	20.0	16.8 J	84	13	30	69-133	
Carbon tetrachloride	20.0	16.6	83	16	30	70-132	
Chlorobenzene	20.0	20.1	101	7	30	80-120	
Chloroethane	20.0	21.2	106	15	30	52-150	
2-Chloroethyl vinyl ether	20.0	20.1	100	6	30	43-146	
Chloroform	20.0	19.8	99	8	30	80-120	
Chloromethane	20.0	34.3	172	11	30	56-131	*
cis-1,3-Dichloropropene	20.0	18.0	90	5	30	77-120	
Dibromochloromethane	20.0	17.8 J	89	2	30	73-120	
Dibromomethane	20.0	20.4	102	0	30	79-120	
1,2-Dibromo-3-Chloropropane	20.0	14.7	73	3	30	55-134	
1,2-Dichlorobenzene	20.0	20.6	103	3	30	80-120	
1,3-Dichlorobenzene	20.0	20.4	102	4	30	80-120	
1,4-Dichlorobenzene	20.0	19.5	98	5	30	80-120	
Dichlorodifluoromethane	20.0	18.0	90	16	30	50-131	
1,1-Dichloroethane	20.0	19.7	99	8	30	77-123	
1,2-Dichloroethane	20.0	17.9	90	3	30	76-121	
1,1-Dichloroethene	20.0	18.8	94	14	30	74-123	
1,2-Dichloroethene, Total	40.0	41.0	102	11	30	80-120	
1,2-Dichloropropane	20.0	20.5	103	6	30	77-123	
Ethylbenzene	20.0	19.3	96	8	30	80-120	
2-Butanone (MEK)	100	102	102	5	30	64-120	
Methylene Chloride	20.0	20.5	102	6	30	77-123	
Methyl methacrylate	40.0	38.1 J	95	1	30	71-124	
m&p-Xylene	20.0	18.9	95	8	30	80-120	
o-Xylene	20.0	19.6	98	6	30	80-120	
Styrene	20.0	19.4	97	6	30	80-120	
1,1,1,2-Tetrachloroethane	20.0	18.3	91	5	30	77-120	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	2	30	74-120	
Tetrachloroethene	20.0	19.3	97	12	30	78-122	
trans-1,2-Dichloroethene	20.0	20.2	101	13	30	79-120	
trans-1,3-Dichloropropene	20.0	17.7	88	4	30	76-120	
1,1,1-Trichloroethane	20.0	18.0	90	14	30	75-125	
1,1,2-Trichloroethane	20.0	21.4	107	0	30	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P67020.D
 Lab ID: LCSD 460-645557/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Trichloroethene	20.0	19.2	96	13	30	77-120	
1,2,3-Trichloropropane	20.0	20.2	101	4	30	76-120	
Toluene	20.0	19.4	97	10	30	80-120	
Vinyl acetate	40.0	36.9	92	4	30	10-150	
Vinyl chloride	20.0	20.6	103	14	30	62-138	
Xylenes, Total	40.0	38.6	96	7	30	80-120	
2-Hexanone	100	99.4	99	0	30	71-125	
cis-1,2-Dichloroethene	20.0	20.8	104	9	30	80-120	
1,2-Dibromoethane	20.0	20.9	104	4	30	80-120	
Ethyl methacrylate	20.0	18.3	91	1	30	70-121	
Iodomethane	20.0	13.3	66	11	30	10-147	
trans-1,4-Dichloro-2-butene	20.0	14.8	74	3	30	61-122	
Methacrylonitrile	200	200	100	2	30	77-130	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-192518-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: P67042.D

Lab ID: LCSD 460-645726/6

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Acetone	100	88.1	88	13	30	39-150	
Acetonitrile	200	287	144	44	30	37-150	*
Benzene	20.0	24.9	124	11	30	77-121	*
Benzyl chloride	20.0	10.7	53	5	30	48-133	
Bromodichloromethane	20.0	16.1 J	80	18	30	76-120	
Bromoform	20.0	15.6	78	12	30	53-120	
Bromomethane	20.0	20.7	104	17	30	10-150	
4-Methyl-2-pentanone (MIBK)	100	82.1	82	23	30	78-124	
Carbon disulfide	20.0	16.0 J	80	17	30	69-133	
Carbon tetrachloride	20.0	20.1	101	6	30	70-132	
Chlorobenzene	20.0	21.3	107	1	30	80-120	
Chloroethane	20.0	22.3	111	4	30	52-150	
2-Chloroethyl vinyl ether	20.0	16.9 J	84	18	30	43-146	
Chloroform	20.0	22.1	111	4	30	80-120	
Chloromethane	20.0	20.3	101	63	30	56-131	*
cis-1,3-Dichloropropene	20.0	17.8	89	9	30	77-120	
Dibromochloromethane	20.0	16.9 J	84	12	30	73-120	
Dibromomethane	20.0	18.1	90	16	30	79-120	
1,2-Dibromo-3-Chloropropane	20.0	14.0	70	15	30	55-134	
1,2-Dichlorobenzene	20.0	20.7	103	5	30	80-120	
1,3-Dichlorobenzene	20.0	21.2	106	2	30	80-120	
1,4-Dichlorobenzene	20.0	20.0	100	3	30	80-120	
Dichlorodifluoromethane	20.0	21.4	107	12	30	50-131	
1,1-Dichloroethane	20.0	21.9	109	2	30	77-123	
1,2-Dichloroethane	20.0	19.4	97	3	30	76-121	
1,1-Dichloroethene	20.0	18.2	91	17	30	74-123	
1,2-Dichloroethene, Total	40.0	41.3	103	7	30	80-120	
1,2-Dichloropropane	20.0	18.5	93	14	30	77-123	
Ethylbenzene	20.0	20.7	103	1	30	80-120	
2-Butanone (MEK)	100	102	102	11	30	64-120	
Methylene Chloride	20.0	18.3	91	17	30	77-123	
Methyl methacrylate	40.0	33.8 J	85	17	30	71-124	
m&p-Xylene	20.0	20.7	104	0	30	80-120	
o-Xylene	20.0	20.7	104	2	30	80-120	
Styrene	20.0	20.2	101	2	30	80-120	
1,1,1,2-Tetrachloroethane	20.0	18.4	92	5	30	77-120	
1,1,2,2-Tetrachloroethane	20.0	19.1	95	8	30	74-120	
Tetrachloroethene	20.0	21.2	106	2	30	78-122	
trans-1,2-Dichloroethene	20.0	18.8	94	16	30	79-120	
trans-1,3-Dichloropropene	20.0	17.3	87	10	30	76-120	
1,1,1-Trichloroethane	20.0	20.9	105	2	30	75-125	
1,1,2-Trichloroethane	20.0	20.9	105	8	30	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P67042.D
 Lab ID: LCSD 460-645726/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Trichloroethene	20.0	21.1	106	3	30	77-120	
1,2,3-Trichloropropane	20.0	19.7	98	6	30	76-120	
Toluene	20.0	20.9	104	1	30	80-120	
Vinyl acetate	40.0	40.9	102	7	30	10-150	
Vinyl chloride	20.0	20.2	101	10	30	62-138	
Xylenes, Total	40.0	41.5	104	1	30	80-120	
2-Hexanone	100	83.5	84	24	30	71-125	
cis-1,2-Dichloroethene	20.0	22.4	112	0	30	80-120	
1,2-Dibromoethane	20.0	20.7	104	8	30	80-120	
Ethyl methacrylate	20.0	16.3	81	19	30	70-121	
Iodomethane	20.0	11.2	56	25	30	10-147	
trans-1,4-Dichloro-2-butene	20.0	13.5	67	17	30	61-122	
Methacrylonitrile	200	210	105	4	30	77-130	

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.: 460-192518-1
SDG No.: _____
Lab File ID: P66995.D Lab Sample ID: MB 460-645366/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS13 Date Analyzed: 10/08/2019 12:29
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-645366/4	P66991.D	10/08/2019 10:35
	LCSD 460-645366/5	P66992.D	10/08/2019 11:03
GT-1R	460-192518-1	P67010.D	10/08/2019 19:34
GT-2R	460-192518-2	P67011.D	10/08/2019 20:02
GT-3	460-192518-3	P67012.D	10/08/2019 20:31
GT-4	460-192518-4	P67013.D	10/08/2019 20:59

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Lab File ID: P67023.D Lab Sample ID: MB 460-645557/7
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS13 Date Analyzed: 10/09/2019 02:26
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-645557/3	P67019.D	10/08/2019 23:41
	LCSD 460-645557/4	P67020.D	10/09/2019 00:13
GT-5	460-192518-5	P67028.D	10/09/2019 05:32
GW-DUP	460-192518-6	P67029.D	10/09/2019 06:02

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Lab File ID: P67044.D Lab Sample ID: MB 460-645726/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS13 Date Analyzed: 10/09/2019 15:49
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-645726/3	P67039.D	10/09/2019 12:26
	LCSD 460-645726/6	P67042.D	10/09/2019 14:35
Trip Blank	460-192518-7	P67045.D	10/09/2019 16:16

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Lab File ID: P66297.D BFB Injection Date: 09/25/2019
Instrument ID: CVOAMS13 BFB Injection Time: 11:24
Analysis Batch No.: 641851

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.0
75	30.0 - 60.0 % of mass 95	50.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.1
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	96.1
175	5.0 - 9.0 % of mass 174	7.3 (7.6) 1
176	95.0 - 101.0 % of mass 174	91.7 (95.4) 1
177	5.0 - 9.0 % of mass 176	6.9 (7.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-641851/2	P66298.D	09/25/2019	11:47
	STD05 460-641851/3	P66299.D	09/25/2019	12:12
	STD1 460-641851/4	P66300.D	09/25/2019	12:37
	STD5 460-641851/5	P66301.D	09/25/2019	13:02
	STD20 460-641851/6	P66302.D	09/25/2019	13:27
	STD50 460-641851/7	P66303.D	09/25/2019	13:52
	STD200 460-641851/8	P66304.D	09/25/2019	14:17
	STD500 460-641851/9	P66305.D	09/25/2019	14:42

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Lab File ID: P66988.D BFB Injection Date: 10/08/2019
Instrument ID: CVOAMS13 BFB Injection Time: 09:16
Analysis Batch No.: 645366

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.2
75	30.0 - 60.0 % of mass 95	49.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.2
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	90.7
175	5.0 - 9.0 % of mass 174	7.5 (8.3) 1
176	95.0 - 101.0 % of mass 174	91.4 (100.8) 1
177	5.0 - 9.0 % of mass 176	6.1 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-645366/3	P66990.D	10/08/2019	10:07
	LCS 460-645366/4	P66991.D	10/08/2019	10:35
	LCSD 460-645366/5	P66992.D	10/08/2019	11:03
	MB 460-645366/8	P66995.D	10/08/2019	12:29
GT-1R	460-192518-1	P67010.D	10/08/2019	19:34
GT-2R	460-192518-2	P67011.D	10/08/2019	20:02
GT-3	460-192518-3	P67012.D	10/08/2019	20:31
GT-4	460-192518-4	P67013.D	10/08/2019	20:59

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Lab File ID: P67017.D BFB Injection Date: 10/08/2019
 Instrument ID: CVOAMS13 BFB Injection Time: 22:41
 Analysis Batch No.: 645557

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.2
75	30.0 - 60.0 % of mass 95	48.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.7
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	97.1
175	5.0 - 9.0 % of mass 174	8.1 (8.4) 1
176	95.0 - 101.0 % of mass 174	94.1 (97.0) 1
177	5.0 - 9.0 % of mass 176	5.4 (5.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-645557/2	P67018.D	10/08/2019	23:06
	LCS 460-645557/3	P67019.D	10/08/2019	23:41
	LCSD 460-645557/4	P67020.D	10/09/2019	00:13
	MB 460-645557/7	P67023.D	10/09/2019	02:26
GT-5	460-192518-5	P67028.D	10/09/2019	05:32
GW-DUP	460-192518-6	P67029.D	10/09/2019	06:02

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Lab File ID: P67037.D BFB Injection Date: 10/09/2019
 Instrument ID: CVOAMS13 BFB Injection Time: 11:17
 Analysis Batch No.: 645726

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.0
75	30.0 - 60.0 % of mass 95	44.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	8.1
173	Less than 2.0 % of mass 174	1.1 (1.1) 1
174	50.0 - 120.00 % of mass 95	99.1
175	5.0 - 9.0 % of mass 174	7.6 (7.6) 1
176	95.0 - 101.0 % of mass 174	97.4 (98.3) 1
177	5.0 - 9.0 % of mass 176	6.4 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-645726/2	P67038.D	10/09/2019	11:43
	LCS 460-645726/3	P67039.D	10/09/2019	12:26
	LCSD 460-645726/6	P67042.D	10/09/2019	14:35
	MB 460-645726/8	P67044.D	10/09/2019	15:49
Trip Blank	460-192518-7	P67045.D	10/09/2019	16:16

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Sample No.: CCVIS 460-645366/3 Date Analyzed: 10/08/2019 10:07
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P66990.D Heated Purge: (Y/N) N
 Calibration ID: 76822

	TBA _d 9		BUT		FB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	137453	1.95	125685	2.95	416022	3.52
UPPER LIMIT	274906	2.45	251370	3.45	832044	4.02
LOWER LIMIT	68727	1.45	62843	2.45	208011	3.02
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-645366/4		139313	1.95	124736	2.95	418838 3.52
LCSD 460-645366/5		142017	1.95	126878	2.95	420812 3.52
MB 460-645366/8		134039	1.95	121418	2.96	415054 3.53
460-192518-1	GT-1R	120173	1.96	112360	2.96	394152 3.54
460-192518-2	GT-2R	123331	1.96	110616	2.96	393733 3.53
460-192518-3	GT-3	117382	1.96	111636	2.96	399423 3.54
460-192518-4	GT-4	122112	1.96	110438	2.96	395323 3.54

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.: 460-192518-1
 SDG No.: _____
 Sample No.: CCVIS 460-645366/3 Date Analyzed: 10/08/2019 10:07
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P66990.D Heated Purge: (Y/N) N
 Calibration ID: 76822

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		15766	4.40	345705	6.90	200912	10.41
UPPER LIMIT		31532	4.90	691410	7.40	401824	10.91
LOWER LIMIT		7883	3.90	172853	6.40	100456	9.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-645366/4		16220	4.39	349825	6.90	202206	10.41
LCSD 460-645366/5		16205	4.40	350906	6.90	203879	10.42
MB 460-645366/8		15012	4.40	335228	6.90	183980	10.42
460-192518-1	GT-1R	13700	4.40	323466	6.90	178298	10.42
460-192518-2	GT-2R	14323	4.40	322538	6.90	180642	10.42
460-192518-3	GT-3	13484	4.40	322877	6.90	181089	10.42
460-192518-4	GT-4	14204	4.40	325686	6.90	179482	10.42

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.: 460-192518-1
 SDG No.: _____
 Sample No.: CCVIS 460-645557/2 Date Analyzed: 10/08/2019 23:06
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P67018.D Heated Purge: (Y/N) N
 Calibration ID: 76822

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		131177	1.96	126299	2.96	413433	3.54
UPPER LIMIT		262354	2.46	252598	3.46	826866	4.04
LOWER LIMIT		65589	1.46	63150	2.46	206717	3.04
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-645557/3		126767	1.96	126347	2.96	416293	3.54
LCSD 460-645557/4		133927	1.96	129386	2.96	418532	3.54
MB 460-645557/7		126848	1.96	116913	2.96	400168	3.53
460-192518-5	GT-5	105428	1.96	119336	2.96	392840	3.54
460-192518-6	GW-DUP	120999	1.96	117248	2.96	396568	3.54

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.: 460-192518-1
 SDG No.: _____
 Sample No.: CCVIS 460-645557/2 Date Analyzed: 10/08/2019 23:06
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P67018.D Heated Purge: (Y/N) N
 Calibration ID: 76822

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		16627	4.40	339793	6.90	194480	10.42
UPPER LIMIT		33254	4.90	679586	7.40	388960	10.92
LOWER LIMIT		8314	3.90	169897	6.40	97240	9.92
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-645557/3		17157	4.40	344517	6.91	198115	10.42
LCSD 460-645557/4		16607	4.40	348634	6.90	197184	10.42
MB 460-645557/7		14879	4.40	327867	6.90	184811	10.42
460-192518-5	GT-5	15784	4.40	322655	6.90	182098	10.42
460-192518-6	GW-DUP	13033	4.40	327038	6.90	180867	10.42

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.: 460-192518-1
 SDG No.: _____
 Sample No.: CCVIS 460-645726/2 Date Analyzed: 10/09/2019 11:43
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P67038.D Heated Purge: (Y/N) N
 Calibration ID: 76822

	TBA _d 9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	123992	1.96	124420	2.96	414509	3.54	
UPPER LIMIT	247984	2.46	248840	3.46	829018	4.04	
LOWER LIMIT	61996	1.46	62210	2.46	207255	3.04	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-645726/3		132050	1.96	126310	2.96	421201	3.54
LCSD 460-645726/6		126127	1.95	144085	2.96	459522	3.52
MB 460-645726/8		122205	1.95	138410	2.96	453197	3.52
460-192518-7	Trip Blank	124141	1.95	138020	2.96	451014	3.52

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.: 460-192518-1
 SDG No.: _____
 Sample No.: CCVIS 460-645726/2 Date Analyzed: 10/09/2019 11:43
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P67038.D Heated Purge: (Y/N) N
 Calibration ID: 76822

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	15755	4.40	343374	6.91	199848	10.42	
UPPER LIMIT	31510	4.90	686748	7.41	399696	10.92	
LOWER LIMIT	7878	3.90	171687	6.41	99924	9.92	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-645726/3		16470	4.40	346164	6.90	197587	10.42
LCSD 460-645726/6		14192	4.40	336468	6.90	194898	10.41
MB 460-645726/8		14476	4.40	324683	6.90	182152	10.42
460-192518-7	Trip Blank	13932	4.40	326588	6.90	180474	10.41

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-192518-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-1R</u>	Lab Sample ID: <u>460-192518-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>P67010.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2019 11:20</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2019 19:34</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>645366</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U *	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: GT-1R Lab Sample ID: 460-192518-1
 Matrix: Water Lab File ID: P67010.D
 Analysis Method: 8260C Date Collected: 09/25/2019 11:20
 Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2019 19:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645366 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	0.56	J	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		74-132
460-00-4	4-Bromofluorobenzene	93		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	95		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67010.D
 Lims ID: 460-192518-A-1
 Client ID: GT-1R
 Sample Type: Client
 Inject. Date: 08-Oct-2019 19:34:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-192518-A-1
 Misc. Info.: 460-0098932-023
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2019 19:41:40 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0309

First Level Reviewer: parekhv

Date: 08-Oct-2019 23:13:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 Acetone	43	1.809	1.795	0.014	89	883	2.59	
* 33 TBA-d9 (IS)	65	1.960	1.946	0.014	0	120173	1000.0	
\$ 51 Dibromofluoromethane (Surr	113	2.898	2.891	0.007	97	95903	47.7	
* 53 2-Butanone-d5	46	2.955	2.948	0.007	0	112360	250.0	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.278	0.007	0	87726	44.3	
* 66 Fluorobenzene	96	3.536	3.521	0.015	100	394152	50.0	
* 76 1,4-Dioxane-d8	96	4.402	4.395	0.007	0	13700	1000.0	
\$ 82 Toluene-d8 (Surr)	98	5.047	5.040	0.007	99	387465	50.8	
86 Tetrachloroethene	166	5.541	5.520	0.021	94	1281	0.5619	
* 96 Chlorobenzene-d5	117	6.902	6.895	0.007	83	323466	50.0	
\$ 107 4-Bromofluorobenzene	174	8.664	8.657	0.007	98	128650	46.4	
* 123 1,4-Dichlorobenzene-d4	152	10.419	10.412	0.007	93	178298	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00200 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67010.D

Injection Date: 08-Oct-2019 19:34:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-192518-A-1

Lab Sample ID: 460-192518-1

Worklist Smp#: 23

Client ID: GT-1R

Purge Vol: 5.000 mL

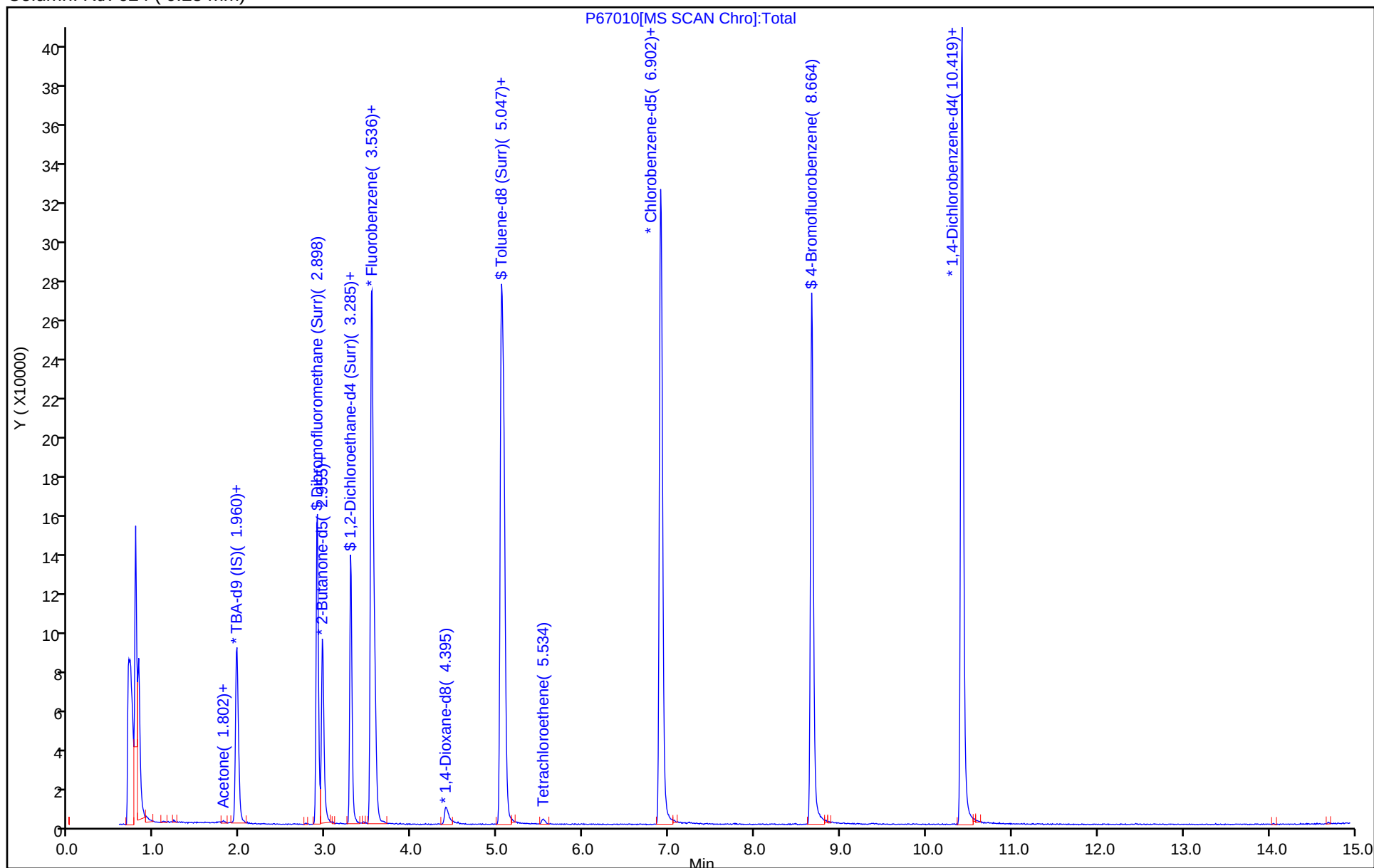
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67010.D

Injection Date: 08-Oct-2019 19:34:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-1

Lab Sample ID: 460-192518-1

Client ID: GT-1R

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

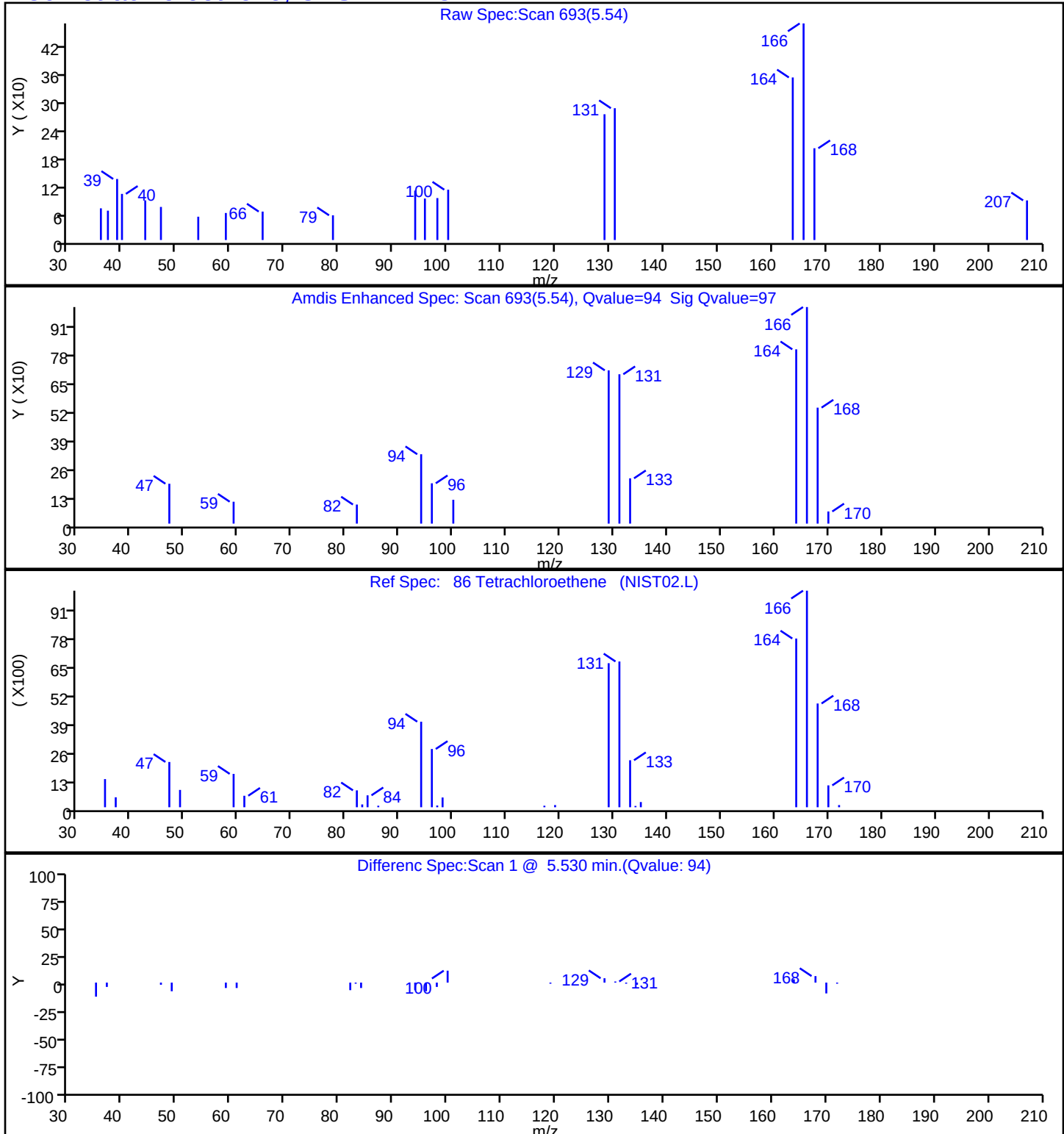
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-192518-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-2R</u>	Lab Sample ID: <u>460-192518-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>P67011.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2019 11:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2019 20:02</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>645366</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	9.3	J	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	6.4		5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U *	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.56	J	3.0	0.43
541-73-1	1,3-Dichlorobenzene	0.43	J	3.0	0.34
106-46-7	1,4-Dichlorobenzene	2.3	J	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-192518-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-2R</u>	Lab Sample ID: <u>460-192518-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>P67011.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2019 11:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2019 20:02</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>645366</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	94		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67011.D
 Lims ID: 460-192518-A-2
 Client ID: GT-2R
 Sample Type: Client
 Inject. Date: 08-Oct-2019 20:02:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-192518-A-2
 Misc. Info.: 460-0098932-024
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2019 23:14:14 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0309

First Level Reviewer: parekhv

Date: 08-Oct-2019 23:14:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 Acetone	43	1.802	1.795	0.007	86	3131	9.32	
* 33 TBA-d9 (IS)	65	1.960	1.946	0.014	0	123331	1000.0	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.891	0.000	97	94116	46.9	
* 53 2-Butanone-d5	46	2.955	2.948	0.007	0	110616	250.0	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.278	0.007	0	86833	43.9	
* 66 Fluorobenzene	96	3.528	3.521	0.007	100	393733	50.0	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	14323	1000.0	
\$ 82 Toluene-d8 (Surr)	98	5.047	5.040	0.007	99	385691	50.7	
* 96 Chlorobenzene-d5	117	6.902	6.895	0.007	83	322538	50.0	
97 Chlorobenzene	112	6.924	6.917	0.007	98	38047	6.43	
\$ 107 4-Bromofluorobenzene	174	8.664	8.657	0.007	97	130857	47.3	
121 1,3-Dichlorobenzene	146	10.305	10.276	0.029	96	1979	0.4306	
* 123 1,4-Dichlorobenzene-d4	152	10.419	10.412	0.007	93	180642	50.0	
124 1,4-Dichlorobenzene	146	10.441	10.434	0.007	95	11597	2.29	
130 1,2-Dichlorobenzene	146	11.121	11.100	0.021	69	2552	0.5553	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00200 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67011.D

Injection Date: 08-Oct-2019 20:02:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-192518-A-2

Lab Sample ID: 460-192518-2

Worklist Smp#: 24

Client ID: GT-2R

Purge Vol: 5.000 mL

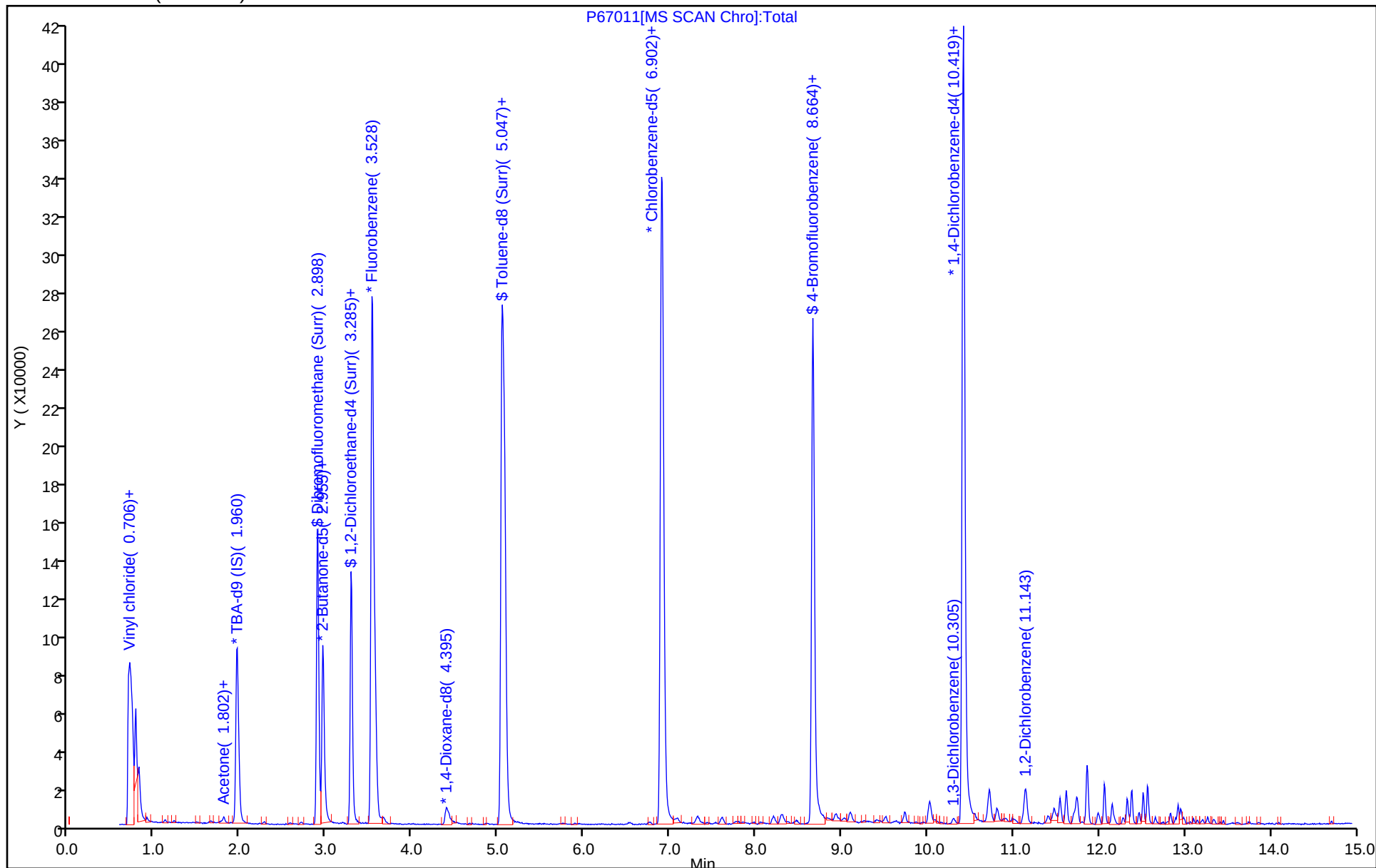
Dil. Factor: 1.0000

ALS Bottle#: 23

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67011.D

Injection Date: 08-Oct-2019 20:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-2

Lab Sample ID: 460-192518-2

Client ID: GT-2R

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 5.000 mL

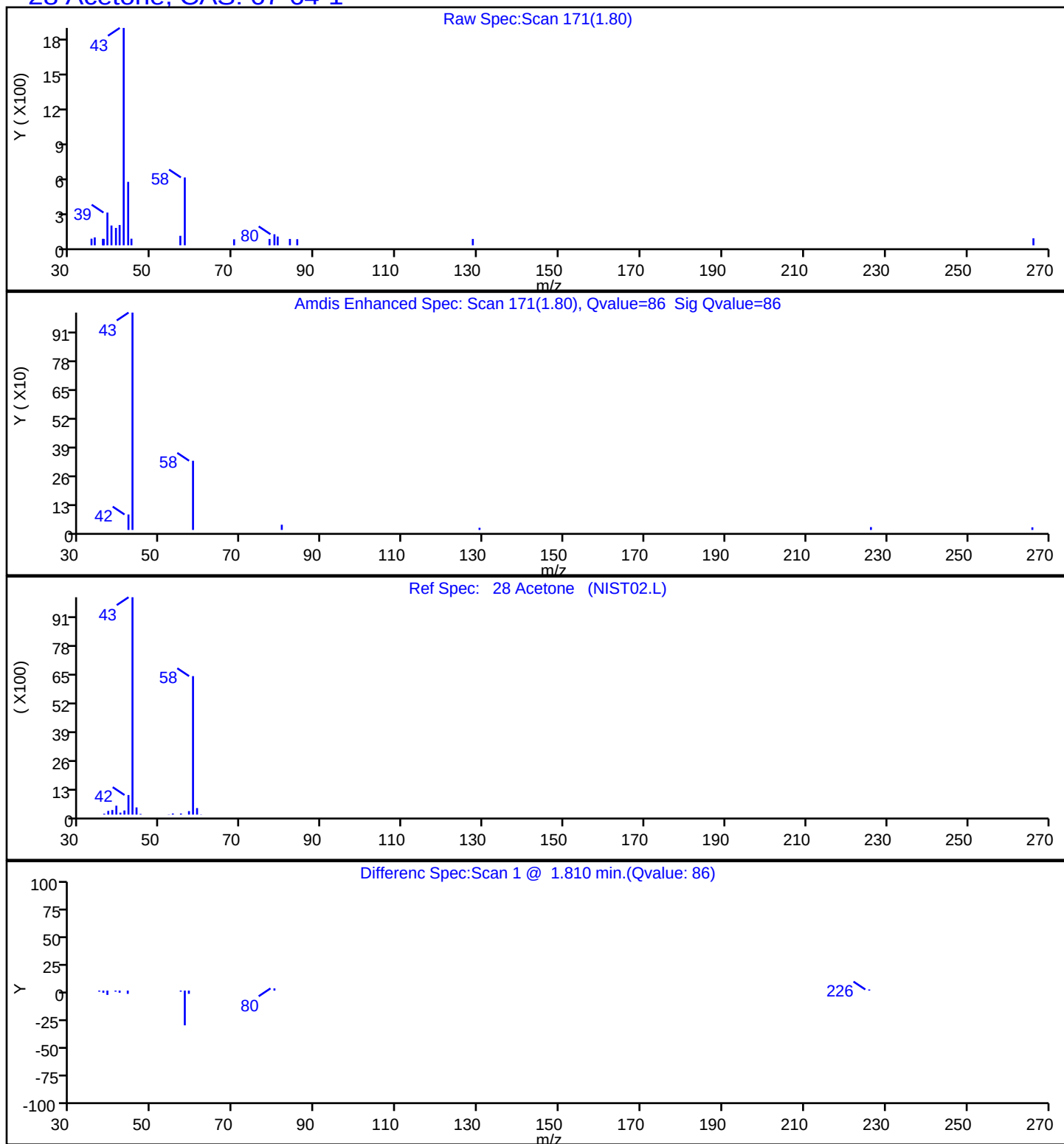
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

28 Acetone, CAS: 67-64-1

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67011.D

Injection Date: 08-Oct-2019 20:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-2

Lab Sample ID: 460-192518-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

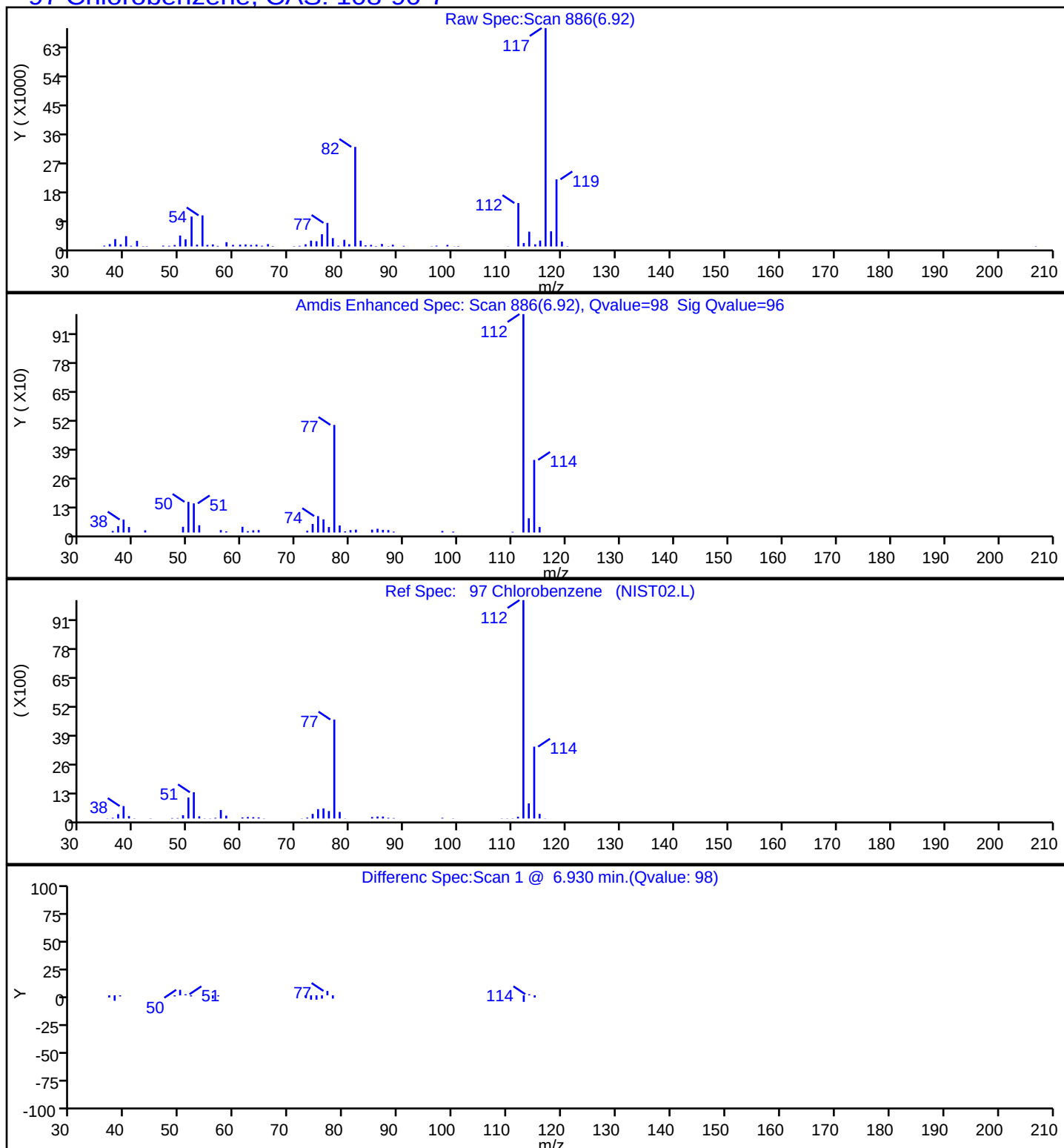
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

97 Chlorobenzene, CAS: 108-90-7

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67011.D

Injection Date: 08-Oct-2019 20:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-2

Lab Sample ID: 460-192518-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

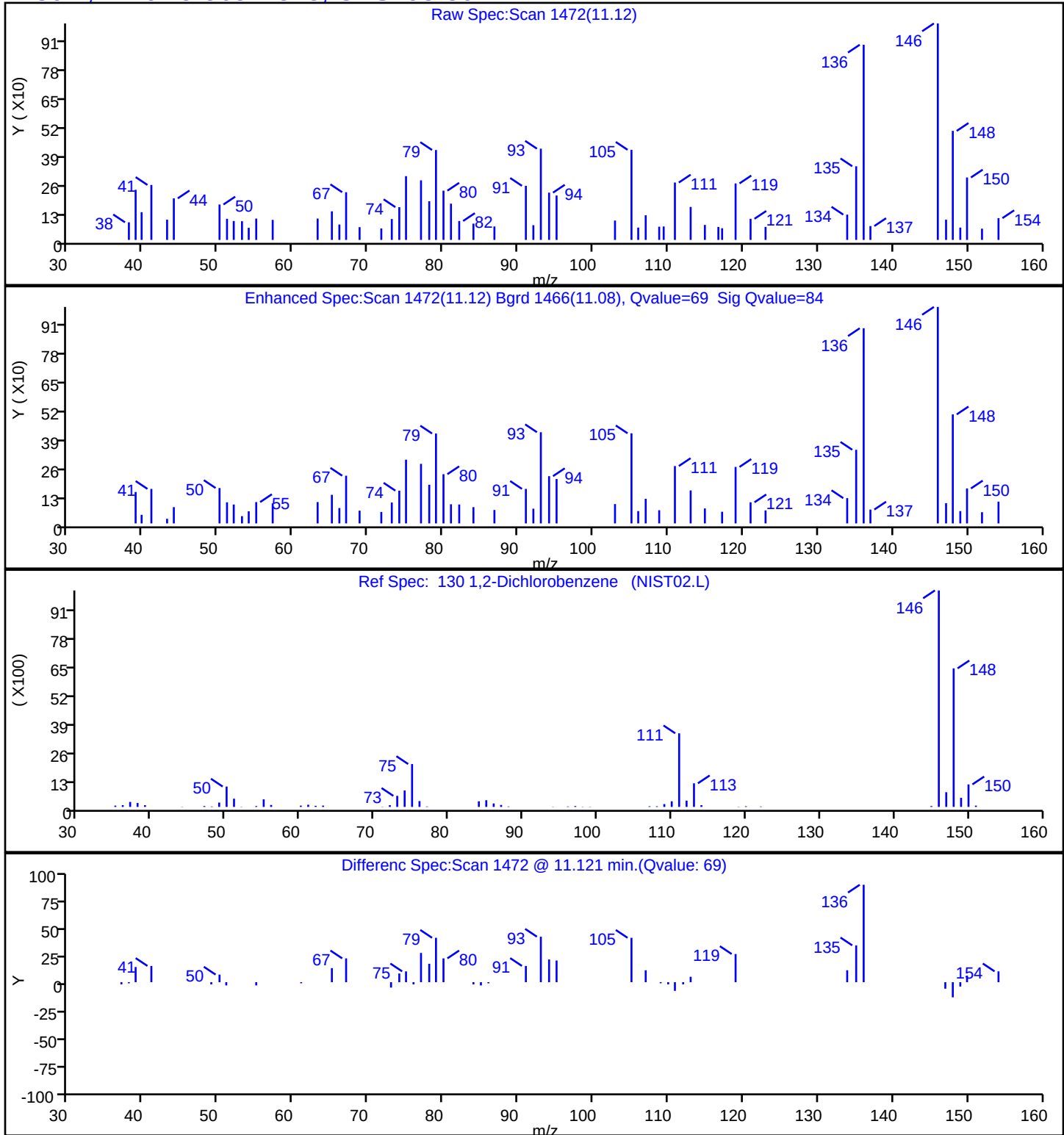
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

130 1,2-Dichlorobenzene, CAS: 95-50-1

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67011.D

Injection Date: 08-Oct-2019 20:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-2

Lab Sample ID: 460-192518-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

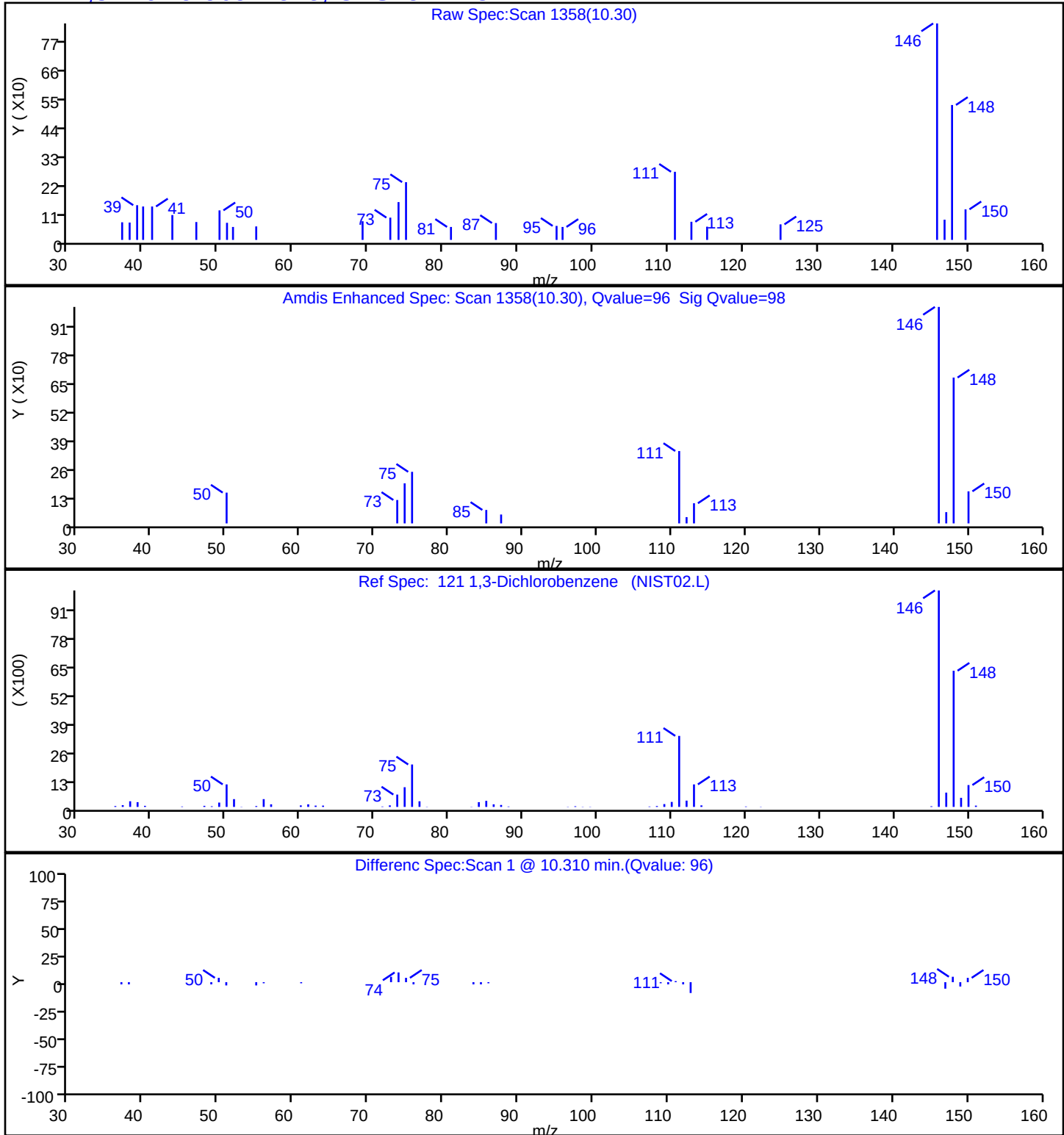
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

121 1,3-Dichlorobenzene, CAS: 541-73-1

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67011.D

Injection Date: 08-Oct-2019 20:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-2

Lab Sample ID: 460-192518-2

Client ID: GT-2R

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 5.000 mL

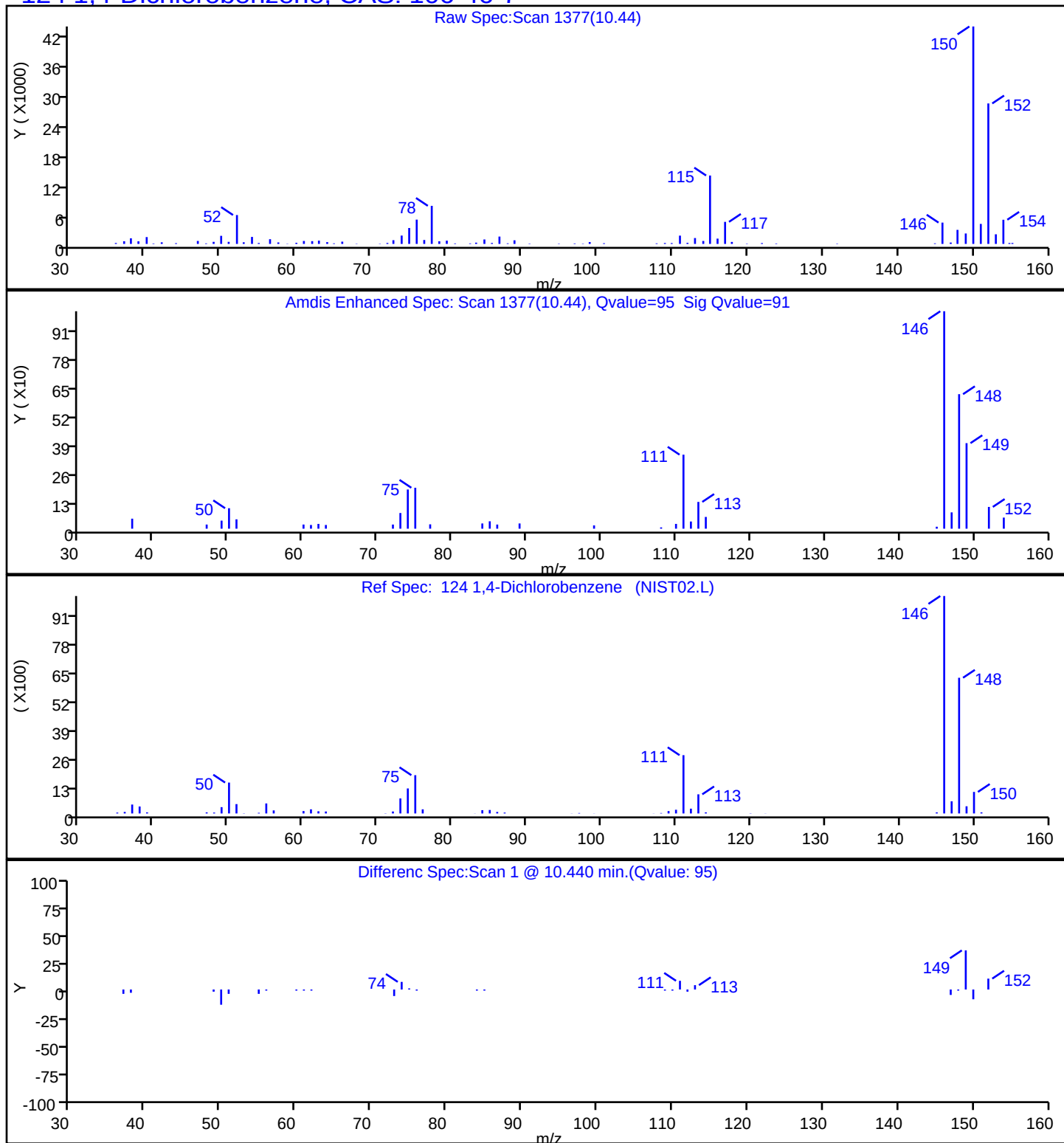
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

124 1,4-Dichlorobenzene, CAS: 106-46-7

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67011.D

Injection Date: 08-Oct-2019 20:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-2

Lab Sample ID: 460-192518-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

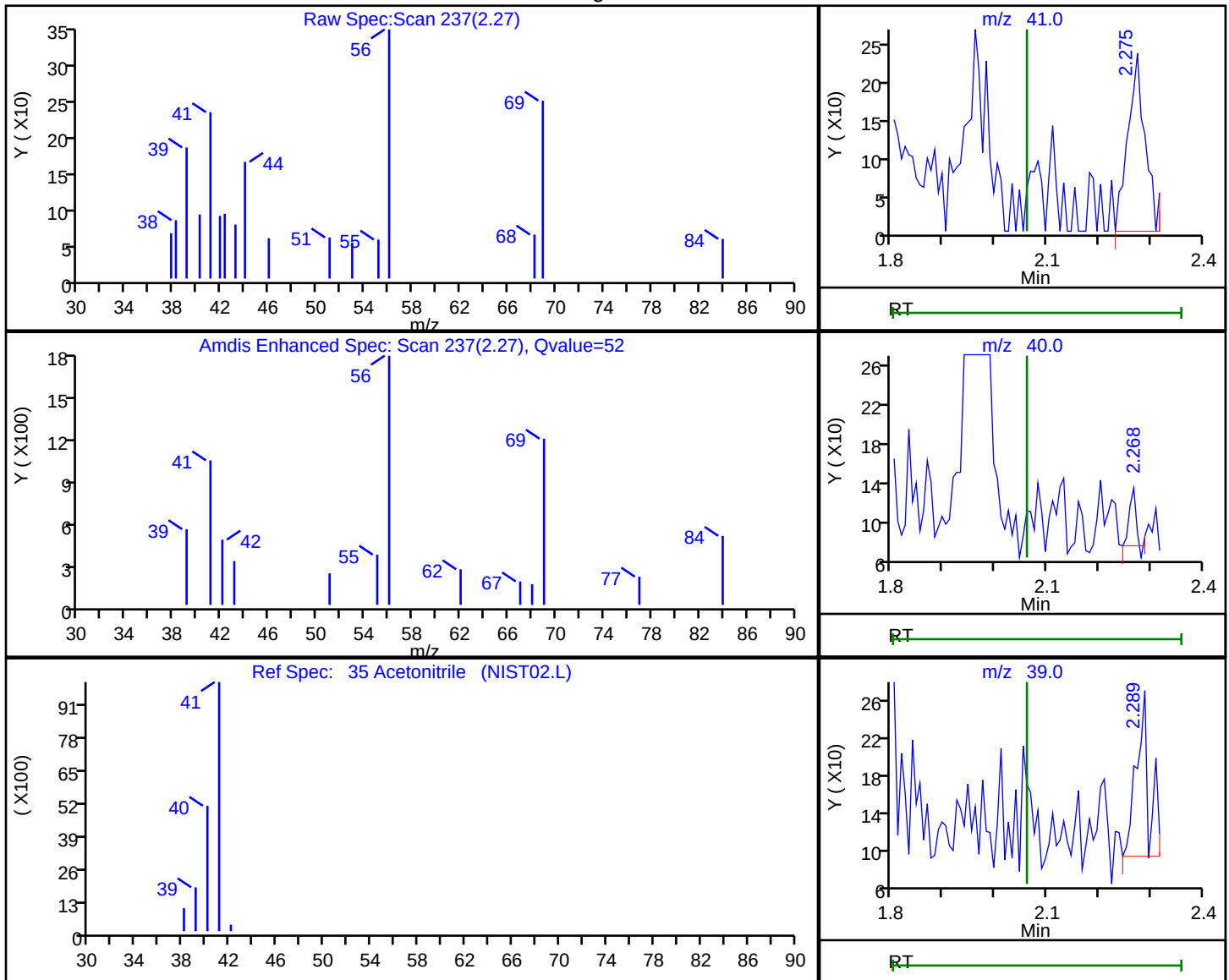
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

35 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.27	41.00	542	4.803547
2.27	40.00	51	
2.29	39.00	296	
2.27	38.00	118	

Reviewer: parekhv, 08-Oct-2019 23:13:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67011.D

Injection Date: 08-Oct-2019 20:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-2

Lab Sample ID: 460-192518-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

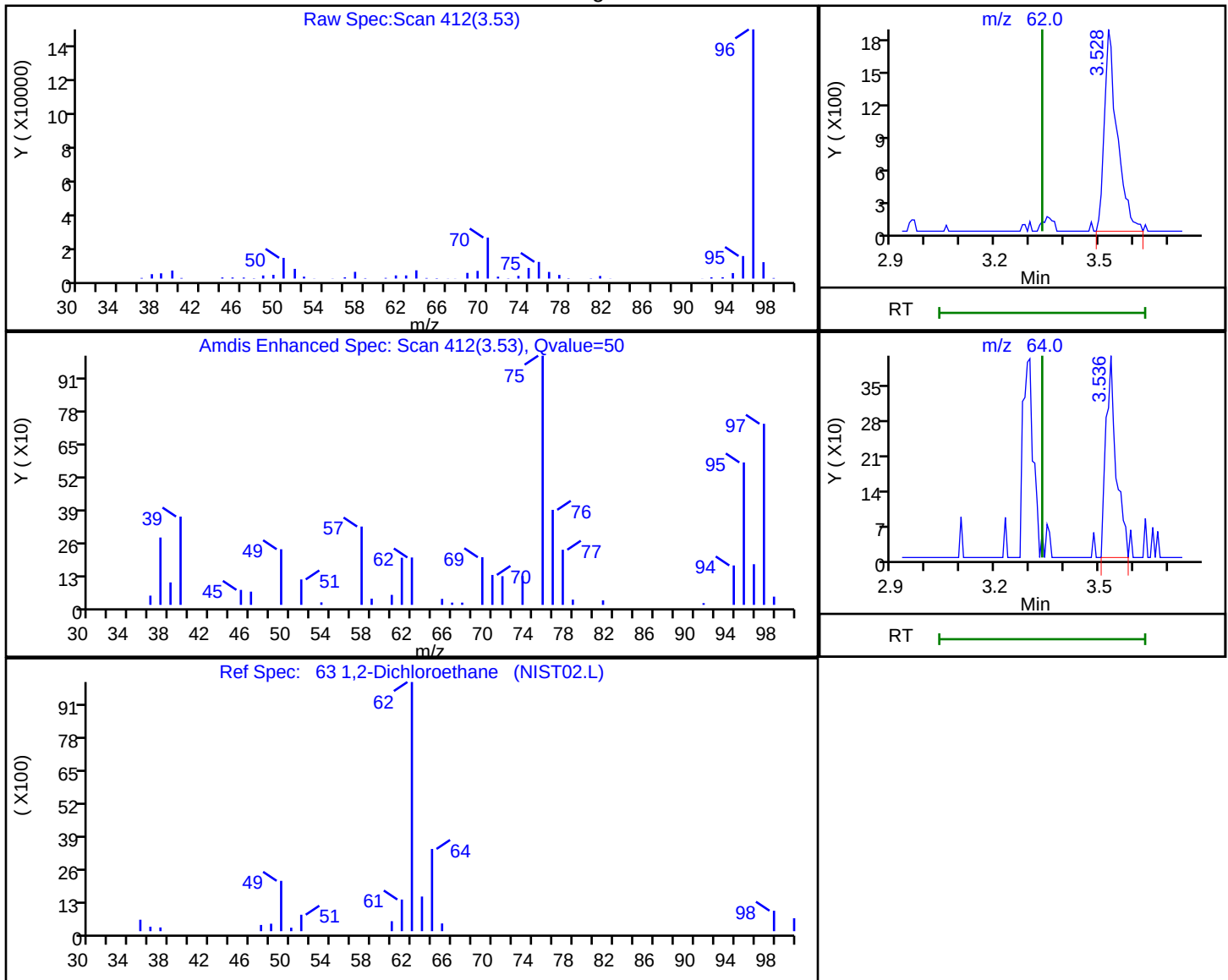
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.53	62.00	4730	1.929461
3.54	64.00	835	

Reviewer: parekhv, 08-Oct-2019 23:13:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67011.D

Injection Date: 08-Oct-2019 20:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-2

Lab Sample ID: 460-192518-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

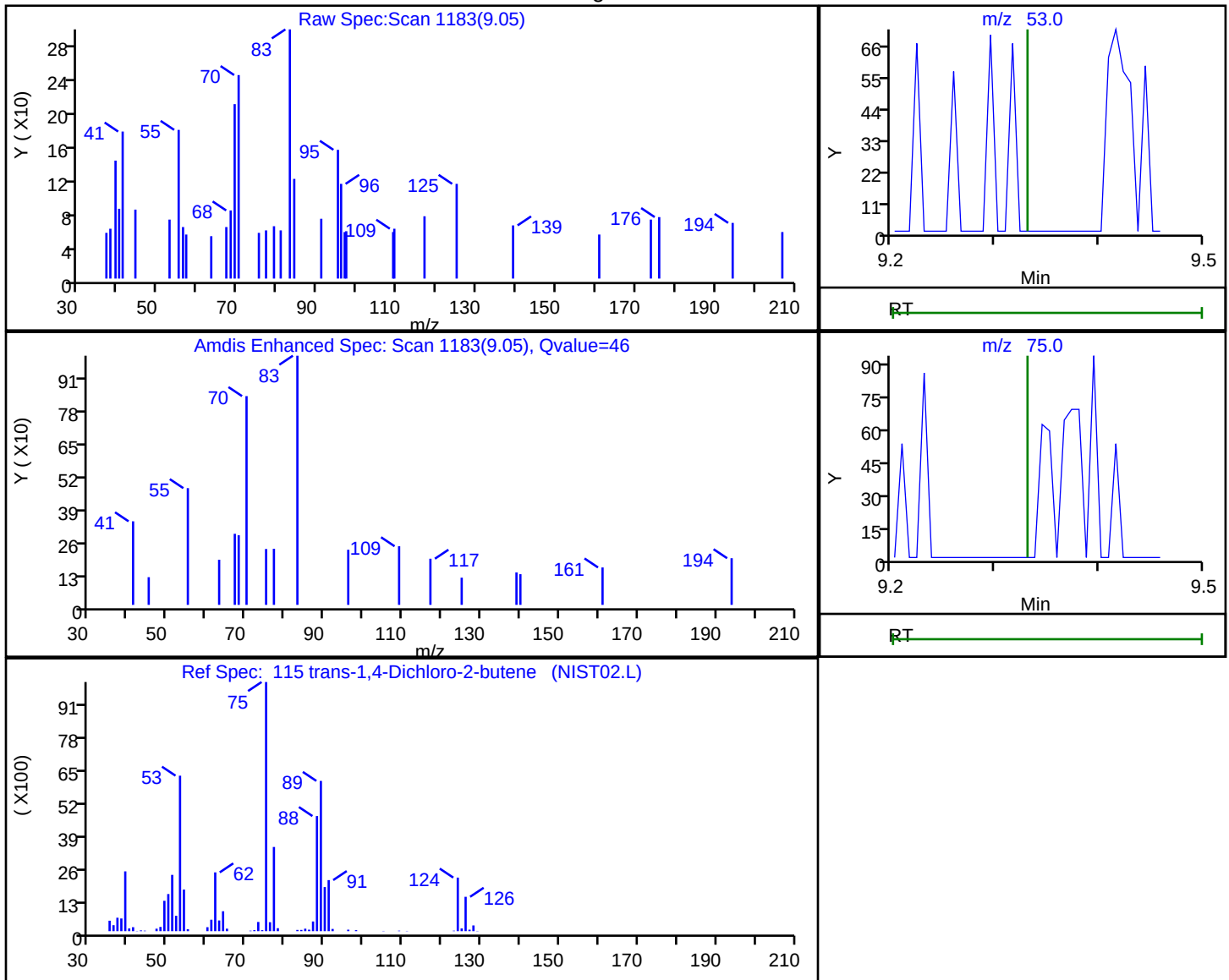
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
9.05	53.00	112	0.244631
9.05	75.00	68	

Reviewer: parekhv, 08-Oct-2019 23:13:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67011.D

Injection Date: 08-Oct-2019 20:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-2

Lab Sample ID: 460-192518-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

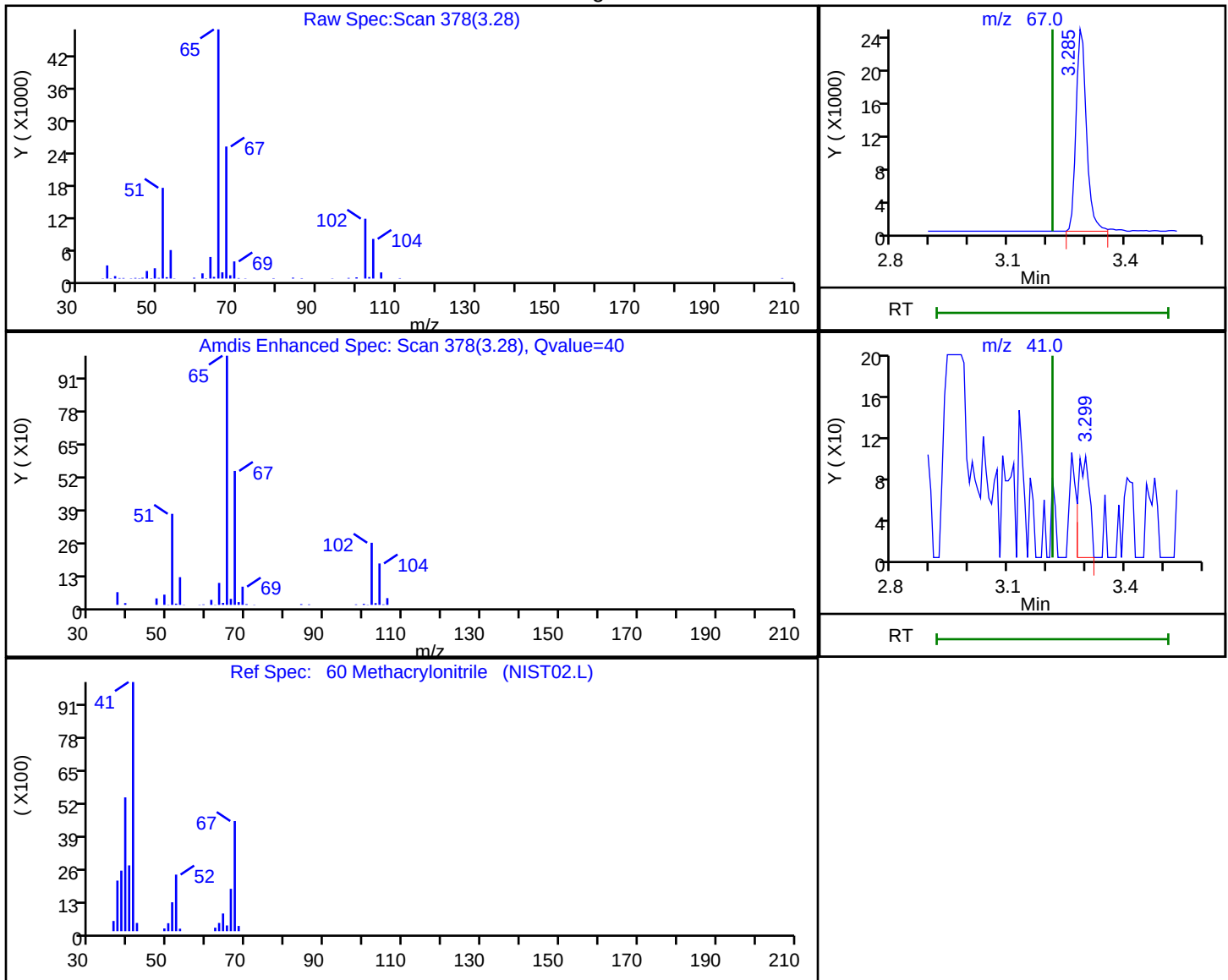
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.28	67.00	46592	77.003606
3.30	41.00	196	

Reviewer: parekhv, 08-Oct-2019 23:13:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-192518-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-3</u>	Lab Sample ID: <u>460-192518-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>P67012.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2019 10:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2019 20:31</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>645366</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U *	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: GT-3 Lab Sample ID: 460-192518-3
 Matrix: Water Lab File ID: P67012.D
 Analysis Method: 8260C Date Collected: 09/25/2019 10:30
 Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2019 20:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645366 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		74-132
460-00-4	4-Bromofluorobenzene	93		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	95		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67012.D
 Lims ID: 460-192518-A-3
 Client ID: GT-3
 Sample Type: Client
 Inject. Date: 08-Oct-2019 20:31:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-192518-A-3
 Misc. Info.: 460-0098932-025
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2019 23:14:36 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0309

First Level Reviewer: parekhv

Date: 08-Oct-2019 23:14:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 Acetone	43	1.810	1.795	0.015	92	1202	3.55	
* 33 TBA-d9 (IS)	65	1.960	1.946	0.014	0	117382	1000.0	
\$ 51 Dibromofluoromethane (Surr	113	2.898	2.891	0.007	97	96271	47.3	
* 53 2-Butanone-d5	46	2.956	2.948	0.008	0	111636	250.0	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.278	0.007	0	88307	44.0	
* 66 Fluorobenzene	96	3.536	3.521	0.015	100	399423	50.0	
* 76 1,4-Dioxane-d8	96	4.403	4.395	0.008	0	13484	1000.0	
\$ 82 Toluene-d8 (Surr)	98	5.047	5.040	0.007	99	388531	51.0	
* 96 Chlorobenzene-d5	117	6.902	6.895	0.007	83	322877	50.0	
\$ 107 4-Bromofluorobenzene	174	8.665	8.657	0.008	98	128790	46.5	
* 123 1,4-Dichlorobenzene-d4	152	10.420	10.412	0.008	93	181089	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00200 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67012.D

Injection Date: 08-Oct-2019 20:31:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-192518-A-3

Lab Sample ID: 460-192518-3

Worklist Smp#: 25

Client ID: GT-3

Purge Vol: 5.000 mL

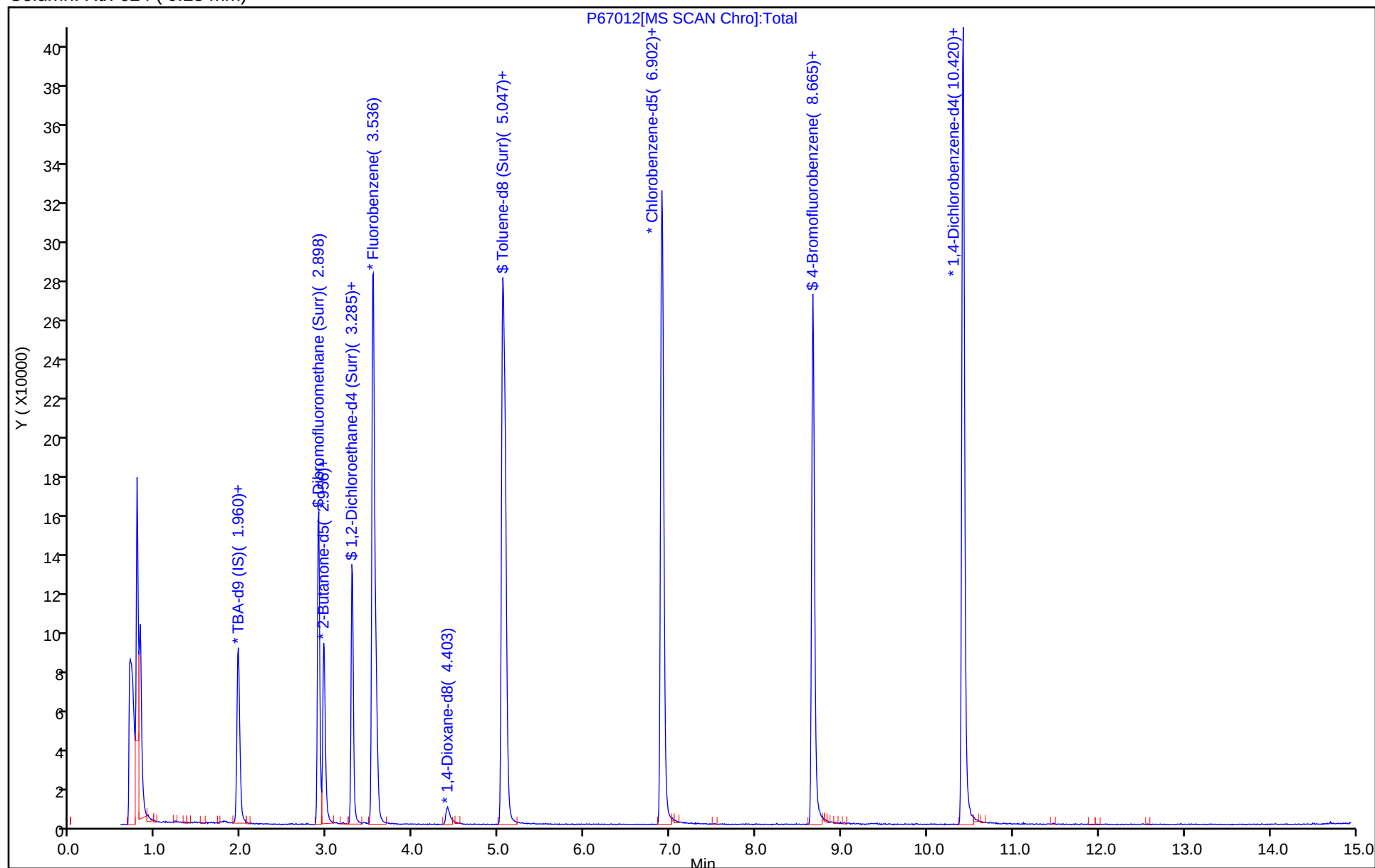
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67012.D

Injection Date: 08-Oct-2019 20:31:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-3

Lab Sample ID: 460-192518-3

Client ID: GT-3

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

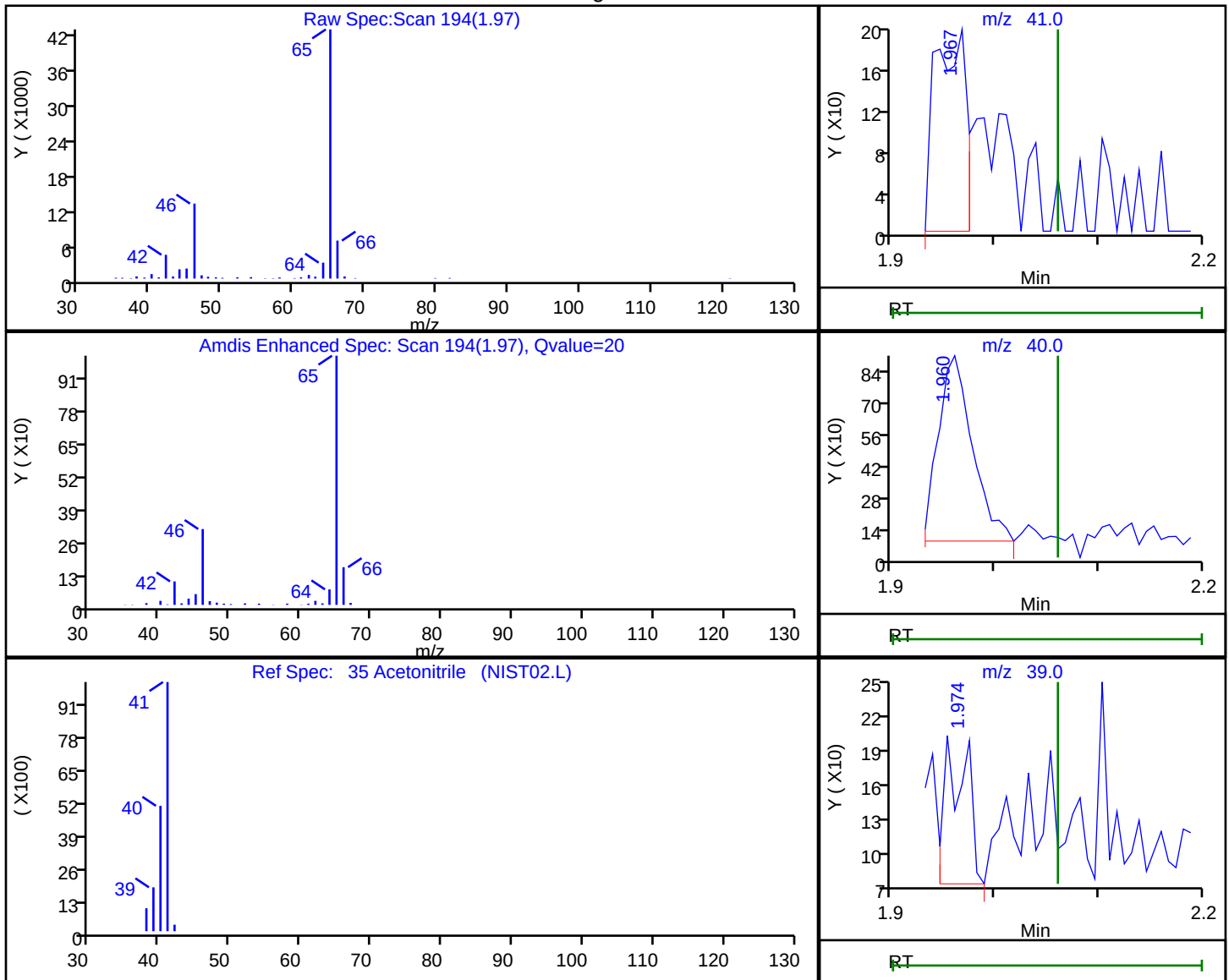
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

35 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.97	41.00	407	3.789901
1.96	40.00	1925	
1.97	39.00	177	
1.95	38.00	950	

Reviewer: parekhv, 08-Oct-2019 23:14:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67012.D

Injection Date: 08-Oct-2019 20:31:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-3

Lab Sample ID: 460-192518-3

Client ID: GT-3

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

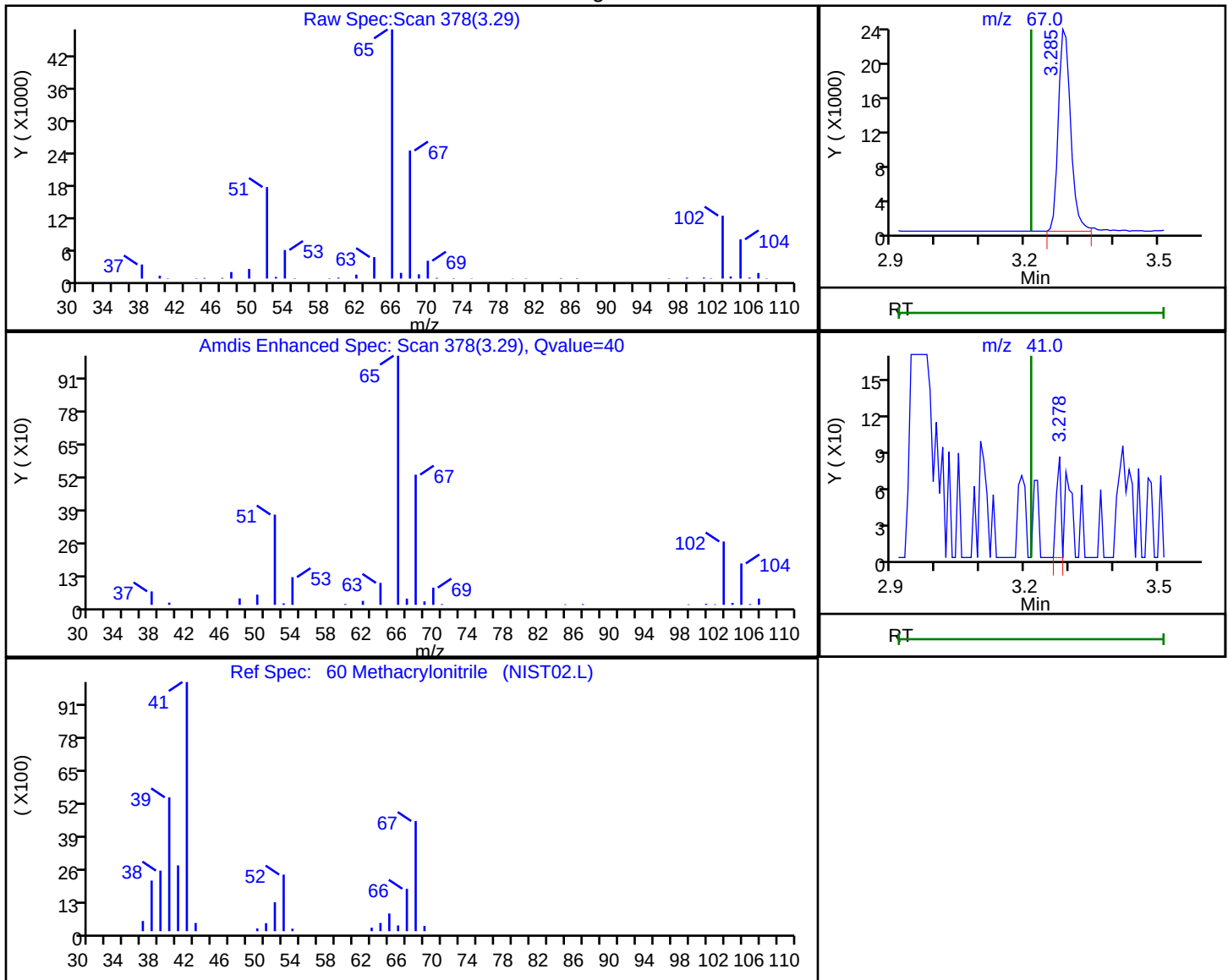
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.29	67.00	46531	75.807267
3.28	41.00	59	

Reviewer: parekhv, 08-Oct-2019 23:14:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-192518-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-4</u>	Lab Sample ID: <u>460-192518-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>P67013.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2019 10:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2019 20:59</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>645366</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U *	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: GT-4 Lab Sample ID: 460-192518-4
 Matrix: Water Lab File ID: P67013.D
 Analysis Method: 8260C Date Collected: 09/25/2019 10:00
 Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2019 20:59
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645366 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		74-132
460-00-4	4-Bromofluorobenzene	93		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	95		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67013.D
 Lims ID: 460-192518-A-4
 Client ID: GT-4
 Sample Type: Client
 Inject. Date: 08-Oct-2019 20:59:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-192518-A-4
 Misc. Info.: 460-0098932-026
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2019 23:14:53 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0309

First Level Reviewer: parekhv

Date: 08-Oct-2019 23:14:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 Acetone	43	1.802	1.795	0.007	78	492	1.47	
* 33 TBA-d9 (IS)	65	1.960	1.946	0.014	0	122112	1000.0	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.891	0.000	97	95425	47.3	
* 53 2-Butanone-d5	46	2.955	2.948	0.007	0	110438	250.0	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.278	0.007	0	89231	44.9	
* 66 Fluorobenzene	96	3.536	3.521	0.015	100	395323	50.0	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	14204	1000.0	
\$ 82 Toluene-d8 (Surr)	98	5.047	5.040	0.007	100	387177	50.4	
* 96 Chlorobenzene-d5	117	6.902	6.895	0.007	82	325686	50.0	
\$ 107 4-Bromofluorobenzene	174	8.664	8.657	0.007	97	130360	46.7	
* 123 1,4-Dichlorobenzene-d4	152	10.419	10.412	0.007	93	179482	50.0	

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67013.D

Injection Date: 08-Oct-2019 20:59:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-192518-A-4

Lab Sample ID: 460-192518-4

Worklist Smp#: 26

Client ID: GT-4

Purge Vol: 5.000 mL

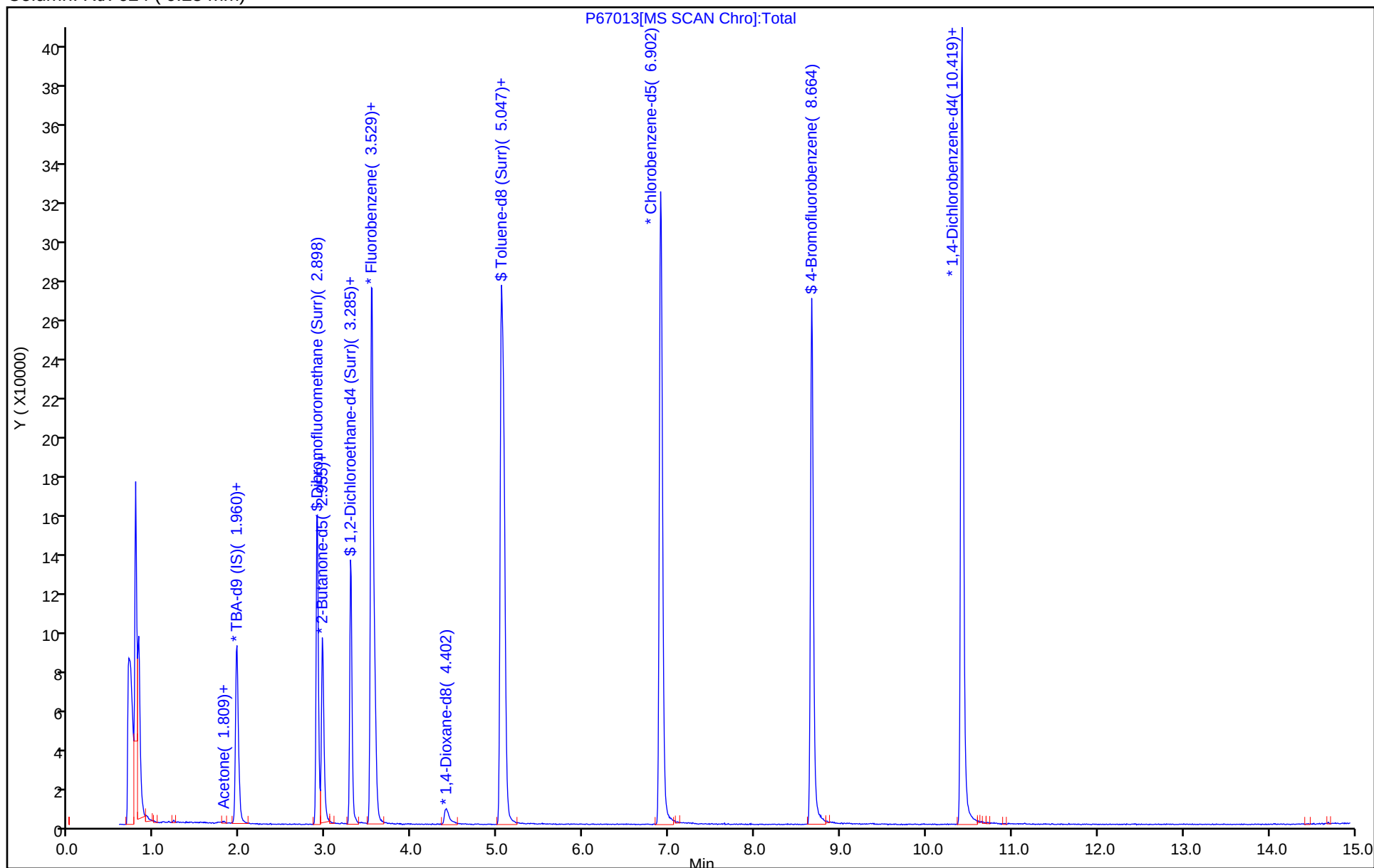
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67013.D

Injection Date: 08-Oct-2019 20:59:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-4

Lab Sample ID: 460-192518-4

Client ID: GT-4

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

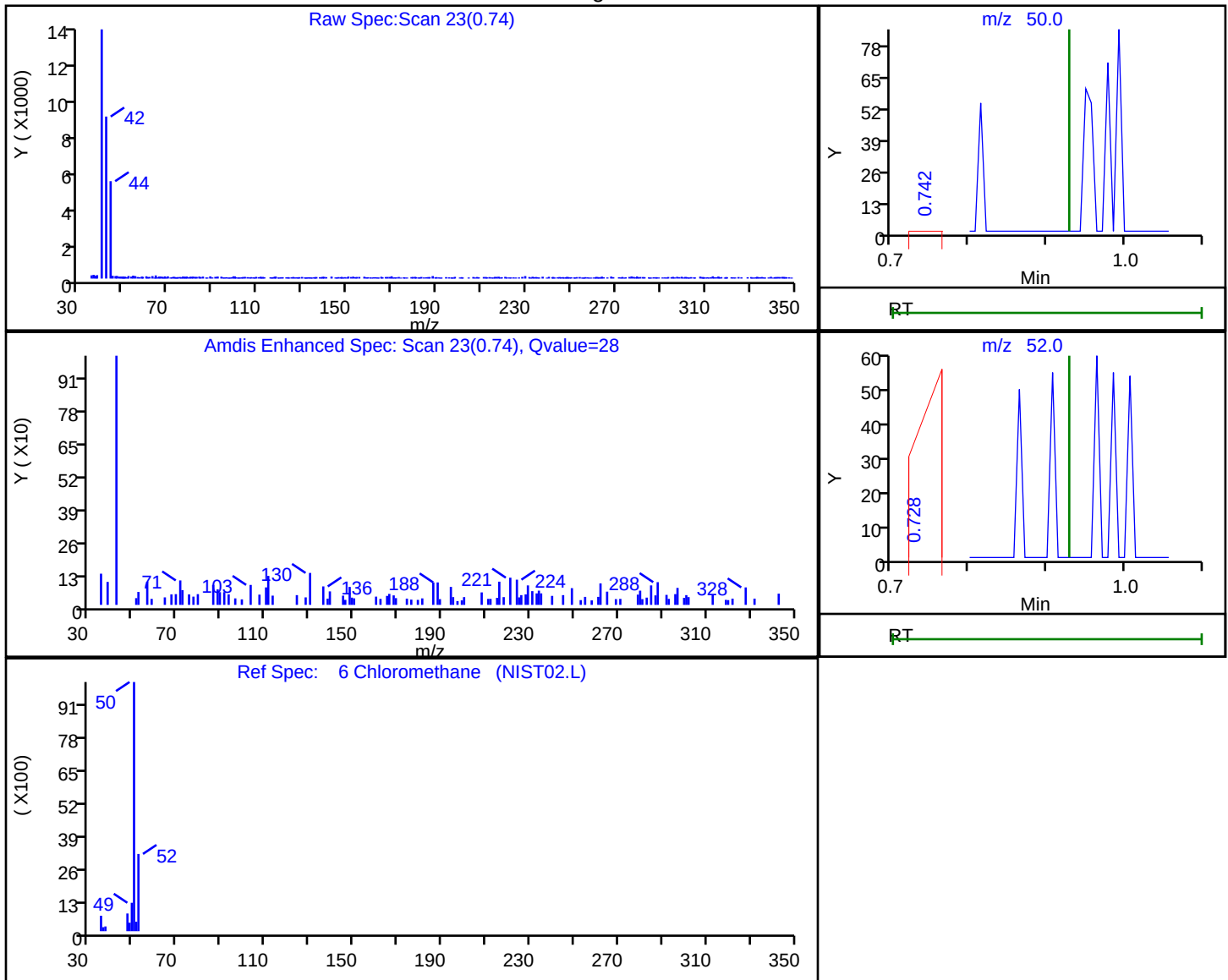
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.74	50.00	249	0.160660
0.73	52.00	373	

Reviewer: parekhv, 08-Oct-2019 23:14:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67013.D

Injection Date: 08-Oct-2019 20:59:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-4

Lab Sample ID: 460-192518-4

Client ID: GT-4

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

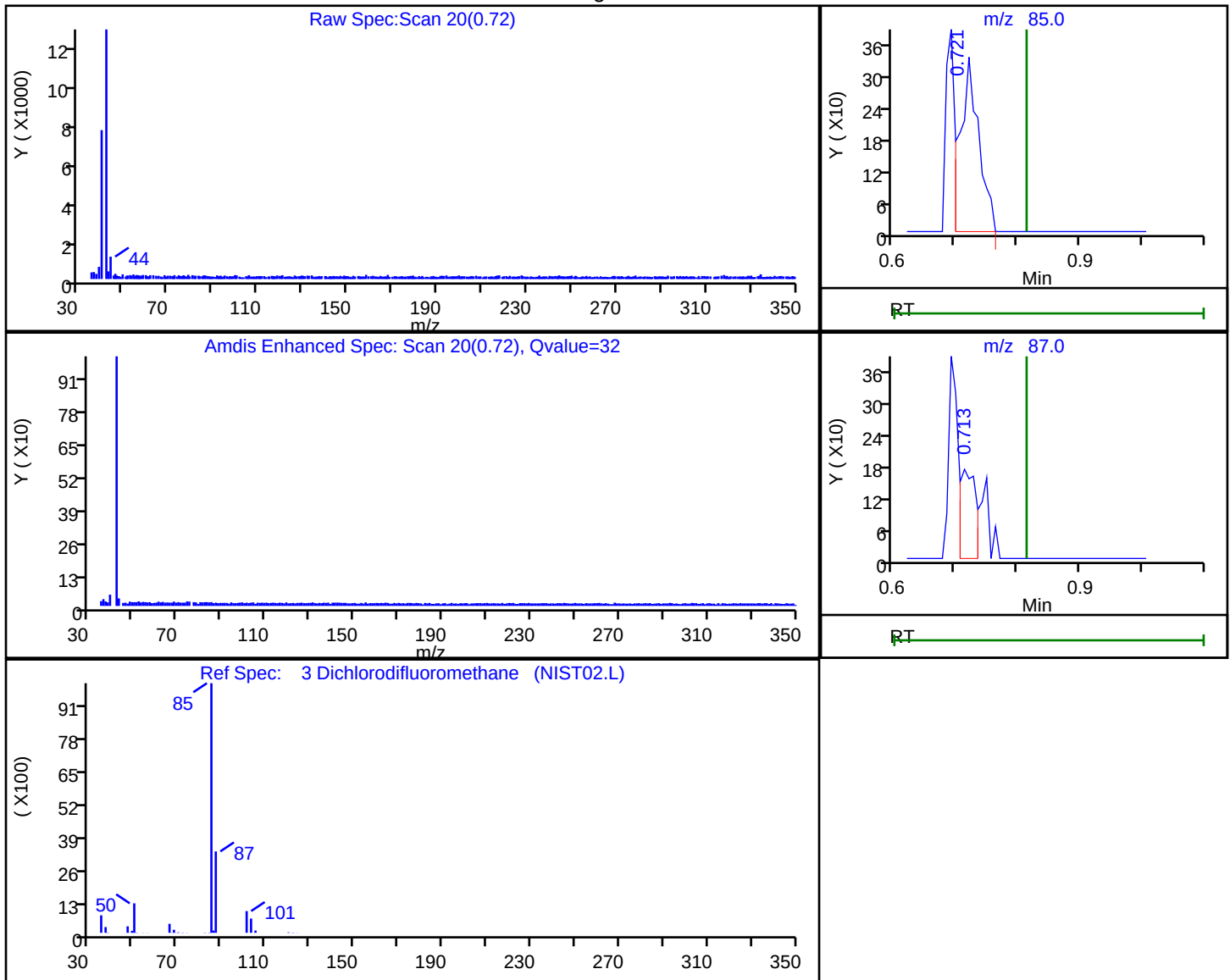
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.72	85.00	692	0.279143
0.71	87.00	311	

Reviewer: parekhv, 08-Oct-2019 23:14:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P67013.D

Injection Date: 08-Oct-2019 20:59:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-4

Lab Sample ID: 460-192518-4

Client ID: GT-4

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

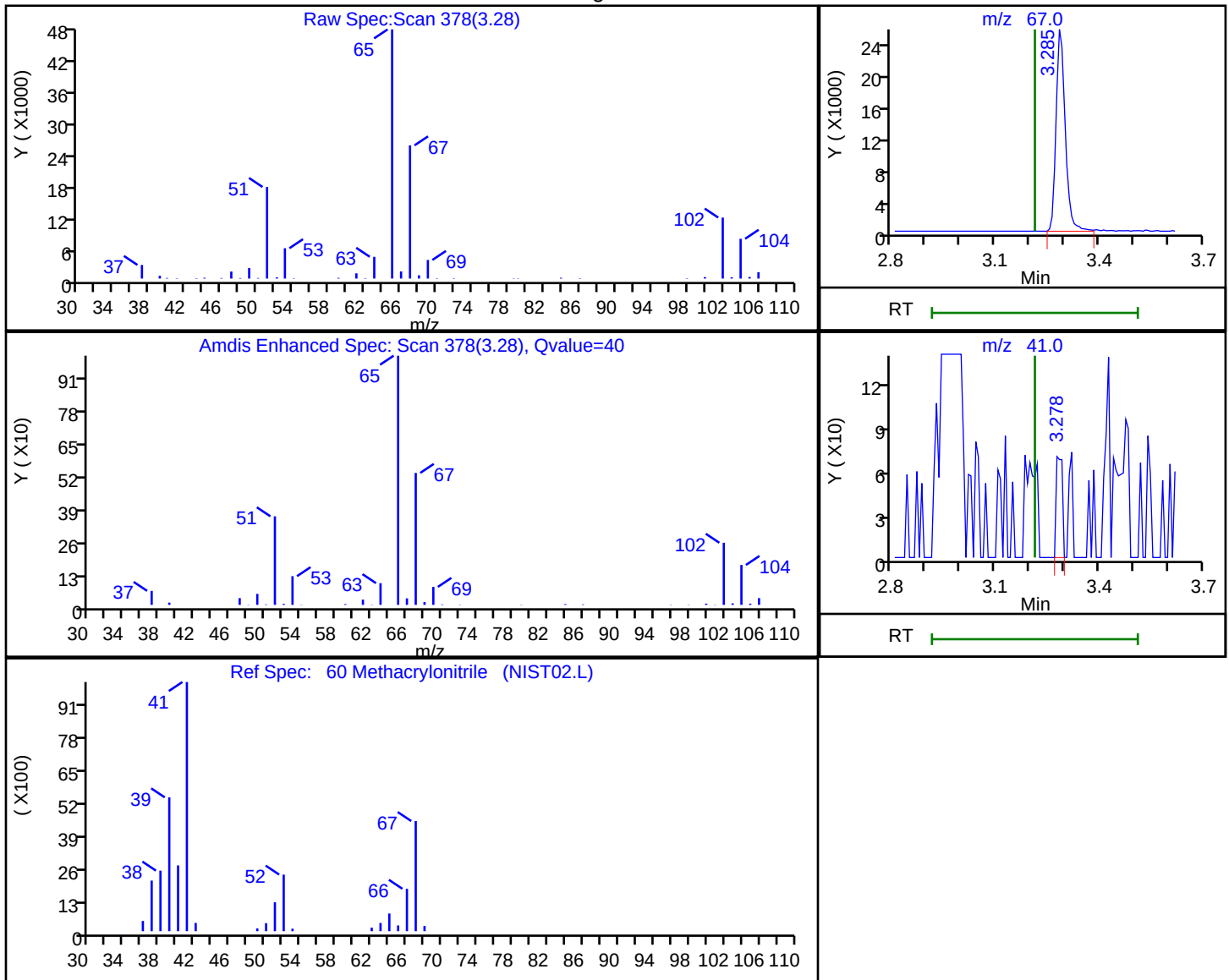
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.28	67.00	47184	77.668371
3.28	41.00	86	

Reviewer: parekhv, 08-Oct-2019 23:14:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-192518-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-5</u>	Lab Sample ID: <u>460-192518-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>P67028.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2019 11:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/09/2019 05:32</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>645557</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U *	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-192518-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-5</u>	Lab Sample ID: <u>460-192518-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>P67028.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2019 11:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/09/2019 05:32</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>645557</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	1.2	J	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	96		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67028.D
 Lims ID: 460-192518-B-5
 Client ID: GT-5
 Sample Type: Client
 Inject. Date: 09-Oct-2019 05:32:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-192518-B-5
 Misc. Info.: 460-0098968-012
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Oct-2019 10:10:49 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0329

First Level Reviewer: martineze

Date: 09-Oct-2019 09:31:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 Acetone	43	1.809	1.802	0.007	70	818	2.26	
* 33 TBA-d9 (IS)	65	1.960	1.960	0.000	0	105428	1000.0	
\$ 51 Dibromofluoromethane (Surr	113	2.898	2.898	0.000	97	96264	48.0	
* 53 2-Butanone-d5	46	2.955	2.956	-0.001	0	119336	250.0	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.285	0.000	0	89944	45.6	
* 66 Fluorobenzene	96	3.536	3.536	0.000	100	392840	50.0	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	15784	1000.0	
\$ 82 Toluene-d8 (Surr)	98	5.047	5.054	-0.007	99	387637	50.9	
86 Tetrachloroethene	166	5.527	5.527	0.000	95	2685	1.18	
* 96 Chlorobenzene-d5	117	6.902	6.902	0.000	83	322655	50.0	
\$ 107 4-Bromofluorobenzene	174	8.664	8.665	-0.001	97	131429	47.5	
* 123 1,4-Dichlorobenzene-d4	152	10.419	10.419	0.000	93	182098	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00200 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67028.D

Injection Date: 09-Oct-2019 05:32:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-192518-B-5

Lab Sample ID: 460-192518-5

Worklist Smp#: 12

Client ID: GT-5

Purge Vol: 5.000 mL

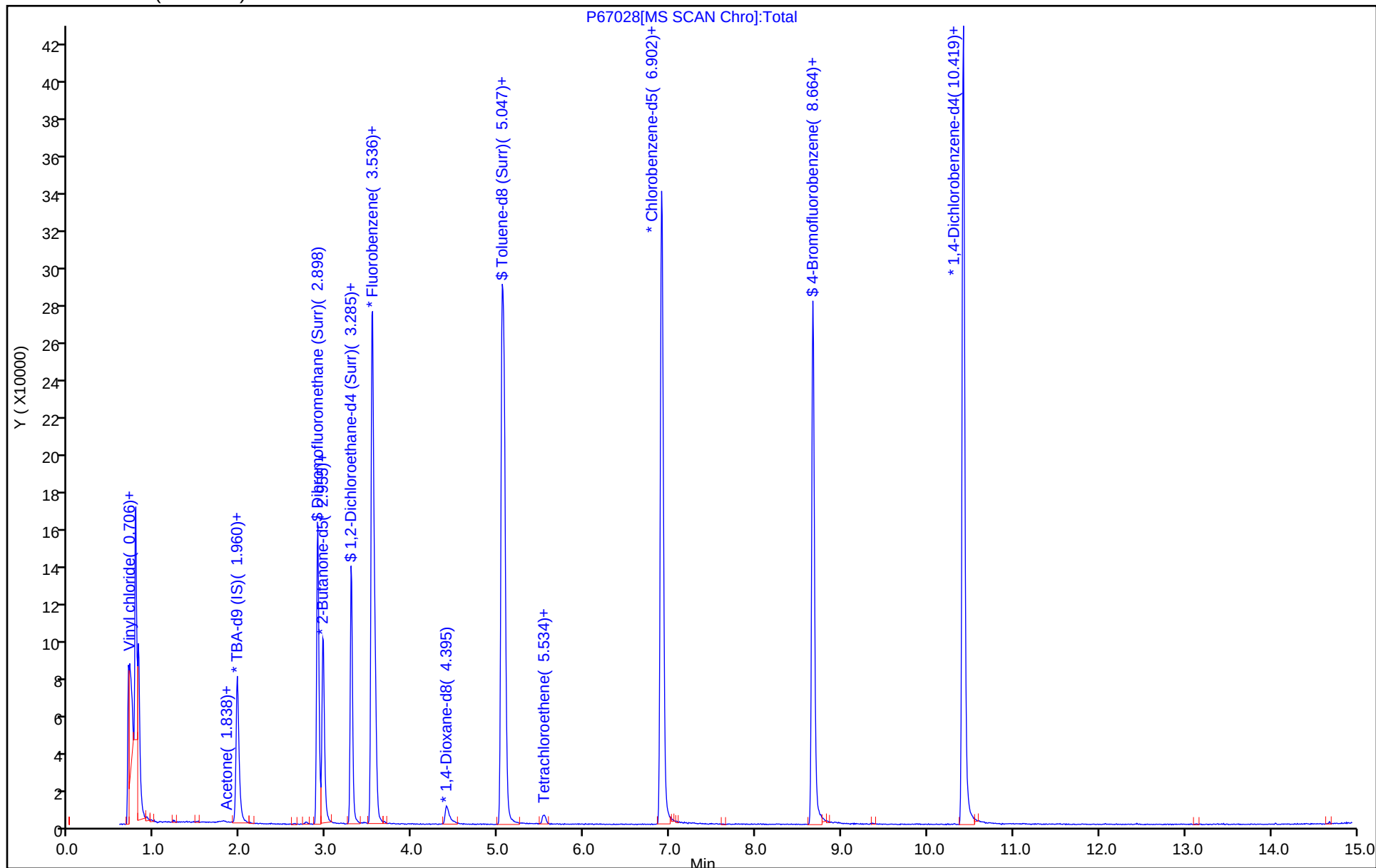
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67028.D

Injection Date: 09-Oct-2019 05:32:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-B-5

Lab Sample ID: 460-192518-5

Client ID: GT-5

Operator ID:

ALS Bottle#:

11

Worklist Smp#:

12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

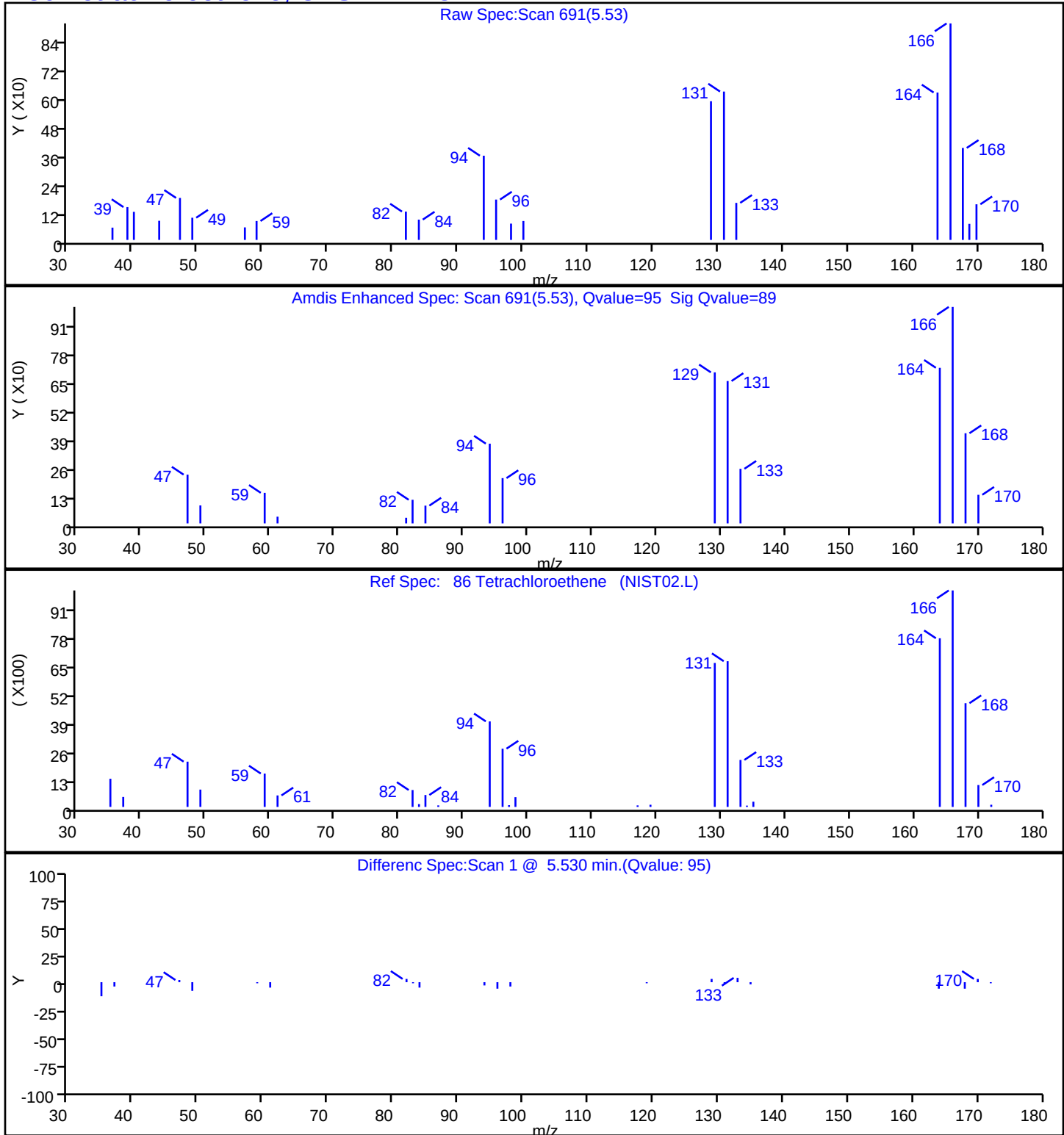
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67028.D

Injection Date: 09-Oct-2019 05:32:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-B-5

Lab Sample ID: 460-192518-5

Client ID: GT-5

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

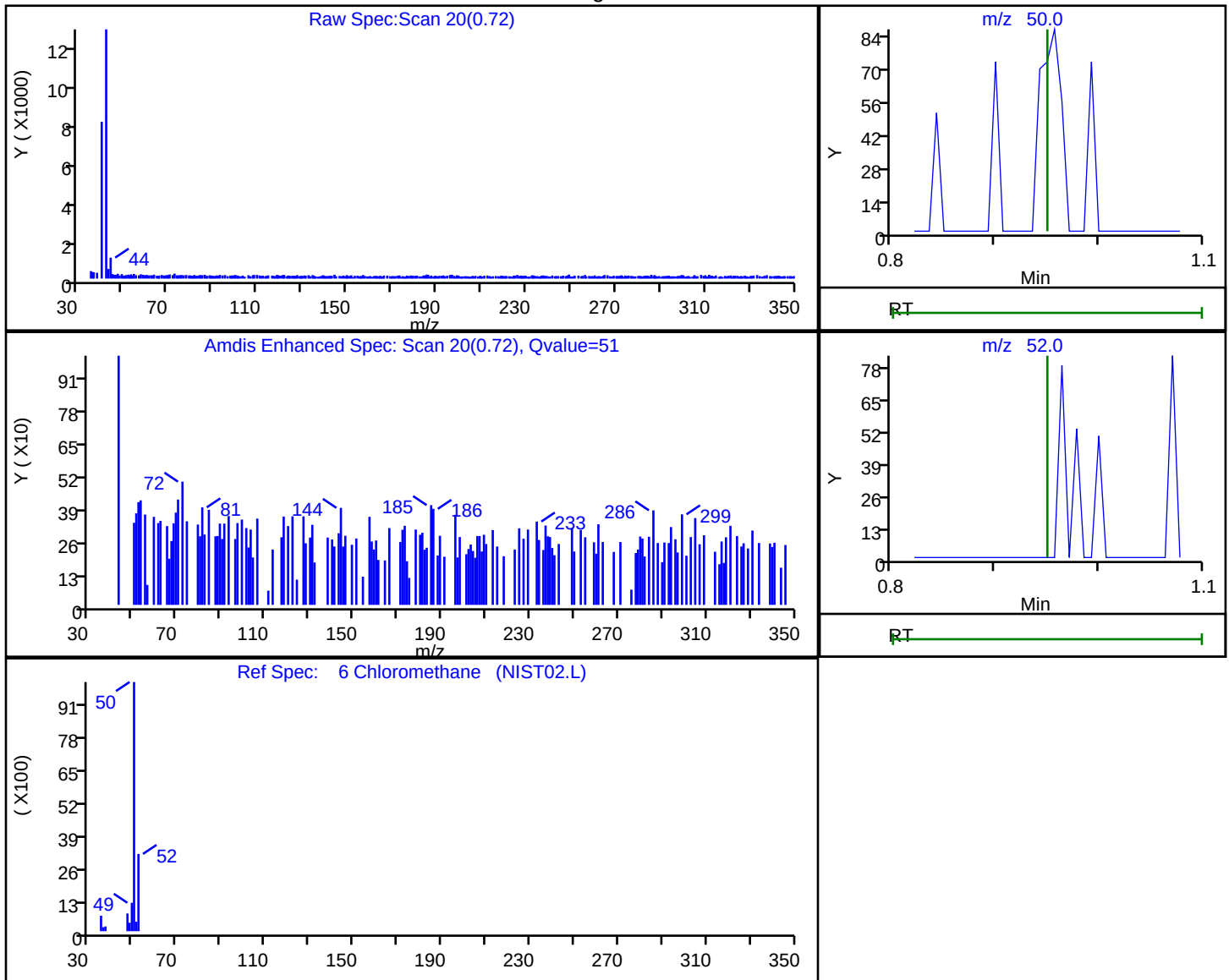
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.72	50.00	392	0.254525
0.72	52.00	118	

Reviewer: martineze, 09-Oct-2019 09:30:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67028.D

Injection Date: 09-Oct-2019 05:32:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-B-5

Lab Sample ID: 460-192518-5

Client ID: GT-5

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

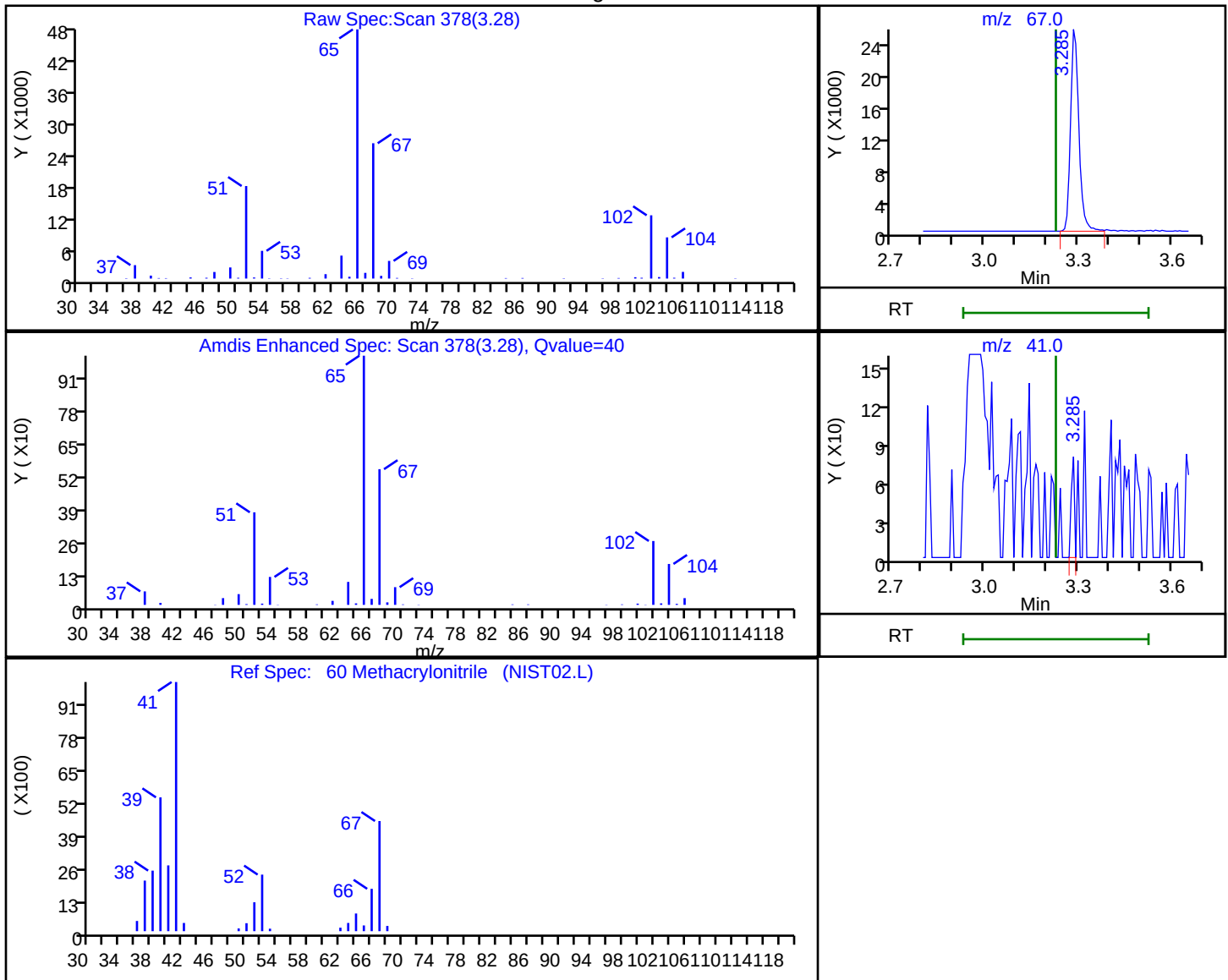
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.28	67.00	48291	79.993007
3.28	41.00	55	

Reviewer: martineze, 09-Oct-2019 09:30:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-192518-1</u>
SDG No.: _____	
Client Sample ID: <u>GW-DUP</u>	Lab Sample ID: <u>460-192518-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>P67029.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2019 09:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/09/2019 06:02</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>645557</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	6.5	J	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	6.4		5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U *	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.49	J	3.0	0.43
541-73-1	1,3-Dichlorobenzene	0.43	J	3.0	0.34
106-46-7	1,4-Dichlorobenzene	2.2	J	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: GW-DUP Lab Sample ID: 460-192518-6
 Matrix: Water Lab File ID: P67029.D
 Analysis Method: 8260C Date Collected: 09/25/2019 09:00
 Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2019 06:02
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		74-132
460-00-4	4-Bromofluorobenzene	93		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67029.D
 Lims ID: 460-192518-B-6
 Client ID: GW-DUP
 Sample Type: Client
 Inject. Date: 09-Oct-2019 06:02:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-192518-B-6
 Misc. Info.: 460-0098968-013
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Oct-2019 09:32:01 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0329

First Level Reviewer: martineze

Date: 09-Oct-2019 09:32:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 Acetone	43	1.802	1.802	0.000	87	2327	6.54	
* 33 TBA-d9 (IS)	65	1.960	1.960	0.000	0	120999	1000.0	
\$ 51 Dibromofluoromethane (Surr	113	2.898	2.898	0.000	97	97859	48.4	
* 53 2-Butanone-d5	46	2.956	2.956	0.000	0	117248	250.0	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.285	0.000	0	88441	44.4	
* 66 Fluorobenzene	96	3.536	3.536	0.000	100	396568	50.0	
* 76 1,4-Dioxane-d8	96	4.403	4.395	0.008	0	13033	1000.0	
\$ 82 Toluene-d8 (Surr)	98	5.047	5.054	-0.007	99	386674	50.1	
* 96 Chlorobenzene-d5	117	6.902	6.902	0.000	83	327038	50.0	
97 Chlorobenzene	112	6.924	6.924	0.000	98	38234	6.37	
\$ 107 4-Bromofluorobenzene	174	8.665	8.665	0.000	98	130482	46.5	
121 1,3-Dichlorobenzene	146	10.305	10.283	0.022	95	1992	0.4329	
* 123 1,4-Dichlorobenzene-d4	152	10.420	10.419	0.001	93	180867	50.0	
124 1,4-Dichlorobenzene	146	10.441	10.441	0.000	93	11254	2.22	
130 1,2-Dichlorobenzene	146	11.122	11.107	0.015	95	2261	0.4914	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00200 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67029.D

Injection Date: 09-Oct-2019 06:02:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-192518-B-6

Lab Sample ID: 460-192518-6

Worklist Smp#: 13

Client ID: GW-DUP

Purge Vol: 5.000 mL

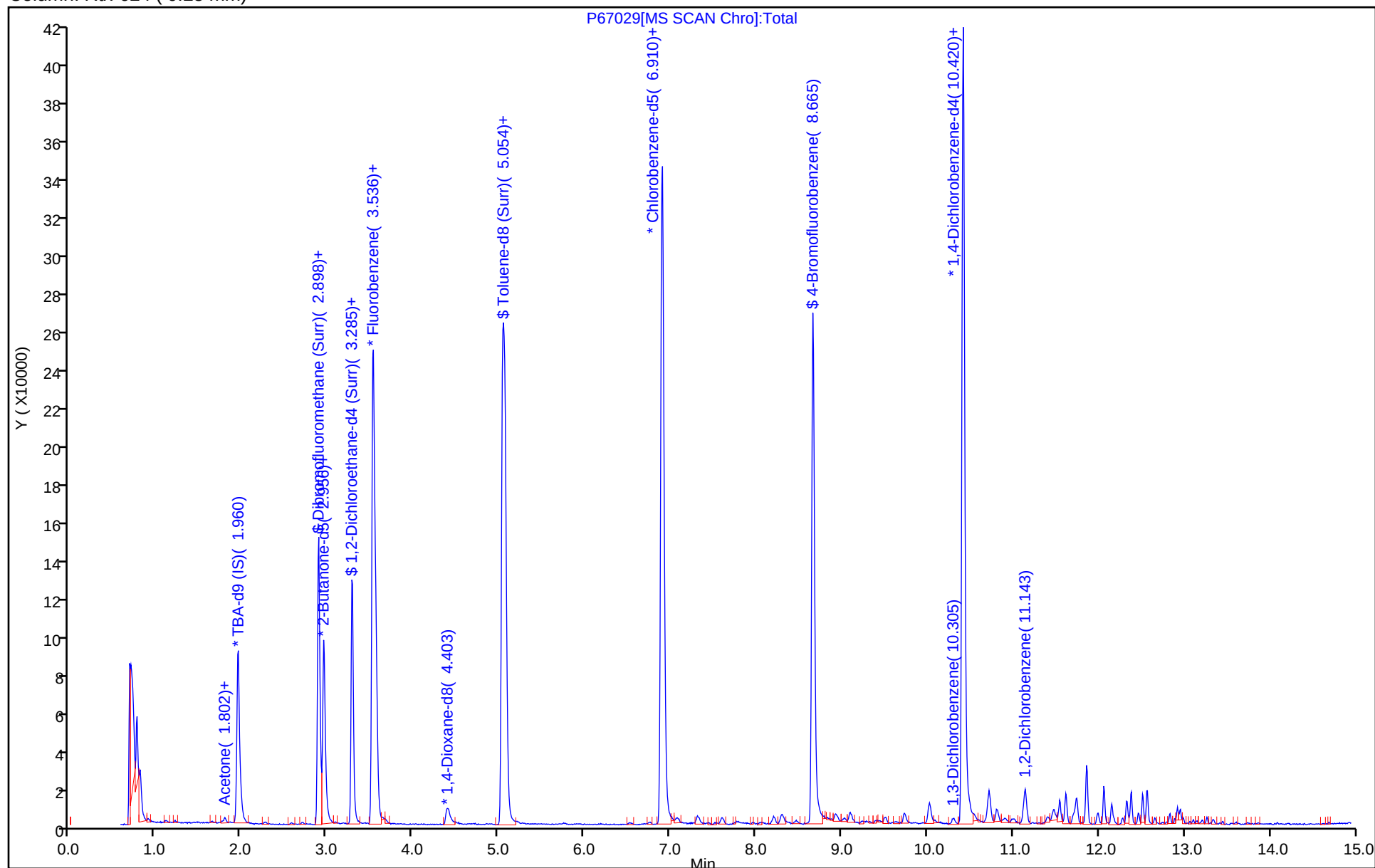
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67029.D

Injection Date: 09-Oct-2019 06:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-B-6

Lab Sample ID: 460-192518-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

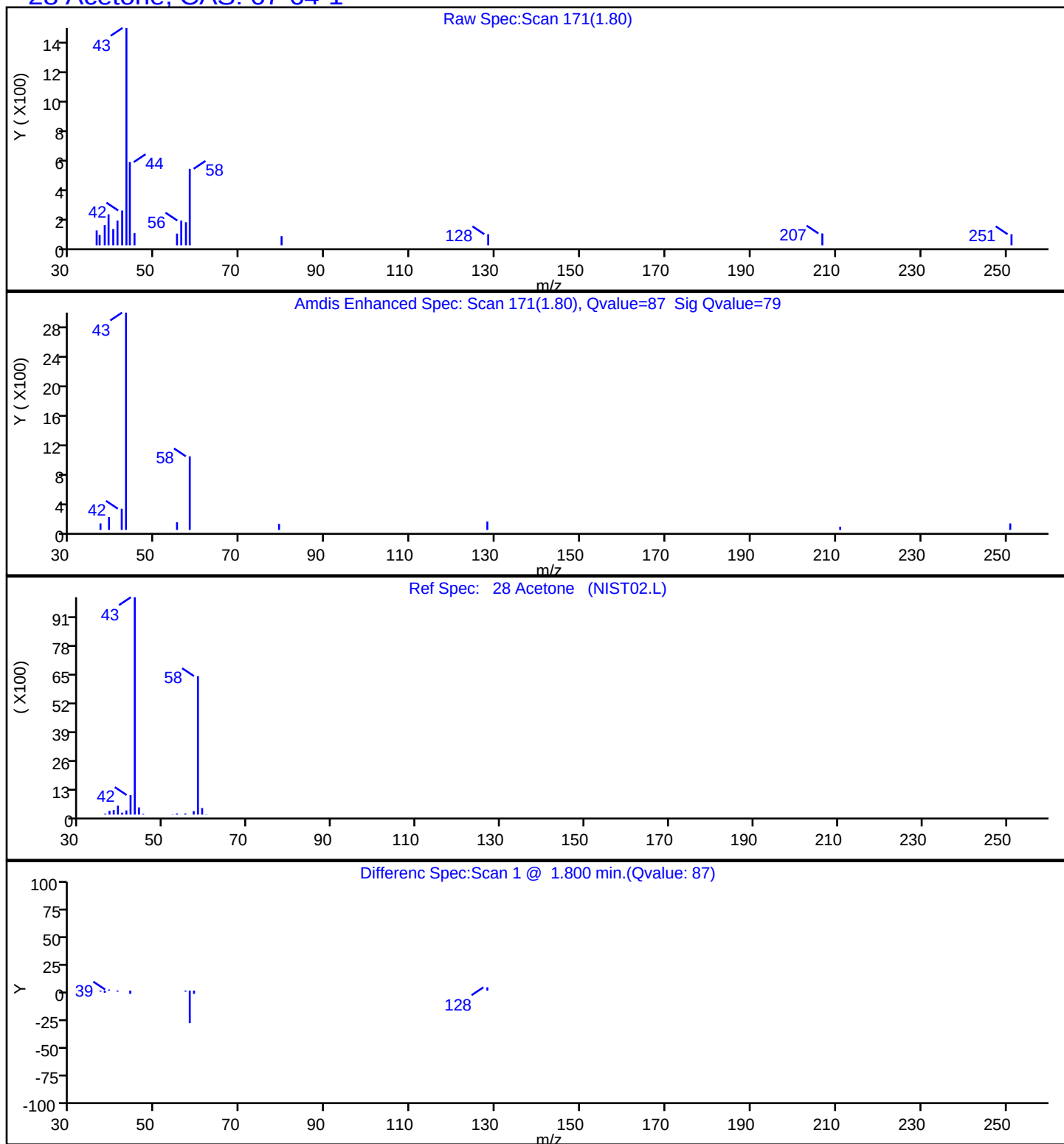
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

28 Acetone, CAS: 67-64-1

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67029.D

Injection Date: 09-Oct-2019 06:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-B-6

Lab Sample ID: 460-192518-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

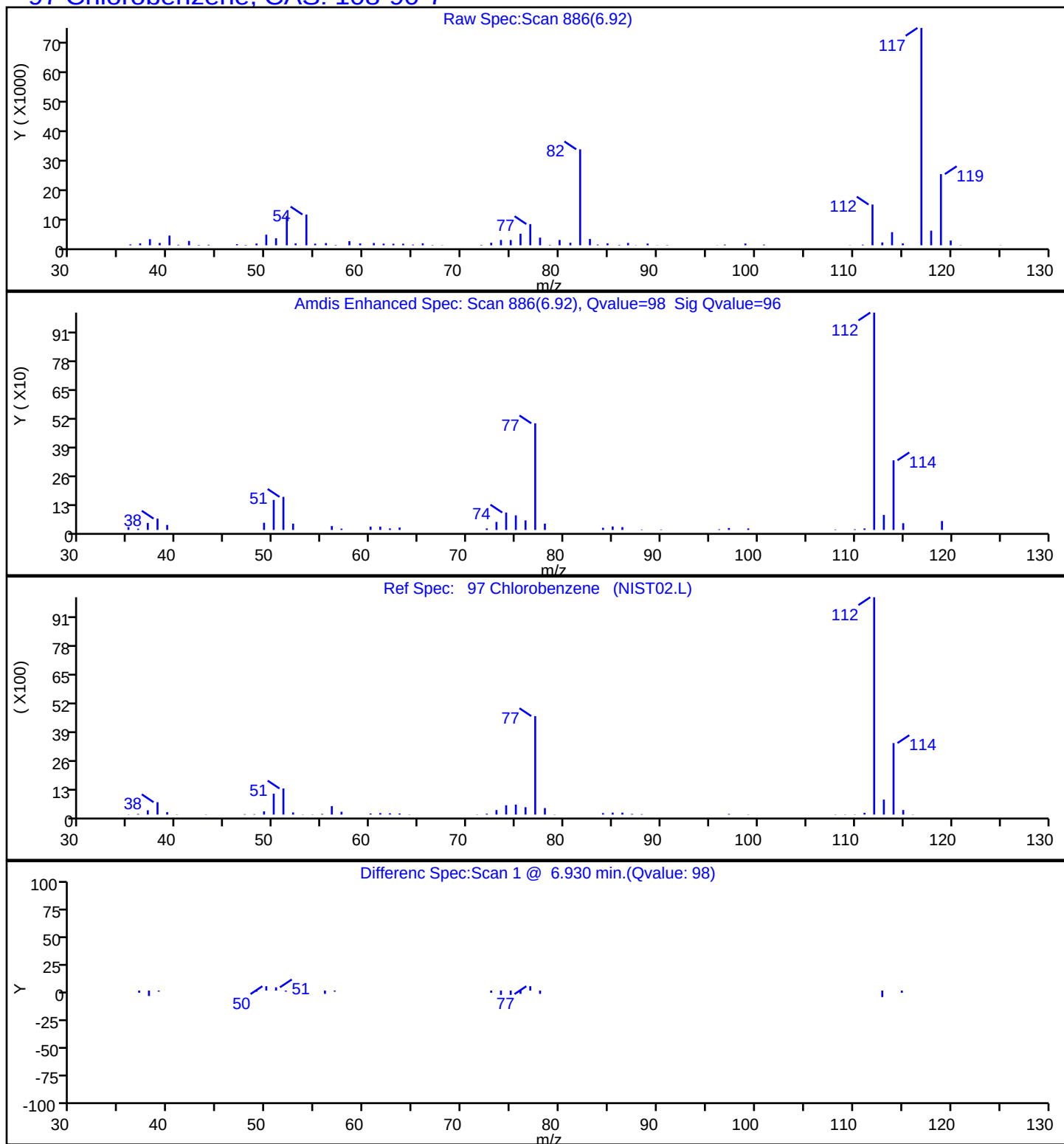
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

97 Chlorobenzene, CAS: 108-90-7

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67029.D

Injection Date: 09-Oct-2019 06:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-B-6

Lab Sample ID: 460-192518-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

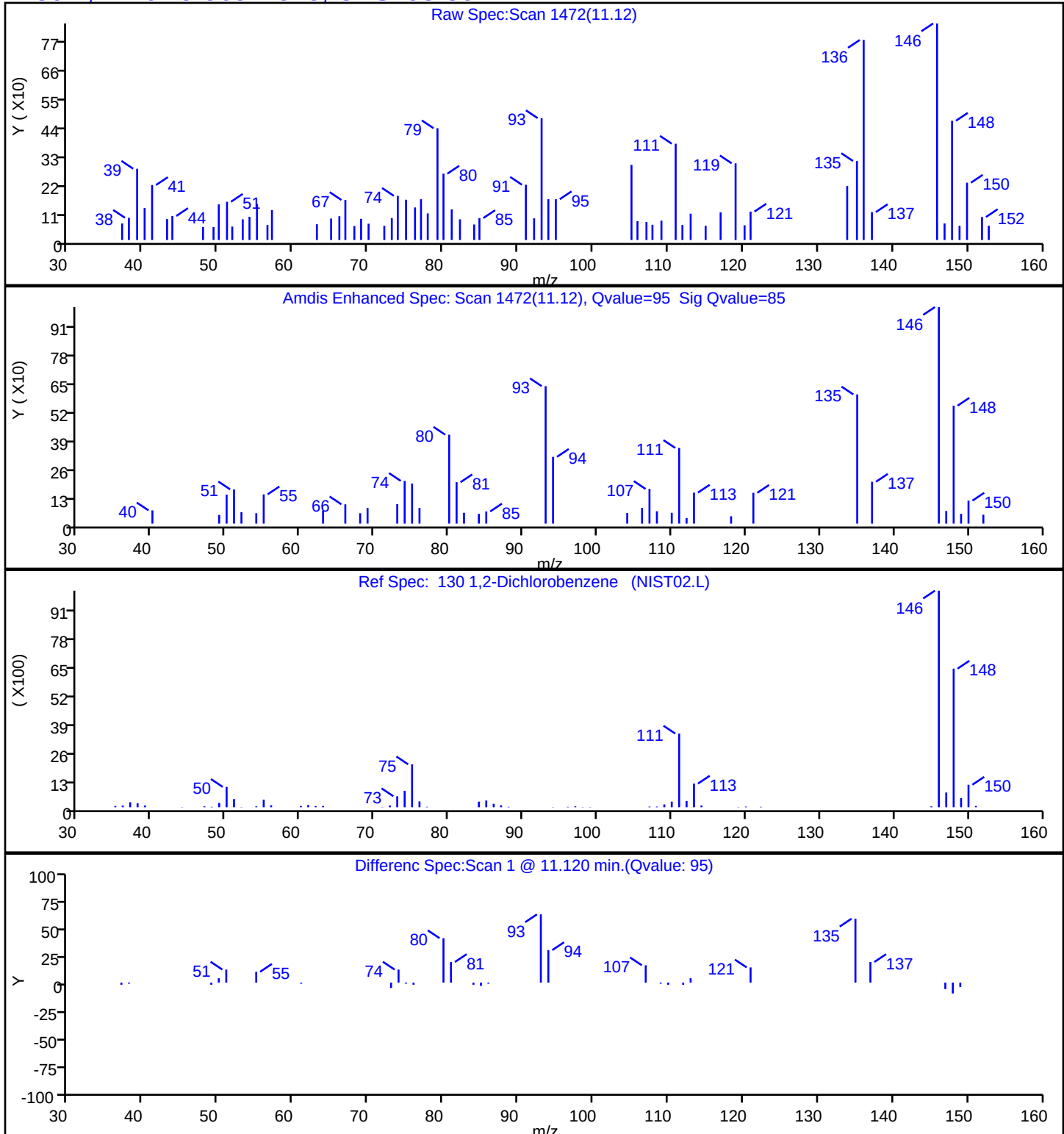
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

130 1,2-Dichlorobenzene, CAS: 95-50-1

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67029.D

Injection Date: 09-Oct-2019 06:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-B-6

Lab Sample ID: 460-192518-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

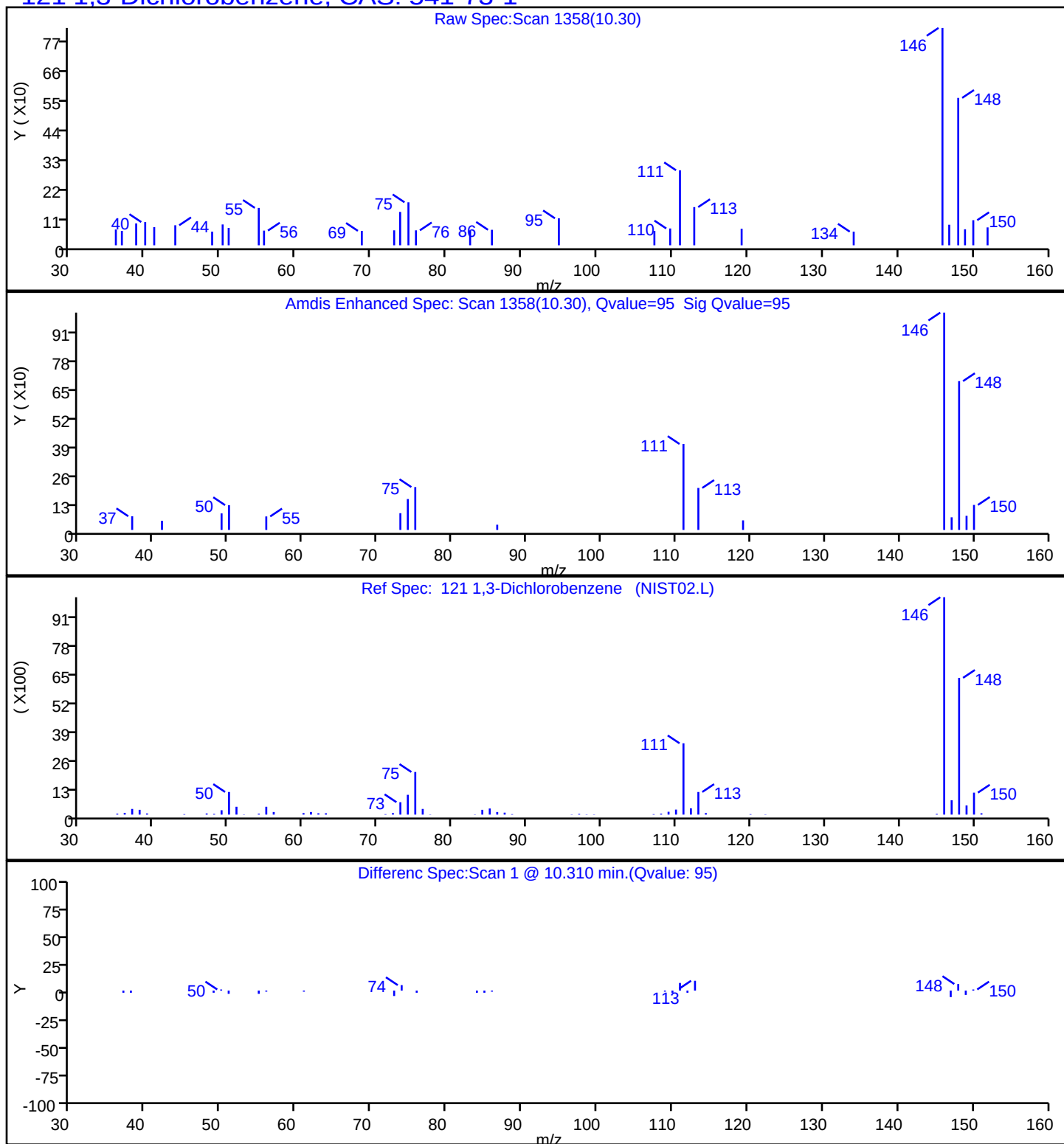
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

121 1,3-Dichlorobenzene, CAS: 541-73-1

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67029.D

Injection Date: 09-Oct-2019 06:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-B-6

Lab Sample ID: 460-192518-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

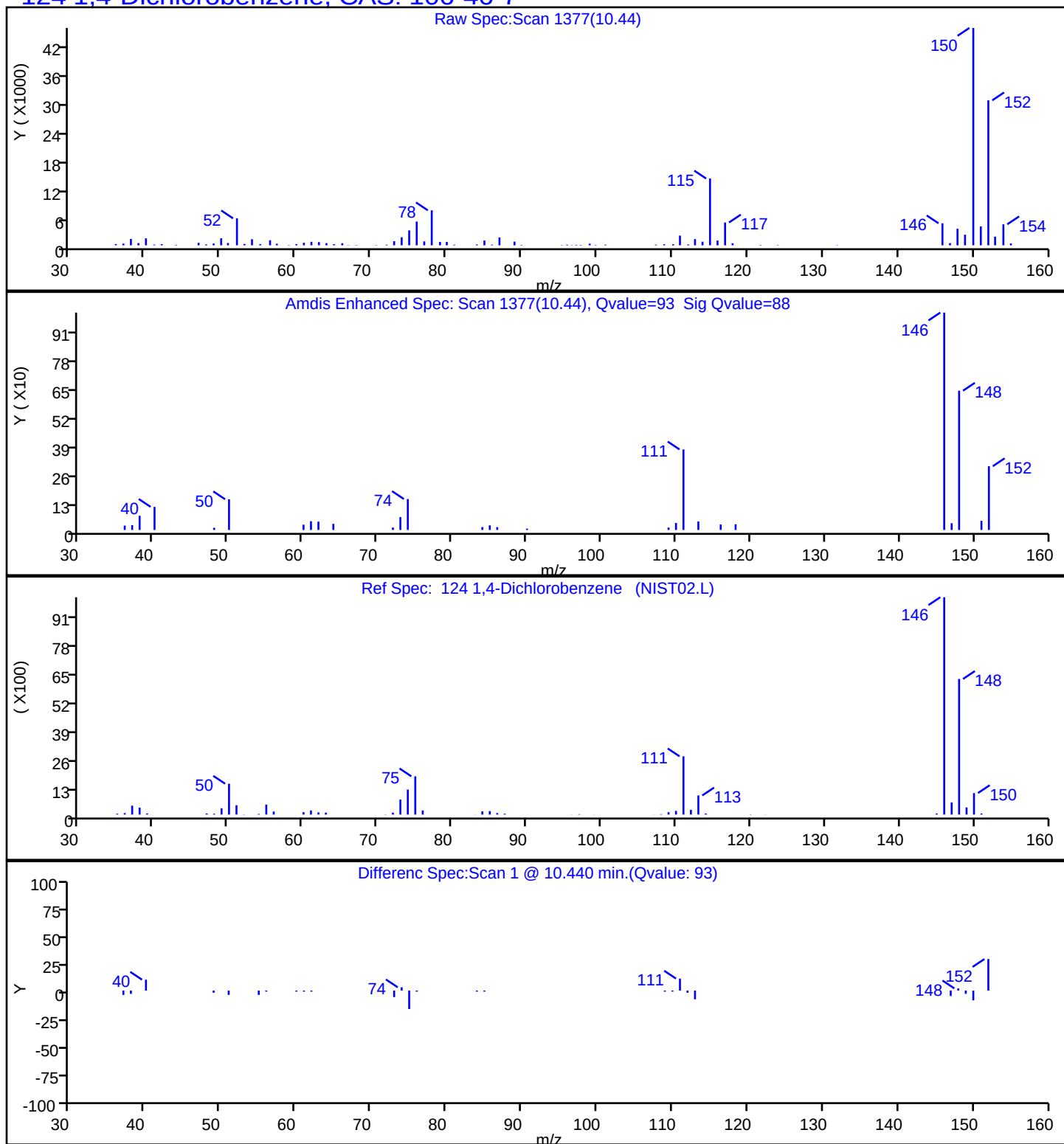
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

124 1,4-Dichlorobenzene, CAS: 106-46-7

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67029.D

Injection Date: 09-Oct-2019 06:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-B-6

Lab Sample ID: 460-192518-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

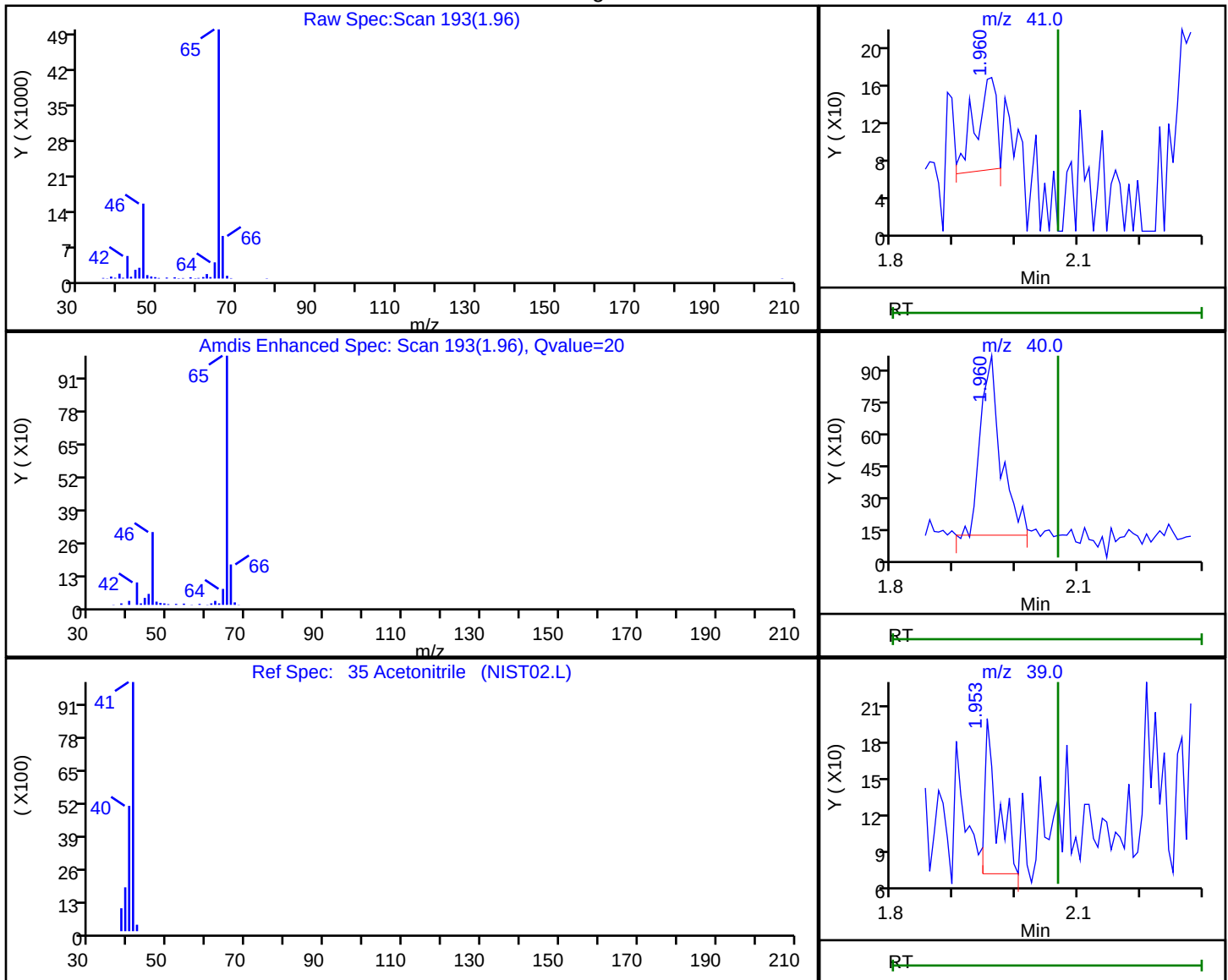
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

35 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.96	41.00	233	2.104792
1.96	40.00	1969	
1.95	39.00	173	
1.96	38.00	352	

Reviewer: martineze, 09-Oct-2019 09:31:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67029.D

Injection Date: 09-Oct-2019 06:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-B-6

Lab Sample ID: 460-192518-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

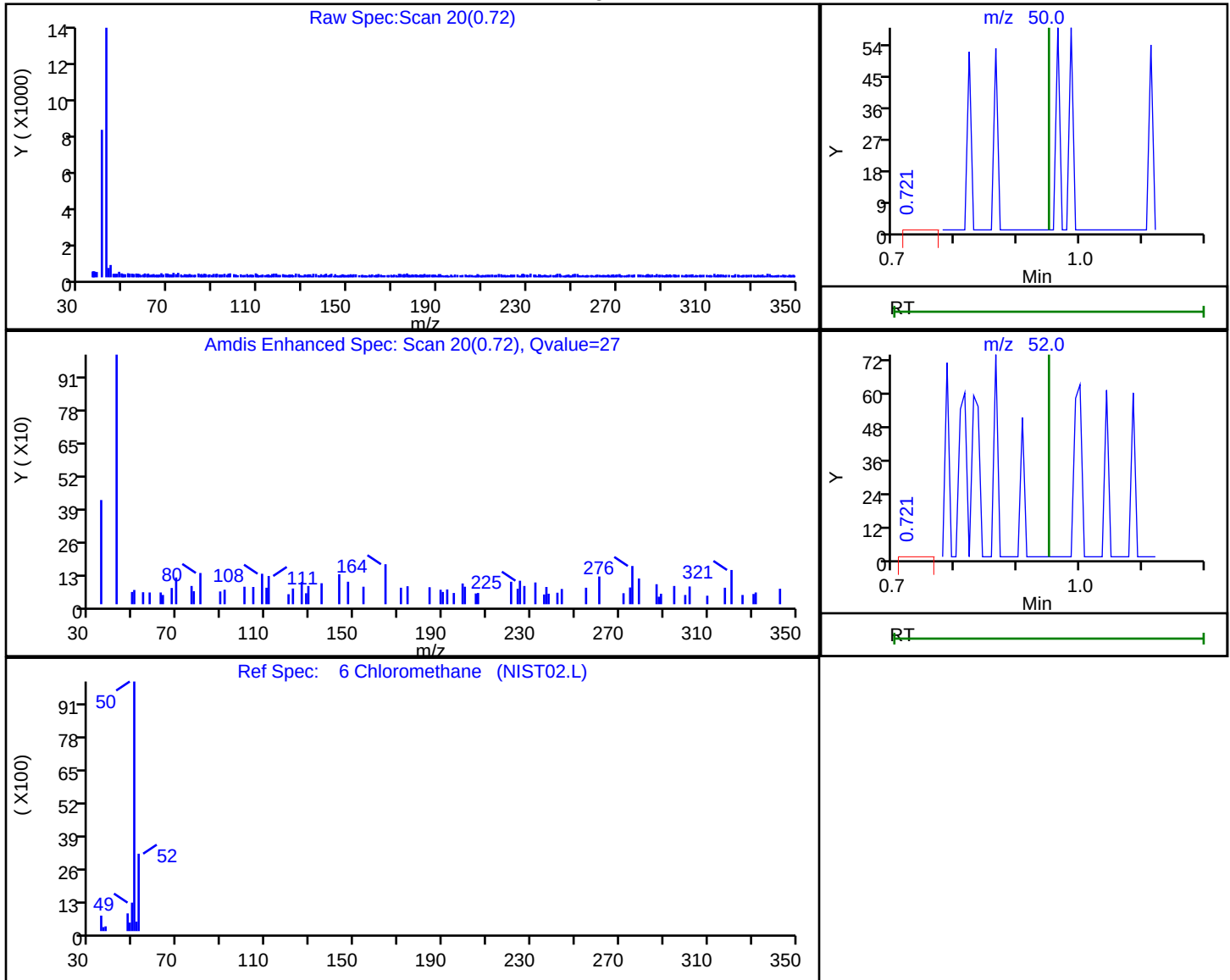
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.72	50.00	475	0.305517
0.72	52.00	853	

Reviewer: martineze, 09-Oct-2019 09:31:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67029.D

Injection Date: 09-Oct-2019 06:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-B-6

Lab Sample ID: 460-192518-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

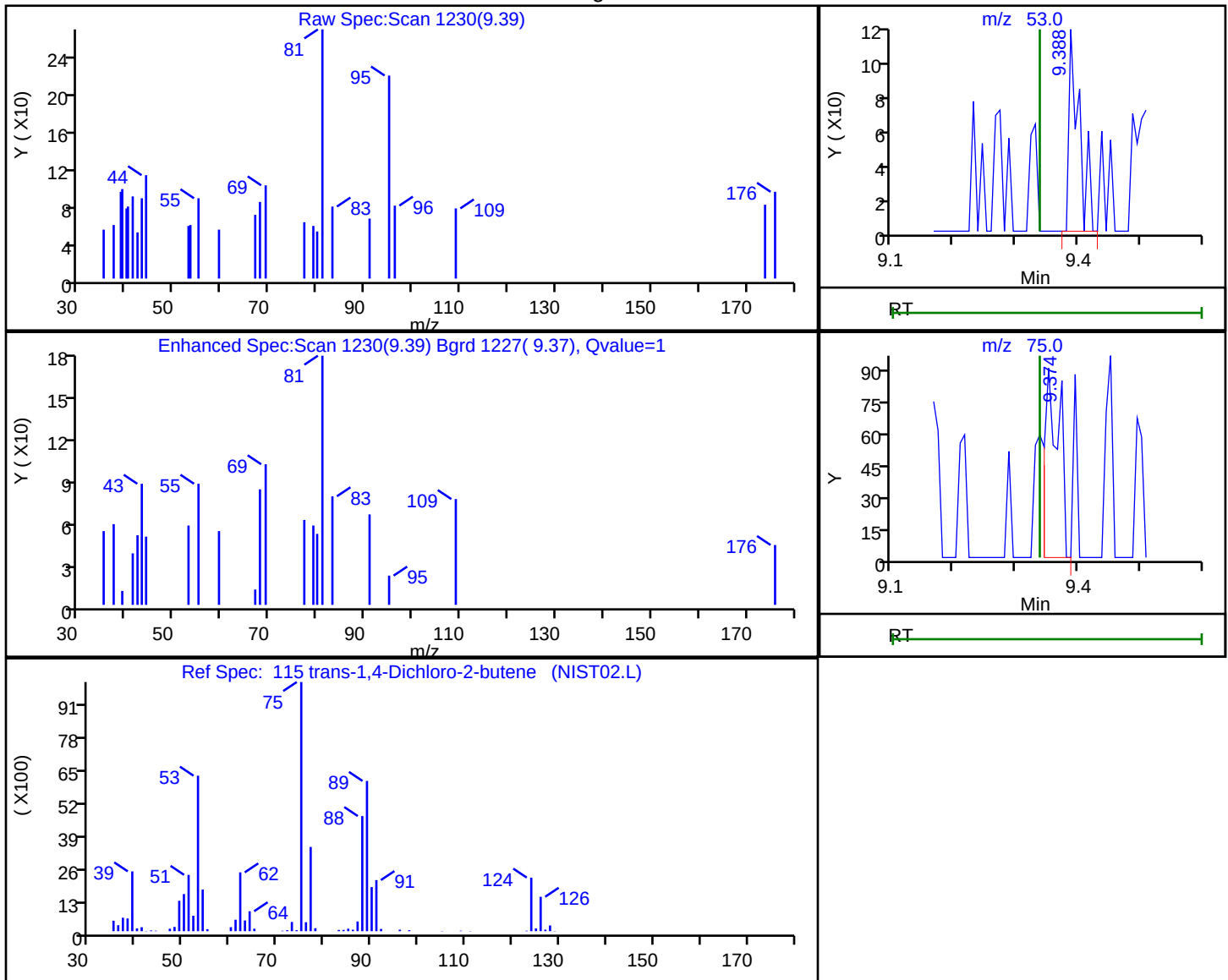
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
9.39	53.00	134	0.292320
9.37	75.00	144	

Reviewer: martineze, 09-Oct-2019 09:31:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67029.D

Injection Date: 09-Oct-2019 06:02:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-B-6

Lab Sample ID: 460-192518-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

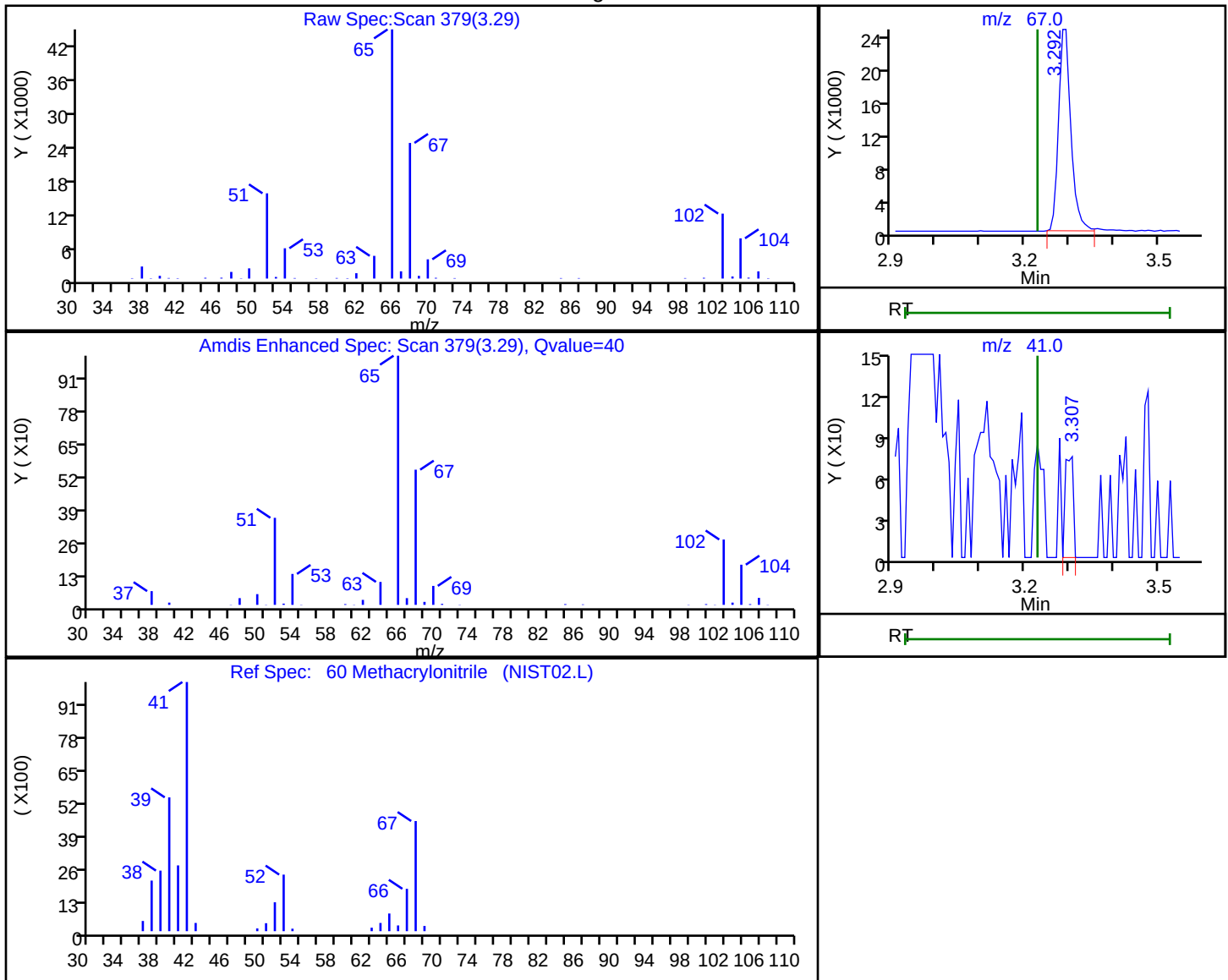
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.29	67.00	46790	76.778019
3.31	41.00	89	

Reviewer: martineze, 09-Oct-2019 09:31:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-192518-1</u>
SDG No.: _____	
Client Sample ID: <u>Trip Blank</u>	Lab Sample ID: <u>460-192518-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>P67045.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2019 11:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/09/2019 16:16</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>645726</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	4.8	J	50	4.4
75-05-8	Acetonitrile	10	U *	10	5.0
71-43-2	Benzene	1.0	U *	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U *	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	0.35	J	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	0.70	J	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	1.8	J	10	0.30
95-47-6	o-Xylene	0.54	J	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-192518-1</u>
SDG No.: _____	
Client Sample ID: <u>Trip Blank</u>	Lab Sample ID: <u>460-192518-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>P67045.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2019 11:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/09/2019 16:16</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>645726</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	2.4	J	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		74-132
460-00-4	4-Bromofluorobenzene	94		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67045.D
 Lims ID: 460-192518-A-7
 Client ID: Trip Blank
 Sample Type: Client
 Inject. Date: 09-Oct-2019 16:16:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-192518-A-7
 Misc. Info.: 460-0099009-009
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Oct-2019 10:44:14 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0337

First Level Reviewer: boykink

Date: 09-Oct-2019 19:53:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
27 Methylene Chloride	84	1.774	1.781	-0.007	87	1886	0.7018	
28 Acetone	43	1.795	1.802	-0.007	88	2007	4.79	
* 33 TBA-d9 (IS)	65	1.946	1.960	-0.014	0	124141	1000.0	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.898	-0.007	97	116382	50.6	
* 53 2-Butanone-d5	46	2.956	2.963	-0.007	0	138020	250.0	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.292	-0.007	0	106094	46.8	
* 66 Fluorobenzene	96	3.522	3.536	-0.014	100	451014	50.0	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	13932	1000.0	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.061	-0.021	99	381656	49.6	
83 Toluene	91	5.097	5.112	-0.015	90	2458	0.2808	
* 96 Chlorobenzene-d5	117	6.902	6.909	-0.007	83	326588	50.0	
98 Ethylbenzene	106	7.003	7.017	-0.014	96	1103	0.3470	
100 m-Xylene & p-Xylene	106	7.225	7.232	-0.007	0	7142	1.84	
101 o-Xylene	106	7.805	7.812	-0.007	95	2004	0.5427	
\$ 107 4-Bromofluorobenzene	174	8.665	8.664	0.001	98	131318	46.9	
* 123 1,4-Dichlorobenzene-d4	152	10.412	10.419	-0.007	93	180474	50.0	
S 140 Xylenes, Total	100				0		2.39	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00200 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67045.D

Injection Date: 09-Oct-2019 16:16:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-192518-A-7

Lab Sample ID: 460-192518-7

Worklist Smp#: 9

Client ID: Trip Blank

Purge Vol: 5.000 mL

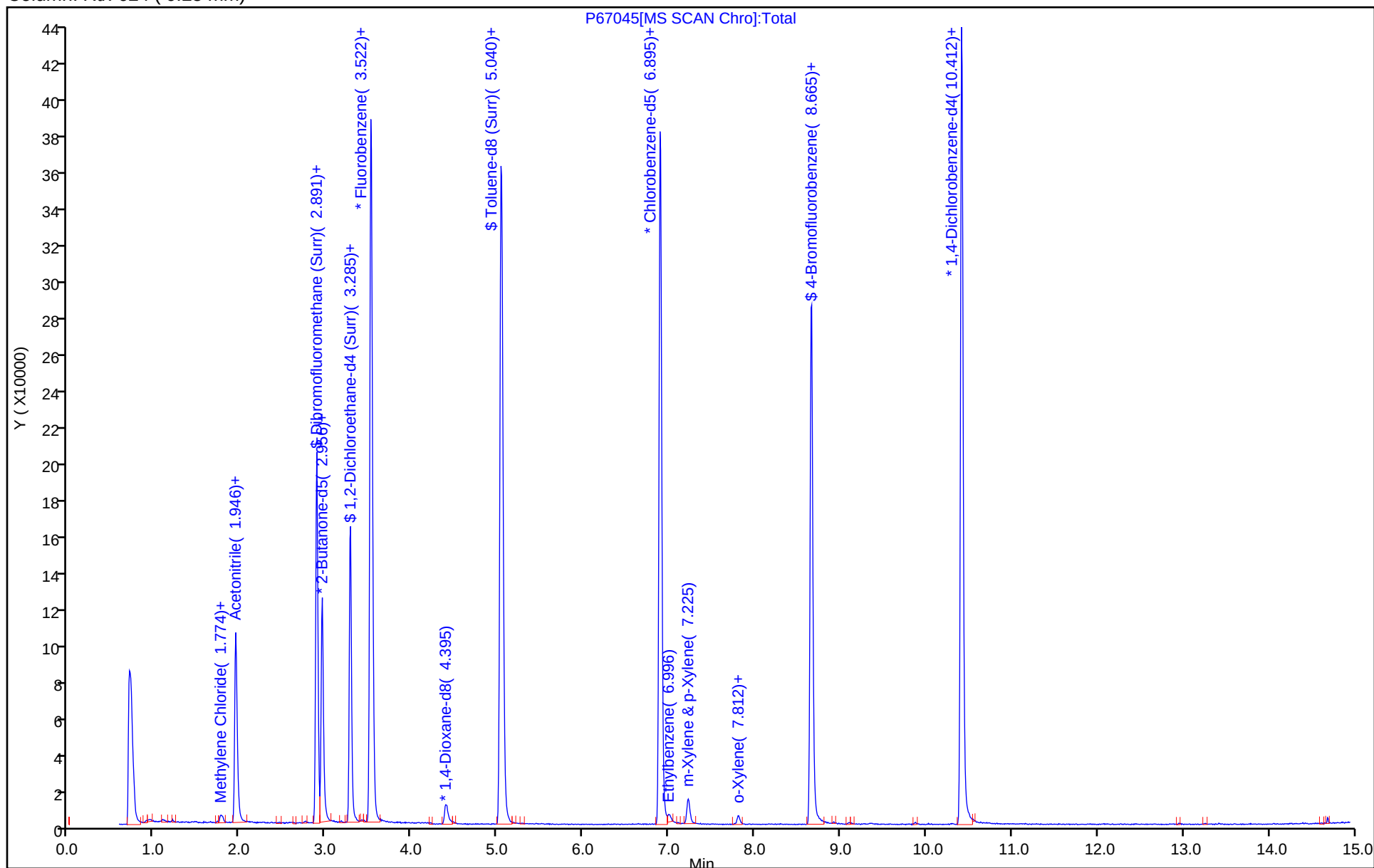
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67045.D

Injection Date: 09-Oct-2019 16:16:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-7

Lab Sample ID: 460-192518-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

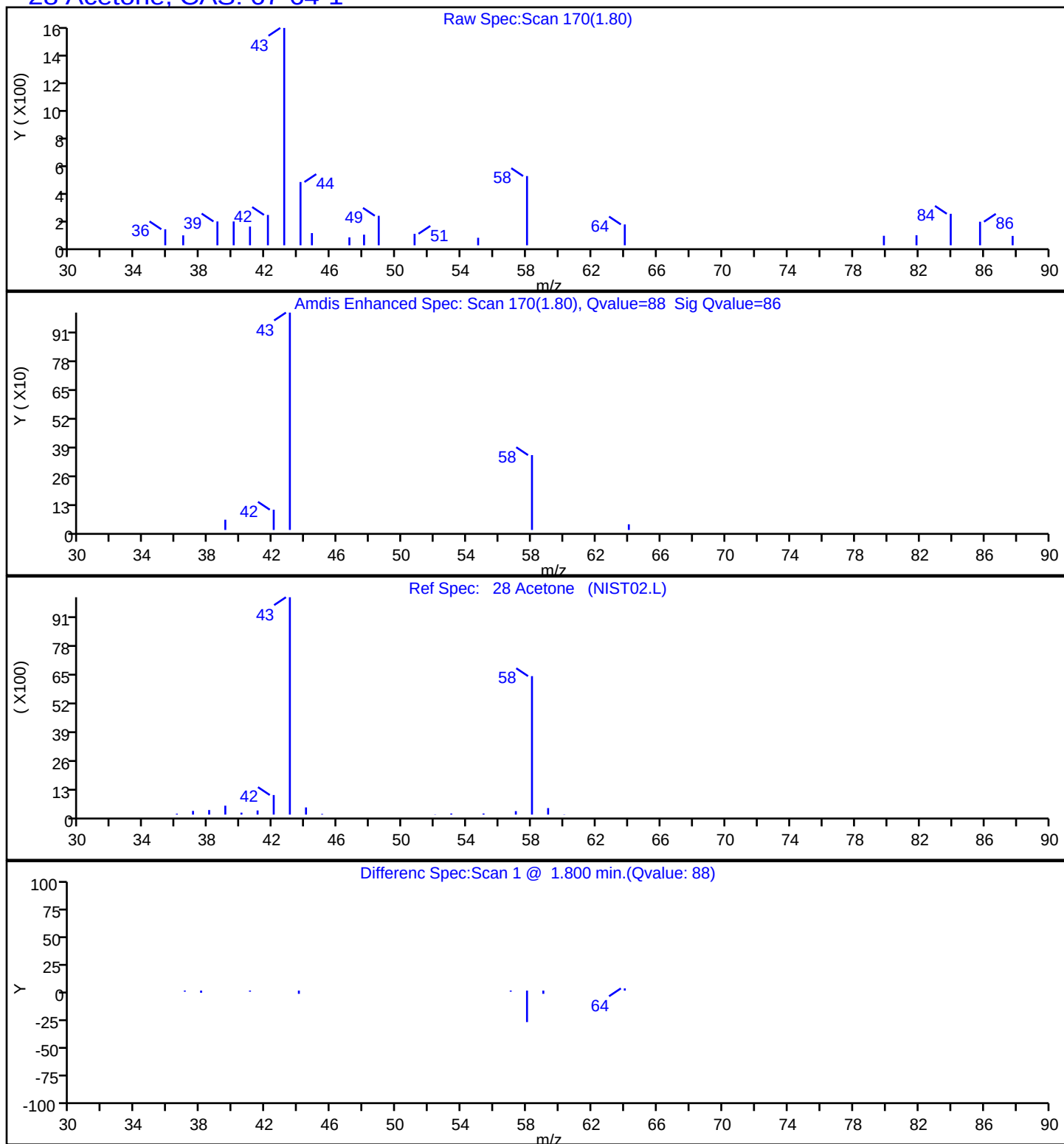
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

28 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67045.D

Injection Date: 09-Oct-2019 16:16:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-7

Lab Sample ID: 460-192518-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

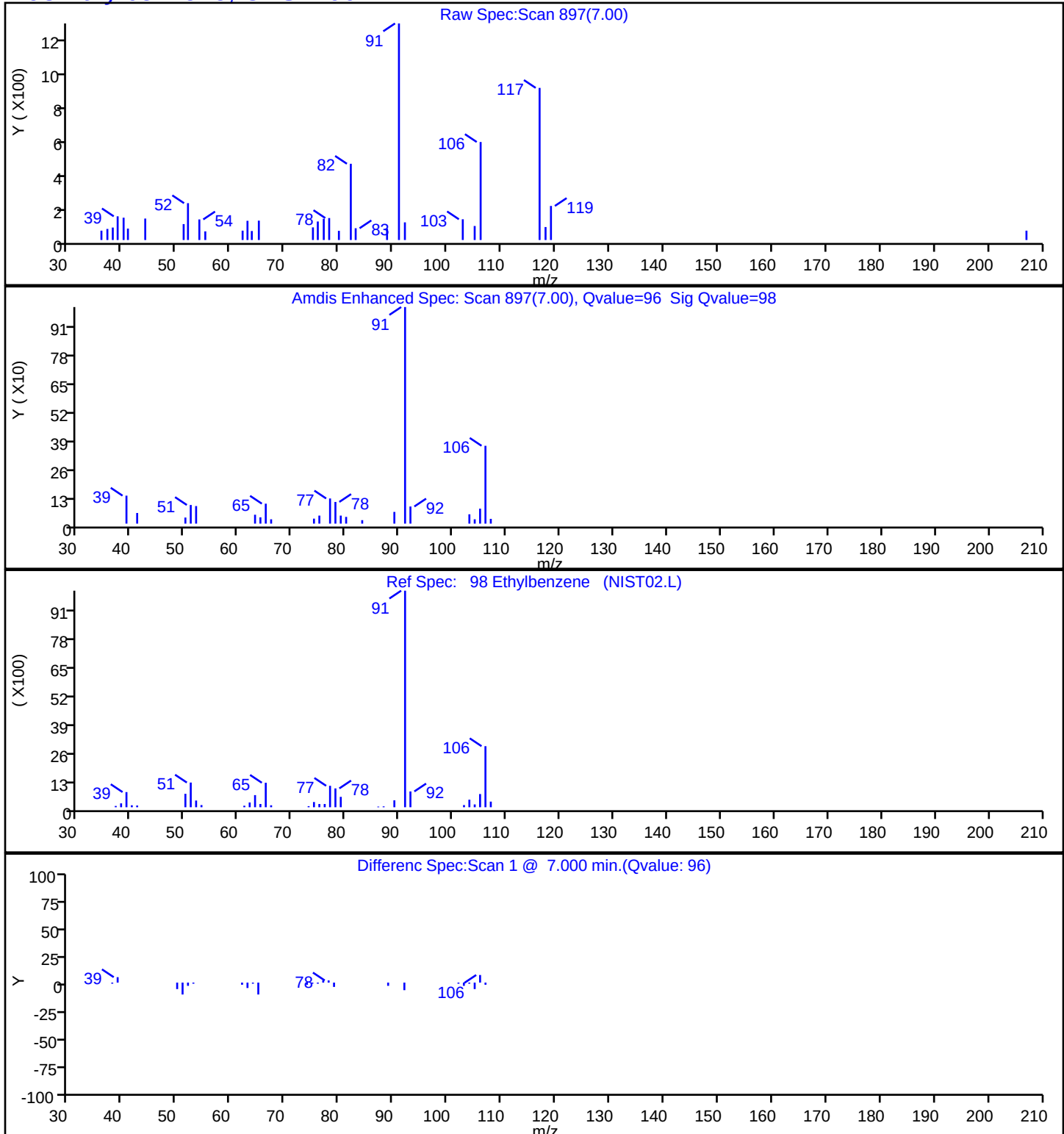
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

98 Ethylbenzene, CAS: 100-41-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67045.D

Injection Date: 09-Oct-2019 16:16:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-7

Lab Sample ID: 460-192518-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

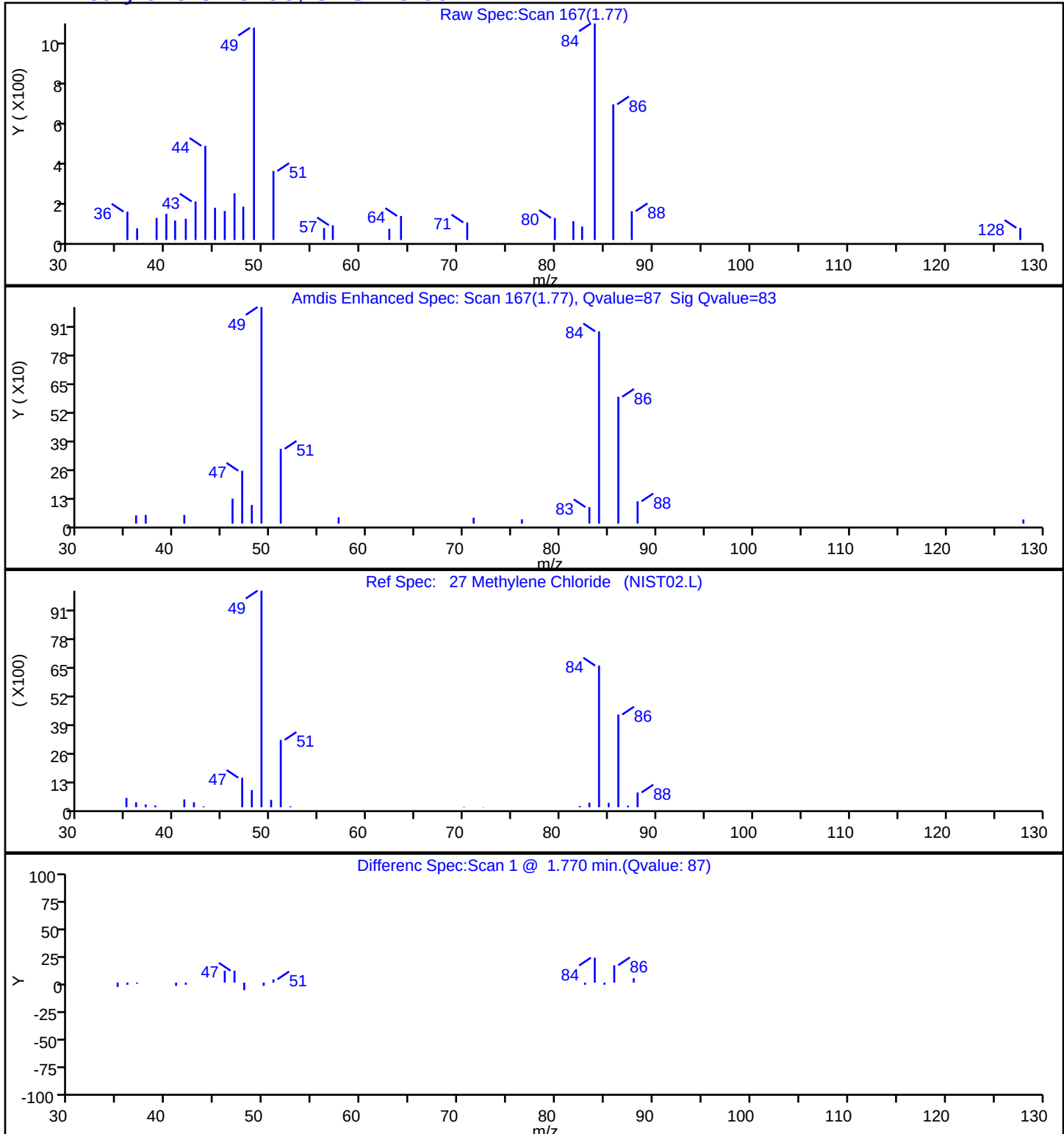
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67045.D

Injection Date: 09-Oct-2019 16:16:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-7

Lab Sample ID: 460-192518-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

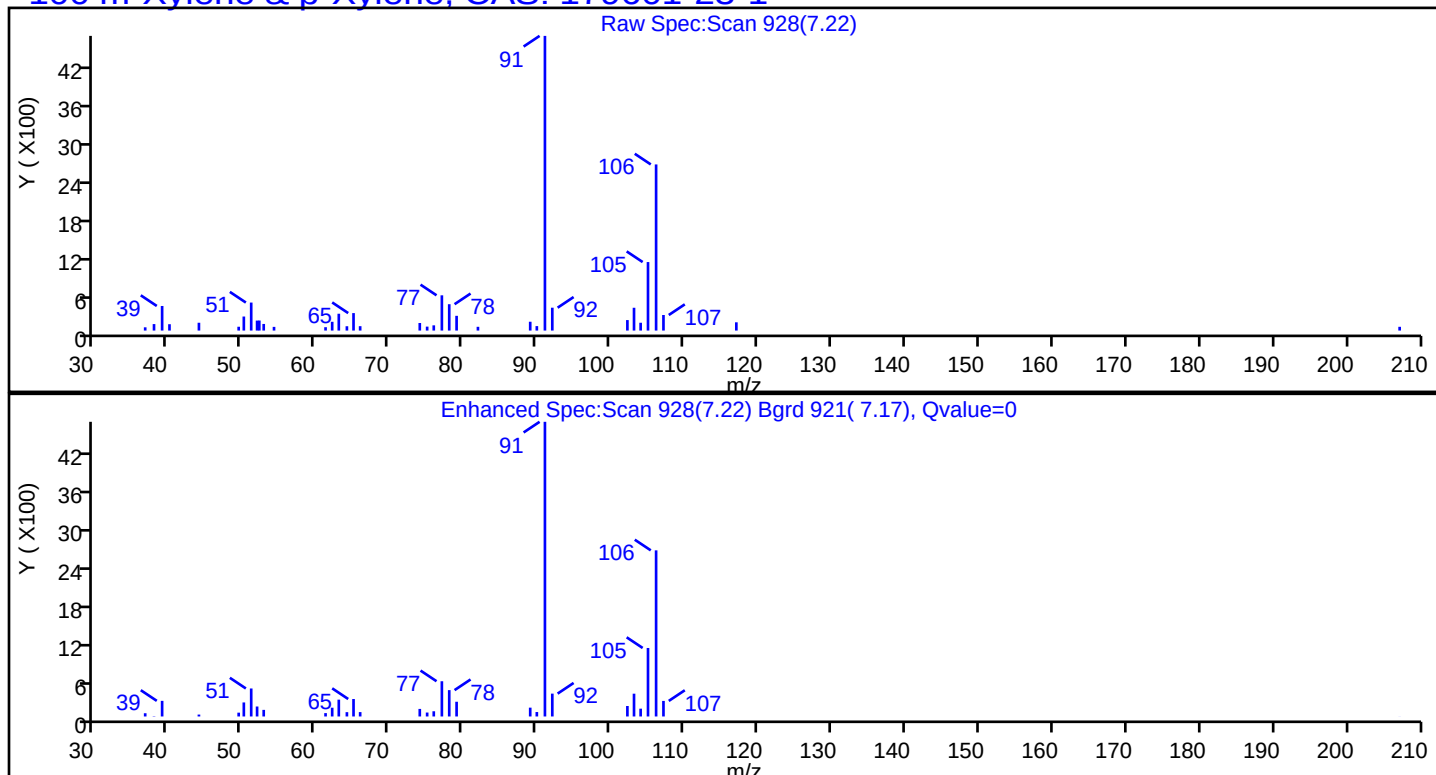
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67045.D

Injection Date: 09-Oct-2019 16:16:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-7

Lab Sample ID: 460-192518-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

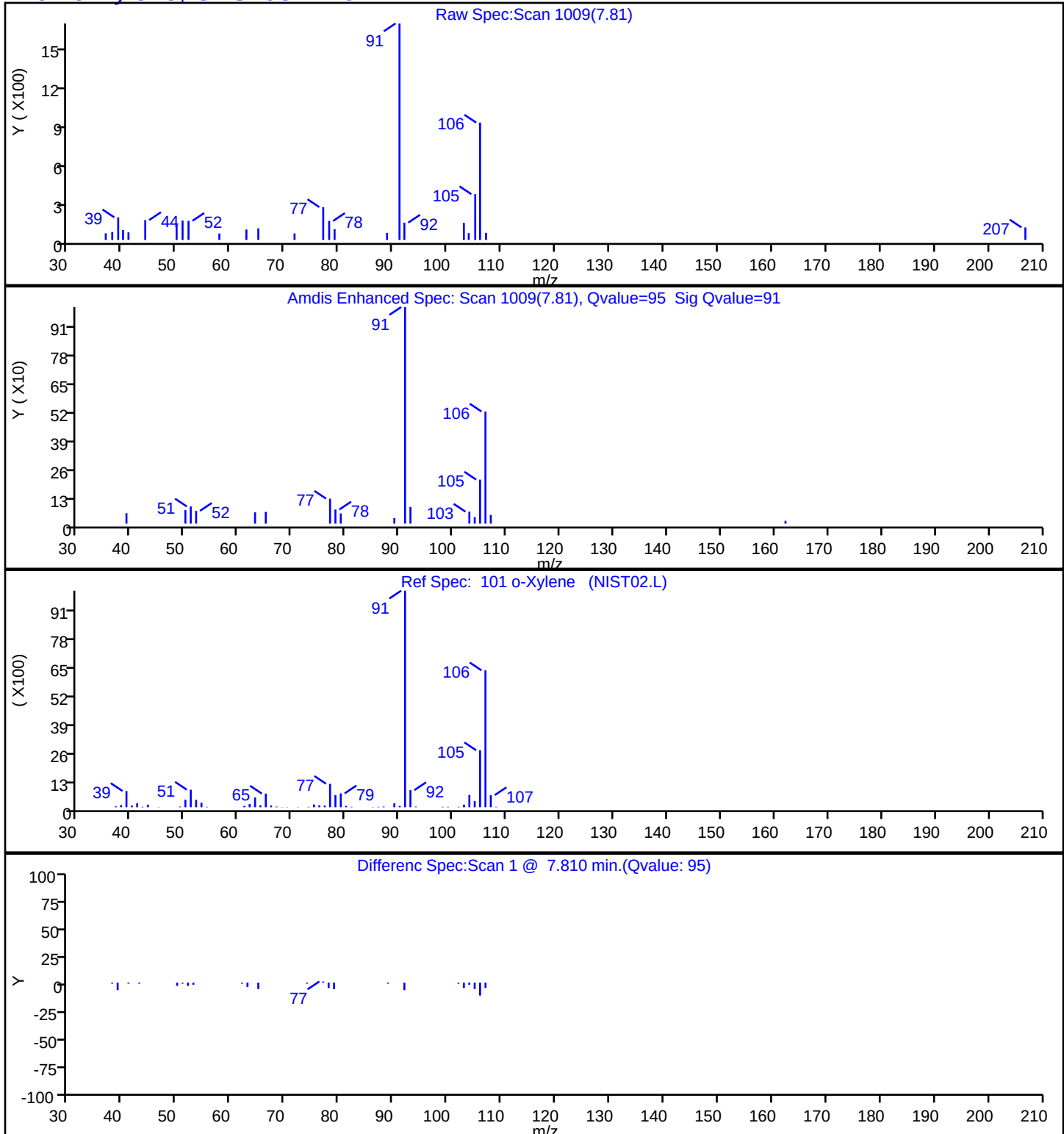
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67045.D

Injection Date: 09-Oct-2019 16:16:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-7

Lab Sample ID: 460-192518-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

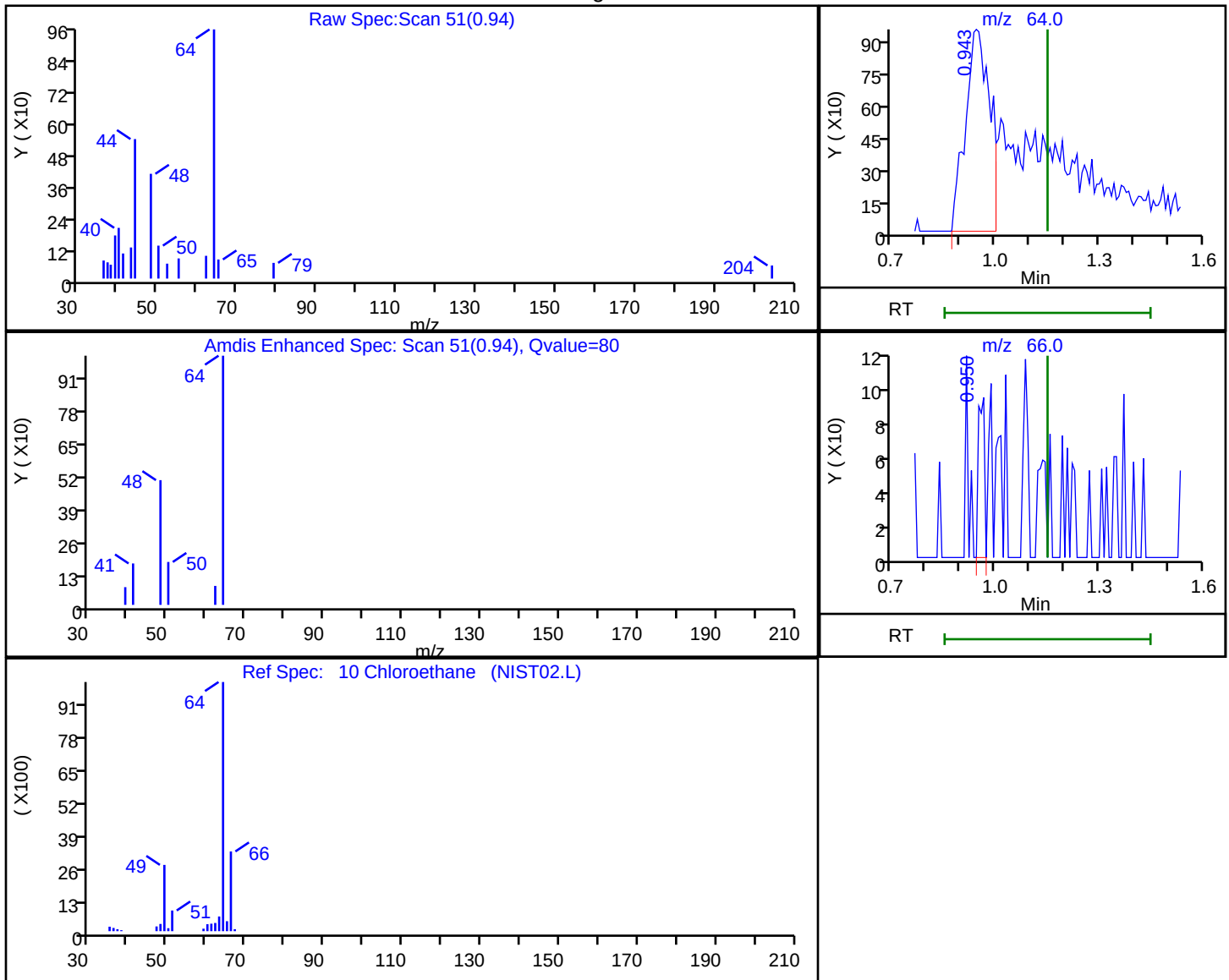
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.94	64.00	4682	2.502251
0.95	66.00	113	

Reviewer: martineze, 09-Oct-2019 15:48:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67045.D

Injection Date: 09-Oct-2019 16:16:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-7

Lab Sample ID: 460-192518-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

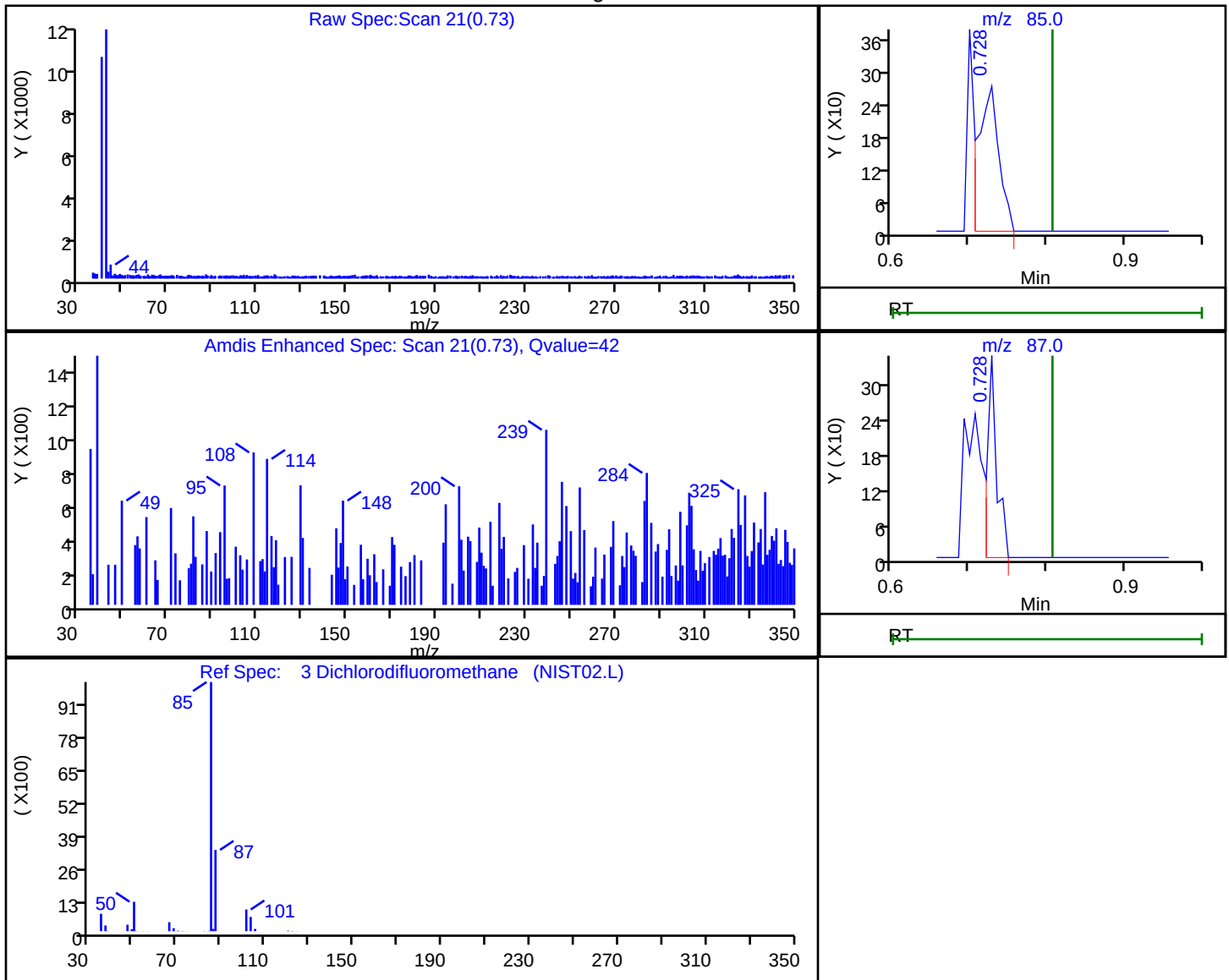
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.73	85.00	495	0.175020
0.73	87.00	291	

Reviewer: martineze, 09-Oct-2019 15:48:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67045.D

Injection Date: 09-Oct-2019 16:16:30

Instrument ID: CVOAMS13

Lims ID: 460-192518-A-7

Lab Sample ID: 460-192518-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

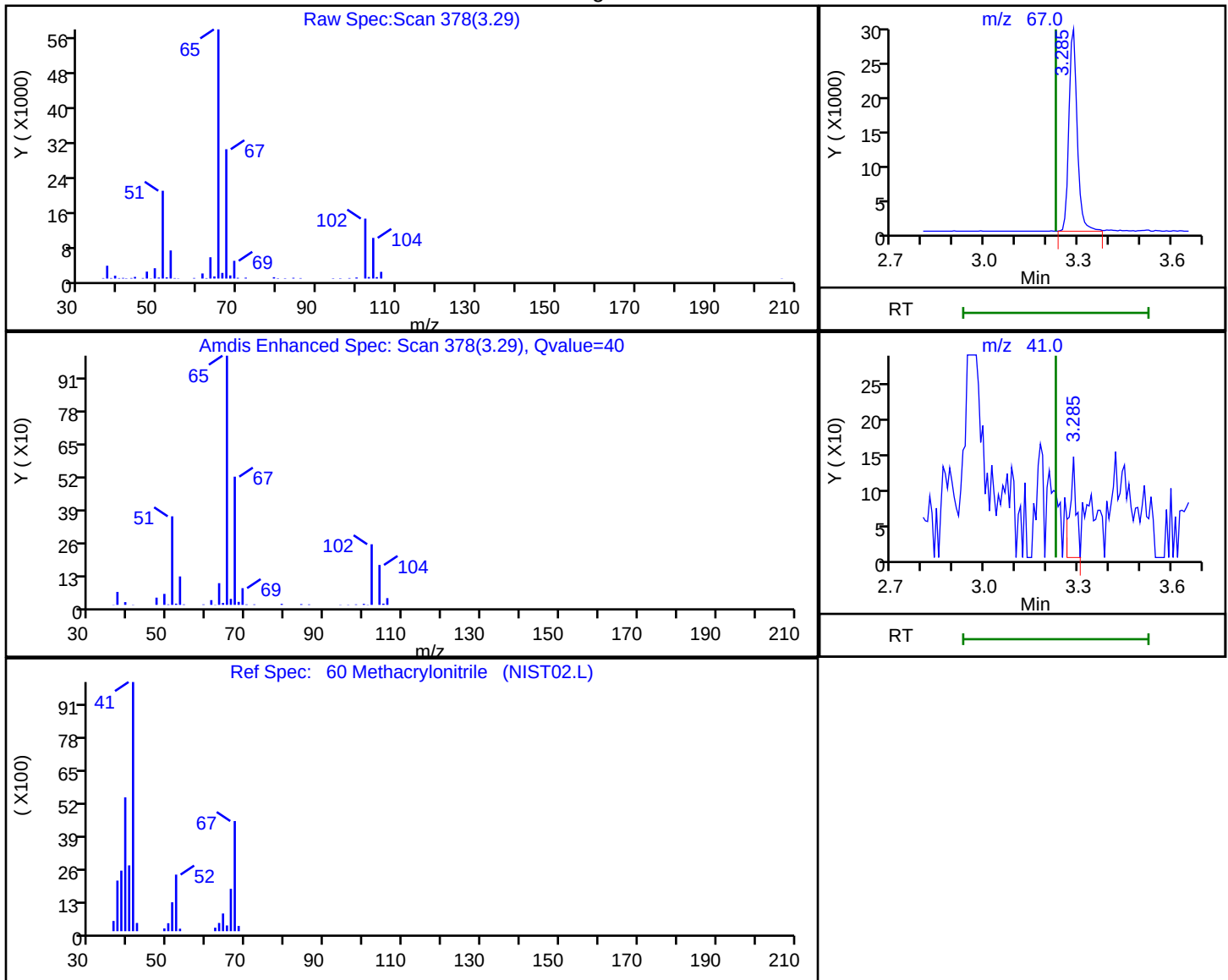
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.29	67.00	55824	80.543863
3.29	41.00	198	

Reviewer: martineze, 09-Oct-2019 15:48:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1 Analy Batch No.: 641851

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-641851/2	P66298.D
Level 2	STD05 460-641851/3	P66299.D
Level 3	STD1 460-641851/4	P66300.D
Level 4	STD5 460-641851/5	P66301.D
Level 5	STD20 460-641851/6	P66302.D
Level 6	STD50 460-641851/7	P66303.D
Level 7	STD200 460-641851/8	P66304.D
Level 8	STD500 460-641851/9	P66305.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	++++ 0.0114	0.0338 0.0049	0.0245 0.0039	0.0158	0.0077	Ave		0.0146				75.7	*	20.0			
Chlorotrifluoroethene	++++ 0.0995	0.1139 0.0912	0.1030 0.0637	0.1063	0.0865	Ave		0.0949				17.4		20.0			
Dichlorodifluoromethane	++++ 0.3524	0.3540 ++++	0.3272 ++++	0.2829	0.2512	Ave		0.3135			0.1000	14.4		20.0			
1,1-Difluoroethane	++++ 0.1030	0.1316 0.1026	0.0906 0.0847	0.1336	0.1050	Ave		0.1073				17.5		20.0			
Chlorodifluoromethane	++++ 0.0404	0.0561 0.0427	0.0606 ++++	0.0520	0.0401	Ave		0.0487				18.0		20.0			
Chloromethane	++++ 0.2273	0.1797 0.1658	0.2189 0.1411	0.2096	0.2297	Ave		0.1960			0.1000	17.4		20.0			
Vinyl chloride	++++ 0.2847	0.2940 0.2207	0.3005 0.1835	0.2616	0.2719	Ave		0.2596			0.1000	16.5		20.0			
Butadiene	0.3171 0.2353	0.3079 0.1737	0.2476 0.1382	0.1991	0.2015	QuaF		0.2035	-0.000131						0.9990		0.9900
Bromomethane	++++ 4.4023	3.3034 3.8480	3.2336 3.2919	3.3771	4.2391	Ave		3.6708			0.1000	13.4		20.0			
Chloroethane	++++ 0.2266	0.2044 0.2073	0.1965 ++++	0.1800	0.2297	Ave		0.2074			0.1000	9.0		20.0			
Pentane	++++ 2.1768	4.0564 2.3088	2.4038 2.2403	1.6867	1.8807	QuaF		2.3199	-0.000078						1.0000		0.9900
Trichlorofluoromethane	++++ 0.5358	0.4653 0.4346	0.4522 0.3576	0.3899	0.4140	Ave		0.4356			0.1000	13.2		20.0			
Dichlorofluoromethane	++++ 0.4902	0.4701 0.4719	0.4023 0.4432	0.4076	0.4629	Ave		0.4497				7.5		20.0			
2-Methyl-1,3-butadiene	++++ 0.3139	0.3237 0.3440	0.3136 0.3458	0.2829	0.3027	Ave		0.3181				7.0		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.: 460-192518-1 Analy Batch No.: 641851
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl ether	++++ 0.1943	0.2026 0.2113	0.1824 0.2182	0.1967	0.1952	Ave		0.2001				5.9		20.0			
Ethanol	++++ 0.0525	0.0126 0.0509	0.0257 0.0504	0.0334	0.0527	QuaF		0.0514	0						1.0000		0.9900
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.3205	0.4423 0.3601	0.3843 0.3110	0.3742	0.3072	Ave		0.3571				13.7		20.0			
1,1-Dichloroethene	++++ 0.2439	0.3264 0.2733	0.2309 0.2792	0.2468	0.2498	Ave		0.2643			0.1000	12.2		20.0			
Carbon disulfide	++++ 0.8189	0.8720 0.9349	0.7860 0.9354	0.8177	0.8303	Ave		0.8565			0.1000	6.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2389	0.2695 0.2749	0.2228 0.2750	0.2121	0.2190	Ave		0.2446			0.1000	11.4		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.3634	0.4411 0.4101	0.3804 0.3636	0.4124	0.3483	Ave		0.3885				8.6		20.0			
Iodomethane	++++ 0.5696	0.4158 0.6163	0.4171 0.5852	0.5252	0.5756	Ave		0.5293				15.4		20.0			
Cyclopentene	++++ 0.5453	0.6253 0.5772	0.5603 0.5548	0.5235	0.5414	Ave		0.5611				5.9		20.0			
Acrolein	++++ 0.8848	1.4354 0.8886	1.0142 0.8702	0.8345	0.7966	Lin2	1.1151	0.8264							0.9930		0.9900
Allyl chloride	++++ 0.1514	0.1564 0.1657	0.1534 0.1565	0.1624	0.1587	Ave		0.1578				3.2		20.0			
Isopropyl alcohol	++++ 0.5927	0.8408 0.6052	0.8799 0.5977	0.6297	0.6104	Ave		0.6795				18.3		20.0			
Methylene Chloride	++++ 0.2805	0.3367 0.3007	0.2909 0.2938	0.2852	0.2978	Ave		0.2979			0.1000	6.2		20.0			
Acetone	++++ 0.7371	2.0839 0.7724	1.3895 0.7881	0.8229	0.7872	QuaF		0.7589	0.0000117		0.0500				1.0000		0.9900
trans-1,2-Dichloroethene	++++ 0.2913	0.2816 0.3154	0.2399 0.3106	0.3008	0.3007	Ave		0.2915			0.1000	8.7		20.0			
Methyl acetate	++++ 6.5433	5.4114 6.8762	4.7418 6.0674	6.7370	6.7886	Ave		6.1665			0.1000	13.2		20.0			
Hexane	++++ 0.0399	0.0492 0.0454	0.0449 0.0434	0.0384	0.0399	Ave		0.0430				8.9		20.0			
Methyl tert-butyl ether	++++ 0.7347	0.7245 0.8003	0.7274 0.8071	0.7421	0.7749	Ave		0.7587			0.1000	4.6		20.0			
2-Methyl-2-propanol	++++ 1.0012	1.4879 1.0279	1.0893 0.9639	1.0064	1.0524	Lin2	2.2078	0.9865							0.9950		0.9900
Acetonitrile	++++ 0.9061	0.9476 0.9340	0.9918 0.8414	0.8670	0.9163	Ave		0.9149				5.5		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.: 460-192518-1 Analy Batch No.: 641851
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Isopropyl ether	++++ 0.6348	0.5994 0.6650	0.5879 0.6824	0.6316	0.6603	Ave		0.6374				5.5		20.0			
2-Chloro-1,3-butadiene	++++ 0.2102	0.1993 0.2298	0.2025 0.2385	0.2074	0.2132	Ave		0.2144				6.7		20.0			
1,1-Dichloroethane	++++ 0.3784	0.3708 0.4197	0.3674 0.4363	0.3862	0.3933	Ave		0.3932			0.2000	6.6		20.0			
Acrylonitrile	0.0491 0.0631	0.0567 0.0697	0.0527 0.0691	0.0603	0.0634	Ave		0.0605				12.2		20.0			
Tert-butyl ethyl ether	++++ 0.6629	0.6410 0.7166	0.5798 0.7502	0.6652	0.6807	Ave		0.6709				8.1		20.0			
Vinyl acetate	++++ 0.4209	0.3643 0.4762	0.3421 0.4763	0.4019	0.4225	Ave		0.4149				12.3		20.0			
cis-1,2-Dichloroethene	++++ 0.2600	0.2569 0.2817	0.2446 0.2806	0.2591	0.2710	Ave		0.2648			0.1000	5.1		20.0			
2,2-Dichloropropane	++++ 0.3134	0.3334 0.3379	0.3103 0.3301	0.3201	0.3235	Ave		0.3241				3.2		20.0			
Cyclohexane	++++ 0.2534	0.2967 0.2908	0.2376 0.2937	0.2181	0.2375	Ave		0.2611			0.1000	12.3		20.0			
Chlorobromomethane	++++ 0.1467	0.1492 0.1622	0.1363 0.1646	0.1497	0.1490	Ave		0.1511				6.4		20.0			
Chloroform	++++ 0.4037	0.4190 0.4389	0.3843 0.4329	0.4112	0.4213	Ave		0.4159			0.2000	4.4		20.0			
Carbon tetrachloride	++++ 0.3295	0.3211 0.3828	0.2835 0.3866	0.3166	0.3308	Ave		0.3358			0.1000	11.0		20.0			
Ethyl acetate	++++ 0.3368	0.2703 0.3563	0.2861 0.3665	0.3122	0.3300	Ave		0.3226				11.0		20.0			
Methyl acrylate	++++ 0.1523	0.1710 0.1633	0.1542 0.1712	0.1459	0.1565	Ave		0.1592				6.1		20.0			
Tetrahydrofuran	++++ 0.9762	1.2632 1.0452	0.9792 1.0568	0.9893	1.0018	Ave		1.0445				9.7		20.0			
1,1,1-Trichloroethane	++++ 0.3680	0.4113 0.4041	0.3412 0.3988	0.3669	0.3748	Ave		0.3807			0.1000	6.6		20.0			
2-Butanone (MEK)	++++ 0.3395	0.3706 0.3683	0.3621 0.3851	0.3537	0.3402	Ave		0.3599			0.0500	4.6		20.0			
1,1-Dichloropropene	++++ 0.2981	0.3568 0.3307	0.3102 0.3306	0.3057	0.3062	Ave		0.3198				6.4		20.0			
2,2,4-Trimethylpentane	++++ 0.2816	0.3885 0.3257	0.3146 0.3132	0.2570	0.2741	Ave		0.3078				14.1		20.0			
n-Heptane	++++ 0.0673	0.0576 0.0864	0.0544 ++++	0.0607	0.0656	Ave		0.0653				17.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1 Analy Batch No.: 641851
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzene	++++ 1.1236	1.0583 1.2521	1.0702 1.2538	1.1183	1.1562	Ave		1.1475			0.5000	6.9		20.0			
Propionitrile	++++ 1.1914	1.0076 1.3306	1.1416 1.4056	1.0657	1.1688	Ave		1.1873				11.8		20.0			
Methacrylonitrile	++++ 0.0778	0.0633 0.0875	0.0611 0.0954	0.0735	0.0792	Ave		0.0768				16.0		20.0			
Tert-amyl methyl ether	++++ 0.6481	0.5886 0.6823	0.5739 0.6976	0.6403	0.6628	Ave		0.6420				7.2		20.0			
1,2-Dichloroethane	++++ 0.2941	0.3660 0.3201	0.2927 0.3241	0.2860	0.2962	Ave		0.3113			0.1000	9.0		20.0			
Isobutyl alcohol	++++ 0.3272	0.3262 0.3693	0.3102 0.3764	0.3117	0.3164	Ave		0.3339				8.2		20.0			
Isopropyl acetate	++++ 0.3408	0.3149 0.3504	0.3563 0.3506	0.3514	0.3470	Ave		0.3445				4.0		20.0			
Methylcyclohexane	++++ 0.2333	0.2710 0.2630	0.2669 0.2643	0.2010	0.2161	Ave		0.2451			0.1000	11.5		20.0			
Trichloroethene	++++ 0.2940	0.2799 0.3201	0.2798 0.3233	0.2871	0.2979	Ave		0.2974			0.2000	6.0		20.0			
Dibromomethane	++++ 0.1482	0.1322 0.1627	0.1273 0.1636	0.1495	0.1523	Ave		0.1480				9.4		20.0			
n-Butanol	++++ 0.2249	0.1428 0.2446	0.1711 ++++	0.2011	0.2276	Ave		0.2020				19.1		20.0			
1,2-Dichloropropane	++++ 0.2160	0.2336 0.2347	0.1955 0.2341	0.2171	0.2172	Ave		0.2212			0.1000	6.4		20.0			
Bromodichloromethane	++++ 0.3073	0.3110 0.3477	0.2693 0.3547	0.3018	0.3086	Ave		0.3143			0.2000	9.2		20.0			
Ethyl acrylate	++++ 0.2286	0.1672 0.2404	0.1271 0.2472	0.2143	0.2274	QuaF		0.2345	0.0000255						1.0000		0.9900
Methyl methacrylate	++++ 0.0629	0.0547 0.0656	0.0555 0.0671	0.0626	0.0670	Ave		0.0622				8.3		20.0			
1,4-Dioxane	++++ 1.1494	1.0683 1.1717	1.2116 1.1493	1.2604	1.1548	Ave		1.1665				5.1		20.0			
n-Propyl acetate	++++ 0.2296	0.2177 0.2394	0.1962 0.2409	0.2219	0.2288	Ave		0.2249				6.8		20.0			
2-Chloroethyl vinyl ether	++++ 0.1297	0.1222 0.1377	0.1099 0.1400	0.1220	0.1281	Ave		0.1271				8.1		20.0			
cis-1,3-Dichloropropene	++++ 0.4494	0.3953 0.4958	0.3944 0.4951	0.4213	0.4637	Ave		0.4450			0.2000	9.6		20.0			
Toluene	++++ 1.2954	1.4136 1.3878	1.2695 1.3628	1.3050	1.3464	Ave		1.3401			0.4000	3.9		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.: 460-192518-1 Analy Batch No.: 641851

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	0.1905 0.2439	0.1698 0.2701	0.1892 0.2765	0.2185	0.2428	Ave		0.2252				17.5		20.0			
2-Nitropropane	++++ 0.0488	0.0671 0.0524	0.0487 0.0540	0.0447	0.0505	Ave		0.0523				13.7		20.0			
Tetrachloroethene	++++ 0.3558	0.3250 0.3828	0.3391 0.3695	0.3377	0.3568	Ave		0.3524			0.2000	5.7		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.4437	2.1370 2.6381	2.1054 2.6313	2.3365	2.4429	Ave		2.3907			0.0500	8.9		20.0			
trans-1,3-Dichloropropene	++++ 0.4154	0.3199 0.4678	0.2802 0.4783	0.3871	0.4151	Ave		0.3948			0.1000	18.5		20.0			
1,1,2-Trichloroethane	++++ 0.1986	0.1641 0.2157	0.1679 0.2133	0.2099	0.2103	Ave		0.1971			0.1000	11.1		20.0			
Ethyl methacrylate	++++ 0.2582	0.3158 0.2861	0.2024 0.2860	0.2382	0.2664	Ave		0.2647				13.9		20.0			
Dibromochloromethane	++++ 0.3332	0.2613 0.3712	0.2642 0.3714	0.3060	0.3282	Ave		0.3194			0.1000	14.2		20.0			
1,3-Dichloropropene	++++ 0.4080	0.3324 0.4376	0.3326 0.4308	0.4034	0.4166	Ave		0.3945				11.2		20.0			
1,2-Dibromoethane	++++ 0.2769	0.1832 0.2960	0.2019 0.2908	0.2568	0.2808	Ave		0.2552			0.1000	17.6		20.0			
n-Butyl acetate	++++ 0.3200	0.3227 0.3285	0.2876 0.3375	0.3017	0.3160	Ave		0.3163				5.3		20.0			
2-Hexanone	++++ 1.6757	1.6255 1.7892	1.2819 1.7962	1.6043	1.6795	Ave		1.6361			0.0500	10.6		20.0			
Chlorobenzene	++++ 0.9142	0.8868 0.9821	0.8493 0.9599	0.8959	0.9368	Ave		0.9179			0.5000	5.0		20.0			
Ethylbenzene	++++ 0.4721	0.4783 0.5163	0.4610 0.5215	0.4702	0.4872	Ave		0.4867			0.1000	4.8		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.3385	0.2602 0.3783	0.2913 0.3866	0.3342	0.3435	Ave		0.3332				13.5		20.0			
m&p-Xylene	++++ 0.5828	0.6013 0.6221	0.5477 0.6127	0.5853	0.6000	Ave		0.5931			0.1000	4.1		20.0			
o-Xylene	++++ 0.5677	0.5645 0.6039	0.4904 0.5982	0.5470	0.5854	Ave		0.5653			0.3000	6.8		20.0			
Bromoform	++++ 0.2186	0.1586 ++++	0.1518 ++++	0.1855	0.2100	Ave		0.1849			0.1000	16.1		20.0			
Styrene	++++ 0.9587	0.8417 1.0399	0.8212 1.0307	0.8902	0.9743	Ave		0.9367			0.3000	9.3		20.0			
n-Butyl acrylate	++++ 0.1931	0.1465 0.2028	0.1626 0.2052	0.1815	0.1977	Ave		0.1842				12.0		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.: 460-192518-1 Analy Batch No.: 641851
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	++++ 1.3099	1.2882 1.4109	1.2256 1.3744	1.3040	1.3561	Ave		1.3242			0.1000	4.6		20.0			
Amyl acetate (mixed isomers)	++++ 0.6825	0.7707 0.7074	0.6070 0.7059	0.6509	0.6714	Ave		0.6851				7.5		20.0			
Bromobenzene	++++ 0.7500	0.6461 0.7988	0.6927 0.7832	0.7242	0.7630	Ave		0.7369				7.3		20.0			
N-Propylbenzene	++++ 2.3823	2.3140 2.5421	2.2686 2.4587	2.4580	2.4690	Ave		2.4132				4.0		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.4889	0.5367 0.5288	0.4561 0.5423	0.5082	0.5067	Ave		0.5097			0.3000	5.9		20.0			
2-Chlorotoluene	++++ 1.8147	1.8974 1.9500	1.7268 1.9782	1.8283	1.8555	Ave		1.8644				4.6		20.0			
4-Ethyltoluene	++++ 2.2421	2.2236 2.3161	2.0445 2.3169	2.2223	2.2979	Ave		2.2376				4.2		20.0			
1,2,3-Trichloropropane	++++ 0.1630	0.1756 0.1723	0.1718 0.1697	0.1660	0.1716	Ave		0.1700				2.5		20.0			
1,3,5-Trimethylbenzene	++++ 1.8514	1.8762 1.9544	1.7545 1.8951	1.8245	1.9152	Ave		1.8673				3.5		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.1329	0.1012 0.1485	0.1181 0.1545	0.1034	0.1285	Ave		0.1267				16.3		20.0			
4-Chlorotoluene	++++ 1.6981	1.4942 1.8203	1.5150 1.7920	1.6827	1.7453	Ave		1.6782				7.6		20.0			
tert-Butylbenzene	++++ 1.5086	1.5273 1.5692	1.3909 1.5220	1.5105	1.5500	Ave		1.5112				3.8		20.0			
1,2,4-Trimethylbenzene	++++ 1.9764	1.9665 2.1546	1.8140 2.1840	1.9209	2.0188	Ave		2.0050				6.5		20.0			
Butyl Methacrylate	++++ 0.7139	0.6018 0.7742	0.5111 0.8186	0.6624	0.7105	Ave		0.6847				15.2		20.0			
sec-Butylbenzene	++++ 1.9304	1.9595 2.0343	1.8021 1.9668	1.9108	1.9635	Ave		1.9382				3.7		20.0			
1,3-Dichlorobenzene	++++ 1.3066	1.1337 1.4036	1.0949 1.3907	1.2448	1.3296	Ave		1.2720			0.6000	9.5		20.0			
4-Isopropyltoluene	++++ 1.7827	1.9260 1.9118	1.7445 1.8996	1.7846	1.8363	Ave		1.8408				3.9		20.0			
1,4-Dichlorobenzene	++++ 1.3550	1.6203 1.4307	1.3055 1.4023	1.3477	1.3696	Ave		1.4045			0.5000	7.3		20.0			
1,2,3-Trimethylbenzene	++++ 2.0973	2.1964 2.1323	1.8305 2.1120	2.0807	2.1618	Ave		2.0873				5.7		20.0			
Indan	++++ 2.2440	2.0897 2.2694	2.0365 2.2505	2.1799	2.3070	Ave		2.1967				4.6		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.: 460-192518-1 Analy Batch No.: 641851
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzyl chloride	++++ 0.2294	0.2187 0.2483	0.1751 0.2546	0.2325	0.2337	Ave		0.2275				11.4		20.0			
p-Diethylbenzene	++++ 0.9619	0.9749 0.9864	0.9010 0.9733	0.9552	0.9823	Ave		0.9621				3.0		20.0			
n-Butylbenzene	++++ 1.3502	1.5109 1.4423	1.3325 1.3978	1.3548	1.3877	Ave		1.3966				4.5		20.0			
1,2-Dichlorobenzene	++++ 1.3059	1.1687 1.3882	1.0930 1.3574	1.2549	1.3360	Ave		1.2720			0.4000	8.4		20.0			
1,2,4,5-Tetramethylbenzene	++++ 1.7800	1.7147 1.8047	1.5011 1.7873	1.7037	1.8097	Ave		1.7287				6.3		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1233	0.0807 0.1358	0.0924 0.1356	0.1173	0.1222	Lin2	-0.026	0.1275			0.0500				0.9960		0.9900
1,3,5-Trichlorobenzene	++++ 0.8019	0.7636 0.8303	0.6632 0.8204	0.7288	0.7991	Ave		0.7725				7.7		20.0			
1,2,4-Trichlorobenzene	++++ 0.7550	0.6360 0.8301	0.6360 0.8363	0.6833	0.7551	Ave		0.7331			0.2000	11.5		20.0			
Hexachlorobutadiene	++++ 0.2440	0.2838 0.2845	0.2207 0.2914	0.2380	0.2371	Ave		0.2571				11.1		20.0			
Naphthalene	++++ 1.6881	1.7776 1.7734	1.5699 1.7618	1.5846	1.7127	Ave		1.6954				5.1		20.0			
1,2,3-Trichlorobenzene	++++ 0.6809	0.7030 0.7296	0.5568 0.7164	0.6476	0.6731	Ave		0.6725				8.6		20.0			
Dibromofluoromethane (Surr)	0.2477 0.2540	0.2500 0.2595	0.2545 0.2683	0.2531	0.2529	Ave		0.2550				2.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2388 0.2446	0.2412 0.2634	0.2434 0.2854	0.2434	0.2492	Ave		0.2512				6.3		20.0			
Toluene-d8 (Surr)	1.1814 1.1879	1.2042 1.1618	1.2032 1.1214	1.1842	1.1892	Ave		1.1791				2.3		20.0			
4-Bromofluorobenzene	0.4084 0.4419	0.4189 0.4416	0.4227 0.4376	0.4192	0.4386	Ave		0.4286				3.0		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.: 460-192518-1 Analy Batch No.: 641851

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-641851/2	P66298.D
Level 2	STD05 460-641851/3	P66299.D
Level 3	STD1 460-641851/4	P66300.D
Level 4	STD5 460-641851/5	P66301.D
Level 5	STD20 460-641851/6	P66302.D
Level 6	STD50 460-641851/7	P66303.D
Level 7	STD200 460-641851/8	P66304.D
Level 8	STD500 460-641851/9	P66305.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Monochloropentafluoroethane	FB	Ave	++++ 6921	197 12410	283 26179	917	1827	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorotrifluoroethene	FB	Ave	++++ 60173	664 229837	1189 422681	6178	20409	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	++++ 213116	2064 ++++	3776 ++++	16436	59274	++++ 50.0	0.500 ++++	1.00 ++++	5.00	20.0
1,1-Difluoroethane	FB	Ave	++++ 62308	767 258616	1046 561581	7761	24766	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	++++ 24438	327 107656	699 ++++	3022	9472	++++ 50.0	0.500 200	1.00 ++++	5.00	20.0
Chloromethane	FB	Ave	++++ 137454	1048 417918	2526 935838	12176	54199	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	++++ 172183	1714 556303	3468 1216675	15195	64158	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	QuaF	936 142285	1795 437736	2858 916288	11568	47533	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	Ave	++++ 172808	1271 634900	2470 1462212	12948	66782	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	++++ 137026	1192 522450	2268 ++++	10458	54204	++++ 50.0	0.500 200	1.00 ++++	5.00	20.0
Pentane	TBAd 9	QuaF	++++ 48897	934 215011	1095 570397	3822	16980	++++ 100	1.00 400	2.00 1000	10.0	40.0
Trichlorofluoromethane	FB	Ave	++++ 324051	2713 1095158	5219 2371403	22650	97671	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	++++ 296462	2741 1189261	4643 2938727	23679	109221	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	++++ 189843	1887 866980	3620 2293260	16437	71408	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl ether	FB	Ave	++++ 117490	1181 532475	2105 1446847	11428	46052	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1 Analy Batch No.: 641851

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethanol	TBAd 9	QuaF	+++++ 23567	58 94778	234 256748	1514	9509	+++++ 2000	20.0 8000	40.0 20000	200	800
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 193825	2579 907595	4436 2062415	21740	72474	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	+++++ 147516	1903 688752	2665 1851664	14335	58940	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon disulfide	FB	Ave	+++++ 495209	5084 2356056	9072 6202550	47504	195906	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 144480	1571 692739	2571 1823750	12322	51674	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 219745	2572 1033506	4390 2410857	23955	82169	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Iodomethane	FB	Ave	+++++ 344485	2424 1553165	4814 3880593	30512	135815	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclopentene	FB	Ave	+++++ 329750	3646 1454656	6467 3678893	30411	127743	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBAd 9	Lin2	+++++ 19876	661 41376	924 88623	3782	7192	+++++ 100	2.00 200	4.00 400	20.0	40.0
Allyl chloride	FB	Ave	+++++ 91535	912 417600	1771 1037675	9436	37451	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd 9	Ave	+++++ 66568	968 281819	2004 760854	7134	27554	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 169645	1963 757717	3358 1948044	16566	70269	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	QuaF	+++++ 144676	4009 637181	5307 1750310	15775	62004	+++++ 250	2.50 1000	5.00 2500	25.0	100
trans-1,2-Dichloroethene	FB	Ave	+++++ 176149	1642 794873	2769 2059454	17476	70945	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	TBAd 9	Ave	+++++ 146979	1246 640356	2160 1544800	15266	61291	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Hexane	FB	Ave	+++++ 24147	287 114333	518 287971	2229	9411	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl tert-butyl ether	FB	Ave	+++++ 444303	4224 2016762	8396 5351665	43113	182822	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd 9	Lin2	+++++ 112447	1713 478625	2481 1227067	11402	47507	+++++ 500	5.00 2000	10.0 5000	50.0	200
Acetonitrile	TBAd 9	Ave	+++++ 101764	1091 434882	2259 1071090	9823	41364	+++++ 500	5.00 2000	10.0 5000	50.0	200
Isopropyl ether	FB	Ave	+++++ 383902	3495 1675898	6785 4524811	36694	155791	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 127106	1162 579073	2337 1581520	12048	50291	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1 Analy Batch No.: 641851

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1-Dichloroethane	FB	Ave	++++ 228855	2162 1057777	4240 2893010	22438	92803	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	1160 381405	3304 1757663	6077 4580271	35045	149654	2.00 500	5.00 2000	10.0 5000	50.0	200
Tert-butyl ethyl ether	FB	Ave	++++ 400867	3737 1805883	6692 4974412	38644	160602	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	FB	Ave	++++ 509145	4248 2400255	7896 6316990	46697	199371	++++ 100	1.00 400	2.00 1000	10.0	40.0
cis-1,2-Dichloroethene	FB	Ave	++++ 157257	1498 709809	2823 1860582	15051	63927	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	++++ 189543	1944 851488	3581 2189033	18598	76314	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	++++ 153228	1730 732714	2742 1947730	12668	56046	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobromomethane	FB	Ave	++++ 88703	870 408746	1573 1091193	8699	35155	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroform	FB	Ave	++++ 244167	2443 1105994	4435 2870776	23889	99394	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	++++ 199239	1872 964627	3272 2563376	18395	78049	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acetate	BUT	Ave	++++ 26440	208 117567	437 325572	2394	10397	++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	++++ 92091	997 411424	1780 1135085	8474	36929	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	++++ 76640	972 344920	1496 938809	7586	31565	++++ 100	1.00 400	2.00 1000	10.0	40.0
1,1,1-Trichloroethane	FB	Ave	++++ 222559	2398 1018437	3938 2644365	21312	88435	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	++++ 66639	713 303862	1383 855265	6781	26796	++++ 250	2.50 1000	5.00 2500	25.0	100
1,1-Dichloropropene	FB	Ave	++++ 180303	2080 833461	3580 2192425	17758	72234	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2,4-Trimethylpentane	FB	Ave	++++ 170325	2265 820826	3631 2076701	14927	64670	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	++++ 40682	336 217699	628 ++++	3526	15483	++++ 50.0	0.500 200	1.00 ++++	5.00	20.0
Benzene	CBNZ d5	Ave	++++ 550683	4998 2594059	10014 6903337	52907	220783	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd 9	Ave	++++ 133805	1160 619592	2600 1789443	12074	52762	++++ 500	5.00 2000	10.0 5000	50.0	200
Methacrylonitrile	FB	Ave	++++ 470556	3693 2205402	7047 6323713	42717	186952	++++ 500	5.00 2000	10.0 5000	50.0	200

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1 Analy Batch No.: 641851

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tert-amyl methyl ether	FB	Ave	++++ 391942	3432 1719536	6624 4625688	37199	156368	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	++++ 177864	2134 806619	3378 2149117	16616	69877	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd 9	Ave	++++ 91885	939 429943	1766 1197801	8830	35705	++++ 1250	12.5 5000	25.0 12500	125	500
Isopropyl acetate	FB	Ave	++++ 206093	1836 883055	4112 2324512	20416	81864	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	++++ 141101	1580 662685	3080 1752769	11677	50990	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichloroethene	FB	Ave	++++ 177800	1632 806753	3229 2143583	16676	70292	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	++++ 89654	771 410004	1469 1085090	8683	35922	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd 9	Ave	++++ 63138	411 284711	974 ++++	5697	25690	++++ 1250	12.5 5000	25.0 ++++	125	500
1,2-Dichloropropane	FB	Ave	++++ 130634	1362 591464	2257 1551983	12614	51234	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	++++ 185857	1813 876191	3108 2352169	17531	72806	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	QuaF	++++ 138221	975 605920	1467 1639310	12450	53646	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	++++ 76029	638 330859	1281 889446	7275	31596	++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	++++ 27272	639 115603	1374 307838	2836	10711	++++ 1000	25.0 4000	50.0 10000	100	400
n-Propyl acetate	FB	Ave	++++ 138834	1269 603389	2265 1597424	12888	53990	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 78632	714 347766	1271 930804	7107	30299	++++ 50.1	0.501 200	1.00 501	5.01	20.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 220275	1867 1027197	3690 2725773	19931	88537	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Toluene	CBNZ d5	Ave	++++ 634875	6676 2875215	11879 7503051	61738	257105	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Epichlorohydrin	BUT	Ave	735 191493	1307 891463	2891 2456276	16752	76509	5.00 1000	10.0 4000	20.0 10000	100	400
2-Nitropropane	FB	Ave	++++ 59045	783 264142	1124 715634	5194	23827	++++ 100	1.00 400	2.00 1000	10.0	40.0
Tetrachloroethene	CBNZ d5	Ave	++++ 174398	1535 793021	3173 2034270	15975	68140	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 479630	4111 2176381	8041 5843797	44791	192424	++++ 250	2.50 1000	5.00 2500	25.0	100

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1 Analy Batch No.: 641851

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 203580	1511 969153	2622 2633503	18314	79262	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 97329	775 446840	1571 1174599	9930	40159	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	FB	Ave	++++ 156177	1841 721003	2336 1896611	13838	62863	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZ d5	Ave	++++ 163303	1234 769106	2472 2045037	14478	62670	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 199982	1570 906640	3112 2371790	19086	79543	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromoethane	CBNZ d5	Ave	++++ 135691	865 613262	1889 1601181	12149	53620	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acetate	CBNZ d5	Ave	++++ 156833	1524 680494	2691 1858455	14273	60337	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	++++ 328902	3127 1476088	4896 3989199	30755	132297	++++ 250	2.50 1000	5.00 2500	25.0	100
Chlorobenzene	CBNZ d5	Ave	++++ 448039	4188 2034720	7947 5285260	42386	178879	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	++++ 231370	2259 1069598	4314 2871151	22246	93041	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 165927	1229 783693	2726 2128588	15809	65600	++++ 50.0	0.500 200	1.00 500	5.00	20.0
m&p-Xylene	CBNZ d5	Ave	++++ 285650	2840 1288808	5125 3373497	27689	114564	++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	++++ 278256	2666 1251144	4589 3293443	25877	111786	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Ave	++++ 107128	749 ++++	1420 ++++	8777	40100	++++ 50.0	0.500 ++++	1.00 ++++	5.00	20.0
Styrene	CBNZ d5	Ave	++++ 469866	3975 2154354	7684 5675062	42116	186045	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 94647	692 420250	1521 1129834	8588	37758	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	++++ 642012	6084 2922935	11468 7567326	61694	258947	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 198587	2072 879855	3265 2342060	17813	76045	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	++++ 218215	1737 993460	3726 2598633	19820	86416	++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	++++ 693167	6221 3161784	12202 8157506	67272	279631	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 142241	1443 657734	2453 1799088	13910	57388	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1 Analy Batch No.: 641851

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Chlorotoluene	DCBd 4	Ave	++++ 528007	5101 2425291	9288 6563313	50038	210144	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	++++ 652381	5978 2880623	10997 7687007	60820	260246	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 47440	472 214317	924 562921	4542	19438	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 538683	5044 2430765	9437 6287711	49935	216905	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 38675	272 184673	635 512745	2831	14548	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd 4	Ave	++++ 494103	4017 2263983	8149 5945624	46052	197665	++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	++++ 438957	4106 1951686	7481 5049701	41339	175544	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 575052	5287 2679793	9757 7246224	52572	228642	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Ave	++++ 207730	1618 962972	2749 2716064	18129	80463	++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	++++ 561691	5268 2530213	9693 6525586	52295	222383	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 380180	3048 1745736	5889 4613943	34068	150590	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 518696	5178 2377812	9383 6302561	48841	207971	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 394273	4356 1779506	7022 4652689	36885	155113	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 610234	5905 2652125	9846 7007196	56947	244833	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	++++ 652936	5618 2822566	10954 7466906	59660	261276	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	++++ 66740	588 308883	942 844729	6364	26463	++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	++++ 279873	2621 1226884	4846 3229097	26142	111248	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	++++ 392848	4062 1793825	7167 4637704	37078	157164	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 379971	3142 1726562	5879 4503453	34346	151309	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 517913	4610 2244587	8074 5929938	46629	204958	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Lin2	++++ 35869	217 168945	497 449816	3210	13838	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1 Analy Batch No.: 641851

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2019 11:47 Calibration End Date: 09/25/2019 14:42 Calibration ID: 76822

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 233325	2053 1032666	3567 2721873	19947	90498	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 219668	1710 1032491	3421 2774722	18701	85522	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 70989	763 353903	1187 966792	6515	26856	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	+++++ 491166	4779 2205745	8444 5845177	43367	193968	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 198107	1890 907489	2995 2376920	17723	76227	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	146202 153616	145776 163466	146851 177936	147049	149147	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	140942 147905	140651 165963	140471 189216	141413	146990	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	565842 582185	568714 601728	562926 617420	560251	567687	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	195600 216597	197840 228742	197776 240906	198300	209380	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend:

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 25-Sep-2019 11:47:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD8
 Misc. Info.: 460-0098145-002
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 25-Sep-2019 17:39:05 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0320

First Level Reviewer: pakanatir

Date: 25-Sep-2019 13:44:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	0.936	0.936	0.000	92	936	0.2500	0.3897	
* 33 TBA-d9 (IS)	65	1.946	1.953	-0.007	0	226127	1000.0	1000.0	
39 Acrylonitrile	53	2.254	2.246	0.008	95	1160	2.00	1.62	M
\$ 51 Dibromofluoromethane (Surr	113	2.884	2.891	-0.007	97	146202	50.0	48.6	
* 53 2-Butanone-d5	46	2.948	2.948	0.000	0	192944	250.0	250.0	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.278	3.278	0.000	0	140942	50.0	47.5	
* 66 Fluorobenzene	96	3.514	3.521	-0.007	99	590319	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.381	4.395	-0.014	0	23253	1000.0	1000.0	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.040	0.000	100	565842	50.0	50.1	
84 Epichlorohydrin	57	5.133	5.119	0.014	1	735	5.00	4.23	
* 96 Chlorobenzene-d5	117	6.895	6.895	0.000	84	478967	50.0	50.0	
\$ 107 4-Bromofluorobenzene	174	8.657	8.657	0.000	97	195600	50.0	47.6	
* 123 1,4-Dichlorobenzene-d4	152	10.412	10.412	0.000	94	271169	50.0	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00333	Amount Added: 2.50	Units: uL	
8260MIX1COMB_00105	Amount Added: 0.00	Units: uL	
ACROLEIN W_00095	Amount Added: 0.00	Units: uL	
524freon_00012	Amount Added: 0.00	Units: uL	
14DIOXINTER_00104	Amount Added: 0.00	Units: uL	
GAS Hi_00324	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00065	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00088	Amount Added: 0.00	Units: uL	
MIX I Hi_00115	Amount Added: 0.00	Units: uL	
Ethanol mix_00032	Amount Added: 0.00	Units: uL	
8FreonHi_00008	Amount Added: 0.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD8

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

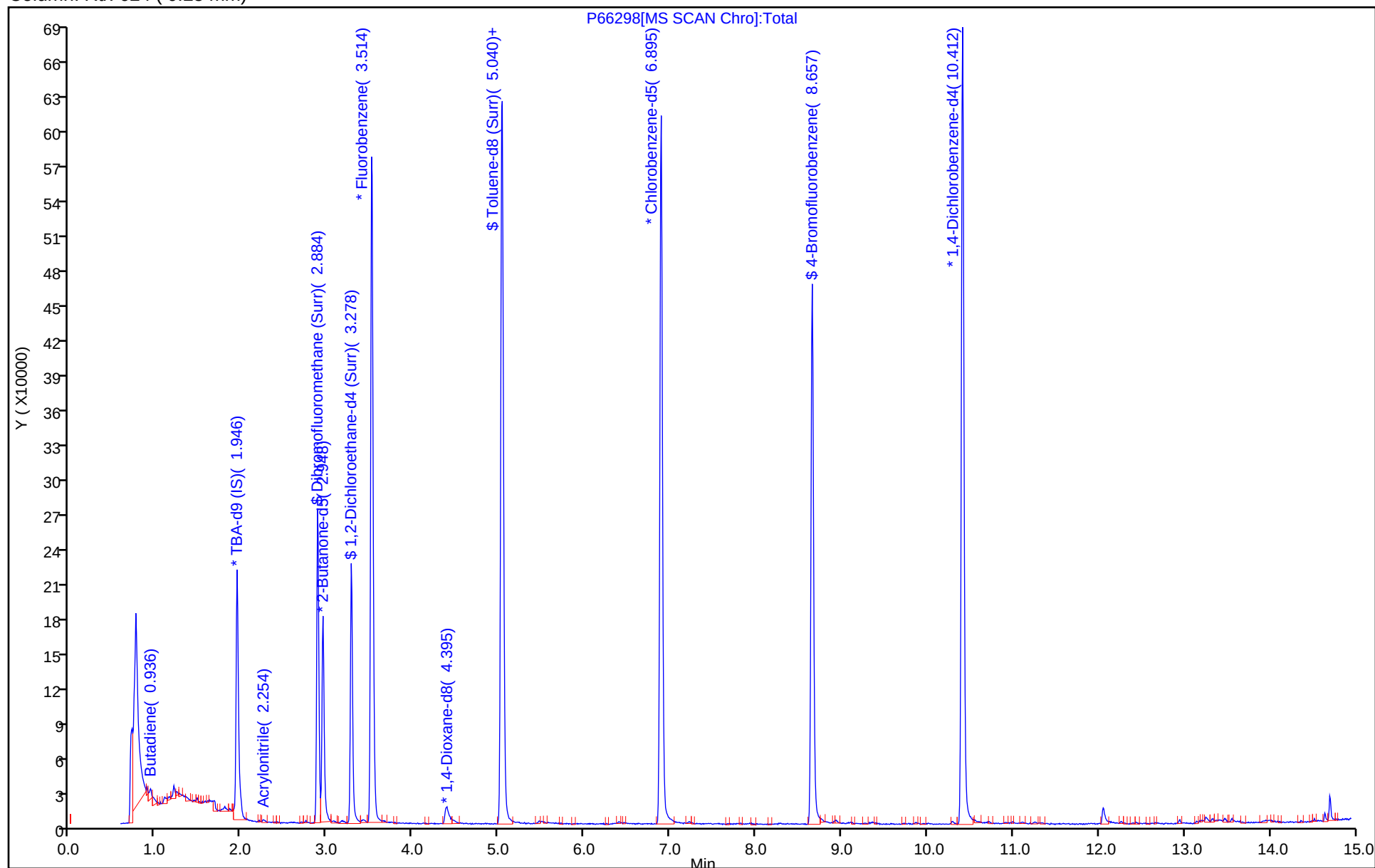
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

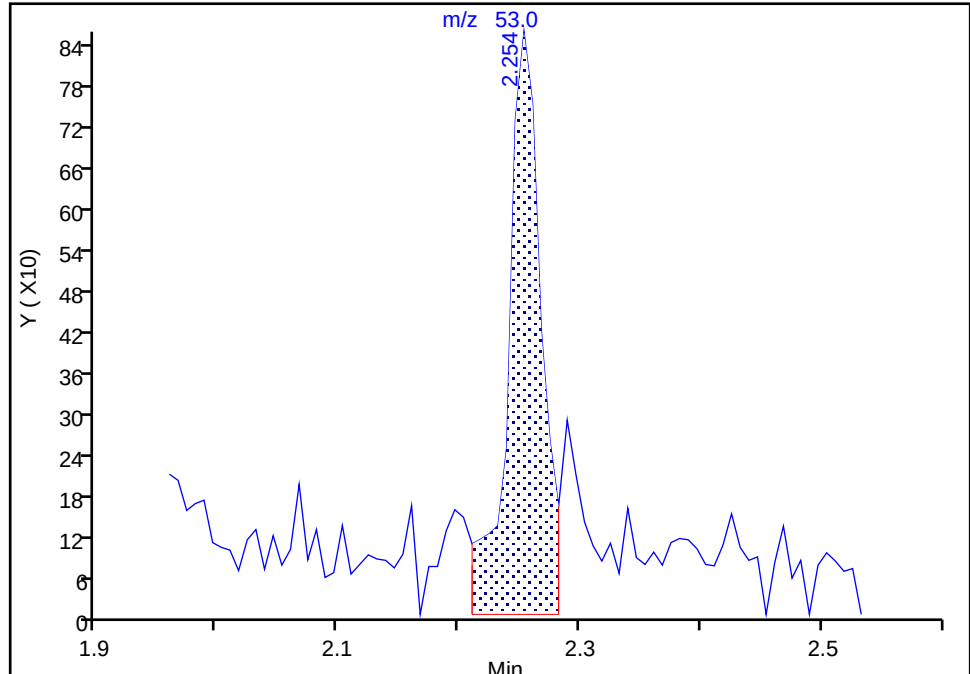
MS SCAN

39 Acrylonitrile, CAS: 107-13-1

Signal: 1

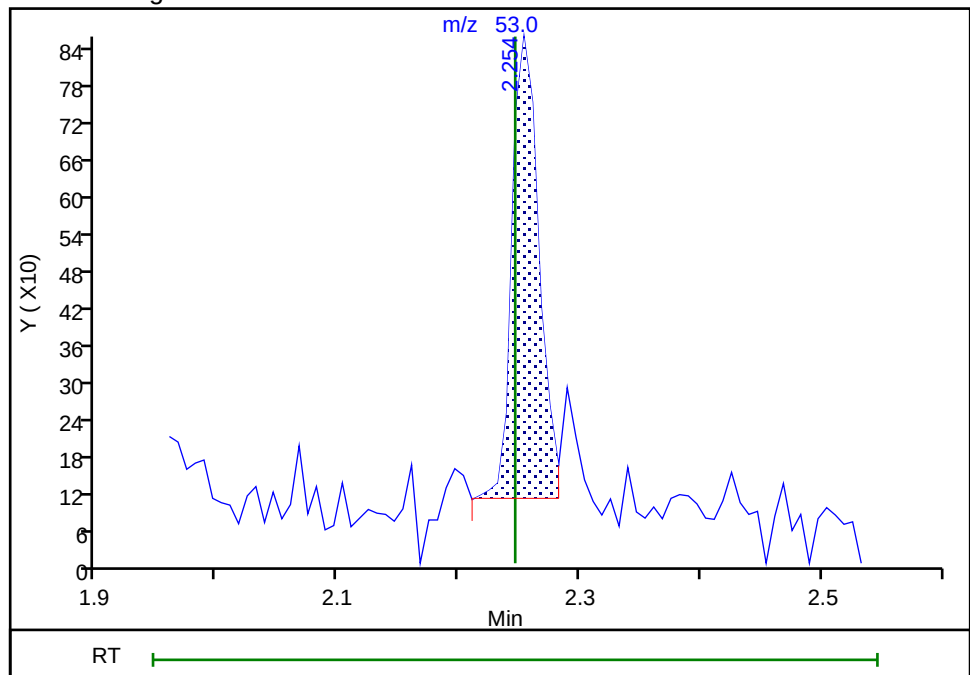
RT: 2.25
Area: 1657
Amount: 2.298792
Amount Units: ug/l

Processing Integration Results



RT: 2.25
Area: 1160
Amount: 1.623696
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:36:36

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

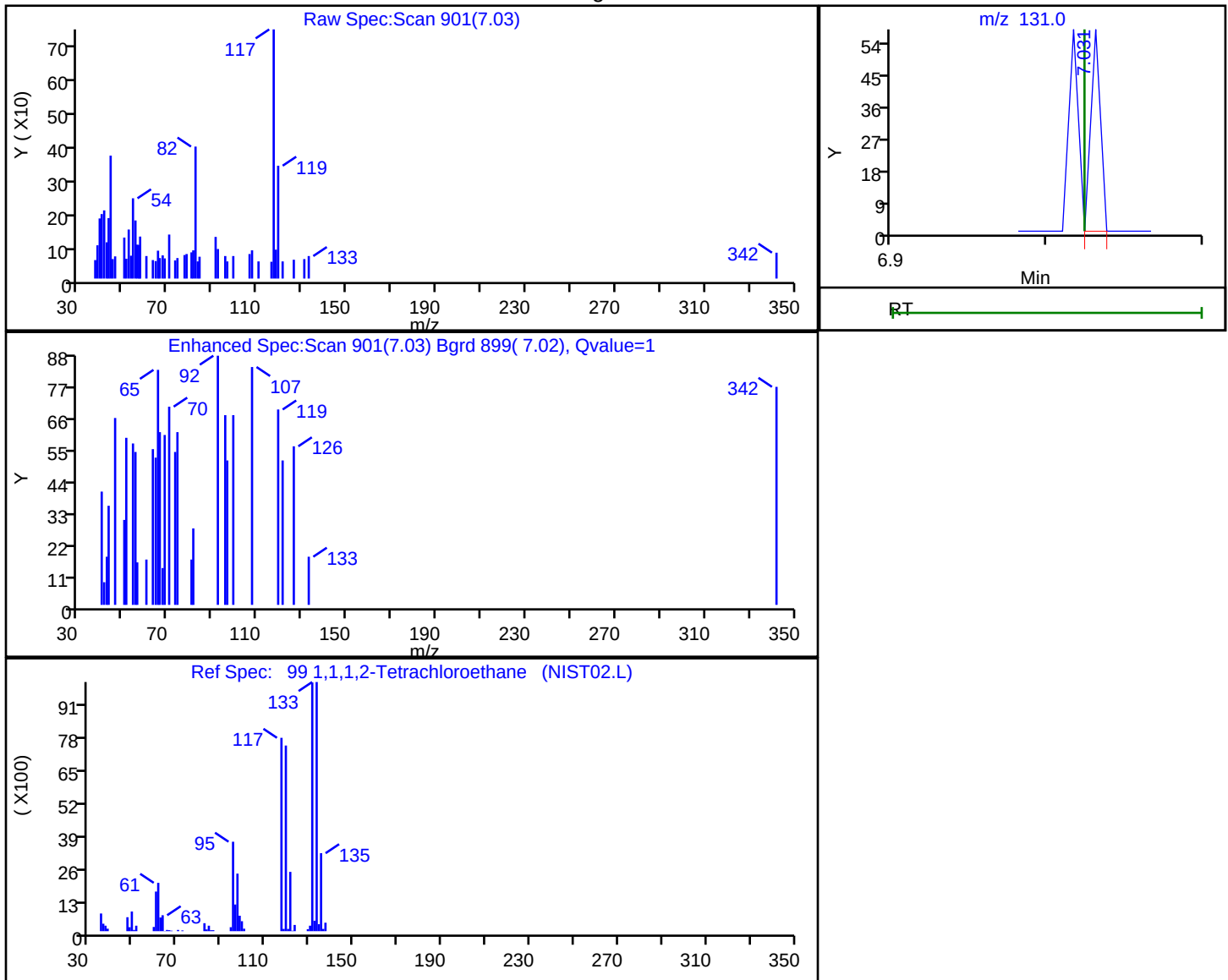
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

99 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
7.03	131.00	25	0.008323

Reviewer: pakanatir, 25-Sep-2019 13:35:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

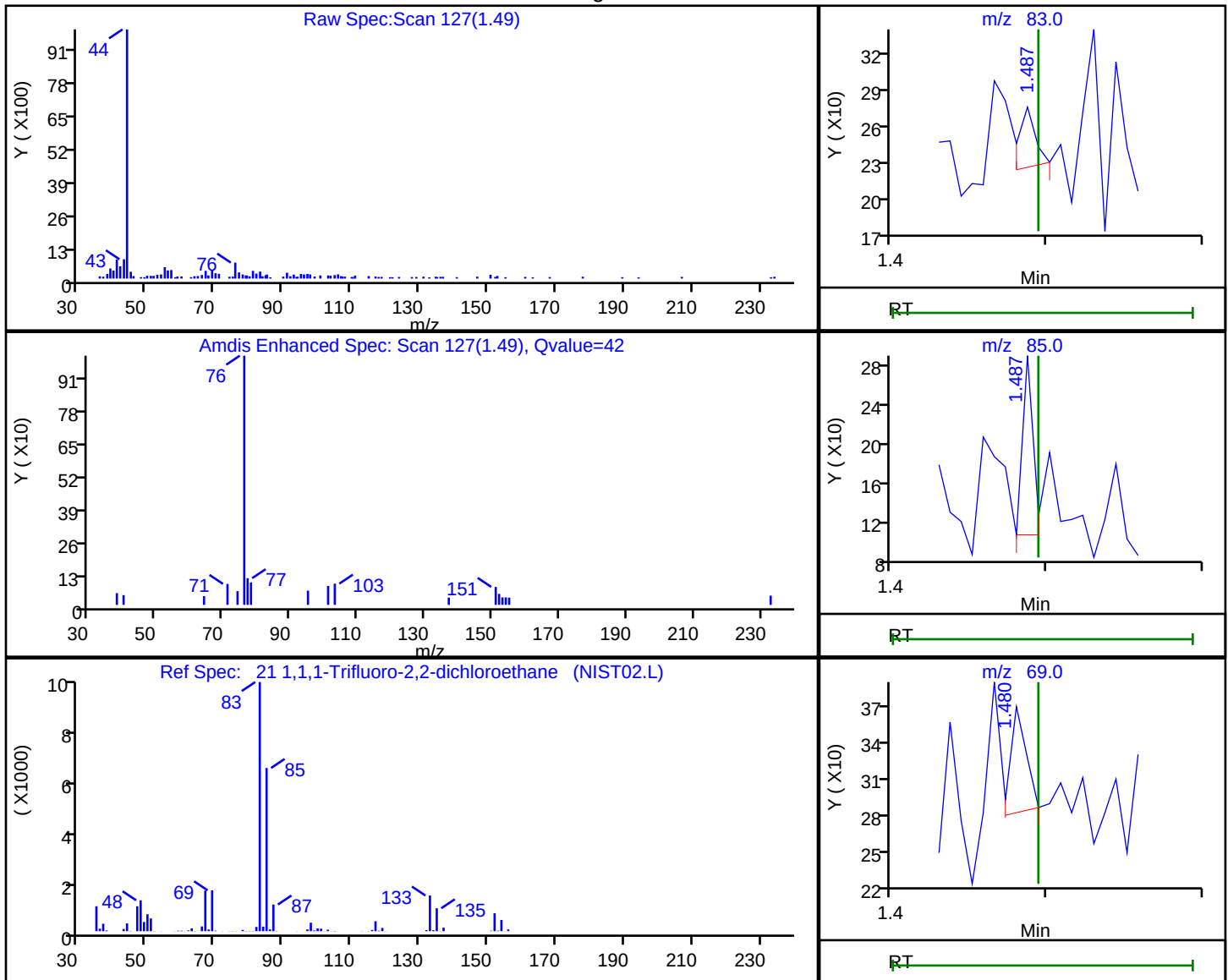
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
1.49	83.00	36	0.007709
1.49	85.00	83	
1.48	69.00	58	
1.49	67.00	232	

Reviewer: pakanatir, 25-Sep-2019 13:31:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

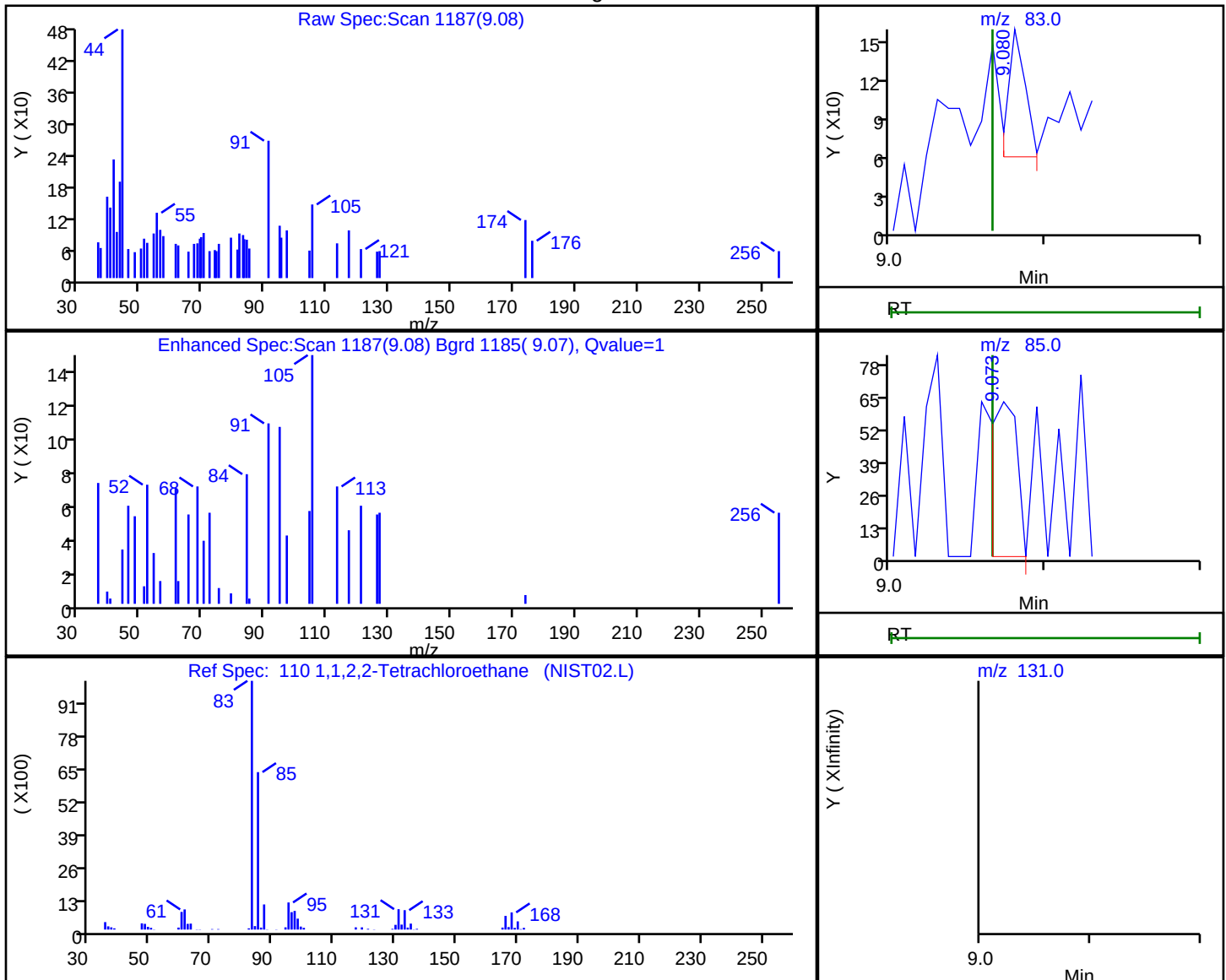
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

110 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.08	83.00	76	0.028065
9.07	85.00	75	
9.07	131.00	0	

Reviewer: pakanatir, 25-Sep-2019 13:35:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

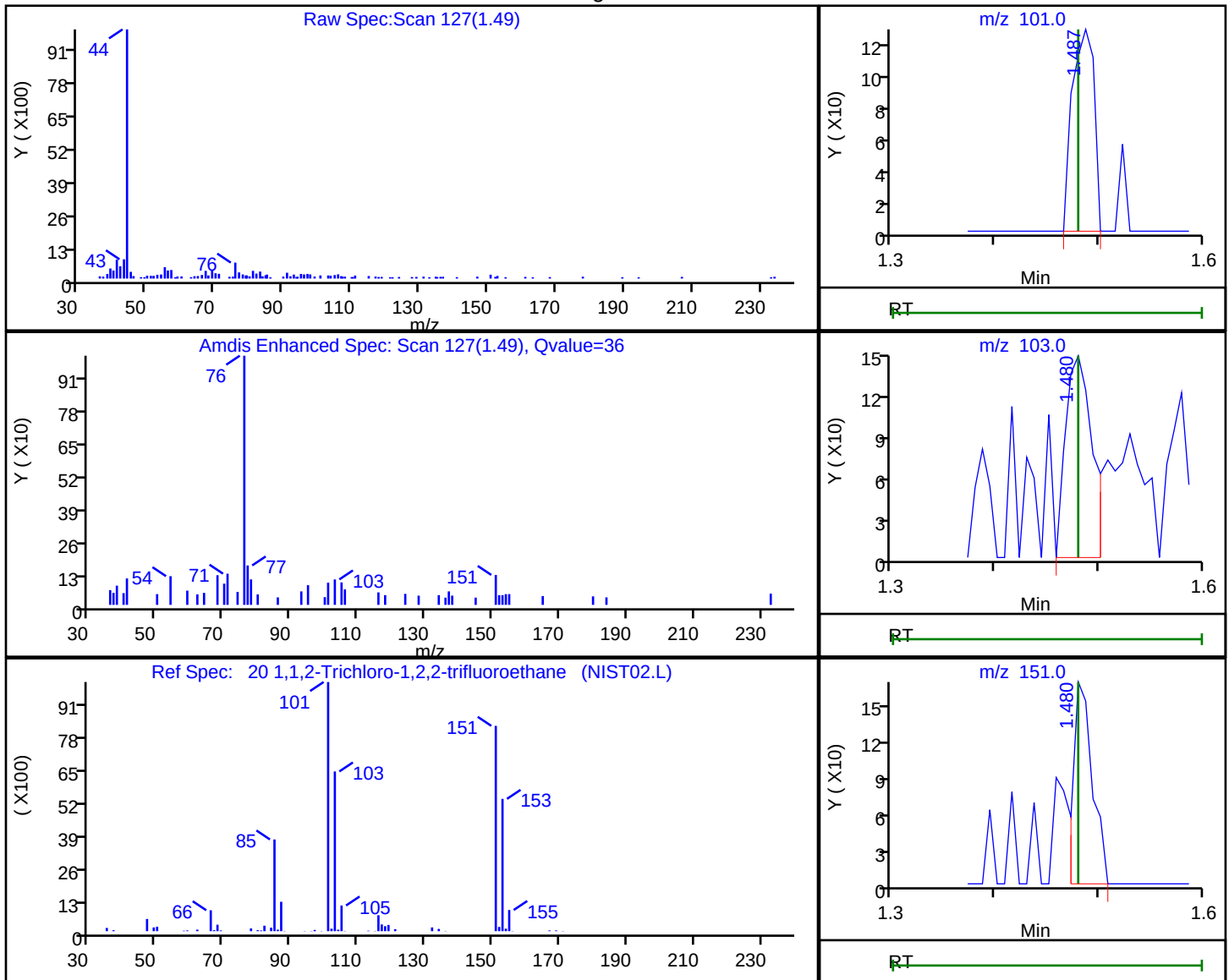
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
1.49	101.00	181	0.065954
1.48	103.00	265	
1.48	151.00	217	
1.49	85.00	145	

Reviewer: pakanatir, 25-Sep-2019 13:31:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

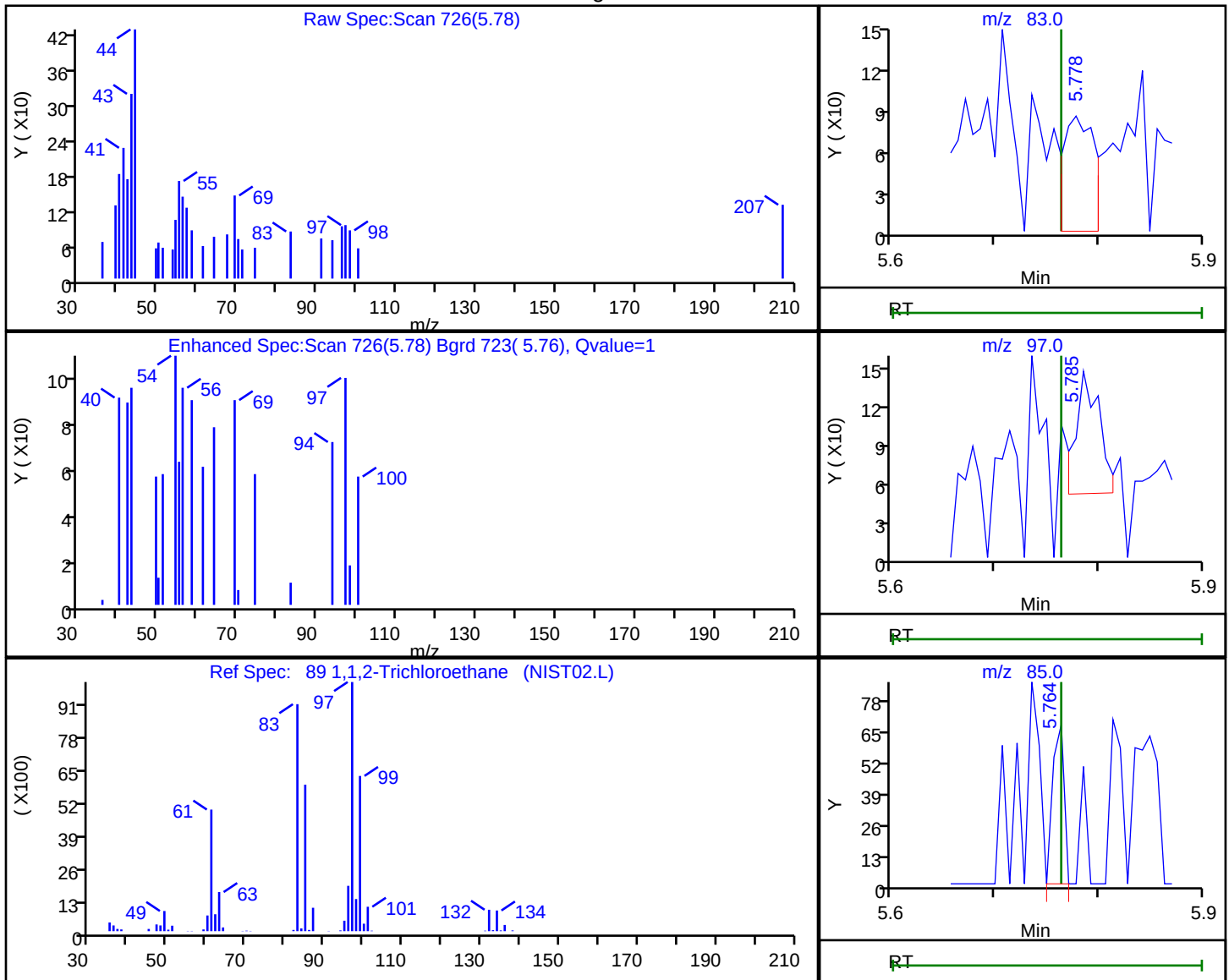
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

89 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
5.78	83.00	173	0.094973
5.79	97.00	152	
5.76	85.00	52	

Reviewer: pakanatir, 25-Sep-2019 13:35:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

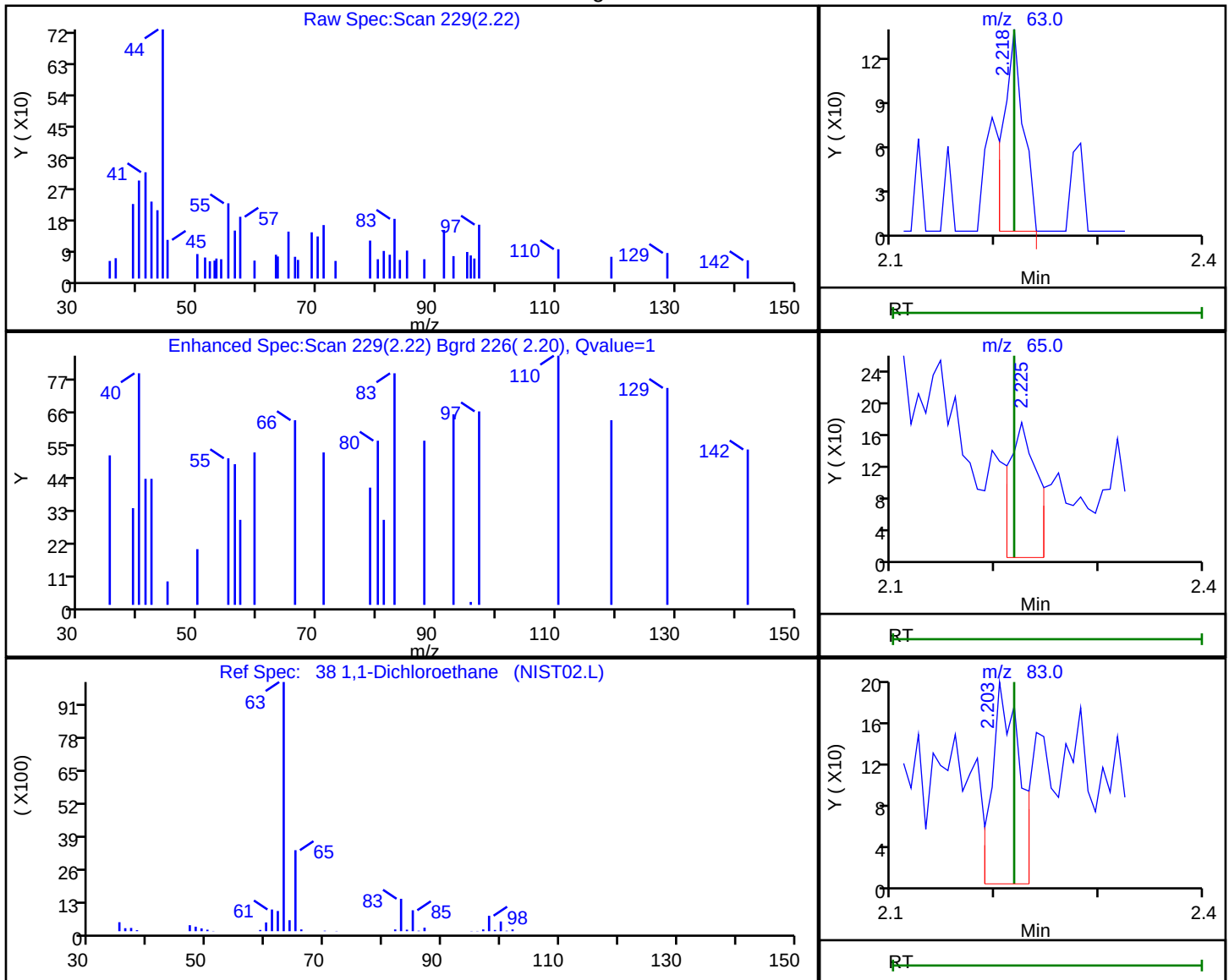
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
2.22	63.00	173	0.038638
2.22	65.00	328	
2.20	83.00	364	

Reviewer: pakanatir, 25-Sep-2019 13:33:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

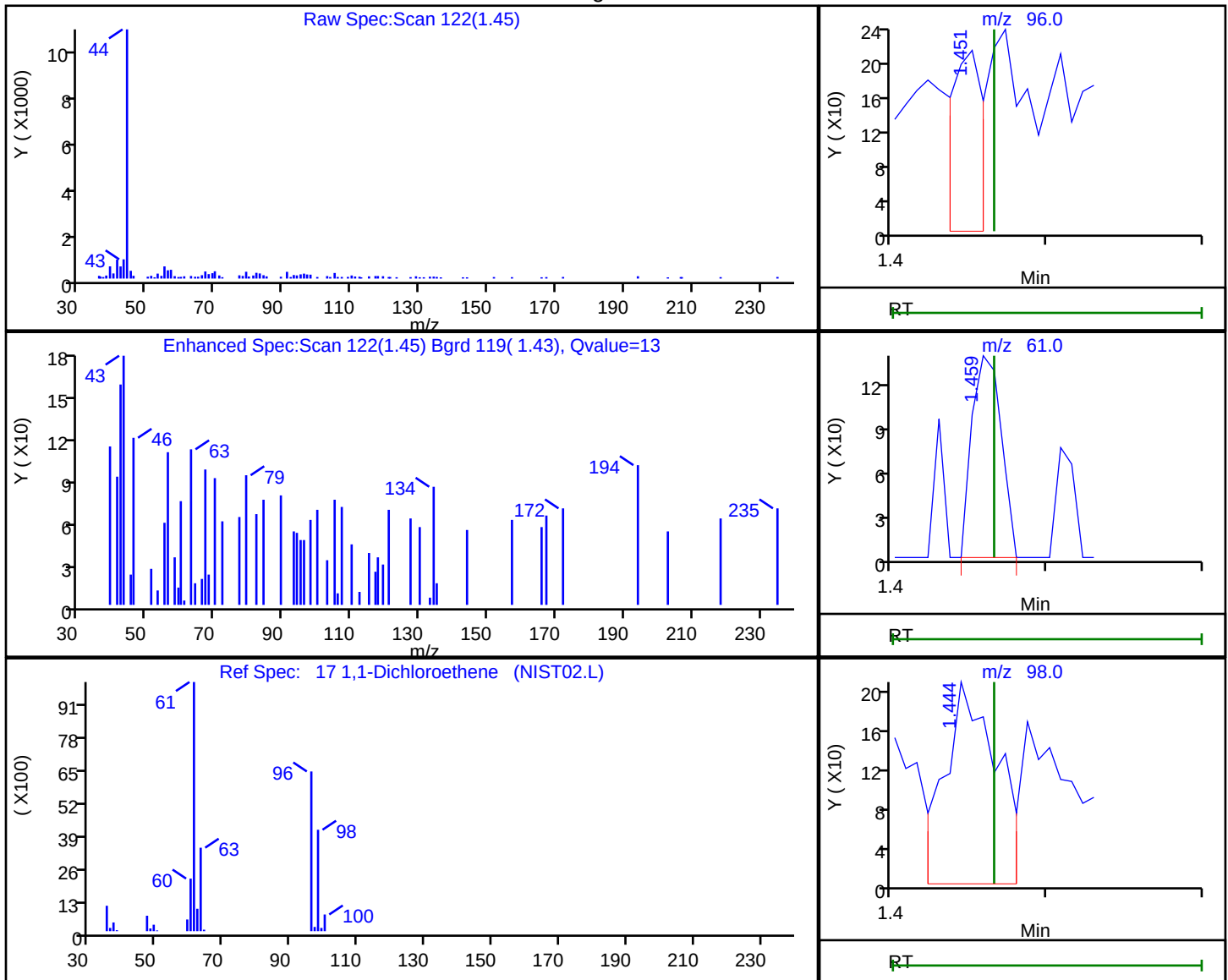
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
1.45	96.00	301	0.098223
1.46	61.00	177	
1.44	98.00	488	
1.45	63.00	227	

Reviewer: pakanatir, 25-Sep-2019 13:31:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

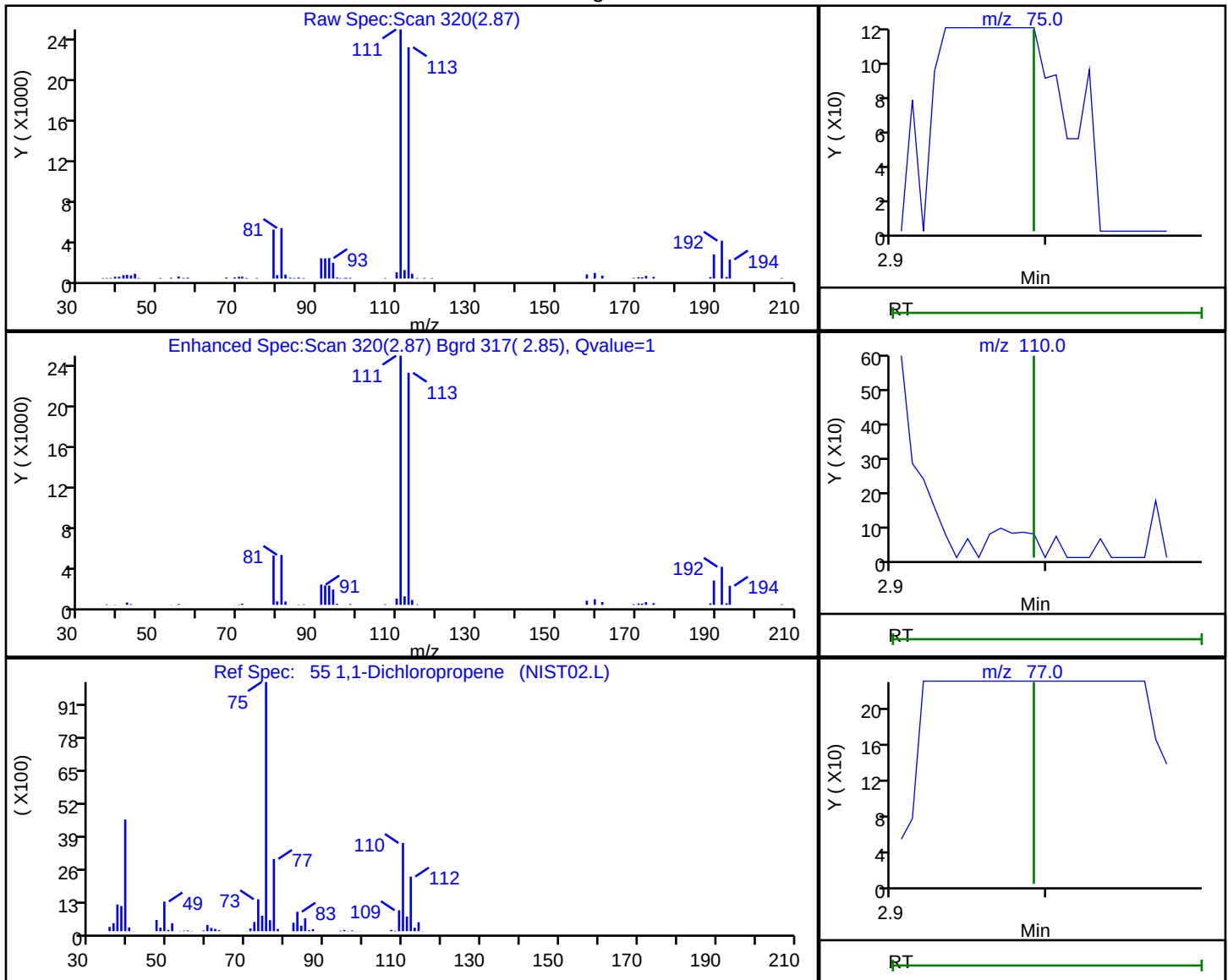
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
2.87	75.00	73	0.019605
2.88	110.00	3399	
2.88	77.00	188	

Reviewer: pakanatir, 25-Sep-2019 13:34:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

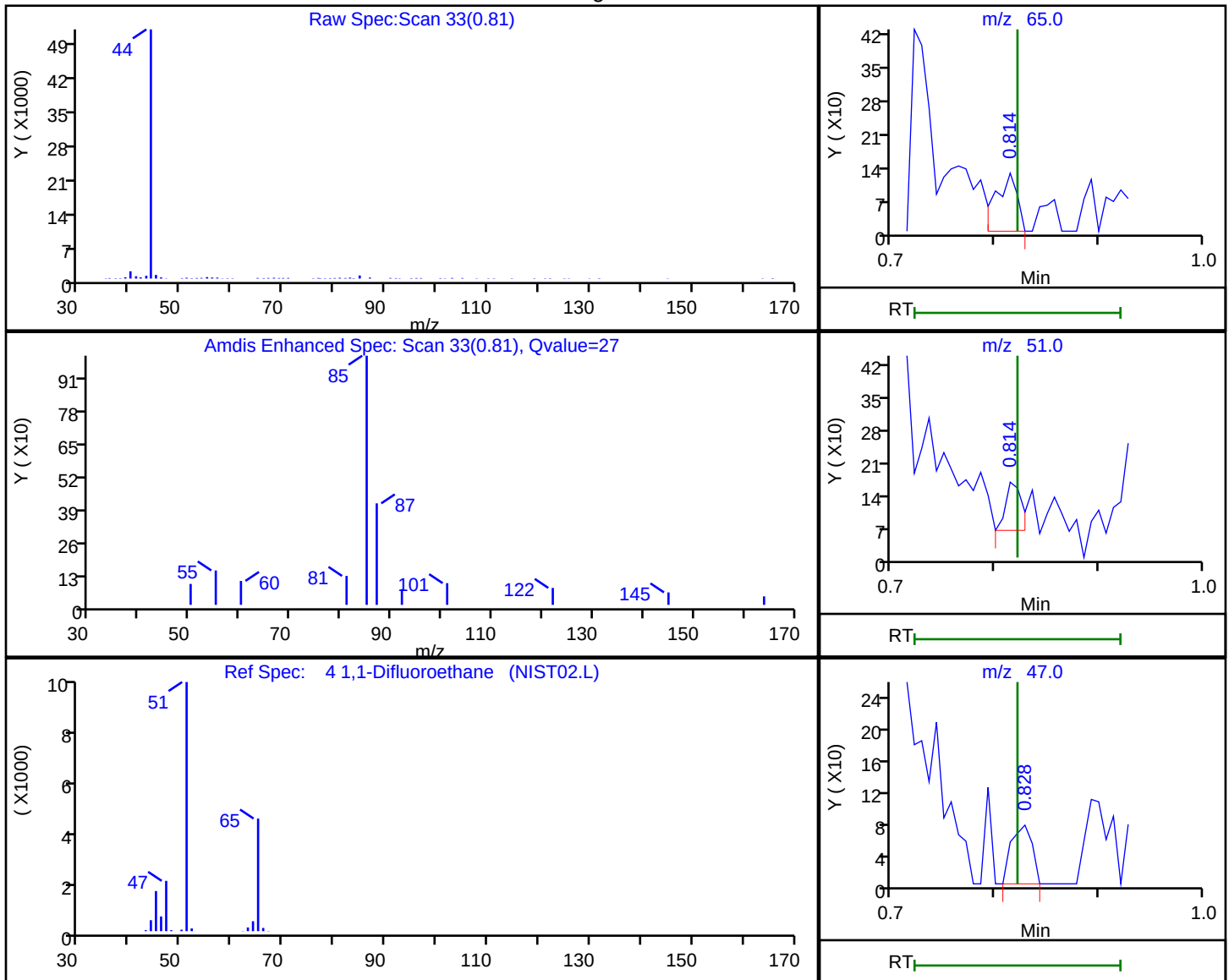
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Processing Results



RT	Mass	Response	Amount
0.81	65.00	174	0.129019
0.81	51.00	111	
0.83	47.00	102	

Reviewer: pakanatir, 25-Sep-2019 13:30:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

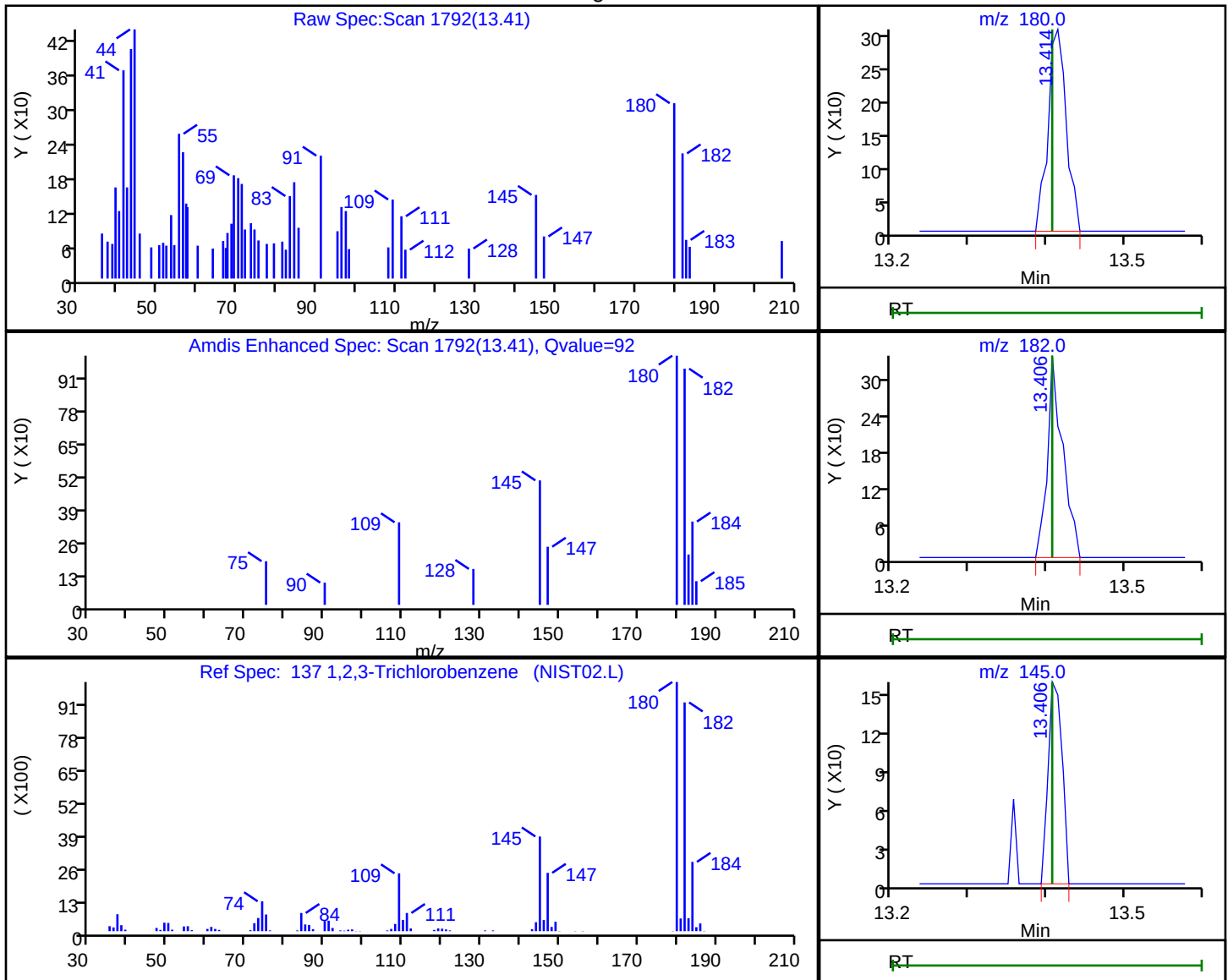
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

137 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
13.41	180.00	499	0.141062
13.41	182.00	458	
13.41	145.00	194	

Reviewer: pakanatir, 25-Sep-2019 13:35:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

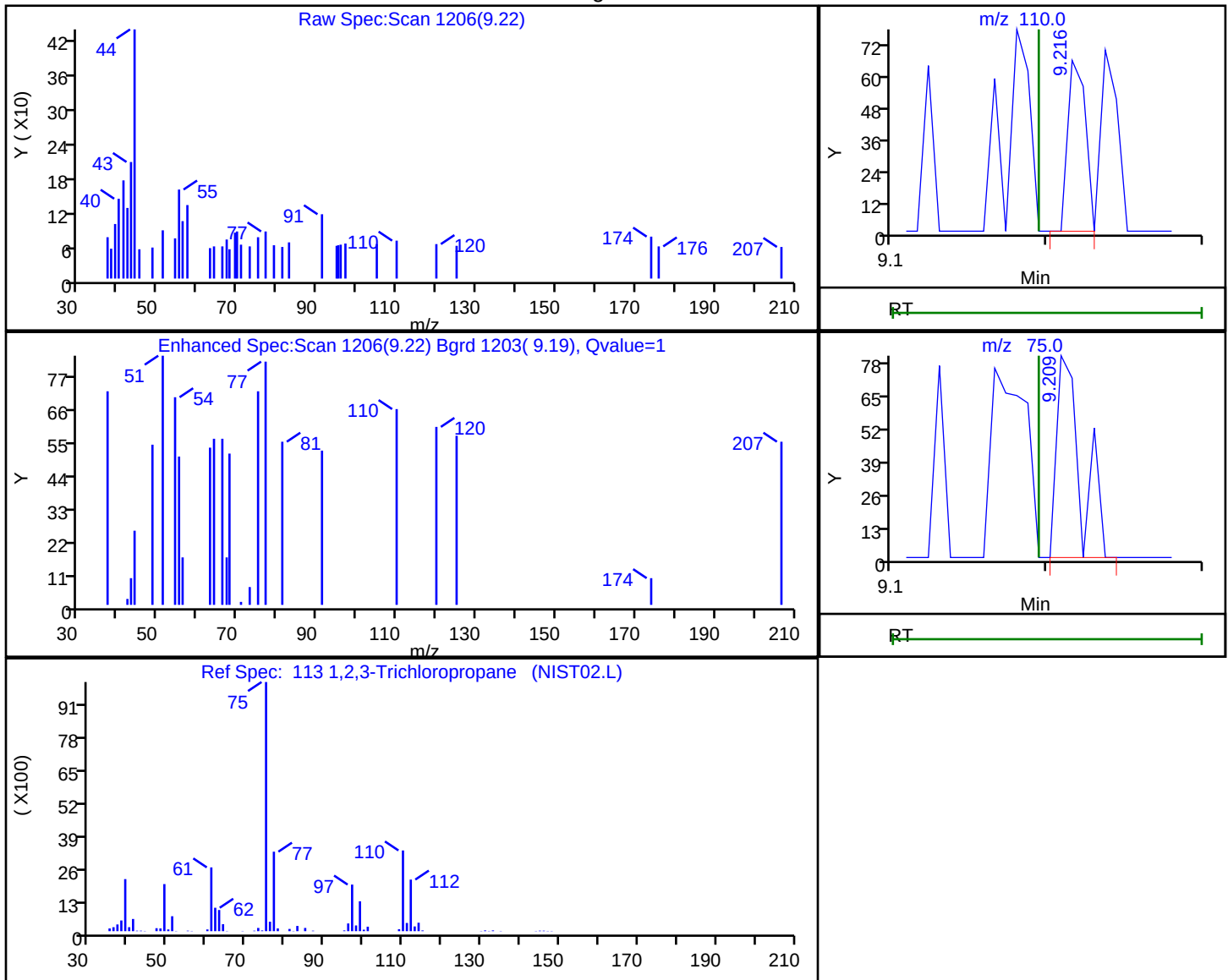
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

113 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.22	110.00	52	0.056535
9.21	75.00	88	

Reviewer: pakanatir, 25-Sep-2019 13:35:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

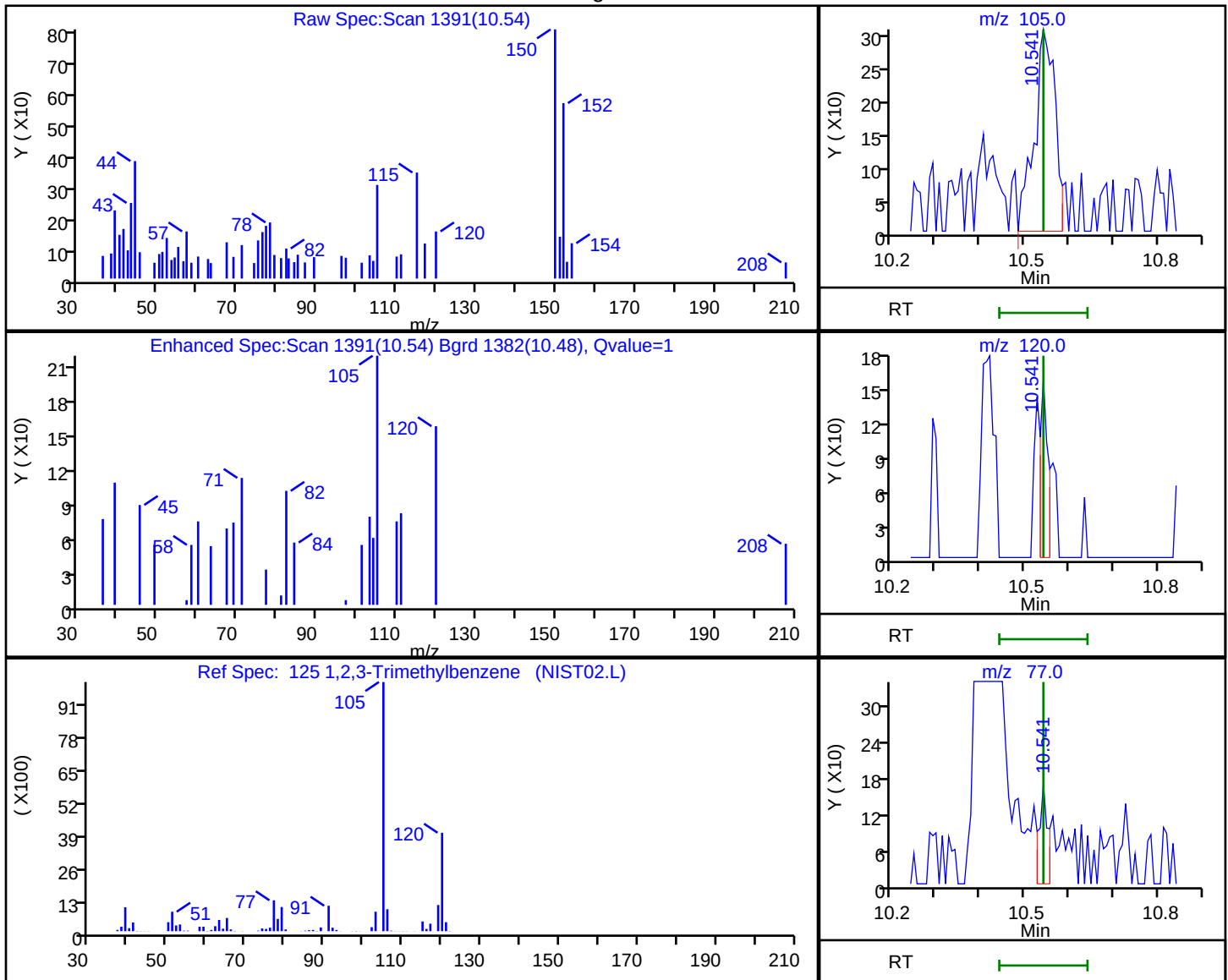
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

125 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.54	105.00	984	0.087509
10.54	120.00	184	
10.54	77.00	232	

Reviewer: pakanatir, 25-Sep-2019 13:35:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

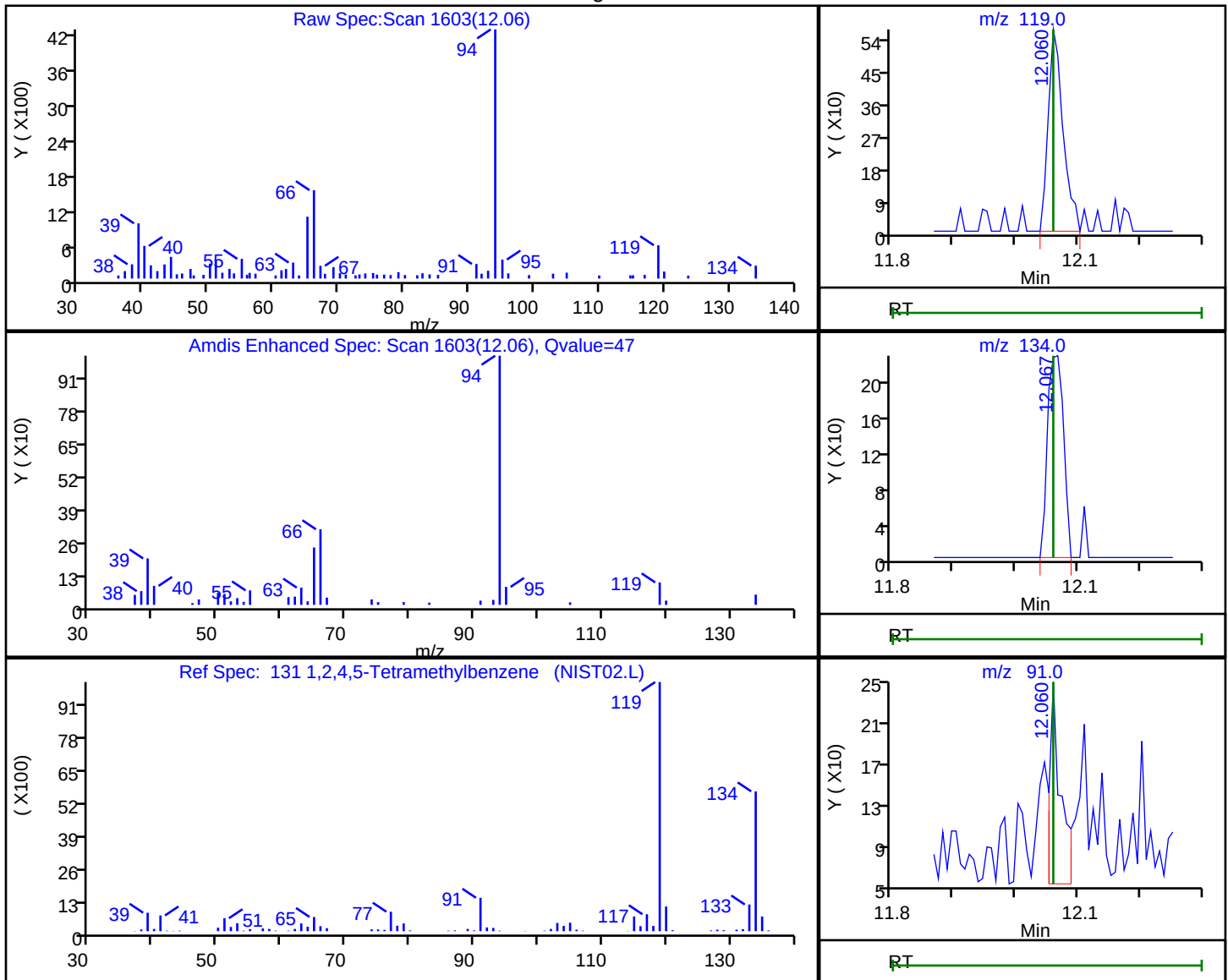
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

131 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
12.06	119.00	944	0.102278
12.07	134.00	396	
12.06	91.00	238	

Reviewer: pakanatir, 25-Sep-2019 13:35:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

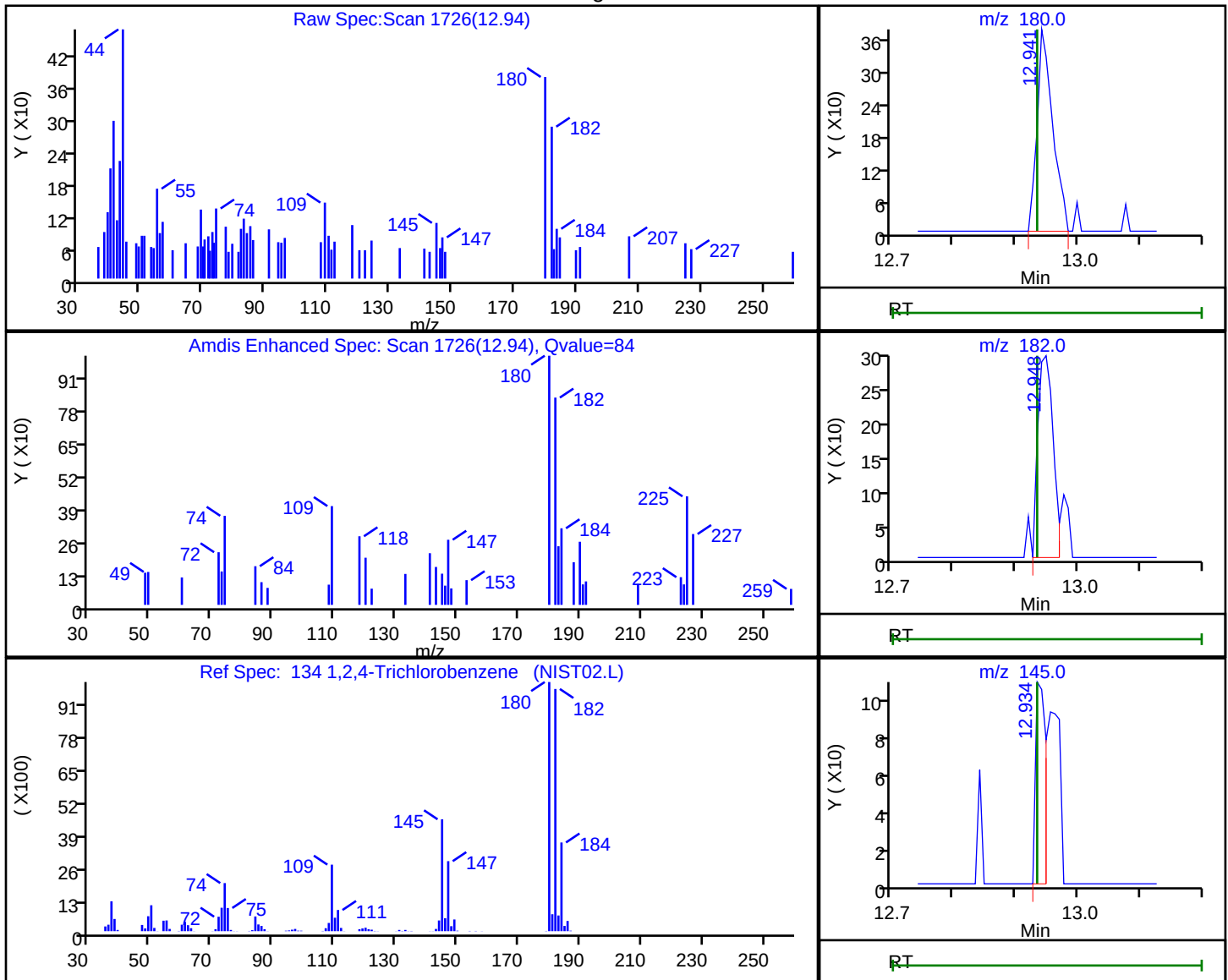
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

134 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.94	180.00	662	0.176115
12.95	182.00	505	
12.93	145.00	124	

Reviewer: pakanatir, 25-Sep-2019 13:35:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

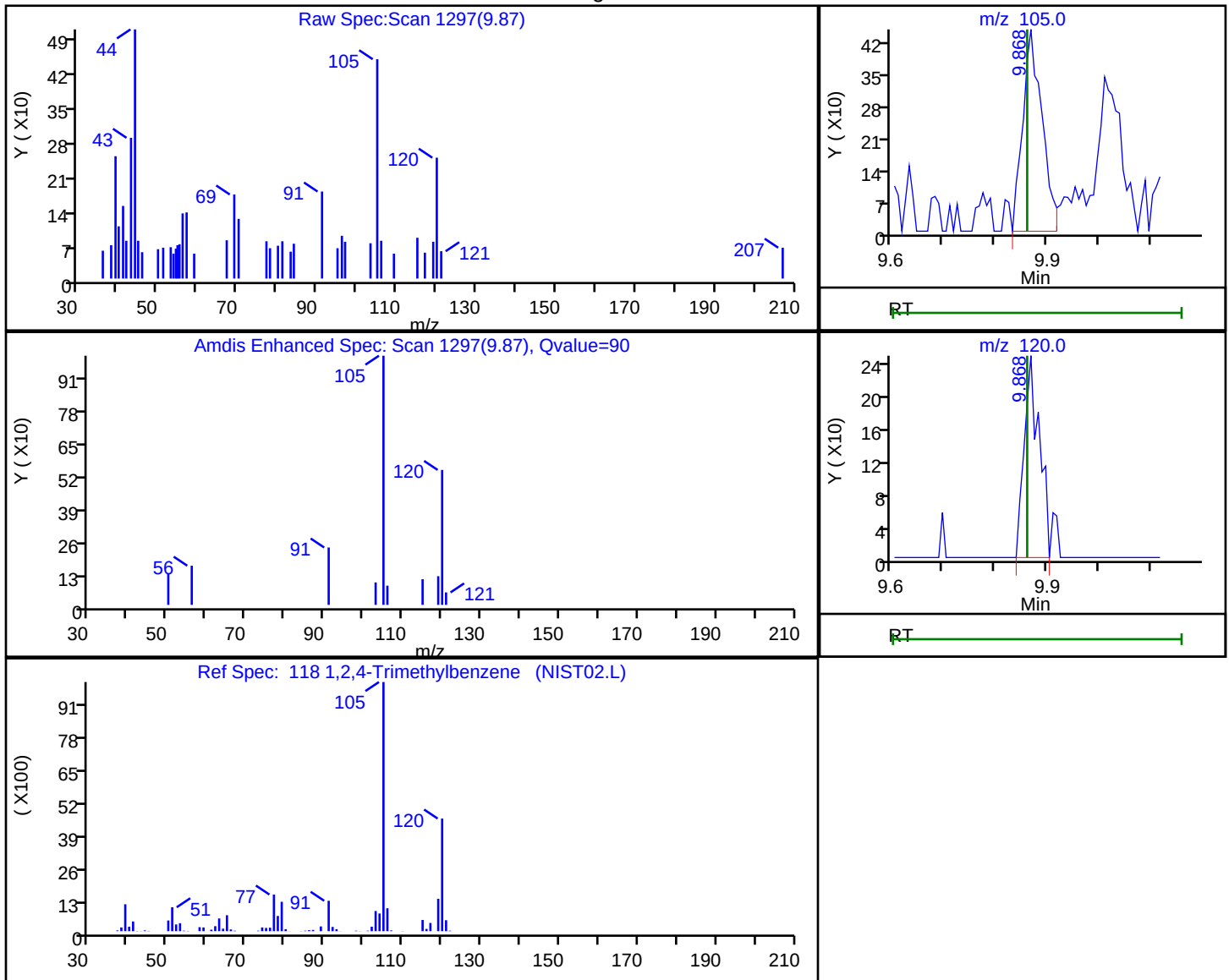
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

118 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
9.87	105.00	1146	0.108959
9.87	120.00	496	

Reviewer: pakanatir, 25-Sep-2019 13:35:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

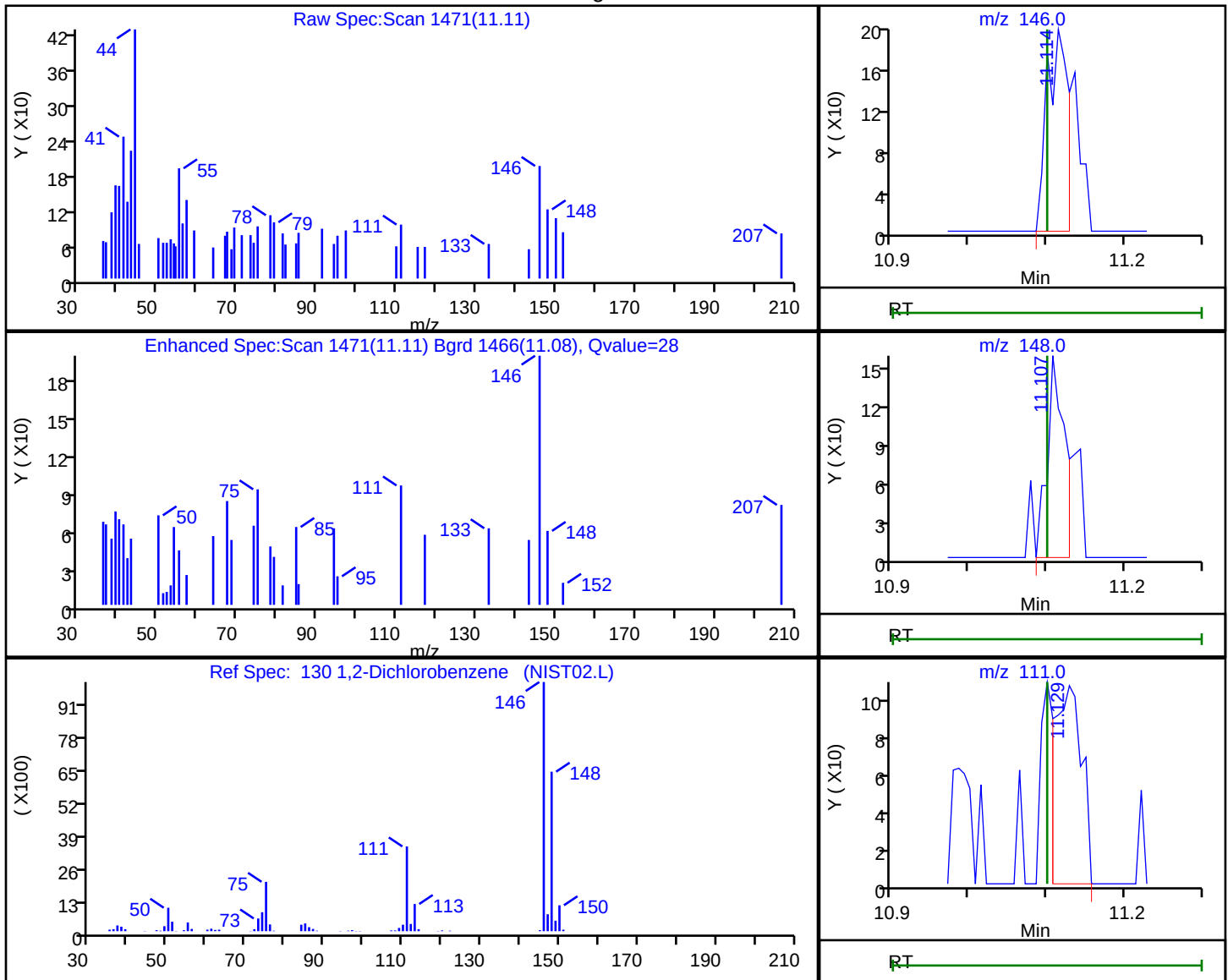
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

130 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.11	146.00	358	0.053593
11.11	148.00	248	
11.13	111.00	266	

Reviewer: pakanatir, 25-Sep-2019 13:35:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

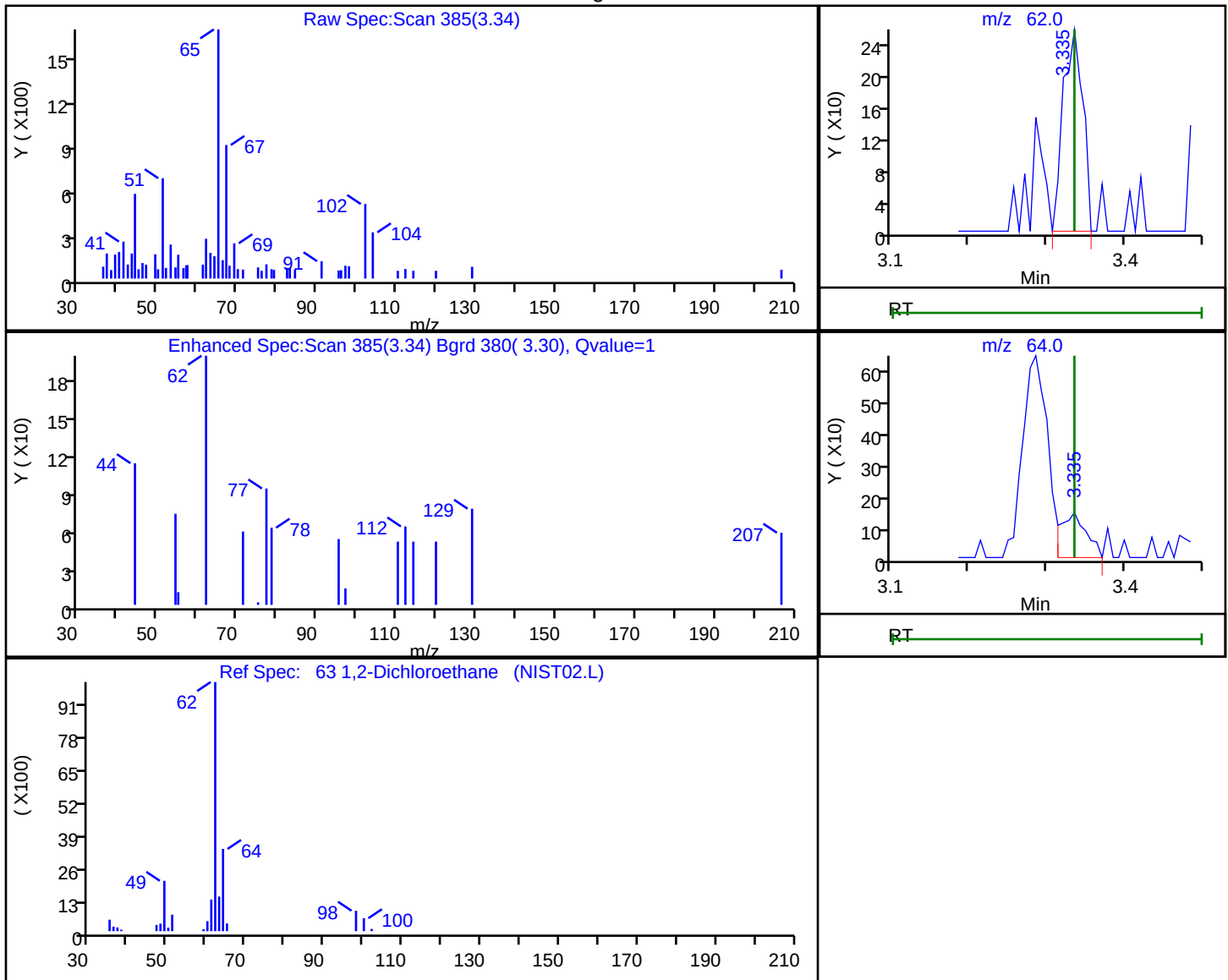
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.34	62.00	453	0.124982
3.34	64.00	331	

Reviewer: pakanatir, 25-Sep-2019 13:34:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

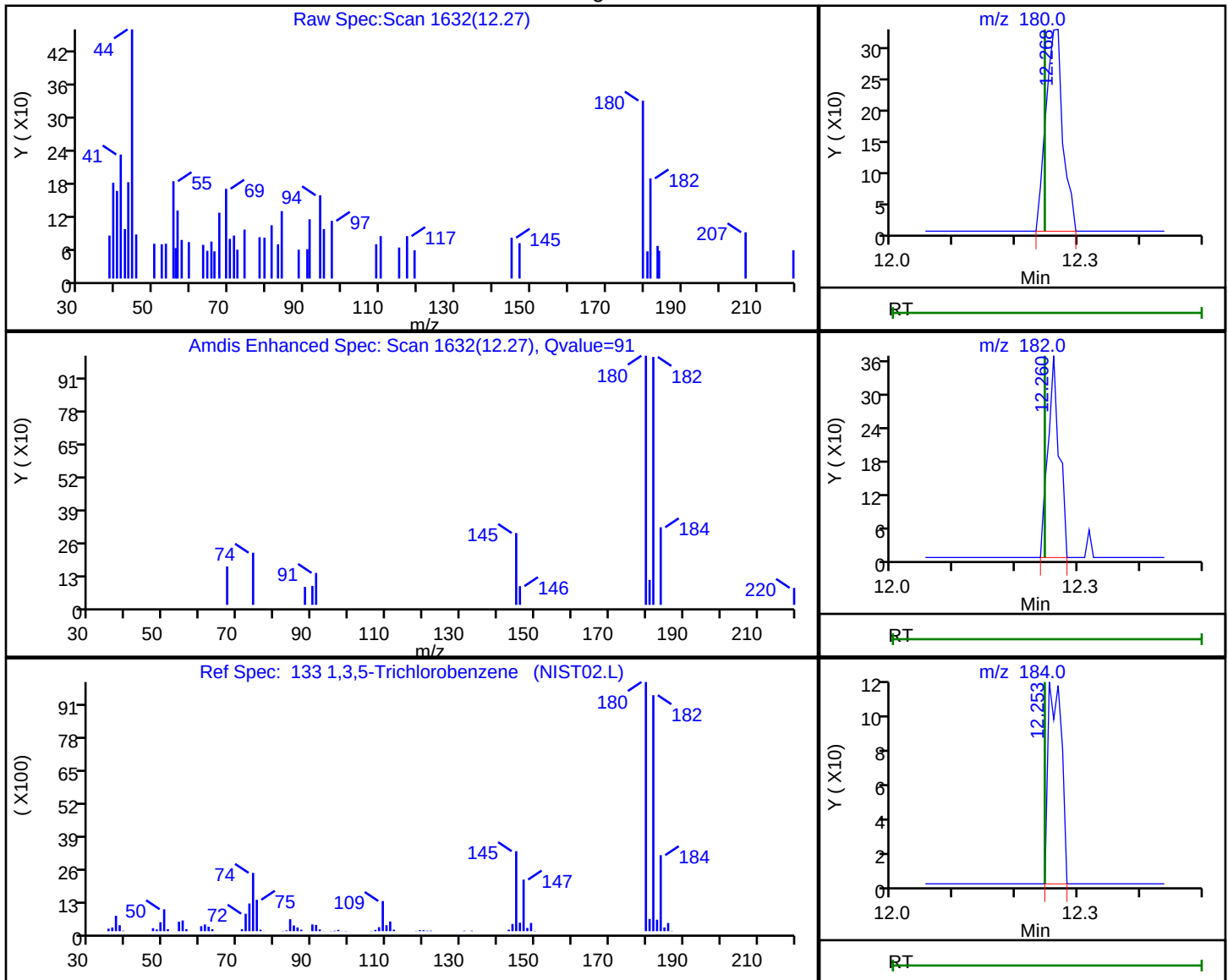
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

133 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.27	180.00	625	0.153386
12.26	182.00	465	
12.25	184.00	168	

Reviewer: pakanatir, 25-Sep-2019 13:35:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

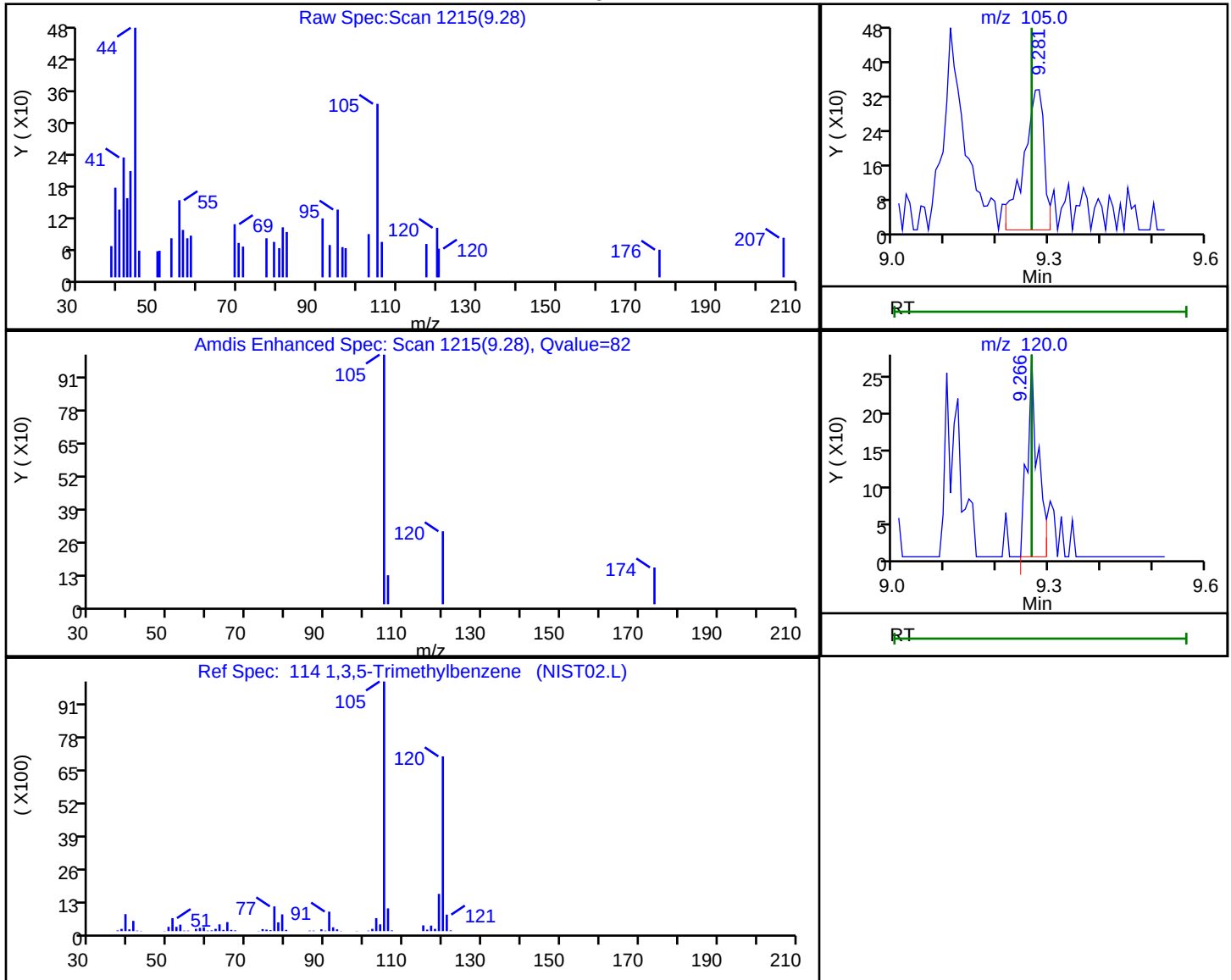
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
9.28	105.00	928	0.092776
9.27	120.00	395	

Reviewer: pakanatir, 25-Sep-2019 13:35:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

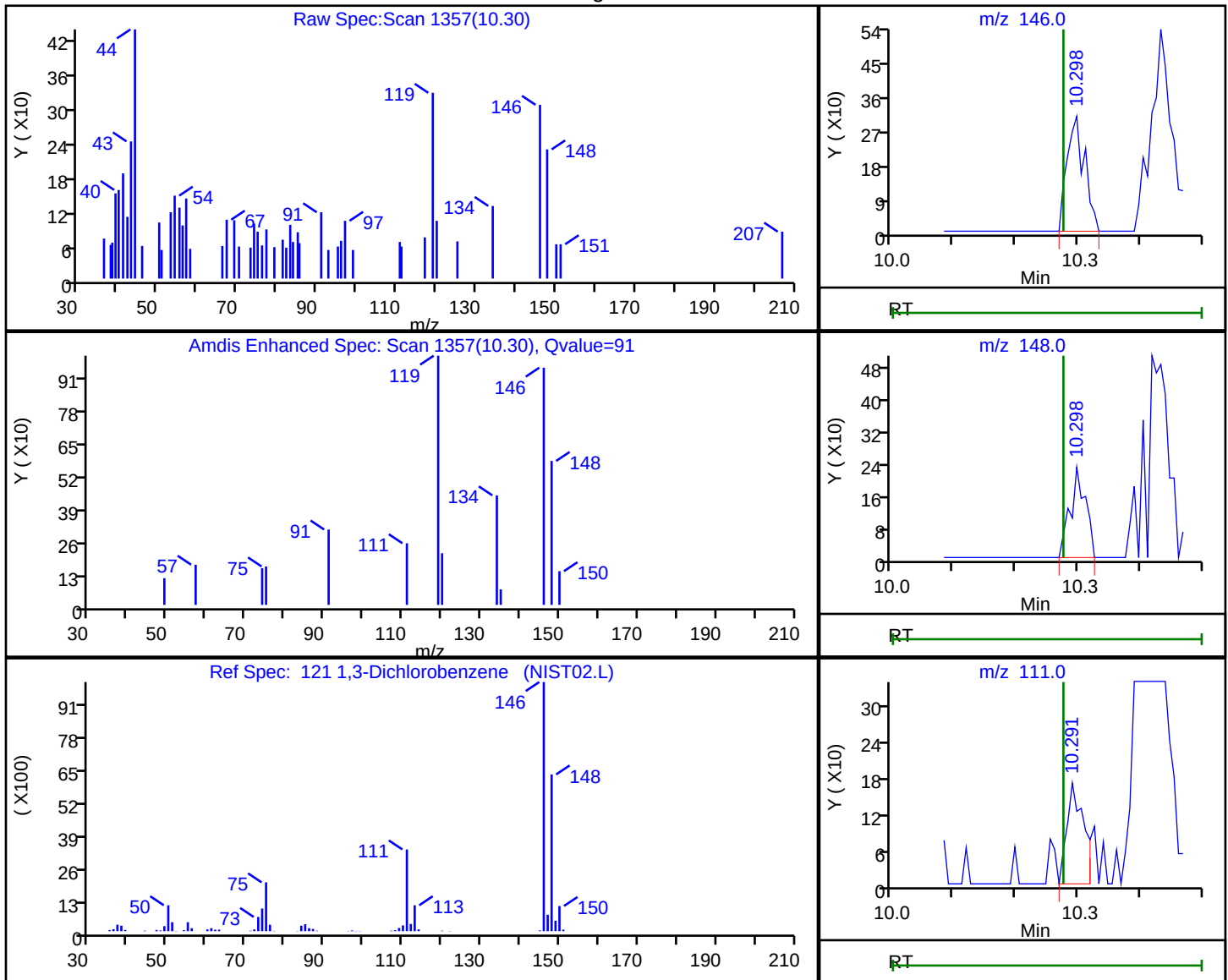
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

121 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.30	146.00	602	0.090841
10.30	148.00	389	
10.29	111.00	316	

Reviewer: pakanatir, 25-Sep-2019 13:35:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

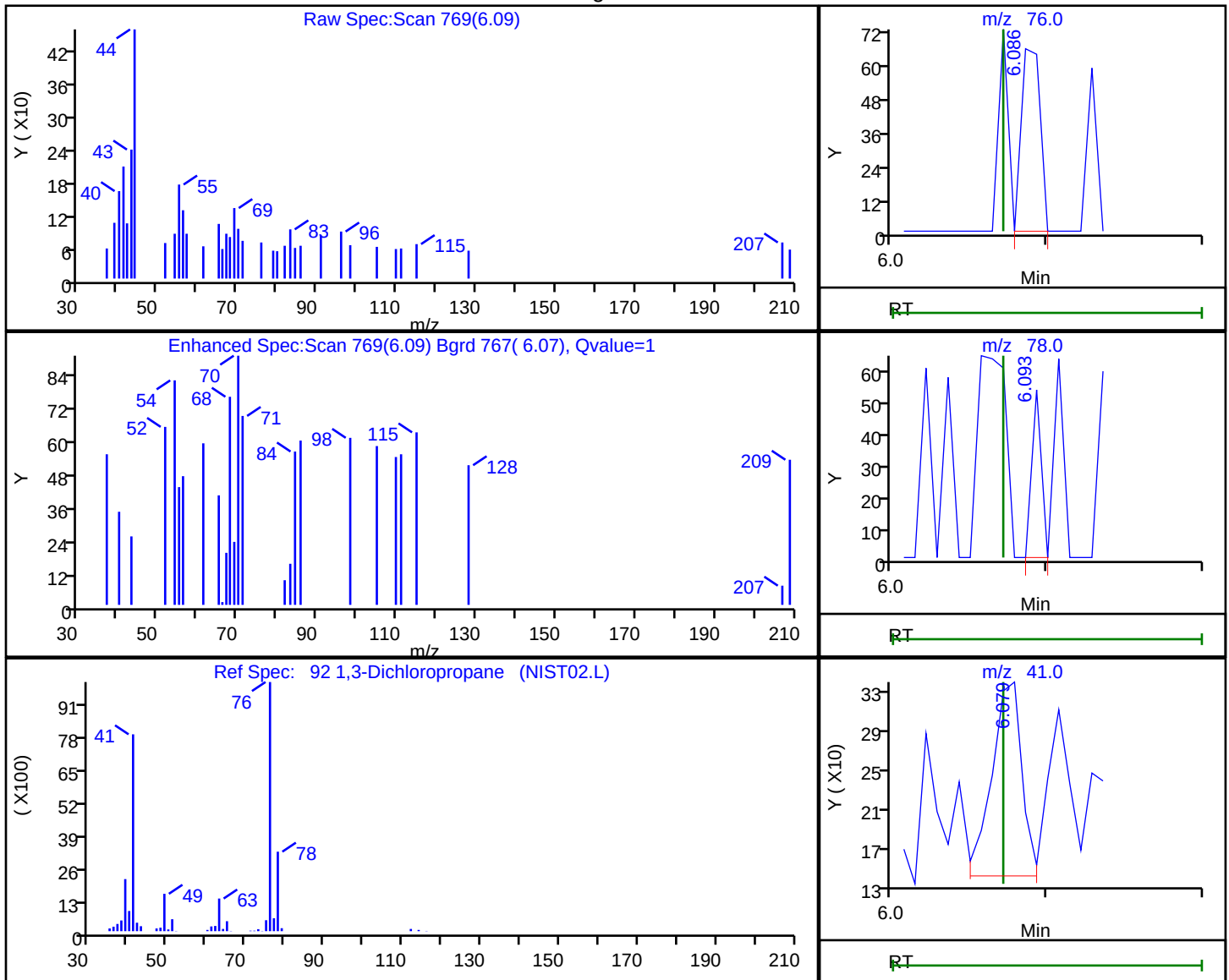
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

92 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
6.09	76.00	56	0.015441
6.09	78.00	23	
6.08	41.00	267	

Reviewer: pakanatir, 25-Sep-2019 13:35:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

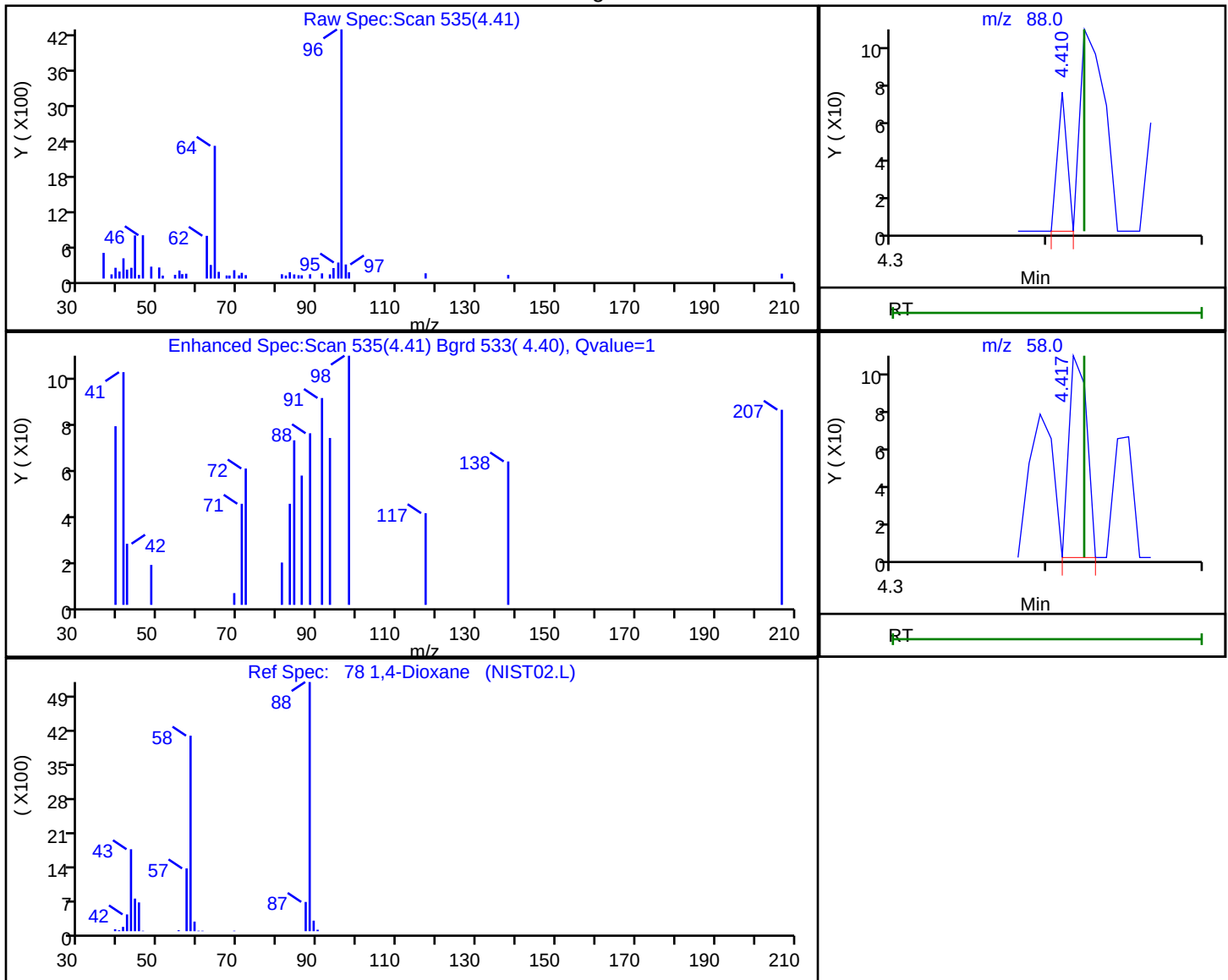
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

78 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
4.41	88.00	31	1.140522
4.42	58.00	86	

Reviewer: pakanatir, 25-Sep-2019 13:34:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

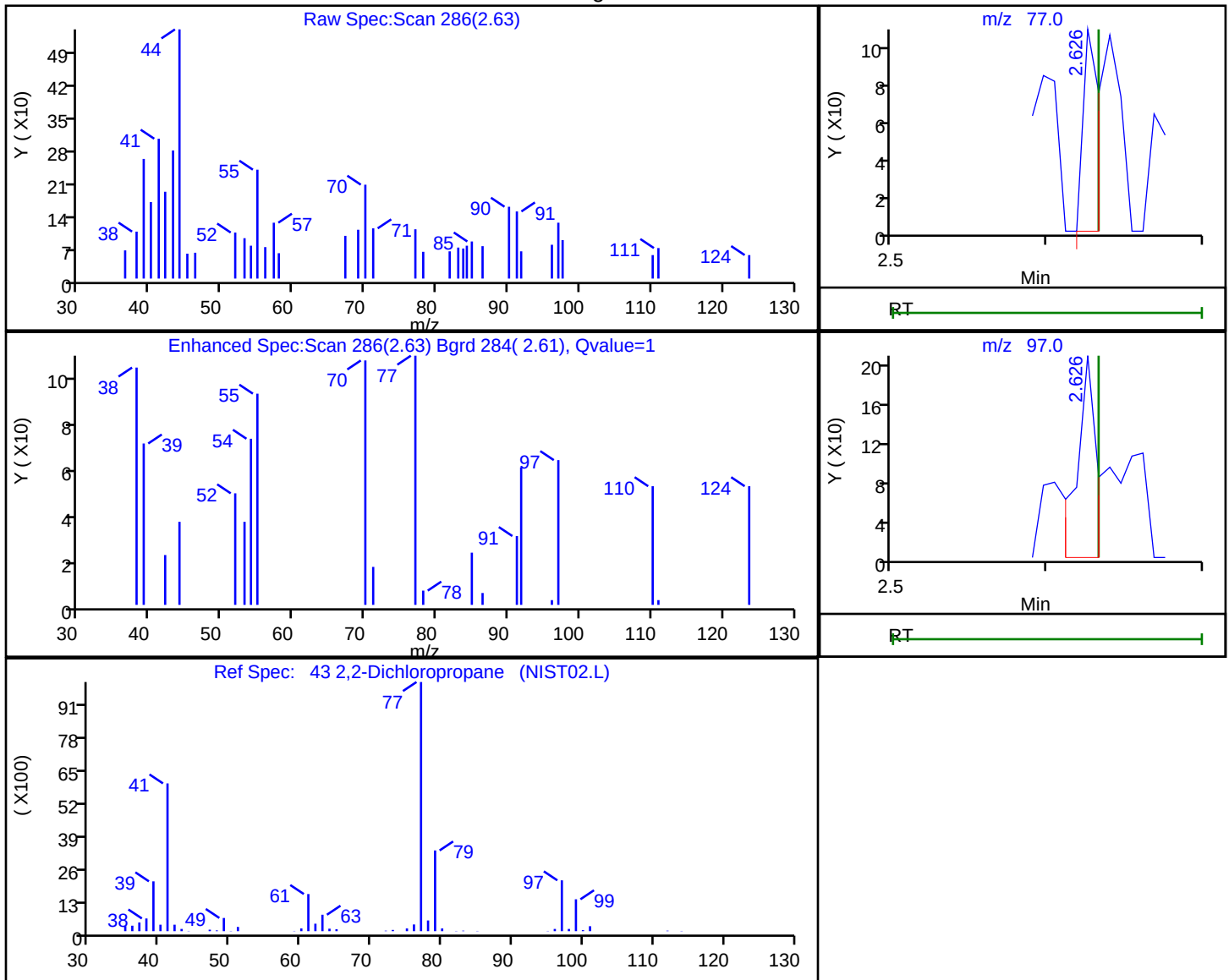
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
2.63	77.00	76	0.020107
2.63	97.00	176	

Reviewer: pakanatir, 25-Sep-2019 13:33:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

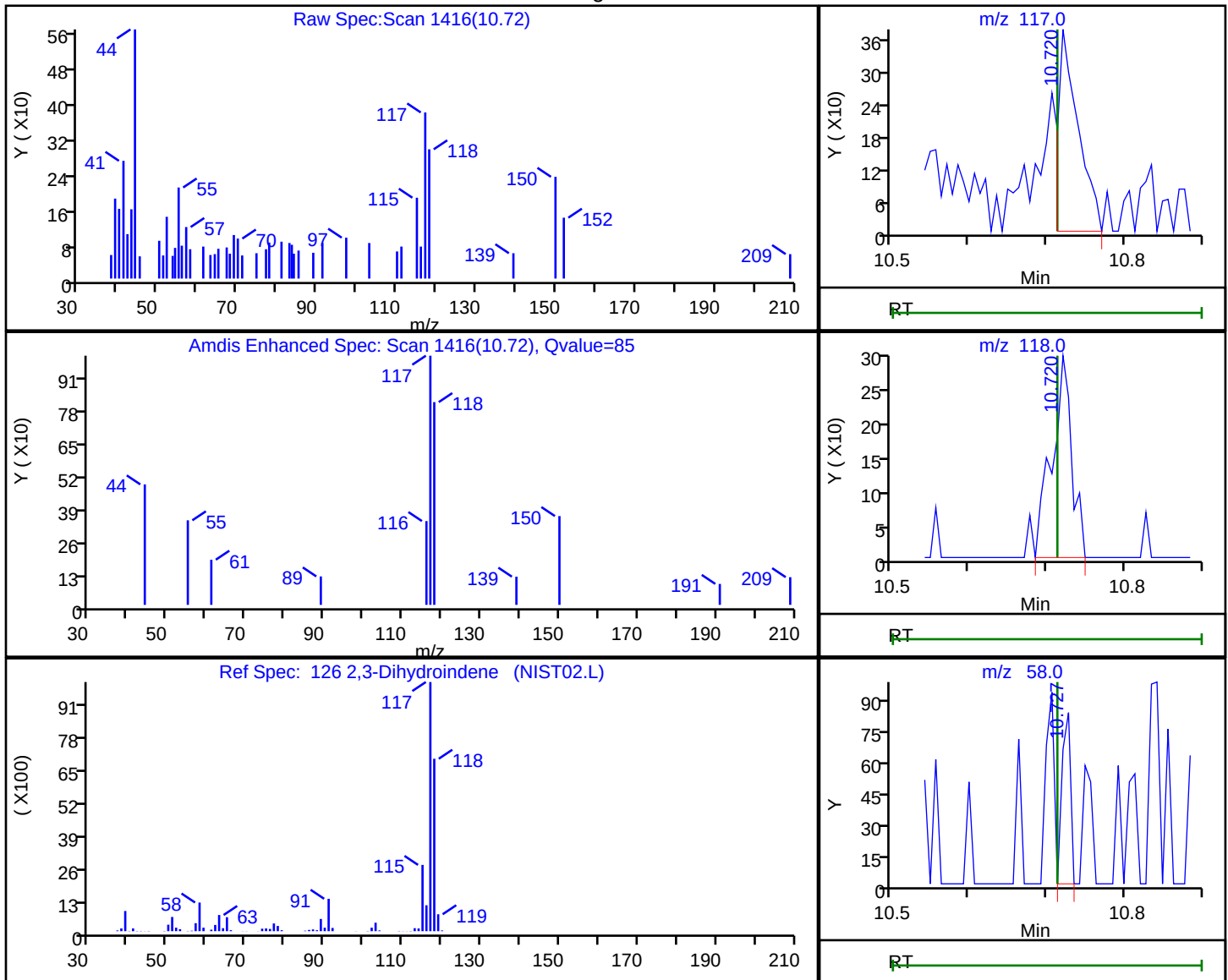
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

126 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.72	117.00	665	0.056469
10.72	118.00	520	
10.73	58.00	64	

Reviewer: pakanatir, 25-Sep-2019 13:35:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

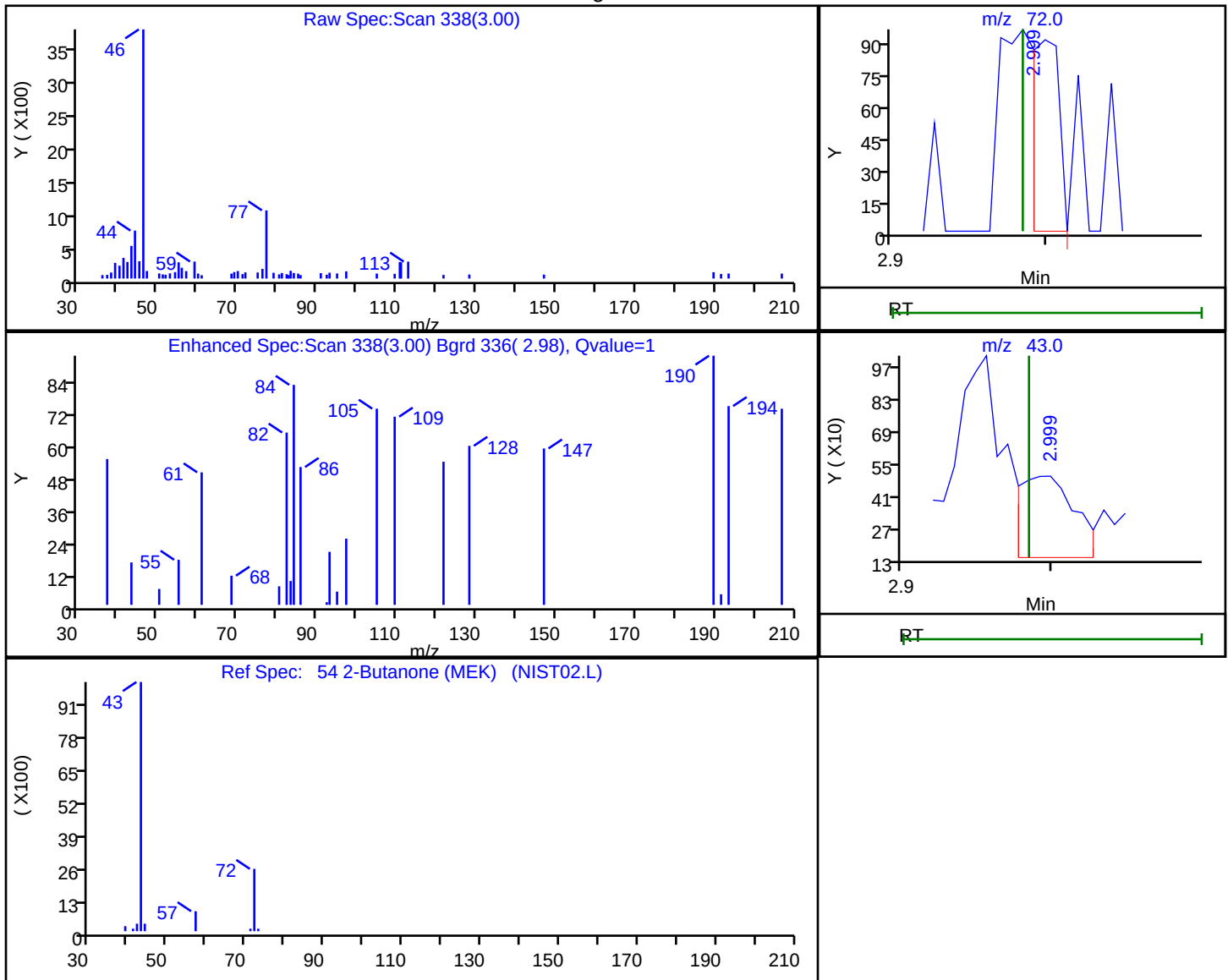
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.00	72.00	115	0.421836
3.00	43.00	932	

Reviewer: pakanatir, 25-Sep-2019 13:34:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

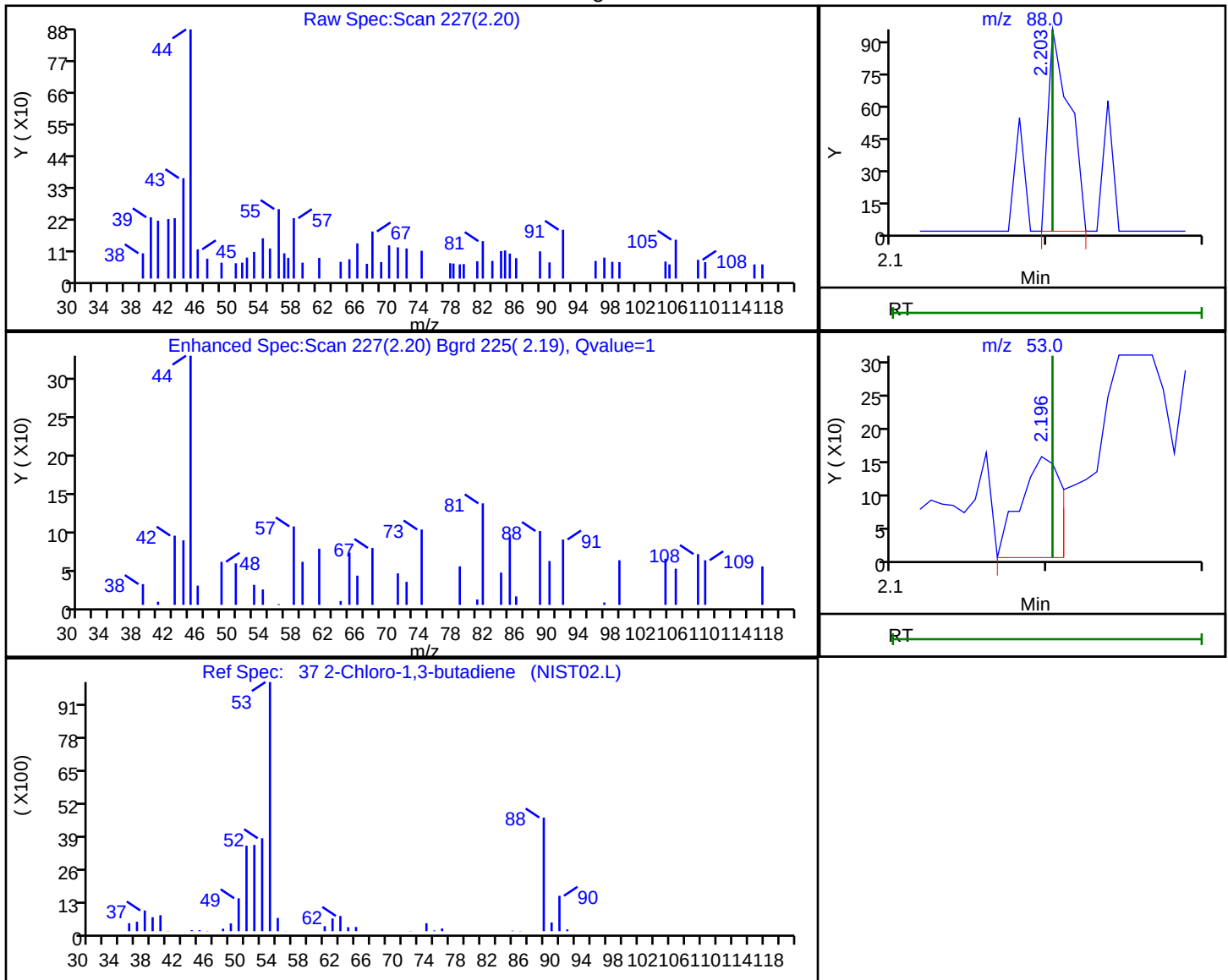
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

37 2-Chloro-1,3-butadiene, CAS: 126-99-8

Processing Results



RT	Mass	Response	Amount
2.20	88.00	93	0.038146
2.20	53.00	284	

Reviewer: pakanatir, 25-Sep-2019 13:33:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

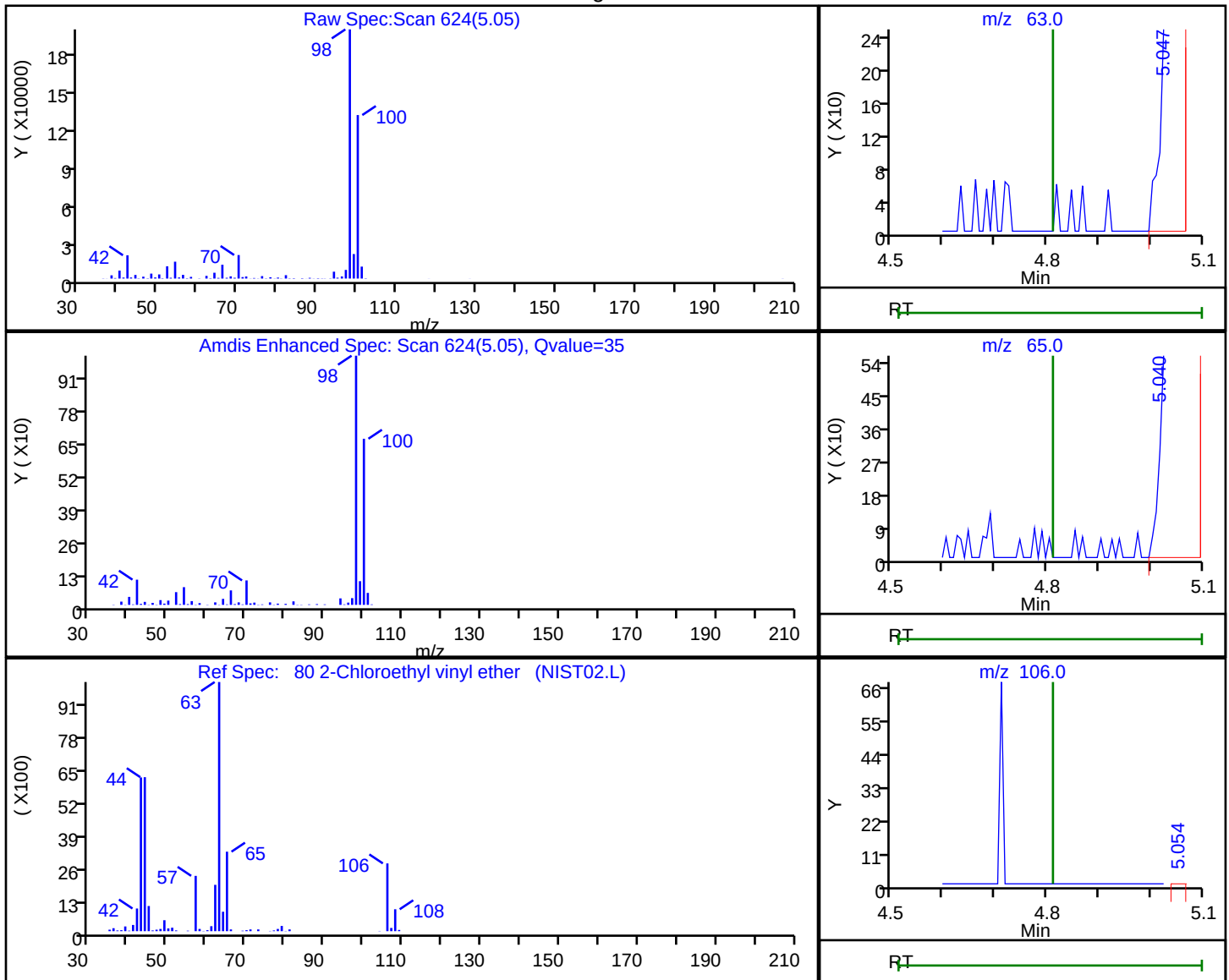
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

80 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
5.05	63.00	681	0.471328
5.04	65.00	1799	
5.05	106.00	24	

Reviewer: pakanatir, 25-Sep-2019 13:35:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

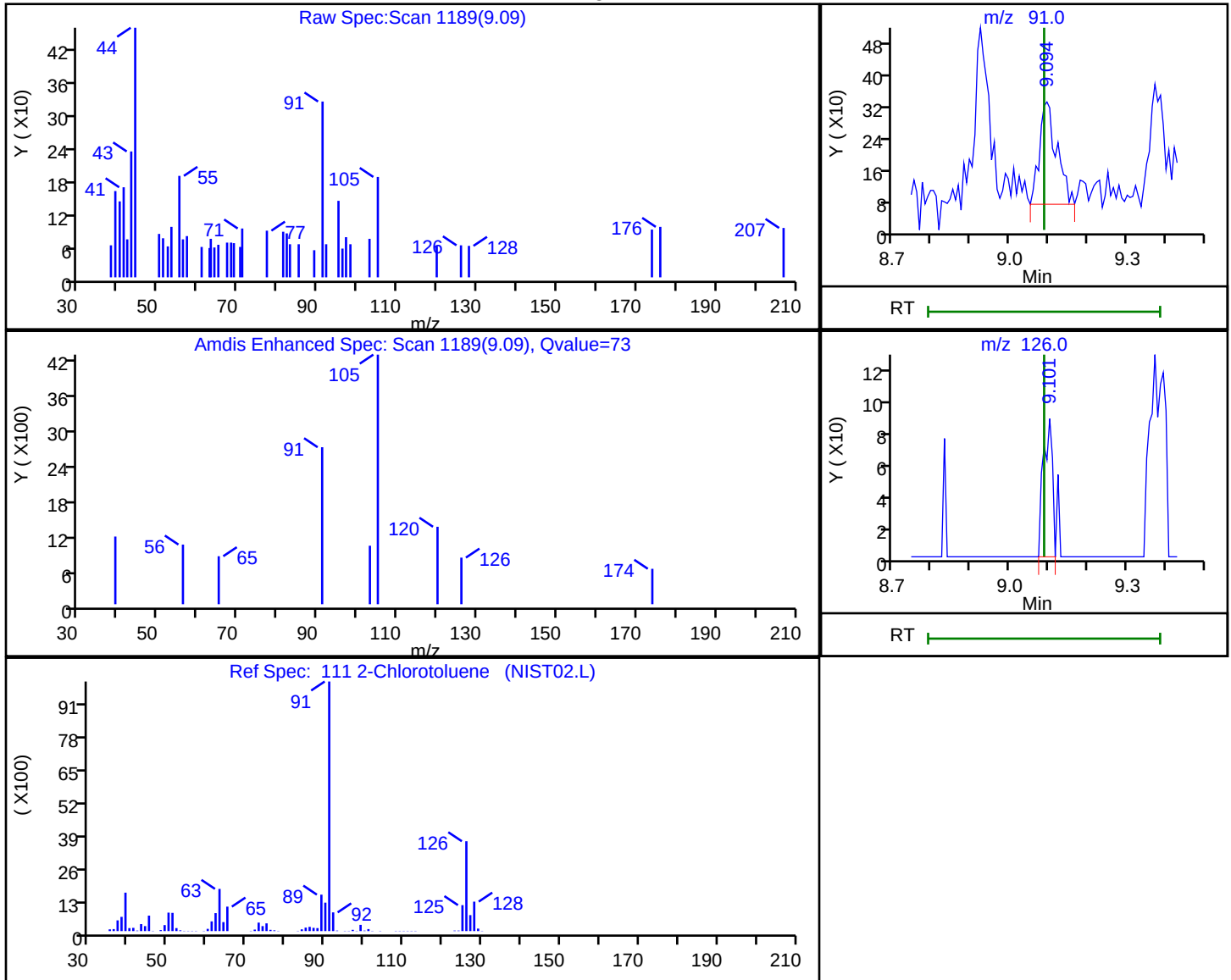
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

111 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
9.09	91.00	805	0.081354
9.10	126.00	138	

Reviewer: pakanatir, 25-Sep-2019 13:35:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

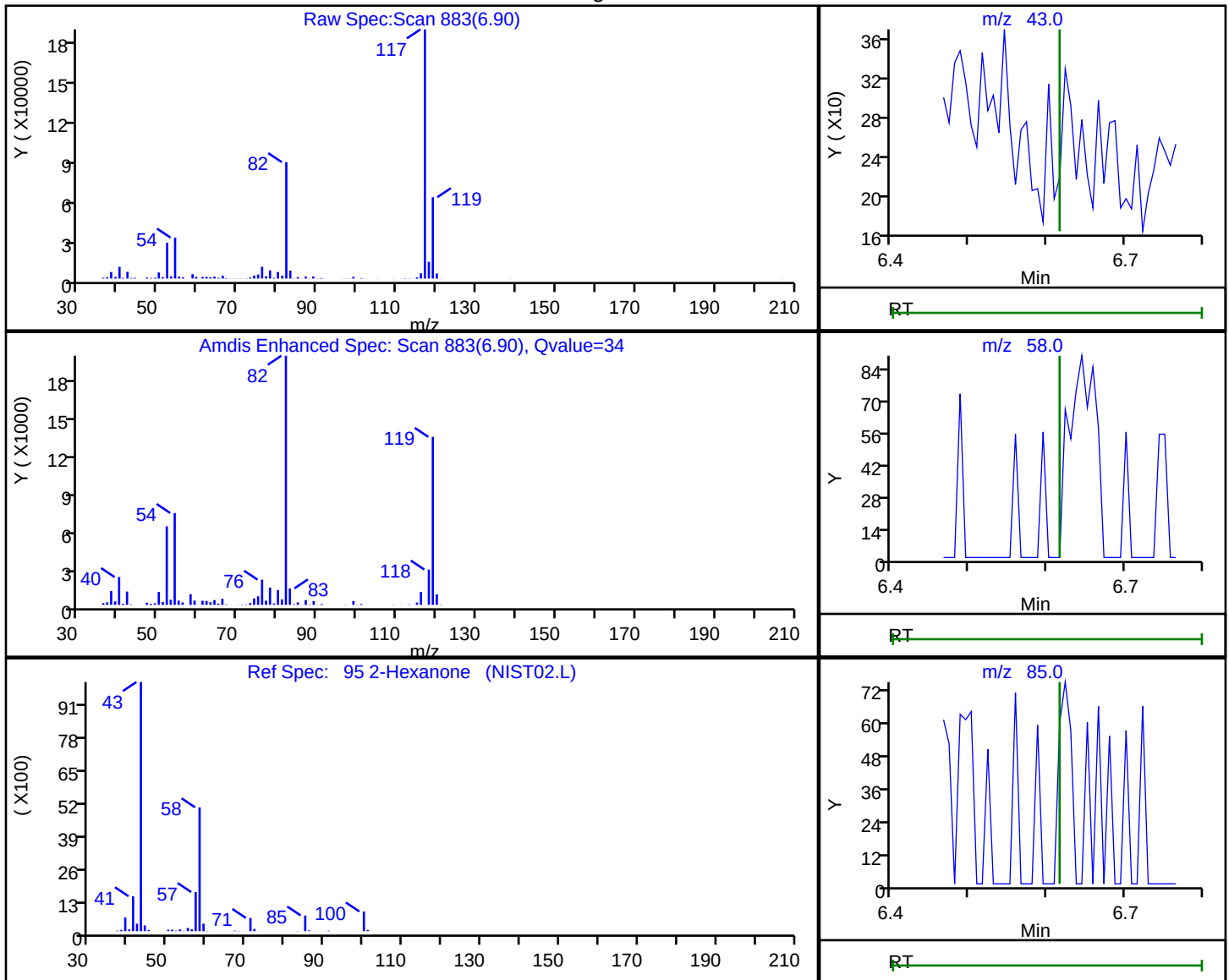
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

95 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
6.90	43.00	332	0.273406
6.89	58.00	9846	
6.90	85.00	2831	
6.91	100.00	40	

Reviewer: pakanatir, 25-Sep-2019 13:35:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

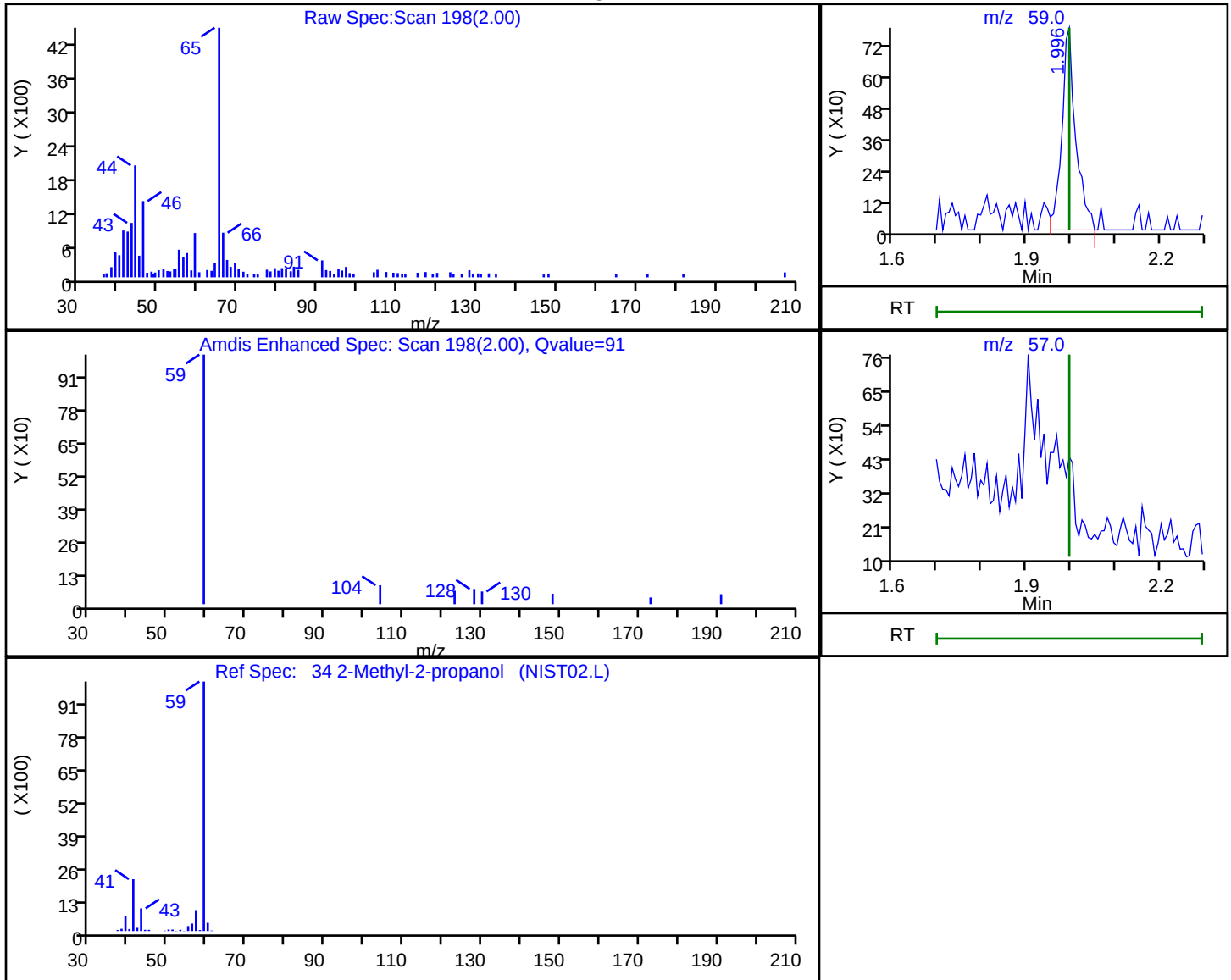
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

34 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.00	59.00	1724	6.762309

Reviewer: pakanatir, 25-Sep-2019 13:32:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

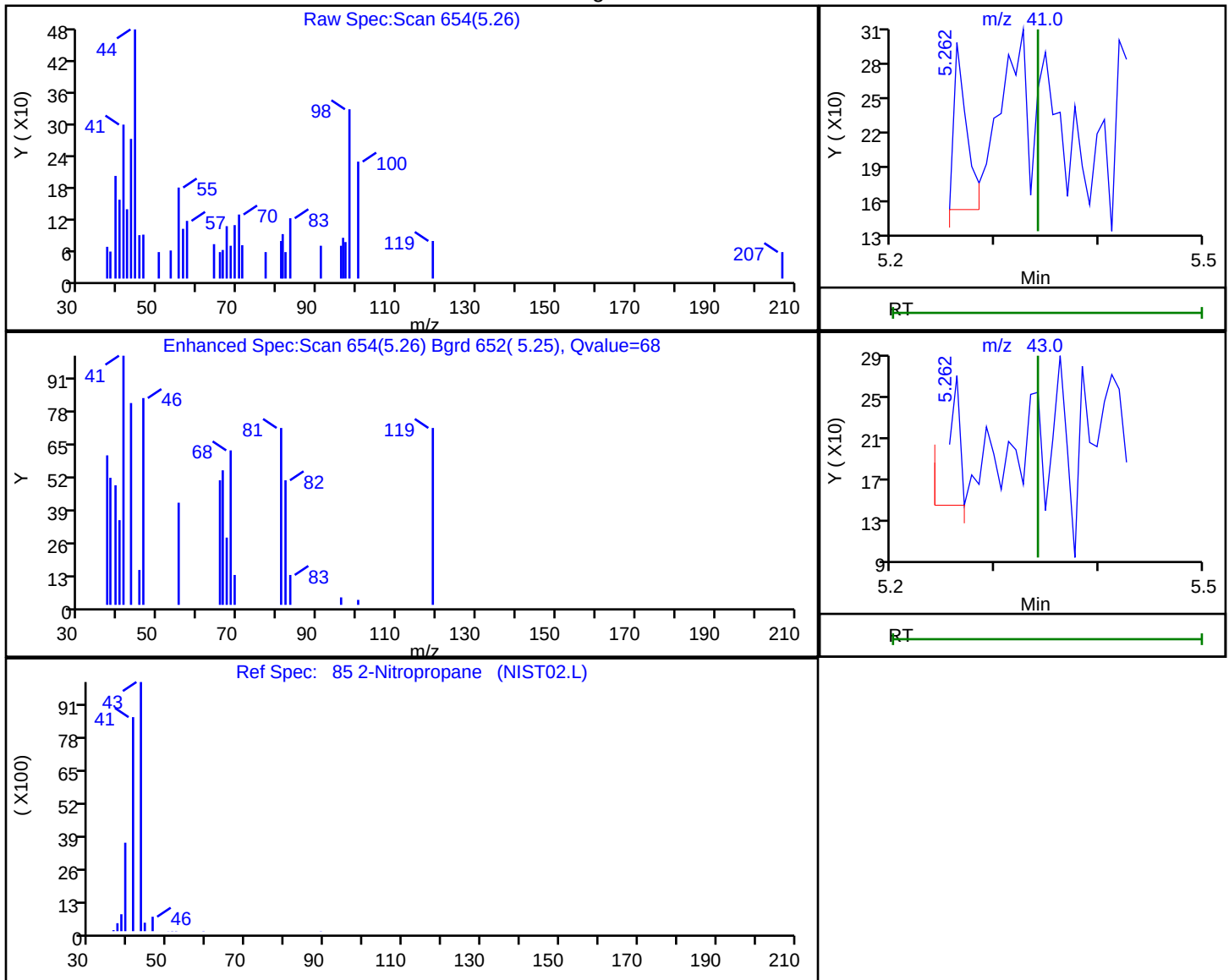
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
5.26	41.00	120	0.195570
5.26	43.00	108	

Reviewer: pakanatir, 25-Sep-2019 13:35:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

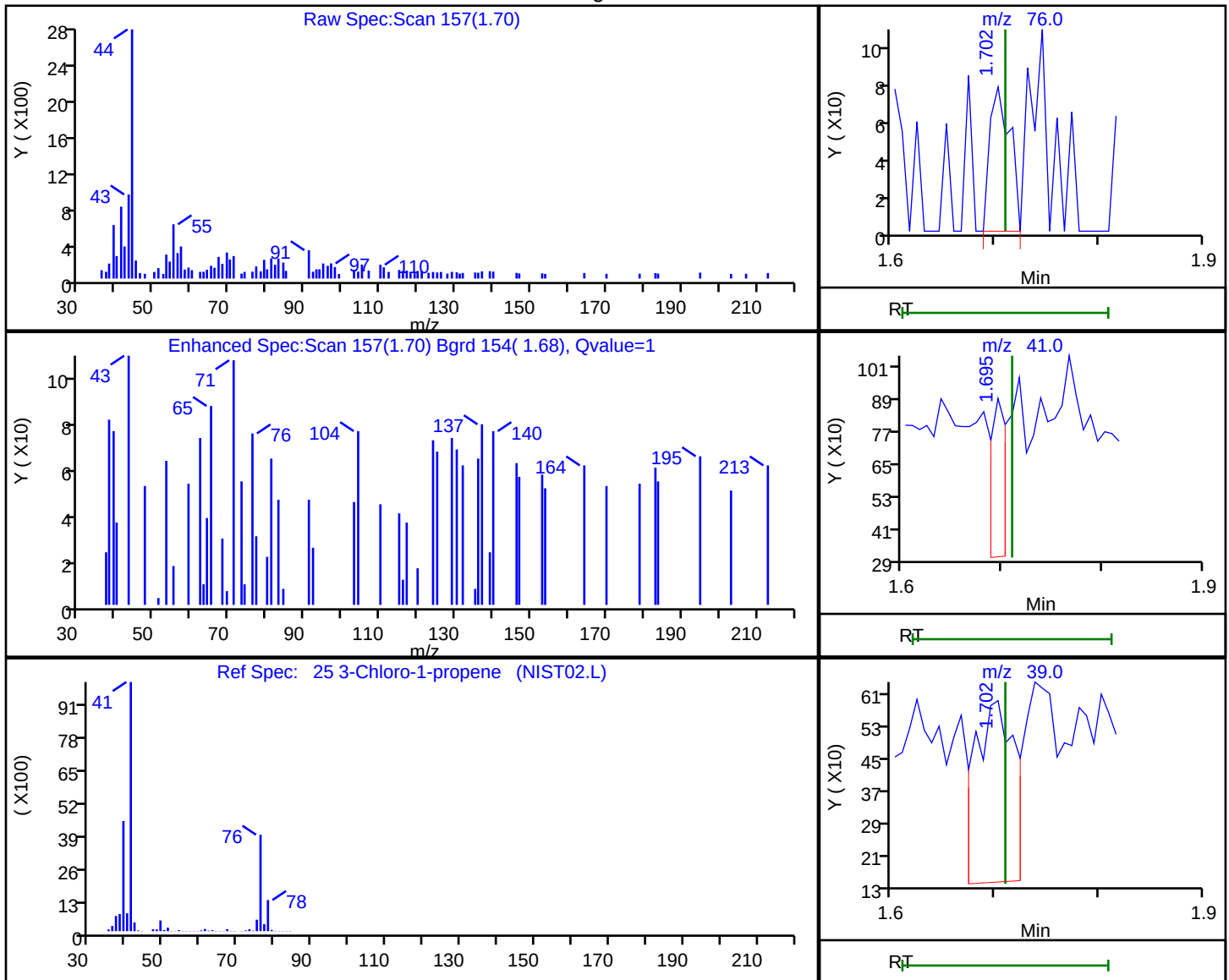
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
1.70	76.00	102	0.055212
1.69	41.00	647	
1.70	39.00	1224	

Reviewer: pakanatir, 25-Sep-2019 13:32:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

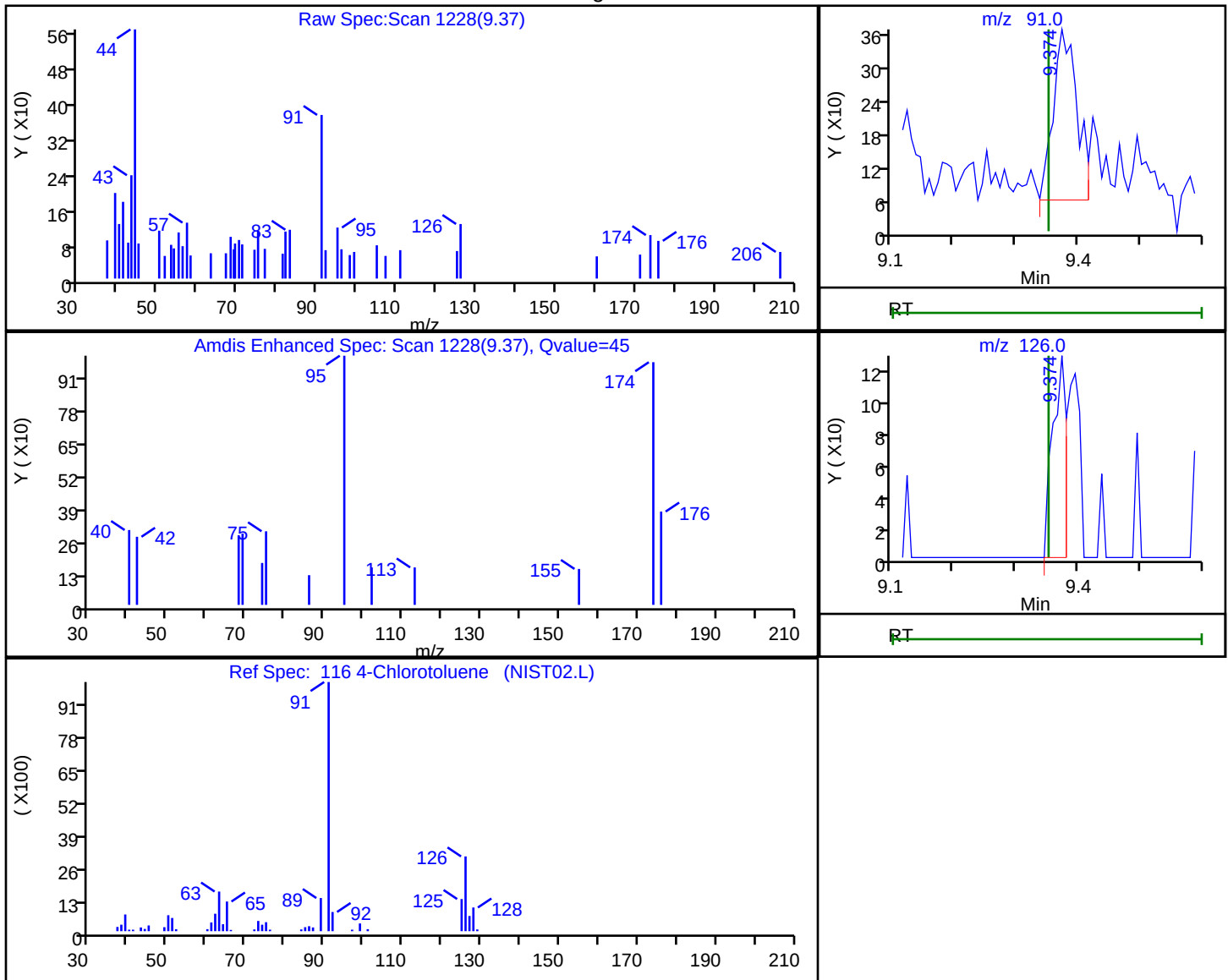
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

116 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
9.37	91.00	837	0.094853
9.37	126.00	188	

Reviewer: pakanatir, 25-Sep-2019 13:35:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

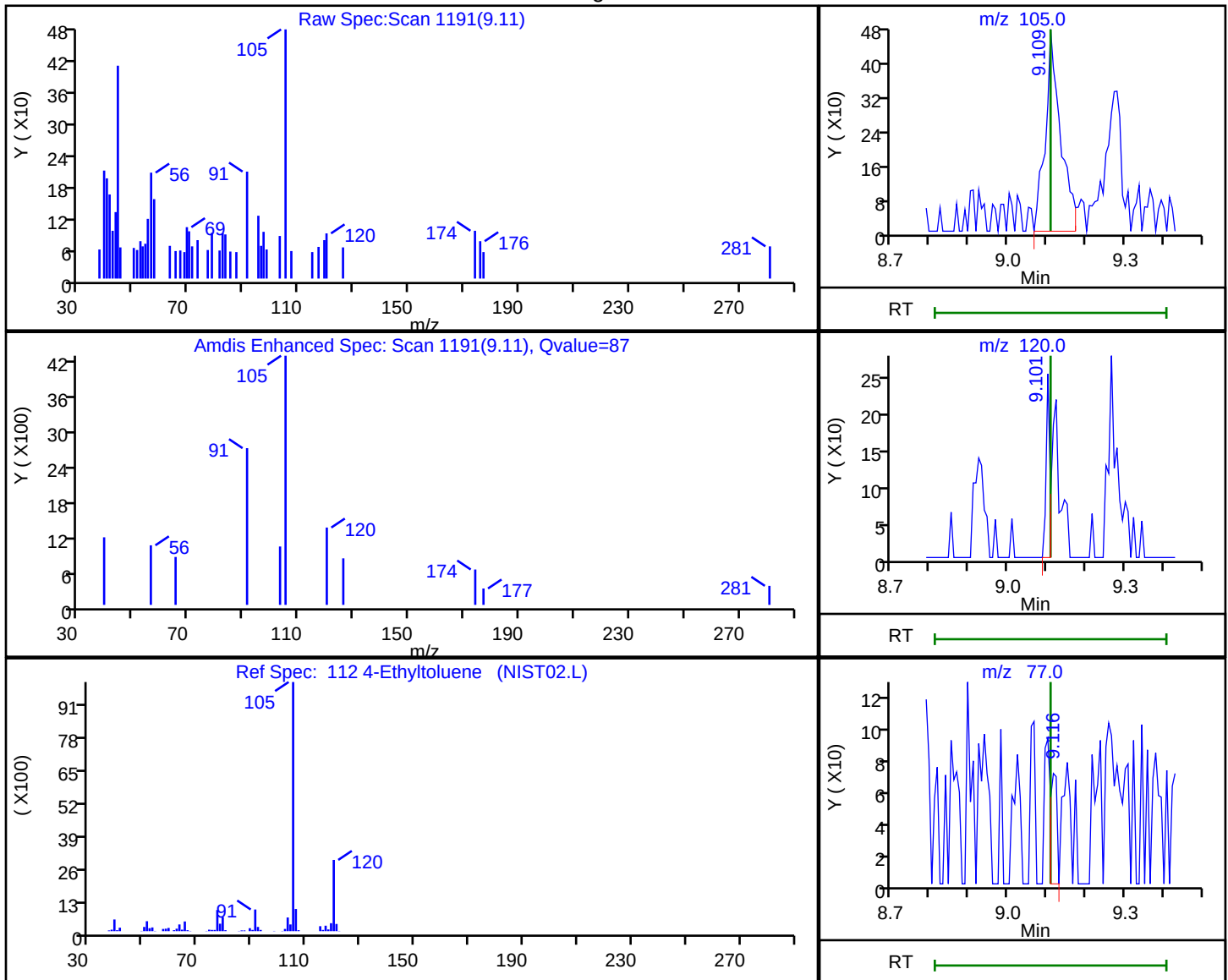
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.11	105.00	1312	0.109659
9.10	120.00	170	
9.12	77.00	83	

Reviewer: pakanatir, 25-Sep-2019 13:35:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

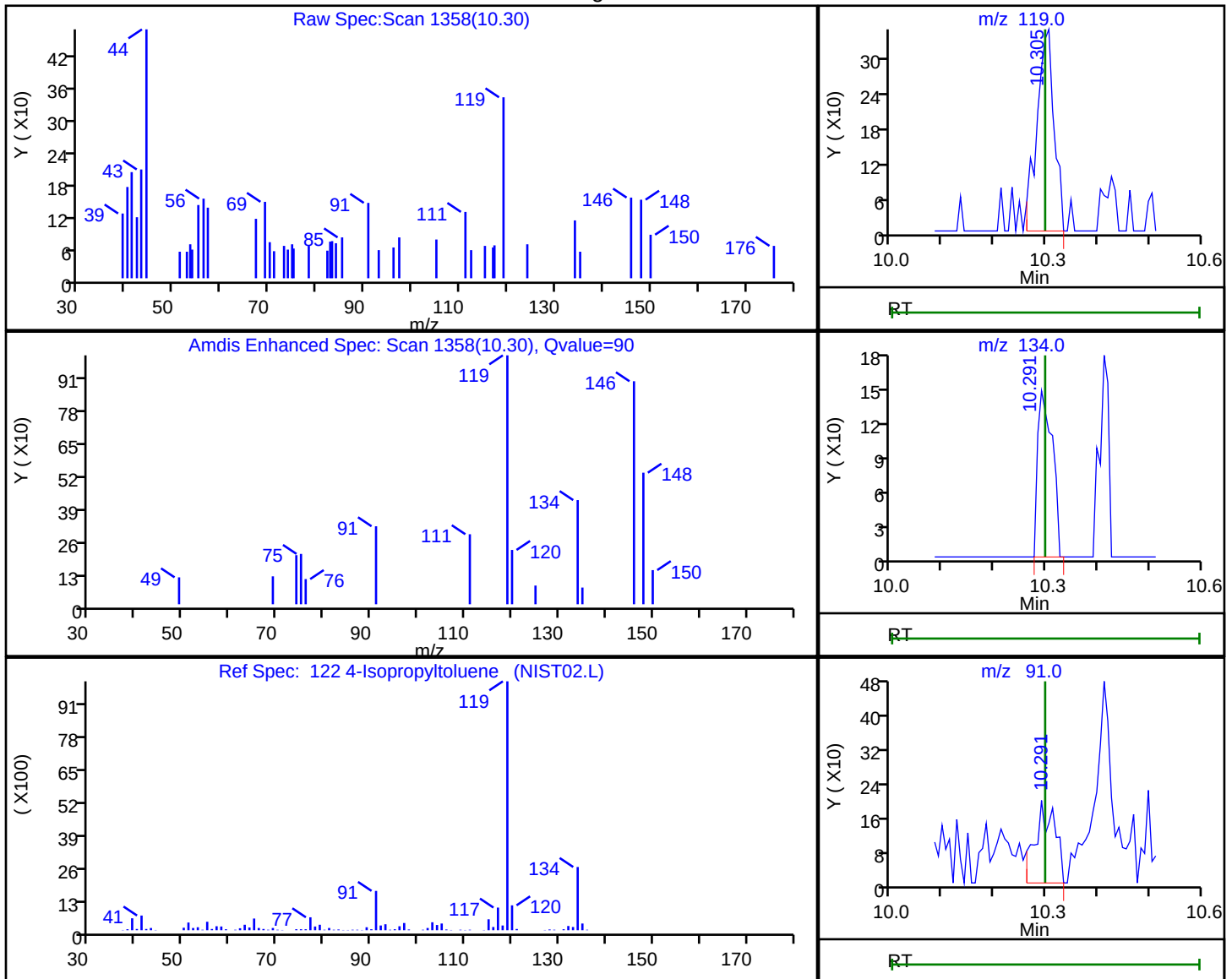
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.30	119.00	794	0.080672
10.29	134.00	285	
10.29	91.00	515	

Reviewer: pakanatir, 25-Sep-2019 13:35:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

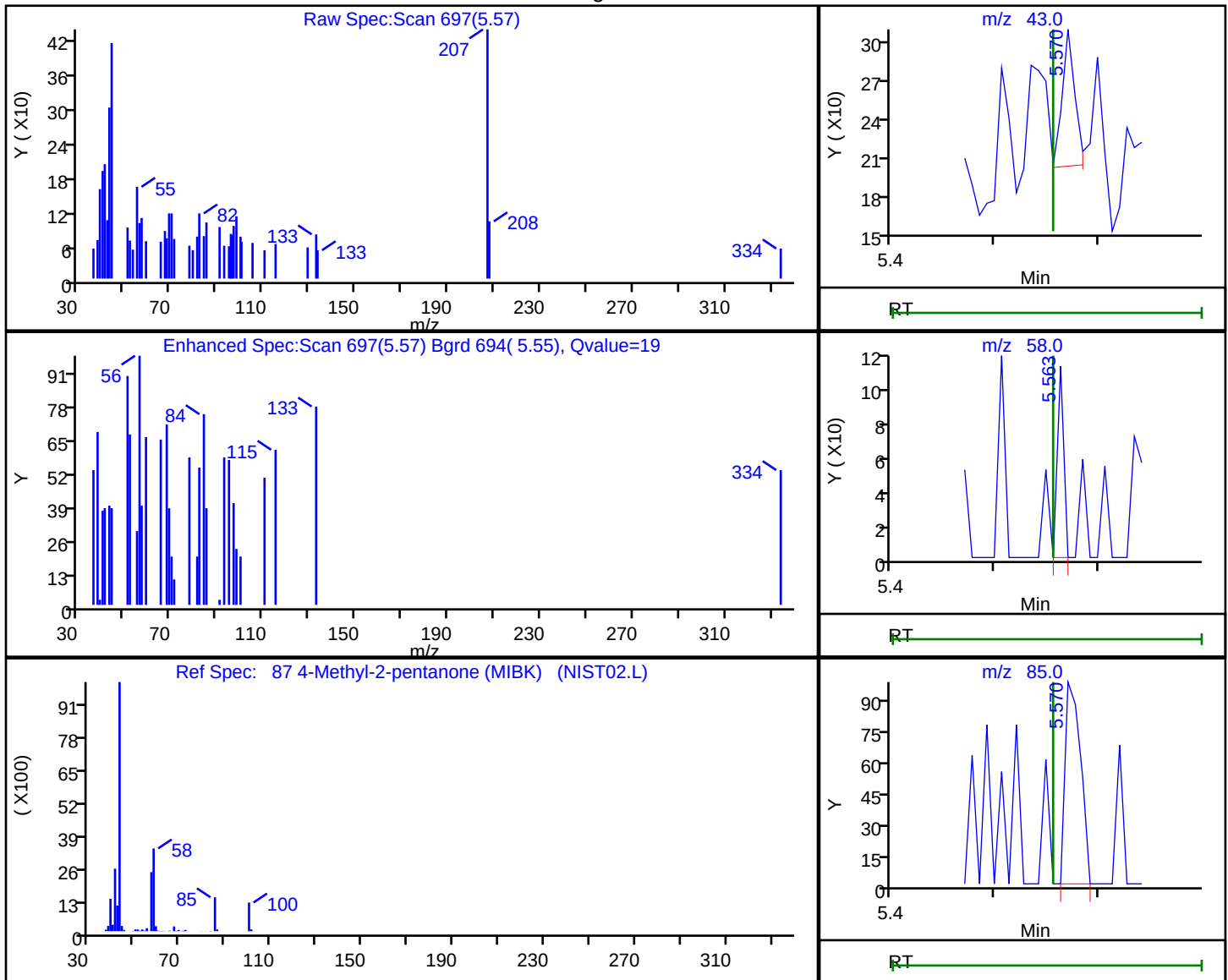
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.57	43.00	89	0.050290
5.56	58.00	47	
5.57	85.00	103	
5.57	100.00	87	

Reviewer: pakanatir, 25-Sep-2019 13:35:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

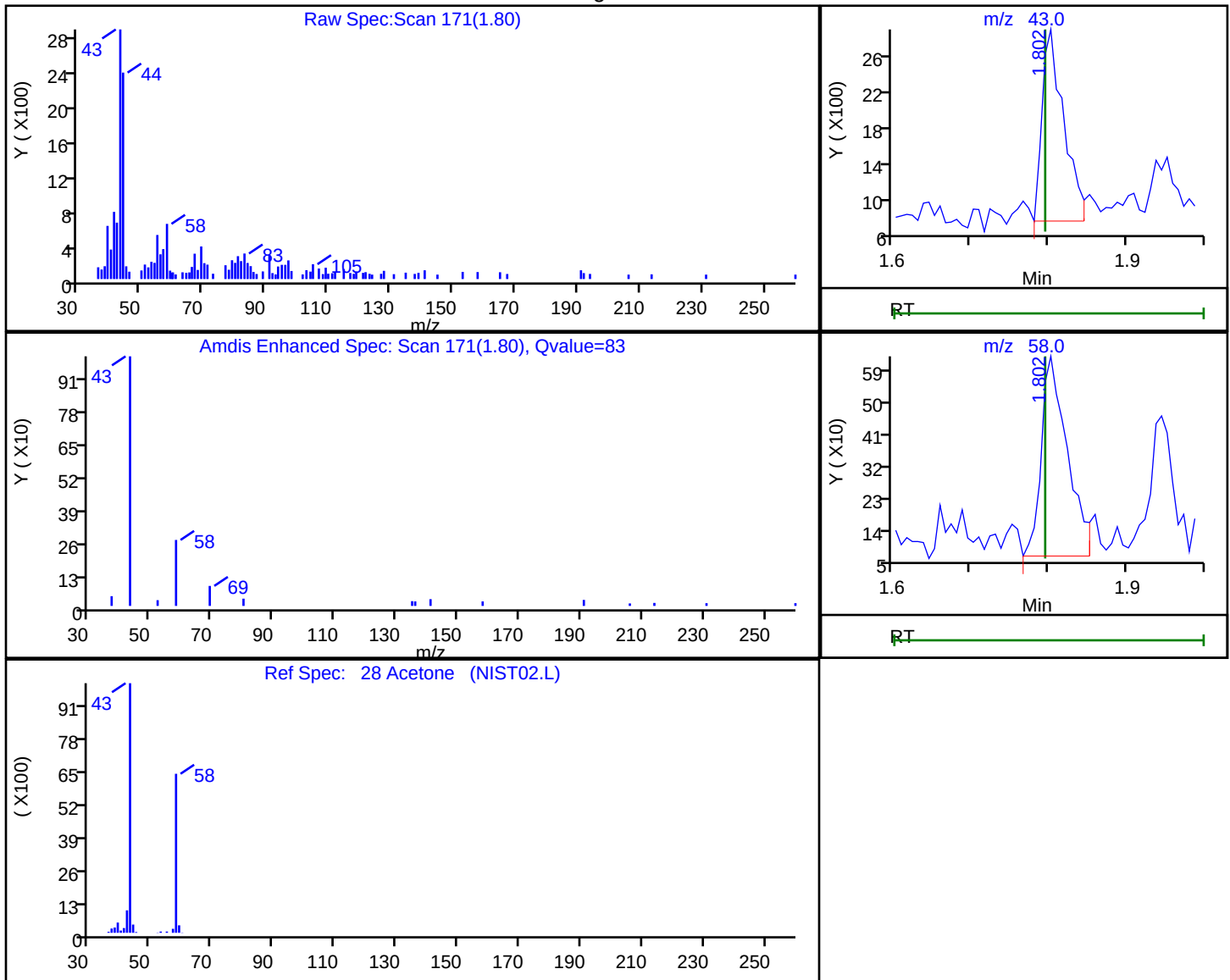
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

28 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.80	43.00	3963	6.215328
1.80	58.00	1327	

Reviewer: pakanatir, 25-Sep-2019 13:32:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

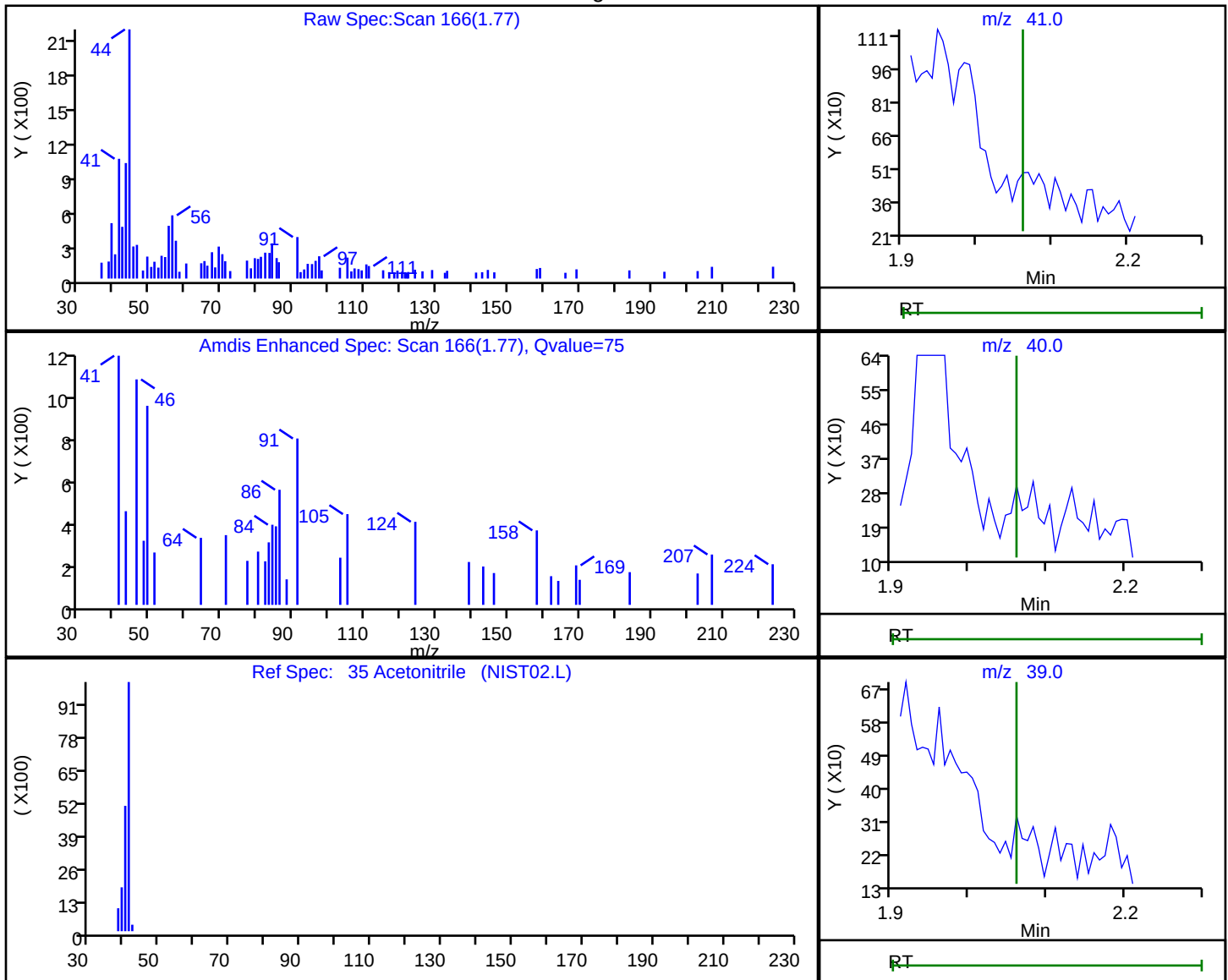
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

35 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.77	41.00	410	1.958522
1.77	40.00	103	
1.78	39.00	138	
1.78	38.00	63	

Reviewer: pakanatir, 25-Sep-2019 13:33:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

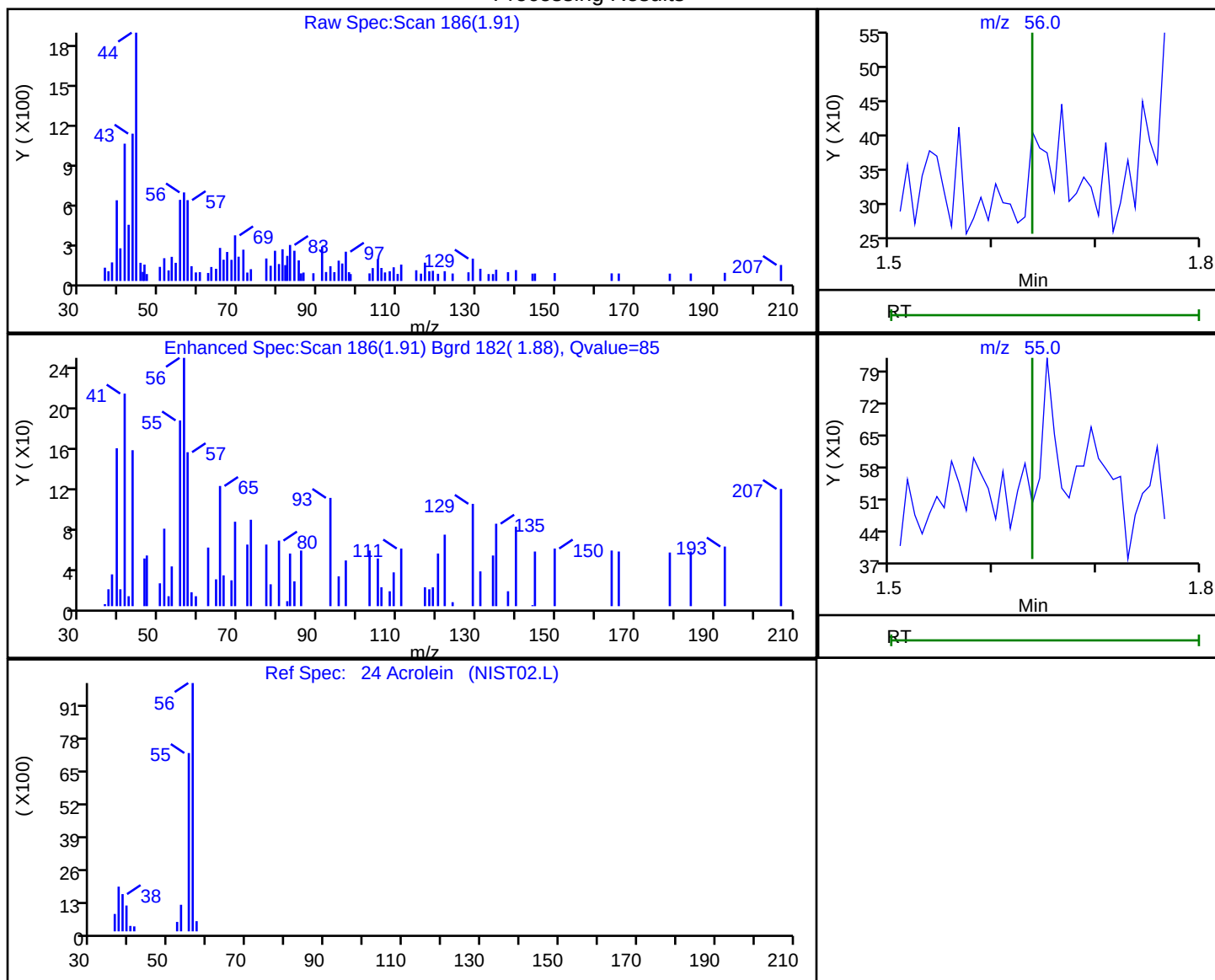
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

24 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
1.91	56.00	273	1.560983
1.91	55.00	72	

Reviewer: pakanatir, 25-Sep-2019 13:32:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

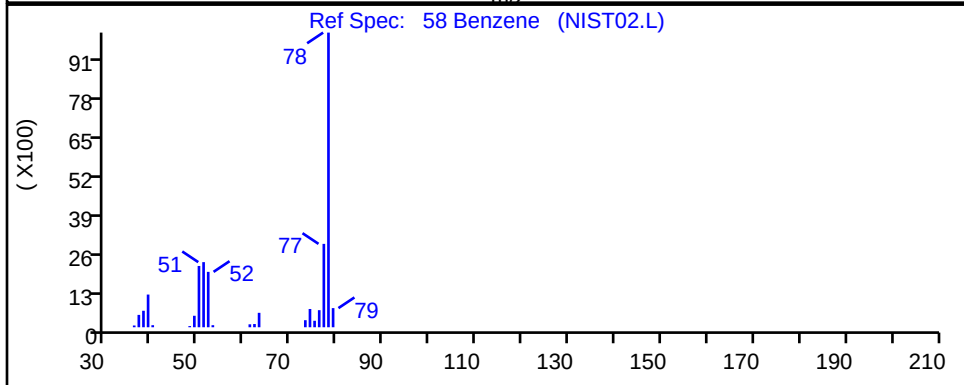
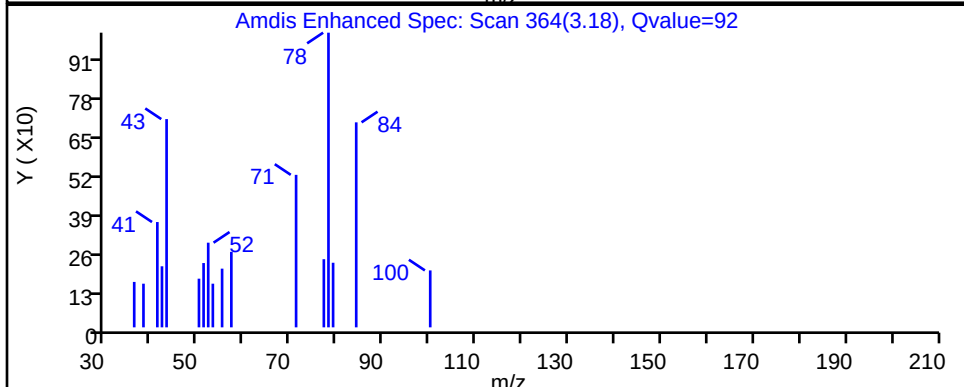
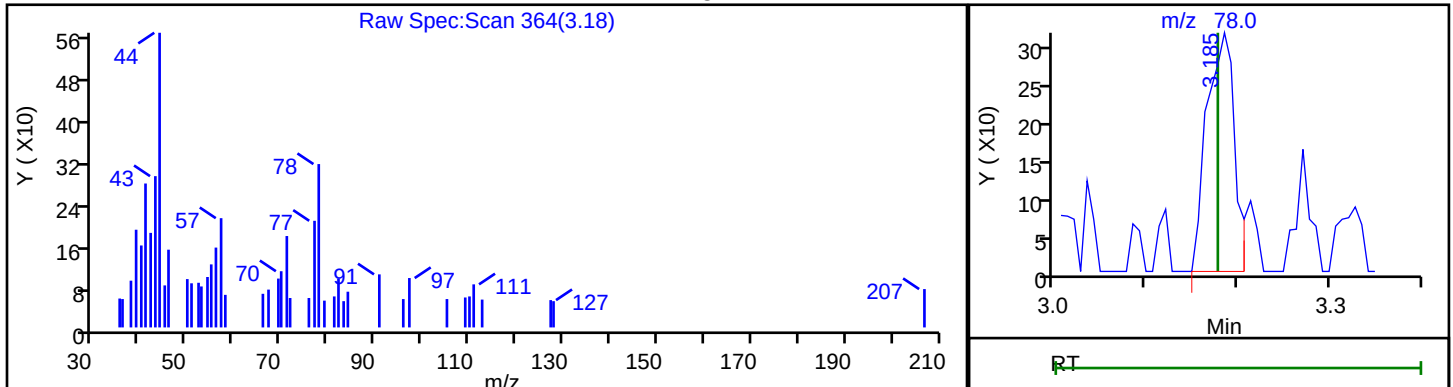
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

58 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
3.18	78.00	655	0.061861

Reviewer: pakanatir, 25-Sep-2019 13:34:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

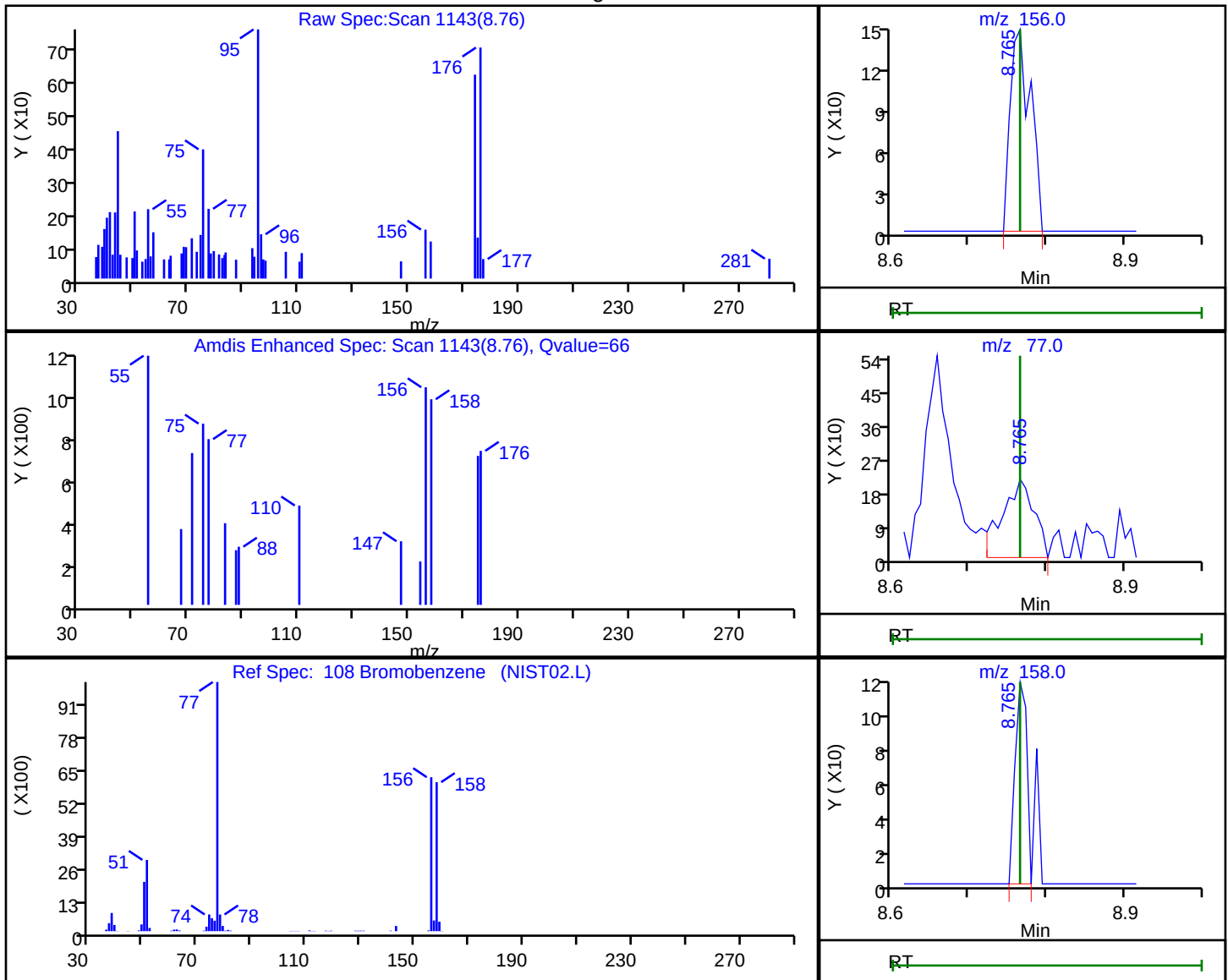
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

108 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
8.76	156.00	269	0.069351
8.76	77.00	604	
8.76	158.00	118	

Reviewer: pakanatir, 25-Sep-2019 13:35:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

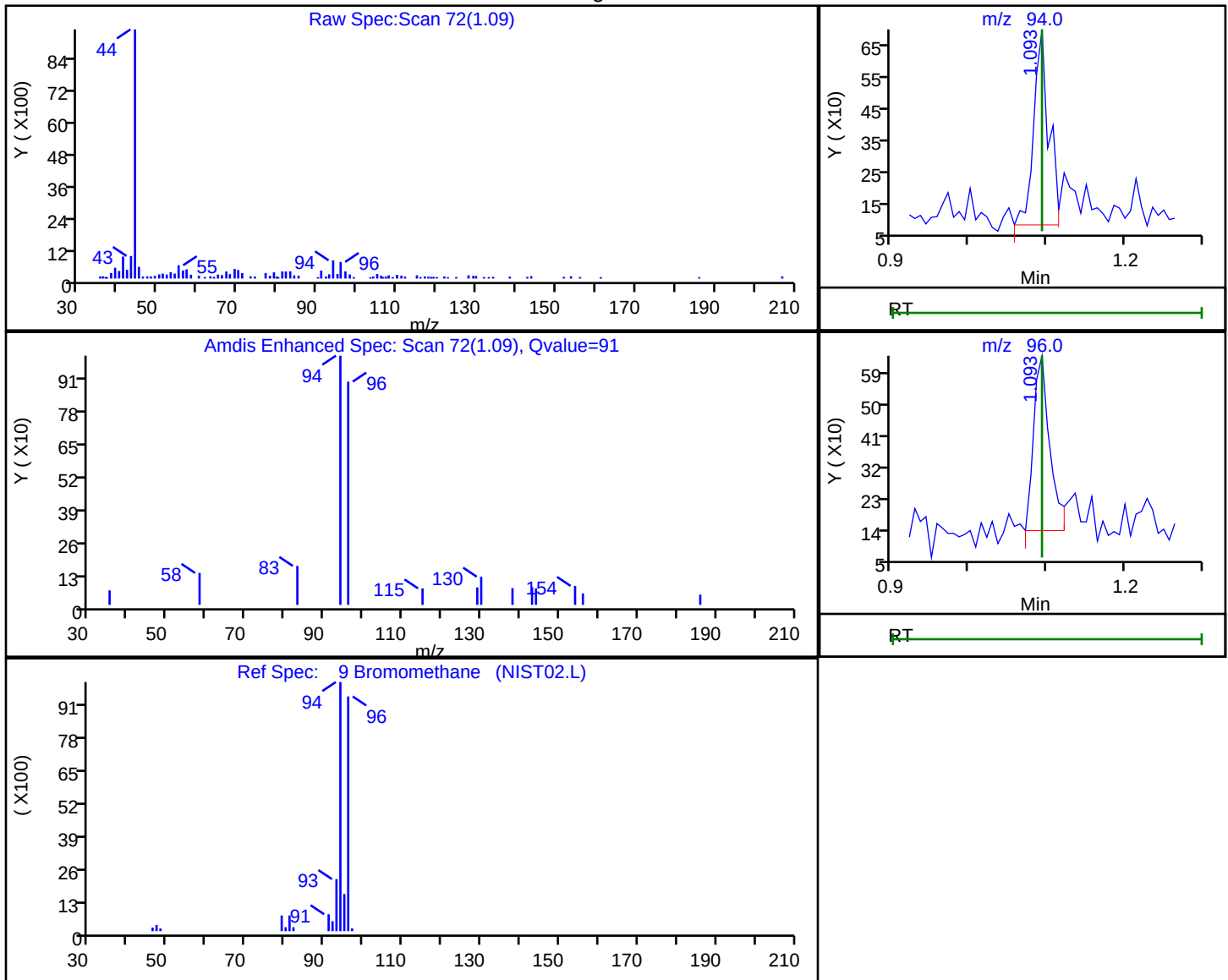
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.09	94.00	838	0.284507
1.09	96.00	726	

Reviewer: pakanatir, 25-Sep-2019 13:30:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

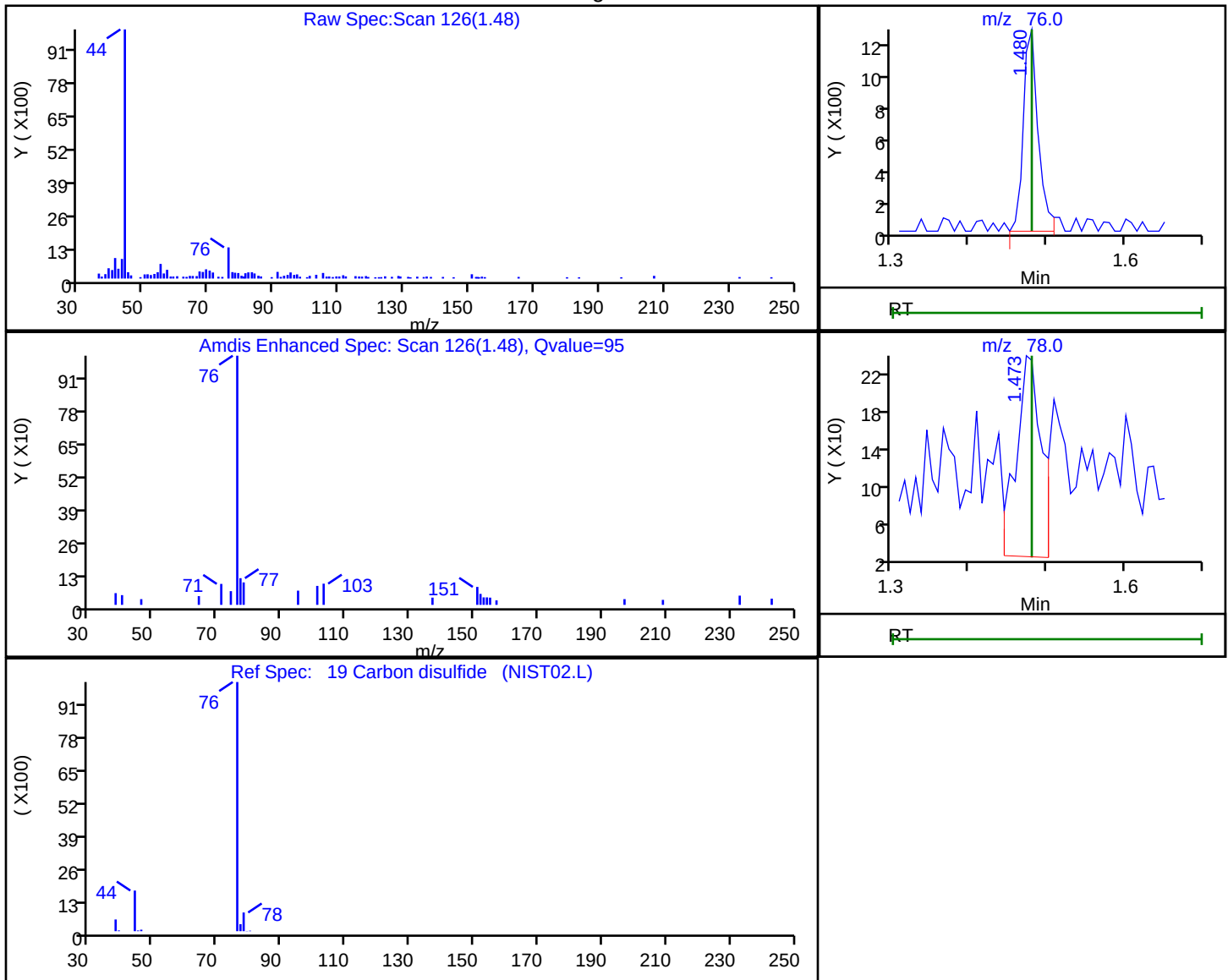
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

19 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
1.48	76.00	1636	0.167967
1.47	78.00	484	

Reviewer: pakanatir, 25-Sep-2019 13:31:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

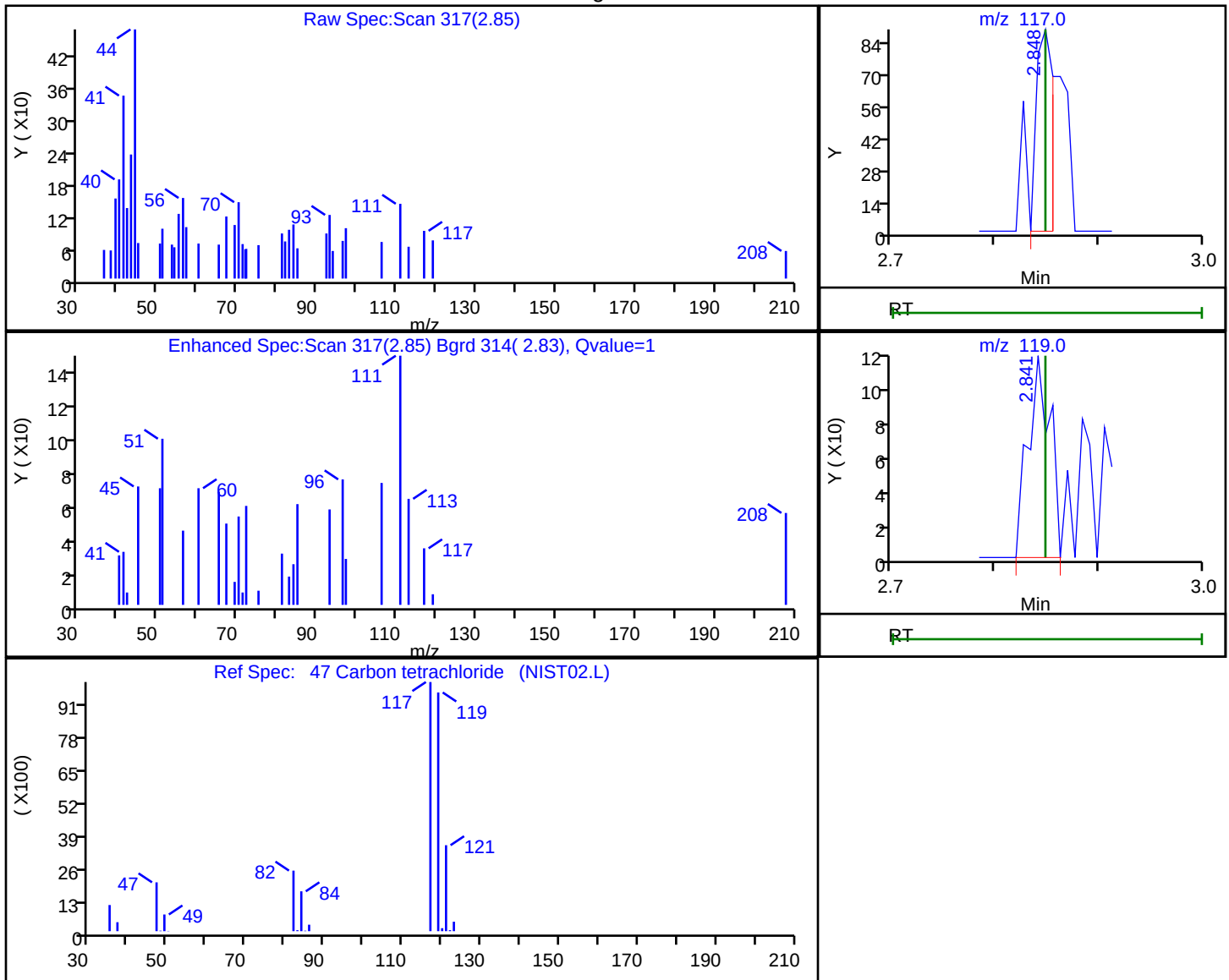
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

47 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
2.85	117.00	102	0.027314
2.84	119.00	175	

Reviewer: pakanatir, 25-Sep-2019 13:33:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

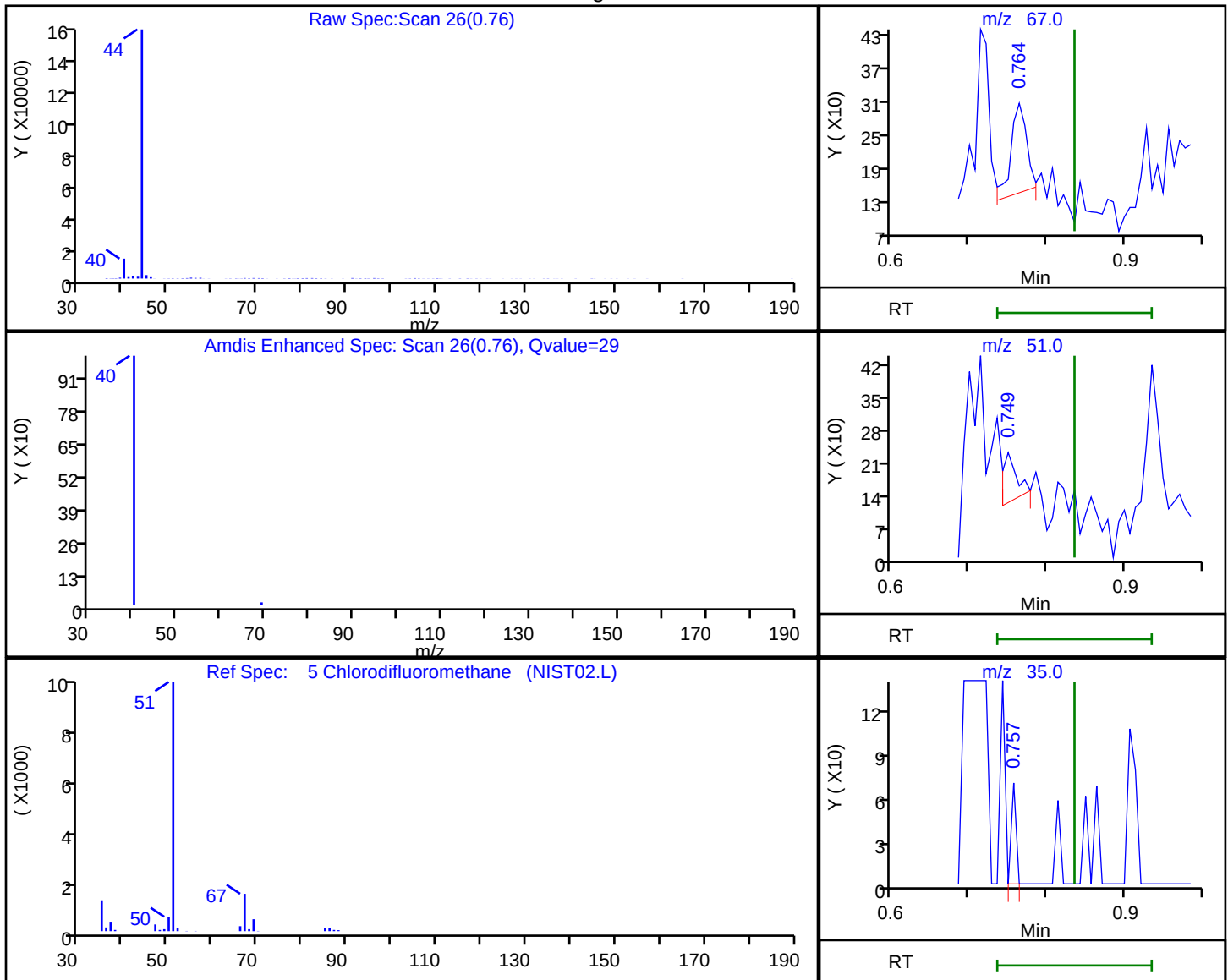
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
0.76	67.00	234	0.379664
0.75	51.00	128	
0.76	35.00	30	

Reviewer: pakanatir, 25-Sep-2019 13:30:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

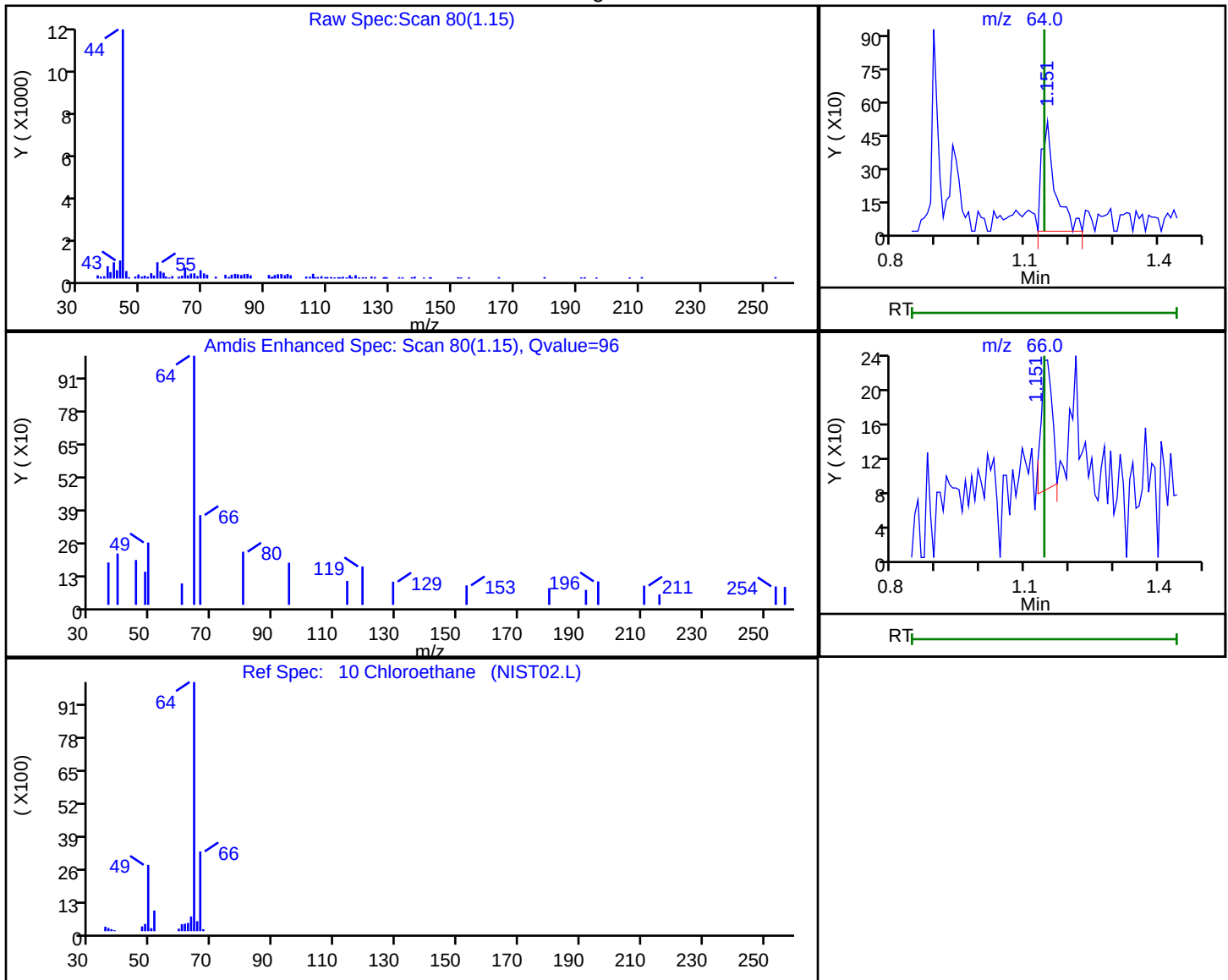
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.15	64.00	1056	0.398317
1.15	66.00	263	

Reviewer: pakanatir, 25-Sep-2019 13:30:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

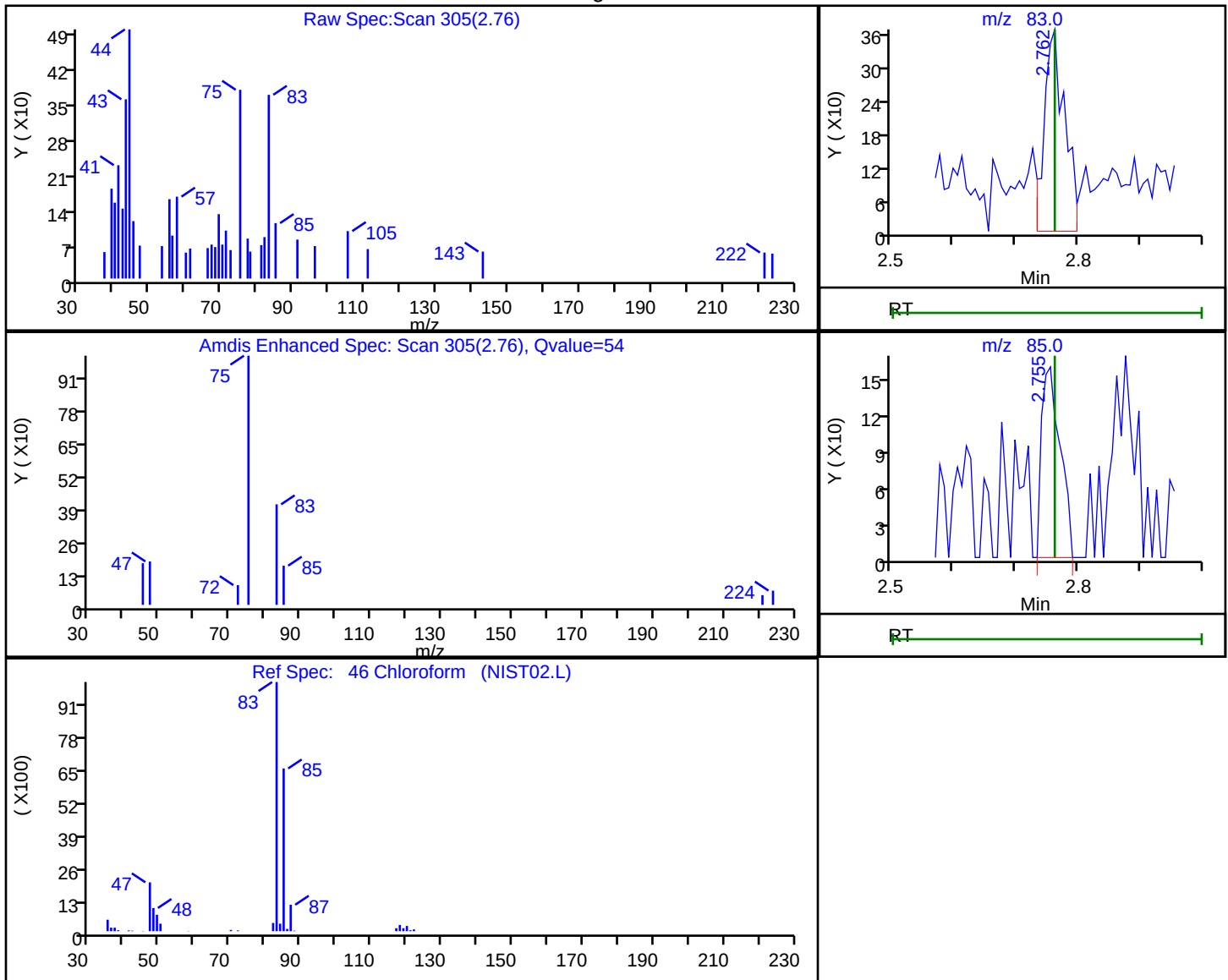
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

46 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
2.76	83.00	852	0.176917
2.76	85.00	318	

Reviewer: pakanatir, 25-Sep-2019 13:33:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

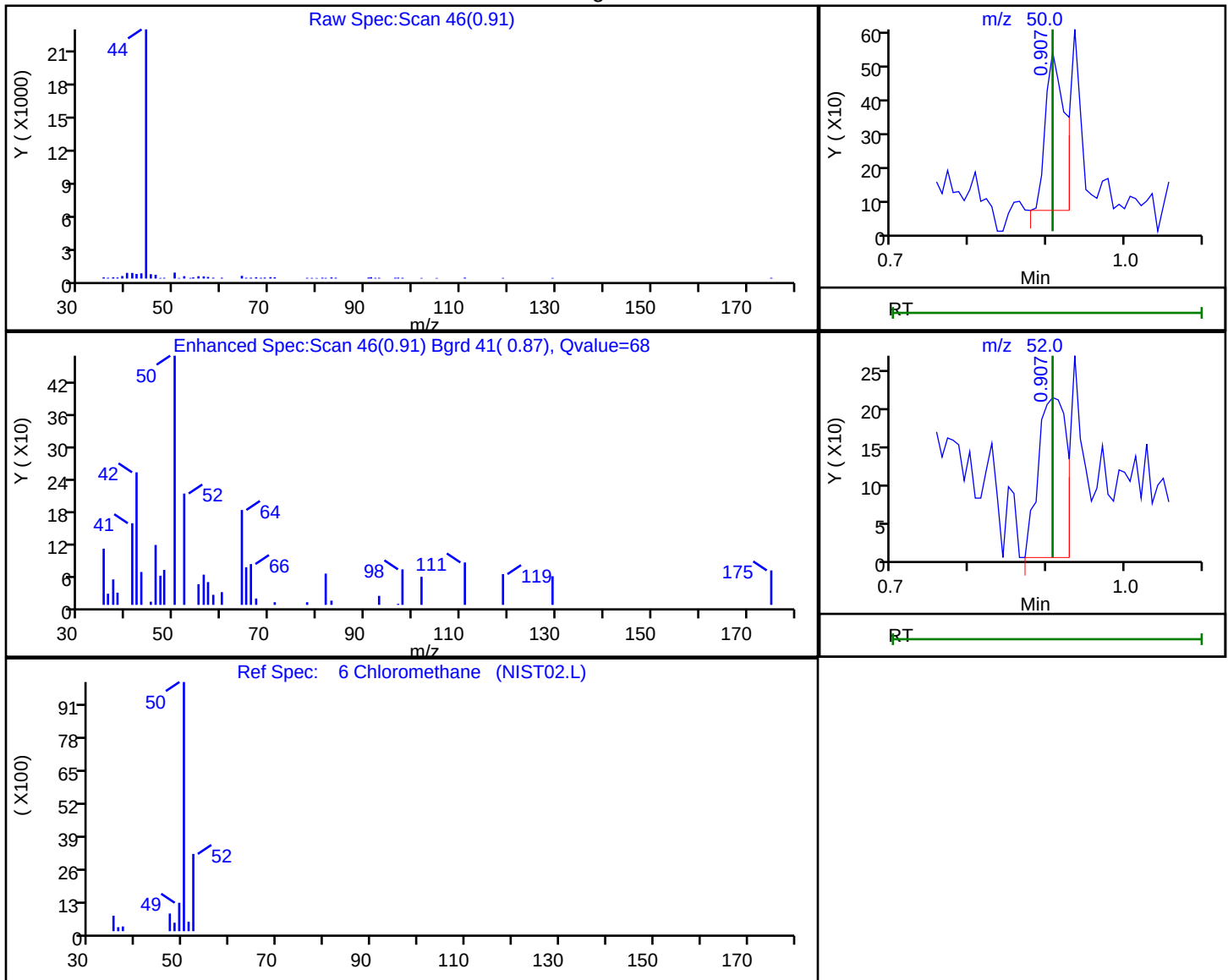
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.91	50.00	814	0.308485
0.91	52.00	538	

Reviewer: pakanatir, 25-Sep-2019 13:30:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

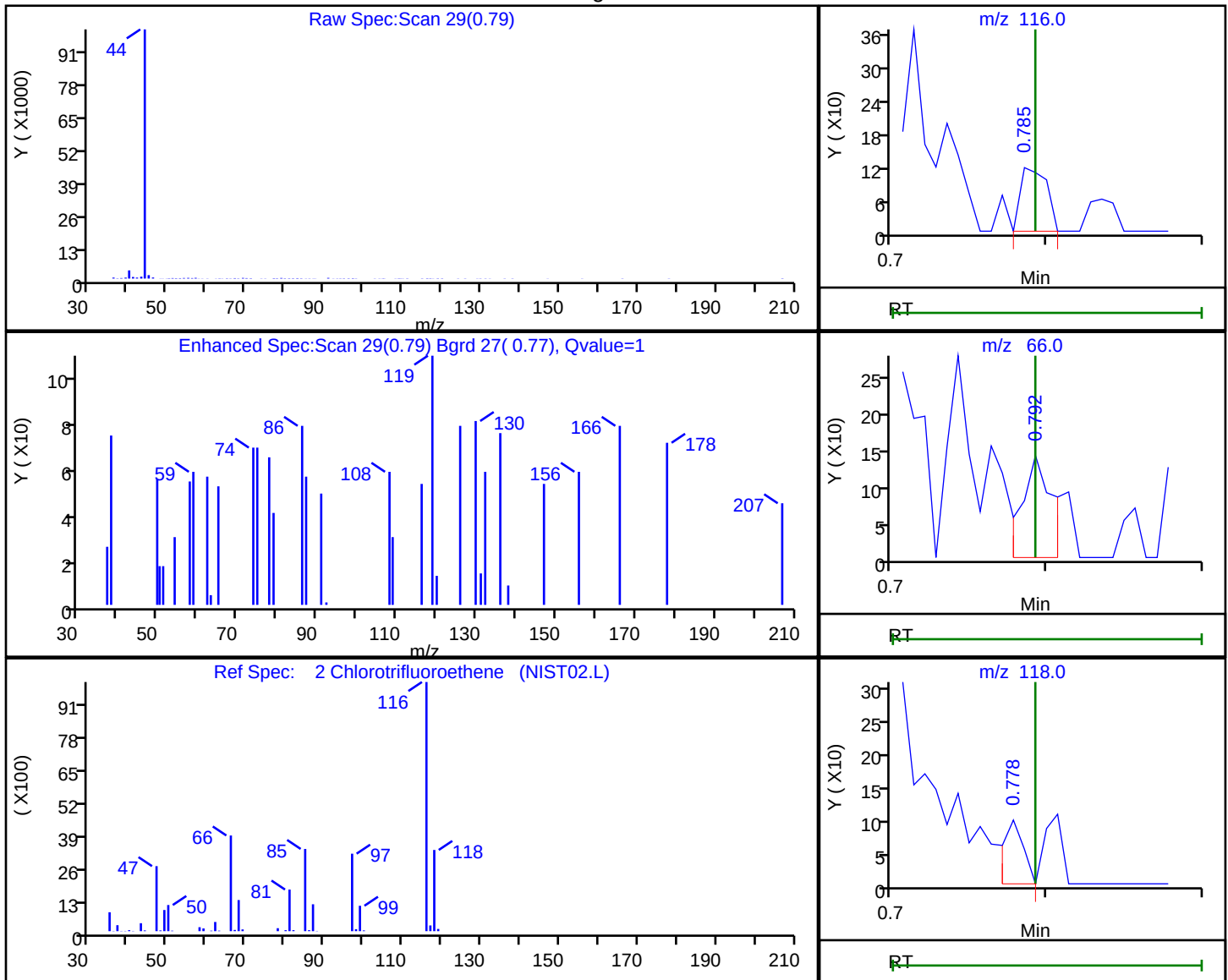
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
0.79	116.00	135	0.112268
0.79	66.00	191	
0.78	118.00	90	

Reviewer: pakanatir, 25-Sep-2019 13:30:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

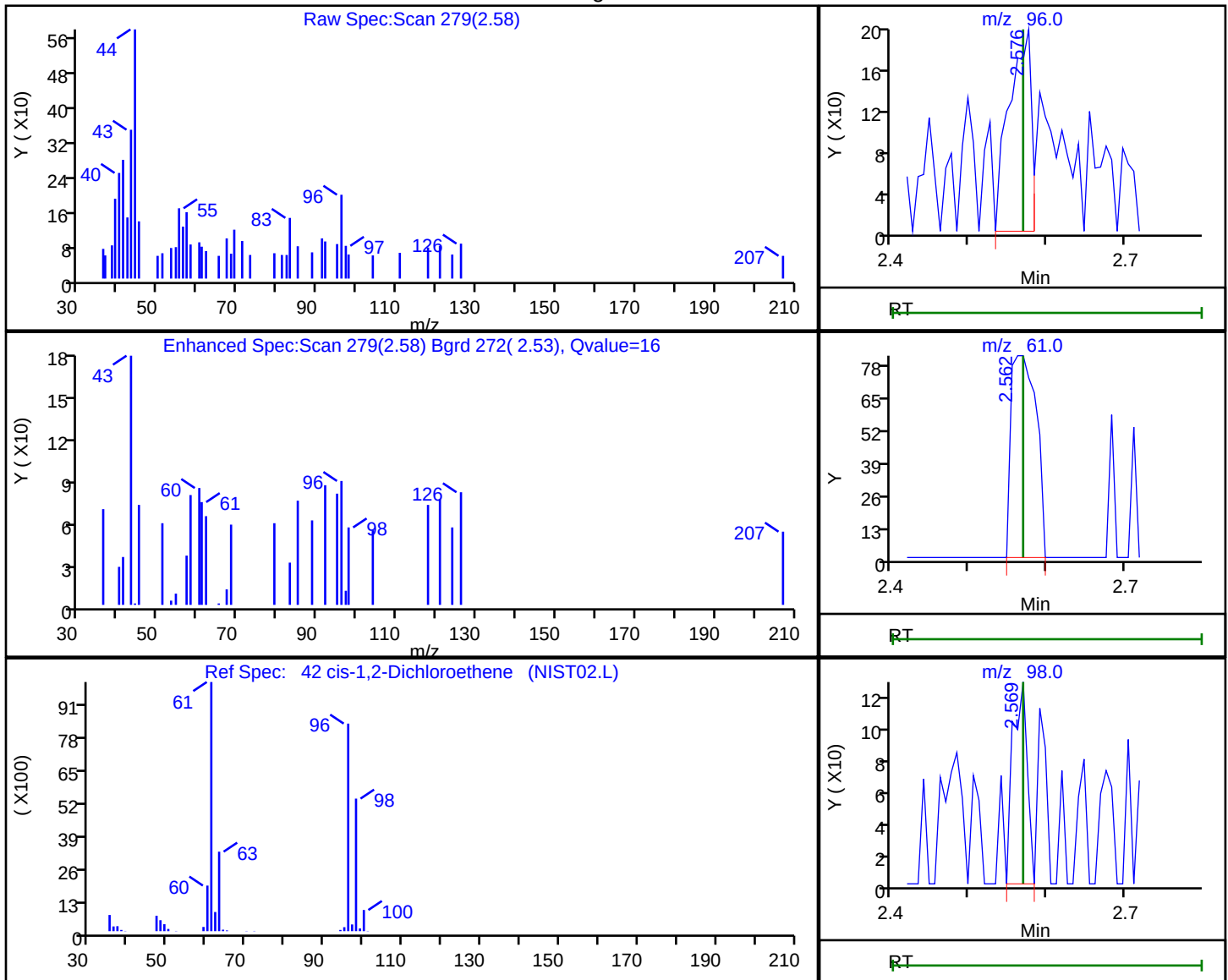
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
2.58	96.00	387	0.126894
2.56	61.00	186	
2.57	98.00	159	

Reviewer: pakanatir, 25-Sep-2019 13:33:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

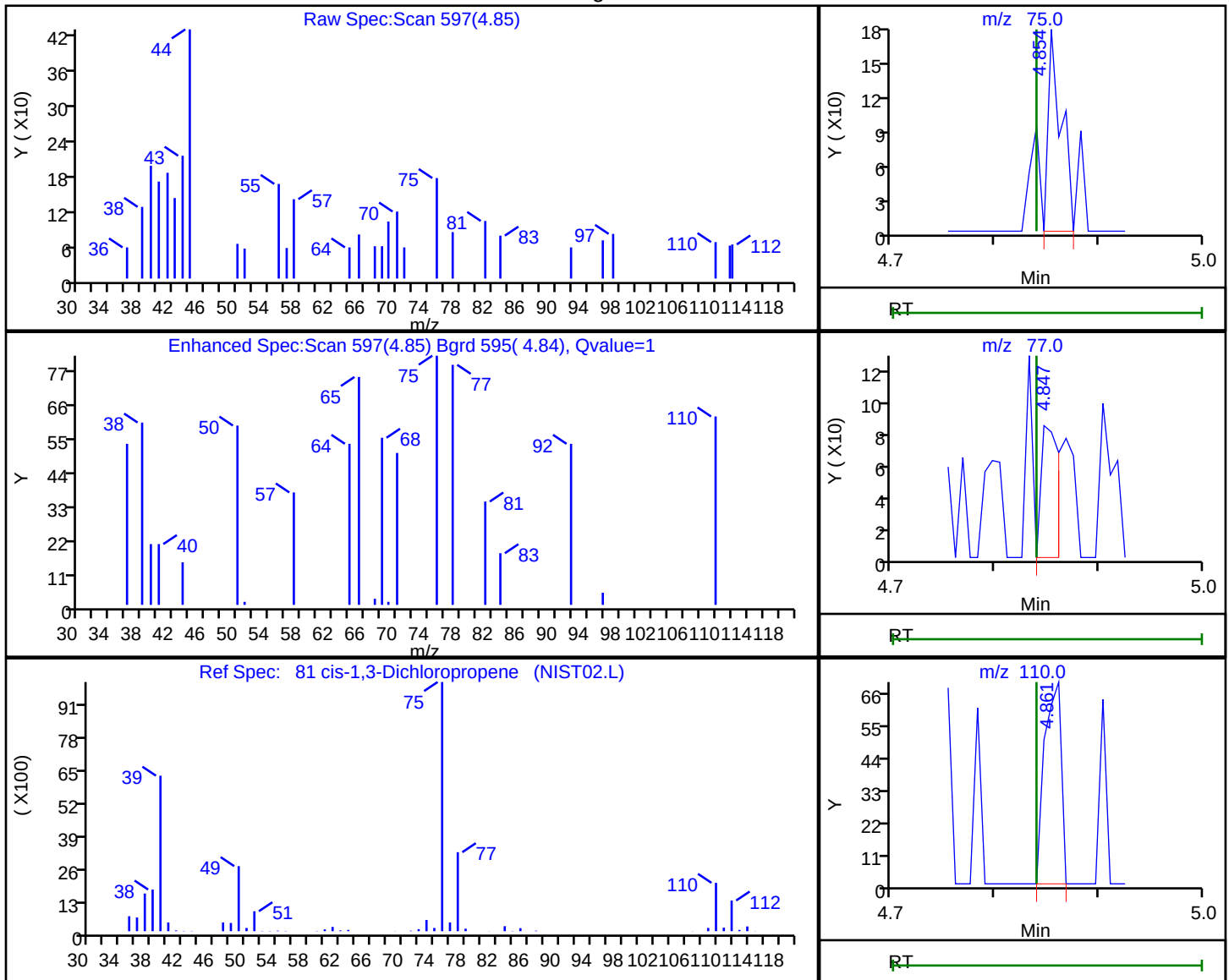
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
4.85	75.00	152	0.037352
4.85	77.00	98	
4.86	110.00	78	

Reviewer: pakanatir, 25-Sep-2019 13:35:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

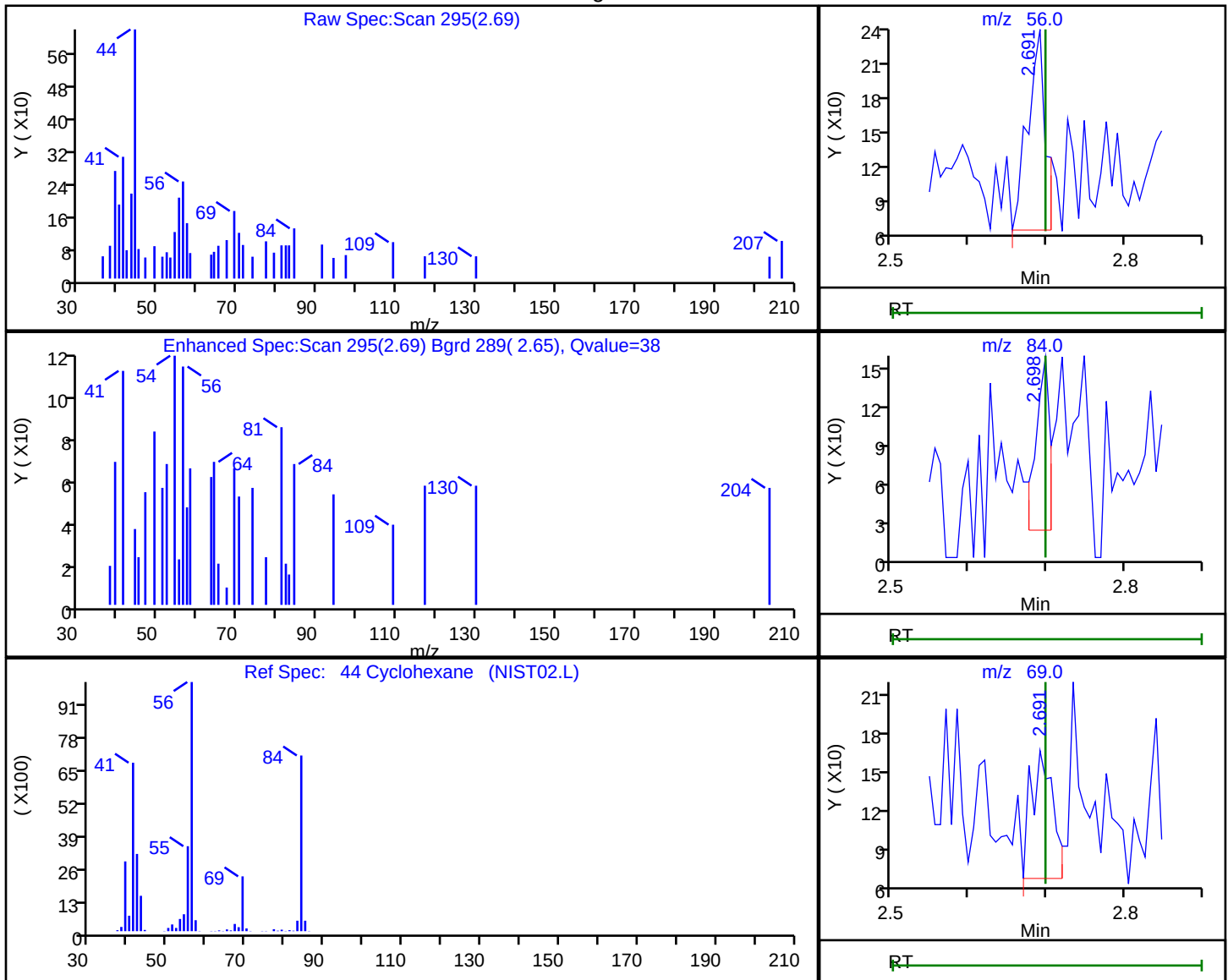
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

44 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
2.69	56.00	275	0.093674
2.70	84.00	169	
2.69	69.00	187	

Reviewer: pakanatir, 25-Sep-2019 13:33:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

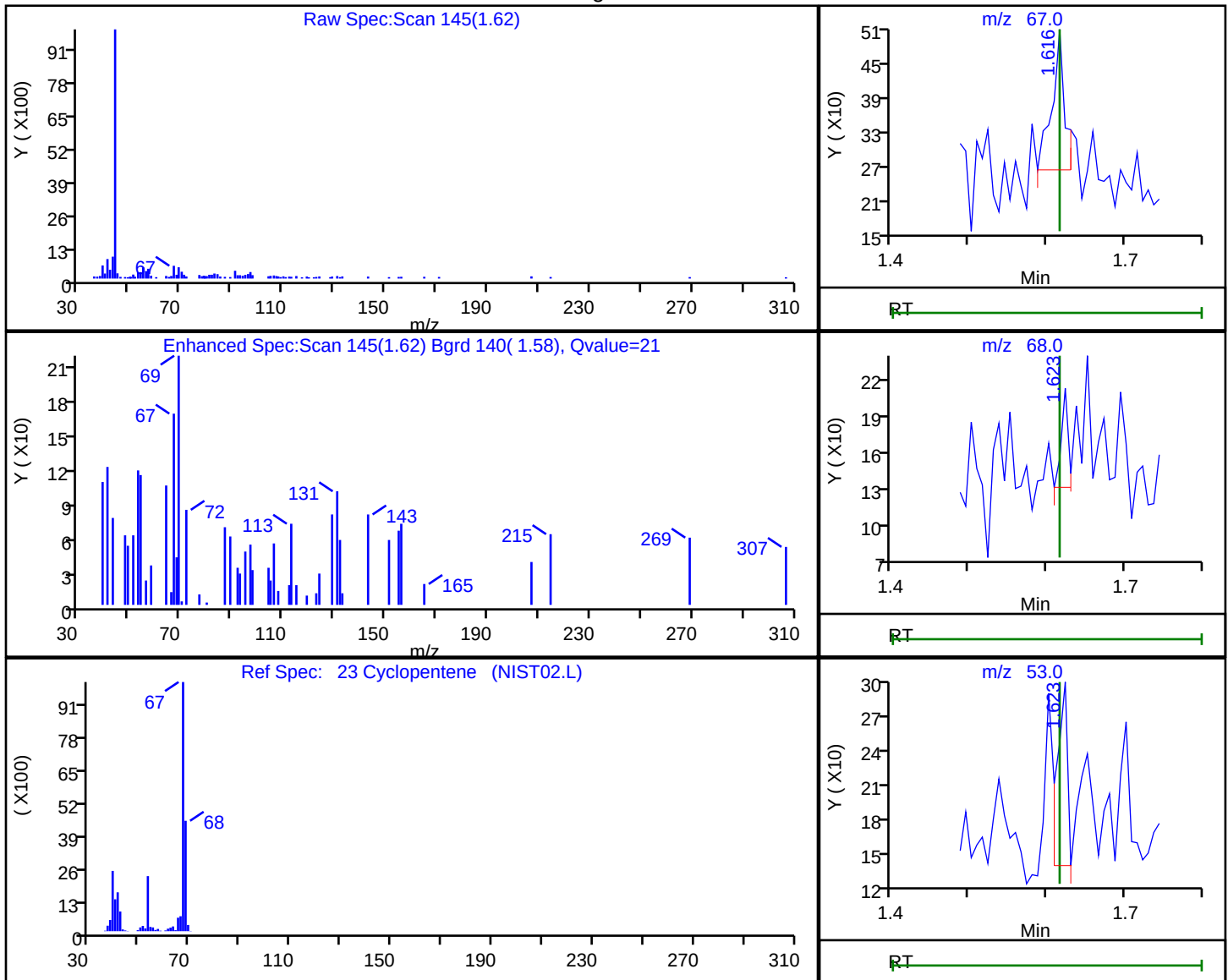
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

23 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
1.62	67.00	281	0.042565
1.62	68.00	49	
1.62	53.00	147	

Reviewer: pakanatir, 25-Sep-2019 13:31:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

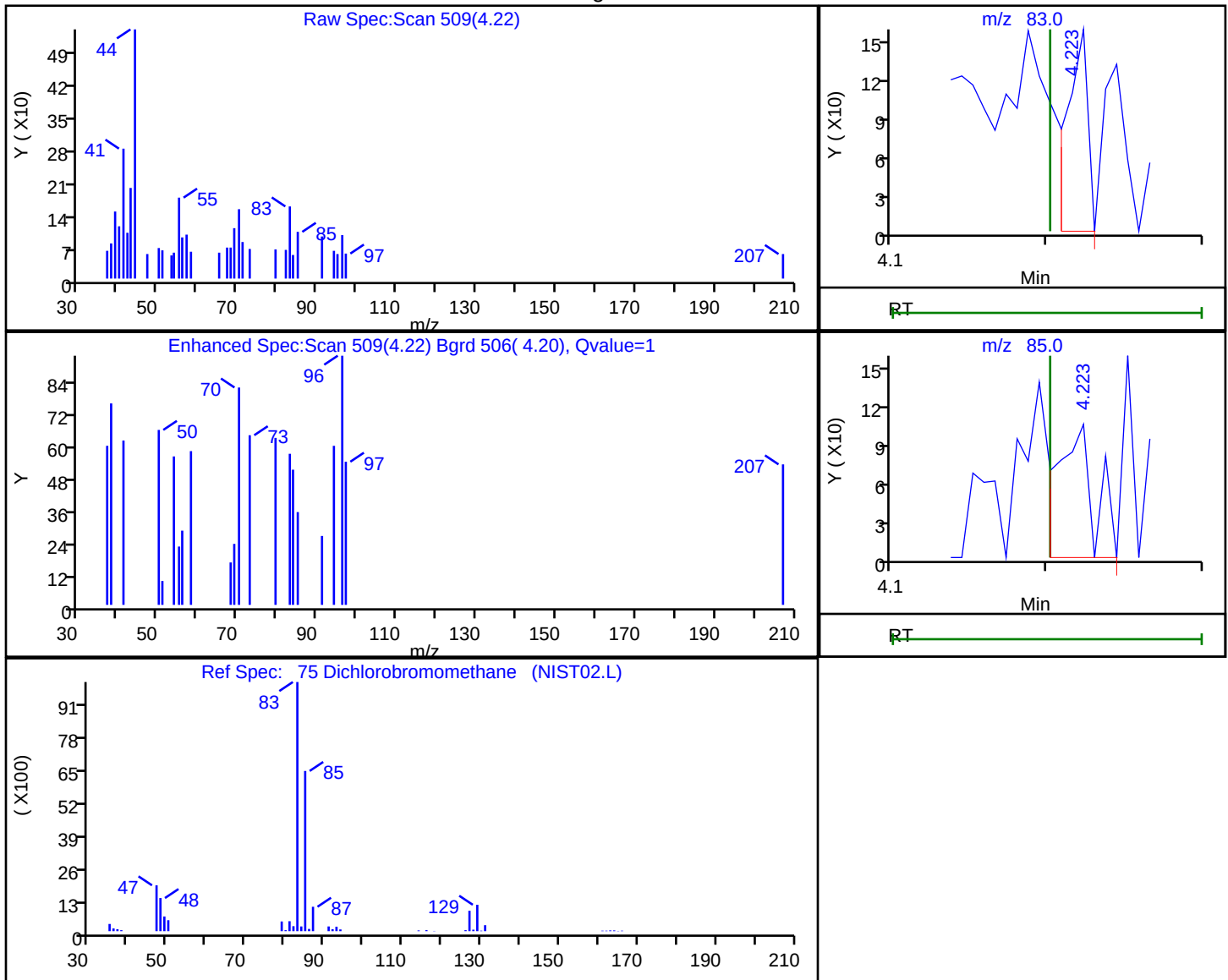
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

75 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
4.22	83.00	147	0.041561
4.22	85.00	171	

Reviewer: pakanatir, 25-Sep-2019 13:34:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

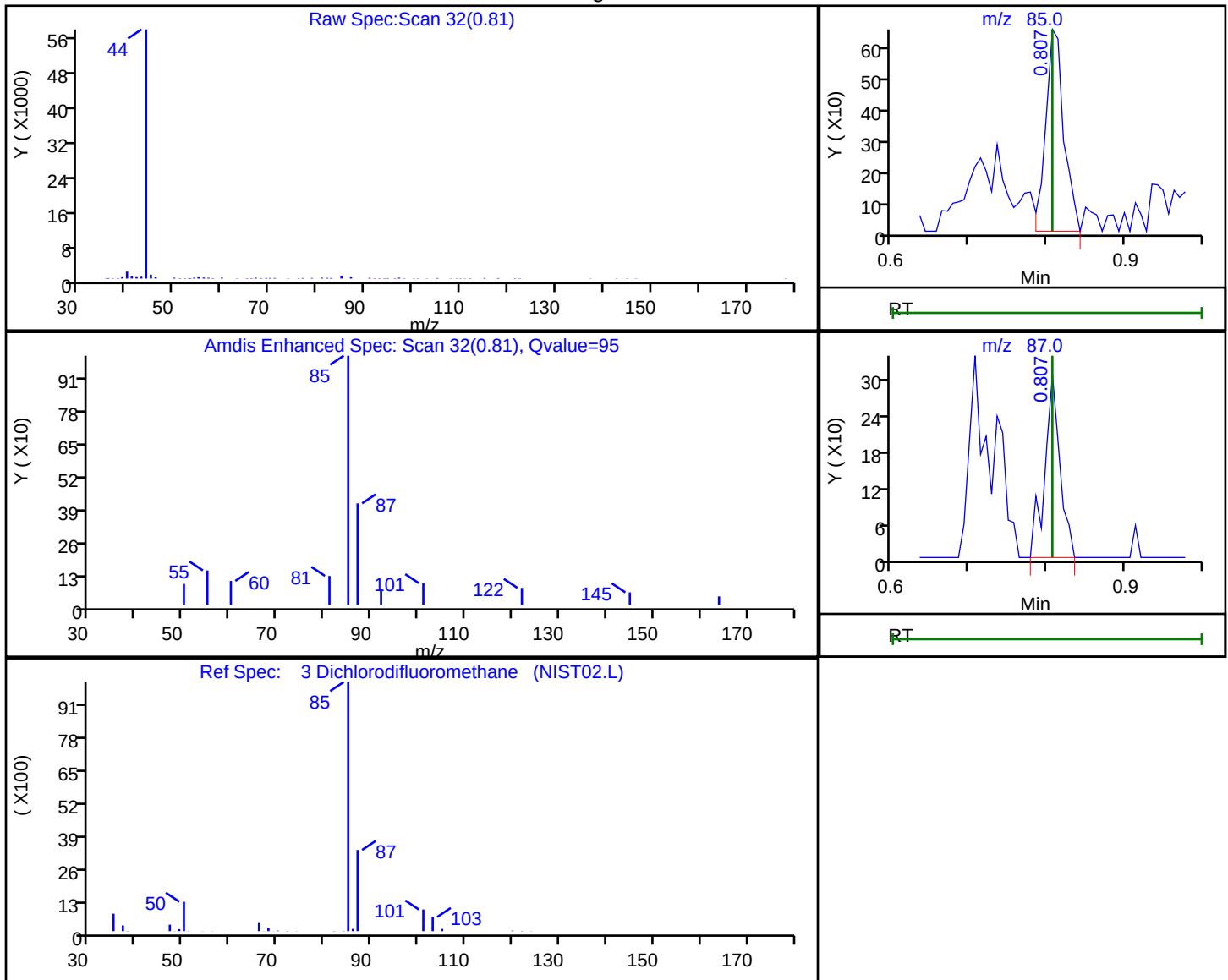
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.81	85.00	1066	0.271327
0.81	87.00	423	

Reviewer: pakanatir, 25-Sep-2019 13:30:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

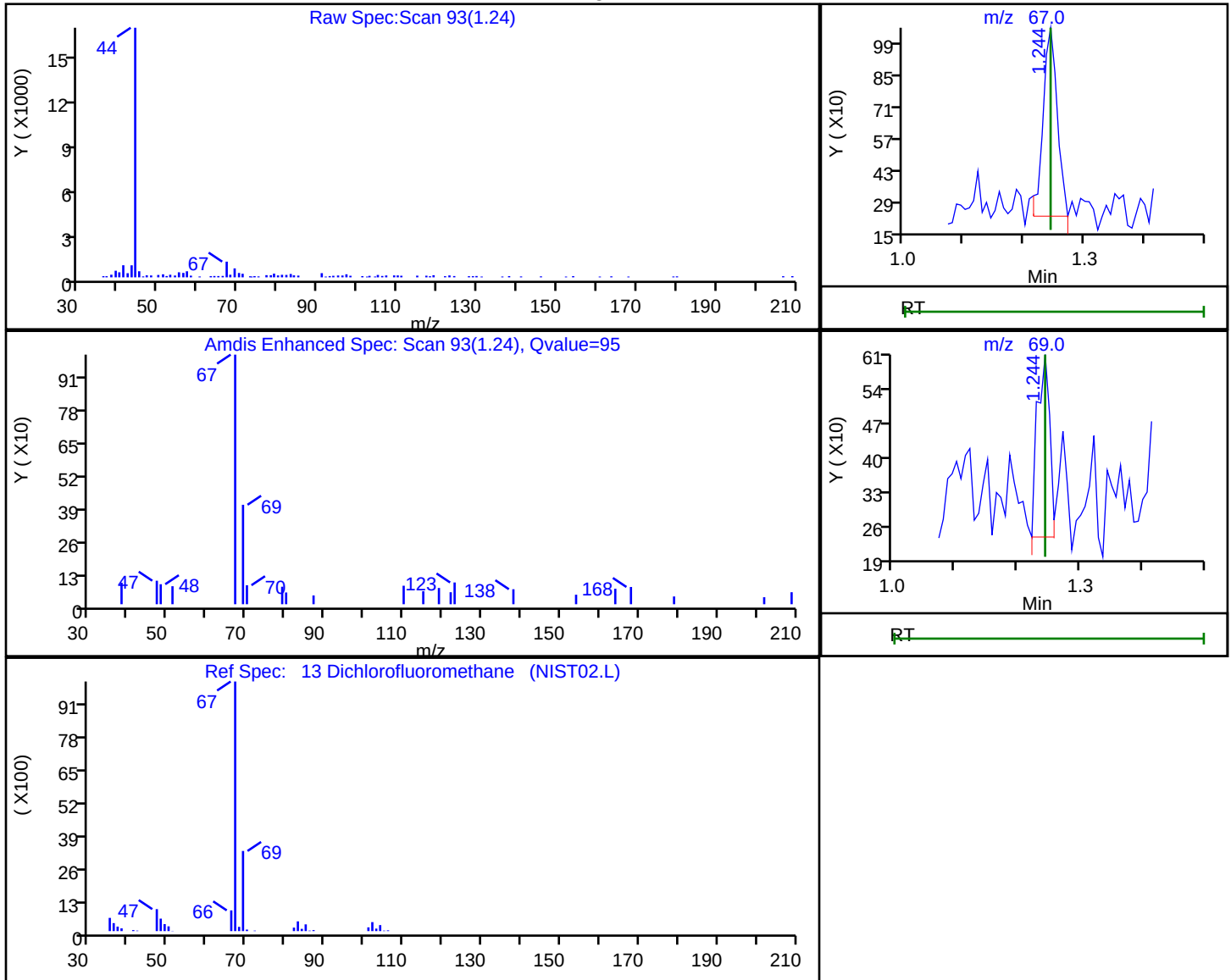
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

13 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.24	67.00	1377	0.259213
1.24	69.00	514	

Reviewer: pakanatir, 25-Sep-2019 13:30:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

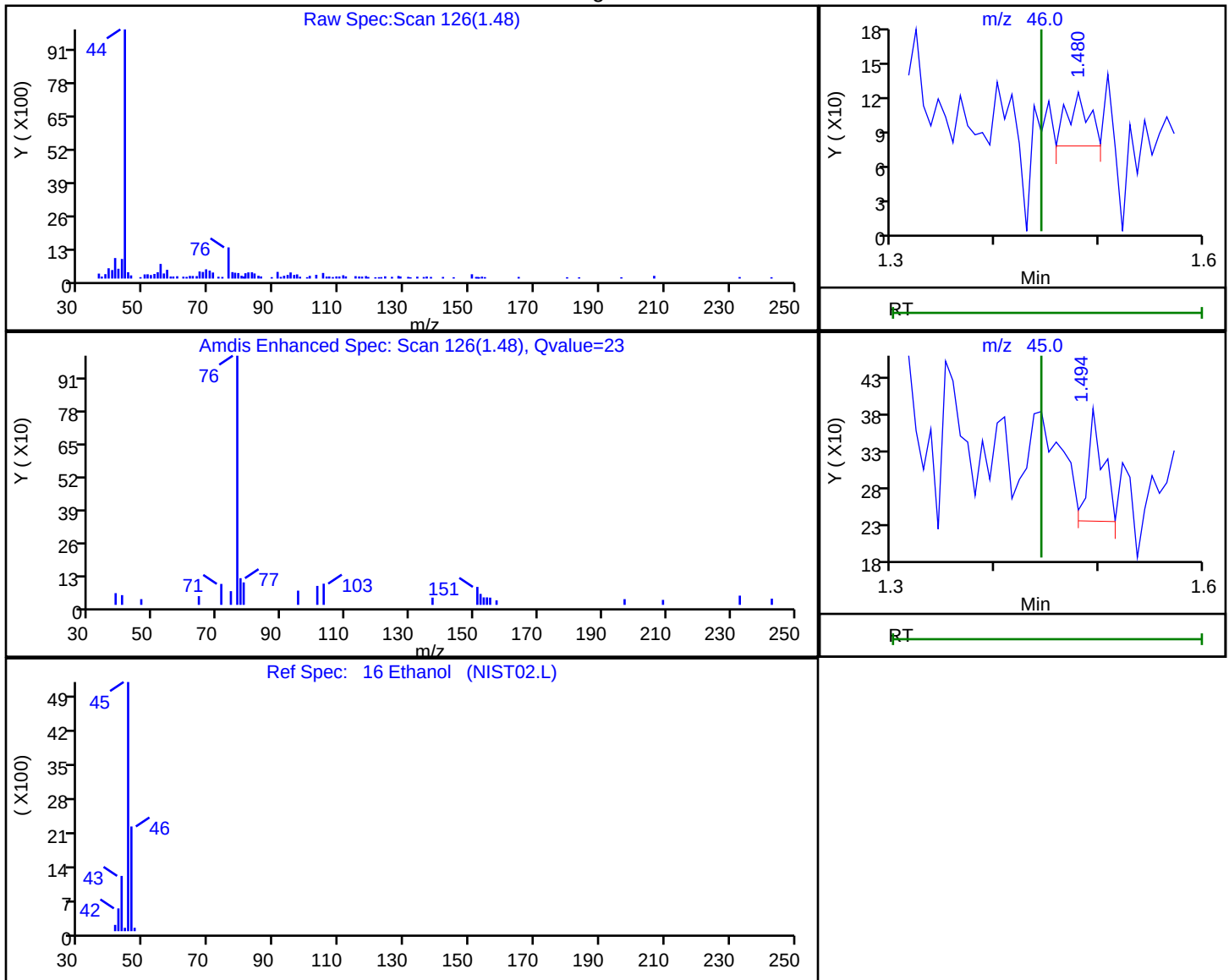
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

16 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.48	46.00	68	45.049652
1.49	45.00	147	

Reviewer: pakanatir, 25-Sep-2019 13:30:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

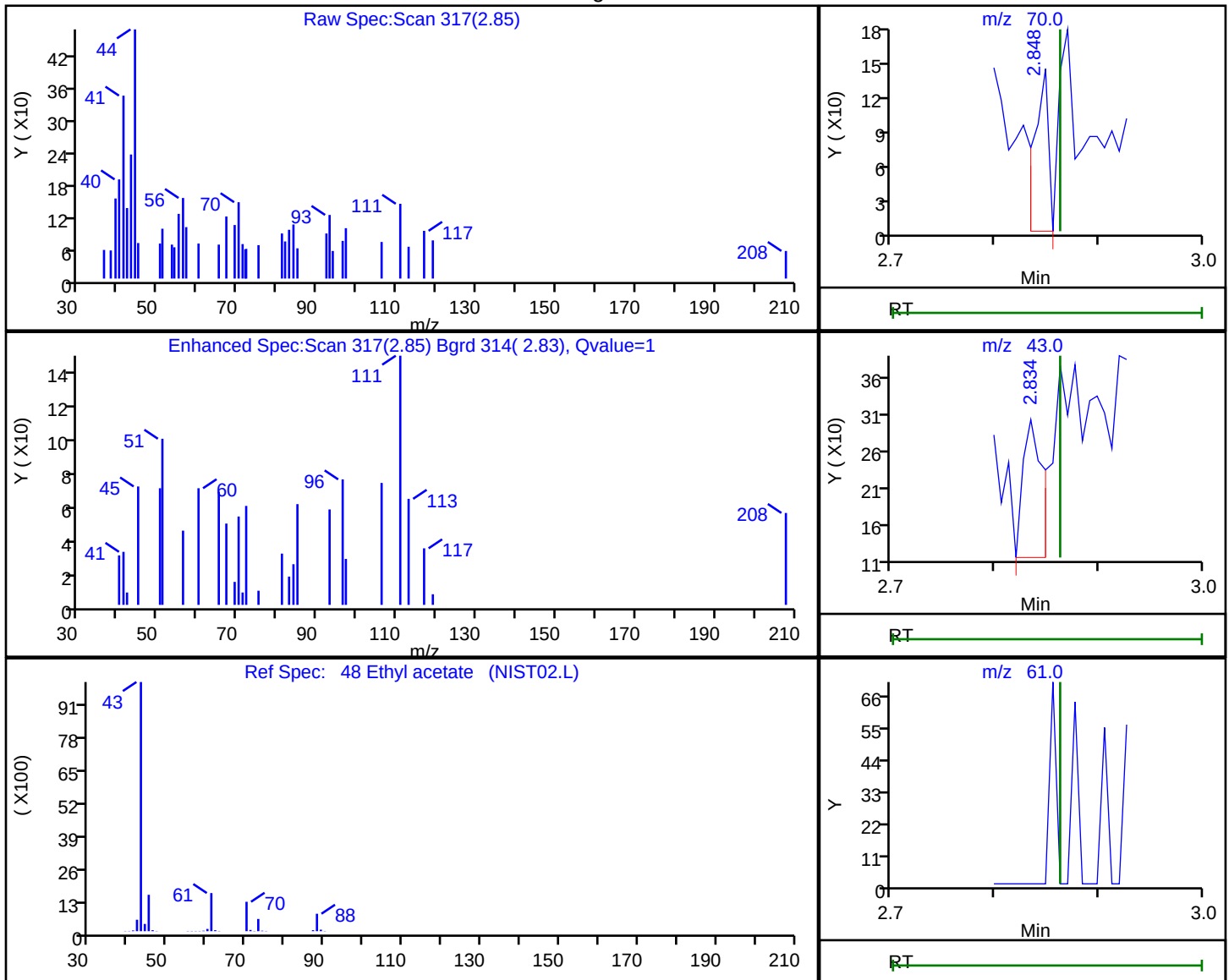
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
2.85	70.00	135	0.569659
2.83	43.00	237	
2.86	61.00	0	

Reviewer: pakanatir, 25-Sep-2019 13:33:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

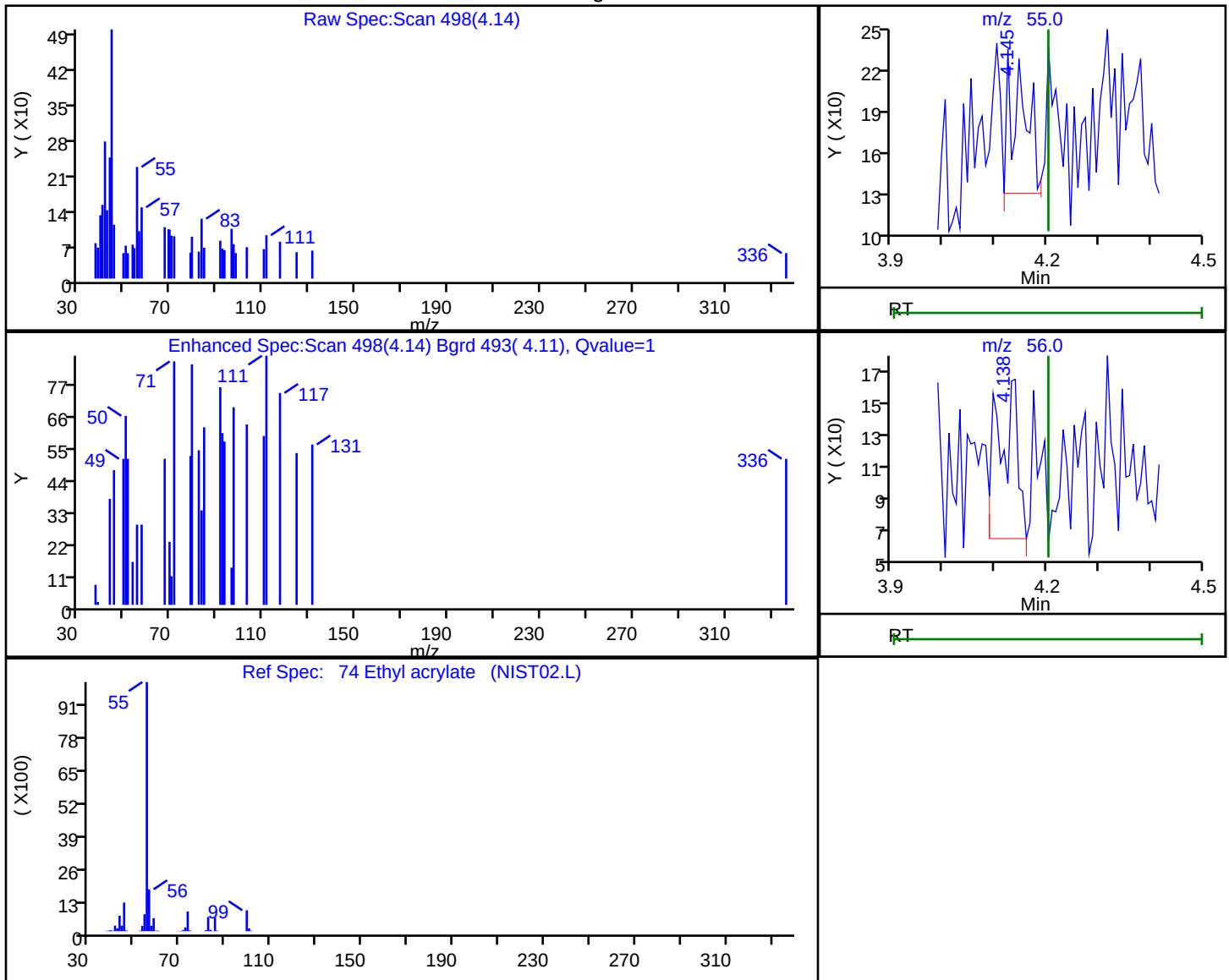
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

74 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
4.14	55.00	217	0.081990
4.14	56.00	257	

Reviewer: pakanatir, 25-Sep-2019 13:34:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

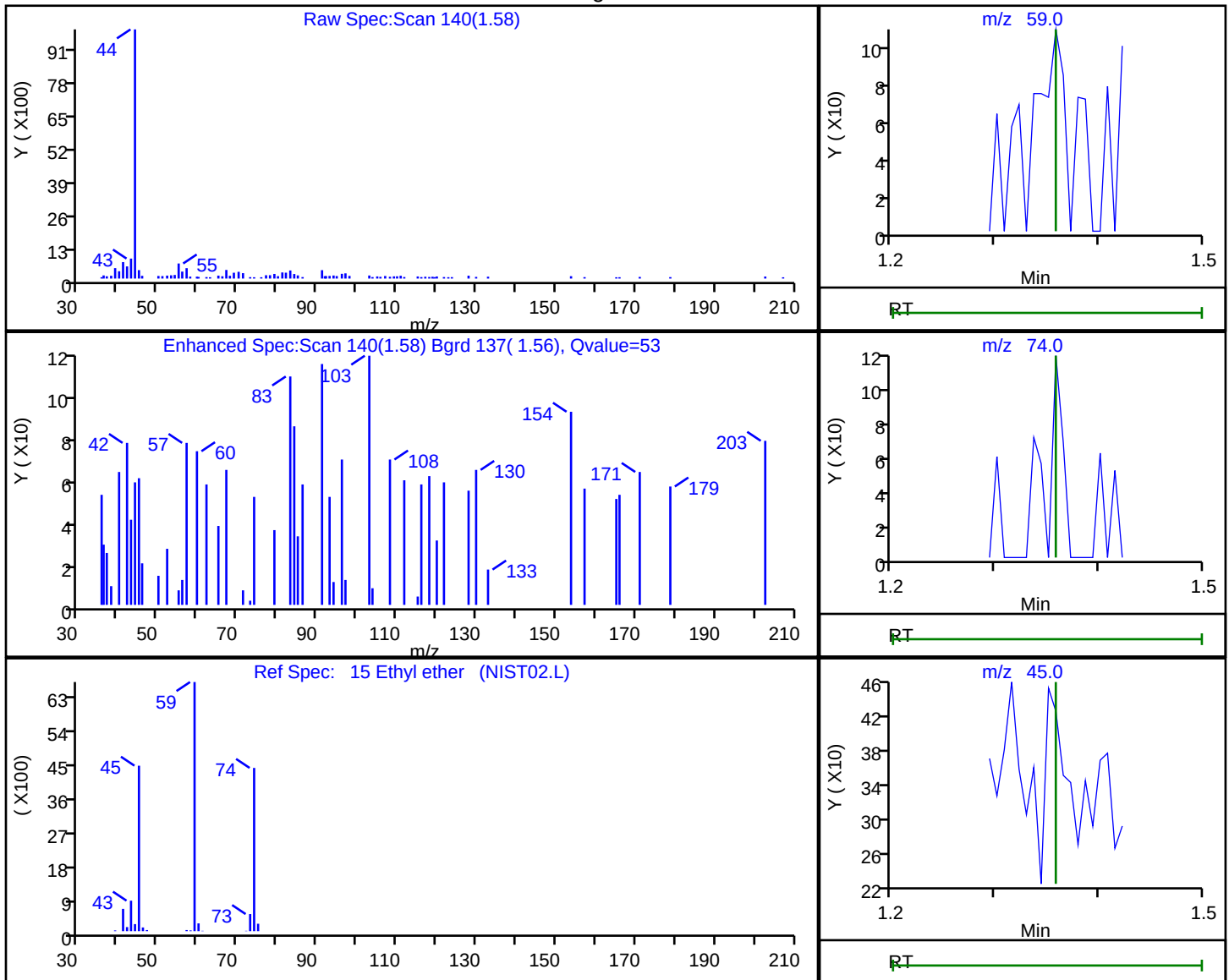
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.58	59.00	58	0.025293
1.58	74.00	22	
1.58	45.00	116	

Reviewer: pakanatir, 25-Sep-2019 13:30:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

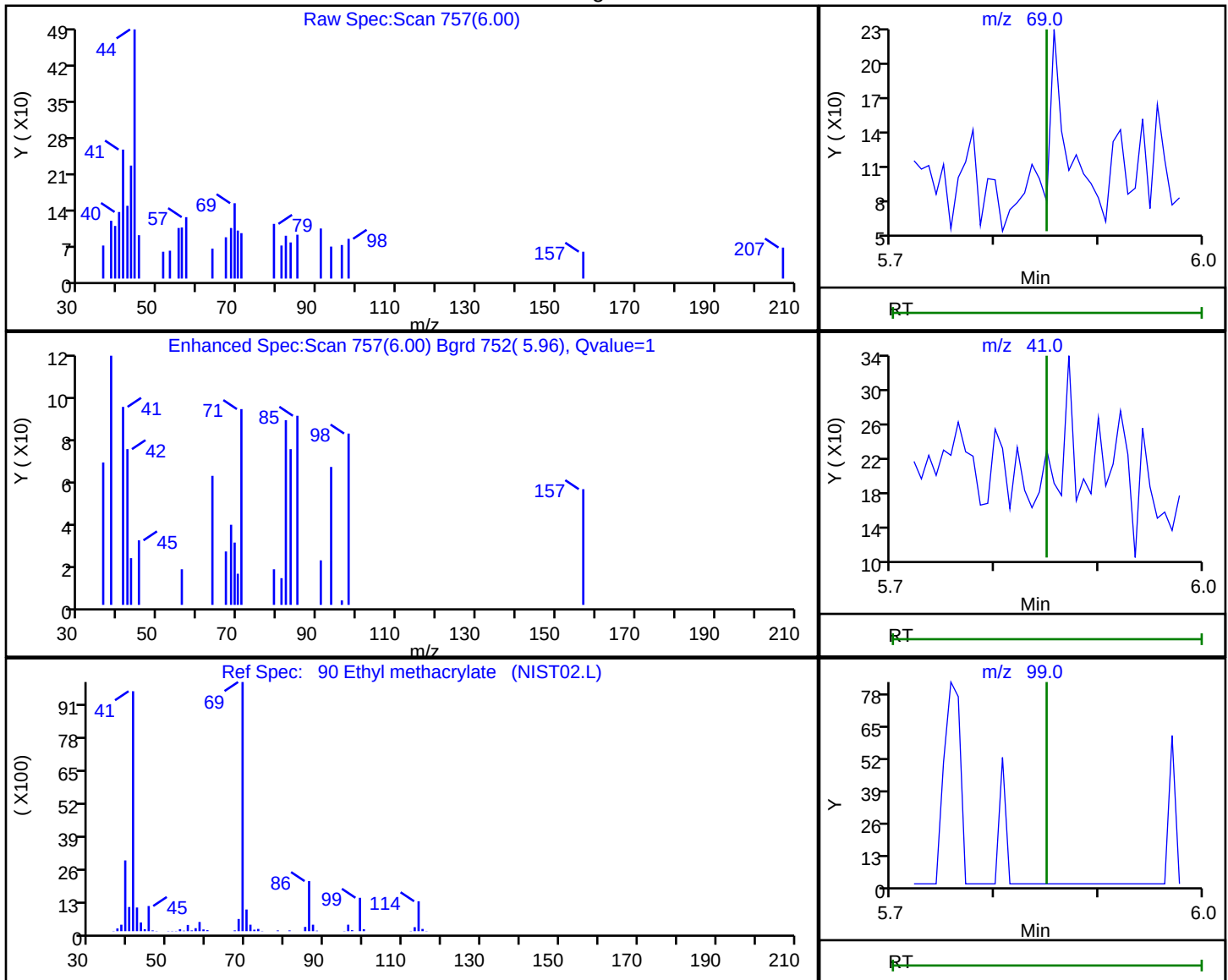
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

90 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
6.00	69.00	95	0.031406
5.99	41.00	211	
6.01	99.00	34	

Reviewer: pakanatir, 25-Sep-2019 13:35:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

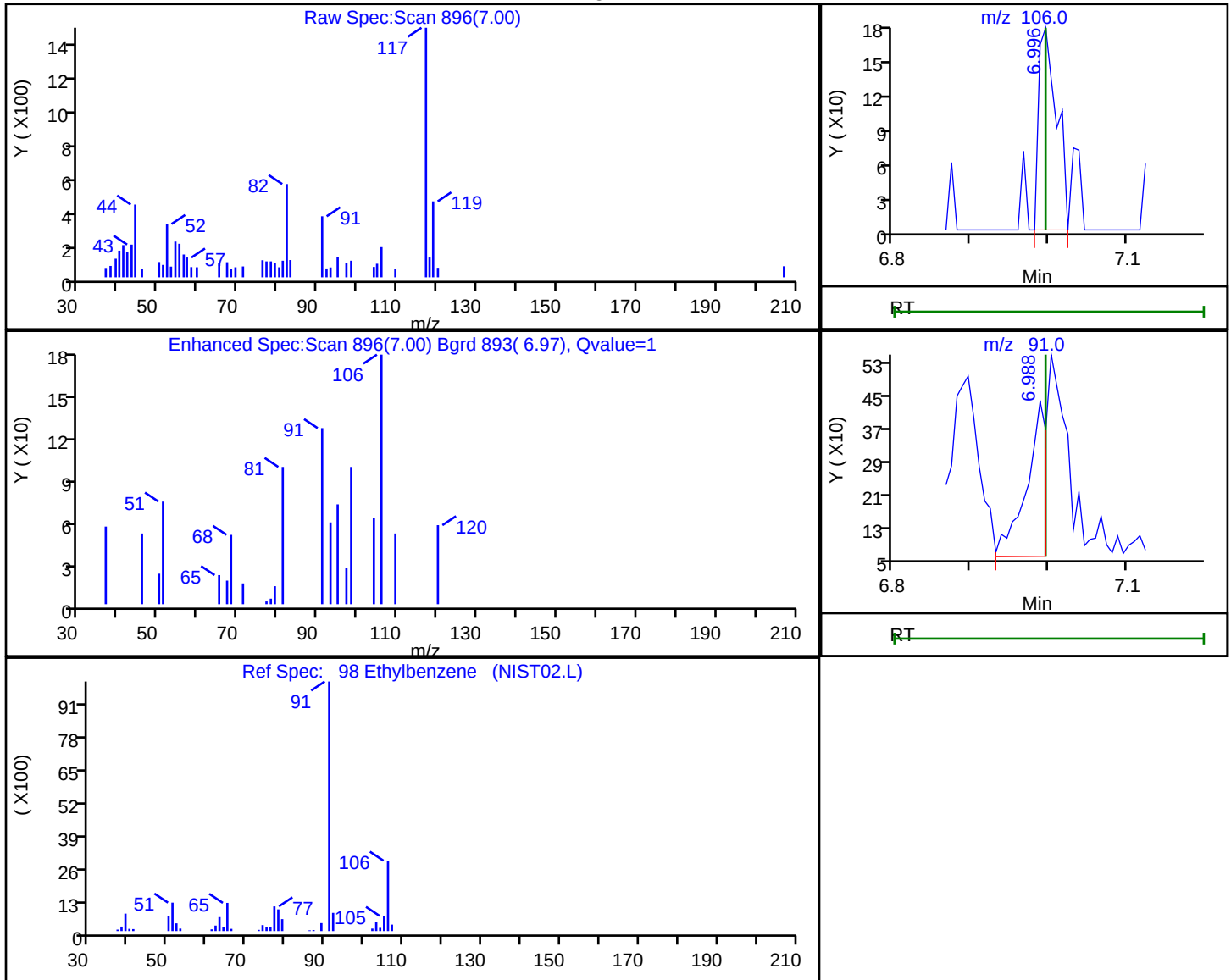
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

98 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
7.00	106.00	291	0.064118
6.99	91.00	670	

Reviewer: pakanatir, 25-Sep-2019 13:35:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

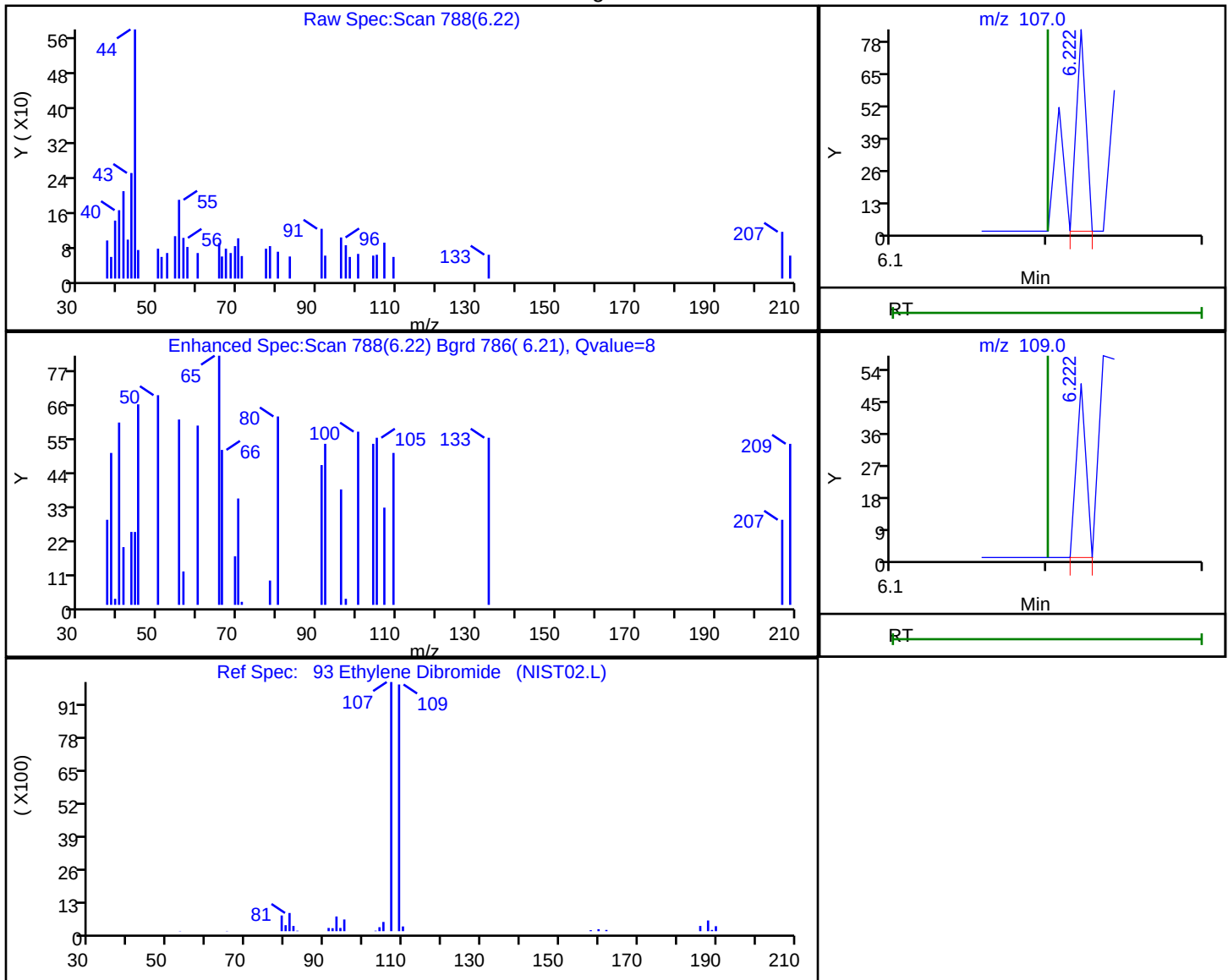
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

93 Ethylene Dibromide, CAS: 106-93-4

Processing Results



RT	Mass	Response	Amount
6.22	107.00	36	0.015665
6.22	109.00	22	

Reviewer: pakanatir, 25-Sep-2019 13:35:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

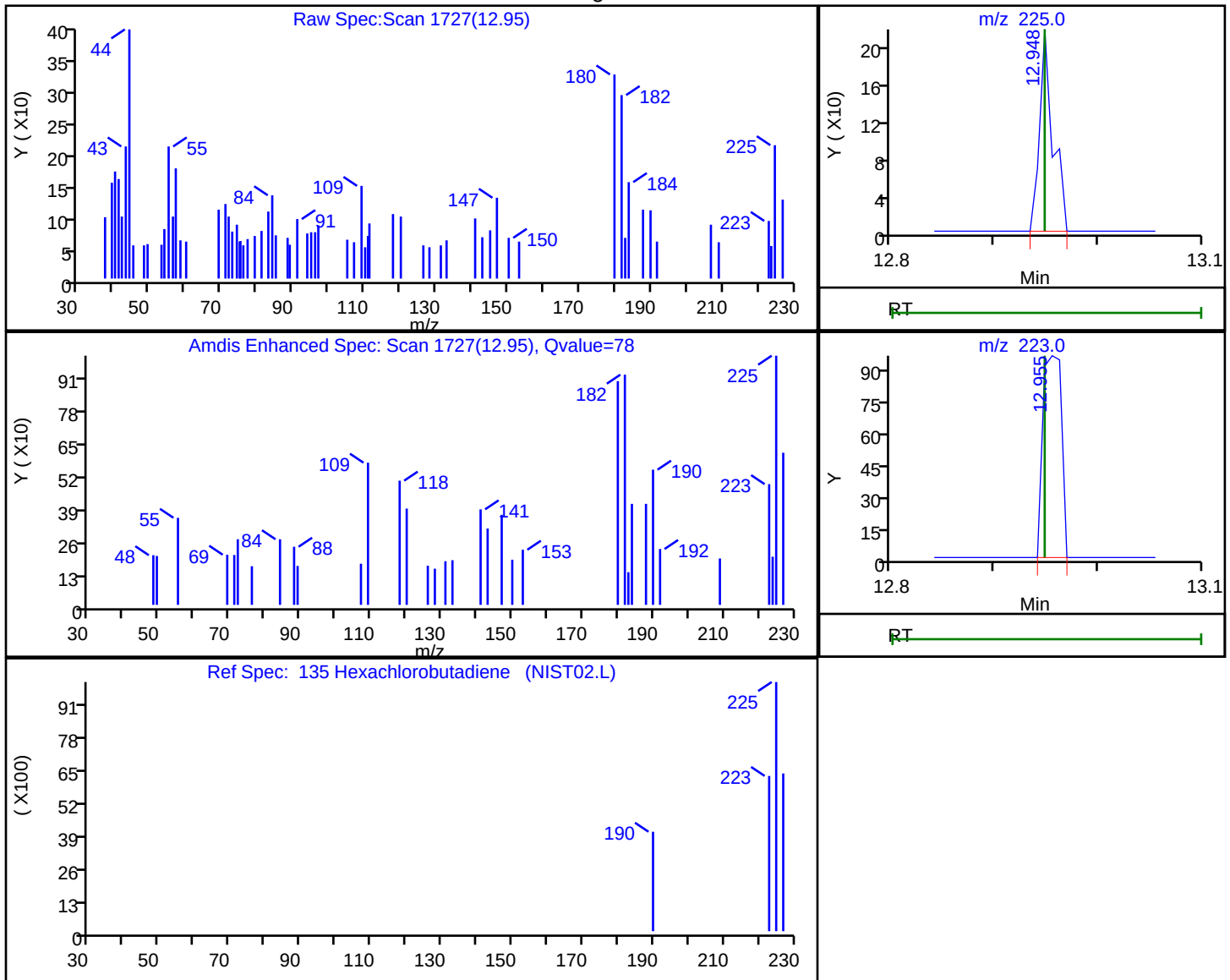
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

135 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
12.95	225.00	191	0.143906
12.96	223.00	122	

Reviewer: pakanatir, 25-Sep-2019 13:35:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

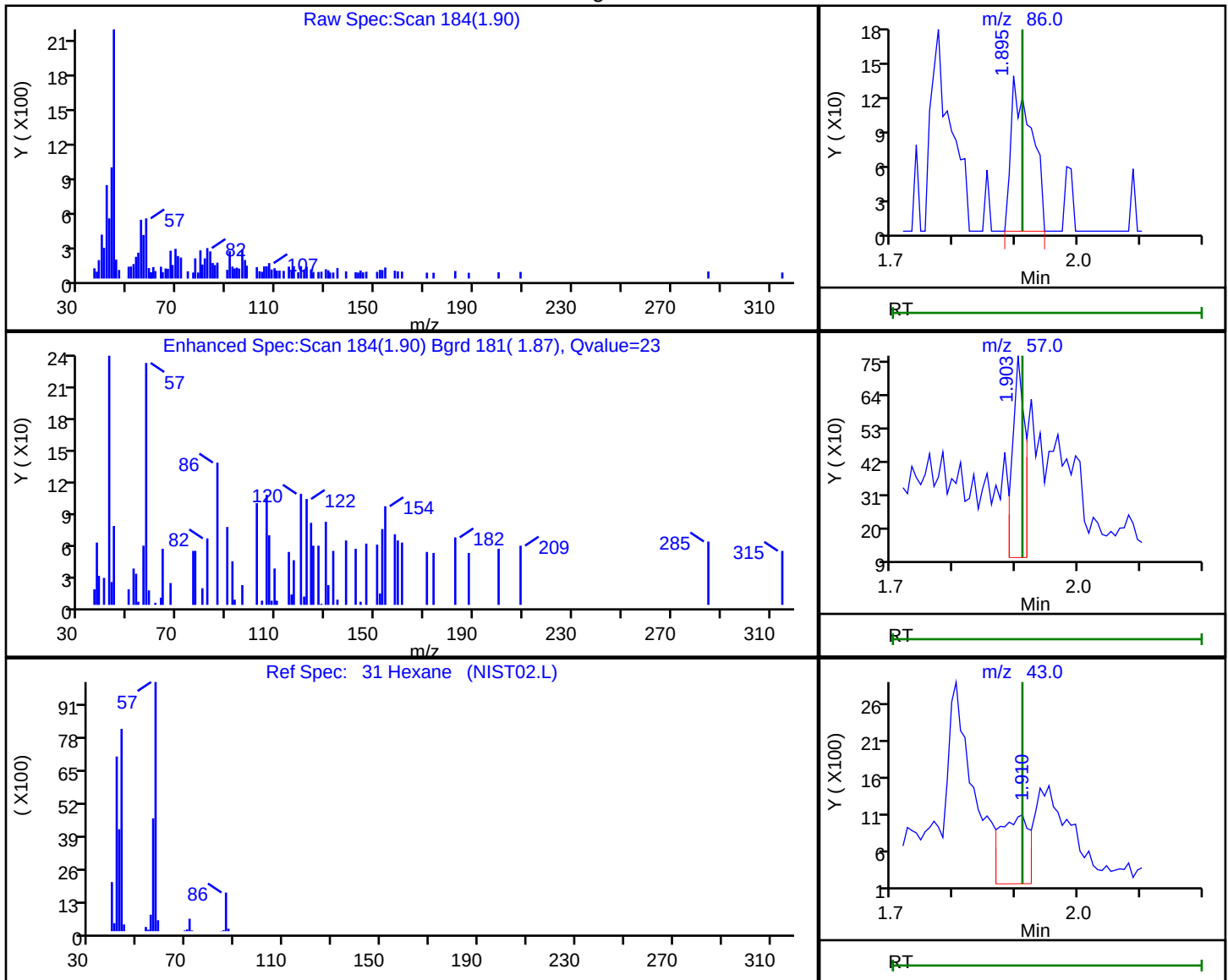
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

31 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
1.90	86.00	315	0.628395
1.90	57.00	947	
1.91	43.00	3002	
1.91	56.00	1187	

Reviewer: pakanatir, 25-Sep-2019 13:32:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

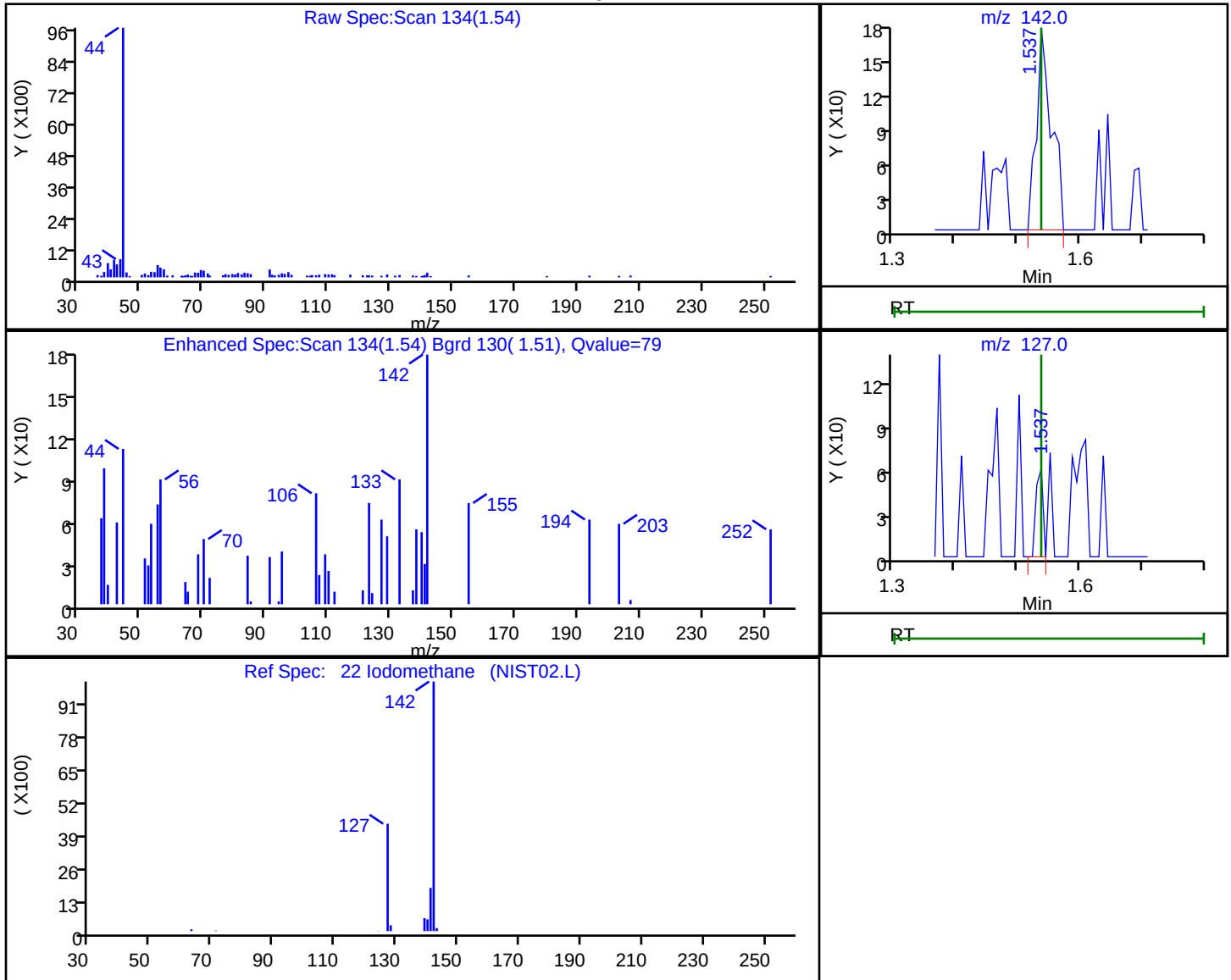
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

22 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
1.54	142.00	305	0.051598
1.54	127.00	48	

Reviewer: pakanatir, 25-Sep-2019 13:31:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

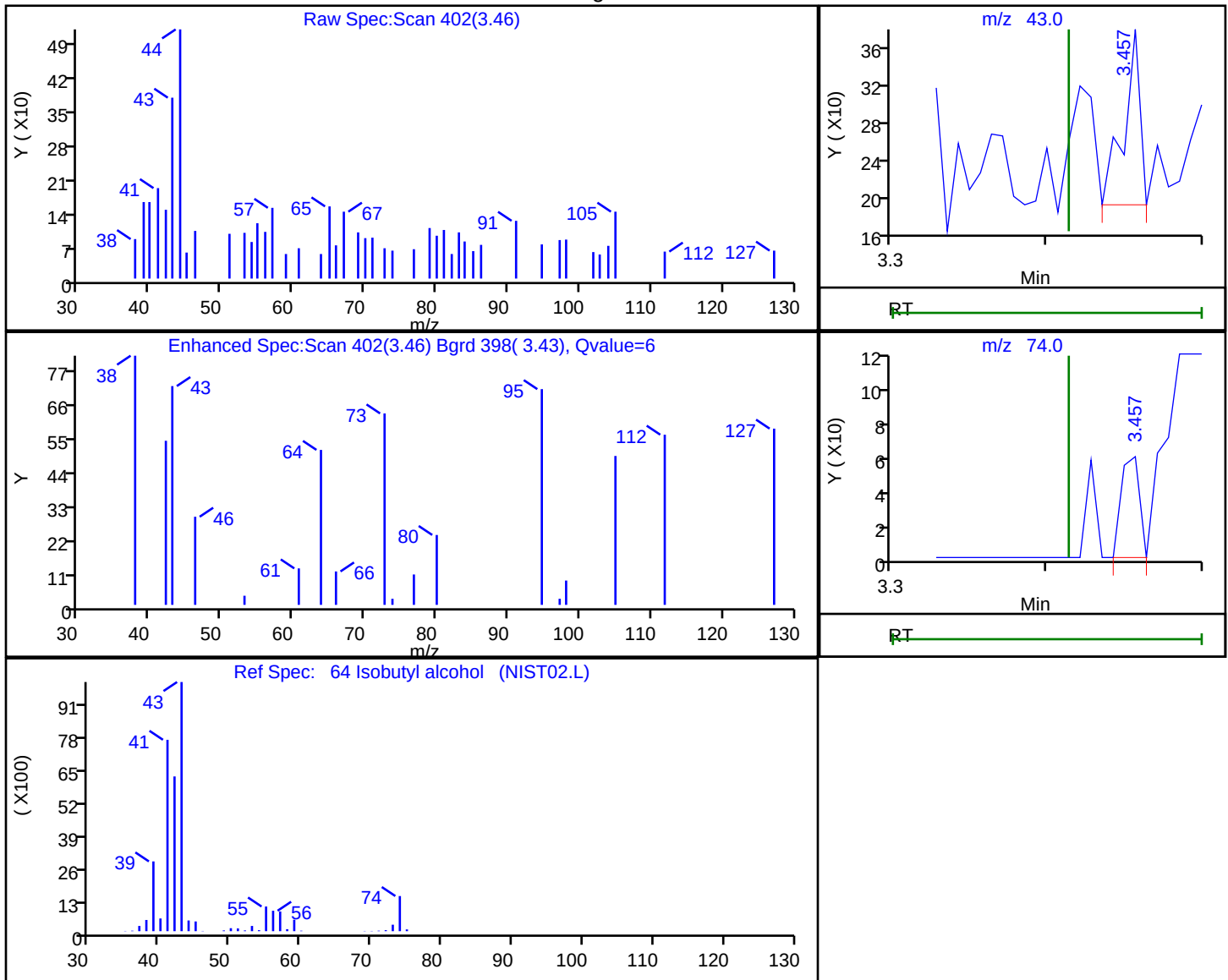
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
3.46	43.00	134	1.861421
3.46	74.00	48	

Reviewer: pakanatir, 25-Sep-2019 13:34:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

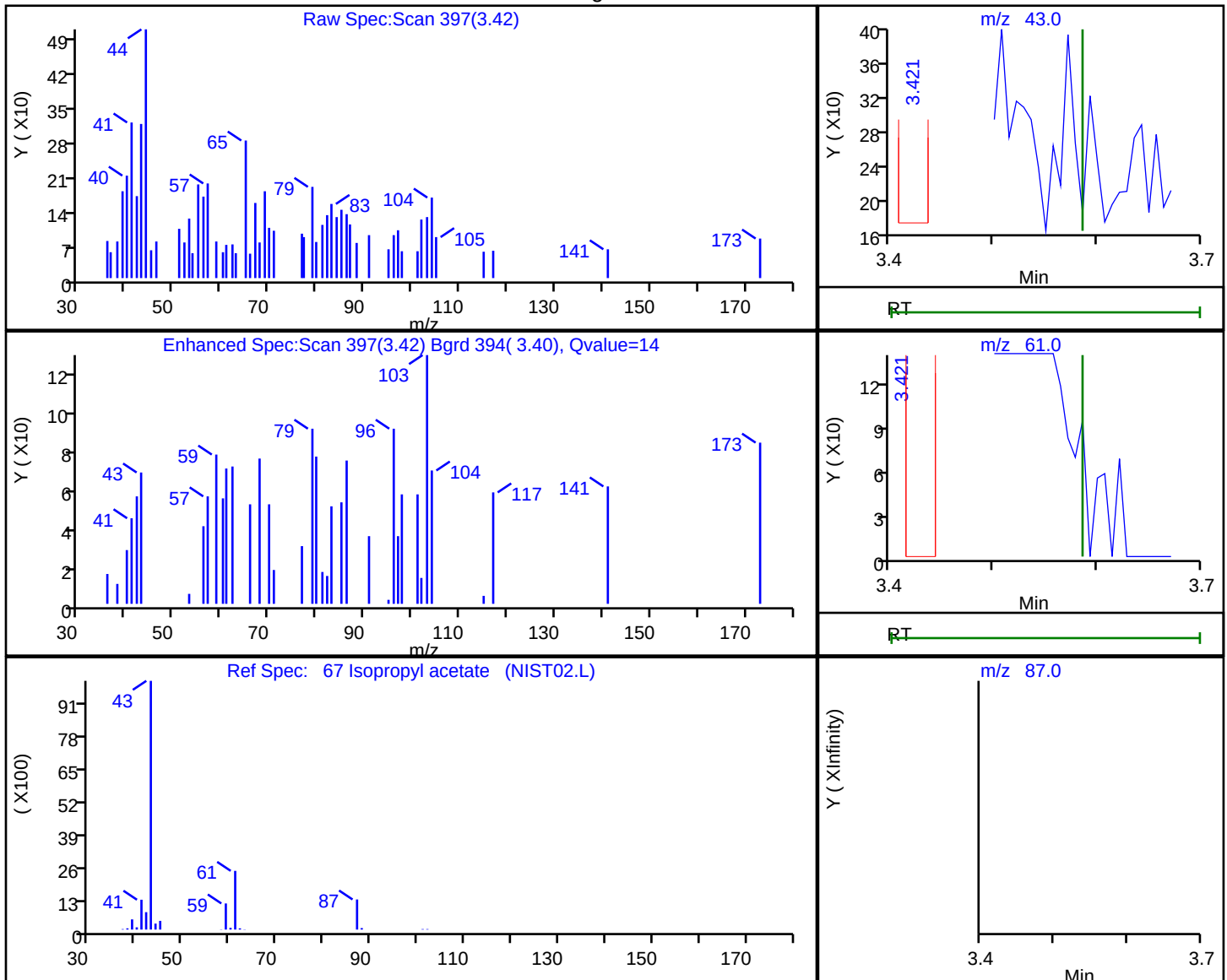
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

67 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
3.42	43.00	193	0.047788
3.42	61.00	51	
3.41	87.00	292	

Reviewer: pakanatir, 25-Sep-2019 13:34:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

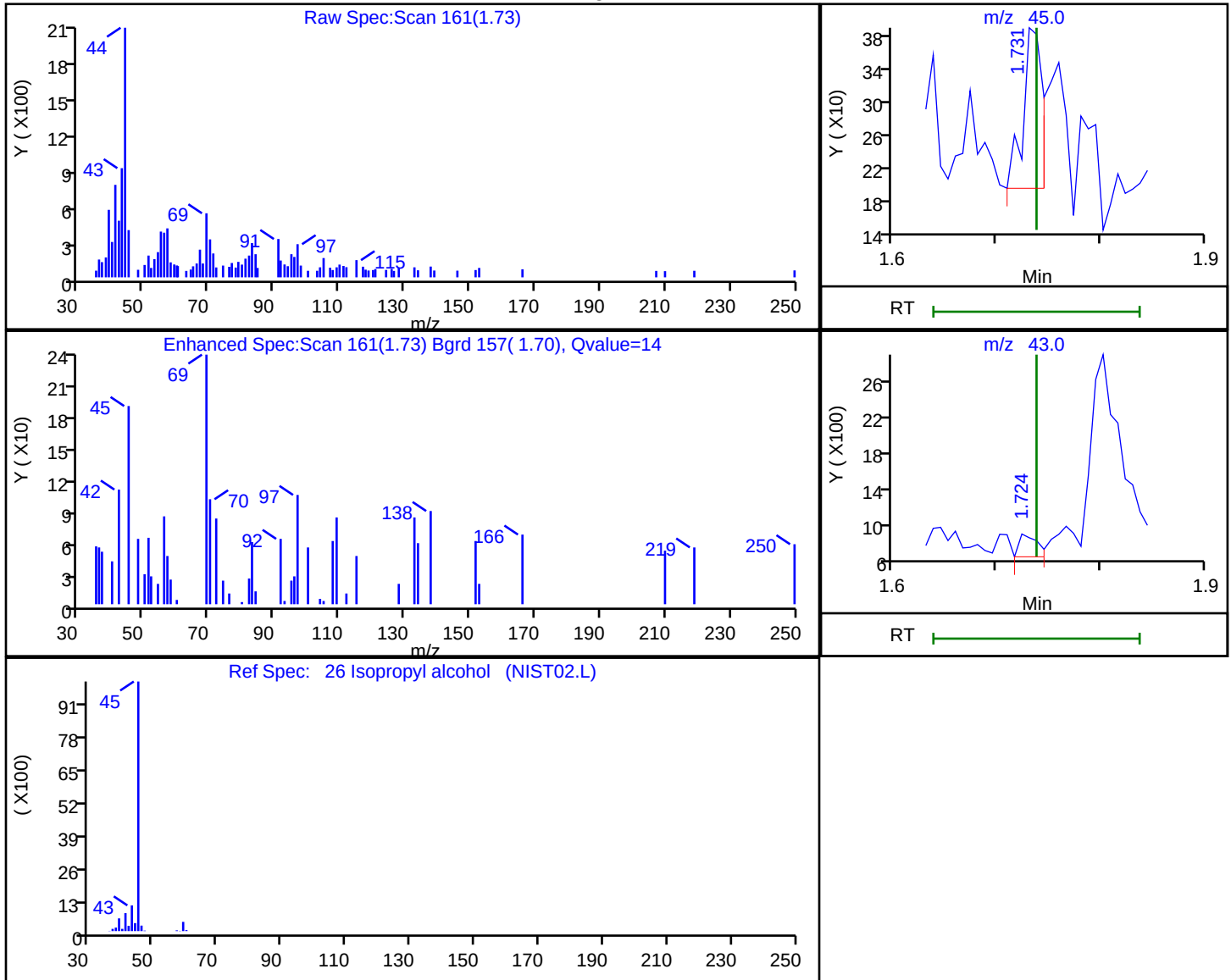
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

26 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
1.73	45.00	247	1.536979
1.72	43.00	298	

Reviewer: pakanatir, 25-Sep-2019 13:32:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

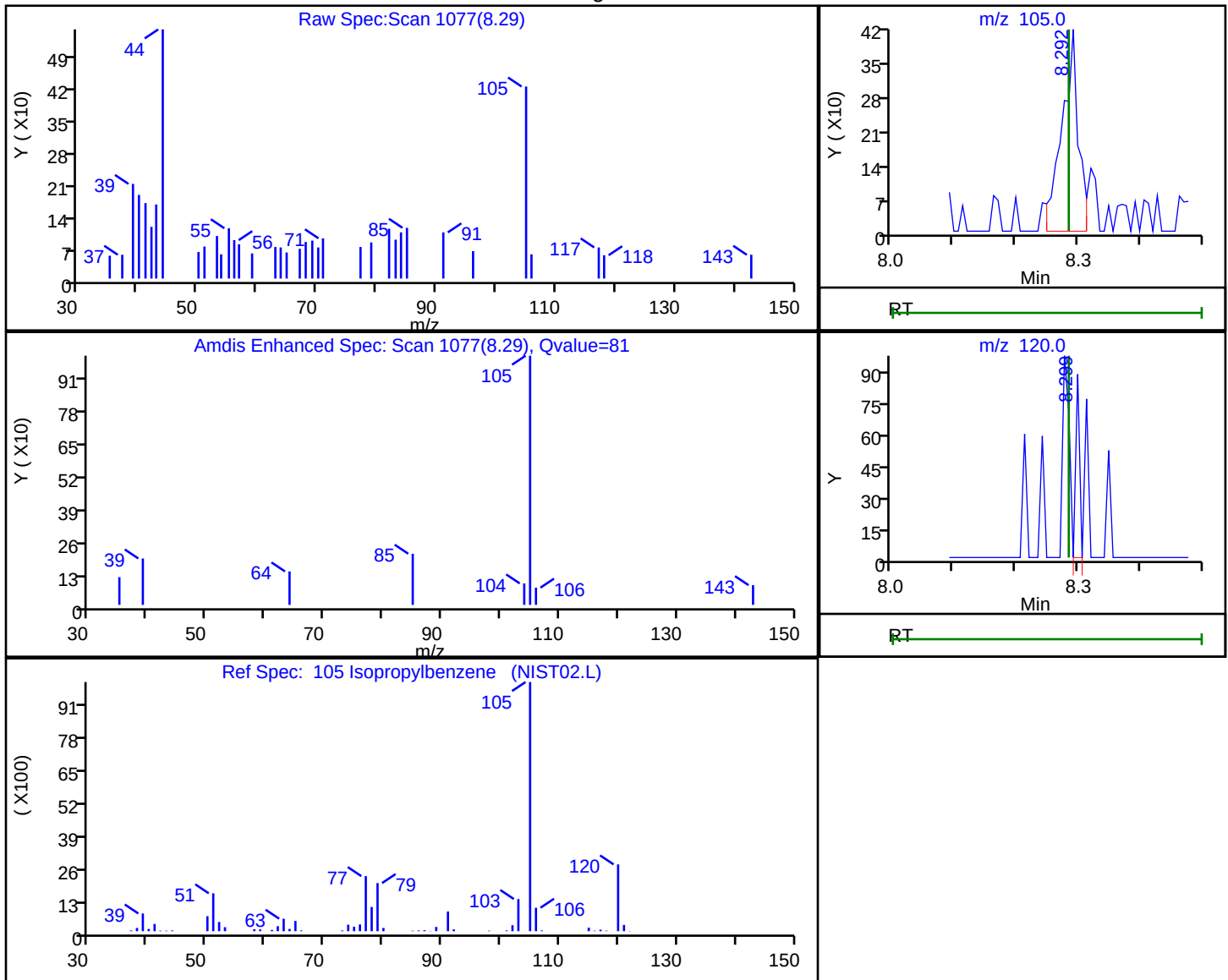
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

105 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
8.29	105.00	777	0.062549
8.30	120.00	38	

Reviewer: pakanatir, 25-Sep-2019 13:35:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

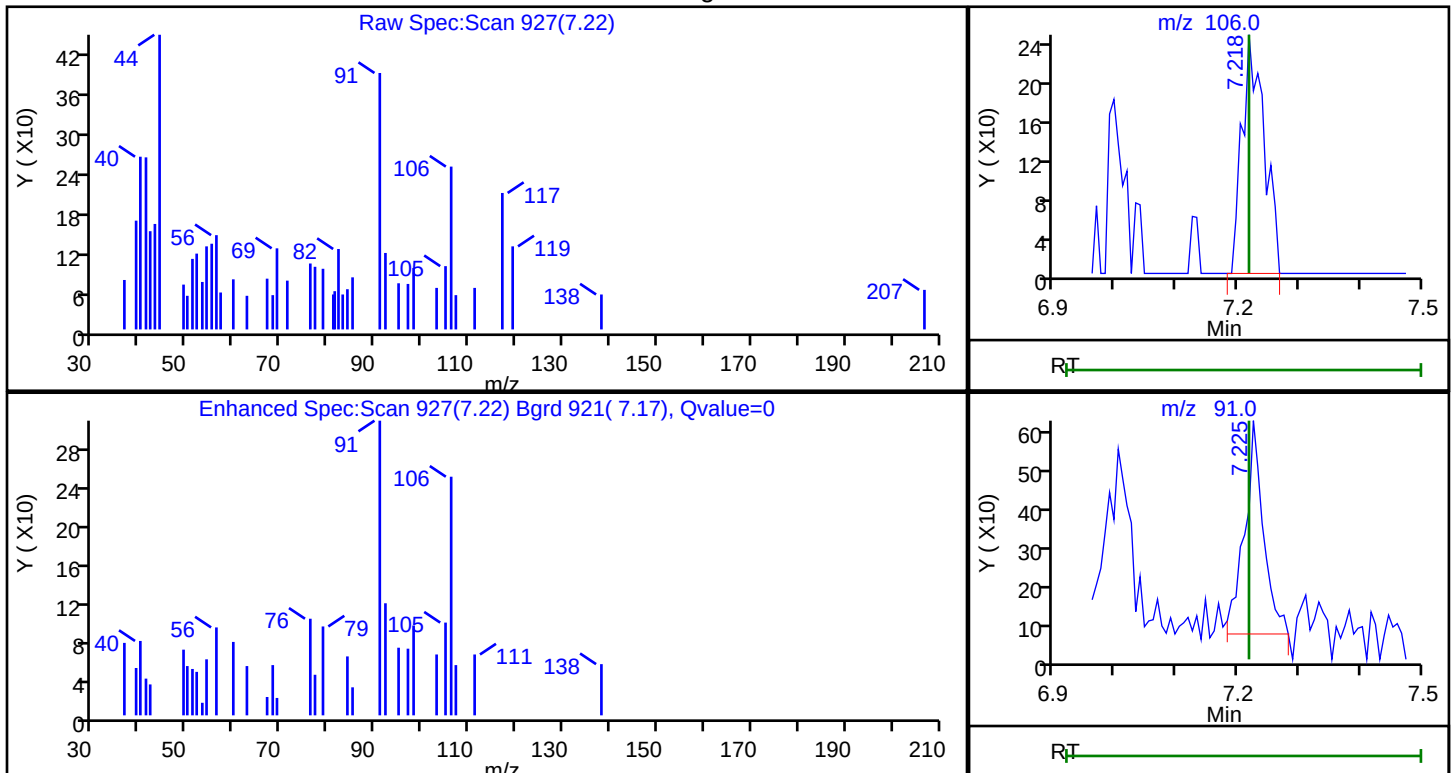
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
7.22	106.00	621	0.111116
7.22	91.00	1194	

Reviewer: pakanatir, 25-Sep-2019 13:35:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

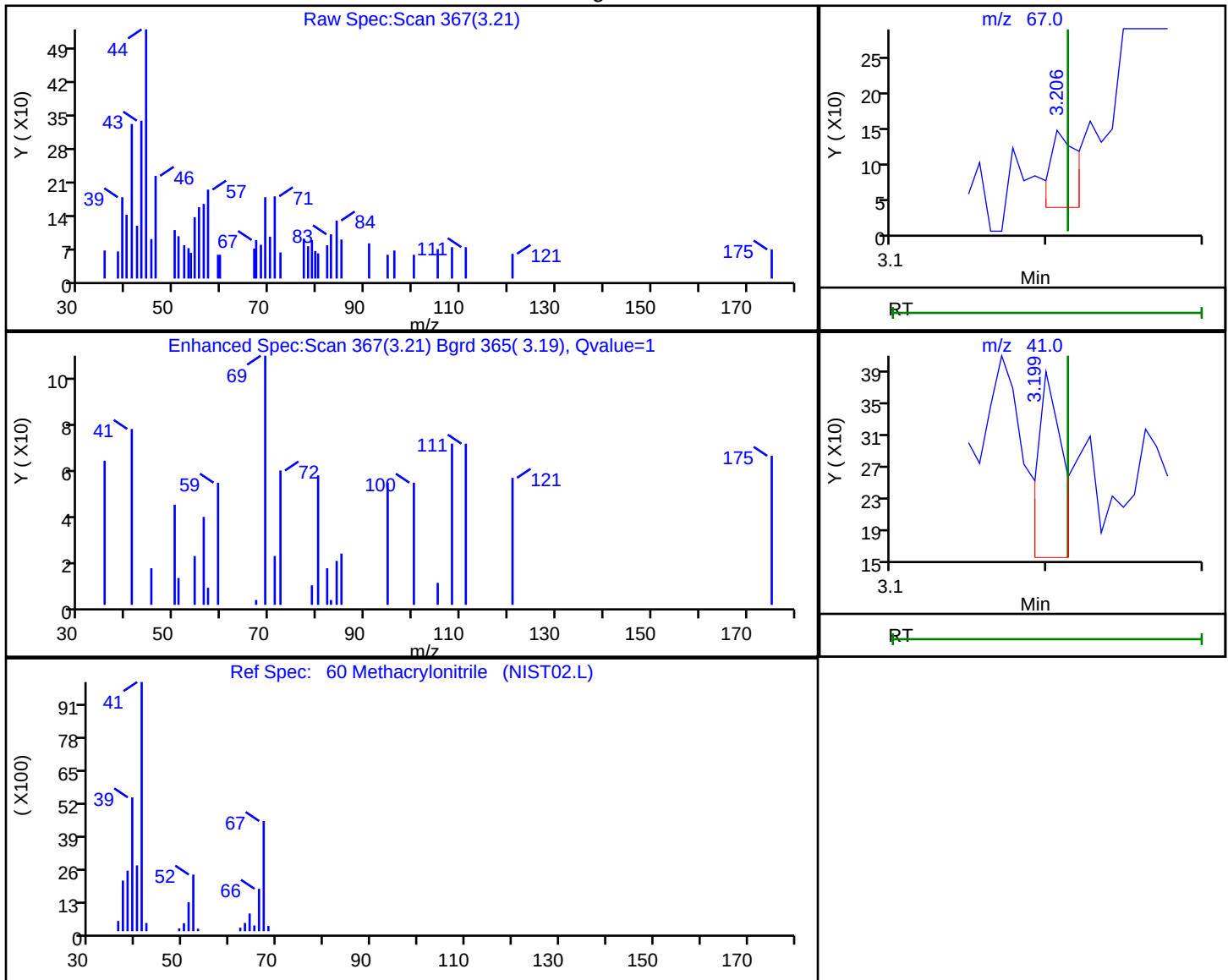
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

60 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.21	67.00	136	0.162253
3.20	41.00	257	

Reviewer: pakanatir, 25-Sep-2019 13:34:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

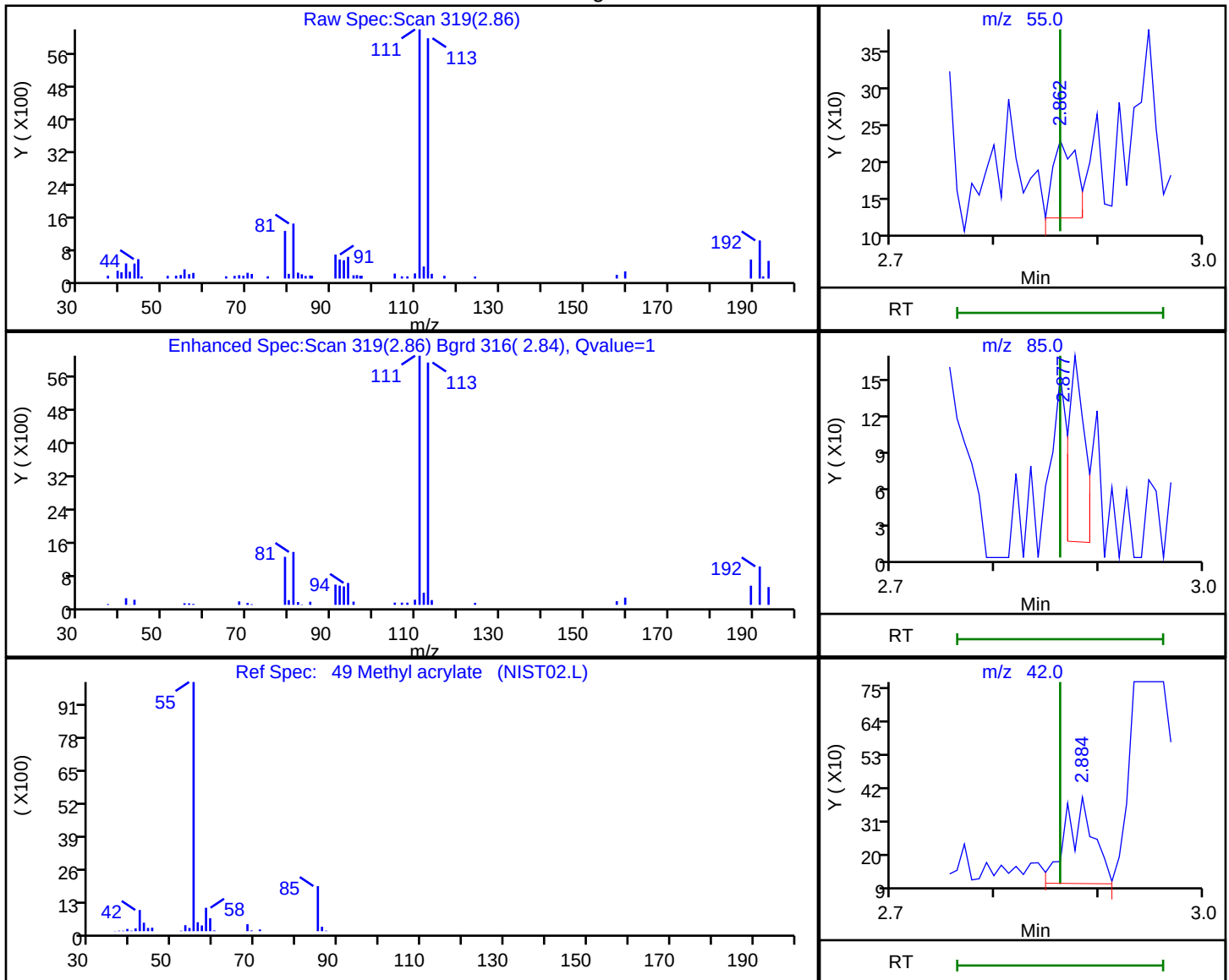
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

49 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
2.86	55.00	165	0.089599
2.88	85.00	165	
2.88	42.00	532	

Reviewer: pakanatir, 25-Sep-2019 13:33:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

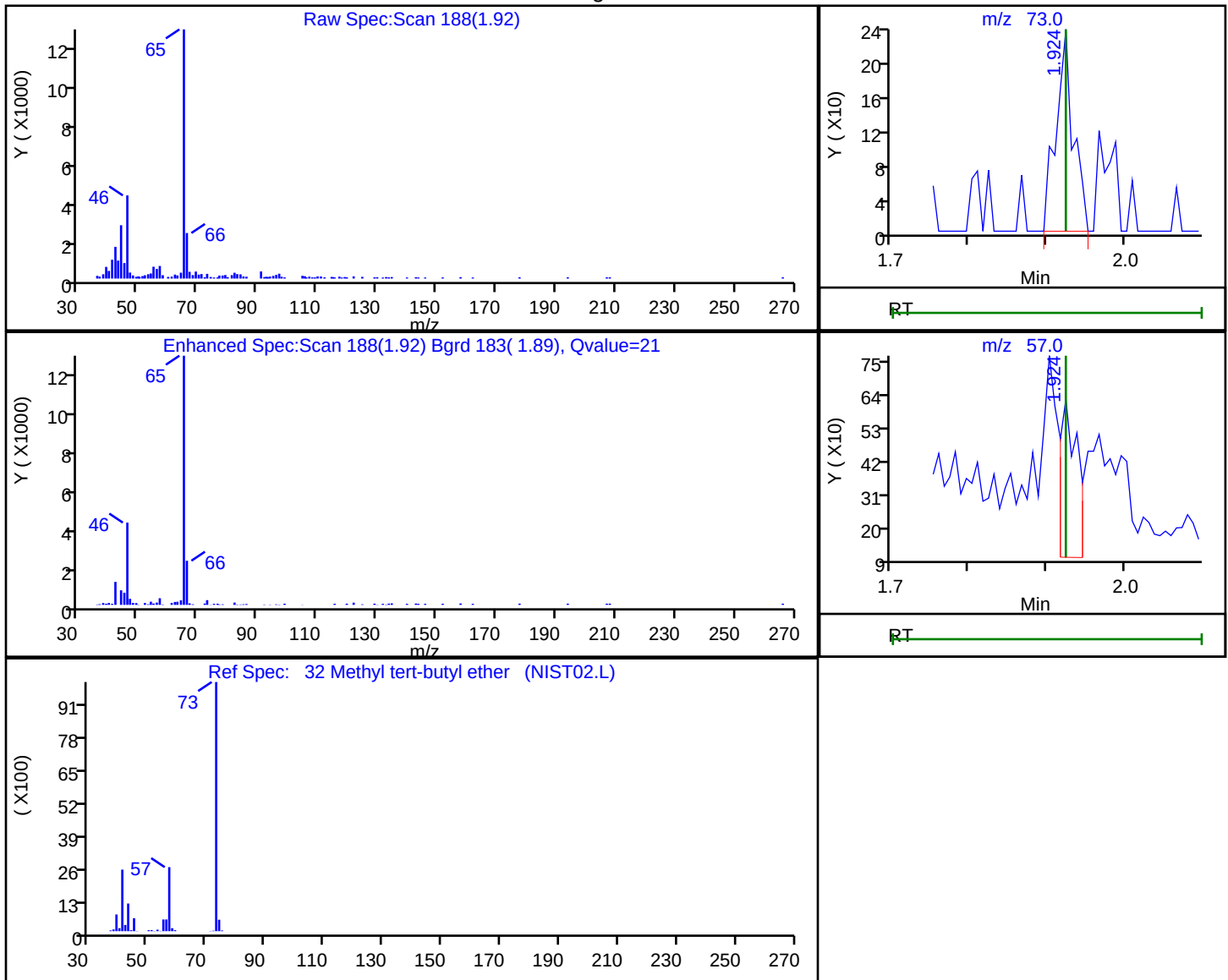
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
1.92	73.00	358	0.040937
1.92	57.00	828	

Reviewer: pakanatir, 25-Sep-2019 13:32:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

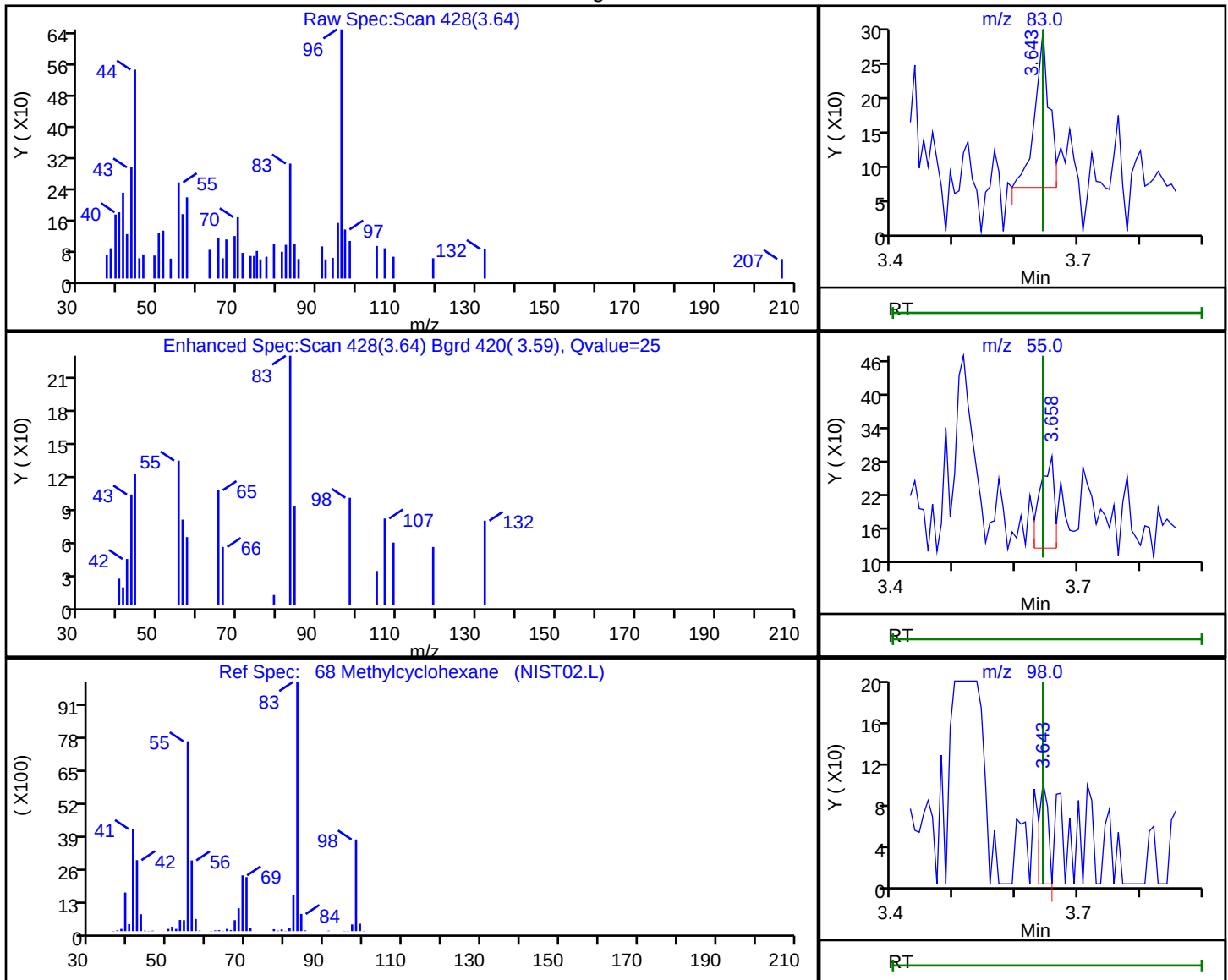
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
3.64	83.00	377	0.134361
3.66	55.00	263	
3.64	98.00	101	

Reviewer: pakanatir, 25-Sep-2019 13:34:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

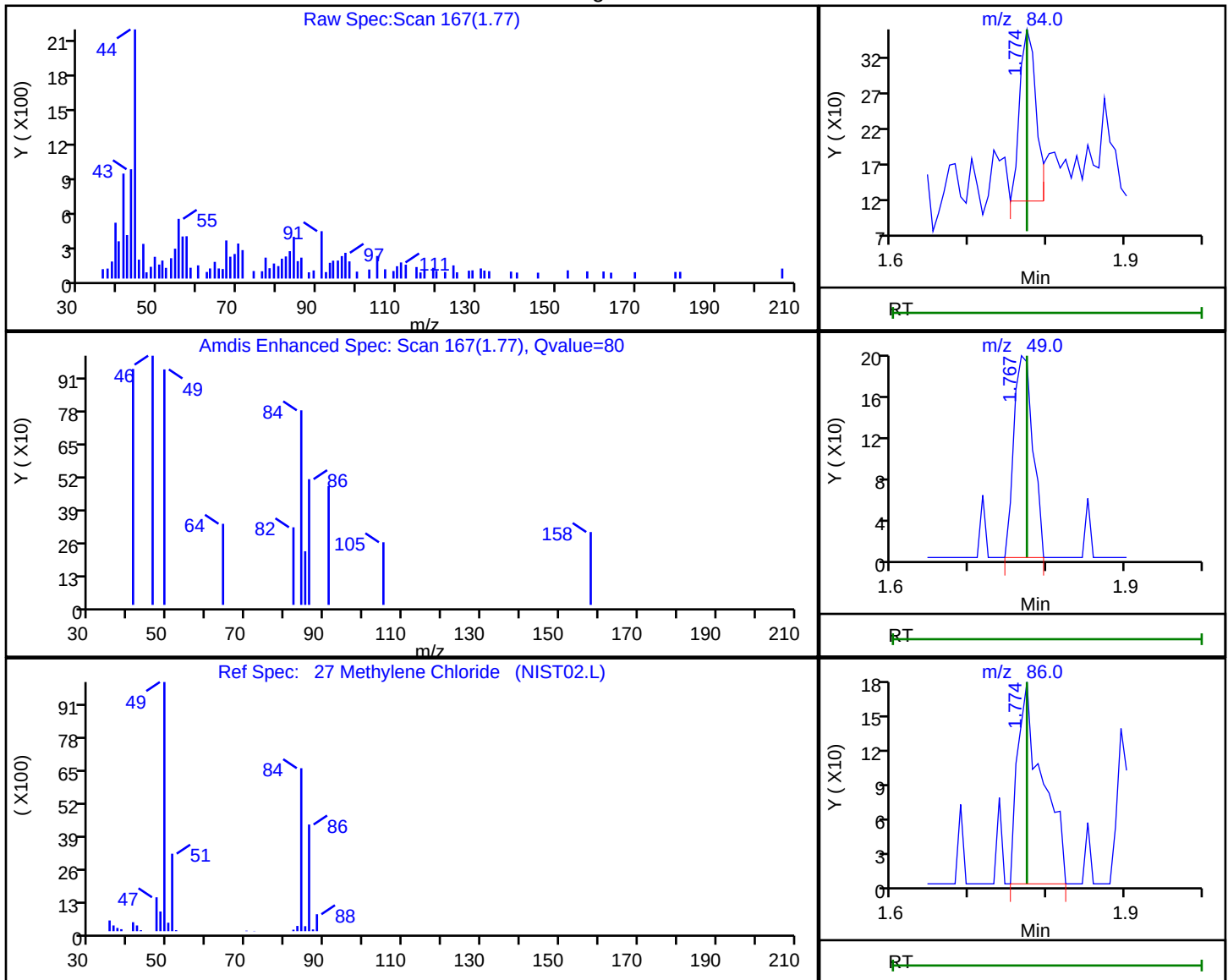
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
1.77	84.00	355	0.100824
1.77	49.00	327	
1.77	86.00	399	

Reviewer: pakanatir, 25-Sep-2019 13:32:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

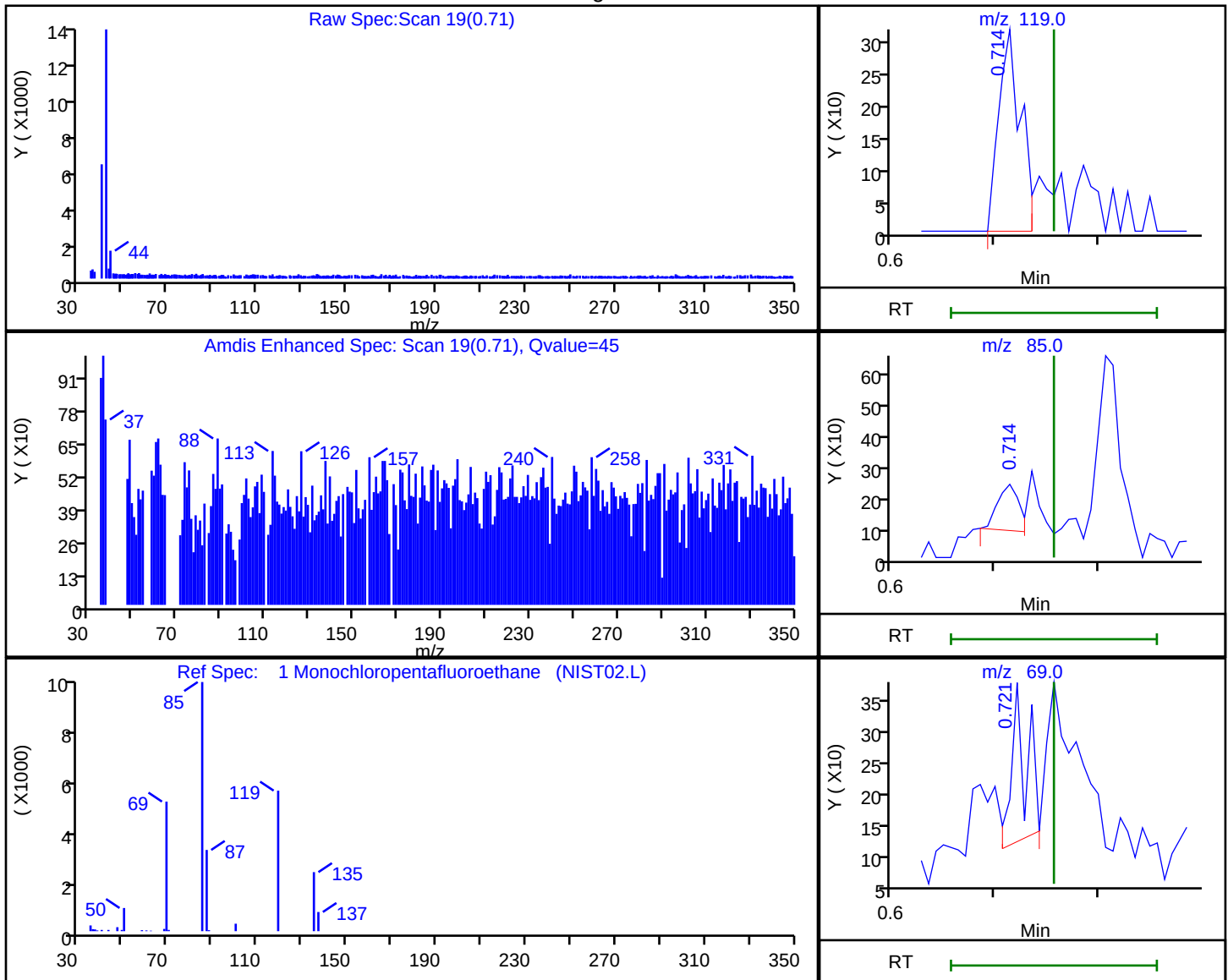
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
0.71	119.00	473	4.017543
0.71	85.00	217	
0.72	69.00	256	
0.71	135.00	364	

Reviewer: pakanatir, 25-Sep-2019 13:30:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

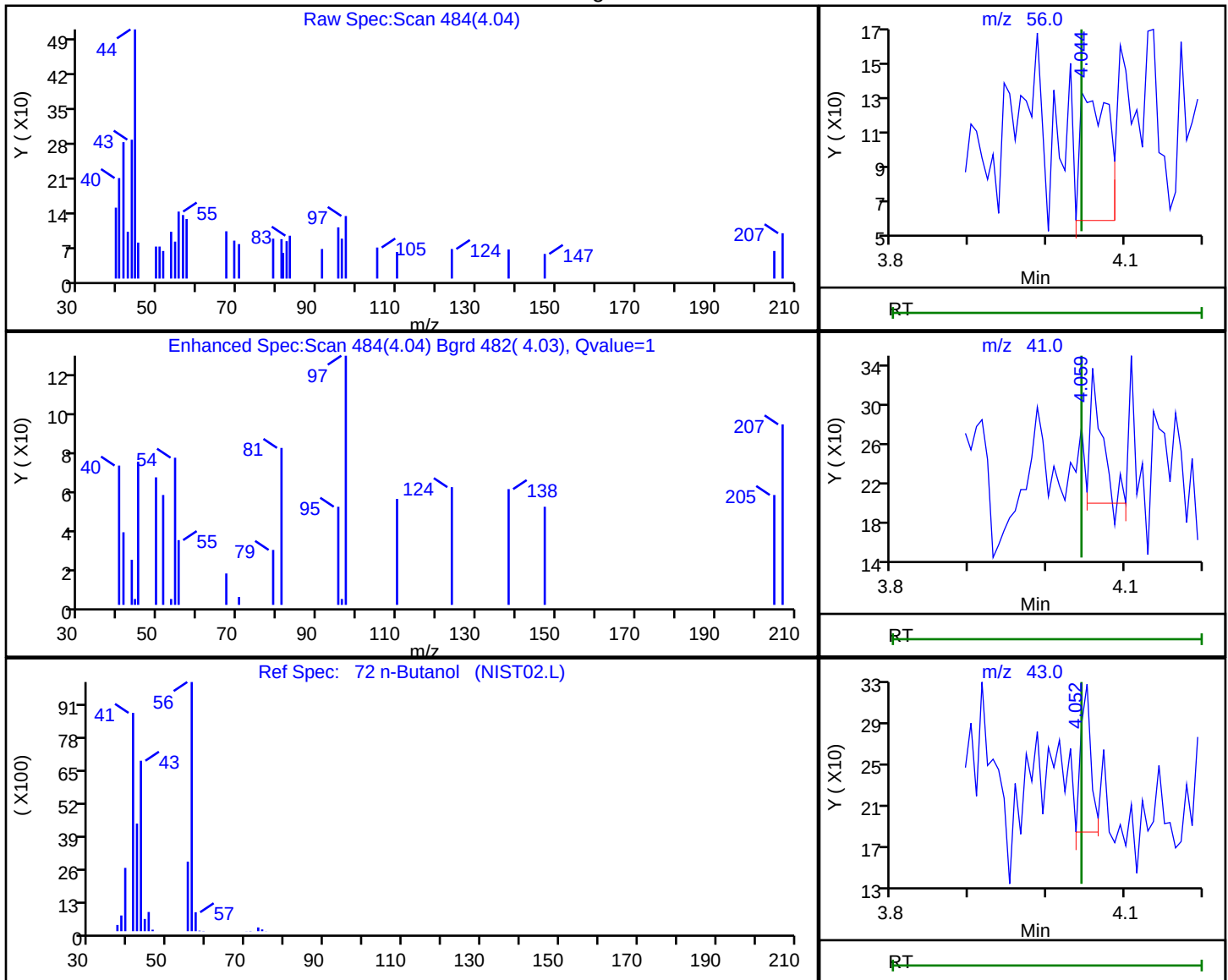
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

72 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.04	56.00	181	4.136677
4.06	41.00	143	
4.05	43.00	127	

Reviewer: pakanatir, 25-Sep-2019 13:34:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

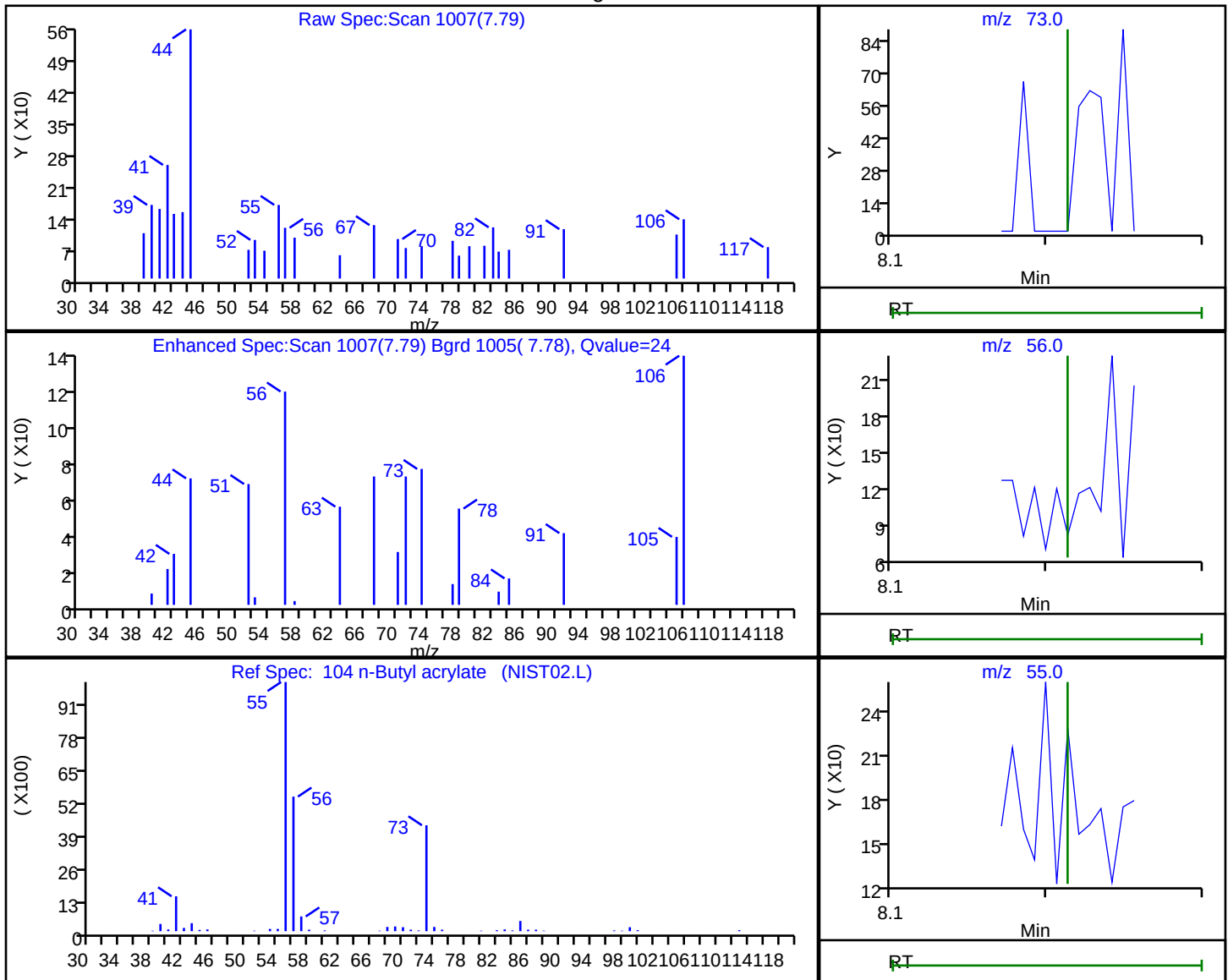
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

104 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
7.79	73.00	31	0.018357
7.78	56.00	121	
7.80	55.00	173	

Reviewer: pakanatir, 25-Sep-2019 13:35:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

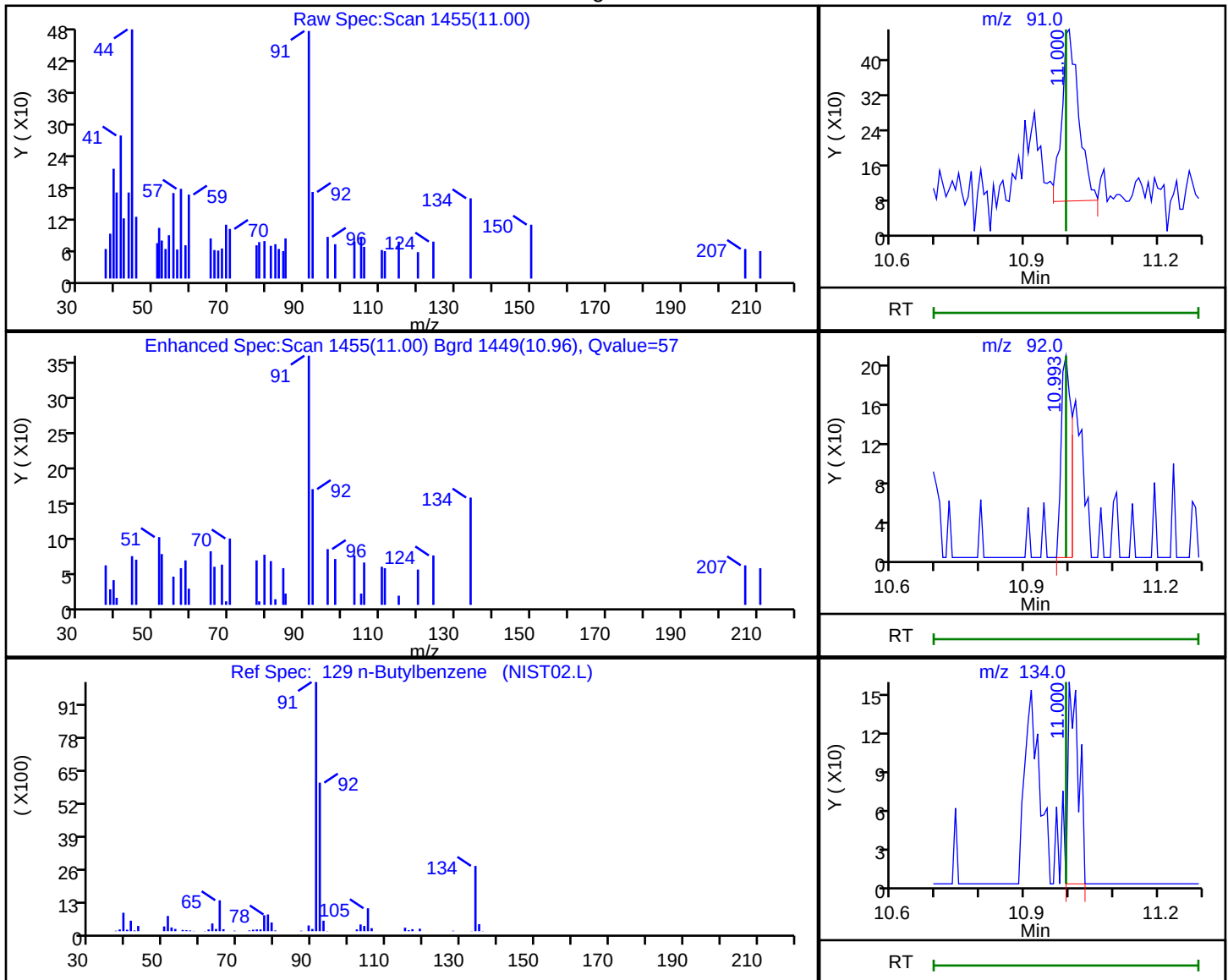
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

129 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.00	91.00	1056	0.140364
10.99	92.00	324	
11.00	134.00	247	

Reviewer: pakanatir, 25-Sep-2019 13:35:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

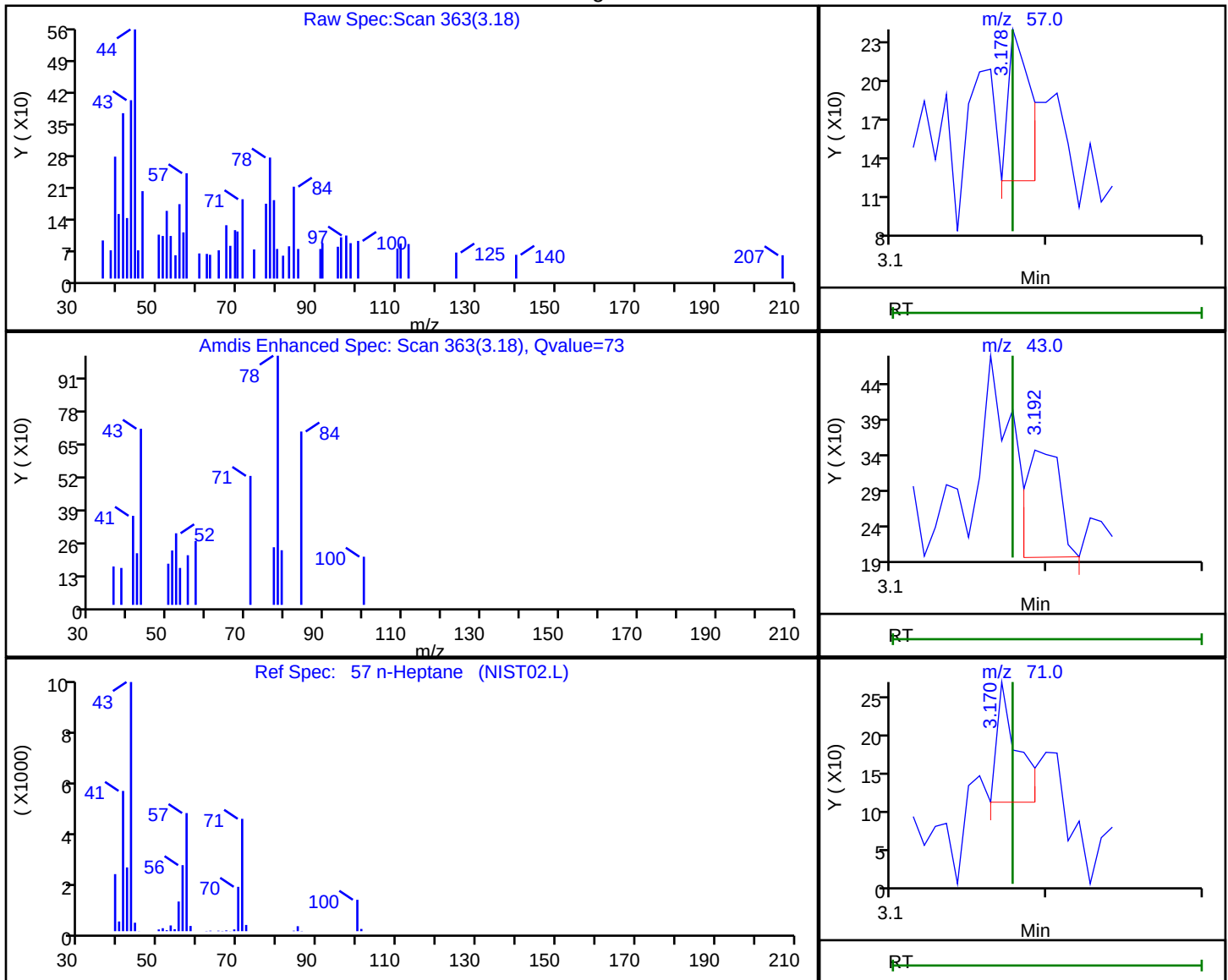
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

57 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.18	57.00	112	0.155195
3.19	43.00	233	
3.17	71.00	146	

Reviewer: pakanatir, 25-Sep-2019 13:34:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

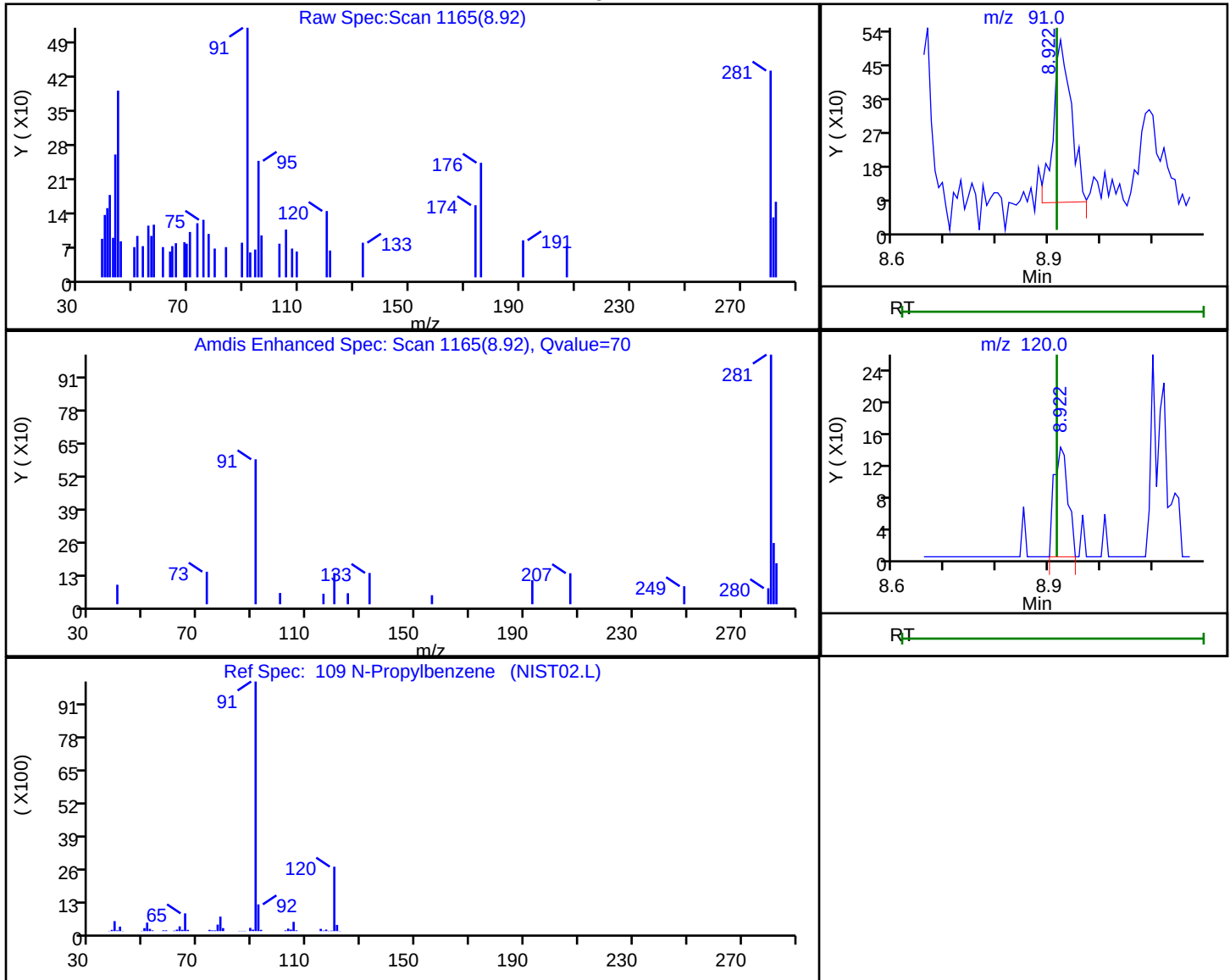
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

109 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
8.92	91.00	1054	0.081713
8.92	120.00	252	

Reviewer: pakanatir, 25-Sep-2019 13:35:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

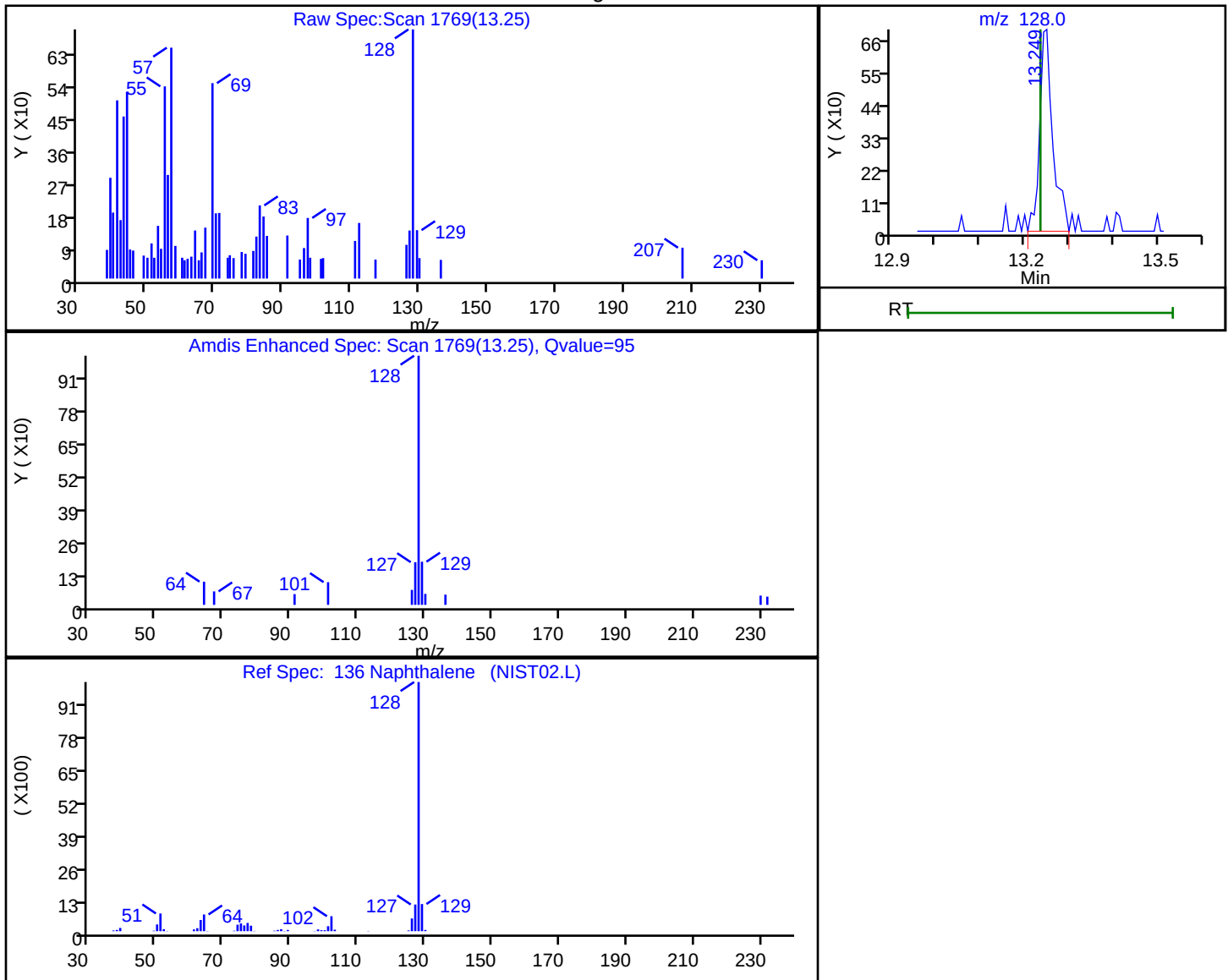
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

136 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
13.25	128.00	1435	0.158768

Reviewer: pakanatir, 25-Sep-2019 13:35:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

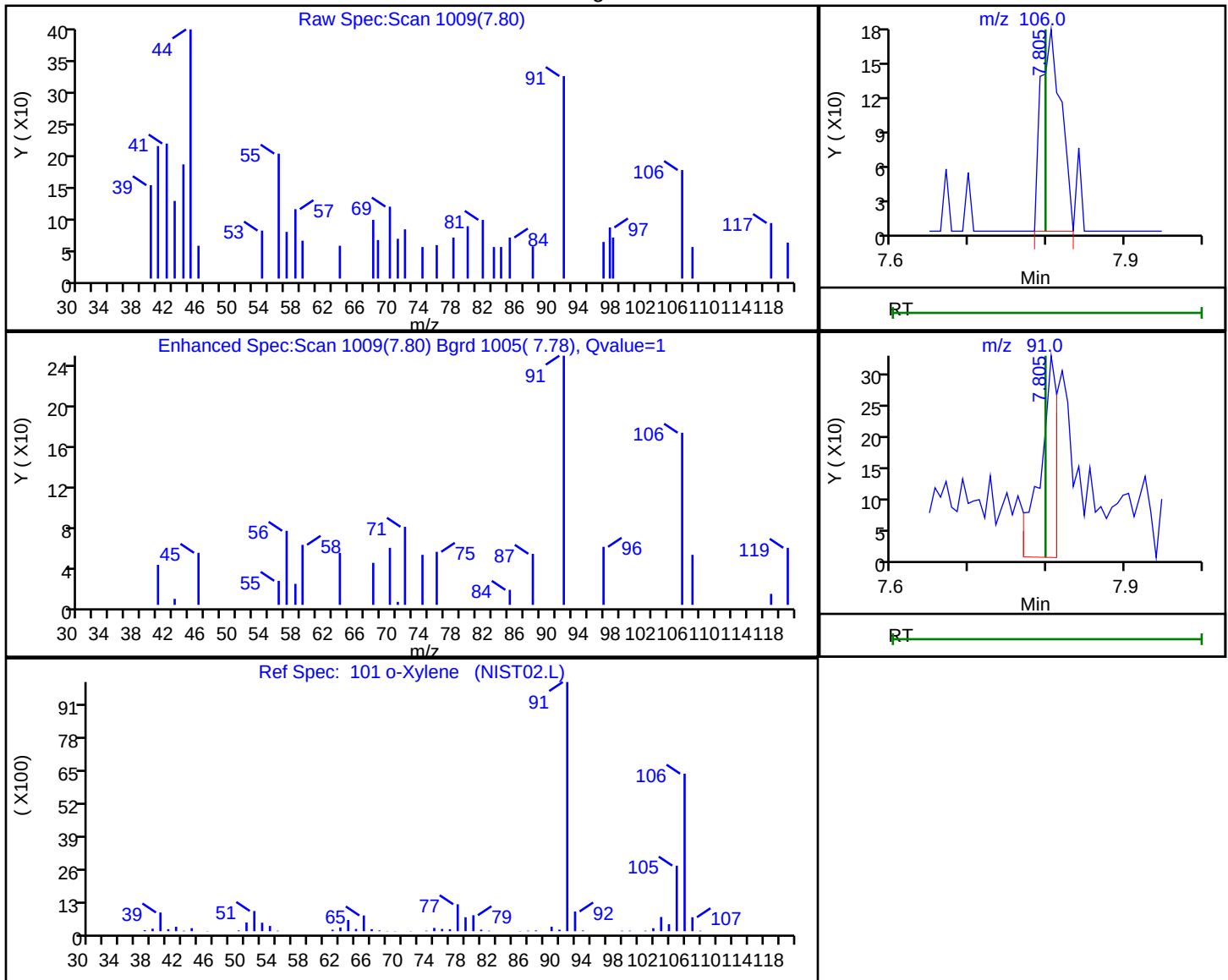
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
7.80	106.00	311	0.058921
7.80	91.00	493	

Reviewer: pakanatir, 25-Sep-2019 13:35:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

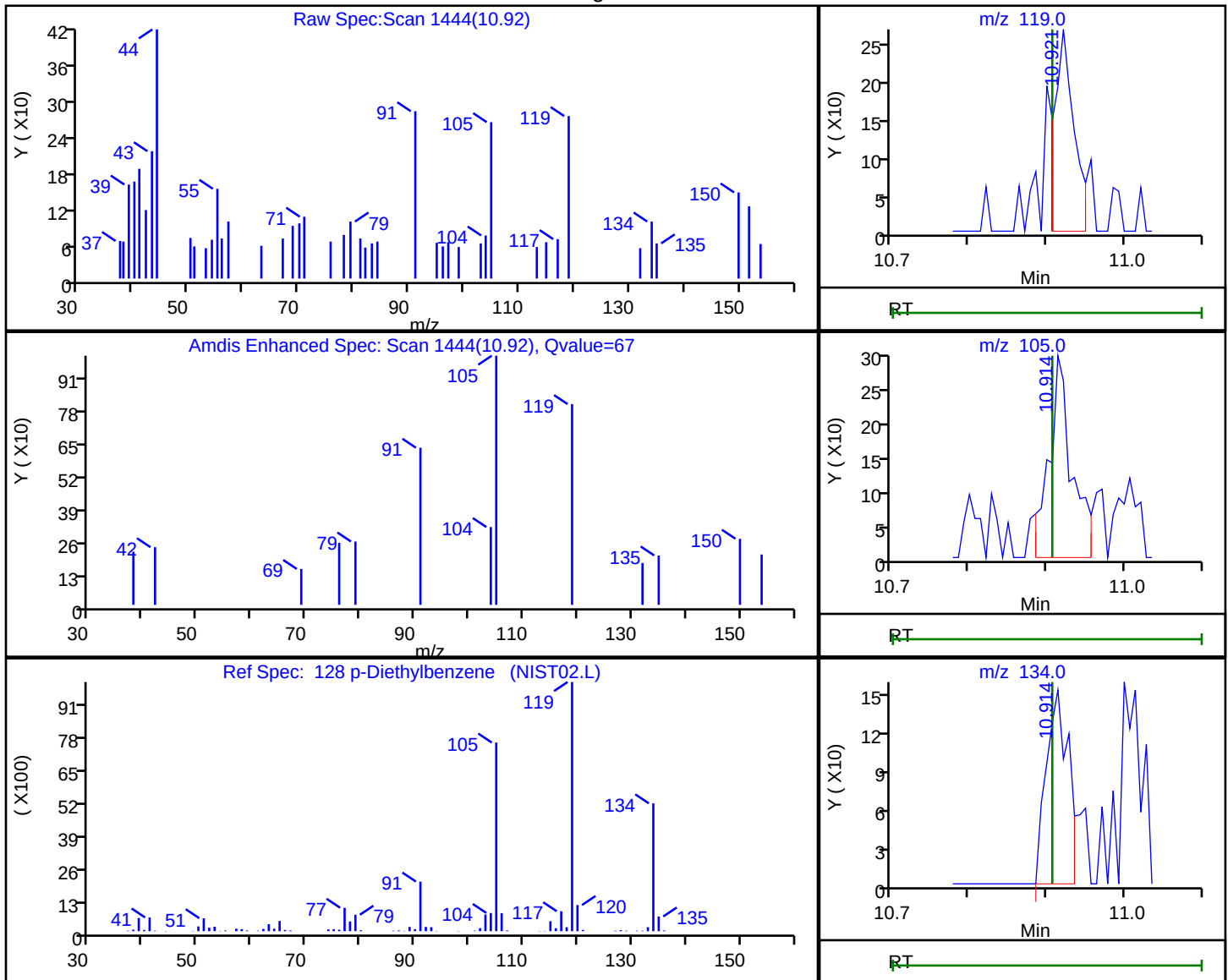
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

128 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.92	119.00	466	0.089969
10.91	105.00	616	
10.91	134.00	291	

Reviewer: pakanatir, 25-Sep-2019 13:35:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

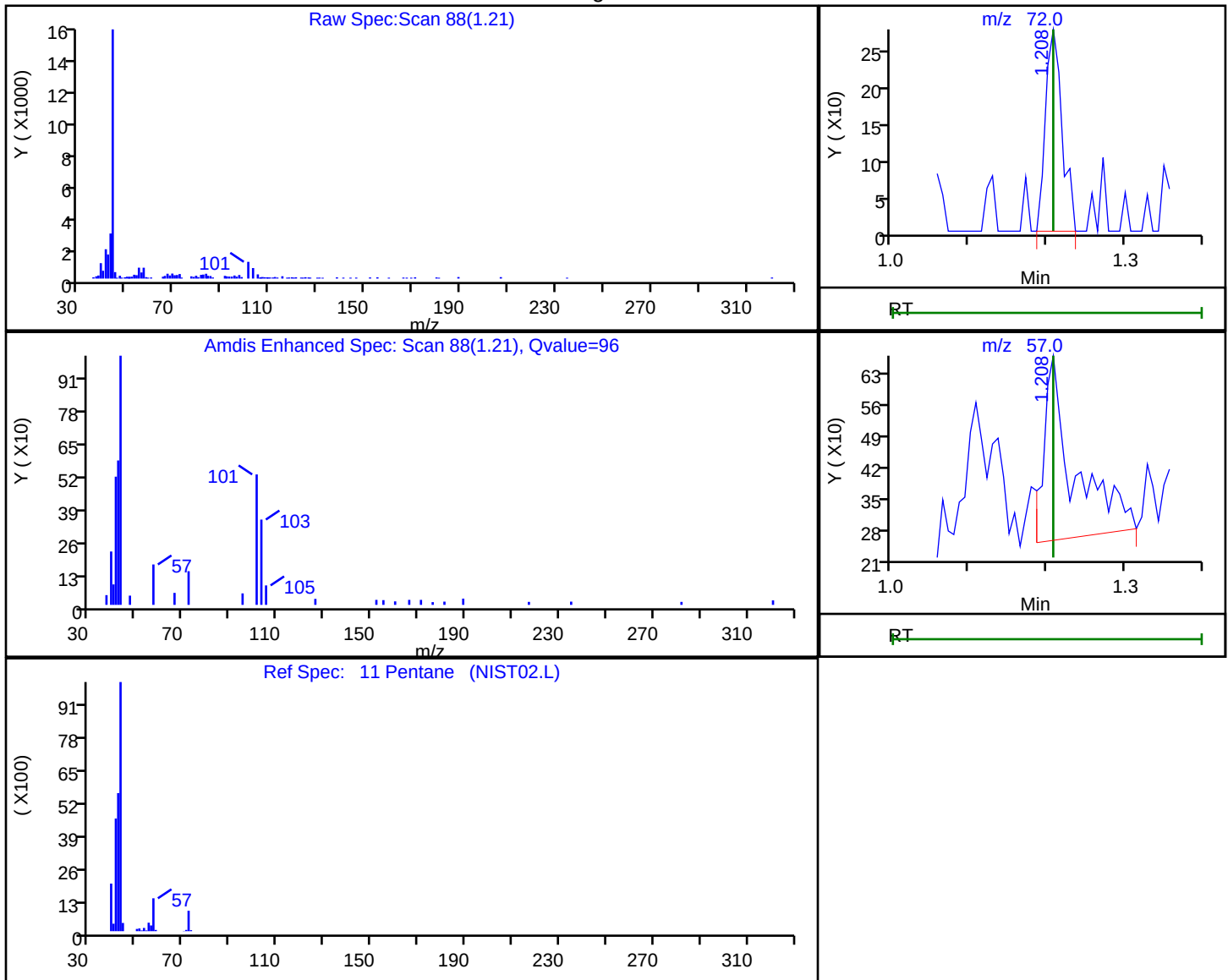
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

11 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.21	72.00	412	1.077995
1.21	57.00	1104	

Reviewer: pakanatir, 25-Sep-2019 13:30:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

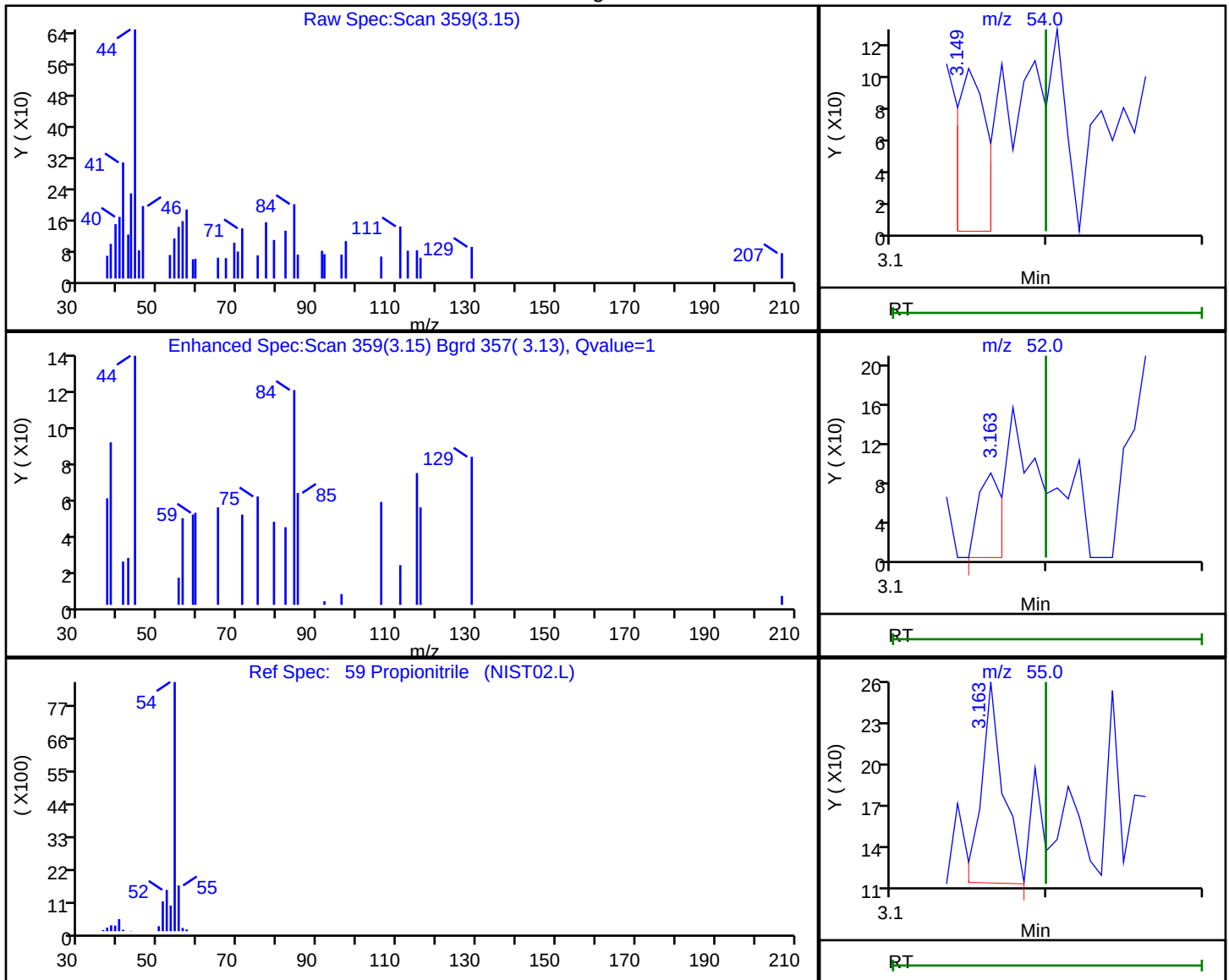
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

59 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.15	54.00	141	0.559237
3.16	52.00	91	
3.16	55.00	136	

Reviewer: pakanatir, 25-Sep-2019 13:34:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

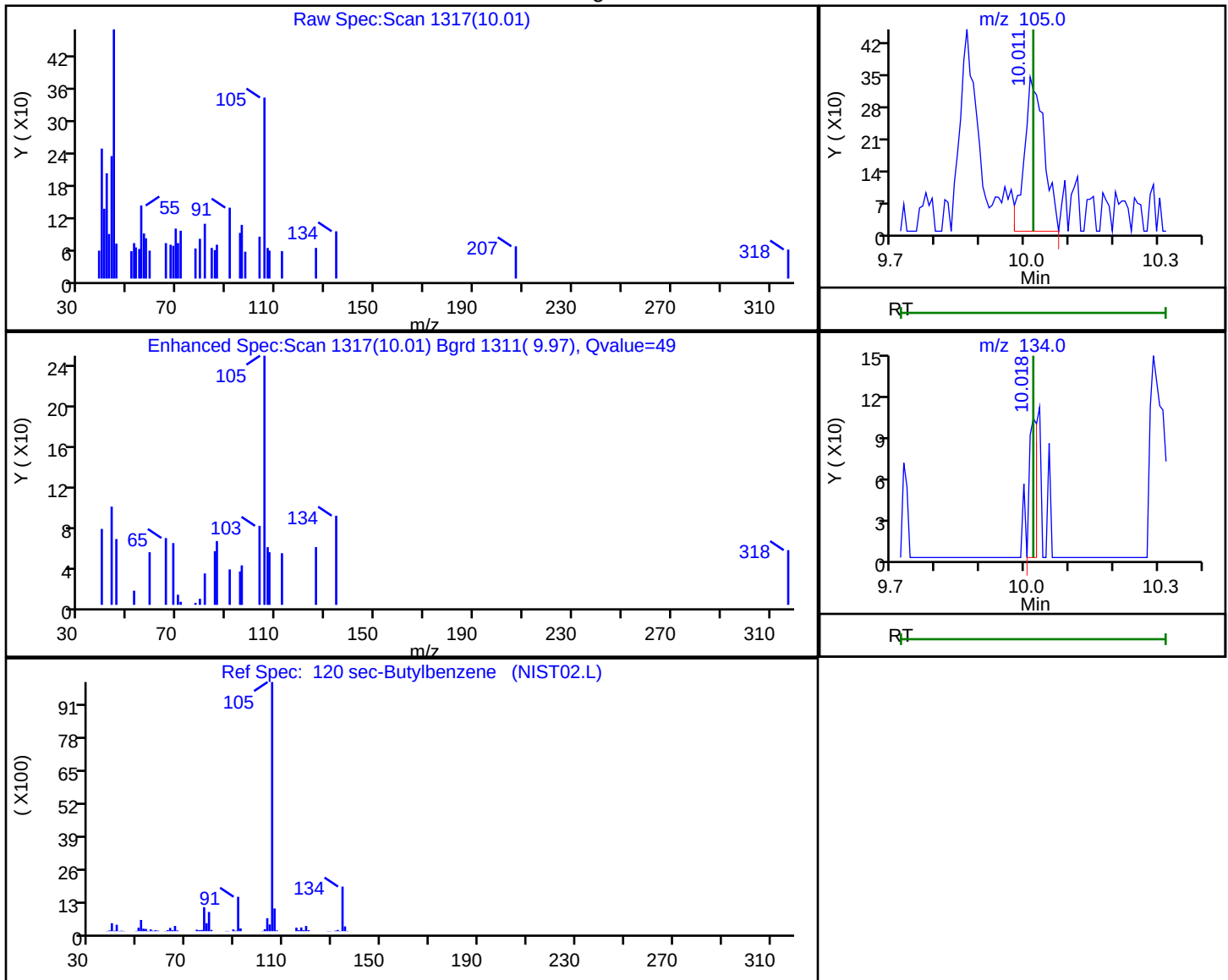
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

120 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.01	105.00	1050	0.101191
10.02	134.00	122	

Reviewer: pakanatir, 25-Sep-2019 13:35:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

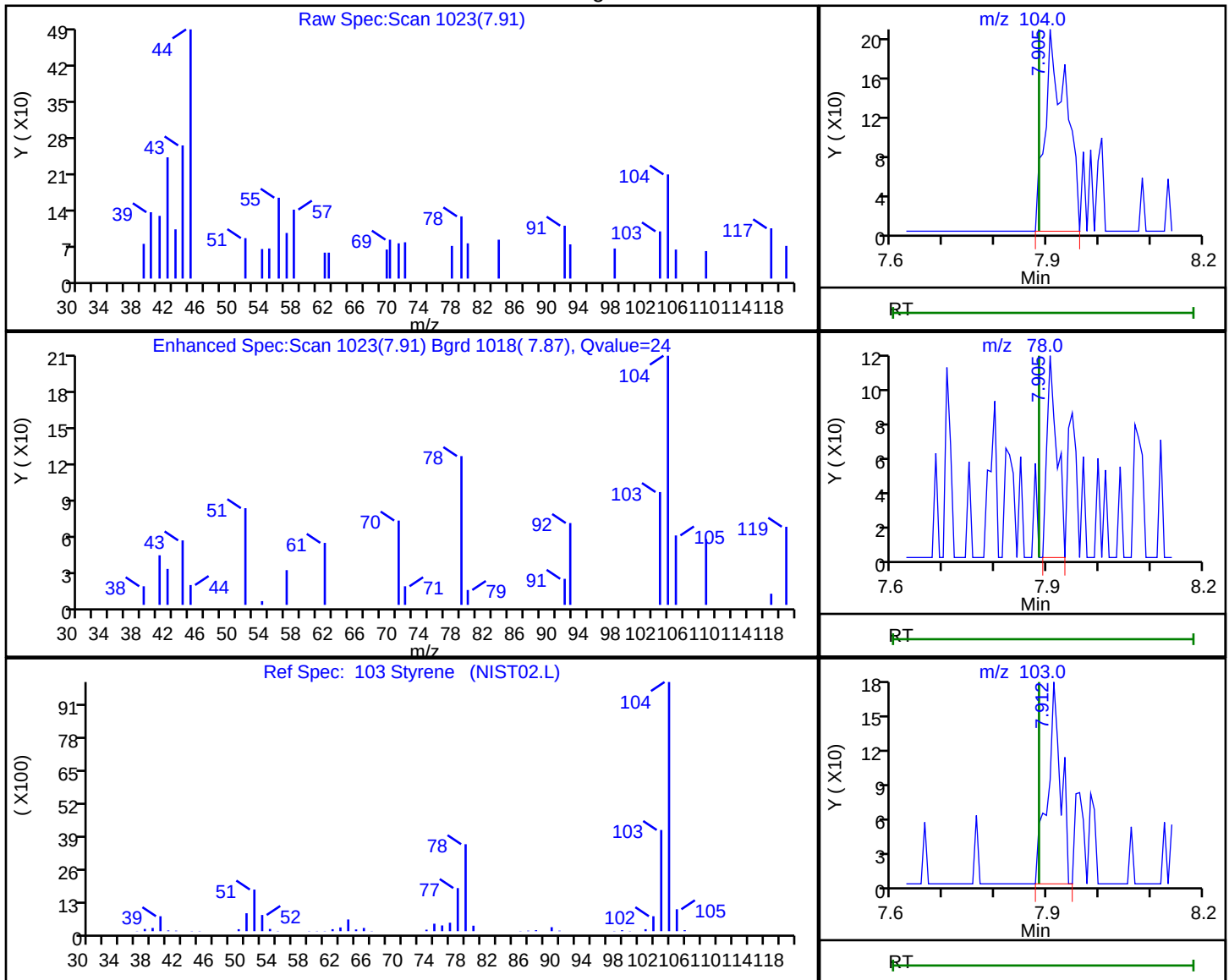
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

103 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
7.91	104.00	567	0.065971
7.91	78.00	164	
7.91	103.00	318	

Reviewer: pakanatir, 25-Sep-2019 13:35:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

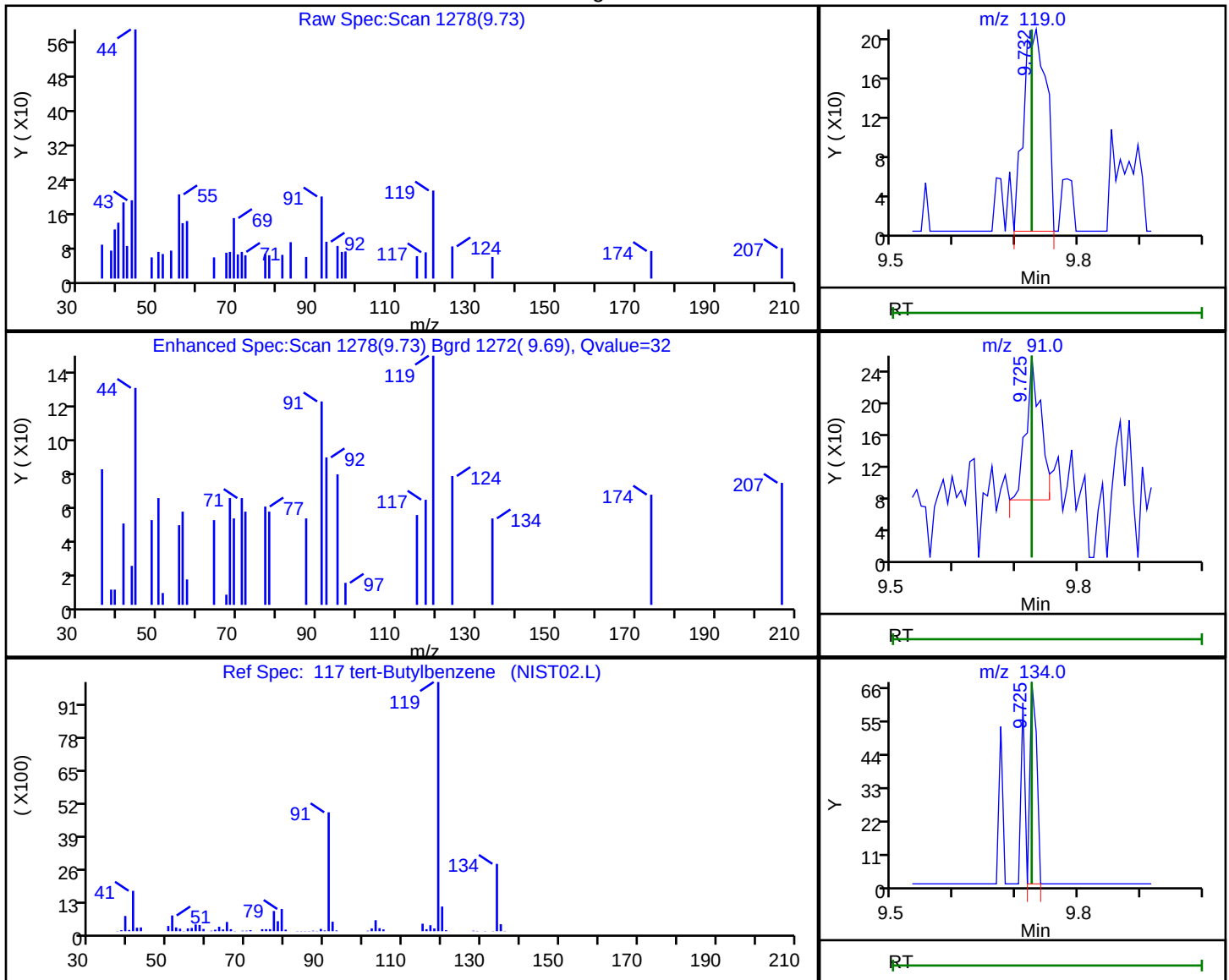
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

117 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.73	119.00	530	0.065262
9.72	91.00	303	
9.72	134.00	51	

Reviewer: pakanatir, 25-Sep-2019 13:35:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

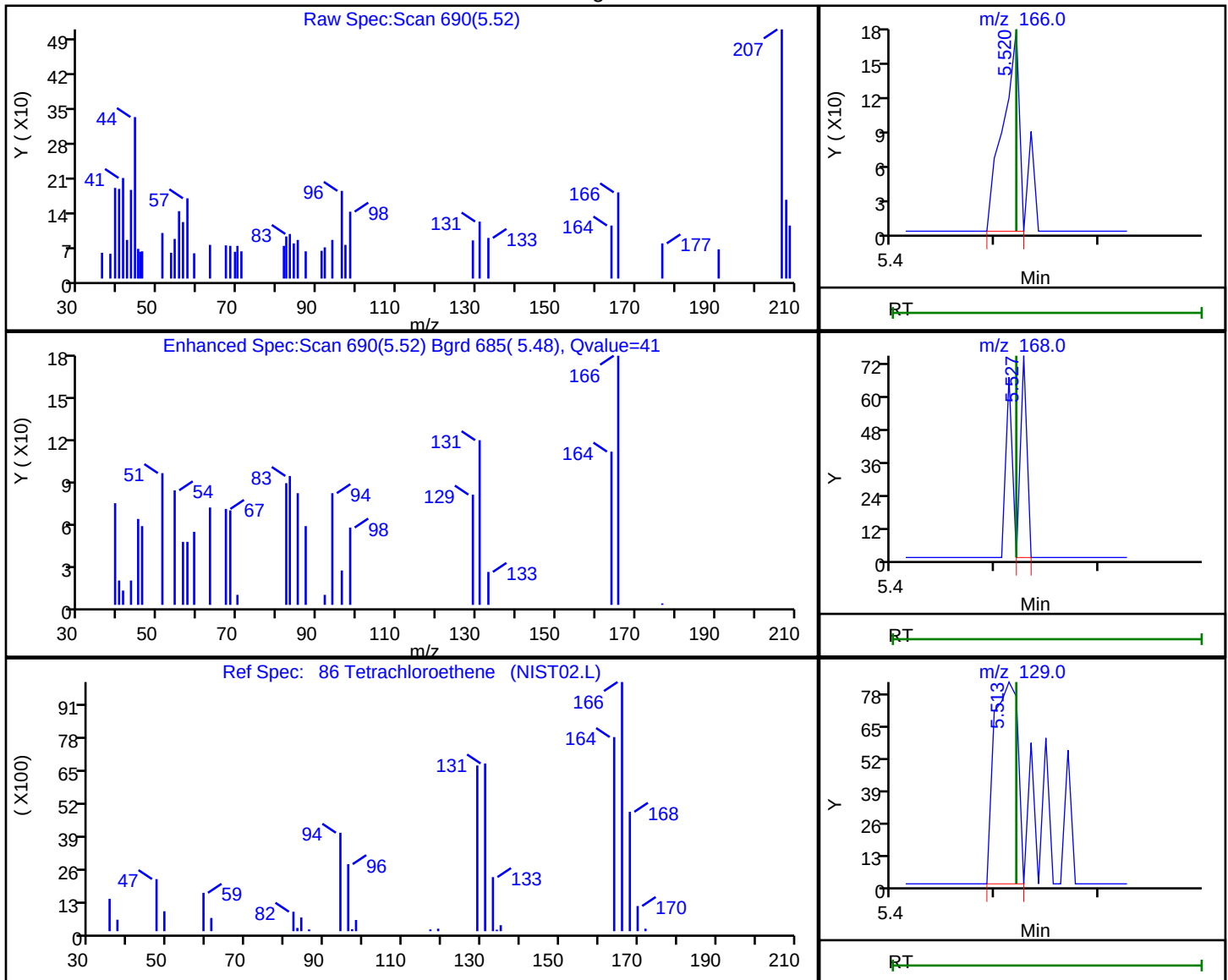
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
5.52	166.00	188	0.057235
5.53	168.00	32	
5.51	129.00	132	

Reviewer: pakanatir, 25-Sep-2019 13:35:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

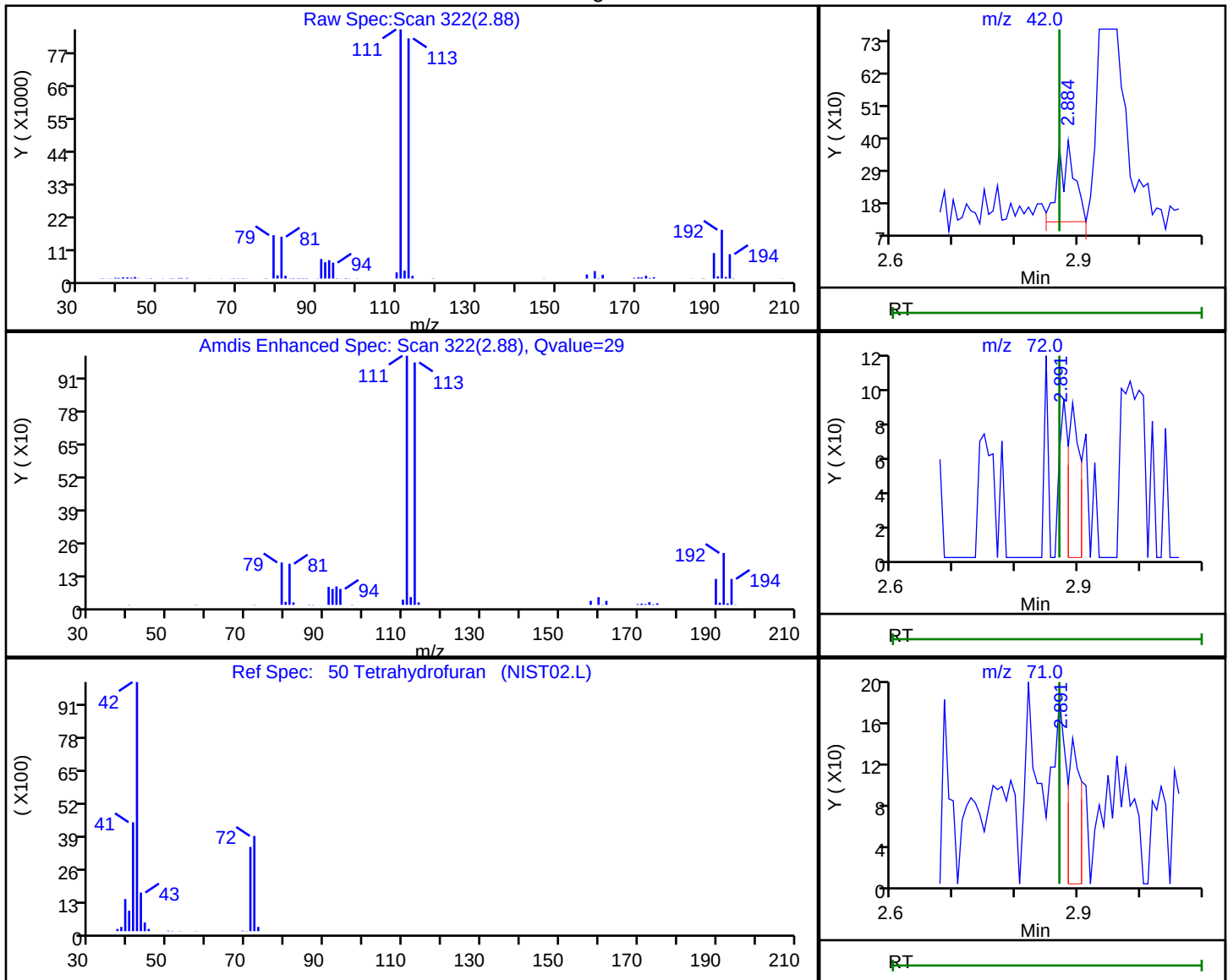
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

50 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
2.88	42.00	505	0.627997
2.89	72.00	113	
2.89	71.00	194	

Reviewer: pakanatir, 25-Sep-2019 13:33:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

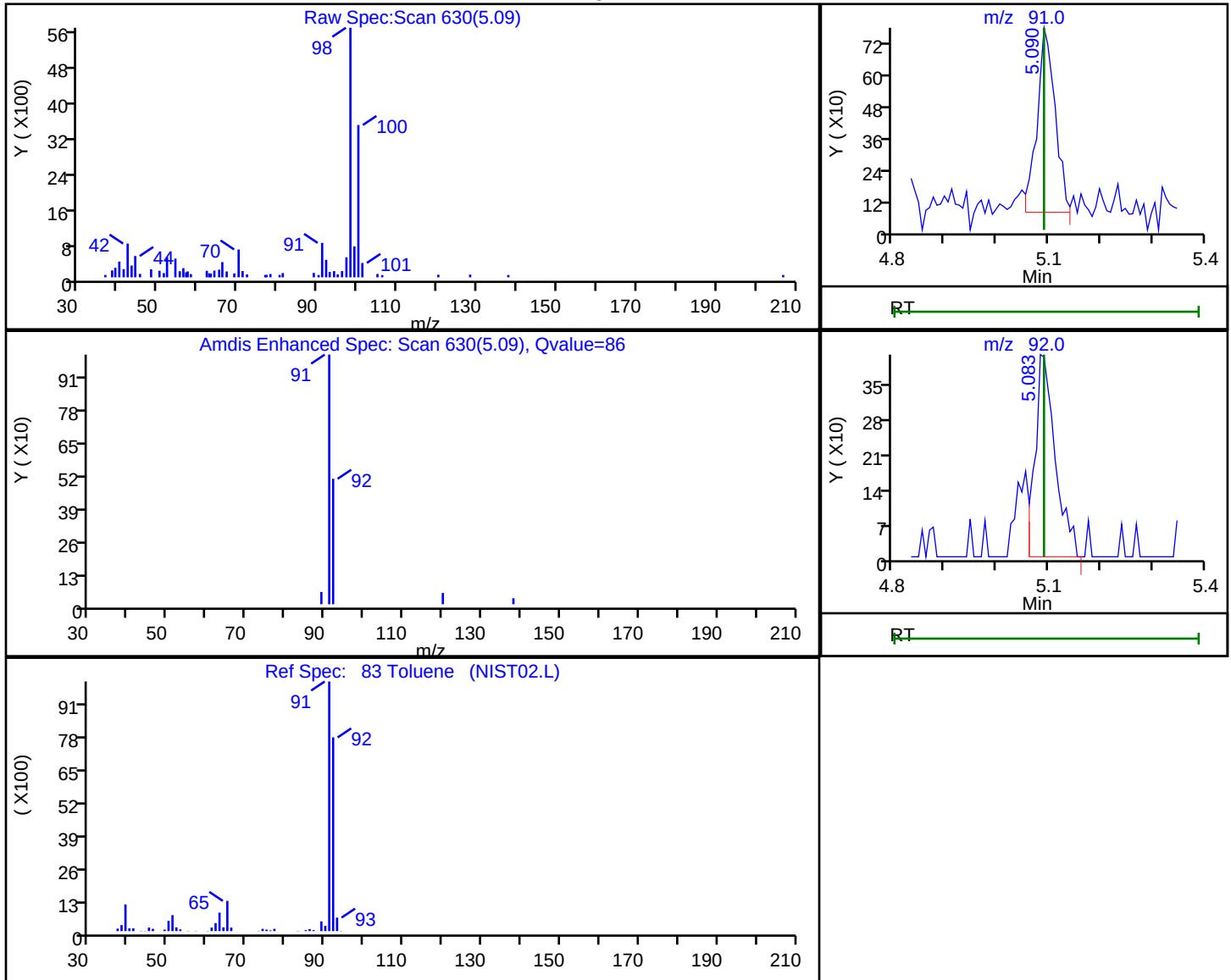
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
5.09	91.00	1725	0.135806
5.08	92.00	1085	

Reviewer: pakanatir, 25-Sep-2019 13:35:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

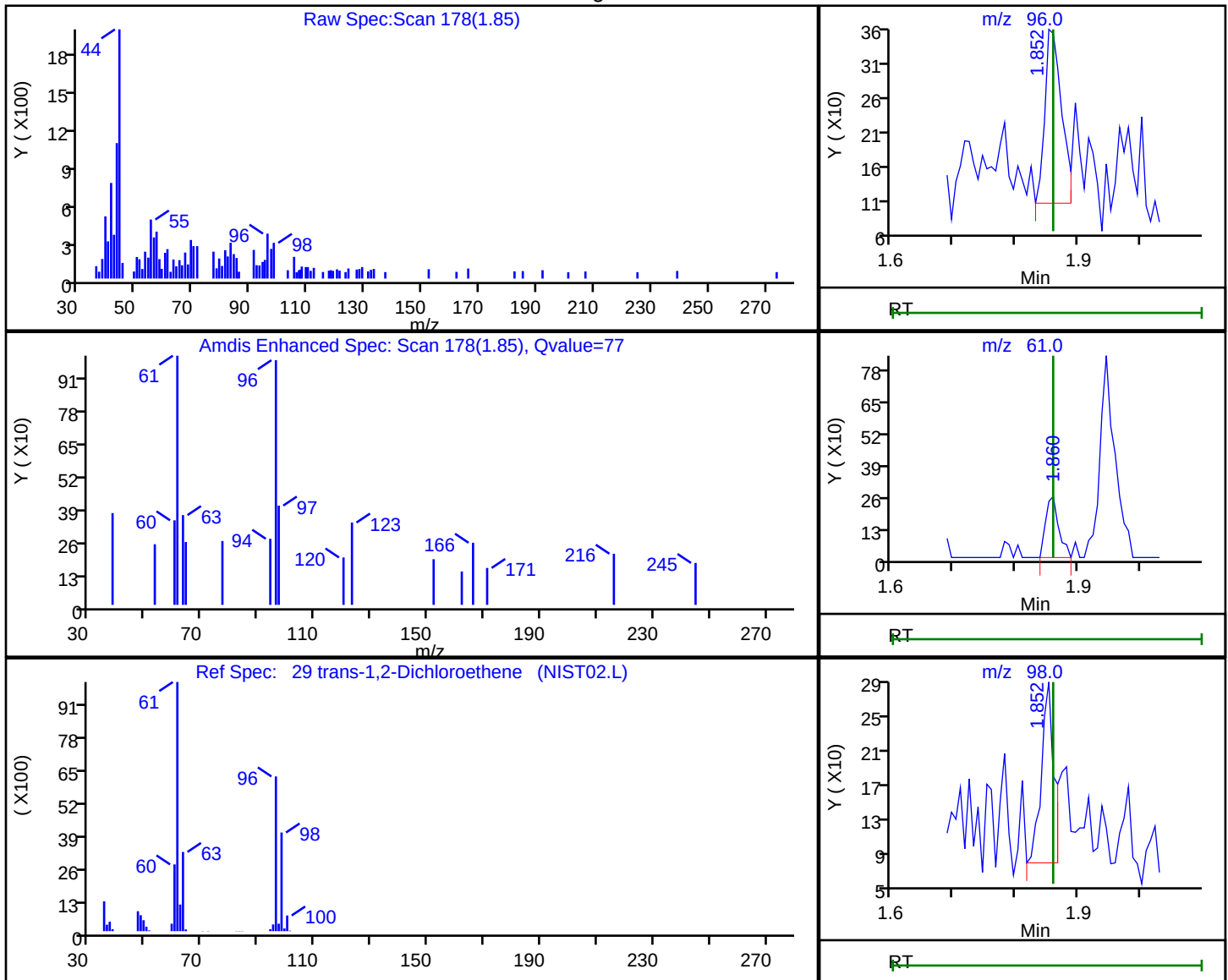
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
1.85	96.00	468	0.140135
1.86	61.00	371	
1.85	98.00	292	

Reviewer: pakanatir, 25-Sep-2019 13:32:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

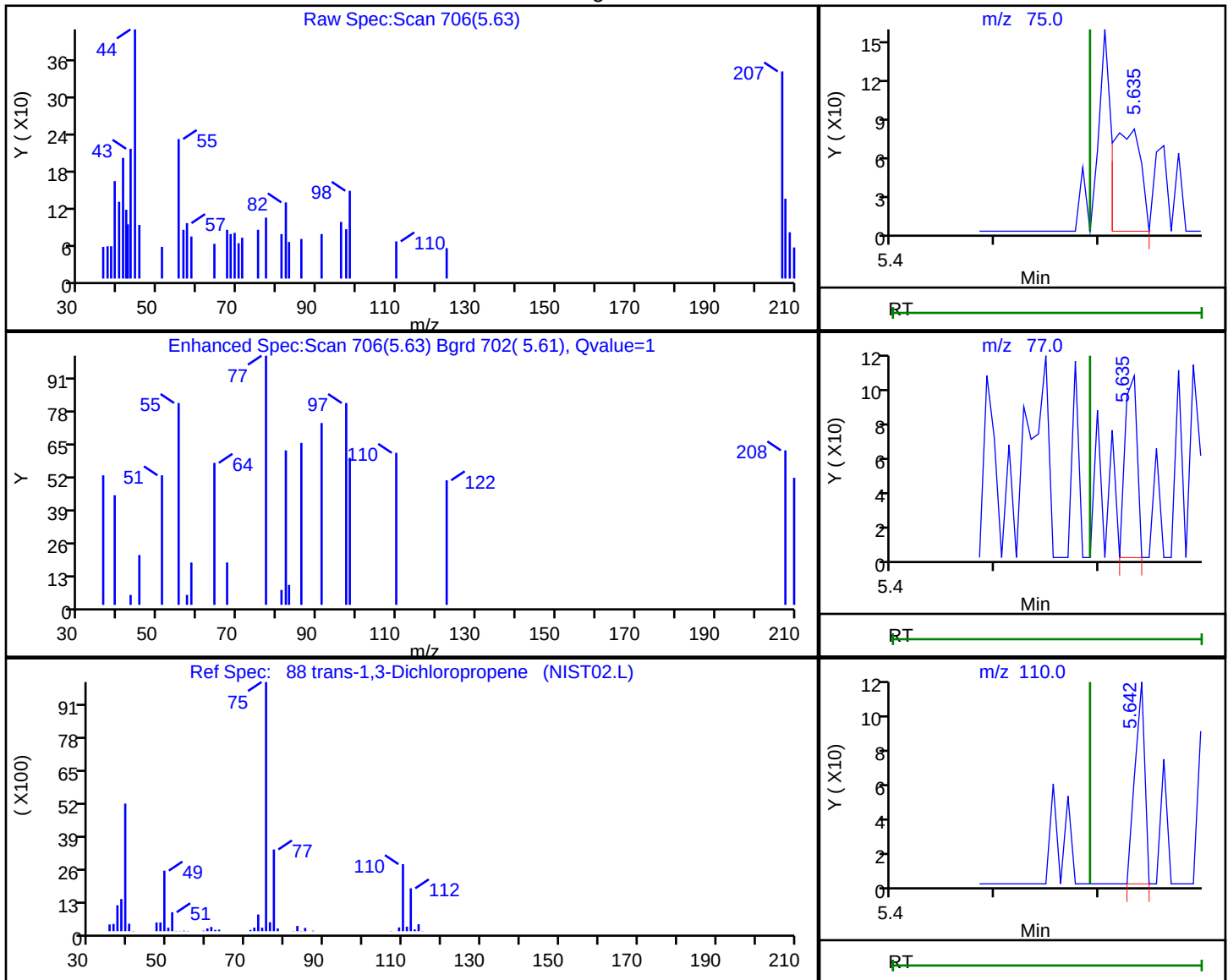
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
5.63	75.00	151	0.043360
5.63	77.00	81	
5.64	110.00	76	

Reviewer: pakanatir, 25-Sep-2019 13:35:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

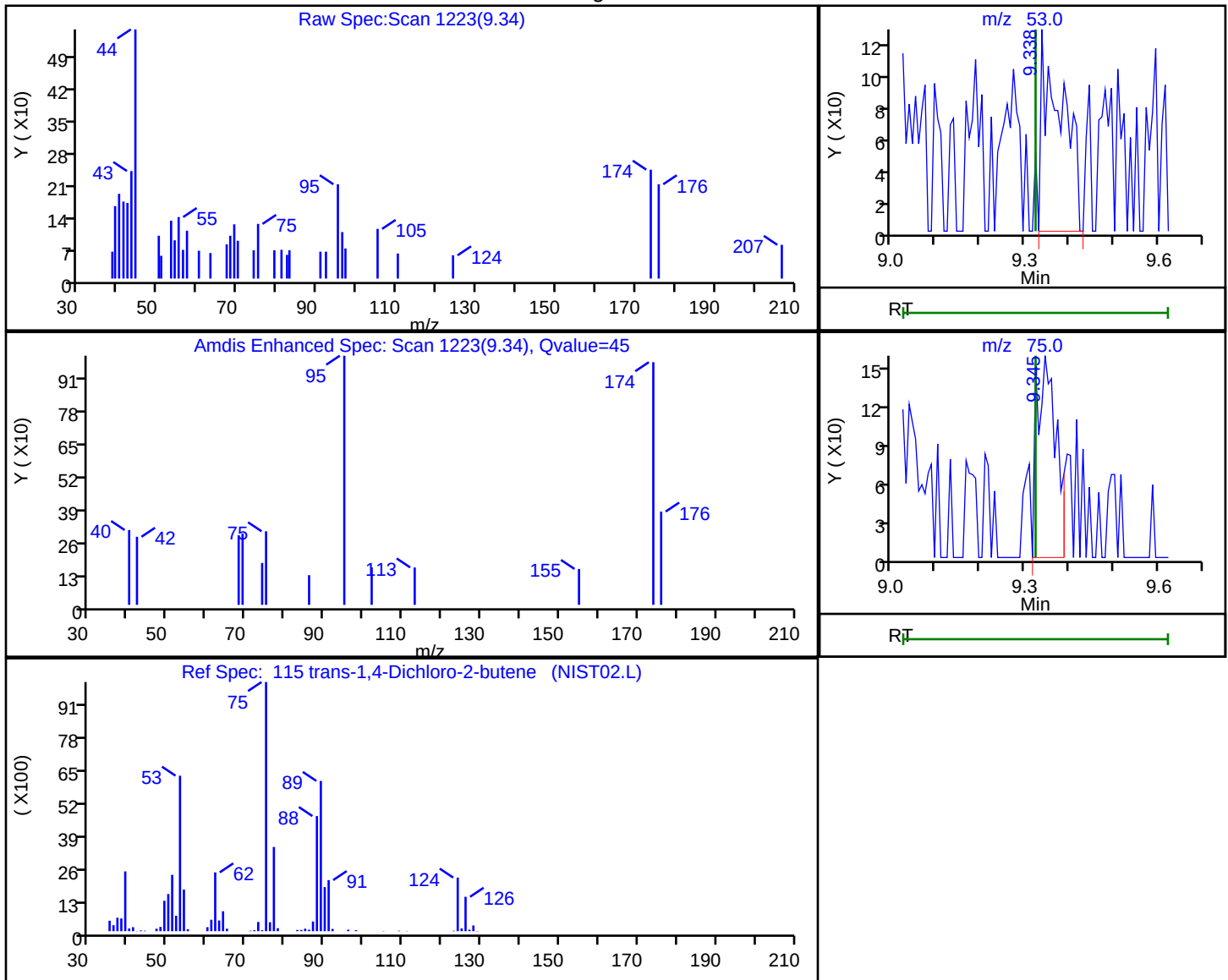
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
9.34	53.00	410	0.647201
9.35	75.00	474	

Reviewer: pakanatir, 25-Sep-2019 13:35:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

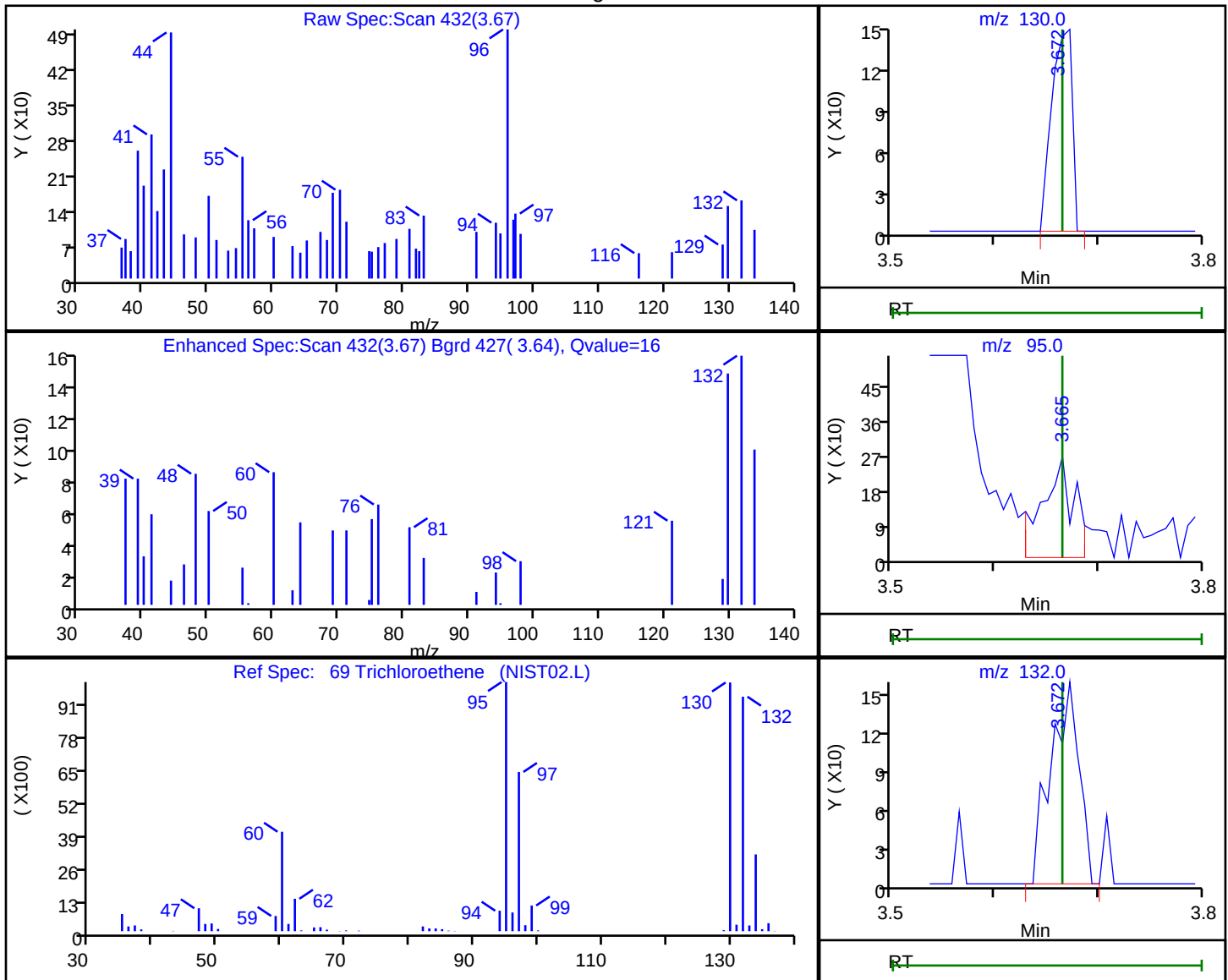
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

69 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
3.67	130.00	197	0.057991
3.66	95.00	572	
3.67	132.00	294	

Reviewer: pakanatir, 25-Sep-2019 13:34:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

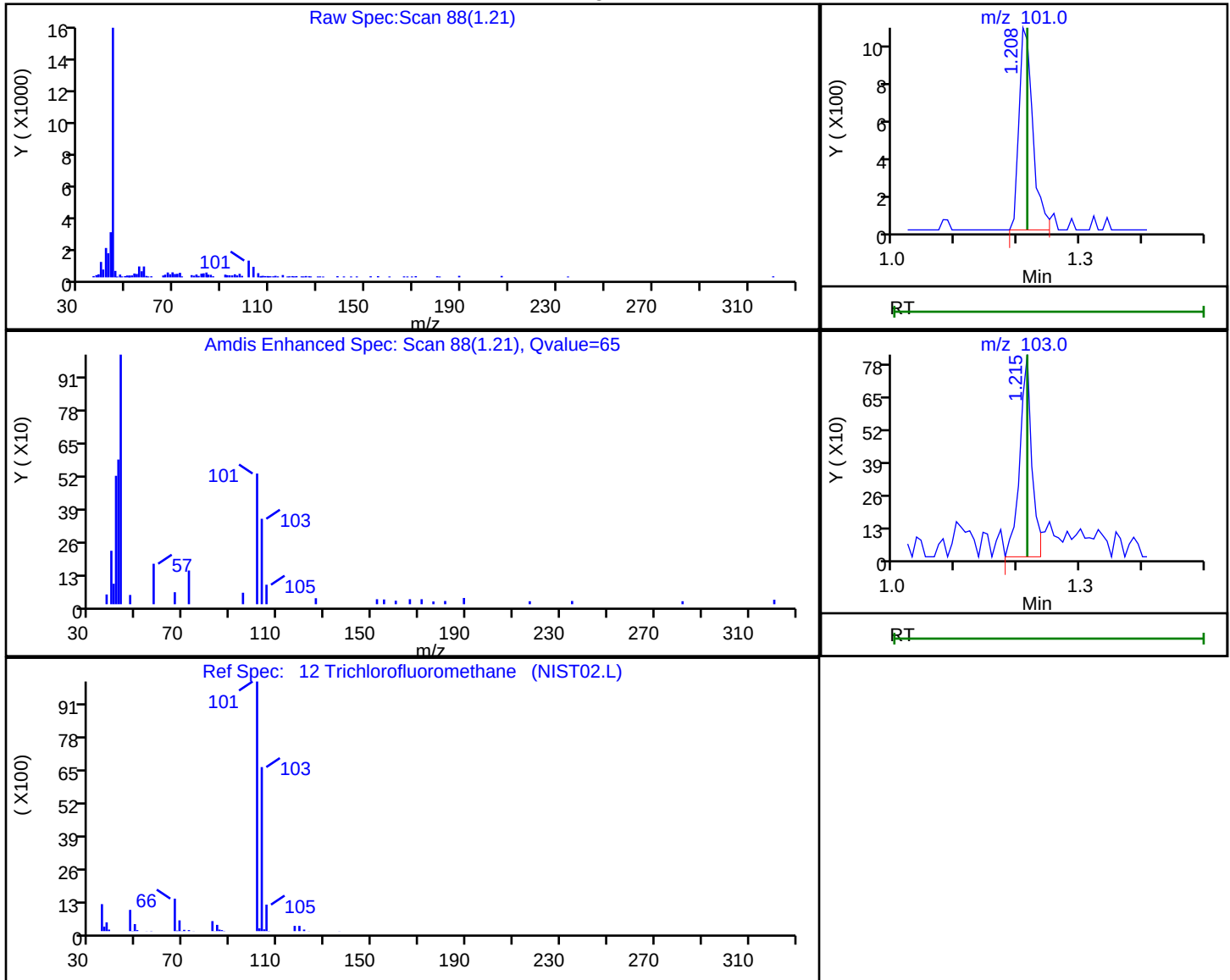
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.21	101.00	1588	0.288715
1.21	103.00	1104	

Reviewer: pakanatir, 25-Sep-2019 13:30:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

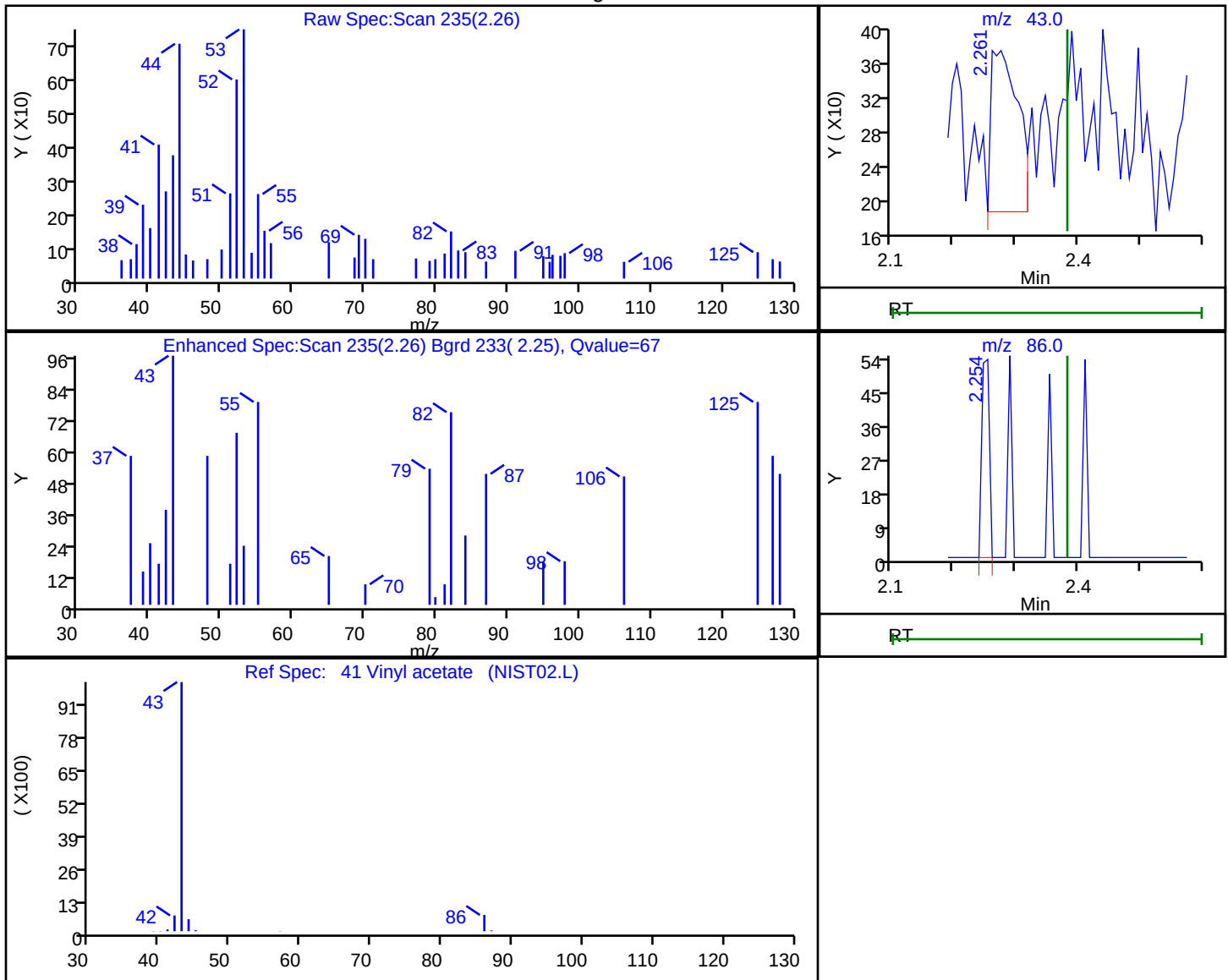
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
2.26	43.00	556	0.120645
2.25	86.00	46	

Reviewer: pakanatir, 25-Sep-2019 13:33:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66298.D

Injection Date: 25-Sep-2019 11:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

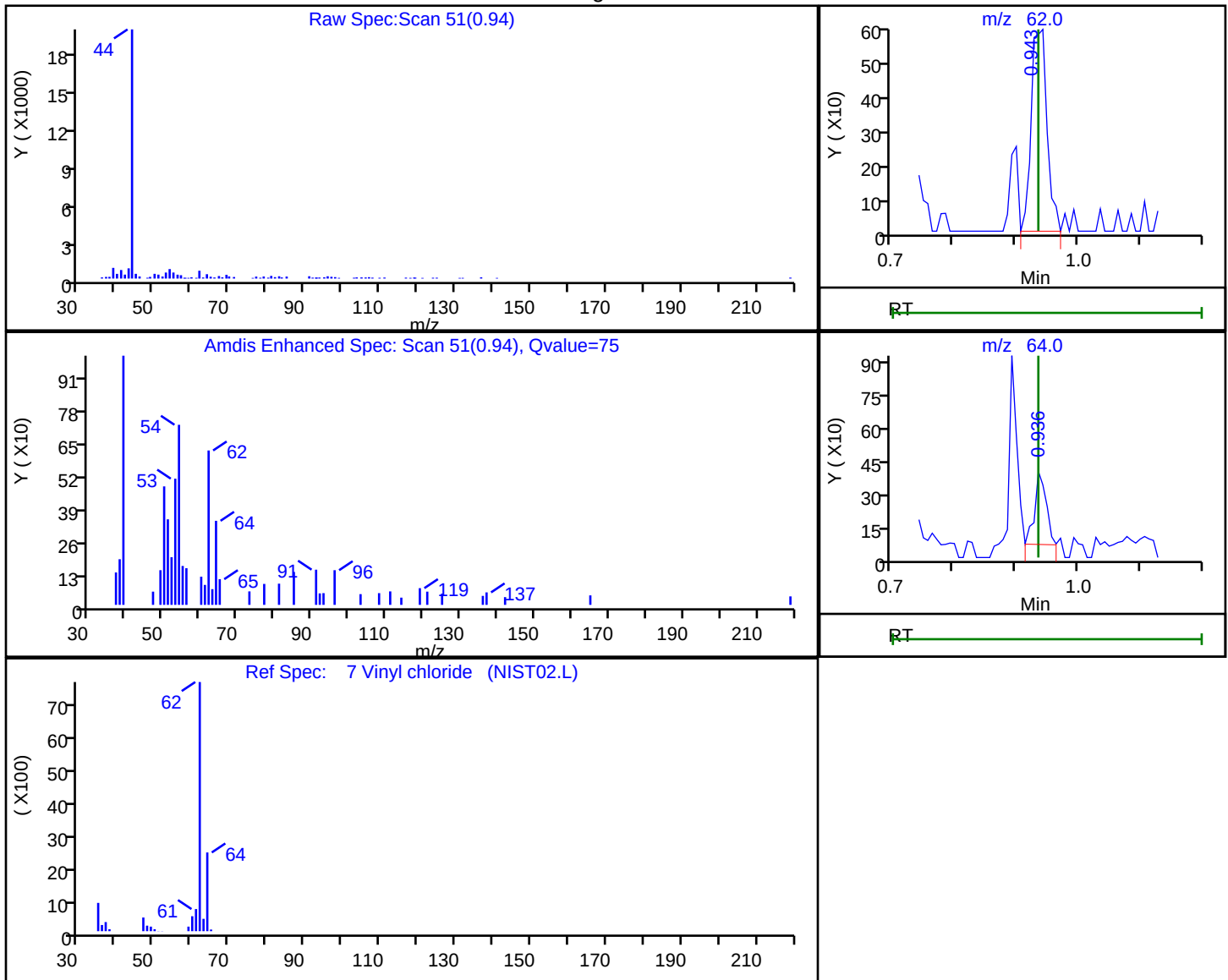
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.94	62.00	1064	0.304954
0.94	64.00	431	

Reviewer: pakanatir, 25-Sep-2019 13:30:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D
 Lims ID: STD05
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 25-Sep-2019 12:12:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD05
 Misc. Info.: 460-0098145-003
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 25-Sep-2019 17:39:25 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0320

First Level Reviewer: pakanatir

Date: 25-Sep-2019 13:29:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.778	0.778	0.000	27	197	0.5000	1.16	a
2 Chlorotrifluoroethene	116	0.792	0.792	0.000	82	664	0.5000	0.6001	
3 Dichlorodifluoromethane	85	0.807	0.807	0.000	99	2064	0.5000	0.5645	M
4 1,1-Difluoroethane	65	0.821	0.821	0.000	33	767	0.5000	0.6130	M
5 Chlorodifluoromethane	67	0.835	0.835	0.000	46	327	0.5000	0.5763	a
6 Chloromethane	50	0.907	0.907	0.000	88	1048	0.5000	0.4585	
8 Butadiene	54	0.935	0.935	0.000	94	1795	0.5000	0.7568	
7 Vinyl chloride	62	0.935	0.935	0.000	80	1714	0.5000	0.5663	
9 Bromomethane	94	1.093	1.093	0.000	93	1271	0.5000	0.4500	
10 Chloroethane	64	1.150	1.150	0.000	95	1192	0.5000	0.4928	M
11 Pentane	72	1.208	1.208	0.000	97	934	1.00	1.75	
12 Trichlorofluoromethane	101	1.215	1.215	0.000	95	2713	0.5000	0.5341	
13 Dichlorofluoromethane	67	1.243	1.243	0.000	97	2741	0.5000	0.5227	
14 2-Methyl-1,3-butadiene	67	1.351	1.351	0.000	93	1887	0.5000	0.5087	
15 Ethyl ether	59	1.365	1.365	0.000	75	1181	0.5000	0.5062	
16 Ethanol	46	1.444	1.444	0.000	46	58	20.0	4.90	
17 1,1-Dichloroethene	96	1.458	1.458	0.000	90	1903	0.5000	0.6174	
18 1,2-Dichloro-1,1,2-trifluo	67	1.458	1.458	0.000	74	2579	0.5000	0.6193	
20 1,1,2-Trichloro-1,2,2-trif	101	1.480	1.480	0.000	50	1571	0.5000	0.5508	
19 Carbon disulfide	76	1.480	1.480	0.000	97	5084	0.5000	0.5091	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.487	1.487	0.000	62	2572	0.5000	0.5678	
22 Iodomethane	142	1.537	1.537	0.000	97	2424	0.5000	0.3928	
23 Cyclopentene	67	1.616	1.616	0.000	95	3646	0.5000	0.5572	
24 Acrolein	56	1.637	1.637	0.000	51	661	2.00	2.12	
25 3-Chloro-1-propene	76	1.709	1.709	0.000	87	912	0.5000	0.4956	
26 Isopropyl alcohol	45	1.731	1.731	0.000	96	968	5.00	6.19	
27 Methylene Chloride	84	1.774	1.774	0.000	93	1963	0.5000	0.5650	
28 Acetone	43	1.802	1.802	0.000	85	4009	2.50	6.86	M
29 trans-1,2-Dichloroethene	96	1.860	1.860	0.000	89	1642	0.5000	0.4831	
30 Methyl acetate	43	1.867	1.867	0.000	75	1246	1.00	0.8775	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.902	1.902	0.000	52	287	0.5000	0.5722	
32 Methyl tert-butyl ether	73	1.924	1.924	0.000	96	4224	0.5000	0.4774	
* 33 TBA-d9 (IS)	65	1.945	1.945	0.000	0	230255	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.988	1.988	0.000	91	1713	5.00	5.30	
35 Acetonitrile	41	2.067	2.067	0.000	93	1091	5.00	5.18	a
36 Isopropyl ether	45	2.153	2.153	0.000	96	3495	0.5000	0.4703	
37 2-Chloro-1,3-butadiene	88	2.203	2.203	0.000	88	1162	0.5000	0.4648	
38 1,1-Dichloroethane	63	2.218	2.218	0.000	88	2162	0.5000	0.4716	
39 Acrylonitrile	53	2.253	2.253	0.000	92	3304	5.00	4.68	
40 Tert-butyl ethyl ether	59	2.382	2.382	0.000	88	3737	0.5000	0.4777	
41 Vinyl acetate	43	2.390	2.390	0.000	98	4248	1.00	0.8780	
42 cis-1,2-Dichloroethene	96	2.569	2.569	0.000	93	1498	0.5000	0.4851	
43 2,2-Dichloropropane	77	2.626	2.626	0.000	92	1944	0.5000	0.5144	
44 Cyclohexane	56	2.698	2.698	0.000	83	1730	0.5000	0.5682	
45 Chlorobromomethane	128	2.705	2.705	0.000	80	870	0.5000	0.4938	
46 Chloroform	83	2.762	2.762	0.000	98	2443	0.5000	0.5037	
47 Carbon tetrachloride	117	2.848	2.848	0.000	95	1872	0.5000	0.4780	
48 Ethyl acetate	70	2.862	2.862	0.000	35	208	1.00	0.8379	
49 Methyl acrylate	55	2.869	2.869	0.000	47	997	0.5000	0.5371	
50 Tetrahydrofuran	42	2.877	2.877	0.000	46	972	1.00	1.21	
52 1,1,1-Trichloroethane	97	2.891	2.891	0.000	35	2398	0.5000	0.5401	a
\$ 51 Dibromofluoromethane (Surr	113	2.884	2.884	0.000	97	145776	50.0	49.0	
* 53 2-Butanone-d5	46	2.948	2.948	0.000	0	192376	250.0	250.0	
54 2-Butanone (MEK)	72	2.984	2.984	0.000	95	713	2.50	2.57	
55 1,1-Dichloropropene	75	2.984	2.984	0.000	88	2080	0.5000	0.5579	a
56 Isooctane	57	3.077	3.077	0.000	97	2265	0.5000	0.6310	
57 n-Heptane	57	3.170	3.170	0.000	45	336	0.5000	0.4410	Ma
58 Benzene	78	3.178	3.178	0.000	96	4998	0.5000	0.4611	
59 Propionitrile	54	3.199	3.199	0.000	80	1160	5.00	4.24	
60 Methacrylonitrile	67	3.213	3.213	0.000	92	3693	5.00	4.12	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.278	3.278	0.000	0	140651	50.0	48.0	
62 Tert-amyl methyl ether	73	3.292	3.292	0.000	37	3432	0.5000	0.4585	
63 1,2-Dichloroethane	62	3.335	3.335	0.000	87	2134	0.5000	0.5879	
64 Isobutyl alcohol	43	3.421	3.421	0.000	93	939	12.5	12.2	
65 t-Amyl alcohol	59	3.478	3.478	0.000	28	600	5.00	3.87	Ma
* 66 Fluorobenzene	96	3.521	3.521	0.000	99	583036	50.0	50.0	
67 Isopropyl acetate	43	3.593	3.593	0.000	93	1836	0.5000	0.4571	
68 Methylcyclohexane	83	3.643	3.643	0.000	55	1580	0.5000	0.5529	
69 Trichloroethene	130	3.665	3.665	0.000	95	1632	0.5000	0.4705	
70 2-ethoxy-2-methyl butane	59	3.915	3.915	0.000	94	2831	0.5000	0.4632	
71 Dibromomethane	93	4.030	4.030	0.000	89	771	0.5000	0.4468	
72 n-Butanol	56	4.059	4.059	0.000	32	411	12.5	8.84	
73 1,2-Dichloropropane	63	4.123	4.123	0.000	91	1362	0.5000	0.5281	
75 Dichlorobromomethane	83	4.195	4.195	0.000	93	1813	0.5000	0.4946	
74 Ethyl acrylate	55	4.216	4.216	0.000	58	975	0.5000	0.3565	
* 76 1,4-Dioxane-d8	96	4.388	4.388	0.000	0	23925	1000.0	1000.0	
77 Methyl methacrylate	100	4.395	4.395	0.000	40	638	1.00	0.8797	
78 1,4-Dioxane	88	4.417	4.417	0.000	31	639	25.0	22.9	
79 n-Propyl acetate	43	4.560	4.560	0.000	62	1269	0.5000	0.4838	
80 2-Chloroethyl vinyl ether	63	4.839	4.839	0.000	43	714	0.5012	0.4818	
81 cis-1,3-Dichloropropene	75	4.854	4.854	0.000	93	1867	0.5000	0.4442	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.040	0.000	99	568714	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
83 Toluene	91	5.097	5.097	0.000	92	6676	0.5000	0.5274	
84 Epichlorohydrin	57	5.126	5.126	0.000	96	1307	10.0	7.54	
85 2-Nitropropane	41	5.348	5.348	0.000	57	783	1.00	1.28	
86 Tetrachloroethene	166	5.527	5.527	0.000	93	1535	0.5000	0.4612	
87 4-Methyl-2-pentanone (MIBK)	43	5.563	5.563	0.000	95	4111	2.50	2.23	
88 trans-1,3-Dichloropropene	75	5.606	5.606	0.000	85	1511	0.5000	0.4052	
89 1,1,2-Trichloroethane	83	5.763	5.763	0.000	91	775	0.5000	0.4162	
90 Ethyl methacrylate	69	5.849	5.849	0.000	87	1841	0.5000	0.5964	
91 Chlorodibromomethane	129	5.964	5.964	0.000	95	1234	0.5000	0.4091	
92 1,3-Dichloropropane	76	6.079	6.079	0.000	89	1570	0.5000	0.4213	
93 Ethylene Dibromide	107	6.229	6.229	0.000	97	865	0.5000	0.3589	
94 n-Butyl acetate	43	6.573	6.573	0.000	76	1524	0.5000	0.5101	
95 2-Hexanone	43	6.623	6.623	0.000	96	3127	2.50	2.48	
* 96 Chlorobenzene-d5	117	6.895	6.895	0.000	83	472286	50.0	50.0	
97 Chlorobenzene	112	6.909	6.909	0.000	37	4188	0.5000	0.4831	
98 Ethylbenzene	106	7.003	7.003	0.000	97	2259	0.5000	0.4914	
99 1,1,1,2-Tetrachloroethane	131	7.024	7.024	0.000	88	1229	0.5000	0.3904	
100 m-Xylene & p-Xylene	106	7.225	7.225	0.000	0	2840	0.5000	0.5069	
101 o-Xylene	106	7.805	7.805	0.000	94	2666	0.5000	0.4993	
102 Bromoform	173	7.869	7.869	0.000	90	749	0.5000	0.4289	
103 Styrene	104	7.898	7.898	0.000	93	3975	0.5000	0.4493	
104 n-Butyl acrylate	73	8.227	8.227	0.000	68	692	0.5000	0.3977	
105 Isopropylbenzene	105	8.285	8.285	0.000	96	6084	0.5000	0.4864	
106 Amyl acetate (mixed isomer)	43	8.650	8.650	0.000	36	2072	0.5000	0.5625	a
\$ 107 4-Bromofluorobenzene	174	8.657	8.657	0.000	97	197840	50.0	48.9	
108 Bromobenzene	156	8.772	8.772	0.000	87	1737	0.5000	0.4384	
109 N-Propylbenzene	91	8.922	8.922	0.000	99	6221	0.5000	0.4794	
110 1,1,2,2-Tetrachloroethane	83	9.073	9.073	0.000	89	1443	0.5000	0.5266	
111 2-Chlorotoluene	91	9.094	9.094	0.000	95	5101	0.5000	0.5088	
112 4-Ethyltoluene	105	9.116	9.116	0.000	98	5978	0.5000	0.4969	
113 1,2,3-Trichloropropane	110	9.202	9.202	0.000	90	472	0.5000	0.5164	
114 1,3,5-Trimethylbenzene	105	9.273	9.273	0.000	94	5044	0.5000	0.5024	
115 trans-1,4-Dichloro-2-buten	53	9.345	9.345	0.000	5	272	0.5000	0.3992	a
116 4-Chlorotoluene	91	9.374	9.374	0.000	96	4017	0.5000	0.4452	
117 tert-Butylbenzene	119	9.725	9.725	0.000	94	4106	0.5000	0.5053	
118 1,2,4-Trimethylbenzene	105	9.868	9.868	0.000	95	5287	0.5000	0.4904	
119 Butyl Methacrylate	87	9.868	9.868	0.000	50	1618	0.5000	0.4395	
120 sec-Butylbenzene	105	10.018	10.018	0.000	97	5268	0.5000	0.5055	
121 1,3-Dichlorobenzene	146	10.290	10.290	0.000	72	3048	0.5000	0.4457	
122 4-Isopropyltoluene	119	10.290	10.290	0.000	98	5178	0.5000	0.5232	
* 123 1,4-Dichlorobenzene-d4	152	10.412	10.412	0.000	94	268847	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.434	10.434	0.000	85	4356	0.5000	0.5768	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	99	5905	0.5000	0.5261	
126 2,3-Dihydroindene	117	10.713	10.713	0.000	93	5618	0.5000	0.4756	
127 Benzyl chloride	126	10.906	10.906	0.000	90	588	0.5000	0.4807	
128 p-Diethylbenzene	119	10.921	10.921	0.000	86	2621	0.5000	0.5066	
129 n-Butylbenzene	91	11.000	11.000	0.000	97	4062	0.5000	0.5409	
130 1,2-Dichlorobenzene	146	11.114	11.114	0.000	97	3142	0.5000	0.4594	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	96	4610	0.5000	0.4959	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	18	217	0.5000	0.5203	Ma
133 1,3,5-Trichlorobenzene	180	12.260	12.260	0.000	94	2053	0.5000	0.4943	
134 1,2,4-Trichlorobenzene	180	12.941	12.941	0.000	94	1710	0.5000	0.4338	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.955	12.955	0.000	85	763	0.5000	0.5520	
136 Naphthalene	128	13.242	13.242	0.000	98	4779	0.5000	0.5242	
137 1,2,3-Trichlorobenzene	180	13.413	13.413	0.000	93	1890	0.5000	0.5227	
S 138 1,2-Dichloroethene, Total	100				0		1.00	0.9682	
S 139 1,3-Dichloropropene, Total	100				0		1.00	0.8493	
S 140 Xylenes, Total	100				0		1.00	1.01	
S 142 Total BTEX	1				0		2.50	2.49	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00333	Amount Added: 5.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 5.00	Units: uL	
ACROLEIN W_00095	Amount Added: 2.00	Units: uL	
524freon_00012	Amount Added: 5.00	Units: uL	
14DIOXINTER_00104	Amount Added: 15.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD05

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

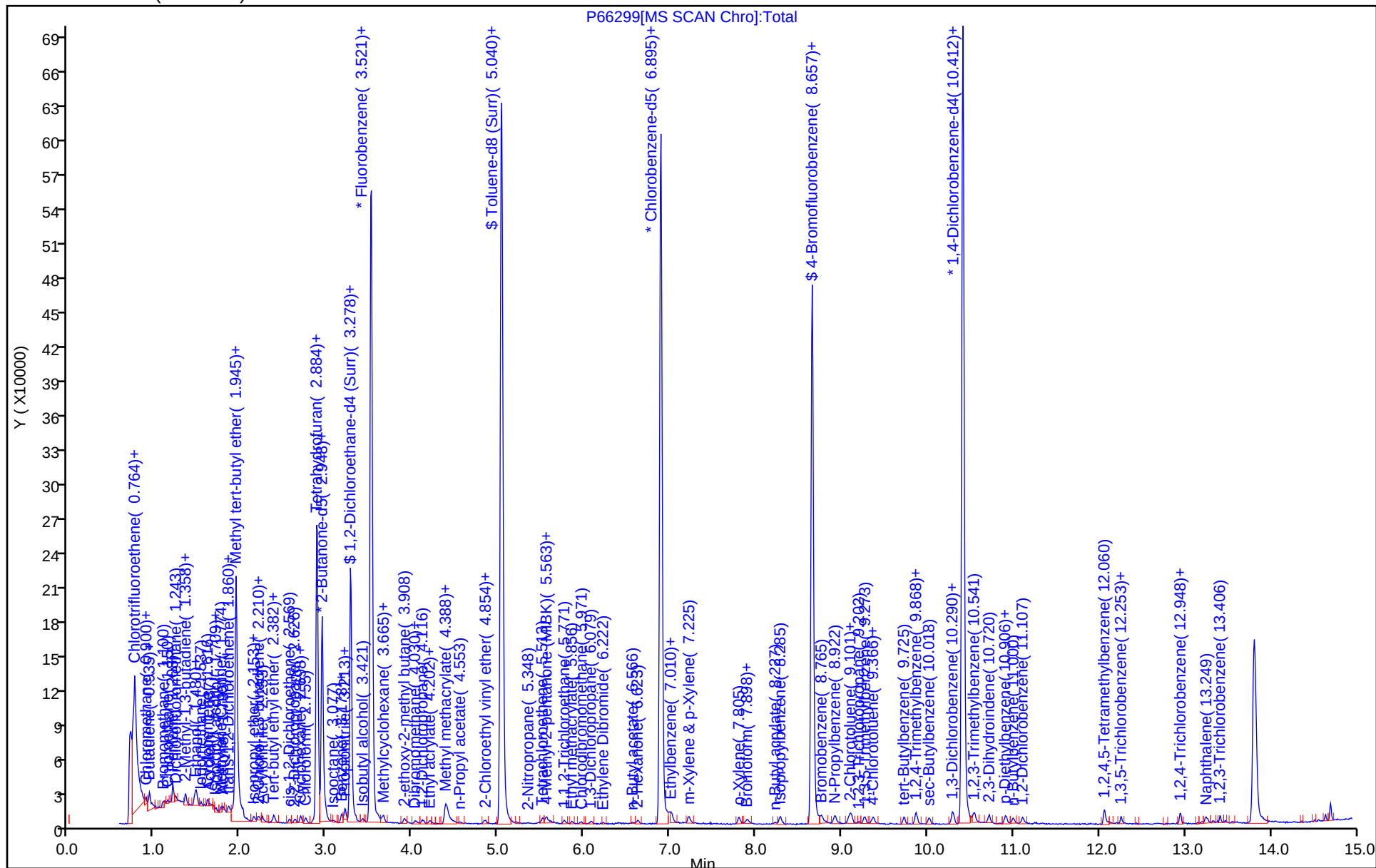
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

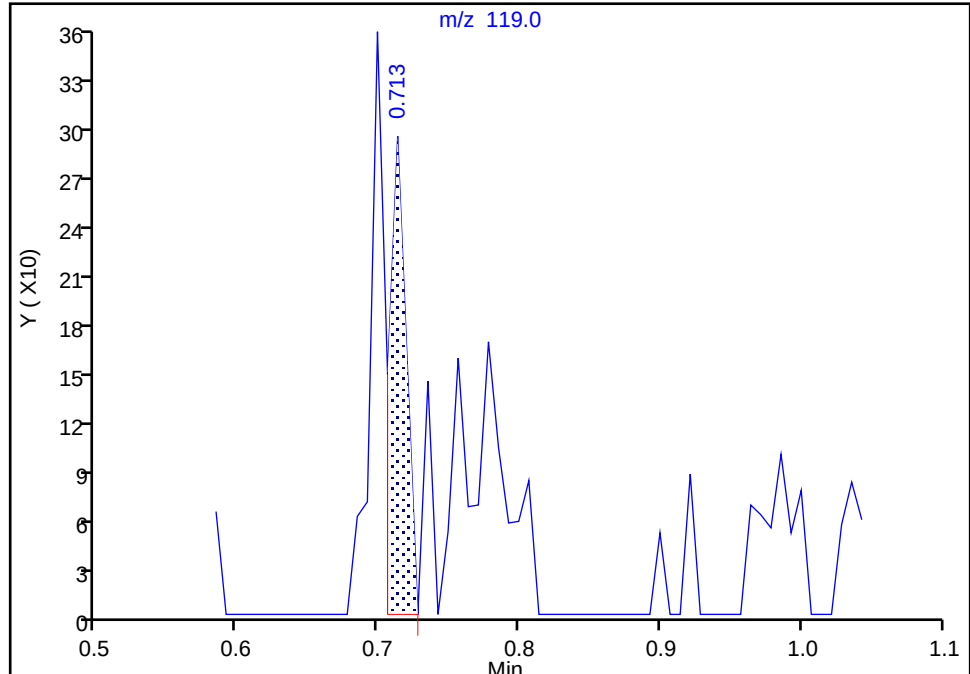
MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

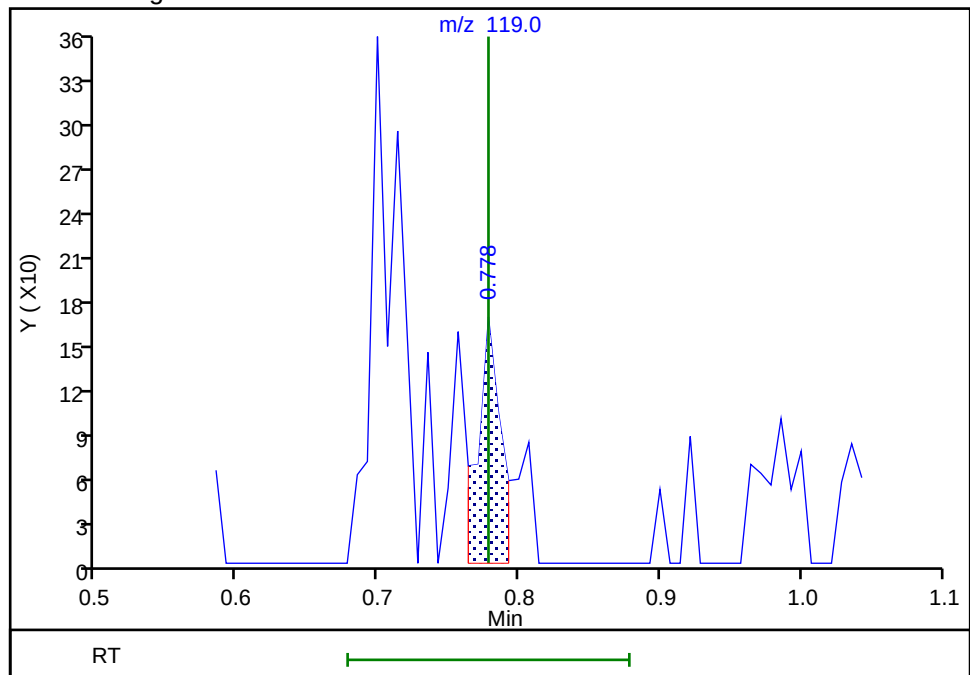
RT: 0.71
Area: 252
Amount: 2.189521
Amount Units: ug/l

Processing Integration Results



RT: 0.78
Area: 197
Amount: 1.157674
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:24:58

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

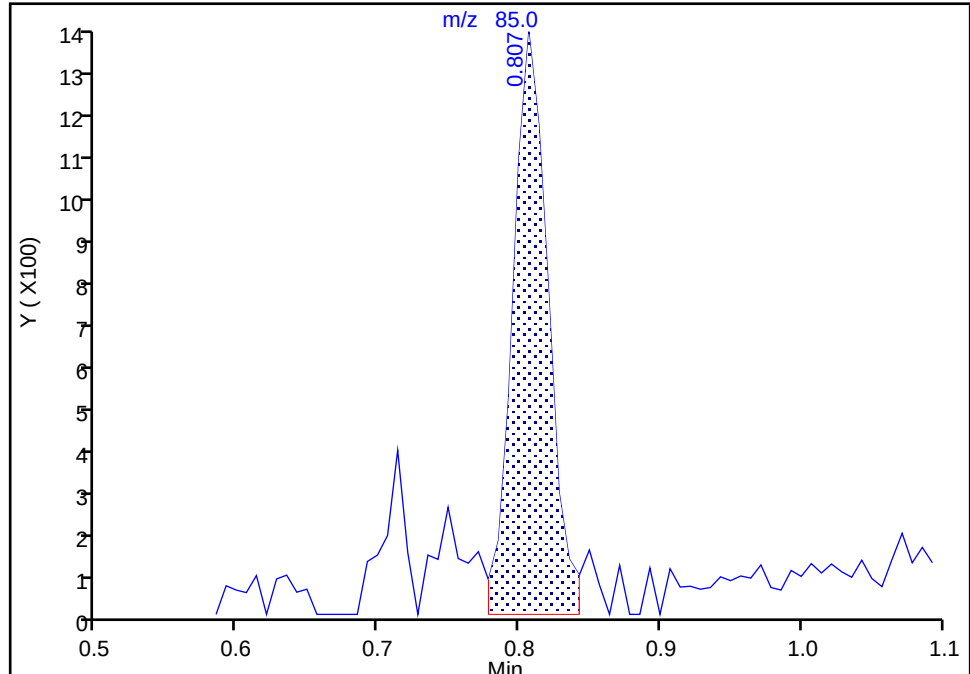
MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

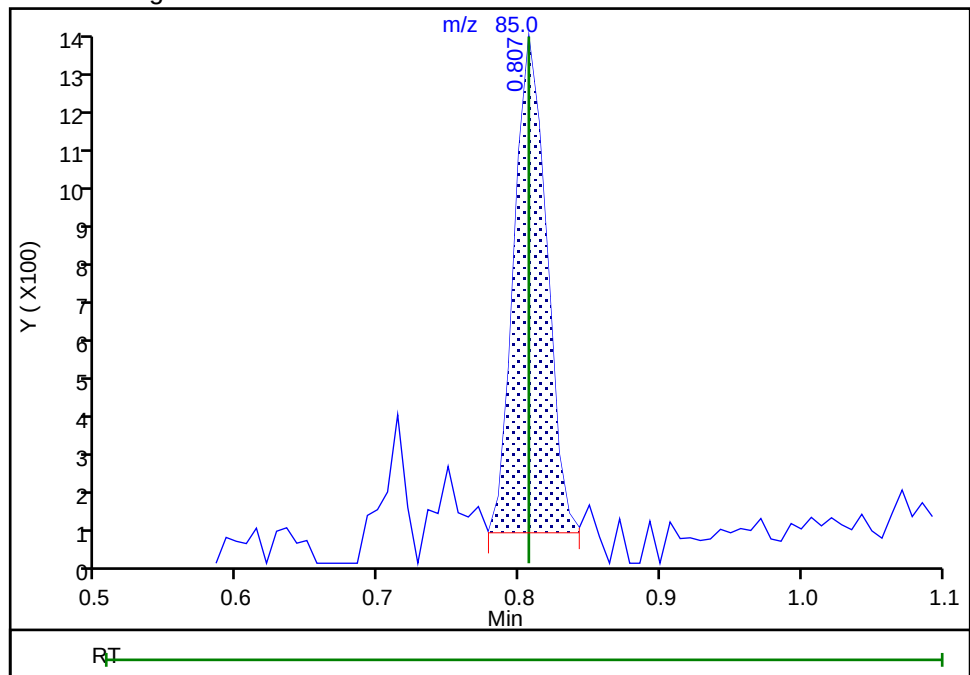
RT: 0.81
Area: 2404
Amount: 0.821364
Amount Units: ug/l

Processing Integration Results



RT: 0.81
Area: 2064
Amount: 0.564530
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 16:20:05

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

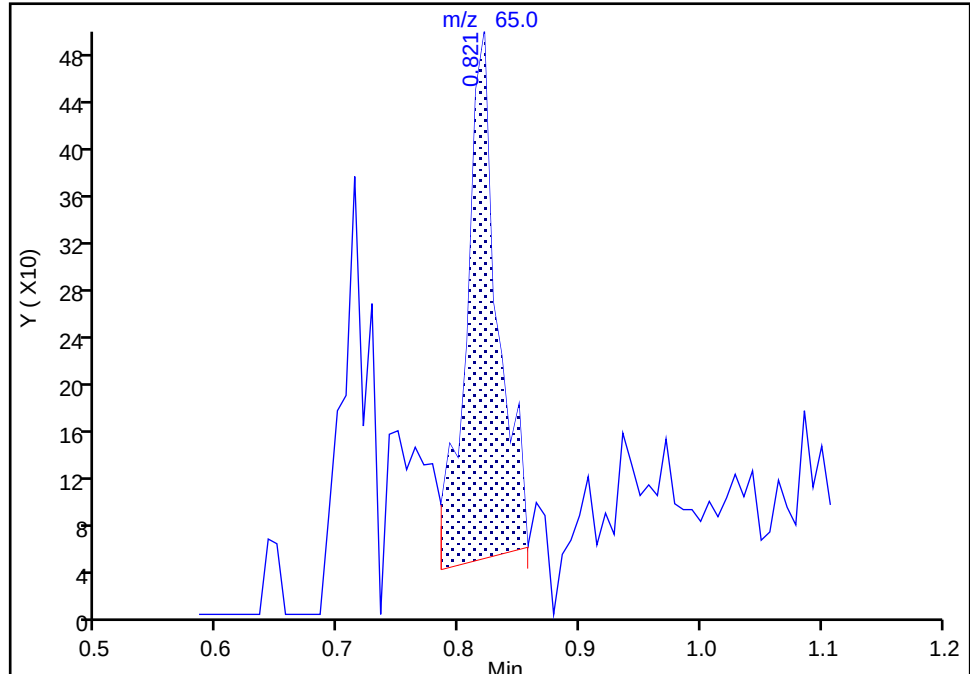
Detector: MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

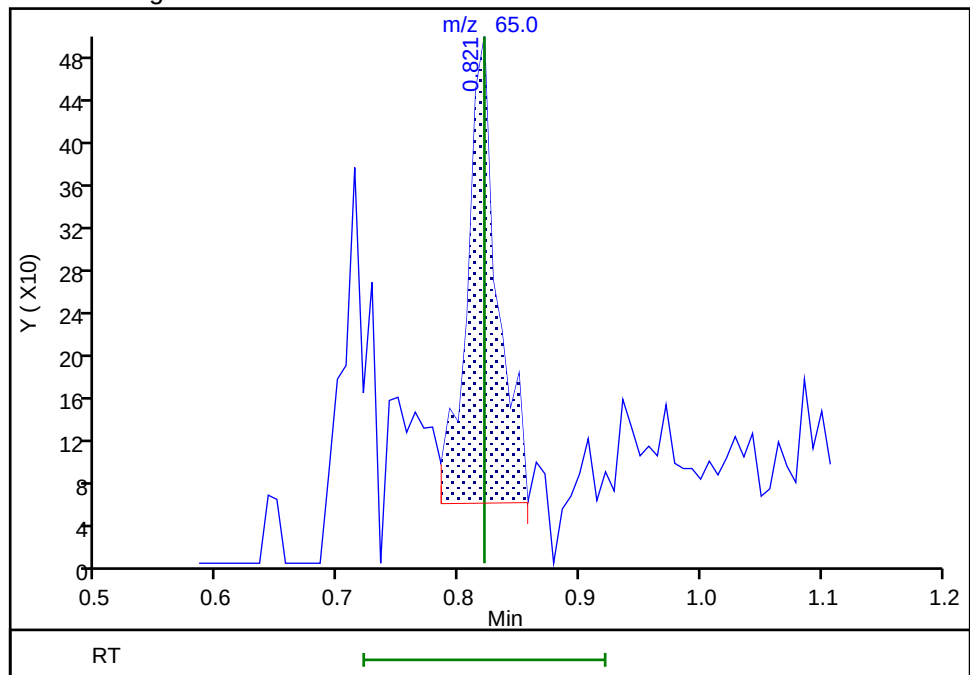
RT: 0.82
Area: 810
Amount: 0.641096
Amount Units: ug/l

Processing Integration Results



RT: 0.82
Area: 767
Amount: 0.613024
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 16:21:44

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

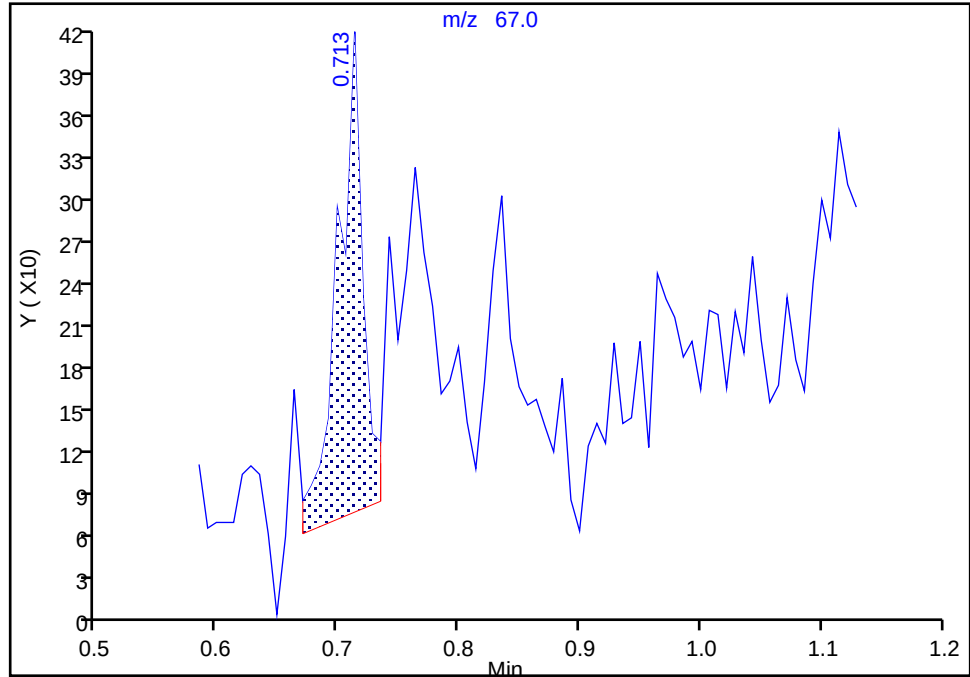
Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

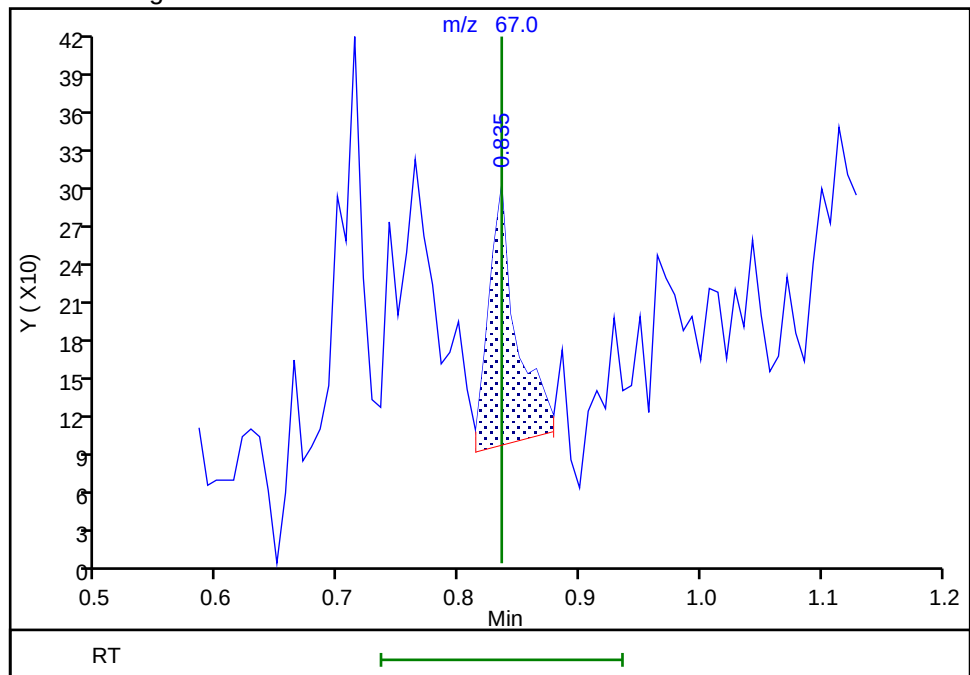
RT: 0.71
Area: 496
Amount: 0.757422
Amount Units: ug/l

Processing Integration Results



RT: 0.84
Area: 327
Amount: 0.576336
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:25:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

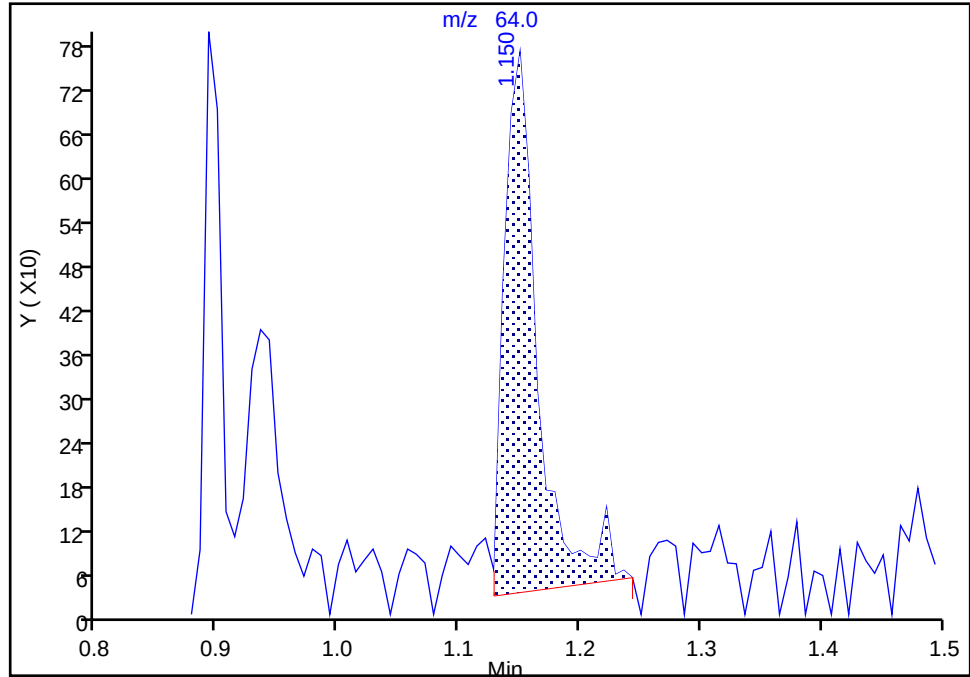
Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

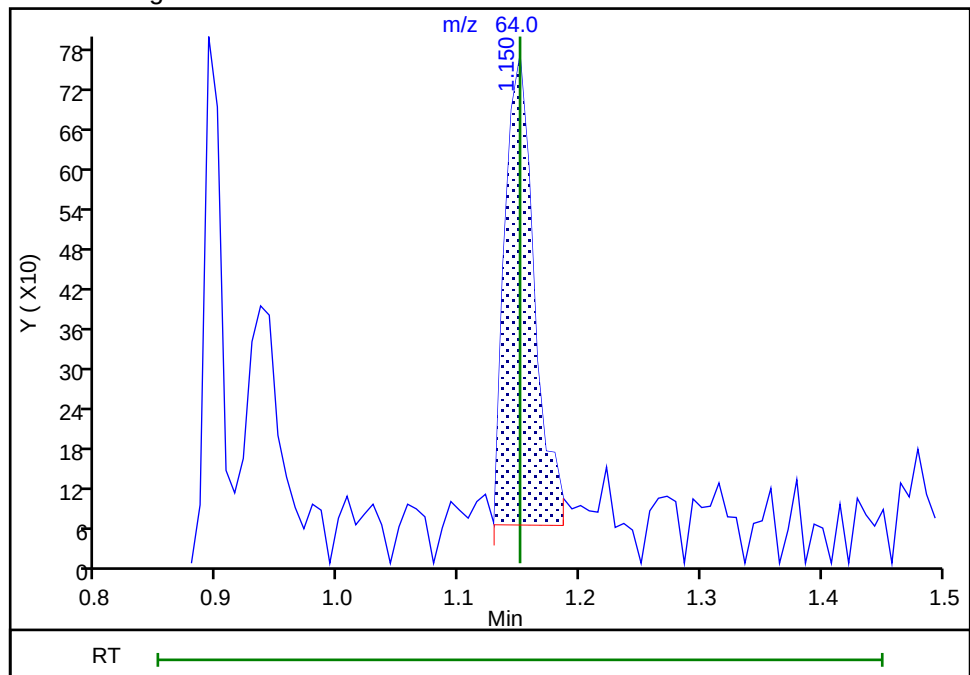
RT: 1.15
Area: 1413
Amount: 0.539479
Amount Units: ug/l

Processing Integration Results



RT: 1.15
Area: 1192
Amount: 0.492800
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:25:33

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

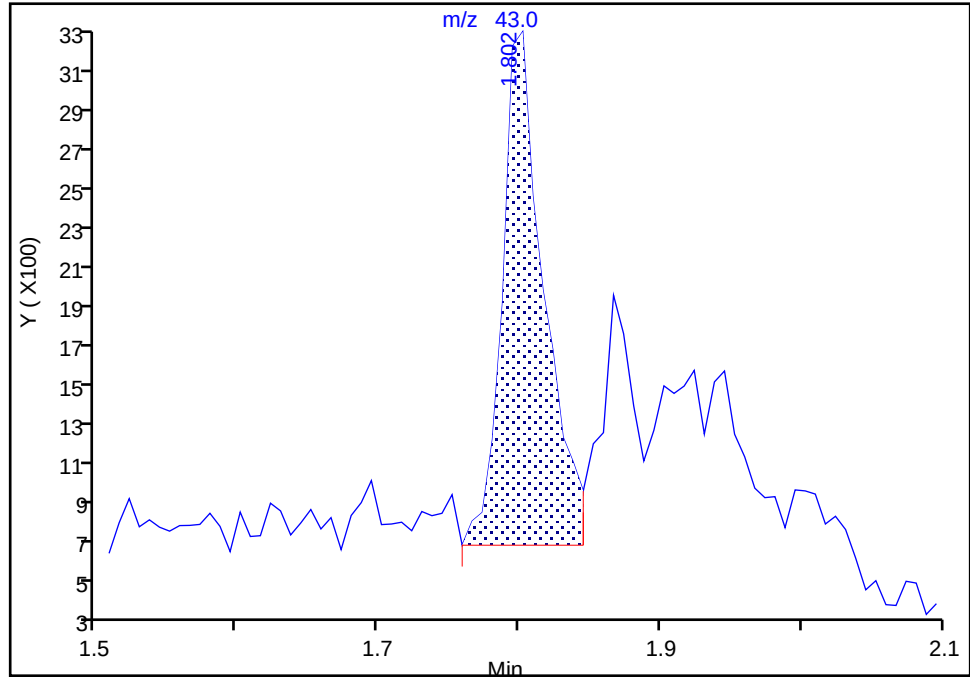
Detector: MS SCAN

28 Acetone, CAS: 67-64-1

Signal: 1

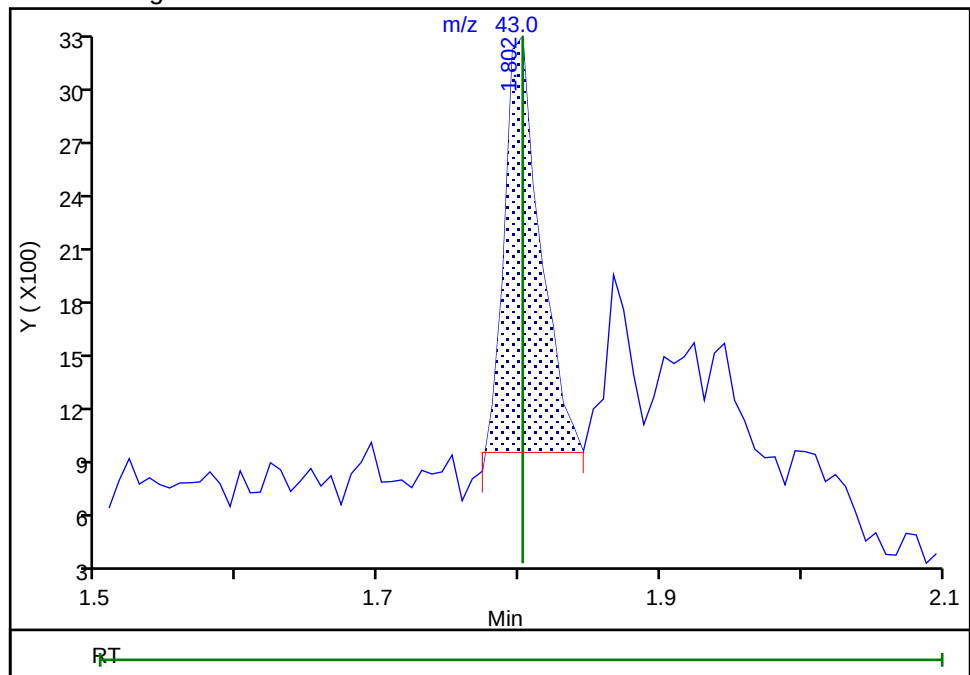
RT: 1.80
Area: 5338
Amount: 9.139920
Amount Units: ug/l

Processing Integration Results



RT: 1.80
Area: 4009
Amount: 6.864693
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 16:36:17

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

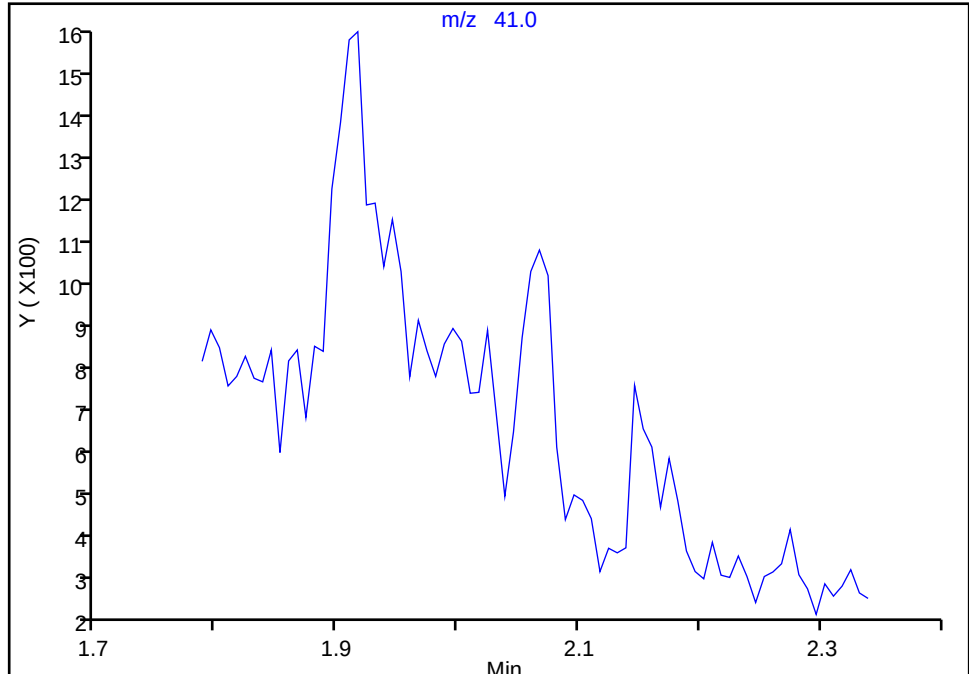
35 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

Expected RT: 2.07

Processing Integration Results



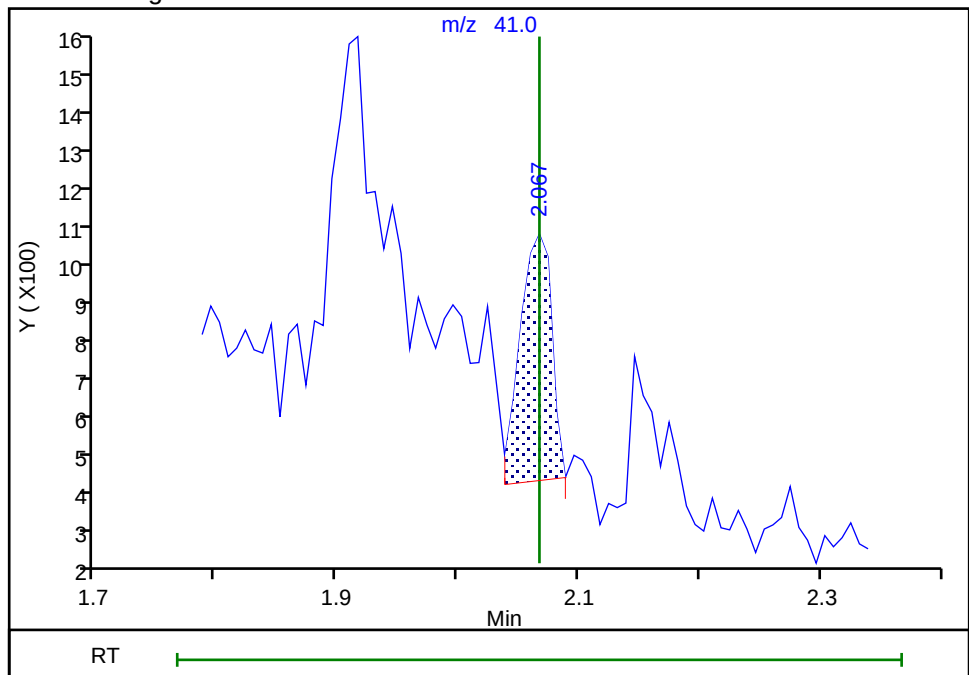
RT: 2.07

Area: 1091

Amount: 5.179057

Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:26:11

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

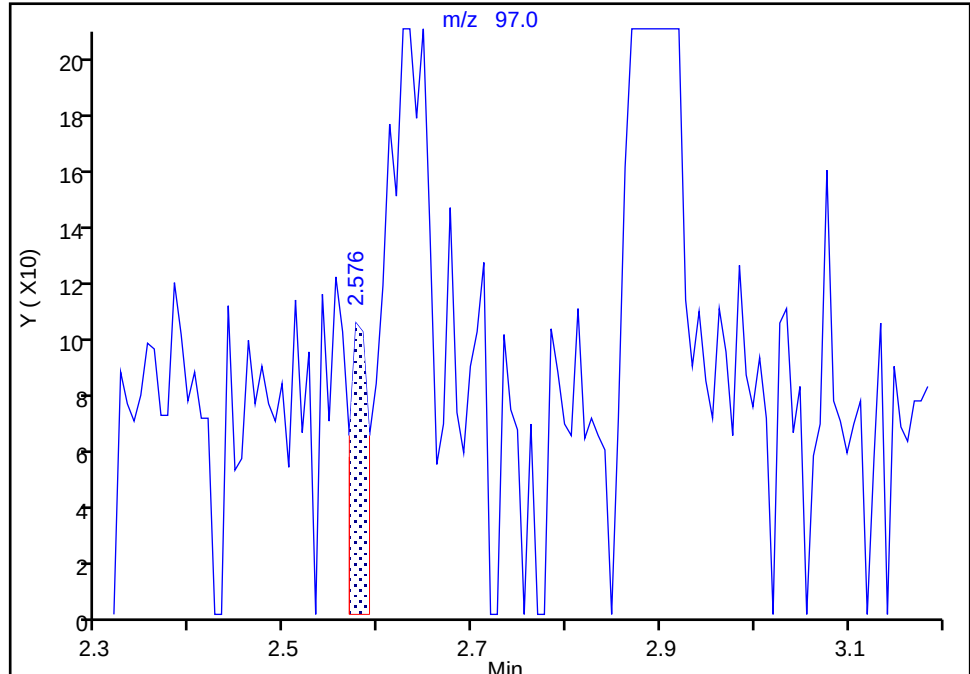
MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

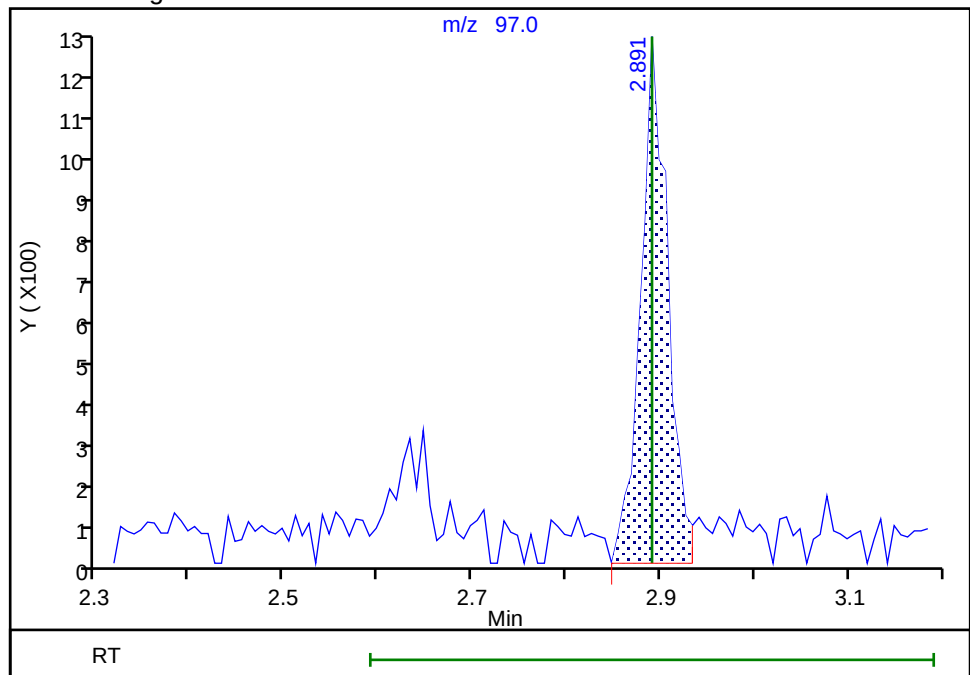
RT: 2.58
Area: 139
Amount: 0.031618
Amount Units: ug/l

Processing Integration Results



RT: 2.89
Area: 2398
Amount: 0.540141
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:26:37

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

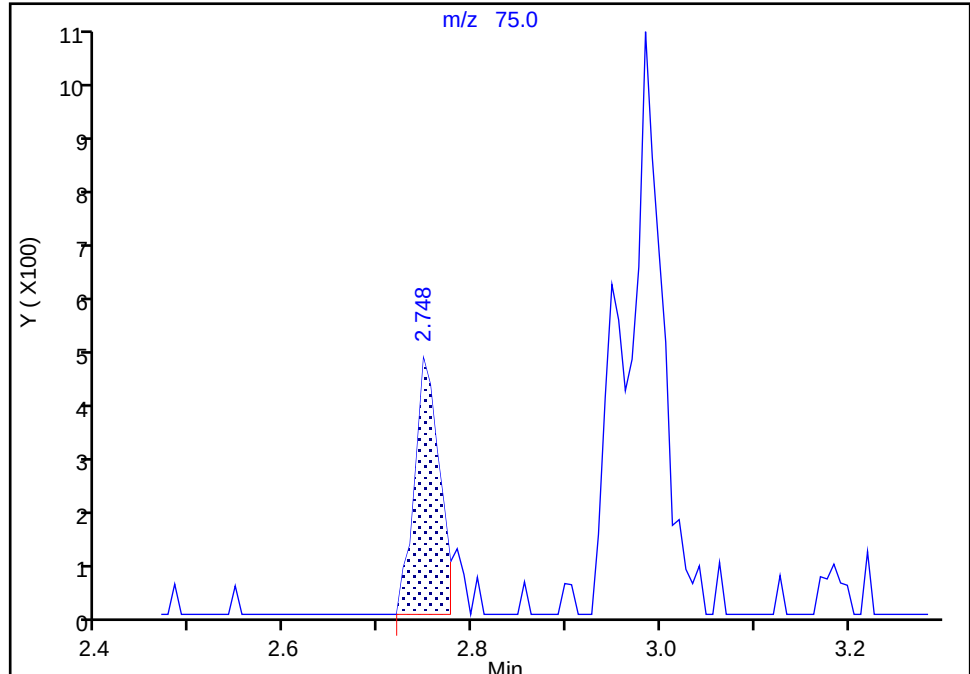
Detector: MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

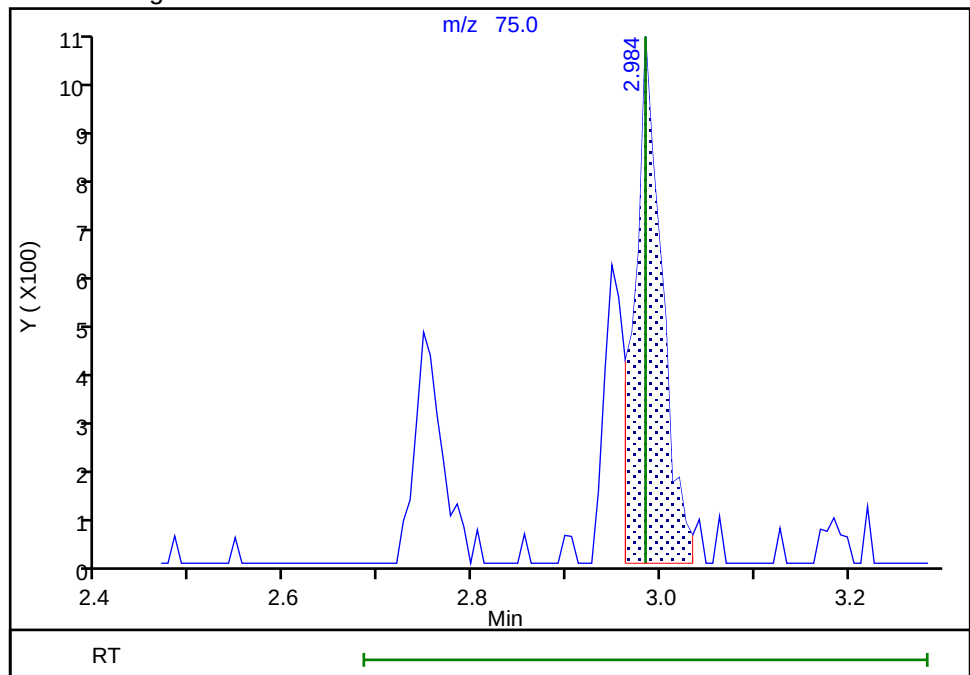
RT: 2.75
Area: 822
Amount: 0.226987
Amount Units: ug/l

Processing Integration Results



RT: 2.98
Area: 2080
Amount: 0.557857
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:26:58

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

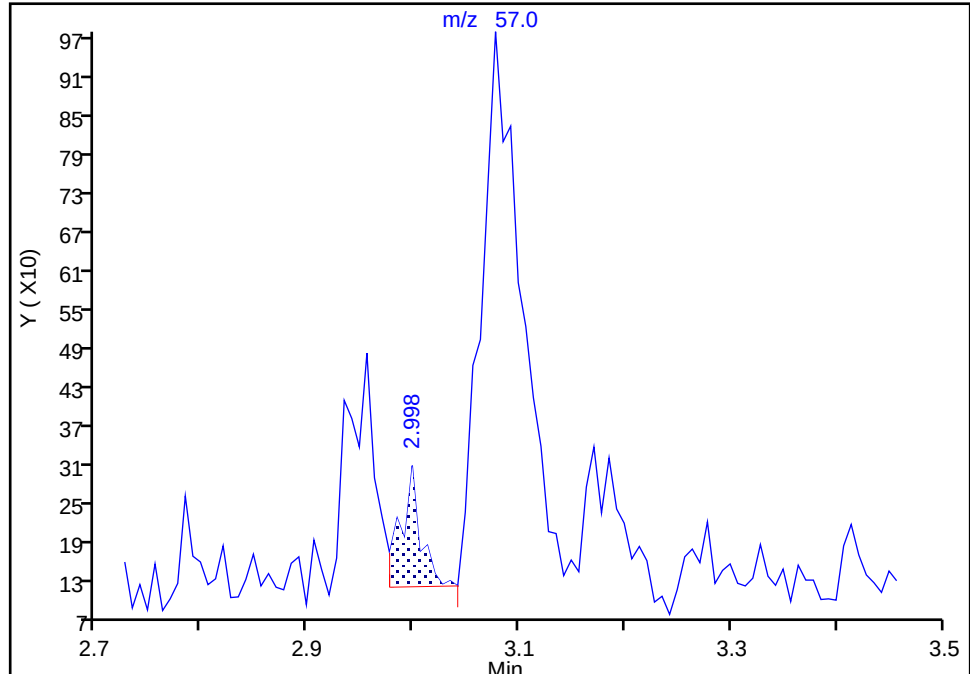
MS SCAN

57 n-Heptane, CAS: 142-82-5

Signal: 1

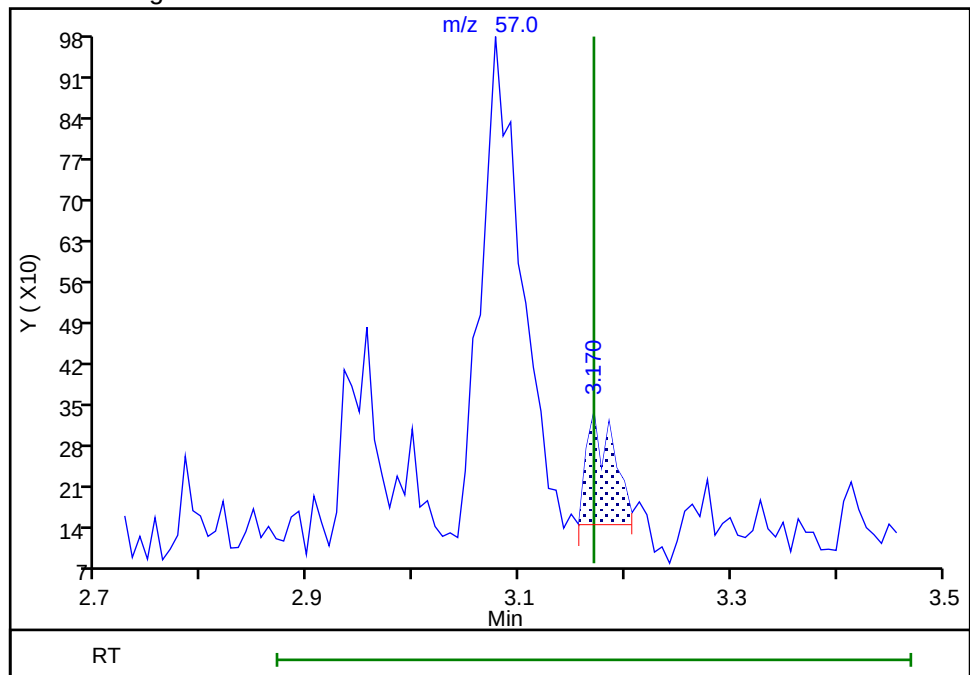
RT: 3.00
Area: 245
Amount: 0.362227
Amount Units: ug/l

Processing Integration Results



RT: 3.17
Area: 336
Amount: 0.441024
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:27:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

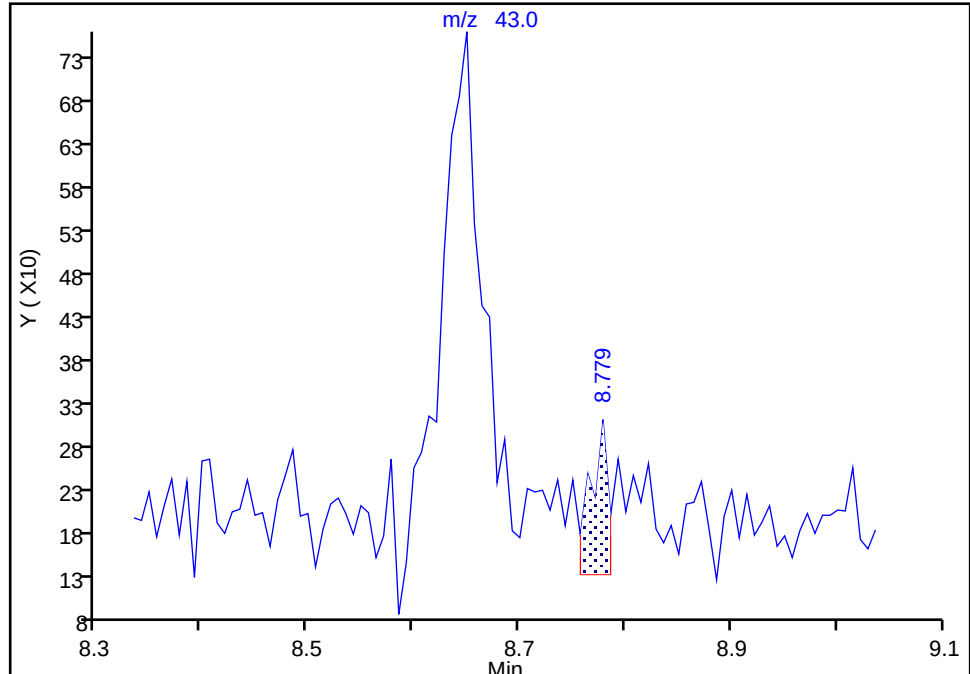
MS SCAN

106 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

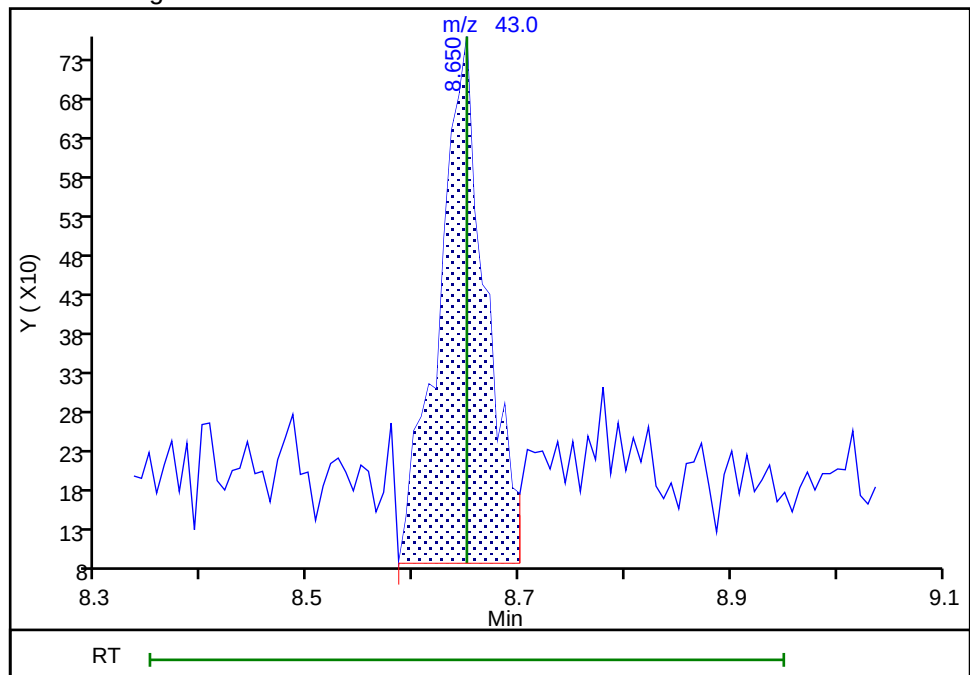
RT: 8.78
Area: 214
Amount: 0.060233
Amount Units: ug/l

Processing Integration Results



RT: 8.65
Area: 2072
Amount: 0.562454
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:28:46

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

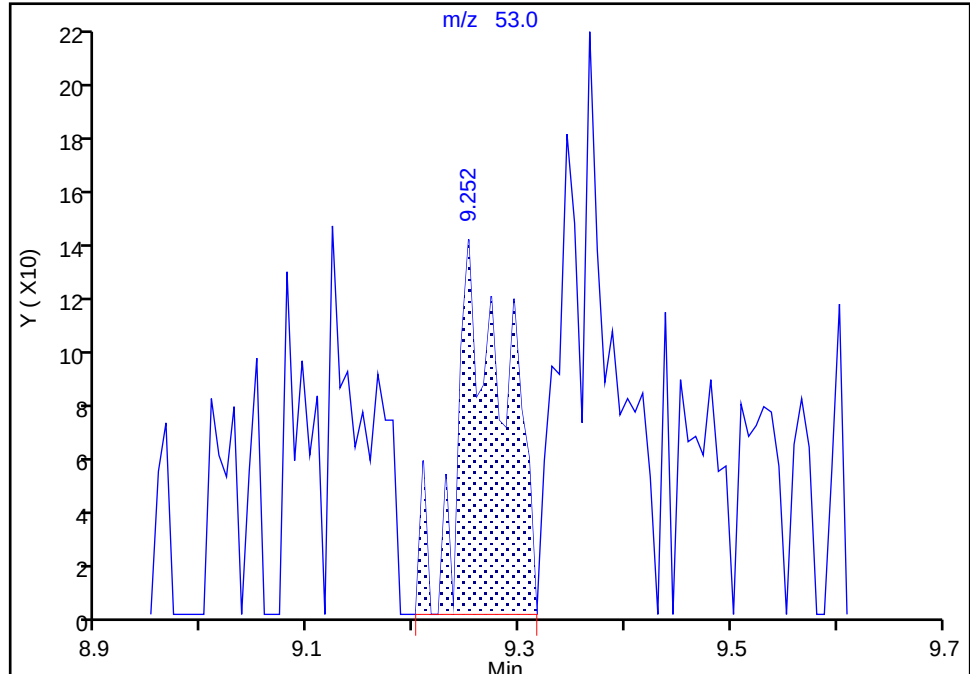
MS SCAN

115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

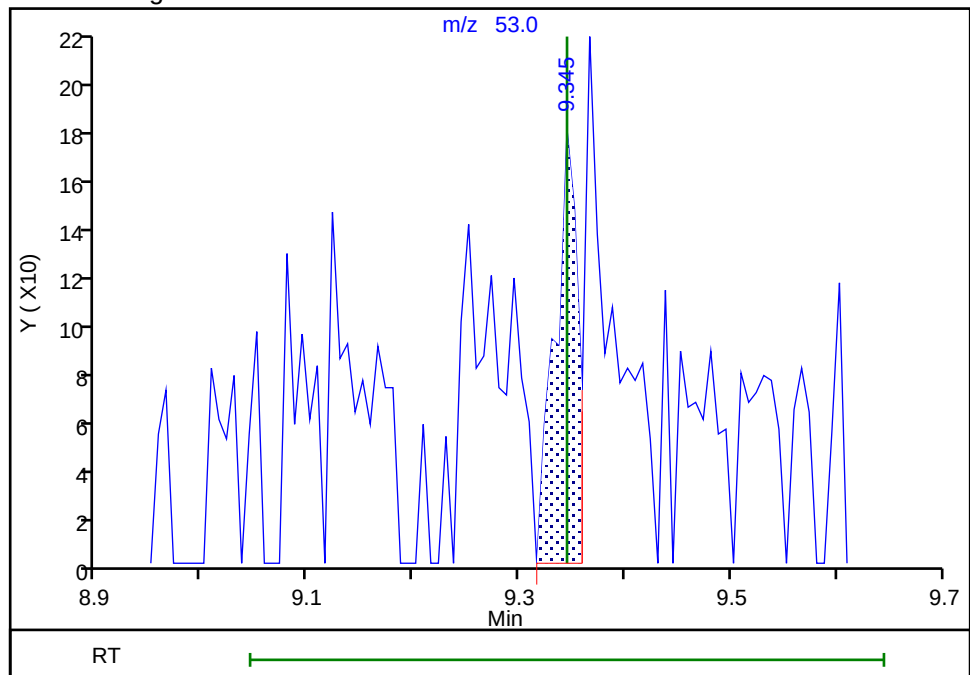
RT: 9.25
Area: 439
Amount: 0.631771
Amount Units: ug/l

Processing Integration Results



RT: 9.34
Area: 272
Amount: 0.399187
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:29:02

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66299.D

Injection Date: 25-Sep-2019 12:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

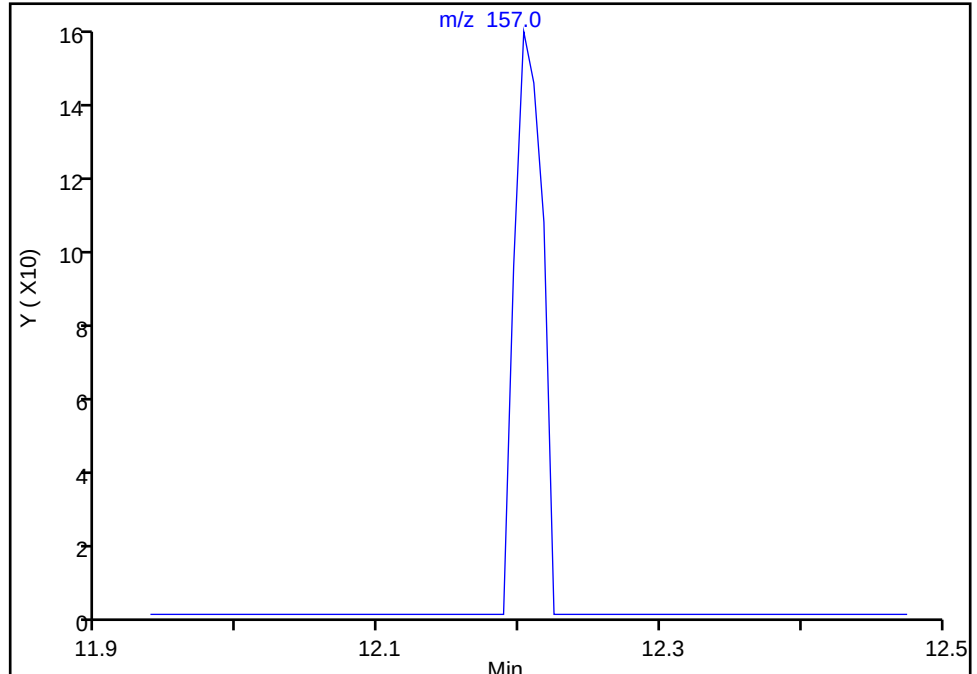
132 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

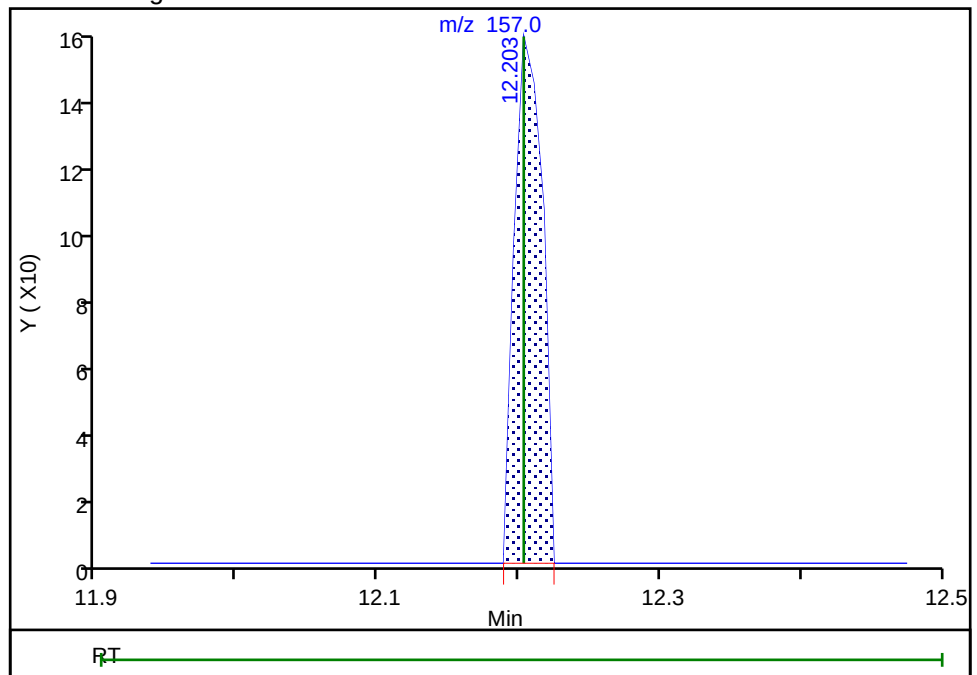
Not Detected

Expected RT: 12.20

Processing Integration Results



Manual Integration Results



RT: 12.20

Area: 217

Amount: 0.520256

Amount Units: ug/l

Reviewer: pakanatir, 25-Sep-2019 13:29:37

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66300.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 25-Sep-2019 12:37:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0098145-004
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 25-Sep-2019 17:39:37 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0320

First Level Reviewer: pakanatir

Date: 25-Sep-2019 13:24:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.757	0.778	-0.022	27	283	1.00	1.68	Ma
2 Chlorotrifluoroethene	116	0.792	0.792	0.000	83	1189	1.00	1.09	
3 Dichlorodifluoromethane	85	0.807	0.807	0.000	98	3776	1.00	1.04	M
4 1,1-Difluoroethane	65	0.821	0.821	0.000	61	1046	1.00	0.8446	
5 Chlorodifluoromethane	67	0.828	0.835	-0.007	95	699	1.00	1.24	a
6 Chloromethane	50	0.907	0.907	0.000	80	2526	1.00	1.12	
8 Butadiene	54	0.943	0.935	0.008	96	2858	1.00	1.22	
7 Vinyl chloride	62	0.936	0.935	0.001	92	3468	1.00	1.16	
9 Bromomethane	94	1.093	1.093	0.000	95	2470	1.00	0.8809	
10 Chloroethane	64	1.150	1.150	0.000	96	2268	1.00	0.9473	
11 Pentane	72	1.208	1.208	0.000	97	1095	2.00	2.07	
12 Trichlorofluoromethane	101	1.215	1.215	0.000	96	5219	1.00	1.04	
13 Dichlorofluoromethane	67	1.244	1.243	0.001	98	4643	1.00	0.8944	
14 2-Methyl-1,3-butadiene	67	1.351	1.351	0.000	96	3620	1.00	0.9860	
15 Ethyl ether	59	1.358	1.365	-0.007	95	2105	1.00	0.9115	
16 Ethanol	46	1.451	1.444	0.007	90	234	40.0	20.0	
18 1,2-Dichloro-1,1,2-trifluo	67	1.466	1.458	0.008	73	4436	1.00	1.08	
17 1,1-Dichloroethene	96	1.466	1.458	0.008	95	2665	1.00	0.8735	
20 1,1,2-Trichloro-1,2,2-trif	101	1.480	1.480	0.000	62	2571	1.00	0.9107	
19 Carbon disulfide	76	1.480	1.480	0.000	99	9072	1.00	0.9177	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.494	1.487	0.007	94	4390	1.00	0.9791	a
22 Iodomethane	142	1.537	1.537	0.000	100	4814	1.00	0.7880	
23 Cyclopentene	67	1.616	1.616	0.000	96	6467	1.00	1.00	
24 Acrolein	56	1.638	1.637	0.001	32	924	4.00	3.56	
25 3-Chloro-1-propene	76	1.716	1.709	0.007	86	1771	1.00	0.9724	
26 Isopropyl alcohol	45	1.745	1.731	0.014	96	2004	10.0	12.9	
27 Methylene Chloride	84	1.766	1.774	-0.008	87	3358	1.00	0.9765	
28 Acetone	43	1.795	1.802	-0.007	86	5307	5.00	9.15	
29 trans-1,2-Dichloroethene	96	1.860	1.860	0.000	91	2769	1.00	0.8231	
30 Methyl acetate	43	1.867	1.867	0.000	94	2160	2.00	1.54	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.903	1.902	0.001	65	518	1.00	1.04	
32 Methyl tert-butyl ether	73	1.924	1.924	0.000	96	8396	1.00	0.9588	
* 33 TBA-d9 (IS)	65	1.946	1.945	0.001	0	227760	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.989	1.988	0.001	97	2481	10.0	8.80	
35 Acetonitrile	41	2.060	2.067	-0.007	96	2259	10.0	10.8	a
36 Isopropyl ether	45	2.153	2.153	0.000	93	6785	1.00	0.9223	
37 2-Chloro-1,3-butadiene	88	2.203	2.203	0.000	91	2337	1.00	0.9444	
38 1,1-Dichloroethane	63	2.218	2.218	0.000	99	4240	1.00	0.9343	
39 Acrylonitrile	53	2.254	2.253	0.001	98	6077	10.0	8.70	
40 Tert-butyl ethyl ether	59	2.383	2.382	0.001	87	6692	1.00	0.8642	
41 Vinyl acetate	43	2.390	2.390	0.000	99	7896	2.00	1.65	
42 cis-1,2-Dichloroethene	96	2.569	2.569	0.000	96	2823	1.00	0.9235	
43 2,2-Dichloropropane	77	2.633	2.626	0.007	92	3581	1.00	0.9573	
44 Cyclohexane	56	2.698	2.698	0.000	86	2742	1.00	0.9098	
45 Chlorobromomethane	128	2.698	2.705	-0.007	80	1573	1.00	0.9020	
46 Chloroform	83	2.762	2.762	0.000	98	4435	1.00	0.9239	
47 Carbon tetrachloride	117	2.841	2.848	-0.007	88	3272	1.00	0.8441	
48 Ethyl acetate	70	2.862	2.862	0.000	95	437	2.00	1.77	
49 Methyl acrylate	55	2.862	2.869	-0.007	54	1780	1.00	0.9688	
50 Tetrahydrofuran	42	2.877	2.877	0.000	34	1496	2.00	1.87	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.884	0.007	96	146851	50.0	49.9	
52 1,1,1-Trichloroethane	97	2.891	2.891	0.000	35	3938	1.00	0.8961	a
* 53 2-Butanone-d5	46	2.948	2.948	0.000	0	190963	250.0	250.0	
54 2-Butanone (MEK)	72	2.991	2.984	0.007	86	1383	5.00	5.03	
55 1,1-Dichloropropene	75	2.984	2.984	0.000	87	3580	1.00	0.9700	a
56 Isooctane	57	3.084	3.077	0.007	96	3631	1.00	1.02	
57 n-Heptane	57	3.185	3.170	0.015	42	628	1.00	0.8328	Ma
58 Benzene	78	3.178	3.178	0.000	95	10014	1.00	0.9326	
59 Propionitrile	54	3.206	3.199	0.007	44	2600	10.0	9.61	
60 Methacrylonitrile	67	3.221	3.213	0.008	92	7047	10.0	7.95	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.278	3.278	0.000	0	140471	50.0	48.5	
62 Tert-amyl methyl ether	73	3.292	3.292	0.000	37	6624	1.00	0.8940	
63 1,2-Dichloroethane	62	3.335	3.335	0.000	91	3378	1.00	0.9401	
64 Isobutyl alcohol	43	3.421	3.421	0.000	95	1766	25.0	23.2	
65 t-Amyl alcohol	59	3.486	3.478	0.008	87	1394	10.0	9.08	a
* 66 Fluorobenzene	96	3.521	3.521	0.000	99	577098	50.0	50.0	
67 Isopropyl acetate	43	3.586	3.593	-0.007	96	4112	1.00	1.03	
68 Methylcyclohexane	83	3.650	3.643	0.007	55	3080	1.00	1.09	
69 Trichloroethene	130	3.672	3.665	0.007	94	3229	1.00	0.9406	
70 2-ethoxy-2-methyl butane	59	3.908	3.915	-0.007	96	5149	1.00	0.8511	
71 Dibromomethane	93	4.037	4.030	0.007	93	1469	1.00	0.8601	
72 n-Butanol	56	4.052	4.059	-0.007	59	974	25.0	21.2	
73 1,2-Dichloropropane	63	4.123	4.123	0.000	89	2257	1.00	0.8841	
75 Dichlorobromomethane	83	4.202	4.195	0.007	97	3108	1.00	0.8567	
74 Ethyl acrylate	55	4.209	4.216	-0.007	55	1467	1.00	0.5420	
* 76 1,4-Dioxane-d8	96	4.388	4.388	0.000	0	22681	1000.0	1000.0	
77 Methyl methacrylate	100	4.395	4.395	0.000	50	1281	2.00	1.78	
78 1,4-Dioxane	88	4.410	4.417	-0.007	41	1374	50.0	51.9	
79 n-Propyl acetate	43	4.560	4.560	0.000	88	2265	1.00	0.8725	
80 2-Chloroethyl vinyl ether	63	4.825	4.839	-0.014	70	1271	1.00	0.8665	
81 cis-1,3-Dichloropropene	75	4.847	4.854	-0.007	93	3690	1.00	0.8862	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.040	0.000	99	562926	50.0	51.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	5.090	5.097	-0.007	92	11879	1.00	0.9474	
84 Epichlorohydrin	57	5.126	5.126	0.000	93	2891	20.0	16.8	
85 2-Nitropropane	41	5.348	5.348	0.000	98	1124	2.00	1.86	
86 Tetrachloroethene	166	5.520	5.527	-0.007	95	3173	1.00	0.9623	
87 4-Methyl-2-pentanone (MIBK)	43	5.563	5.563	0.000	96	8041	5.00	4.40	
88 trans-1,3-Dichloropropene	75	5.606	5.606	0.000	89	2622	1.00	0.7097	
89 1,1,2-Trichloroethane	83	5.763	5.763	0.000	93	1571	1.00	0.8518	
90 Ethyl methacrylate	69	5.857	5.849	0.008	87	2336	1.00	0.7645	
91 Chlorodibromomethane	129	5.964	5.964	0.000	98	2472	1.00	0.8272	
92 1,3-Dichloropropane	76	6.086	6.079	0.007	92	3112	1.00	0.8431	
93 Ethylene Dibromide	107	6.208	6.229	-0.021	97	1889	1.00	0.7911	
94 n-Butyl acetate	43	6.559	6.573	-0.014	94	2691	1.00	0.9093	
95 2-Hexanone	43	6.630	6.623	0.007	94	4896	5.00	3.92	
* 96 Chlorobenzene-d5	117	6.895	6.895	0.000	83	467851	50.0	50.0	
97 Chlorobenzene	112	6.917	6.909	0.008	98	7947	1.00	0.9253	
98 Ethylbenzene	106	7.003	7.003	0.000	97	4314	1.00	0.9474	
99 1,1,1,2-Tetrachloroethane	131	7.024	7.024	0.000	85	2726	1.00	0.8742	
100 m-Xylene & p-Xylene	106	7.218	7.225	-0.007	0	5125	1.00	0.9234	
101 o-Xylene	106	7.812	7.805	0.007	93	4589	1.00	0.8676	
102 Bromoform	173	7.877	7.869	0.008	90	1420	1.00	0.8208	
103 Styrene	104	7.898	7.898	0.000	96	7684	1.00	0.8767	
104 n-Butyl acrylate	73	8.228	8.227	0.001	96	1521	1.00	0.8824	
105 Isopropylbenzene	105	8.285	8.285	0.000	95	11468	1.00	0.9256	
106 Amyl acetate (mixed isomer)	43	8.643	8.650	-0.007	37	3265	1.00	0.8860	a
\$ 107 4-Bromofluorobenzene	174	8.657	8.657	0.000	97	197776	50.0	49.3	
108 Bromobenzene	156	8.765	8.772	-0.007	84	3726	1.00	0.9401	
109 N-Propylbenzene	91	8.922	8.922	0.000	99	12202	1.00	0.9401	
110 1,1,2,2-Tetrachloroethane	83	9.073	9.073	0.000	93	2453	1.00	0.8948	
111 2-Chlorotoluene	91	9.094	9.094	0.000	95	9288	1.00	0.9262	
112 4-Ethyltoluene	105	9.109	9.116	-0.007	98	10997	1.00	0.9137	
113 1,2,3-Trichloropropane	110	9.202	9.202	0.000	95	924	1.00	1.01	
114 1,3,5-Trimethylbenzene	105	9.266	9.273	-0.007	93	9437	1.00	0.9396	
115 trans-1,4-Dichloro-2-buten	53	9.352	9.345	0.007	56	635	1.00	0.9316	
116 4-Chlorotoluene	91	9.359	9.374	-0.015	96	8149	1.00	0.9028	
117 tert-Butylbenzene	119	9.732	9.725	0.007	95	7481	1.00	0.9204	
118 1,2,4-Trimethylbenzene	105	9.861	9.868	-0.007	95	9757	1.00	0.9047	
119 Butyl Methacrylate	87	9.868	9.868	0.000	53	2749	1.00	0.7465	
120 sec-Butylbenzene	105	10.018	10.018	0.000	98	9693	1.00	0.9298	
121 1,3-Dichlorobenzene	146	10.283	10.290	-0.007	96	5889	1.00	0.8608	
122 4-Isopropyltoluene	119	10.305	10.290	0.015	99	9383	1.00	0.9477	
* 123 1,4-Dichlorobenzene-d4	152	10.412	10.412	0.000	94	268936	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.434	10.434	0.000	59	7022	1.00	0.9296	
125 1,2,3-Trimethylbenzene	105	10.548	10.541	0.007	97	9846	1.00	0.8770	
126 2,3-Dihydroindene	117	10.720	10.713	0.007	93	10954	1.00	0.9271	
127 Benzyl chloride	126	10.899	10.906	-0.007	91	942	1.00	0.7699	
128 p-Diethylbenzene	119	10.914	10.921	-0.007	88	4846	1.00	0.9364	
129 n-Butylbenzene	91	11.000	11.000	0.000	97	7167	1.00	0.9541	
130 1,2-Dichlorobenzene	146	11.114	11.114	0.000	98	5879	1.00	0.8593	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	97	8074	1.00	0.8683	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	87	497	1.00	0.9285	
133 1,3,5-Trichlorobenzene	180	12.253	12.260	-0.007	97	3567	1.00	0.8585	
134 1,2,4-Trichlorobenzene	180	12.941	12.941	0.000	94	3421	1.00	0.8675	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.948	12.955	-0.007	88	1187	1.00	0.8584	
136 Naphthalene	128	13.242	13.242	0.000	99	8444	1.00	0.9260	
137 1,2,3-Trichlorobenzene	180	13.406	13.413	-0.007	96	2995	1.00	0.8280	
S 138 1,2-Dichloroethene, Total	100				0		2.00	1.75	
S 139 1,3-Dichloropropene, Total	100				0		2.00	1.60	
S 140 Xylenes, Total	100				0		2.00	1.79	
S 142 Total BTEX	1				0		5.00	4.62	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00333	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 10.00	Units: uL	
ACROLEIN W_00095	Amount Added: 4.00	Units: uL	
524freon_00012	Amount Added: 10.00	Units: uL	
14DIOXINTER_00104	Amount Added: 30.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66300.D

Injection Date: 25-Sep-2019 12:37:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD1

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

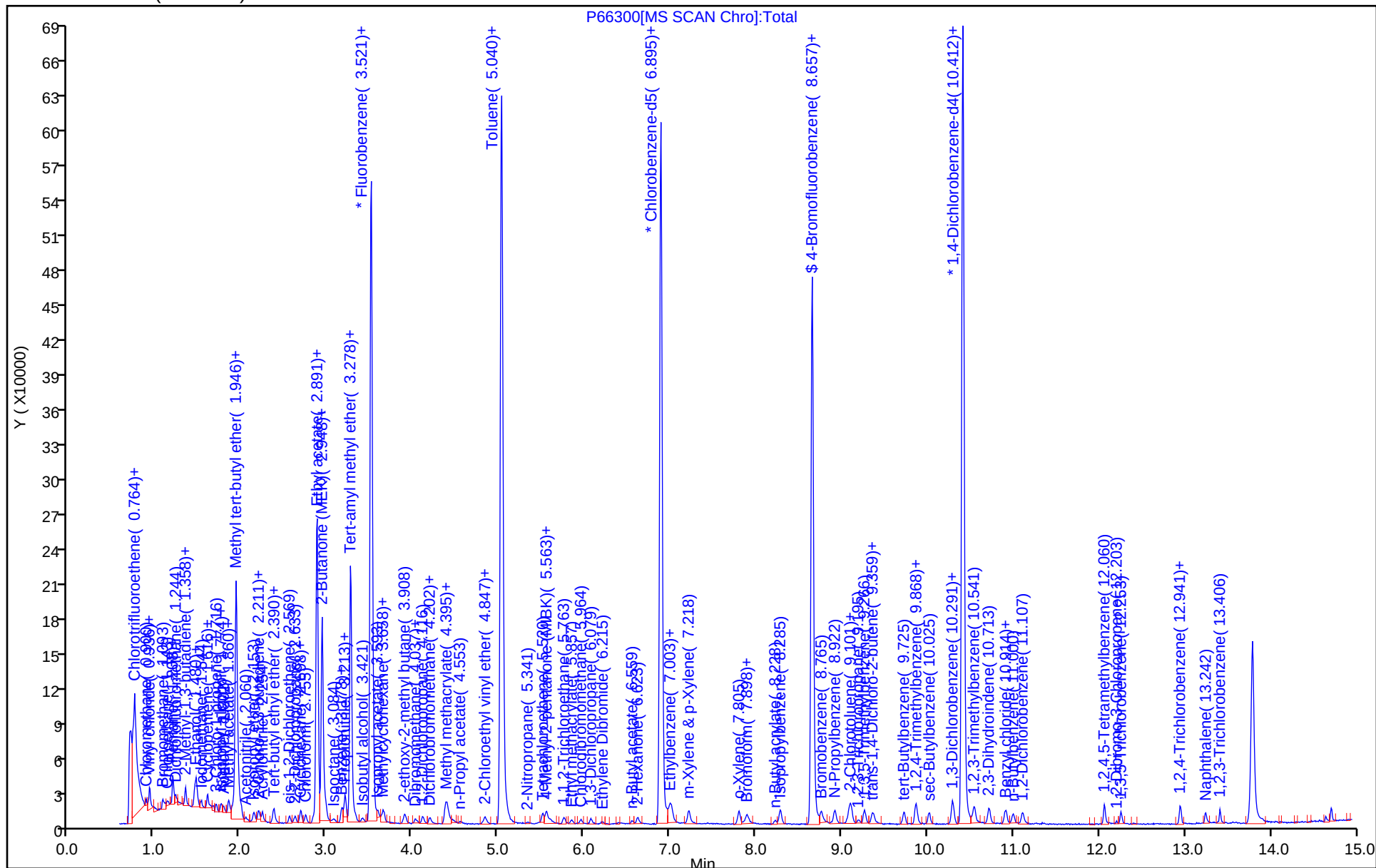
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66300.D

Injection Date: 25-Sep-2019 12:37:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

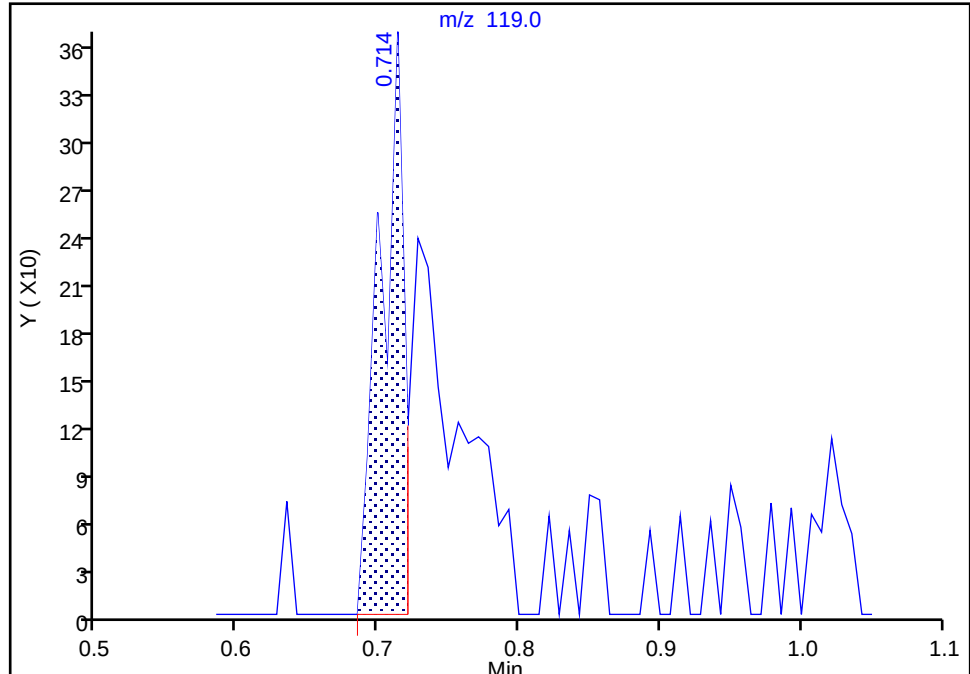
MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

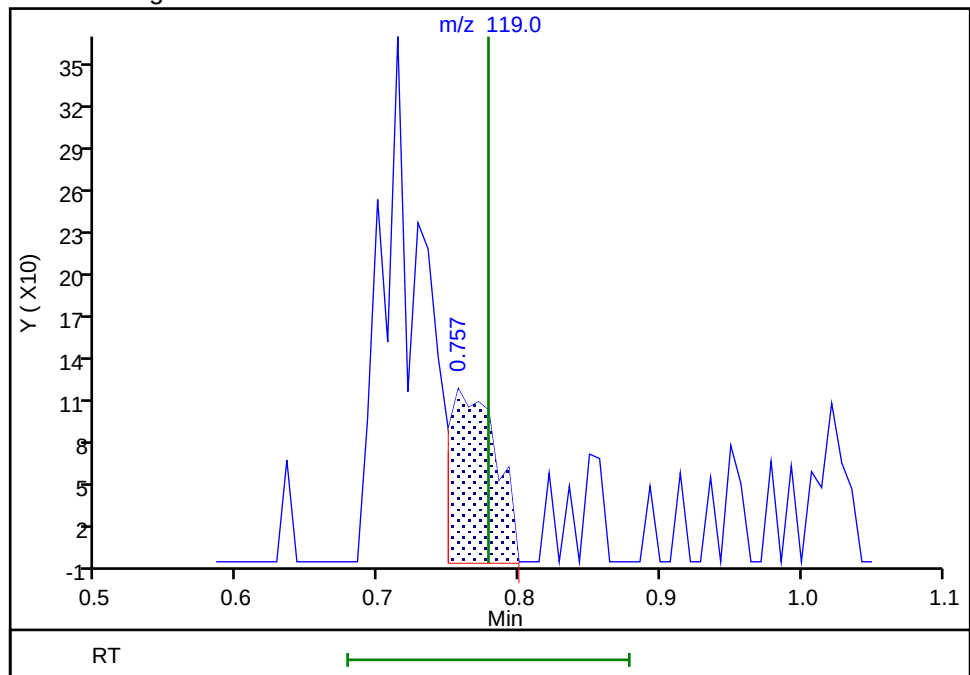
RT: 0.71
Area: 419
Amount: 3.620713
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 283
Amount: 1.680167
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:21:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66300.D

Injection Date: 25-Sep-2019 12:37:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

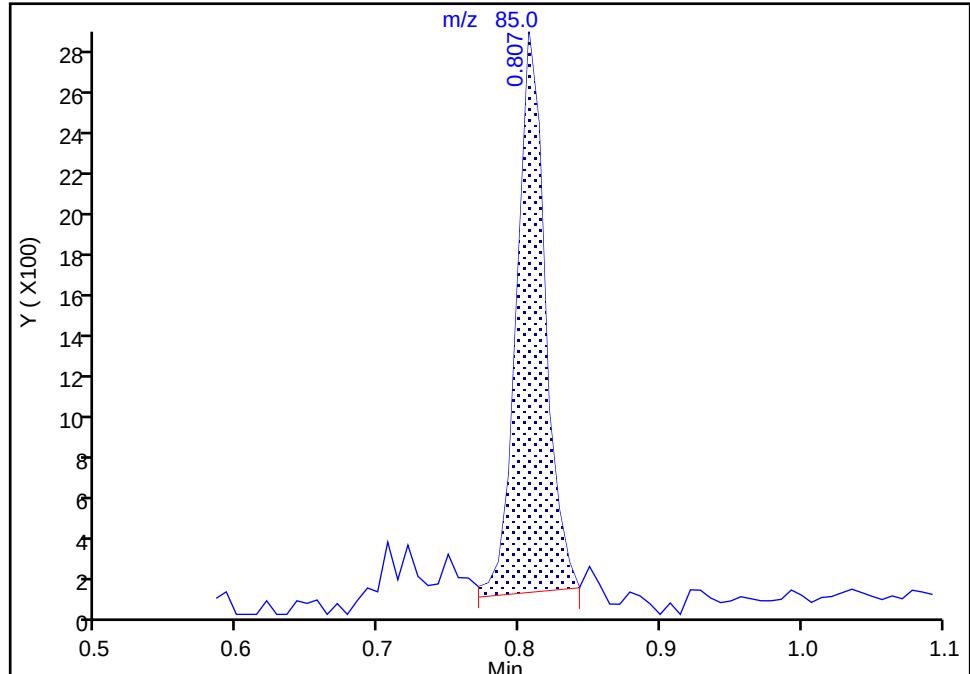
Detector: MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

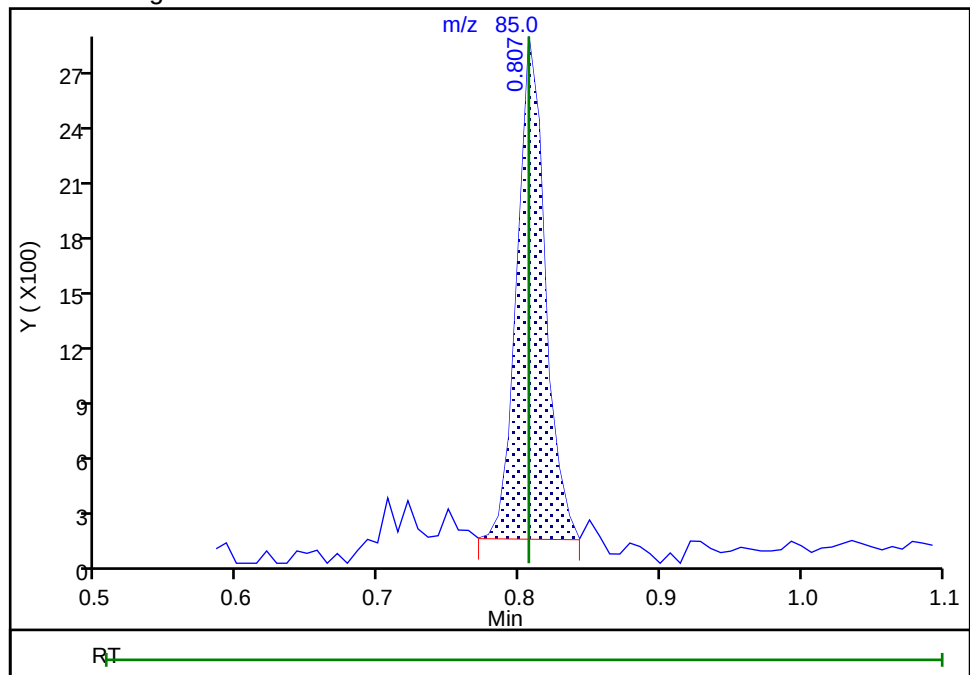
RT: 0.81
Area: 3885
Amount: 1.341634
Amount Units: ug/l

Processing Integration Results



RT: 0.81
Area: 3776
Amount: 1.043410
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 16:19:07

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66300.D

Injection Date: 25-Sep-2019 12:37:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

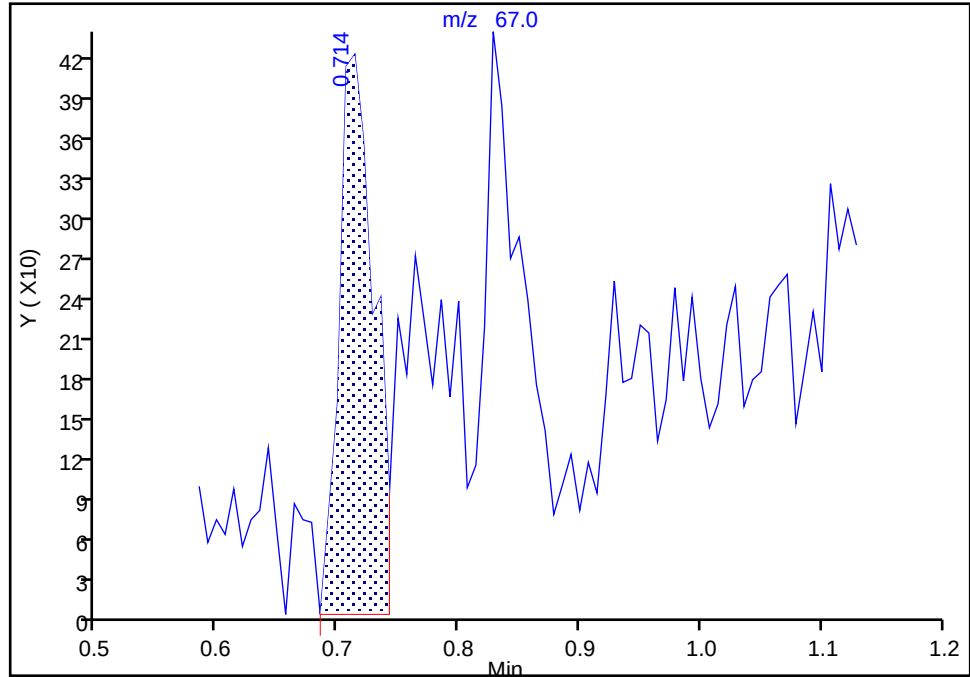
MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

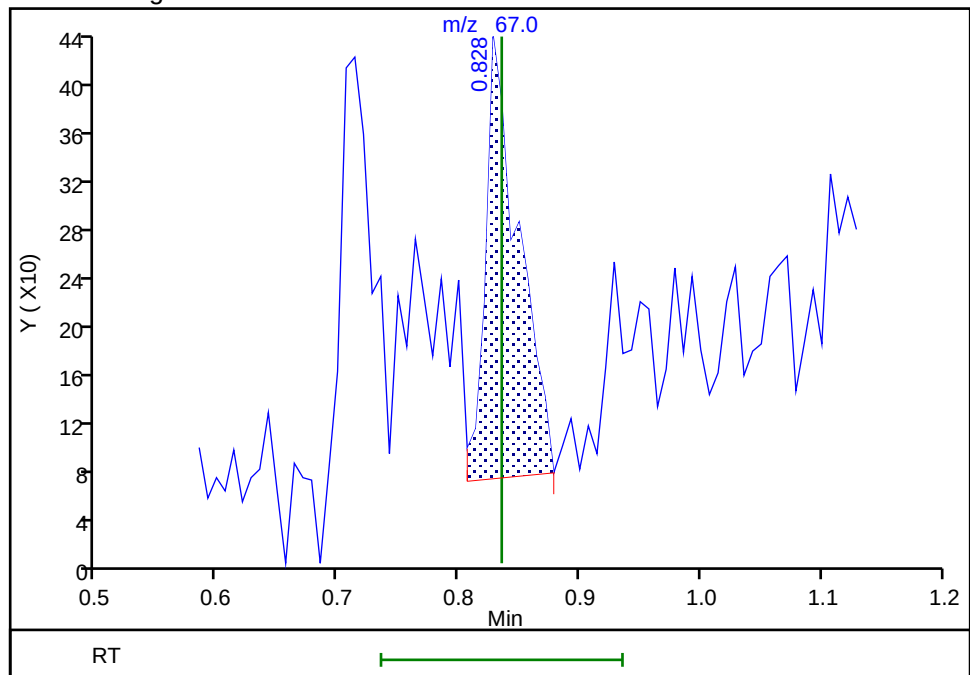
RT: 0.71
Area: 850
Amount: 1.304138
Amount Units: ug/l

Processing Integration Results



RT: 0.83
Area: 699
Amount: 1.244660
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:22:00

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66300.D

Injection Date: 25-Sep-2019 12:37:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

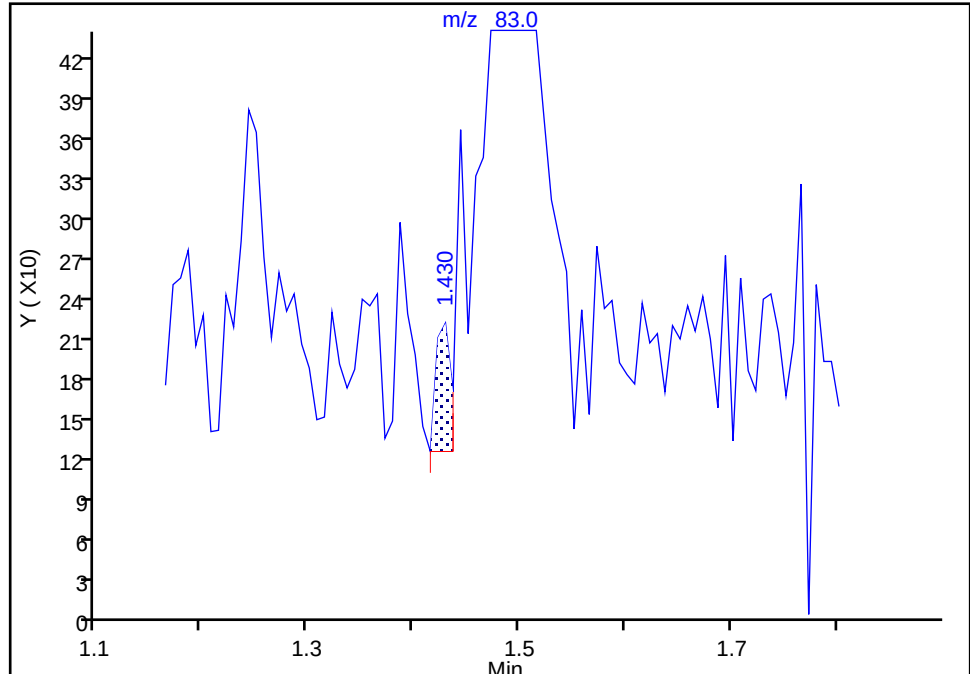
MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

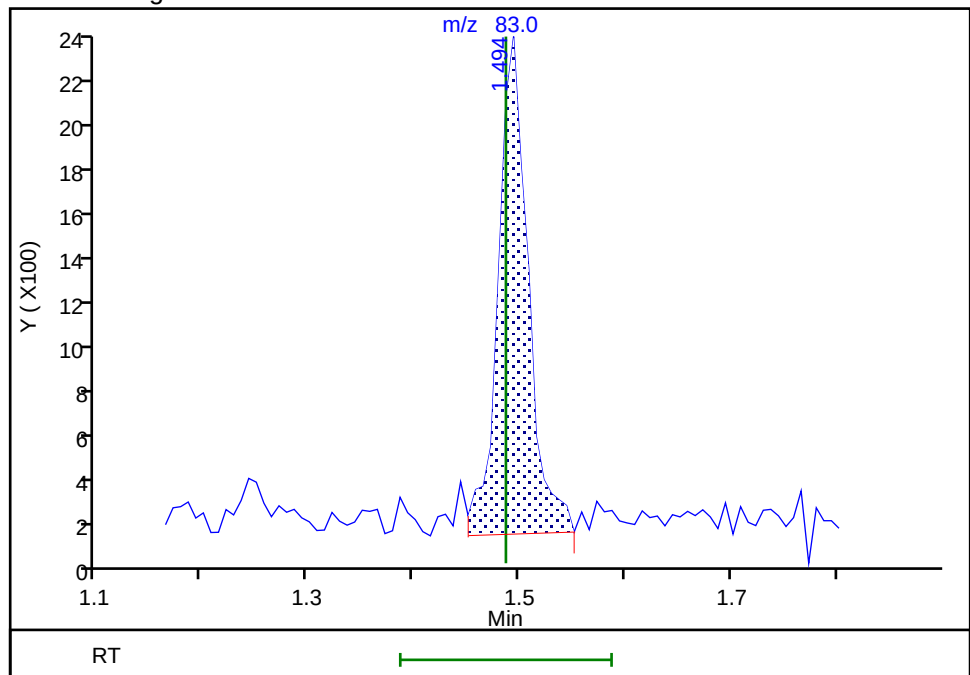
RT: 1.43
Area: 98
Amount: 0.020840
Amount Units: ug/l

Processing Integration Results



RT: 1.49
Area: 4390
Amount: 0.979146
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:22:17

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66300.D

Injection Date: 25-Sep-2019 12:37:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

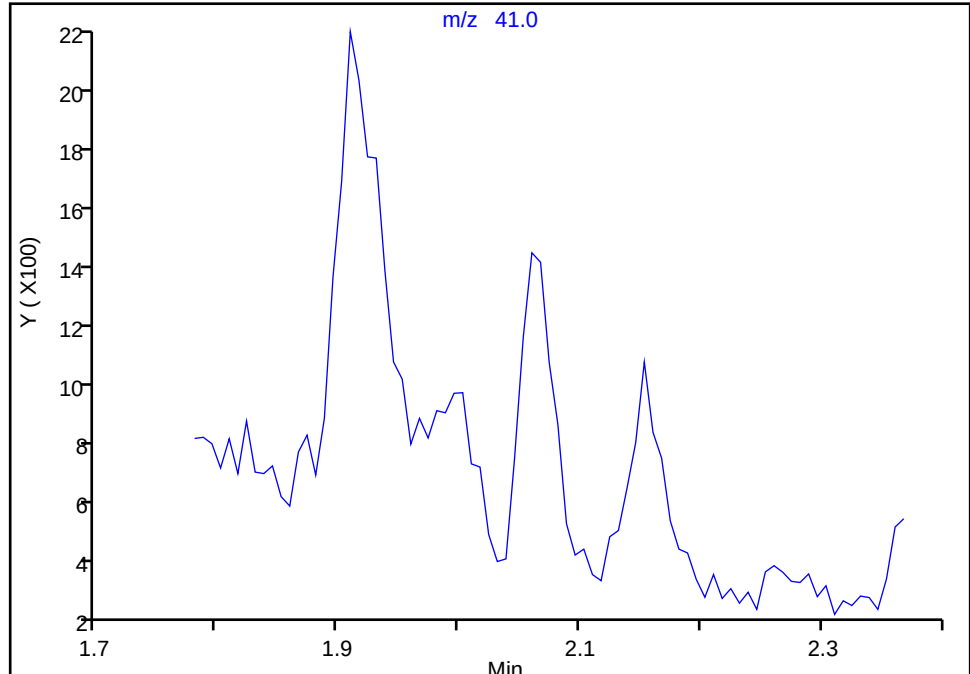
35 Acetonitrile, CAS: 75-05-8

Signal: 1

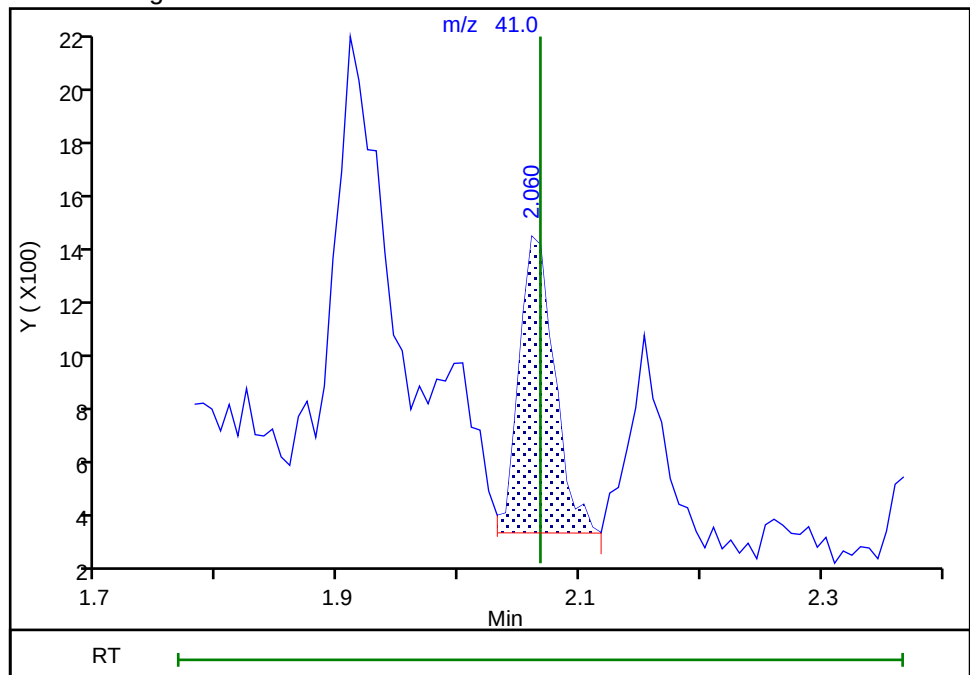
Not Detected

Expected RT: 2.07

Processing Integration Results



Manual Integration Results



RT: 2.06

Area: 2259

Amount: 10.841111

Amount Units: ug/l

Reviewer: pakanatir, 25-Sep-2019 13:22:29

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66300.D

Injection Date: 25-Sep-2019 12:37:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

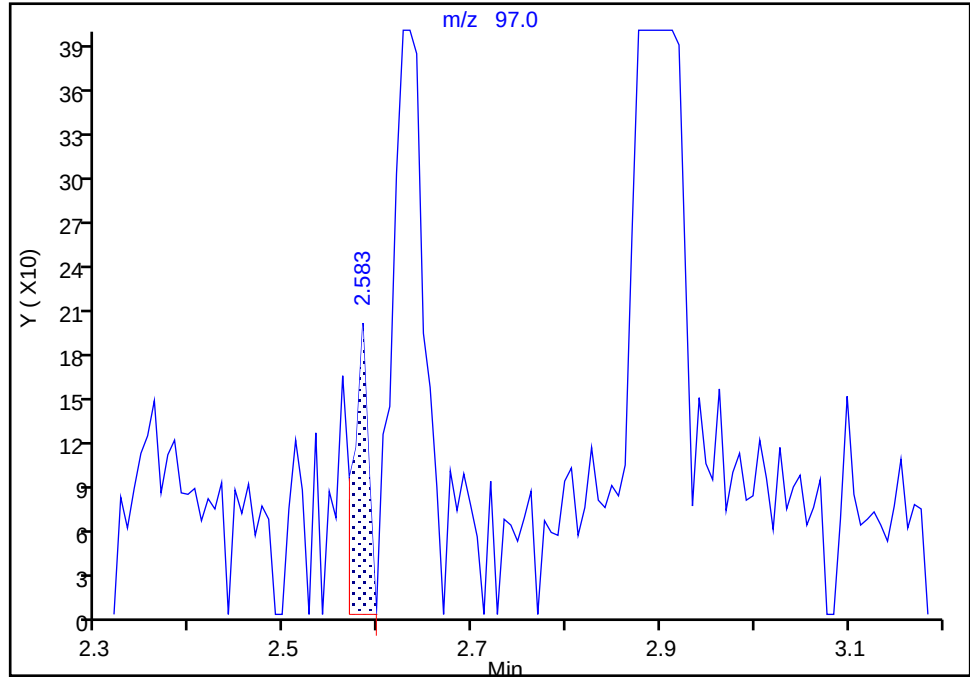
MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

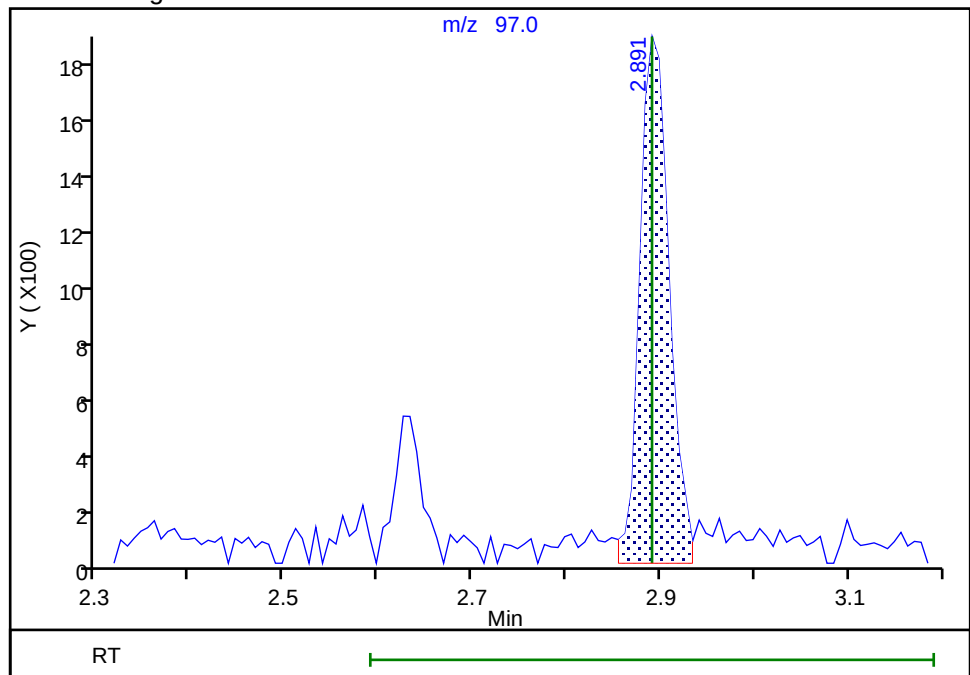
RT: 2.58
Area: 214
Amount: 0.049435
Amount Units: ug/l

Processing Integration Results



RT: 2.89
Area: 3938
Amount: 0.896147
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:22:43

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66300.D

Injection Date: 25-Sep-2019 12:37:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

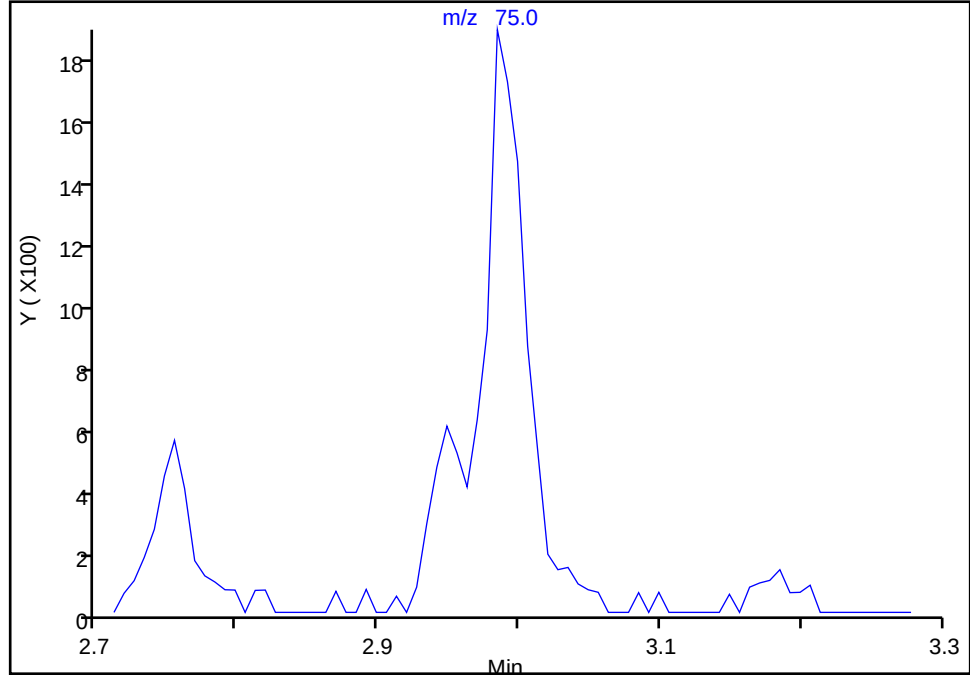
55 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

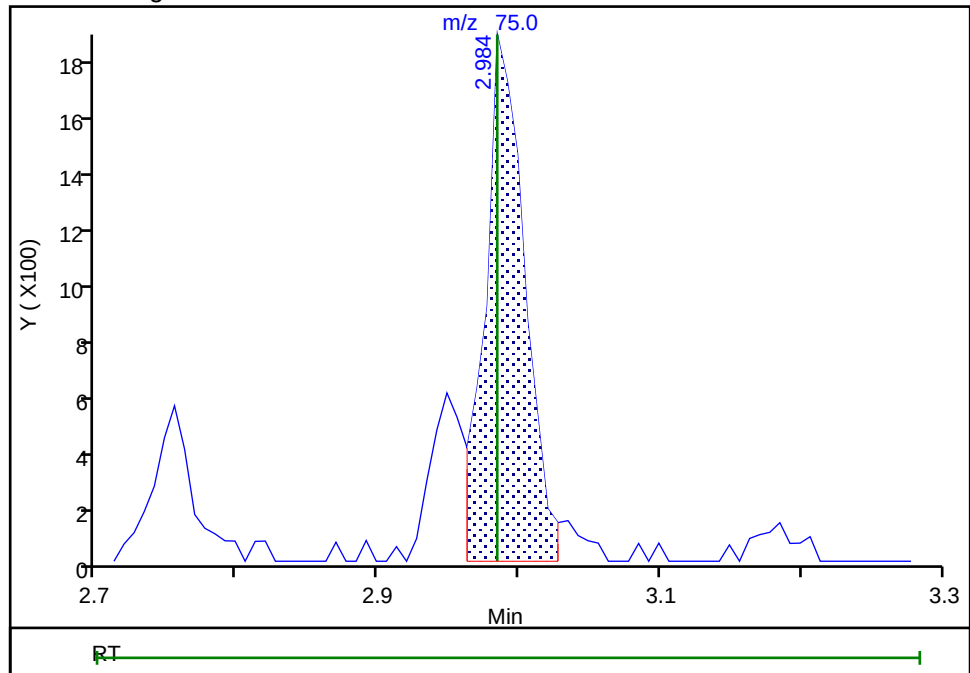
Not Detected

Expected RT: 2.98

Processing Integration Results



Manual Integration Results



RT: 2.98

Area: 3580

Amount: 0.970036

Amount Units: ug/l

Reviewer: pakanatir, 25-Sep-2019 13:22:50

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66300.D

Injection Date: 25-Sep-2019 12:37:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

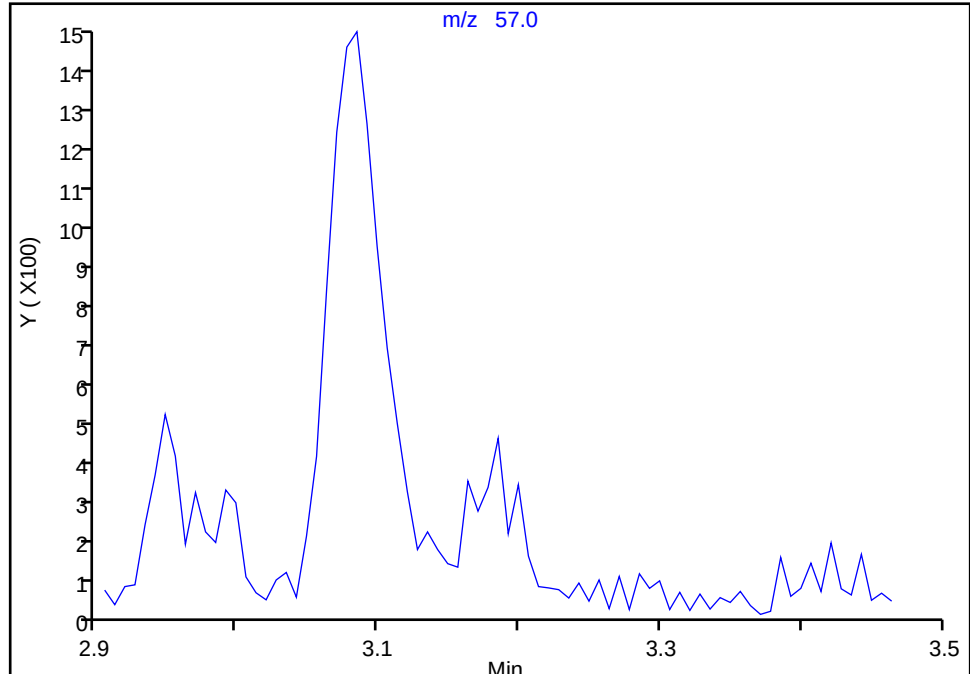
57 n-Heptane, CAS: 142-82-5

Signal: 1

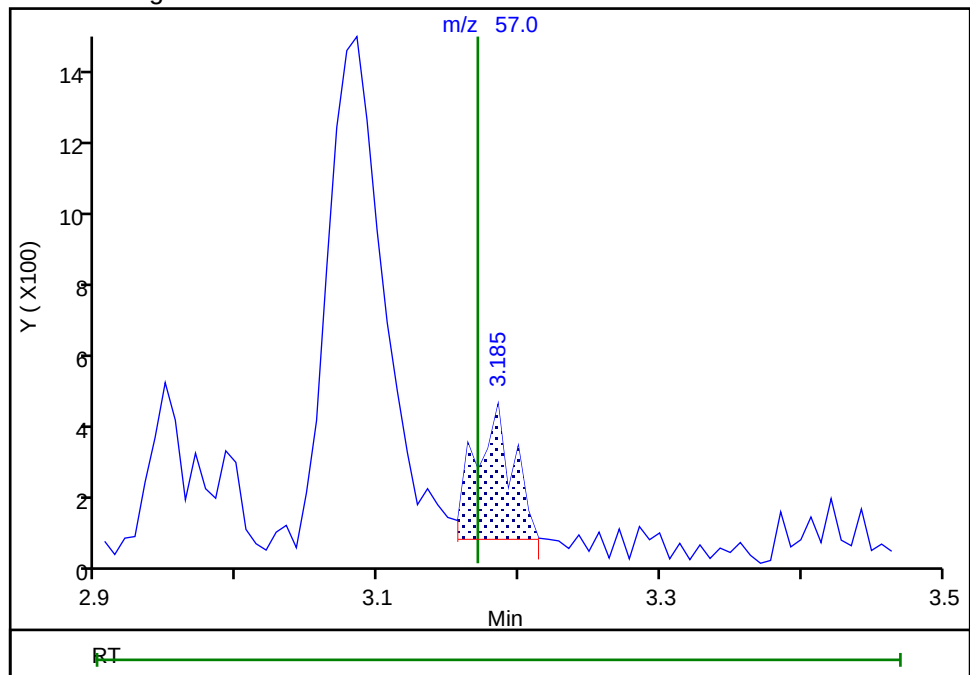
Not Detected

Expected RT: 3.17

Processing Integration Results



Manual Integration Results



RT: 3.18

Area: 628

Amount: 0.832776

Amount Units: ug/l

Reviewer: pakanatir, 25-Sep-2019 13:23:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66300.D

Injection Date: 25-Sep-2019 12:37:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

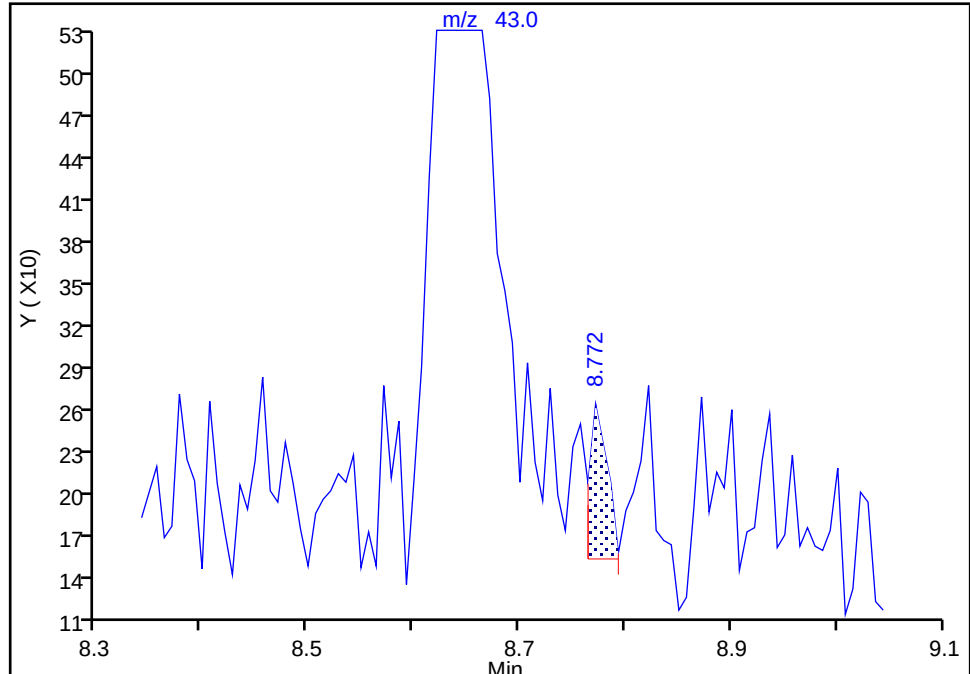
MS SCAN

106 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

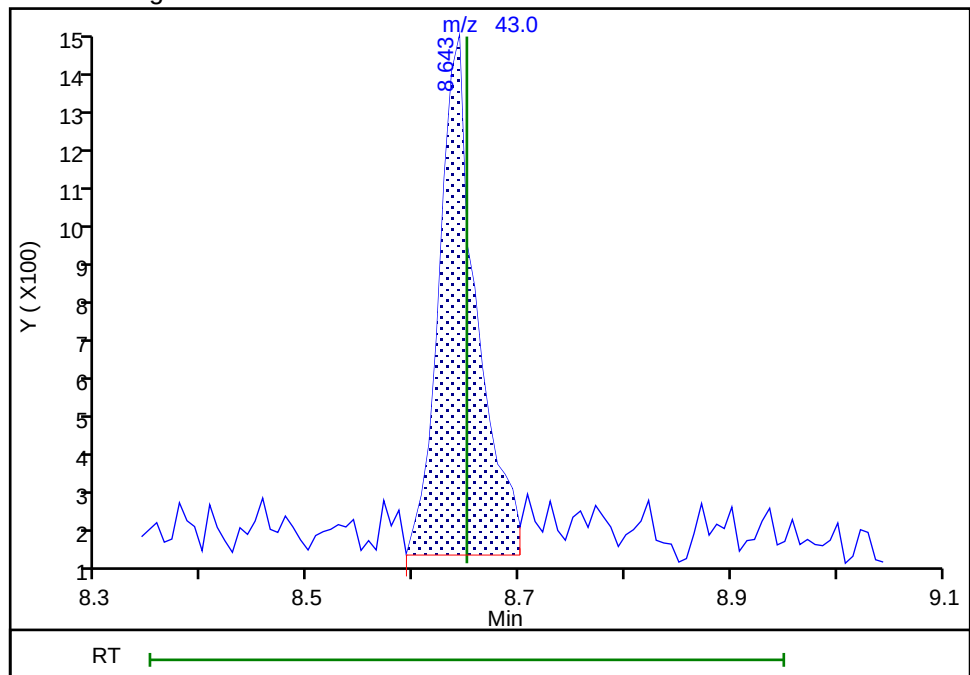
RT: 8.77
Area: 129
Amount: 0.036492
Amount Units: ug/l

Processing Integration Results



RT: 8.64
Area: 3265
Amount: 0.886006
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:23:59

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66301.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 25-Sep-2019 13:02:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0098145-005
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 25-Sep-2019 17:39:49 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0320

First Level Reviewer: pakanatir

Date: 25-Sep-2019 12:54:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.757	0.778	-0.021	29	917	5.00	5.41	a
2 Chlorotrifluoroethene	116	0.792	0.792	0.000	84	6178	5.00	5.60	
3 Dichlorodifluoromethane	85	0.807	0.807	0.000	99	16436	5.00	4.51	
4 1,1-Difluoroethane	65	0.821	0.821	0.000	99	7761	5.00	6.23	
5 Chlorodifluoromethane	67	0.835	0.835	0.000	97	3022	5.00	5.35	a
6 Chloromethane	50	0.907	0.907	0.000	98	12176	5.00	5.35	
8 Butadiene	54	0.936	0.935	0.001	99	11568	5.00	4.91	M
7 Vinyl chloride	62	0.936	0.935	0.001	98	15195	5.00	5.04	
9 Bromomethane	94	1.093	1.093	0.000	99	12948	5.00	4.60	
10 Chloroethane	64	1.151	1.150	0.001	99	10458	5.00	4.34	
11 Pentane	72	1.208	1.208	0.000	97	3822	10.0	7.27	
12 Trichlorofluoromethane	101	1.215	1.215	0.000	98	22650	5.00	4.48	
13 Dichlorofluoromethane	67	1.244	1.243	0.001	99	23679	5.00	4.53	
14 2-Methyl-1,3-butadiene	67	1.358	1.351	0.007	98	16437	5.00	4.45	
15 Ethyl ether	59	1.358	1.365	-0.007	93	11428	5.00	4.92	
16 Ethanol	46	1.444	1.444	0.000	96	1514	200.0	130.0	
17 1,1-Dichloroethene	96	1.466	1.458	0.008	94	14335	5.00	4.67	
18 1,2-Dichloro-1,1,2-trifluo	67	1.466	1.458	0.008	77	21740	5.00	5.24	
20 1,1,2-Trichloro-1,2,2-trif	101	1.480	1.480	0.000	72	12322	5.00	4.34	
19 Carbon disulfide	76	1.480	1.480	0.000	100	47504	5.00	4.77	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.494	1.487	0.007	93	23955	5.00	5.31	a
22 Iodomethane	142	1.537	1.537	0.000	98	30512	5.00	4.96	
23 Cyclopentene	67	1.616	1.616	0.000	97	30411	5.00	4.66	
24 Acrolein	56	1.638	1.637	0.001	94	3782	20.0	18.8	
25 3-Chloro-1-propene	76	1.716	1.709	0.007	88	9436	5.00	5.15	
26 Isopropyl alcohol	45	1.738	1.731	0.007	96	7134	50.0	46.3	
27 Methylene Chloride	84	1.774	1.774	0.000	89	16566	5.00	4.79	
28 Acetone	43	1.795	1.802	-0.007	86	15775	25.0	27.1	
29 trans-1,2-Dichloroethene	96	1.860	1.860	0.000	88	17476	5.00	5.16	
30 Methyl acetate	43	1.867	1.867	0.000	97	15266	10.0	10.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.903	1.902	0.001	68	2229	5.00	4.46	
32 Methyl tert-butyl ether	73	1.924	1.924	0.000	96	43113	5.00	4.89	
* 33 TBA-d9 (IS)	65	1.946	1.945	0.001	0	226598	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.989	1.988	0.001	99	11402	50.0	48.8	
35 Acetonitrile	41	2.060	2.067	-0.007	97	9823	50.0	47.4	a
36 Isopropyl ether	45	2.153	2.153	0.000	92	36694	5.00	4.96	
37 2-Chloro-1,3-butadiene	88	2.204	2.203	0.001	91	12048	5.00	4.84	
38 1,1-Dichloroethane	63	2.218	2.218	0.000	99	22438	5.00	4.91	
39 Acrylonitrile	53	2.247	2.253	-0.006	90	35045	50.0	49.8	
40 Tert-butyl ethyl ether	59	2.383	2.382	0.001	91	38644	5.00	4.96	
41 Vinyl acetate	43	2.390	2.390	0.000	99	46697	10.0	9.69	
42 cis-1,2-Dichloroethene	96	2.569	2.569	0.000	96	15051	5.00	4.89	
43 2,2-Dichloropropane	77	2.633	2.626	0.007	95	18598	5.00	4.94	
44 Cyclohexane	56	2.698	2.698	0.000	87	12668	5.00	4.18	
45 Chlorobromomethane	128	2.705	2.705	0.000	81	8699	5.00	4.96	
46 Chloroform	83	2.762	2.762	0.000	99	23889	5.00	4.94	
47 Carbon tetrachloride	117	2.848	2.848	0.000	98	18395	5.00	4.71	
48 Ethyl acetate	70	2.863	2.862	0.001	97	2394	10.0	9.68	
49 Methyl acrylate	55	2.870	2.869	0.001	81	8474	5.00	4.58	
50 Tetrahydrofuran	42	2.870	2.877	-0.007	92	7586	10.0	9.47	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.884	0.007	97	147049	50.0	49.6	
52 1,1,1-Trichloroethane	97	2.898	2.891	0.007	96	21312	5.00	4.82	a
* 53 2-Butanone-d5	46	2.949	2.948	0.000	0	191703	250.0	250.0	
54 2-Butanone (MEK)	72	2.984	2.984	0.000	98	6781	25.0	24.6	
55 1,1-Dichloropropene	75	2.991	2.984	0.007	92	17758	5.00	4.78	a
56 Isooctane	57	3.085	3.077	0.008	98	14927	5.00	4.17	
57 n-Heptane	57	3.171	3.170	0.001	45	3526	5.00	4.64	a
58 Benzene	78	3.178	3.178	0.000	96	52907	5.00	4.87	
59 Propionitrile	54	3.199	3.199	0.000	98	12074	50.0	44.9	
60 Methacrylonitrile	67	3.214	3.213	0.001	91	42717	50.0	47.8	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.278	3.278	0.000	0	141413	50.0	48.5	
62 Tert-amyl methyl ether	73	3.292	3.292	0.000	98	37199	5.00	4.99	
63 1,2-Dichloroethane	62	3.335	3.335	0.000	96	16616	5.00	4.59	
64 Isobutyl alcohol	43	3.414	3.421	-0.007	97	8830	125.0	116.7	
65 t-Amyl alcohol	59	3.479	3.478	0.001	95	7939	50.0	52.0	
* 66 Fluorobenzene	96	3.522	3.521	0.001	99	580928	50.0	50.0	
67 Isopropyl acetate	43	3.586	3.593	-0.007	98	20416	5.00	5.10	
68 Methylcyclohexane	83	3.650	3.643	0.007	92	11677	5.00	4.10	
69 Trichloroethene	130	3.665	3.665	0.000	94	16676	5.00	4.83	
70 2-ethoxy-2-methyl butane	59	3.908	3.915	-0.007	97	30632	5.00	5.03	
71 Dibromomethane	93	4.030	4.030	0.000	94	8683	5.00	5.05	
72 n-Butanol	56	4.052	4.059	-0.007	81	5697	125.0	124.5	
73 1,2-Dichloropropane	63	4.116	4.123	-0.007	89	12614	5.00	4.91	
75 Dichlorobromomethane	83	4.202	4.195	0.007	98	17531	5.00	4.80	
74 Ethyl acrylate	55	4.209	4.216	-0.007	67	12450	5.00	4.57	
* 76 1,4-Dioxane-d8	96	4.388	4.388	0.000	0	22500	1000.0	1000.0	
77 Methyl methacrylate	100	4.395	4.395	0.000	85	7275	10.0	10.1	
78 1,4-Dioxane	88	4.410	4.417	-0.007	26	2836	100.0	108.1	a
79 n-Propyl acetate	43	4.553	4.560	-0.007	98	12888	5.00	4.93	
80 2-Chloroethyl vinyl ether	63	4.811	4.839	-0.028	96	7107	5.01	4.81	
81 cis-1,3-Dichloropropene	75	4.847	4.854	-0.007	92	19931	5.00	4.73	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.040	0.000	99	560251	50.0	50.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	5.090	5.097	-0.007	92	61738	5.00	4.87	
84 Epichlorohydrin	57	5.119	5.126	-0.007	99	16752	100.0	97.0	
85 2-Nitropropane	41	5.341	5.348	-0.007	98	5194	10.0	8.54	
86 Tetrachloroethene	166	5.520	5.527	-0.007	97	15975	5.00	4.79	
87 4-Methyl-2-pentanone (MIBK)	43	5.556	5.563	-0.007	96	44791	25.0	24.4	
88 trans-1,3-Dichloropropene	75	5.592	5.606	-0.014	96	18314	5.00	4.90	
89 1,1,2-Trichloroethane	83	5.764	5.763	0.001	93	9930	5.00	5.32	
90 Ethyl methacrylate	69	5.850	5.849	0.001	88	13838	5.00	4.50	
91 Chlorodibromomethane	129	5.964	5.964	0.000	97	14478	5.00	4.79	
92 1,3-Dichloropropane	76	6.079	6.079	0.000	91	19086	5.00	5.11	
93 Ethylene Dibromide	107	6.201	6.229	-0.028	100	12149	5.00	5.03	
94 n-Butyl acetate	43	6.559	6.573	-0.014	98	14273	5.00	4.77	
95 2-Hexanone	43	6.616	6.623	-0.007	95	30755	25.0	24.5	
* 96 Chlorobenzene-d5	117	6.895	6.895	0.000	83	473097	50.0	50.0	
97 Chlorobenzene	112	6.917	6.909	0.008	98	42386	5.00	4.88	
98 Ethylbenzene	106	7.003	7.003	0.000	98	22246	5.00	4.83	
99 1,1,1,2-Tetrachloroethane	131	7.024	7.024	0.000	90	15809	5.00	5.01	
100 m-Xylene & p-Xylene	106	7.218	7.225	-0.007	0	27689	5.00	4.93	
101 o-Xylene	106	7.805	7.805	0.000	95	25877	5.00	4.84	
102 Bromoform	173	7.862	7.869	-0.007	95	8777	5.00	5.02	
103 Styrene	104	7.891	7.898	-0.007	96	42116	5.00	4.75	
104 n-Butyl acrylate	73	8.213	8.227	-0.014	97	8588	5.00	4.93	
105 Isopropylbenzene	105	8.285	8.285	0.000	95	61694	5.00	4.92	
106 Amyl acetate (mixed isomer)	43	8.636	8.650	-0.014	91	17813	5.00	4.75	
\$ 107 4-Bromofluorobenzene	174	8.657	8.657	0.000	97	198300	50.0	48.9	
108 Bromobenzene	156	8.758	8.772	-0.014	89	19820	5.00	4.91	
109 N-Propylbenzene	91	8.915	8.922	-0.007	100	67272	5.00	5.09	
110 1,1,2,2-Tetrachloroethane	83	9.066	9.073	-0.007	96	13910	5.00	4.99	
111 2-Chlorotoluene	91	9.087	9.094	-0.007	97	50038	5.00	4.90	
112 4-Ethyltoluene	105	9.109	9.116	-0.007	98	60820	5.00	4.97	
113 1,2,3-Trichloropropane	110	9.195	9.202	-0.007	95	4542	5.00	4.88	
114 1,3,5-Trimethylbenzene	105	9.266	9.273	-0.007	95	49935	5.00	4.89	
115 trans-1,4-Dichloro-2-buten	53	9.331	9.345	-0.014	88	2831	5.00	4.08	
116 4-Chlorotoluene	91	9.359	9.374	-0.015	96	46052	5.00	5.01	
117 tert-Butylbenzene	119	9.725	9.725	0.000	95	41339	5.00	5.00	
118 1,2,4-Trimethylbenzene	105	9.861	9.868	-0.007	97	52572	5.00	4.79	
119 Butyl Methacrylate	87	9.861	9.868	-0.007	89	18129	5.00	4.84	
120 sec-Butylbenzene	105	10.018	10.018	0.000	98	52295	5.00	4.93	
121 1,3-Dichlorobenzene	146	10.283	10.290	-0.007	97	34068	5.00	4.89	
122 4-Isopropyltoluene	119	10.298	10.290	0.008	98	48841	5.00	4.85	
* 123 1,4-Dichlorobenzene-d4	152	10.412	10.412	0.000	93	273685	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.434	10.434	0.000	96	36885	5.00	4.80	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	98	56947	5.00	4.98	
126 2,3-Dihydroindene	117	10.713	10.713	0.000	94	59660	5.00	4.96	
127 Benzyl chloride	126	10.892	10.906	-0.014	99	6364	5.00	5.11	
128 p-Diethylbenzene	119	10.914	10.921	-0.007	95	26142	5.00	4.96	
129 n-Butylbenzene	91	10.993	11.000	-0.007	97	37078	5.00	4.85	
130 1,2-Dichlorobenzene	146	11.107	11.114	-0.007	98	34346	5.00	4.93	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	98	46629	5.00	4.93	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	89	3210	5.00	4.80	
133 1,3,5-Trichlorobenzene	180	12.253	12.260	-0.007	96	19947	5.00	4.72	
134 1,2,4-Trichlorobenzene	180	12.934	12.941	-0.007	95	18701	5.00	4.66	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.948	12.955	-0.007	93	6515	5.00	4.63	
136 Naphthalene	128	13.235	13.242	-0.007	99	43367	5.00	4.67	
137 1,2,3-Trichlorobenzene	180	13.407	13.413	-0.006	96	17723	5.00	4.81	
S 138 1,2-Dichloroethene, Total	100				0		10.0	10.1	
S 139 1,3-Dichloropropene, Total	100				0		10.0	9.64	
S 140 Xylenes, Total	100				0		10.0	9.77	
S 142 Total BTEX	1				0		25.0	24.3	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00333	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 10.00	Units: uL	
ACROLEIN W_00095	Amount Added: 4.00	Units: uL	
524freon_00012	Amount Added: 10.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66301.D

Injection Date: 25-Sep-2019 13:02:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

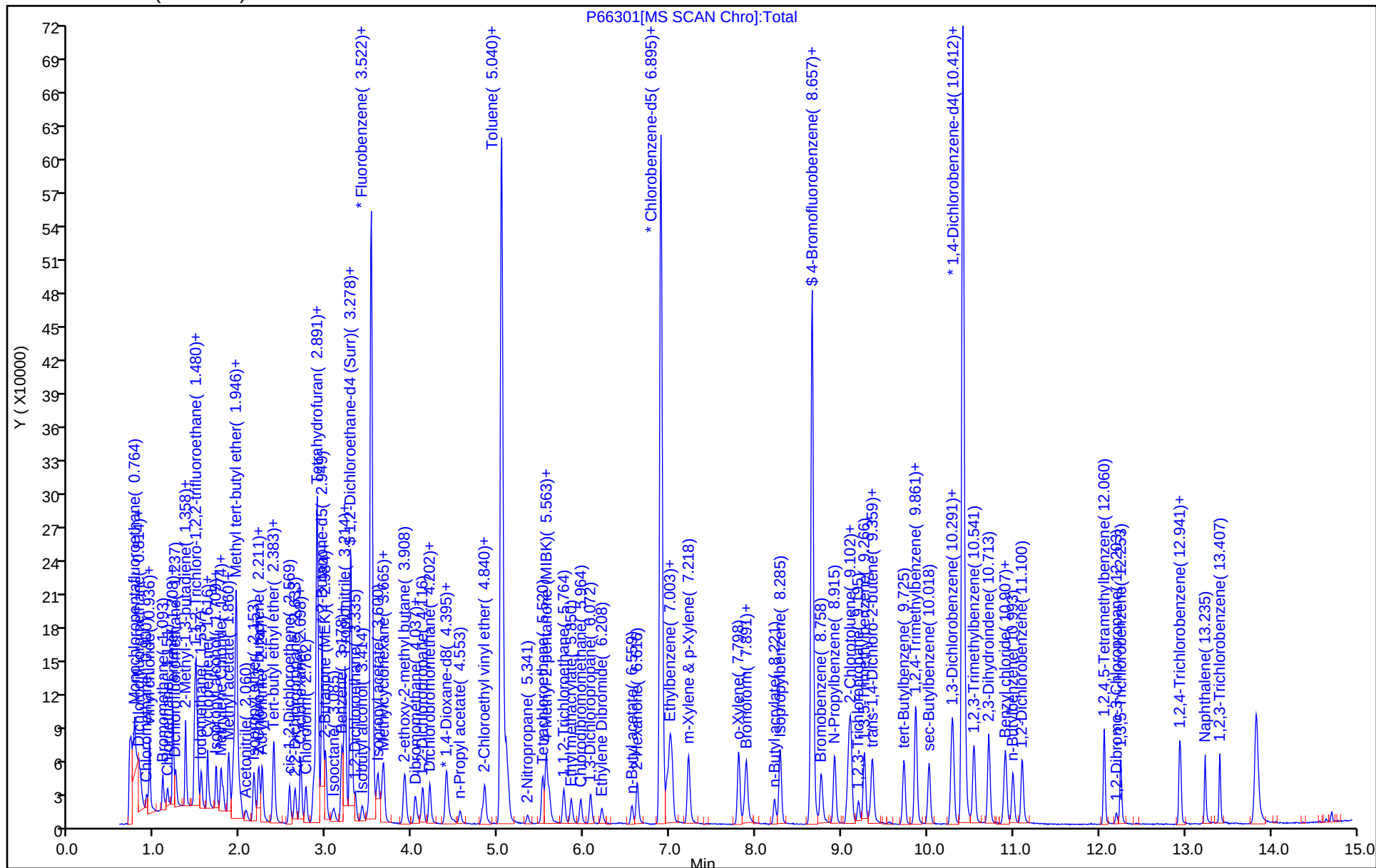
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66301.D

Injection Date: 25-Sep-2019 13:02:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

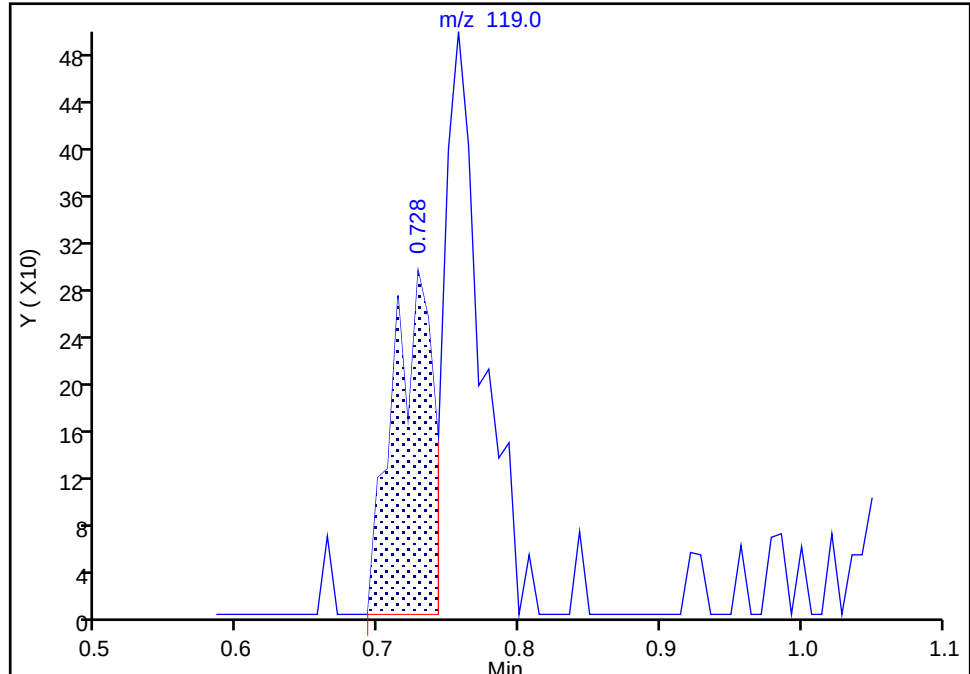
MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

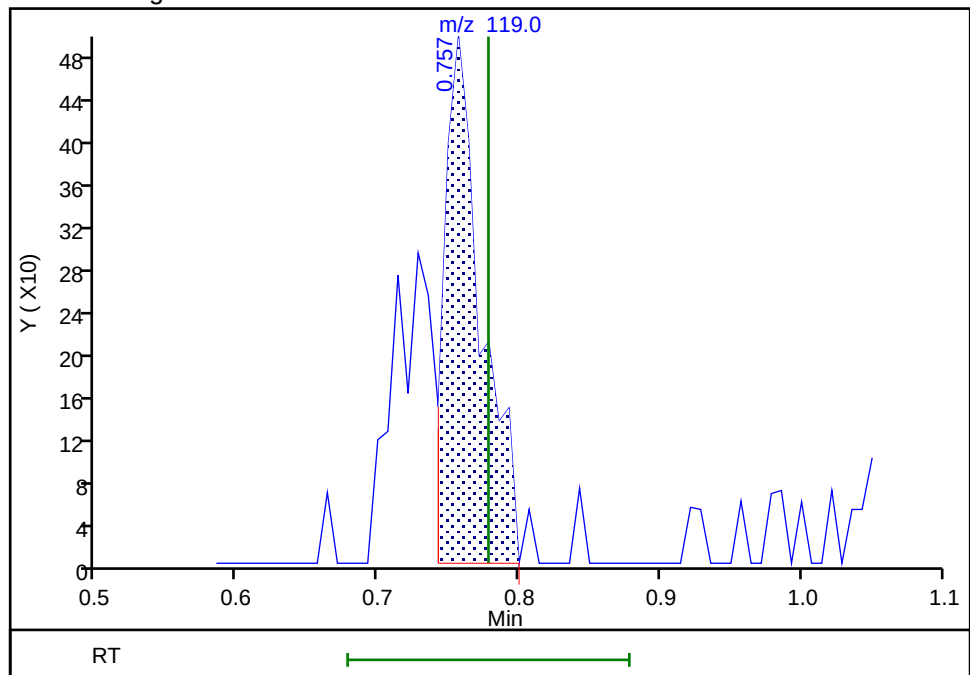
RT: 0.73
Area: 590
Amount: 0
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 917
Amount: 5.408323
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 12:38:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66301.D

Injection Date: 25-Sep-2019 13:02:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

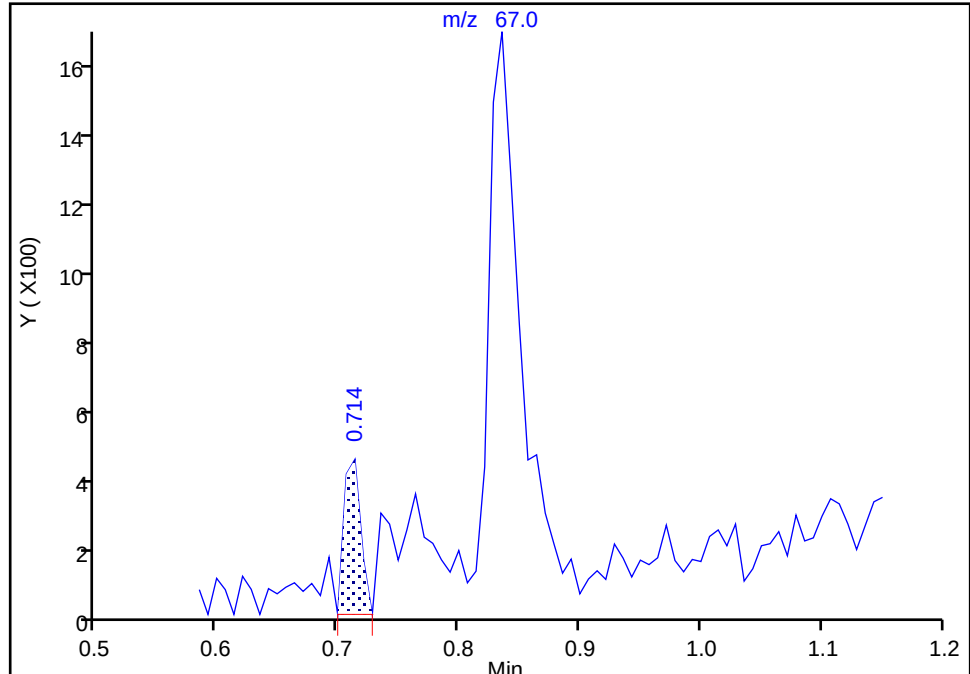
Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

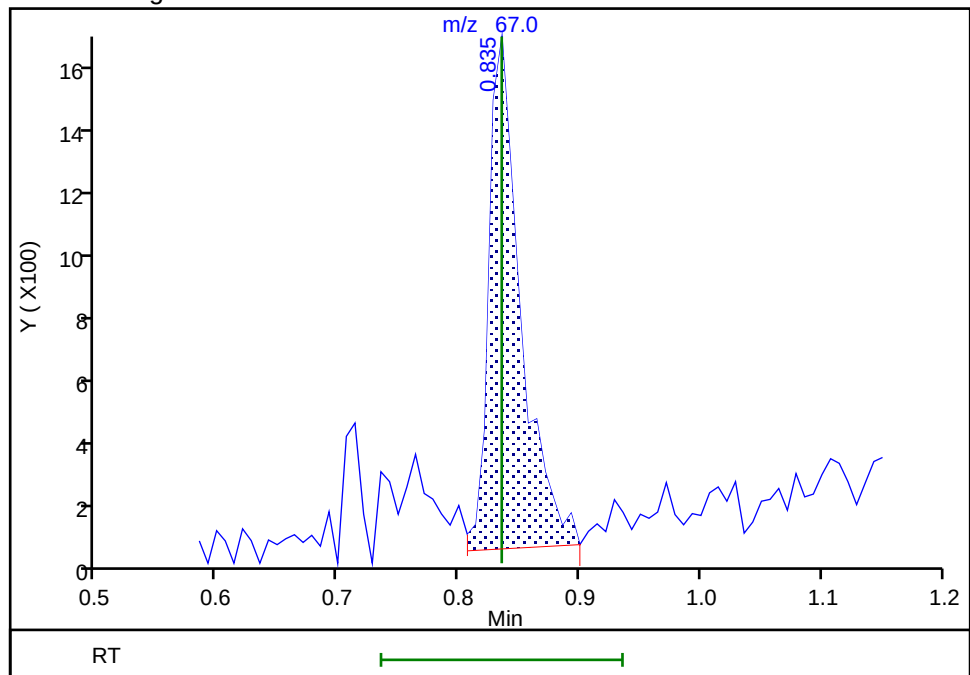
RT: 0.71
Area: 438
Amount: 0.451605
Amount Units: ug/l

Processing Integration Results



RT: 0.84
Area: 3022
Amount: 5.345584
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 12:37:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66301.D

Injection Date: 25-Sep-2019 13:02:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

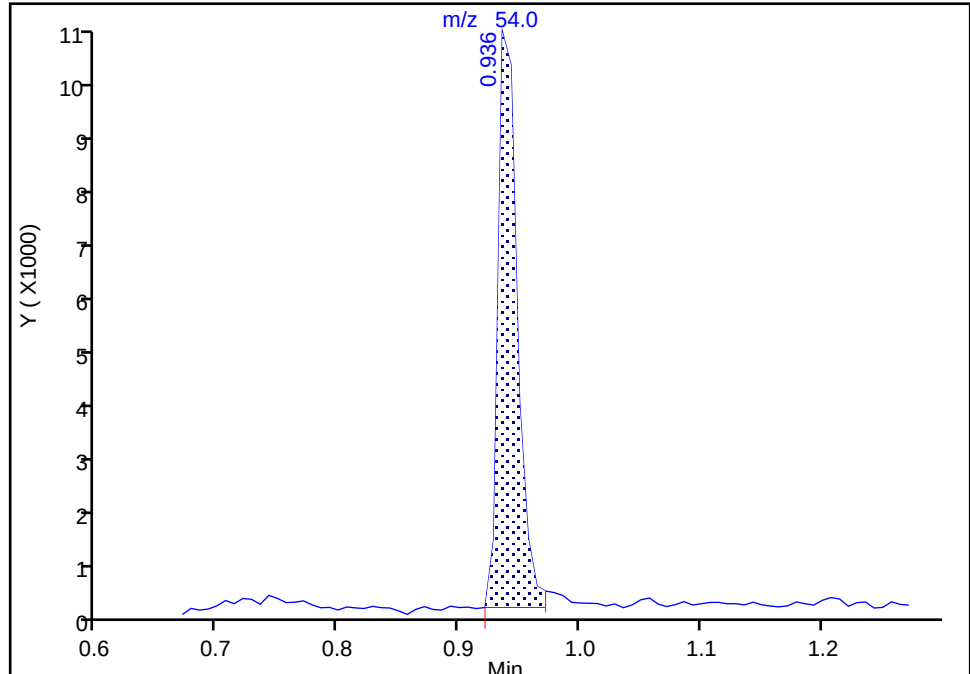
Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

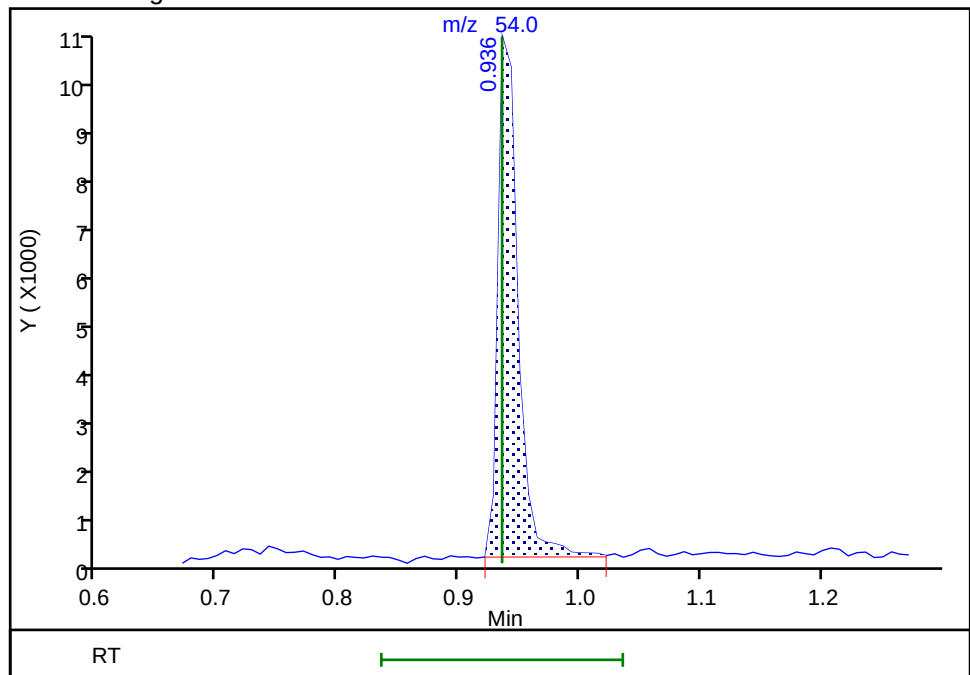
RT: 0.94
Area: 11226
Amount: 5.182770
Amount Units: ug/l

Processing Integration Results



RT: 0.94
Area: 11568
Amount: 4.907933
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 16:28:34

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66301.D

Injection Date: 25-Sep-2019 13:02:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

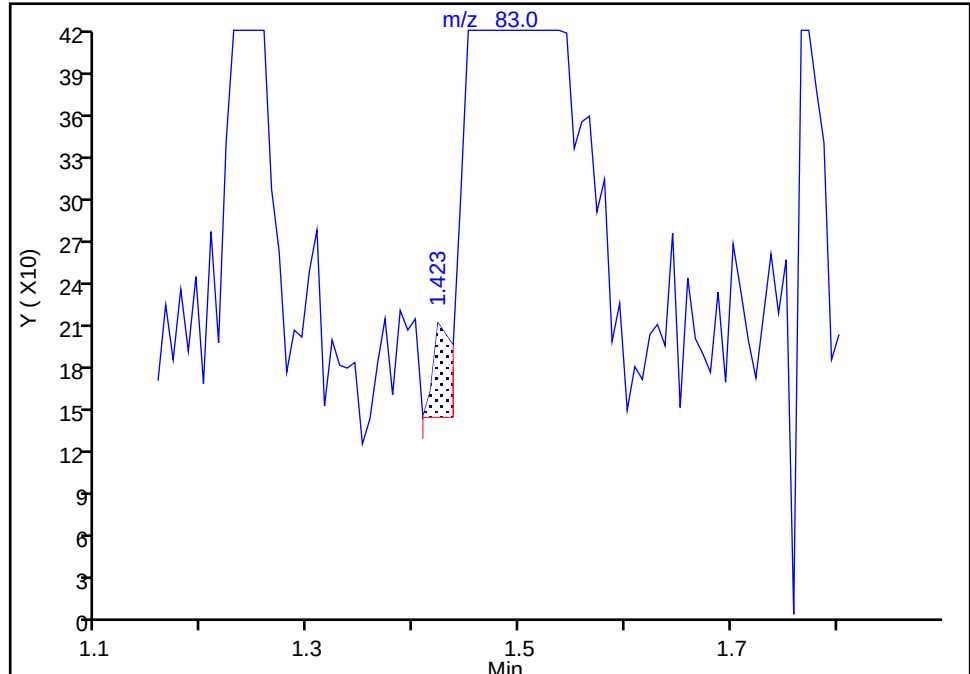
MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

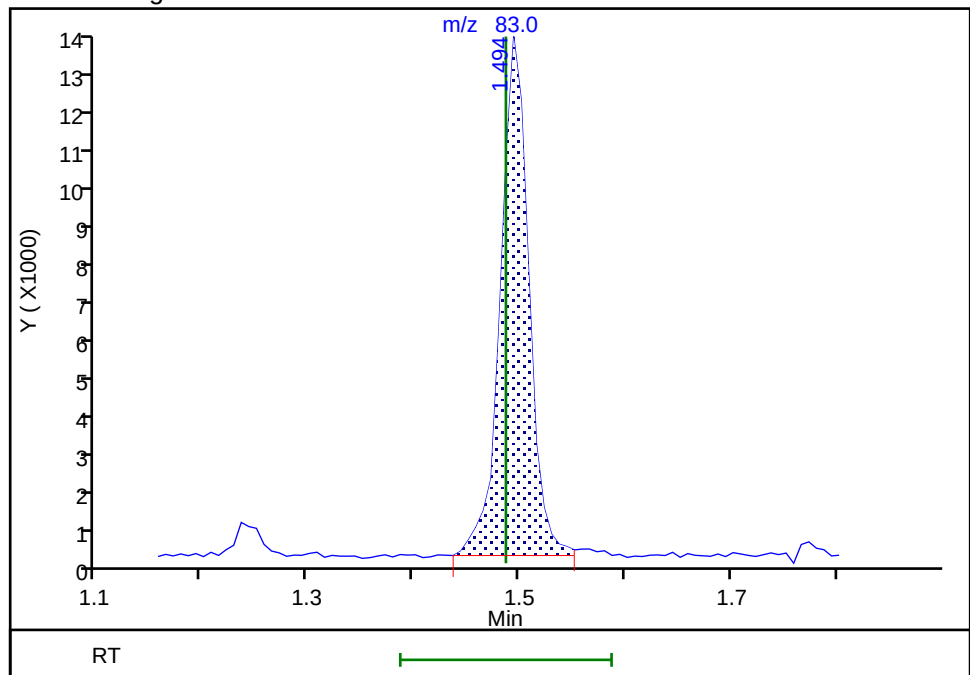
RT: 1.42
Area: 84
Amount: 0
Amount Units: ug/l

Processing Integration Results



RT: 1.49
Area: 23955
Amount: 5.307701
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 12:42:06

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66301.D

Injection Date: 25-Sep-2019 13:02:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

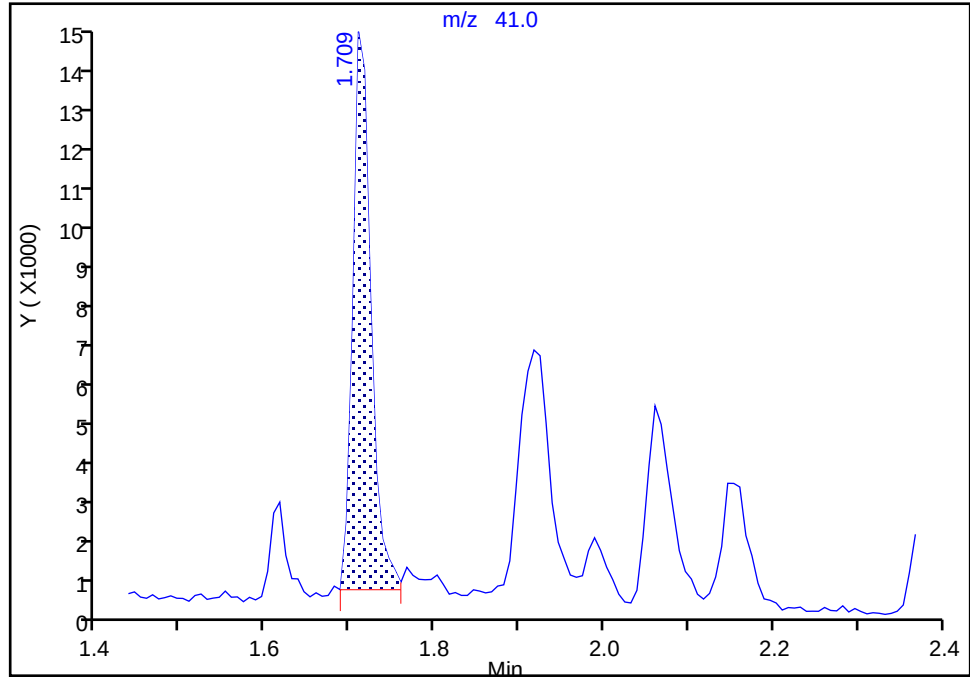
Detector: MS SCAN

35 Acetonitrile, CAS: 75-05-8

Signal: 1

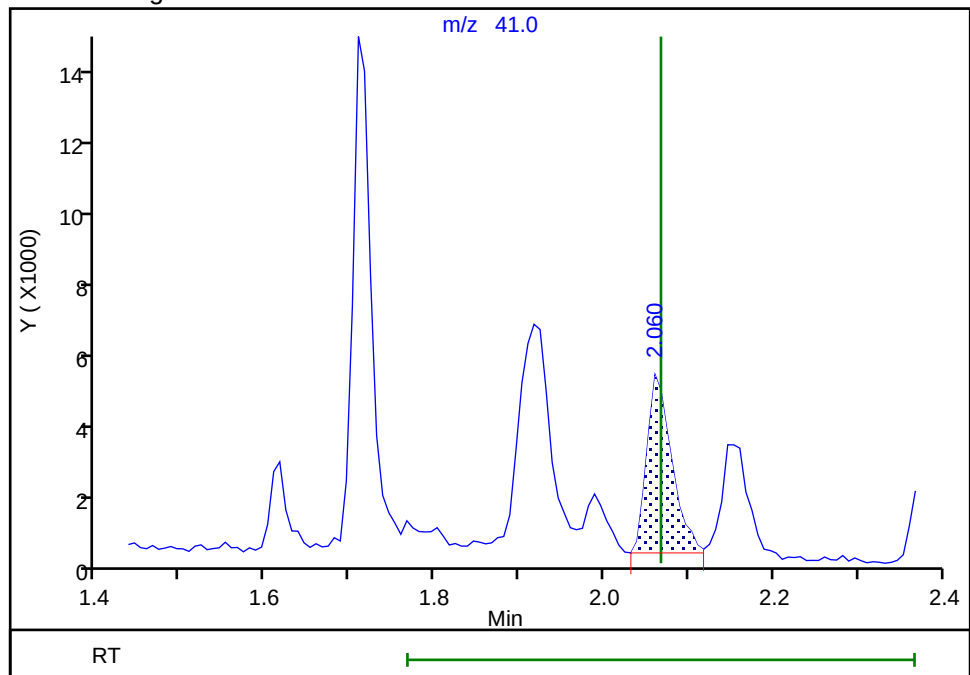
RT: 1.71
Area: 20131
Amount: 46.331919
Amount Units: ug/l

Processing Integration Results



RT: 2.06
Area: 9823
Amount: 47.383058
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 12:43:15

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66301.D

Injection Date: 25-Sep-2019 13:02:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

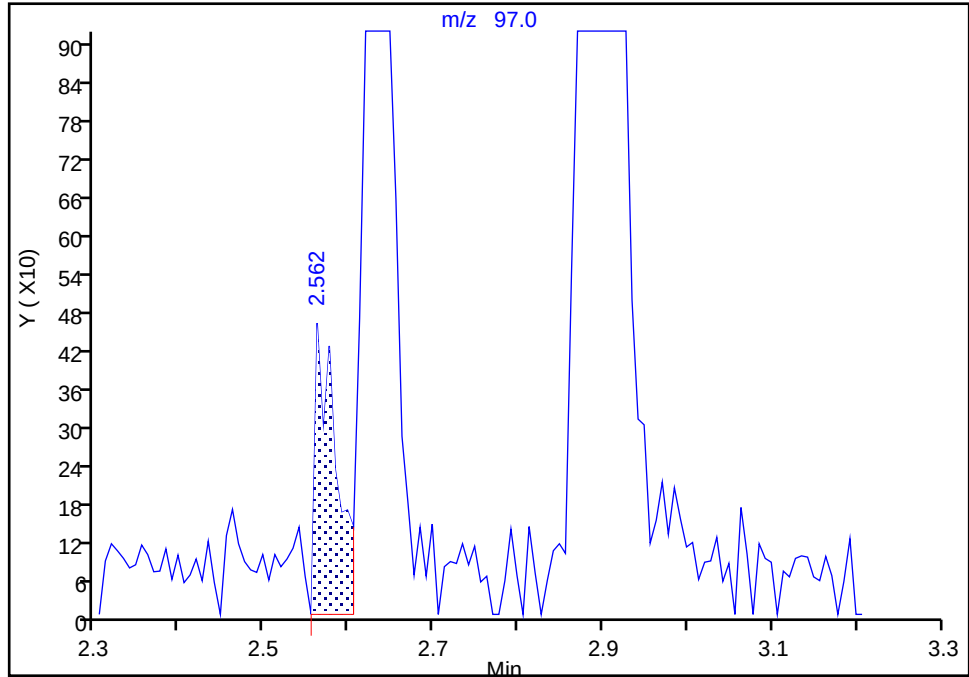
Detector MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

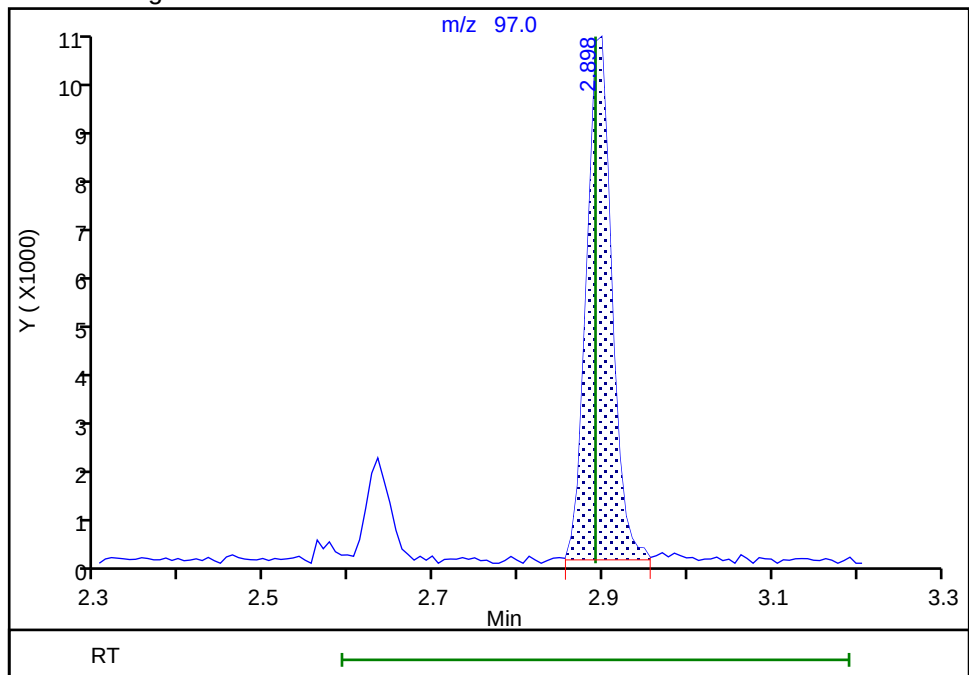
RT: 2.56
Area: 797
Amount: 3.668218
Amount Units: ug/l

Processing Integration Results



RT: 2.90
Area: 21312
Amount: 4.817868
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 12:44:51

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66301.D

Injection Date: 25-Sep-2019 13:02:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

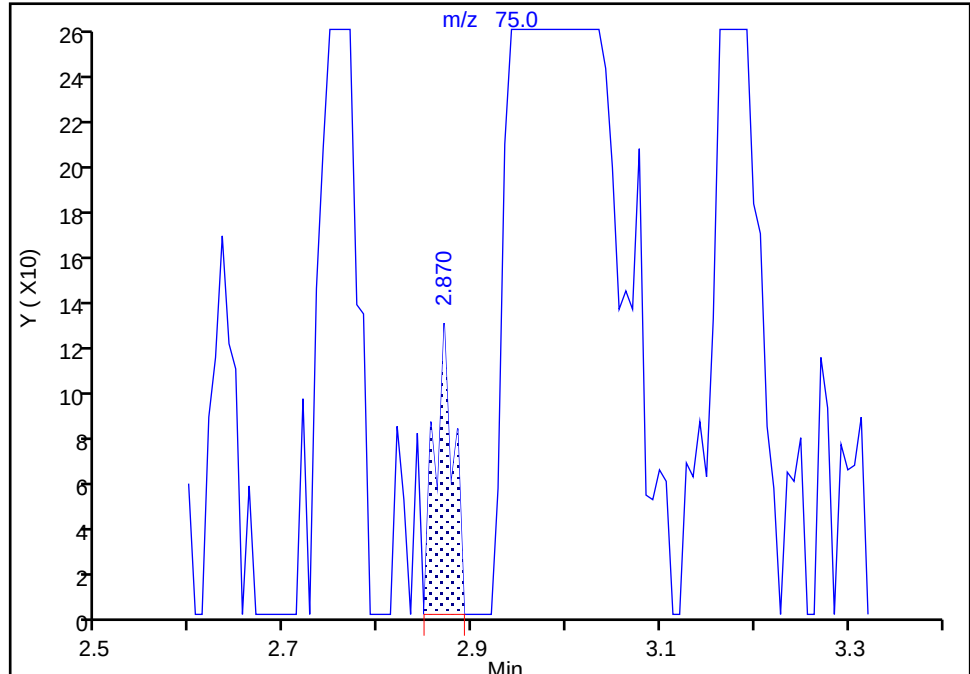
MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

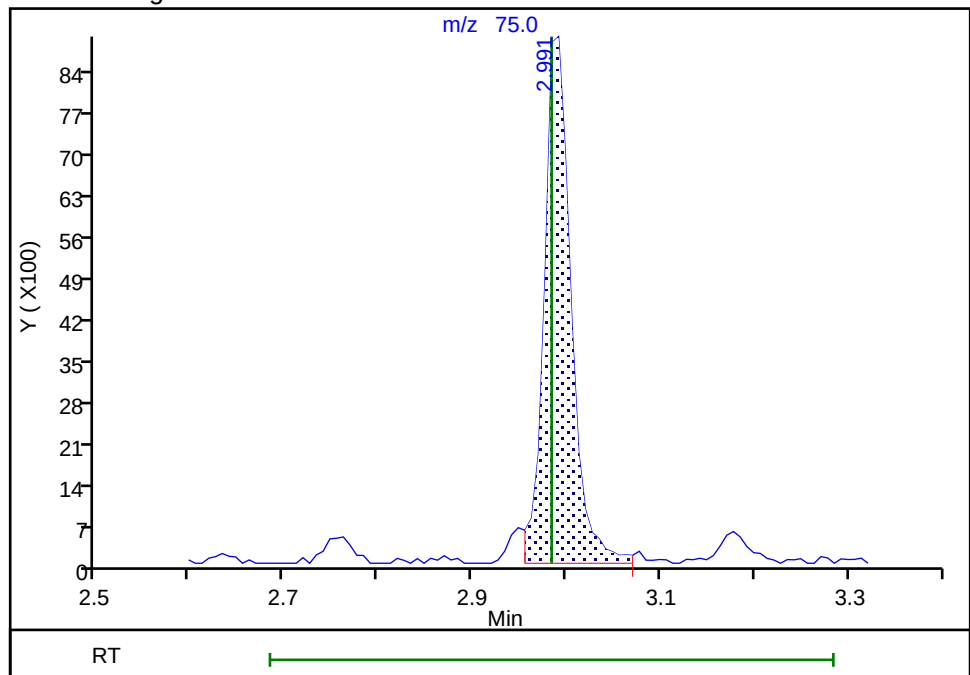
RT: 2.87
Area: 172
Amount: 0.205686
Amount Units: ug/l

Processing Integration Results



RT: 2.99
Area: 17758
Amount: 4.779983
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 12:45:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66301.D

Injection Date: 25-Sep-2019 13:02:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

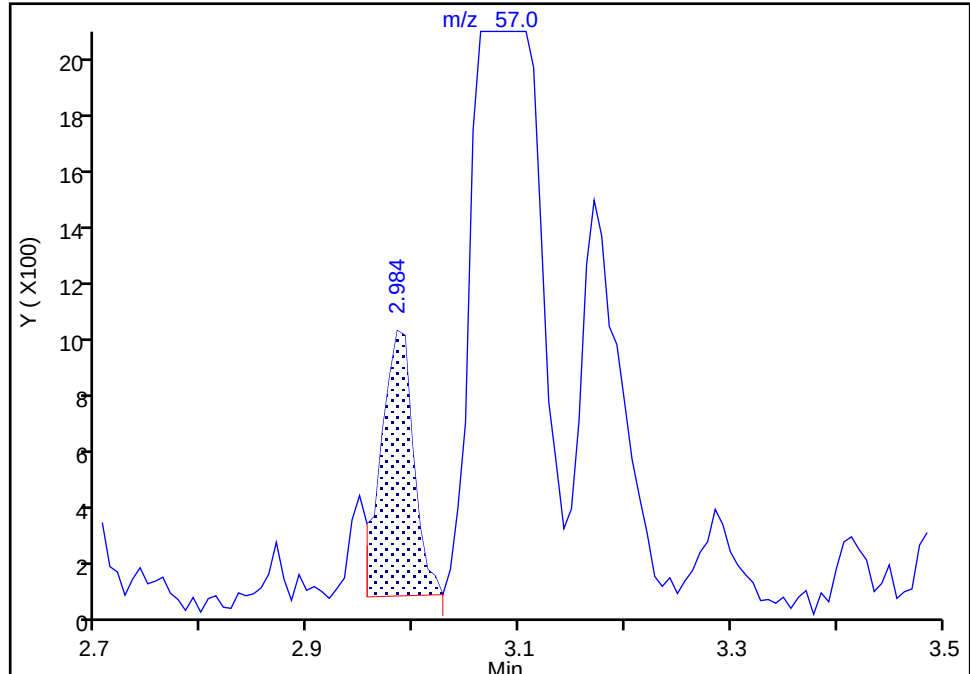
Detector: MS SCAN

57 n-Heptane, CAS: 142-82-5

Signal: 1

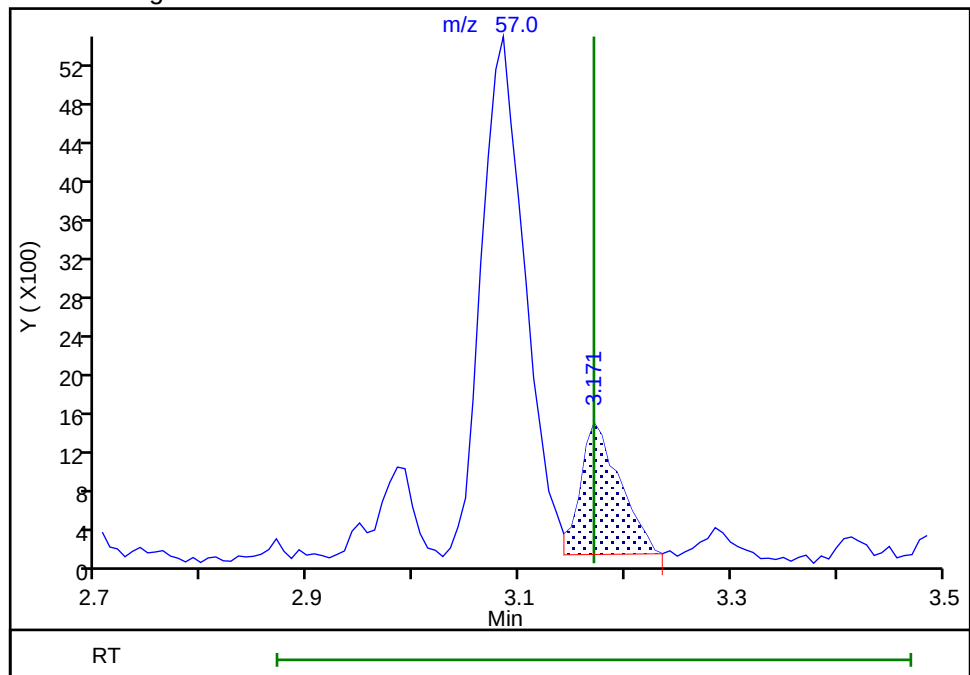
RT: 2.98
Area: 1989
Amount: 5.078587
Amount Units: ug/l

Processing Integration Results



RT: 3.17
Area: 3526
Amount: 4.644919
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 12:49:02

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66301.D

Injection Date: 25-Sep-2019 13:02:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

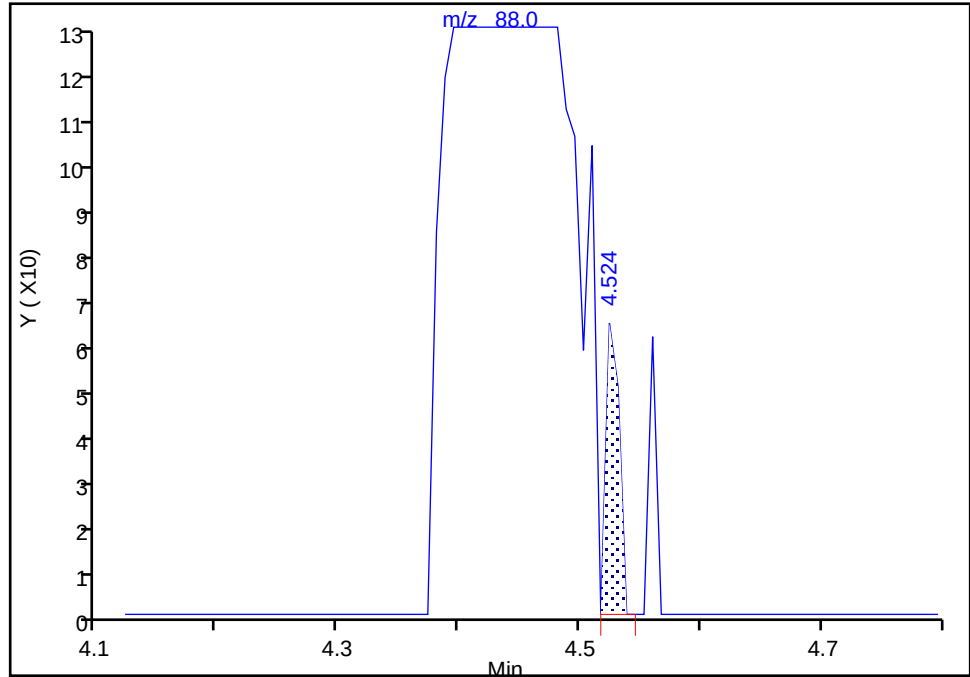
Detector: MS SCAN

78 1,4-Dioxane, CAS: 123-91-1

Signal: 1

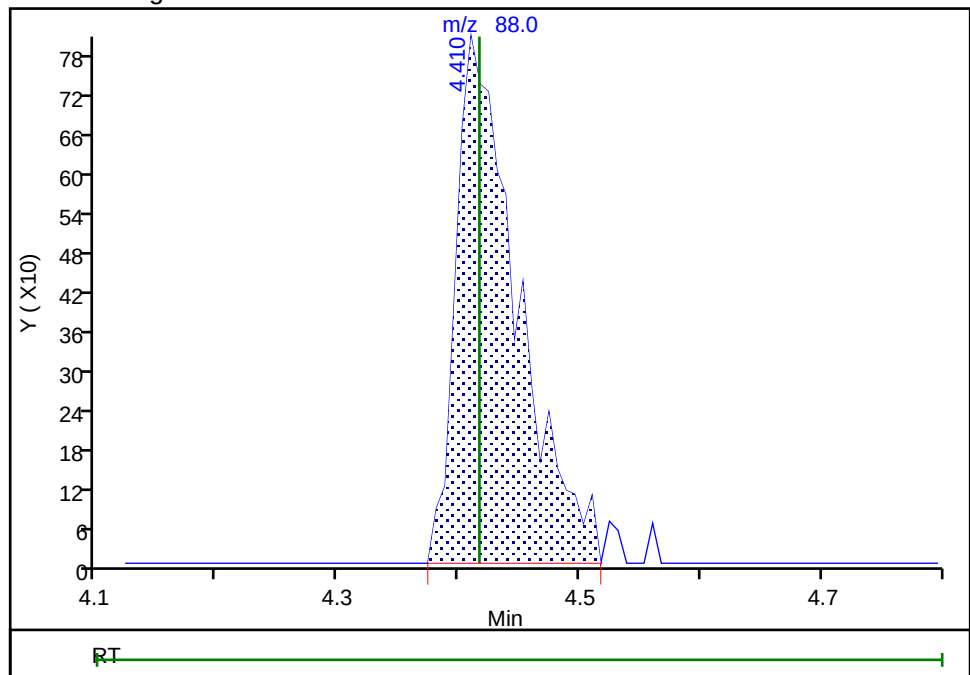
RT: 4.52
Area: 49
Amount: 15.276690
Amount Units: ug/l

Processing Integration Results



RT: 4.41
Area: 2836
Amount: 108.0529
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 12:50:58

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66302.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 25-Sep-2019 13:27:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0098145-006
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 25-Sep-2019 17:40:02 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0320

First Level Reviewer: pakanatir

Date: 25-Sep-2019 13:02:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.756	0.756	0.000	35	1827	20.0	10.6	Ma
2 Chlorotrifluoroethene	116	0.792	0.792	0.000	85	20409	20.0	18.2	
3 Dichlorodifluoromethane	85	0.807	0.807	0.000	99	59274	20.0	16.0	
4 1,1-Difluoroethane	65	0.821	0.821	0.000	98	24766	20.0	19.6	
5 Chlorodifluoromethane	67	0.835	0.835	0.000	97	9472	20.0	16.5	a
6 Chloromethane	50	0.907	0.907	0.000	99	54199	20.0	23.4	
8 Butadiene	54	0.936	0.936	0.000	97	47533	20.0	20.1	
7 Vinyl chloride	62	0.936	0.936	0.000	93	64158	20.0	21.0	
9 Bromomethane	94	1.093	1.093	0.000	98	66782	20.0	23.1	
10 Chloroethane	64	1.143	1.143	0.000	99	54204	20.0	22.2	
11 Pentane	72	1.208	1.208	0.000	96	16980	40.0	32.5	
12 Trichlorofluoromethane	101	1.215	1.215	0.000	97	97671	20.0	19.0	
13 Dichlorofluoromethane	67	1.244	1.244	0.000	98	109221	20.0	20.6	
14 2-Methyl-1,3-butadiene	67	1.358	1.358	0.000	97	71408	20.0	19.0	
15 Ethyl ether	59	1.358	1.358	0.000	92	46052	20.0	19.5	
16 Ethanol	46	1.444	1.444	0.000	100	9509	800.0	820.5	M
18 1,2-Dichloro-1,1,2-trifluo	67	1.466	1.466	0.000	75	72474	20.0	17.2	
17 1,1-Dichloroethene	96	1.466	1.466	0.000	97	58940	20.0	18.9	
20 1,1,2-Trichloro-1,2,2-trif	101	1.480	1.480	0.000	83	51674	20.0	17.9	
19 Carbon disulfide	76	1.480	1.480	0.000	100	195906	20.0	19.4	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.494	1.494	0.000	93	82169	20.0	17.9	a
22 Iodomethane	142	1.537	1.537	0.000	98	135815	20.0	21.8	
23 Cyclopentene	67	1.616	1.616	0.000	97	127743	20.0	19.3	
24 Acrolein	56	1.637	1.637	0.000	92	7192	40.0	37.2	
25 3-Chloro-1-propene	76	1.709	1.709	0.000	86	37451	20.0	20.1	
26 Isopropyl alcohol	45	1.738	1.738	0.000	96	27554	200.0	179.7	
27 Methylene Chloride	84	1.774	1.774	0.000	88	70269	20.0	20.0	
28 Acetone	43	1.795	1.795	0.000	86	62004	100.0	103.6	
29 trans-1,2-Dichloroethene	96	1.860	1.860	0.000	92	70945	20.0	20.6	
30 Methyl acetate	43	1.867	1.867	0.000	98	61291	40.0	44.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.910	1.910	0.000	81	9411	20.0	18.5	
32 Methyl tert-butyl ether	73	1.924	1.924	0.000	97	182822	20.0	20.4	
* 33 TBA-d9 (IS)	65	1.953	1.953	0.000	0	225713	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.996	1.996	0.000	98	47507	200.0	211.1	
35 Acetonitrile	41	2.060	2.060	0.000	98	41364	200.0	200.3	
36 Isopropyl ether	45	2.153	2.153	0.000	93	155791	20.0	20.7	
37 2-Chloro-1,3-butadiene	88	2.203	2.203	0.000	90	50291	20.0	19.9	
38 1,1-Dichloroethane	63	2.218	2.218	0.000	99	92803	20.0	20.0	
39 Acrylonitrile	53	2.246	2.246	0.000	93	149654	200.0	209.6	
40 Tert-butyl ethyl ether	59	2.382	2.382	0.000	91	160602	20.0	20.3	
41 Vinyl acetate	43	2.382	2.382	0.000	99	199371	40.0	40.7	
42 cis-1,2-Dichloroethene	96	2.569	2.569	0.000	96	63927	20.0	20.5	
43 2,2-Dichloropropane	77	2.633	2.633	0.000	96	76314	20.0	20.0	
44 Cyclohexane	56	2.698	2.698	0.000	86	56046	20.0	18.2	
45 Chlorobromomethane	128	2.698	2.698	0.000	77	35155	20.0	19.7	
46 Chloroform	83	2.762	2.762	0.000	99	99394	20.0	20.3	
47 Carbon tetrachloride	117	2.848	2.848	0.000	97	78049	20.0	19.7	
48 Ethyl acetate	70	2.862	2.862	0.000	97	10397	40.0	40.9	
49 Methyl acrylate	55	2.862	2.862	0.000	59	36929	20.0	19.7	
50 Tetrahydrofuran	42	2.870	2.870	0.000	95	31565	40.0	38.4	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.891	0.000	97	149147	50.0	49.6	
52 1,1,1-Trichloroethane	97	2.891	2.891	0.000	96	88435	20.0	19.7	
* 53 2-Butanone-d5	46	2.948	2.948	0.000	0	196924	250.0	250.0	
54 2-Butanone (MEK)	72	2.984	2.984	0.000	99	26796	100.0	94.5	
55 1,1-Dichloropropene	75	2.991	2.991	0.000	94	72234	20.0	19.1	
56 Isooctane	57	3.084	3.084	0.000	97	64670	20.0	17.8	
57 n-Heptane	57	3.178	3.178	0.000	45	15483	20.0	20.1	a
58 Benzene	78	3.178	3.178	0.000	96	220783	20.0	20.2	
59 Propionitrile	54	3.199	3.199	0.000	99	52762	200.0	196.9	
60 Methacrylonitrile	67	3.213	3.213	0.000	91	186952	200.0	206.3	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.278	3.278	0.000	0	146990	50.0	49.6	
62 Tert-amyl methyl ether	73	3.292	3.292	0.000	98	156368	20.0	20.6	
63 1,2-Dichloroethane	62	3.335	3.335	0.000	97	69877	20.0	19.0	
64 Isobutyl alcohol	43	3.414	3.414	0.000	99	35705	500.0	473.7	
65 t-Amyl alcohol	59	3.486	3.486	0.000	97	31983	200.0	210.2	
* 66 Fluorobenzene	96	3.521	3.521	0.000	99	589841	50.0	50.0	
67 Isopropyl acetate	43	3.586	3.586	0.000	99	81864	20.0	20.1	
68 Methylcyclohexane	83	3.643	3.643	0.000	91	50990	20.0	17.6	
69 Trichloroethene	130	3.665	3.665	0.000	94	70292	20.0	20.0	
70 2-ethoxy-2-methyl butane	59	3.908	3.908	0.000	96	129408	20.0	20.9	
71 Dibromomethane	93	4.030	4.030	0.000	91	35922	20.0	20.6	
72 n-Butanol	56	4.044	4.044	0.000	89	25690	500.0	563.4	
73 1,2-Dichloropropane	63	4.116	4.116	0.000	86	51234	20.0	19.6	
75 Dichlorobromomethane	83	4.202	4.202	0.000	98	72806	20.0	19.6	
74 Ethyl acrylate	55	4.202	4.202	0.000	73	53646	20.0	19.4	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	23189	1000.0	1000.0	
77 Methyl methacrylate	100	4.395	4.395	0.000	84	31596	40.0	43.1	
78 1,4-Dioxane	88	4.424	4.424	0.000	89	10711	400.0	396.0	
79 n-Propyl acetate	43	4.553	4.553	0.000	97	53990	20.0	20.3	
80 2-Chloroethyl vinyl ether	63	4.811	4.811	0.000	95	30299	20.0	20.2	
81 cis-1,3-Dichloropropene	75	4.839	4.839	0.000	93	88537	20.0	20.8	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.040	0.000	99	567687	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
83 Toluene	91	5.090	5.090	0.000	93	257105	20.0	20.1	
84 Epichlorohydrin	57	5.119	5.119	0.000	99	76509	400.0	431.4	
85 2-Nitropropane	41	5.341	5.341	0.000	100	23827	40.0	38.6	
86 Tetrachloroethene	166	5.520	5.520	0.000	98	68140	20.0	20.3	
87 4-Methyl-2-pentanone (MIBK)	43	5.556	5.556	0.000	96	192424	100.0	102.2	
88 trans-1,3-Dichloropropene	75	5.591	5.591	0.000	97	79262	20.0	21.0	
89 1,1,2-Trichloroethane	83	5.763	5.763	0.000	94	40159	20.0	21.3	
90 Ethyl methacrylate	69	5.849	5.849	0.000	87	62863	20.0	20.1	
91 Chlorodibromomethane	129	5.957	5.957	0.000	97	62670	20.0	20.6	
92 1,3-Dichloropropane	76	6.071	6.071	0.000	92	79543	20.0	21.1	
93 Ethylene Dibromide	107	6.200	6.200	0.000	99	53620	20.0	22.0	
94 n-Butyl acetate	43	6.551	6.551	0.000	98	60337	20.0	20.0	
95 2-Hexanone	43	6.616	6.616	0.000	94	132297	100.0	102.7	
* 96 Chlorobenzene-d5	117	6.895	6.895	0.000	84	477383	50.0	50.0	
97 Chlorobenzene	112	6.917	6.917	0.000	98	178879	20.0	20.4	
98 Ethylbenzene	106	6.995	6.995	0.000	98	93041	20.0	20.0	
99 1,1,1,2-Tetrachloroethane	131	7.024	7.024	0.000	94	65600	20.0	20.6	
100 m-Xylene & p-Xylene	106	7.217	7.217	0.000	0	114564	20.0	20.2	
101 o-Xylene	106	7.798	7.798	0.000	95	111786	20.0	20.7	
102 Bromoform	173	7.862	7.862	0.000	96	40100	20.0	22.7	
103 Styrene	104	7.884	7.884	0.000	98	186045	20.0	20.8	
104 n-Butyl acrylate	73	8.213	8.213	0.000	97	37758	20.0	21.5	
105 Isopropylbenzene	105	8.285	8.285	0.000	94	258947	20.0	20.5	
106 Amyl acetate (mixed isomer)	43	8.629	8.629	0.000	91	76045	20.0	19.6	
\$ 107 4-Bromofluorobenzene	174	8.657	8.657	0.000	97	209380	50.0	51.2	
108 Bromobenzene	156	8.765	8.765	0.000	86	86416	20.0	20.7	
109 N-Propylbenzene	91	8.915	8.915	0.000	100	279631	20.0	20.5	
110 1,1,2,2-Tetrachloroethane	83	9.066	9.066	0.000	97	57388	20.0	19.9	
111 2-Chlorotoluene	91	9.087	9.087	0.000	97	210144	20.0	19.9	
112 4-Ethyltoluene	105	9.109	9.109	0.000	98	260246	20.0	20.5	
113 1,2,3-Trichloropropane	110	9.194	9.194	0.000	95	19438	20.0	20.2	
114 1,3,5-Trimethylbenzene	105	9.266	9.266	0.000	94	216905	20.0	20.5	
115 trans-1,4-Dichloro-2-buten	53	9.323	9.323	0.000	91	14548	20.0	20.3	
116 4-Chlorotoluene	91	9.352	9.352	0.000	96	197665	20.0	20.8	
117 tert-Butylbenzene	119	9.725	9.725	0.000	96	175544	20.0	20.5	
118 1,2,4-Trimethylbenzene	105	9.861	9.861	0.000	97	228642	20.0	20.1	
119 Butyl Methacrylate	87	9.868	9.868	0.000	92	80463	20.0	20.8	
120 sec-Butylbenzene	105	10.018	10.018	0.000	99	222383	20.0	20.3	
121 1,3-Dichlorobenzene	146	10.276	10.276	0.000	98	150590	20.0	20.9	
122 4-Isopropyltoluene	119	10.298	10.298	0.000	98	207971	20.0	20.0	
* 123 1,4-Dichlorobenzene-d4	152	10.412	10.412	0.000	93	283140	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.434	10.434	0.000	96	155113	20.0	19.5	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	97	244833	20.0	20.7	
126 2,3-Dihydroindene	117	10.713	10.713	0.000	94	261276	20.0	21.0	
127 Benzyl chloride	126	10.892	10.892	0.000	98	26463	20.0	20.5	
128 p-Diethylbenzene	119	10.906	10.906	0.000	96	111248	20.0	20.4	
129 n-Butylbenzene	91	10.992	10.992	0.000	97	157164	20.0	19.9	
130 1,2-Dichlorobenzene	146	11.100	11.100	0.000	98	151309	20.0	21.0	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	98	204958	20.0	20.9	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	92	13838	20.0	19.4	
133 1,3,5-Trichlorobenzene	180	12.246	12.246	0.000	97	90498	20.0	20.7	
134 1,2,4-Trichlorobenzene	180	12.934	12.934	0.000	94	85522	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.948	12.948	0.000	93	26856	20.0	18.4	
136 Naphthalene	128	13.234	13.234	0.000	99	193968	20.0	20.2	
137 1,2,3-Trichlorobenzene	180	13.406	13.406	0.000	96	76227	20.0	20.0	
S 138 1,2-Dichloroethene, Total	100				0		40.0	41.1	
S 139 1,3-Dichloropropene, Total	100				0		40.0	41.9	
S 140 Xylenes, Total	100				0		40.0	40.9	
S 142 Total BTEX	1				0		100.0	101.2	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00333	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 20.00	Units: uL	
ACROLEIN W_00095	Amount Added: 4.00	Units: uL	
524freon_00012	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66302.D

Injection Date: 25-Sep-2019 13:27:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD20

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

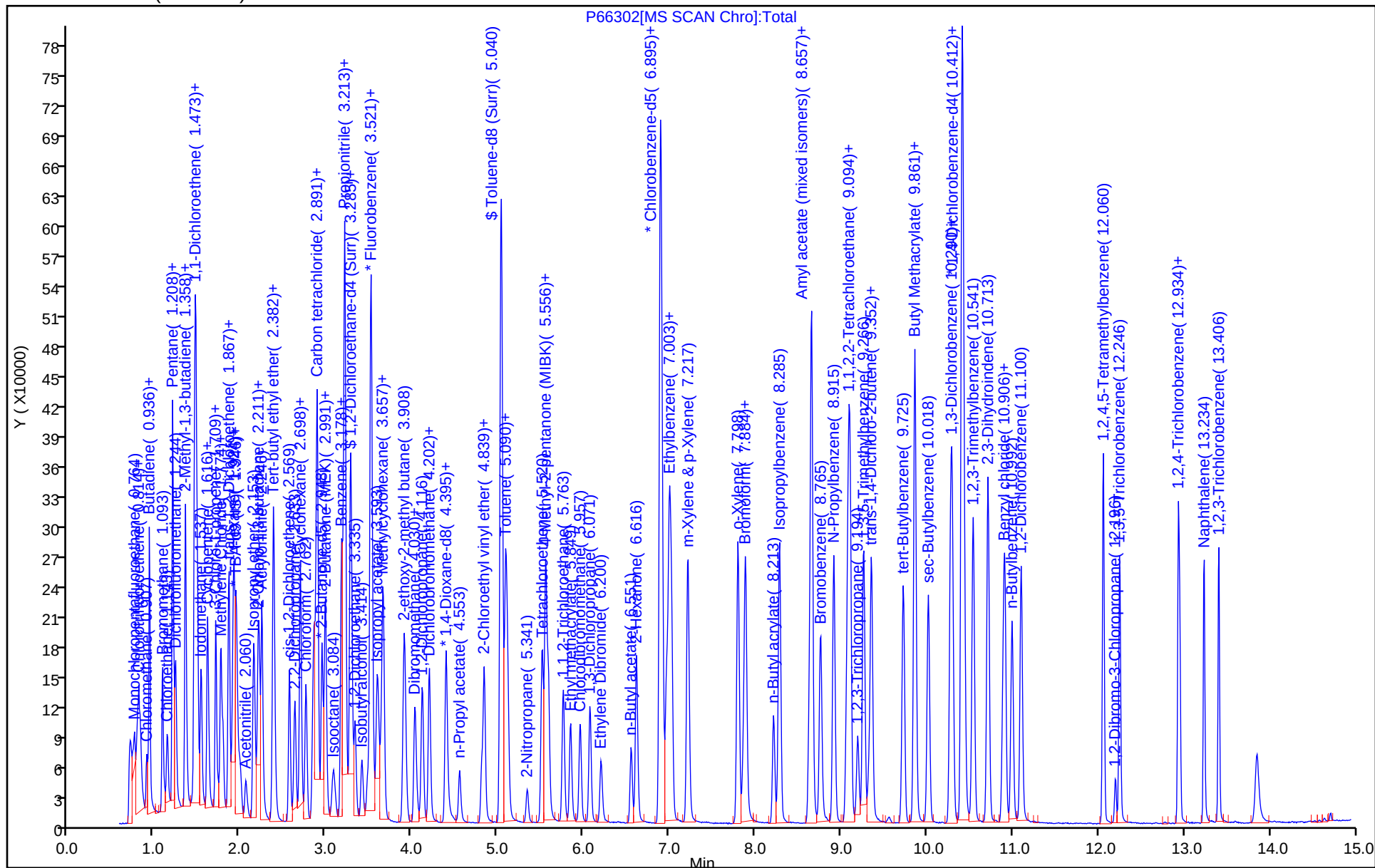
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66302.D

Injection Date: 25-Sep-2019 13:27:30

Instrument ID: CVOAMS13

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

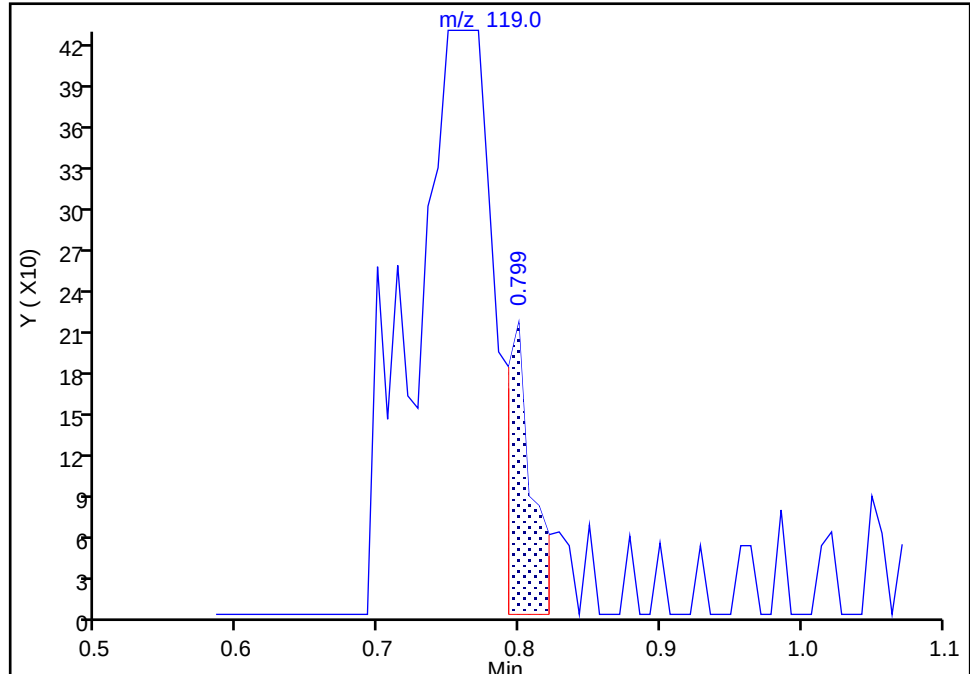
MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

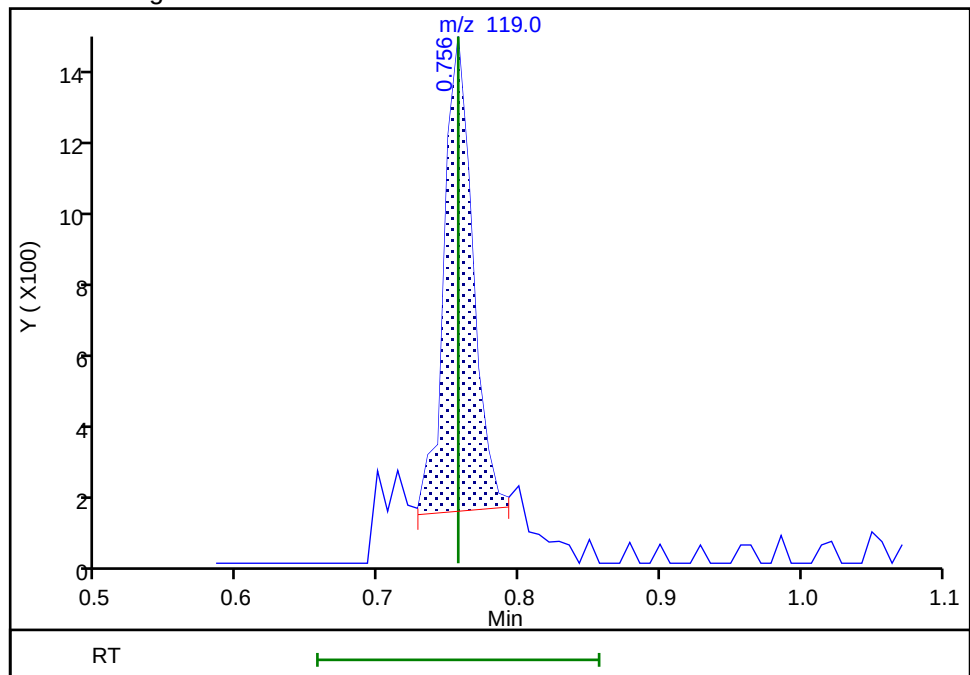
RT: 0.80
Area: 264
Amount: 0.928312
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 1827
Amount: 10.612536
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 16:52:20

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66302.D

Injection Date: 25-Sep-2019 13:27:30

Instrument ID: CVOAMS13

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

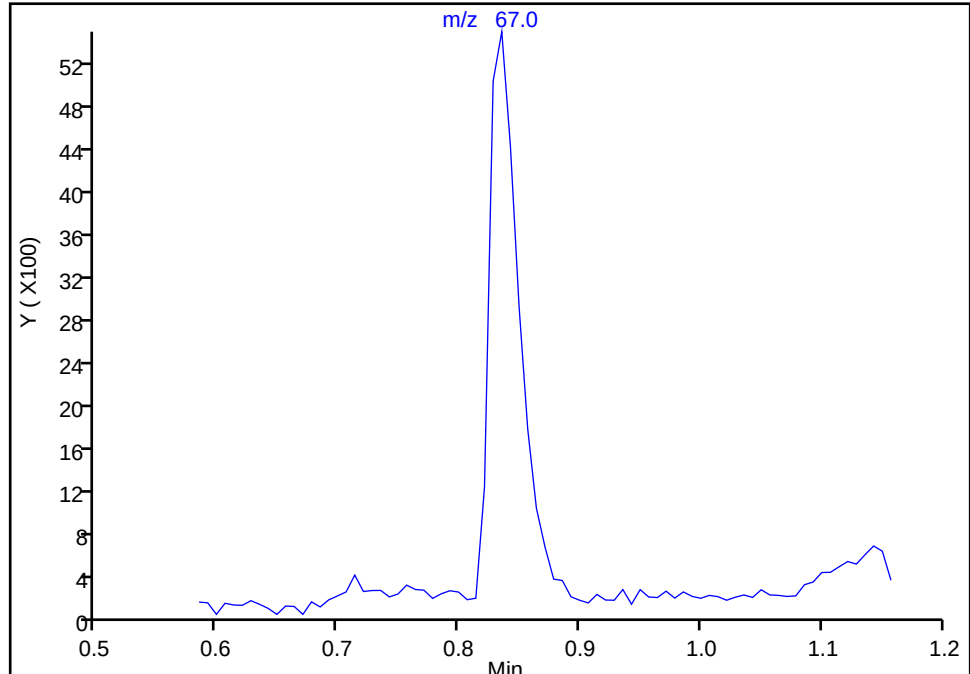
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

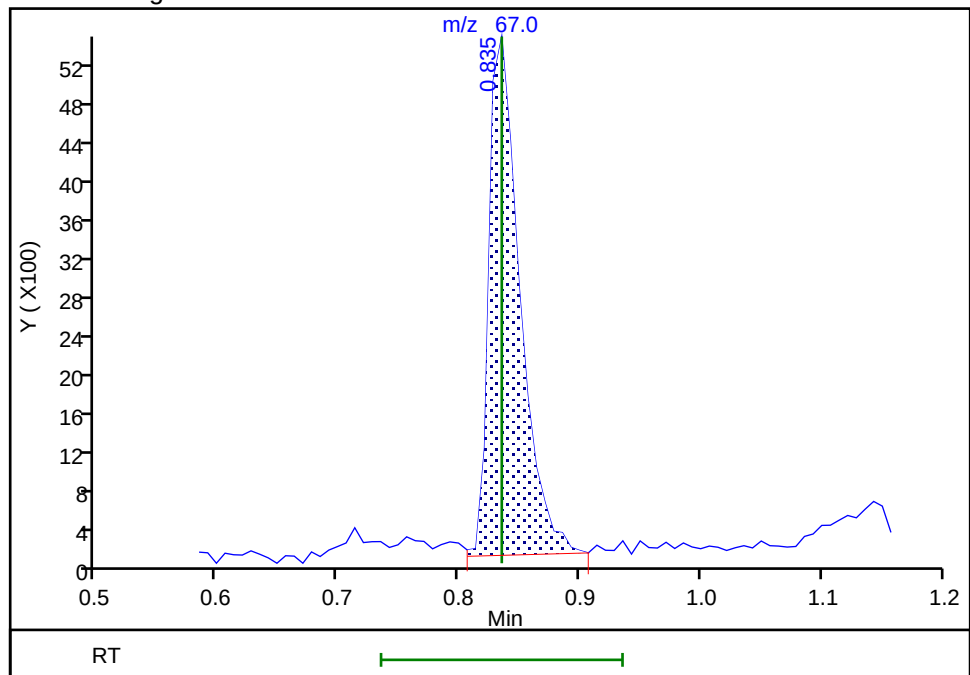
Not Detected

Expected RT: 0.84

Processing Integration Results



Manual Integration Results



RT: 0.84

Area: 9472

Amount: 16.501741

Amount Units: ug/l

Reviewer: pakanatir, 25-Sep-2019 12:57:18

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66302.D

Injection Date: 25-Sep-2019 13:27:30

Instrument ID: CVOAMS13

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

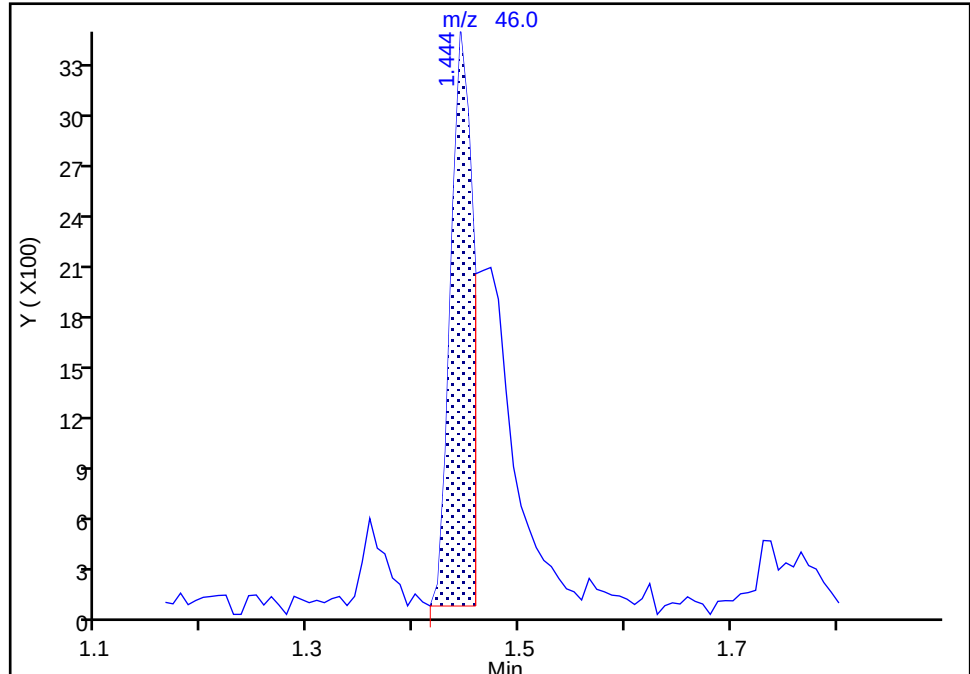
Detector: MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

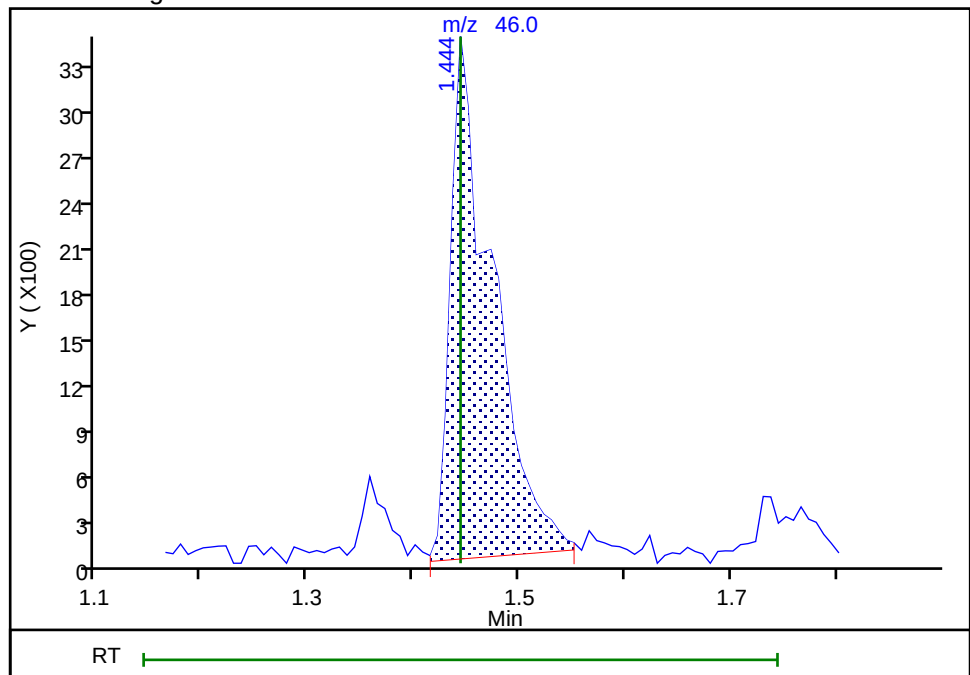
RT: 1.44
Area: 5091
Amount: 799.6572
Amount Units: ug/l

Processing Integration Results



RT: 1.44
Area: 9509
Amount: 820.4837
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 12:58:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66302.D

Injection Date: 25-Sep-2019 13:27:30

Instrument ID: CVOAMS13

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

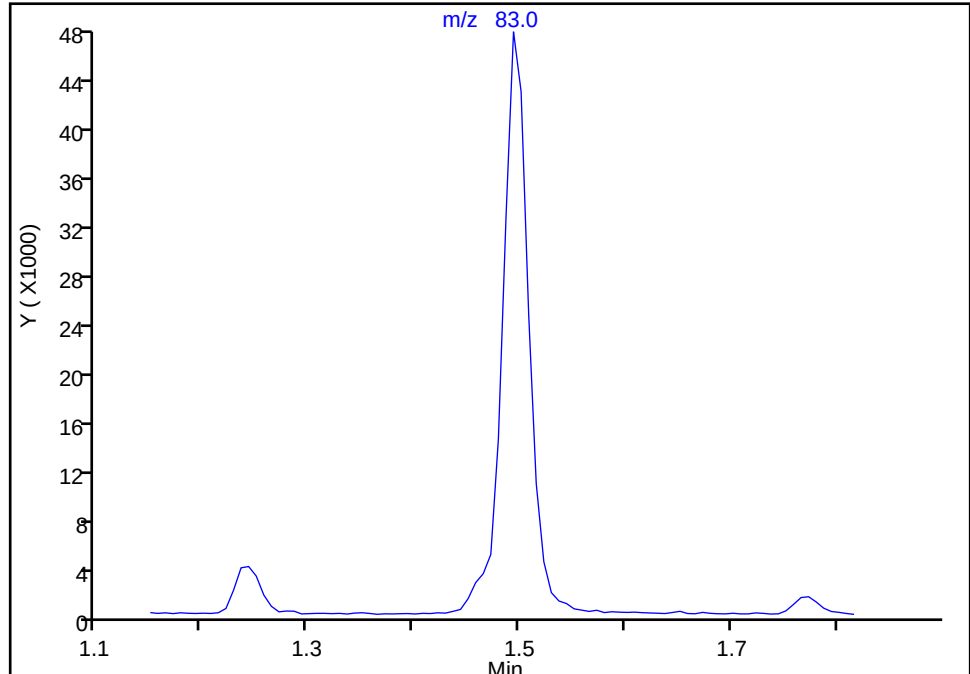
21 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

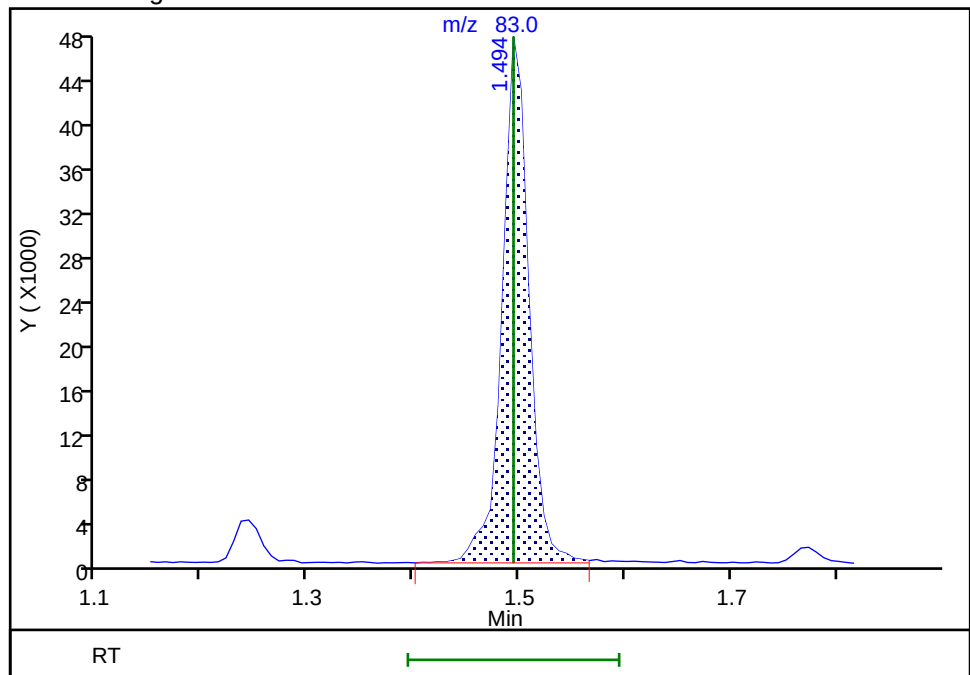
Not Detected

Expected RT: 1.49

Processing Integration Results



Manual Integration Results



RT: 1.49
Area: 82169
Amount: 17.931046
Amount Units: ug/l

Reviewer: pakanatir, 25-Sep-2019 12:58:34

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66302.D

Injection Date: 25-Sep-2019 13:27:30

Instrument ID: CVOAMS13

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

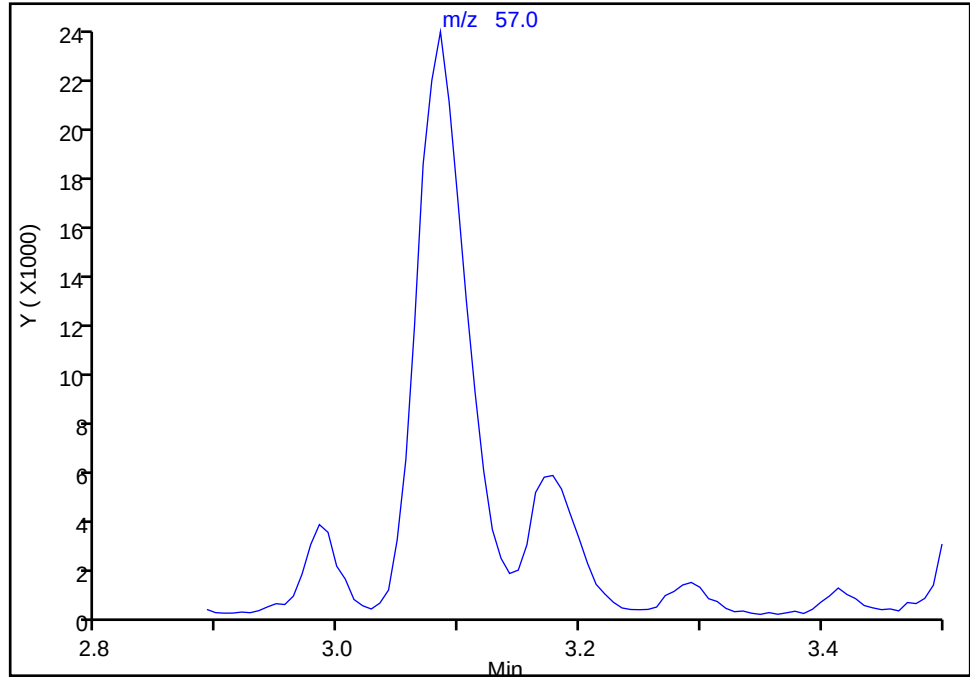
Detector: MS SCAN

57 n-Heptane, CAS: 142-82-5

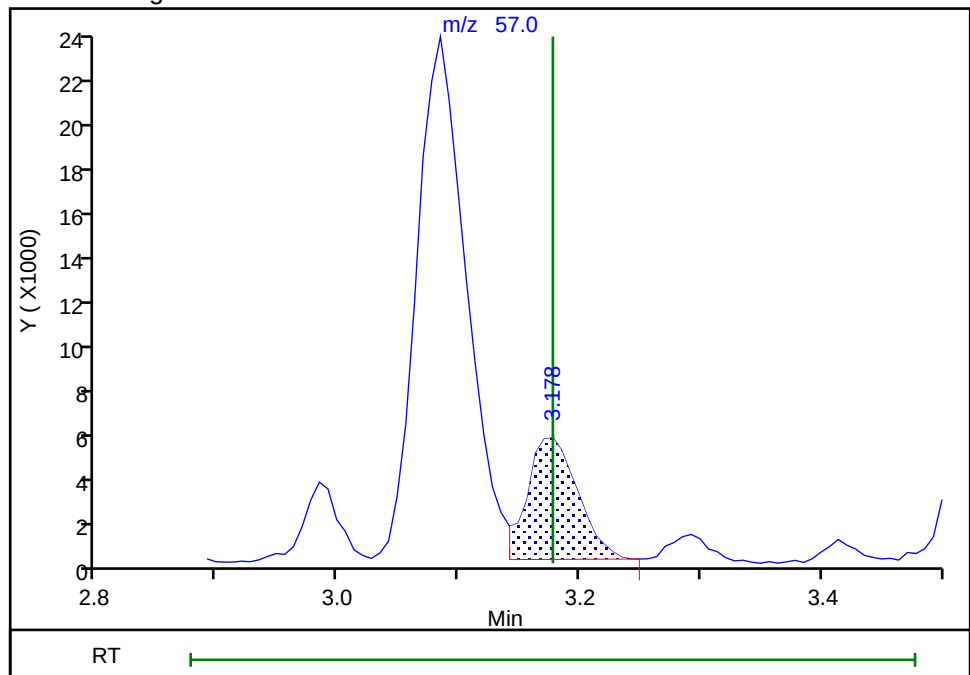
Signal: 1

Not Detected
Expected RT: 3.18

Processing Integration Results

RT: 3.18
Area: 15483
Amount: 20.088075
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 13:00:41

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66303.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 25-Sep-2019 13:52:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0098145-007
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 25-Sep-2019 17:40:15 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0320

First Level Reviewer: pakanatir

Date: 25-Sep-2019 15:19:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.757	0.756	0.001	91	6921	50.0	39.2	M
2 Chlorotrifluoroethene	116	0.800	0.792	0.008	85	60173	50.0	52.4	
3 Dichlorodifluoromethane	85	0.807	0.807	0.000	99	213116	50.0	56.2	
4 1,1-Difluoroethane	65	0.821	0.821	0.000	98	62308	50.0	48.0	
5 Chlorodifluoromethane	67	0.835	0.835	0.000	97	24438	50.0	41.5	a
6 Chloromethane	50	0.907	0.907	0.000	99	137454	50.0	58.0	
8 Butadiene	54	0.936	0.936	0.000	98	142285	50.0	60.1	
7 Vinyl chloride	62	0.936	0.936	0.000	98	172183	50.0	54.8	
9 Bromomethane	94	1.093	1.093	0.000	99	172808	50.0	60.0	
10 Chloroethane	64	1.143	1.143	0.000	99	137026	50.0	54.6	
11 Pentane	72	1.208	1.208	0.000	89	48897	100.0	94.1	
12 Trichlorofluoromethane	101	1.208	1.215	-0.007	98	324051	50.0	61.5	
13 Dichlorofluoromethane	67	1.244	1.244	0.000	99	296462	50.0	54.5	
14 2-Methyl-1,3-butadiene	67	1.358	1.358	0.000	97	189843	50.0	49.3	
15 Ethyl ether	59	1.373	1.358	0.015	94	117490	50.0	48.5	
16 Ethanol	46	1.451	1.444	0.007	100	23567	2000.0	2045.7	
17 1,1-Dichloroethene	96	1.459	1.466	-0.007	96	147516	50.0	46.1	
18 1,2-Dichloro-1,1,2-trifluo	67	1.459	1.466	-0.007	80	193825	50.0	44.9	
20 1,1,2-Trichloro-1,2,2-trif	101	1.487	1.480	0.007	88	144480	50.0	48.8	
19 Carbon disulfide	76	1.473	1.480	-0.007	100	495209	50.0	47.8	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.494	1.494	0.000	94	219745	50.0	46.8	a
22 Iodomethane	142	1.537	1.537	0.000	98	344485	50.0	53.8	
23 Cyclopentene	67	1.616	1.616	0.000	97	329750	50.0	48.6	
24 Acrolein	56	1.638	1.637	0.001	96	19876	100.0	105.7	
25 3-Chloro-1-propene	76	1.709	1.709	0.000	87	91535	50.0	48.0	
26 Isopropyl alcohol	45	1.745	1.738	0.007	98	66568	500.0	436.1	
27 Methylene Chloride	84	1.774	1.774	0.000	88	169645	50.0	47.1	
28 Acetone	43	1.795	1.795	0.000	87	144676	250.0	241.9	
29 trans-1,2-Dichloroethene	96	1.860	1.860	0.000	92	176149	50.0	50.0	
30 Methyl acetate	43	1.867	1.867	0.000	98	146979	100.0	106.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.910	1.910	0.000	82	24147	50.0	46.4	
32 Methyl tert-butyl ether	73	1.924	1.924	0.000	97	444303	50.0	48.4	
* 33 TBA-d9 (IS)	65	1.953	1.953	0.000	0	224626	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.003	1.996	0.007	98	112447	500.0	505.2	
35 Acetonitrile	41	2.060	2.060	0.000	99	101764	500.0	495.2	
36 Isopropyl ether	45	2.153	2.153	0.000	93	383902	50.0	49.8	
37 2-Chloro-1,3-butadiene	88	2.204	2.203	0.001	91	127106	50.0	49.0	
38 1,1-Dichloroethane	63	2.218	2.218	0.000	99	228855	50.0	48.1	
39 Acrylonitrile	53	2.247	2.246	0.001	92	381405	500.0	521.1	
40 Tert-butyl ethyl ether	59	2.383	2.382	0.001	91	400867	50.0	49.4	
41 Vinyl acetate	43	2.390	2.382	0.008	99	509145	100.0	101.5	
42 cis-1,2-Dichloroethene	96	2.569	2.569	0.000	96	157257	50.0	49.1	
43 2,2-Dichloropropane	77	2.633	2.633	0.000	95	189543	50.0	48.4	
44 Cyclohexane	56	2.698	2.698	0.000	87	153228	50.0	48.5	
45 Chlorobromomethane	128	2.698	2.698	0.000	77	88703	50.0	48.5	
46 Chloroform	83	2.762	2.762	0.000	99	244167	50.0	48.5	
47 Carbon tetrachloride	117	2.848	2.848	0.000	98	199239	50.0	49.0	
48 Ethyl acetate	70	2.863	2.862	0.001	99	26440	100.0	104.4	
49 Methyl acrylate	55	2.863	2.862	0.001	87	92091	50.0	47.8	
50 Tetrahydrofuran	42	2.870	2.870	0.000	95	76640	100.0	93.5	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.891	0.000	97	153616	50.0	49.8	
52 1,1,1-Trichloroethane	97	2.898	2.891	0.007	95	222559	50.0	48.3	
* 53 2-Butanone-d5	46	2.956	2.948	0.008	0	196272	250.0	250.0	
54 2-Butanone (MEK)	72	2.991	2.984	0.007	99	66639	250.0	235.8	
55 1,1-Dichloropropene	75	2.991	2.991	0.000	96	180303	50.0	46.6	
56 Isooctane	57	3.085	3.084	0.001	98	170325	50.0	45.7	
57 n-Heptane	57	3.178	3.178	0.000	82	40682	50.0	51.5	
58 Benzene	78	3.178	3.178	0.000	96	550683	50.0	49.0	
59 Propionitrile	54	3.199	3.199	0.000	98	133805	500.0	501.7	
60 Methacrylonitrile	67	3.221	3.213	0.008	91	470556	500.0	506.3	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.278	0.007	0	147905	50.0	48.7	
62 Tert-amyl methyl ether	73	3.292	3.292	0.000	98	391942	50.0	50.5	
63 1,2-Dichloroethane	62	3.335	3.335	0.000	98	177864	50.0	47.2	
64 Isobutyl alcohol	43	3.414	3.414	0.000	98	91885	1250.0	1225.0	
65 t-Amyl alcohol	59	3.486	3.486	0.000	98	78856	500.0	520.8	
* 66 Fluorobenzene	96	3.522	3.521	0.001	100	604759	50.0	50.0	
67 Isopropyl acetate	43	3.586	3.586	0.000	98	206093	50.0	49.5	
68 Methylcyclohexane	83	3.650	3.643	0.007	91	141101	50.0	47.6	
69 Trichloroethene	130	3.665	3.665	0.000	94	177800	50.0	49.4	
70 2-ethoxy-2-methyl butane	59	3.908	3.908	0.000	97	323300	50.0	51.0	
71 Dibromomethane	93	4.030	4.030	0.000	91	89654	50.0	50.1	
72 n-Butanol	56	4.044	4.044	0.000	87	63138	1250.0	1391.4	
73 1,2-Dichloropropane	63	4.116	4.116	0.000	89	130634	50.0	48.8	
75 Dichlorobromomethane	83	4.202	4.202	0.000	98	185857	50.0	48.9	
74 Ethyl acrylate	55	4.202	4.202	0.000	73	138221	50.0	48.5	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	23727	1000.0	1000.0	
77 Methyl methacrylate	100	4.395	4.395	0.000	84	76029	100.0	101.1	
78 1,4-Dioxane	88	4.417	4.424	-0.007	88	27272	1000.0	985.3	
79 n-Propyl acetate	43	4.553	4.553	0.000	98	138834	50.0	51.0	
80 2-Chloroethyl vinyl ether	63	4.811	4.811	0.000	95	78632	50.1	51.2	
81 cis-1,3-Dichloropropene	75	4.840	4.839	0.001	95	220275	50.0	50.5	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.040	0.000	99	582185	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
83 Toluene	91	5.090	5.090	0.000	93	634875	50.0	48.3	
84 Epichlorohydrin	57	5.119	5.119	0.000	99	191493	1000.0	1083.2	
85 2-Nitropropane	41	5.341	5.341	0.000	100	59045	100.0	93.3	
86 Tetrachloroethene	166	5.520	5.520	0.000	97	174398	50.0	50.5	
87 4-Methyl-2-pentanone (MIBK)	43	5.556	5.556	0.000	96	479630	250.0	255.5	
88 trans-1,3-Dichloropropene	75	5.585	5.591	-0.007	94	203580	50.0	52.6	
89 1,1,2-Trichloroethane	83	5.764	5.763	0.001	94	97329	50.0	50.4	
90 Ethyl methacrylate	69	5.850	5.849	0.001	87	156177	50.0	48.8	
91 Chlorodibromomethane	129	5.957	5.957	0.000	98	163303	50.0	52.2	
92 1,3-Dichloropropane	76	6.072	6.071	0.001	92	199982	50.0	51.7	
93 Ethylene Dibromide	107	6.201	6.200	0.001	98	135691	50.0	54.2	
94 n-Butyl acetate	43	6.552	6.551	0.001	98	156833	50.0	50.6	
95 2-Hexanone	43	6.616	6.616	0.000	95	328902	250.0	256.1	
* 96 Chlorobenzene-d5	117	6.895	6.895	0.000	84	490115	50.0	50.0	
97 Chlorobenzene	112	6.917	6.917	0.000	98	448039	50.0	49.8	
98 Ethylbenzene	106	6.996	6.995	0.001	97	231370	50.0	48.5	
99 1,1,1,2-Tetrachloroethane	131	7.024	7.024	0.000	95	165927	50.0	50.8	
100 m-Xylene & p-Xylene	106	7.211	7.217	-0.006	0	285650	50.0	49.1	
101 o-Xylene	106	7.798	7.798	0.000	96	278256	50.0	50.2	
102 Bromoform	173	7.862	7.862	0.000	96	107128	50.0	59.1	
103 Styrene	104	7.884	7.884	0.000	97	469866	50.0	51.2	
104 n-Butyl acrylate	73	8.213	8.213	0.000	97	94647	50.0	52.4	
105 Isopropylbenzene	105	8.285	8.285	0.000	95	642012	50.0	49.5	
106 Amyl acetate (mixed isomer)	43	8.629	8.629	0.000	91	198587	50.0	49.8	
\$ 107 4-Bromofluorobenzene	174	8.657	8.657	0.000	97	216597	50.0	51.6	
108 Bromobenzene	156	8.758	8.765	-0.007	87	218215	50.0	50.9	
109 N-Propylbenzene	91	8.915	8.915	0.000	100	693167	50.0	49.4	
110 1,1,2,2-Tetrachloroethane	83	9.066	9.066	0.000	96	142241	50.0	48.0	
111 2-Chlorotoluene	91	9.087	9.087	0.000	97	528007	50.0	48.7	
112 4-Ethyltoluene	105	9.109	9.109	0.000	98	652381	50.0	50.1	
113 1,2,3-Trichloropropane	110	9.195	9.194	0.001	96	47440	50.0	48.0	
114 1,3,5-Trimethylbenzene	105	9.266	9.266	0.000	94	538683	50.0	49.6	
115 trans-1,4-Dichloro-2-buten	53	9.324	9.323	0.001	92	38675	50.0	52.4	
116 4-Chlorotoluene	91	9.352	9.352	0.000	96	494103	50.0	50.6	
117 tert-Butylbenzene	119	9.725	9.725	0.000	96	438957	50.0	49.9	
118 1,2,4-Trimethylbenzene	105	9.854	9.861	-0.007	97	575052	50.0	49.3	
119 Butyl Methacrylate	87	9.861	9.868	-0.007	92	207730	50.0	52.1	
120 sec-Butylbenzene	105	10.018	10.018	0.000	99	561691	50.0	49.8	
121 1,3-Dichlorobenzene	146	10.276	10.276	0.000	98	380180	50.0	51.4	
122 4-Isopropyltoluene	119	10.298	10.298	0.000	98	518696	50.0	48.4	
* 123 1,4-Dichlorobenzene-d4	152	10.412	10.412	0.000	93	290966	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.434	10.434	0.000	96	394273	50.0	48.2	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	97	610234	50.0	50.2	
126 2,3-Dihydroindene	117	10.713	10.713	0.000	94	652936	50.0	51.1	
127 Benzyl chloride	126	10.885	10.892	-0.007	99	66740	50.0	50.4	
128 p-Diethylbenzene	119	10.907	10.906	0.001	95	279873	50.0	50.0	
129 n-Butylbenzene	91	10.993	10.992	0.001	97	392848	50.0	48.3	
130 1,2-Dichlorobenzene	146	11.100	11.100	0.000	98	379971	50.0	51.3	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	98	517913	50.0	51.5	
132 1,2-Dibromo-3-Chloropropan	157	12.196	12.203	-0.007	91	35869	50.0	48.6	
133 1,3,5-Trichlorobenzene	180	12.246	12.246	0.000	97	233325	50.0	51.9	
134 1,2,4-Trichlorobenzene	180	12.934	12.934	0.000	94	219668	50.0	51.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.948	12.948	0.000	95	70989	50.0	47.5	
136 Naphthalene	128	13.227	13.234	-0.007	99	491166	50.0	49.8	
137 1,2,3-Trichlorobenzene	180	13.407	13.406	0.001	96	198107	50.0	50.6	
S 138 1,2-Dichloroethene, Total	100				0		100.0	99.1	
S 139 1,3-Dichloropropene, Total	100				0		100.0	103.1	
S 140 Xylenes, Total	100				0		100.0	99.3	
S 142 Total BTEX	1				0		250.0	245.1	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00333	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 50.00	Units: uL	
ACROLEIN W_00095	Amount Added: 10.00	Units: uL	
524freon_00012	Amount Added: 50.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66303.D

Injection Date: 25-Sep-2019 13:52:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD50

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

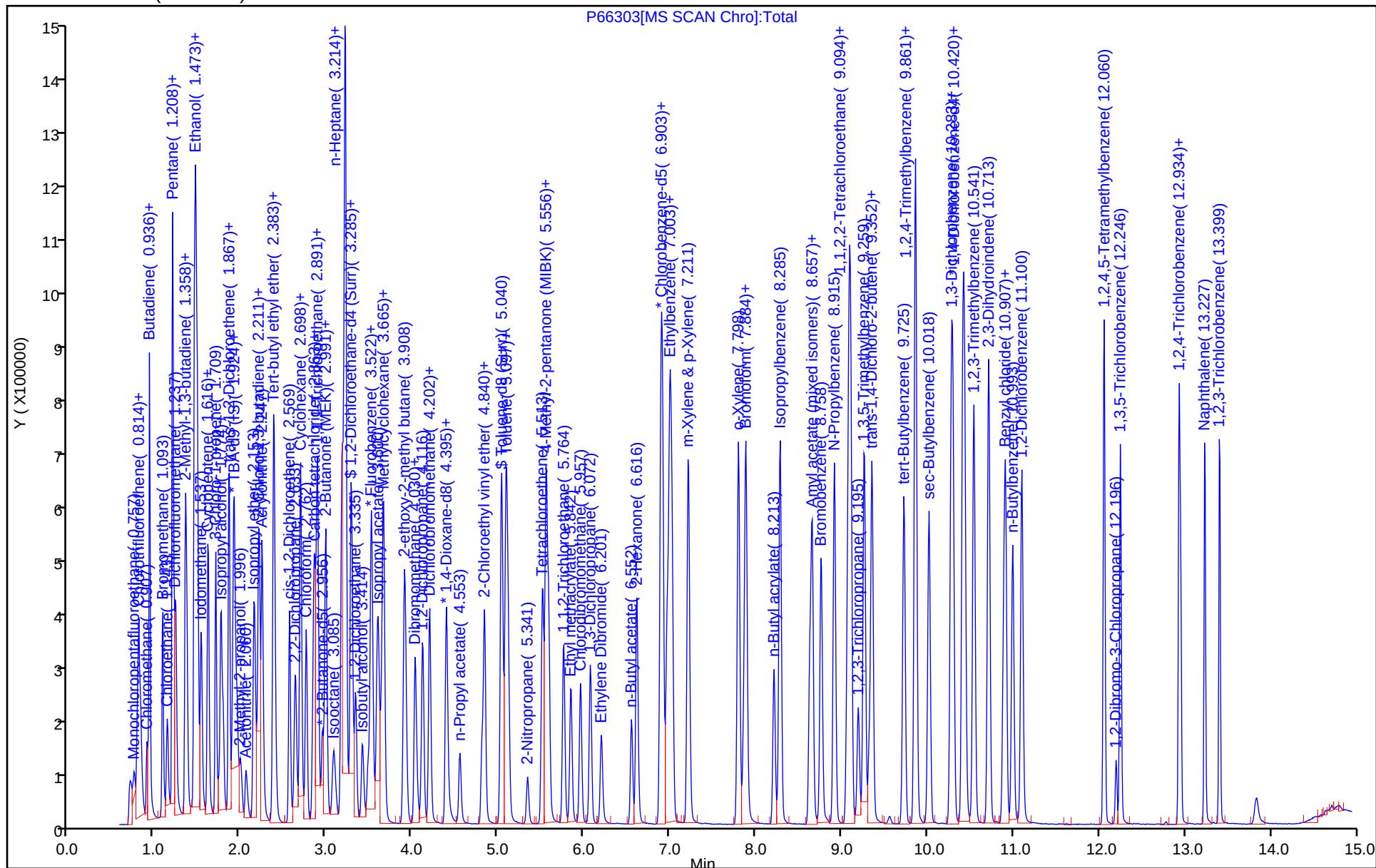
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66303.D

Injection Date: 25-Sep-2019 13:52:30

Instrument ID: CVOAMS13

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

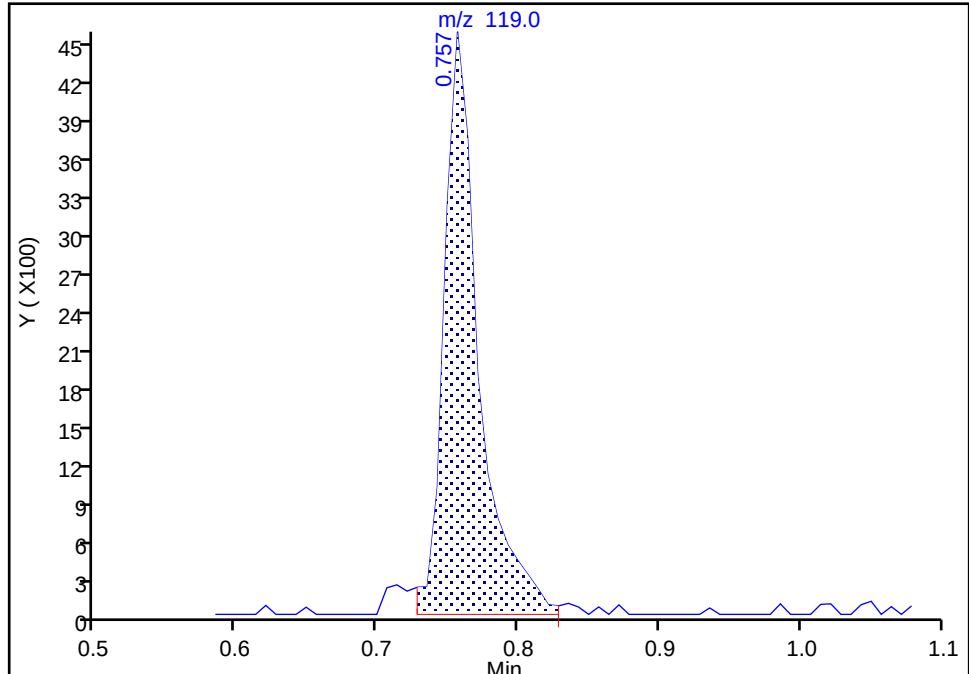
Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

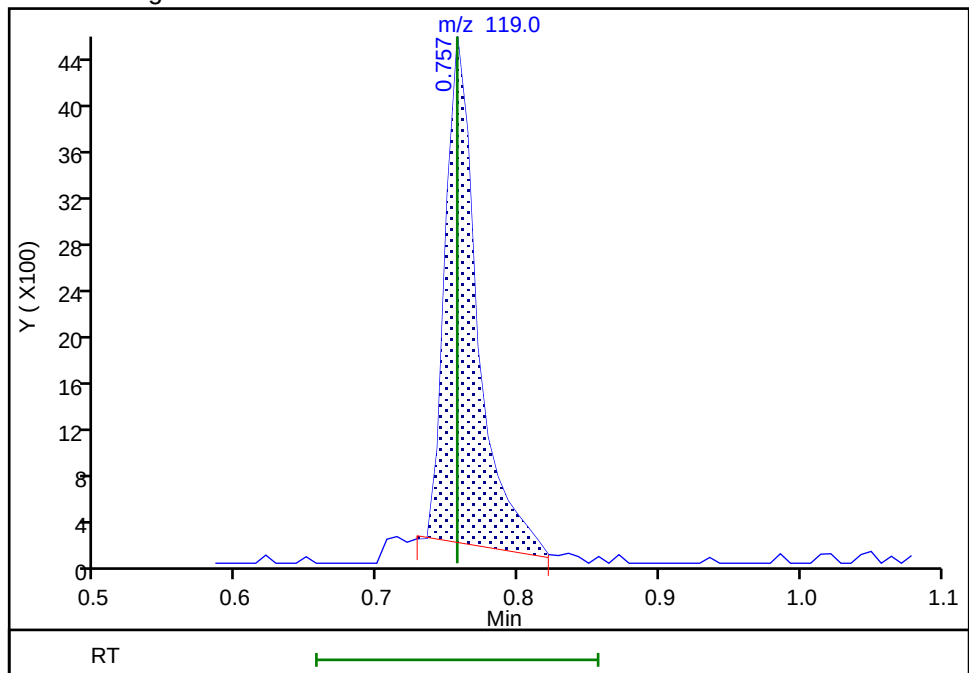
RT: 0.76
Area: 7810
Amount: 43.944644
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 6921
Amount: 39.210475
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 16:52:59

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66303.D

Injection Date: 25-Sep-2019 13:52:30

Instrument ID: CVOAMS13

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

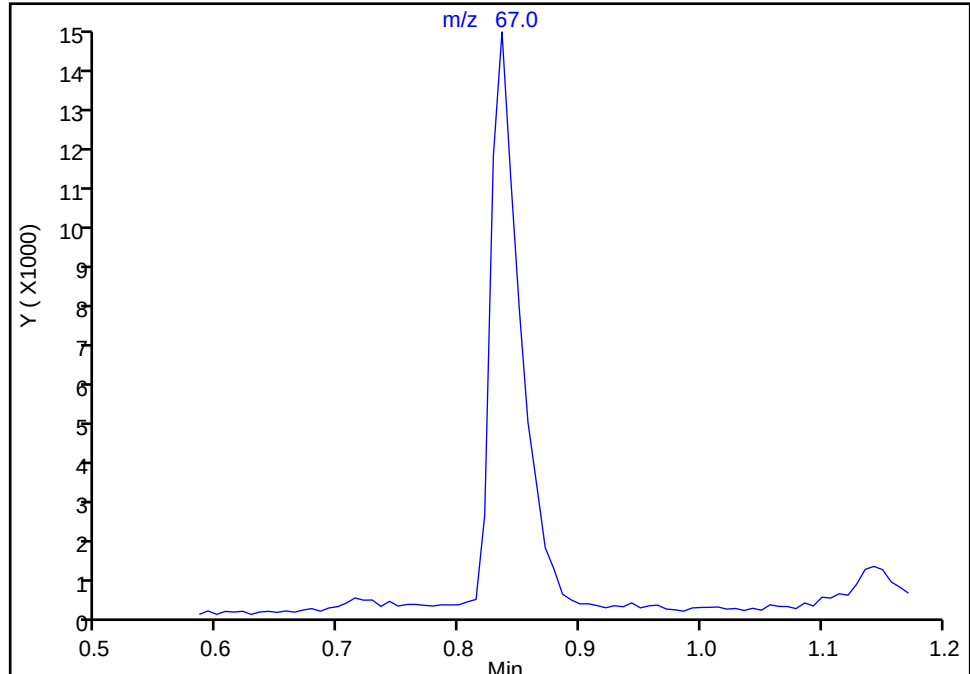
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

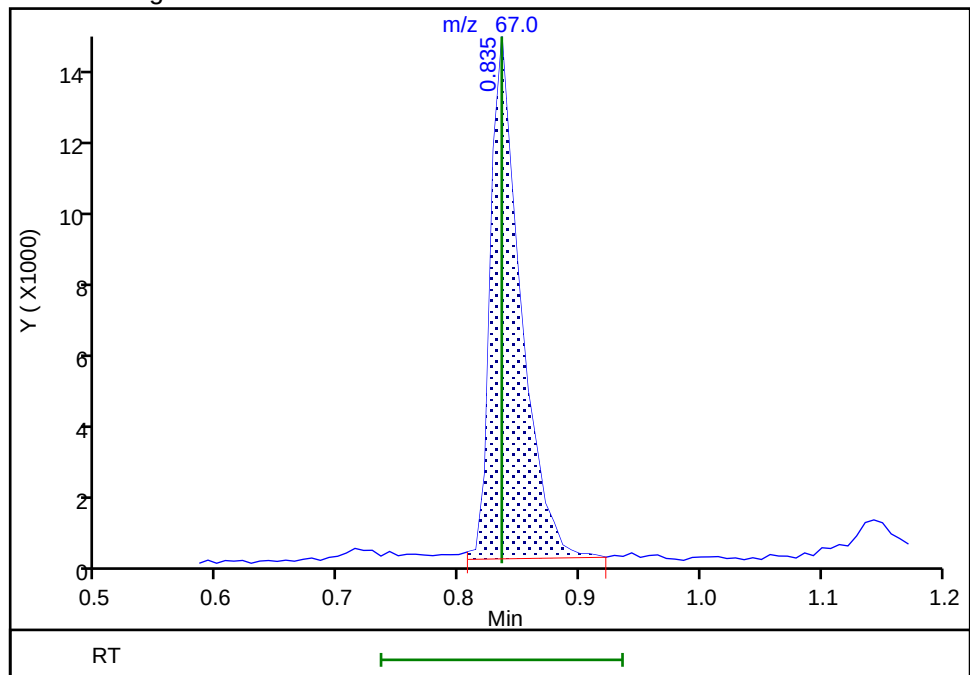
Not Detected

Expected RT: 0.84

Processing Integration Results



Manual Integration Results



RT: 0.84
Area: 24438
Amount: 41.524686
Amount Units: ug/l

Reviewer: pakanatir, 25-Sep-2019 15:18:10

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66303.D

Injection Date: 25-Sep-2019 13:52:30

Instrument ID: CVOAMS13

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

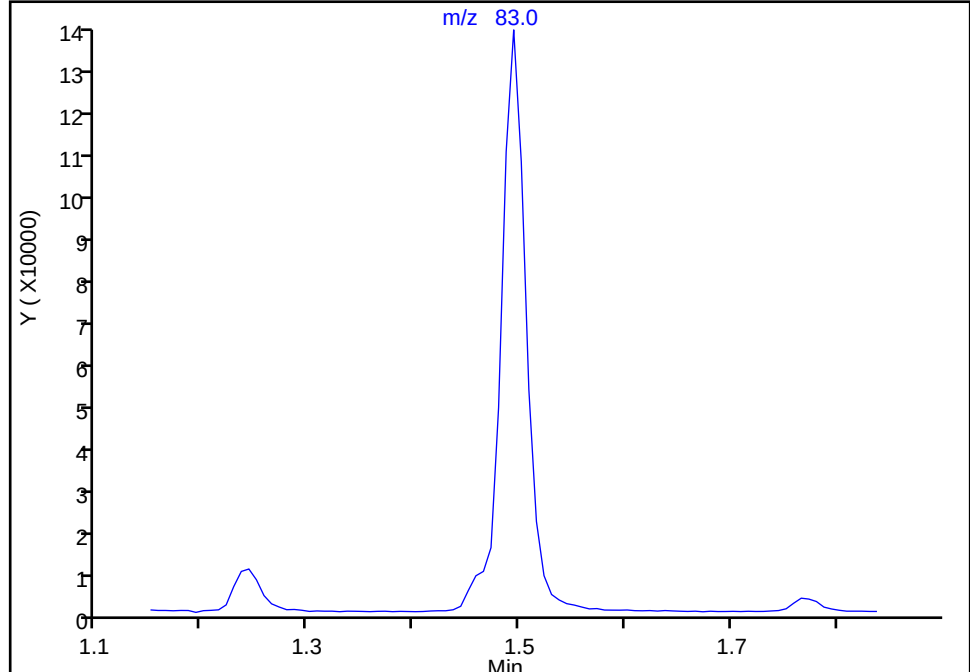
21 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

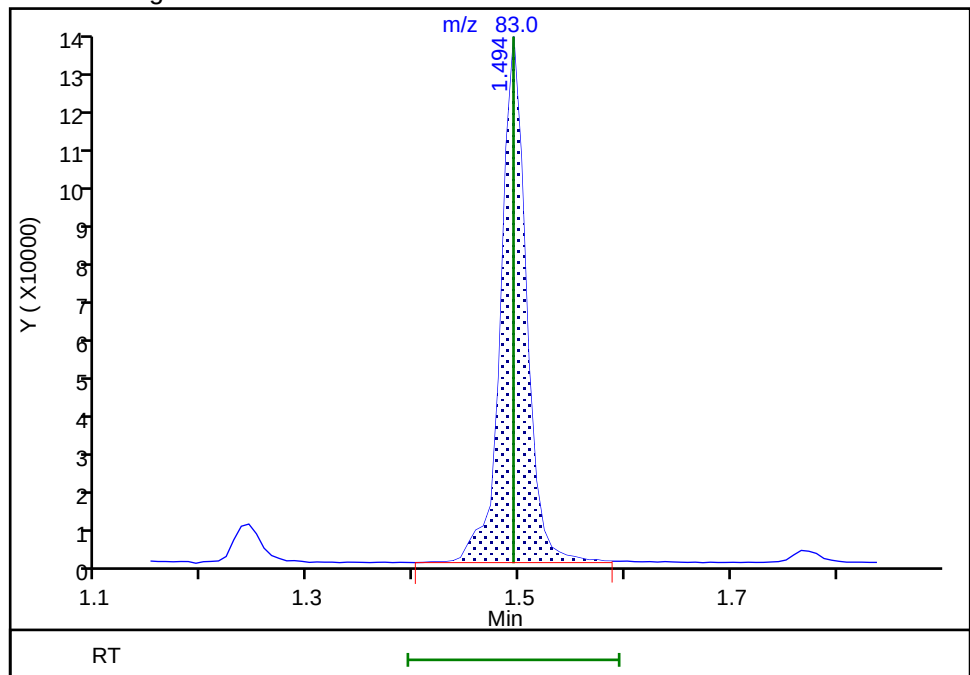
Not Detected

Expected RT: 1.49

Processing Integration Results



Manual Integration Results



RT: 1.49
Area: 219745
Amount: 46.770203
Amount Units: ug/l

Reviewer: pakanatir, 25-Sep-2019 15:18:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66304.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 25-Sep-2019 14:17:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0098145-008
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 25-Sep-2019 17:40:29 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0320

First Level Reviewer: pakanatir

Date: 25-Sep-2019 15:20:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.756	0.756	0.000	94	12410	200.0	67.5	M
2 Chlorotrifluoroethene	116	0.799	0.792	0.007	85	229837	200.0	192.2	
3 Dichlorodifluoromethane	85	0.807	0.807	0.000	99	496051	200.0	125.6	
4 1,1-Difluoroethane	65	0.821	0.821	0.000	98	258616	200.0	191.3	
5 Chlorodifluoromethane	67	0.835	0.835	0.000	97	107656	200.0	175.6	a
6 Chloromethane	50	0.907	0.907	0.000	99	417918	200.0	169.2	
8 Butadiene	54	0.943	0.936	0.007	97	437736	200.0	195.3	
7 Vinyl chloride	62	0.936	0.936	0.000	98	556303	200.0	170.1	
9 Bromomethane	94	1.093	1.093	0.000	99	634900	200.0	209.7	
10 Chloroethane	64	1.143	1.143	0.000	99	522450	200.0	199.9	
11 Pentane	72	1.222	1.208	0.014	95	215011	400.0	403.6	
12 Trichlorofluoromethane	101	1.208	1.215	-0.007	98	1095158	200.0	199.5	
13 Dichlorofluoromethane	67	1.244	1.244	0.000	99	1189261	200.0	209.9	
14 2-Methyl-1,3-butadiene	67	1.365	1.358	0.007	97	866980	200.0	216.3	
15 Ethyl ether	59	1.372	1.358	0.014	75	532475	200.0	211.2	
16 Ethanol	46	1.451	1.444	0.007	99	94778	8000.0	7982.5	a
18 1,2-Dichloro-1,1,2-trifluo	67	1.458	1.466	-0.008	89	907595	200.0	201.7	
17 1,1-Dichloroethene	96	1.458	1.466	-0.008	95	688752	200.0	206.8	
20 1,1,2-Trichloro-1,2,2-trif	101	1.494	1.480	0.014	73	692739	200.0	224.8	
19 Carbon disulfide	76	1.480	1.480	0.000	99	2356056	200.0	218.3	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.494	1.494	0.000	87	1033506	200.0	211.2	
22 Iodomethane	142	1.537	1.537	0.000	98	1553165	200.0	232.9	
23 Cyclopentene	67	1.616	1.616	0.000	97	1454656	200.0	205.7	
24 Acrolein	56	1.638	1.637	0.001	96	41376	200.0	213.7	
25 3-Chloro-1-propene	76	1.709	1.709	0.000	87	417600	200.0	210.0	
26 Isopropyl alcohol	45	1.738	1.738	0.000	97	281819	2000.0	1781.5	
27 Methylene Chloride	84	1.774	1.774	0.000	88	757717	200.0	201.8	
28 Acetone	43	1.795	1.795	0.000	87	637181	1000.0	1002.3	
29 trans-1,2-Dichloroethene	96	1.860	1.860	0.000	91	794873	200.0	216.4	
30 Methyl acetate	43	1.867	1.867	0.000	98	640356	400.0	446.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.917	1.910	0.007	86	114333	200.0	211.0	
32 Methyl tert-butyl ether	73	1.931	1.924	0.007	96	2016762	200.0	211.0	
* 33 TBA-d9 (IS)	65	1.953	1.953	0.000	0	232816	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.996	1.996	0.000	98	478625	2000.0	2081.7	
35 Acetonitrile	41	2.060	2.060	0.000	98	434882	2000.0	2041.7	
36 Isopropyl ether	45	2.160	2.153	0.007	93	1675898	200.0	208.7	
37 2-Chloro-1,3-butadiene	88	2.218	2.203	0.015	73	579073	200.0	214.4	
38 1,1-Dichloroethane	63	2.218	2.218	0.000	98	1057777	200.0	213.5	
39 Acrylonitrile	53	2.254	2.246	0.008	91	1757663	2000.0	2305.3	
40 Tert-butyl ethyl ether	59	2.390	2.382	0.008	91	1805883	200.0	213.6	
41 Vinyl acetate	43	2.390	2.382	0.008	99	2400255	400.0	459.1	
42 cis-1,2-Dichloroethene	96	2.569	2.569	0.000	96	709809	200.0	212.7	
43 2,2-Dichloropropane	77	2.640	2.633	0.007	96	851488	200.0	208.5	
44 Cyclohexane	56	2.705	2.698	0.007	89	732714	200.0	222.7	
45 Chlorobromomethane	128	2.698	2.698	0.000	79	408746	200.0	214.7	
46 Chloroform	83	2.762	2.762	0.000	99	1105994	200.0	211.0	
47 Carbon tetrachloride	117	2.855	2.848	0.007	98	964627	200.0	228.0	
48 Ethyl acetate	70	2.862	2.862	0.000	99	117567	400.0	441.8	
49 Methyl acrylate	55	2.870	2.862	0.008	87	411424	200.0	205.1	
50 Tetrahydrofuran	42	2.870	2.870	0.000	92	344920	400.0	400.3	
52 1,1,1-Trichloroethane	97	2.905	2.891	0.014	98	1018437	200.0	212.3	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.891	0.000	98	163466	50.0	50.9	
* 53 2-Butanone-d5	46	2.956	2.948	0.008	0	206244	250.0	250.0	
54 2-Butanone (MEK)	72	2.991	2.984	0.007	98	303862	1000.0	1023.3	
55 1,1-Dichloropropene	75	2.998	2.991	0.007	95	833461	200.0	206.9	
56 Isooctane	57	3.092	3.084	0.008	98	820826	200.0	211.6	
57 n-Heptane	57	3.178	3.178	0.000	86	217699	200.0	264.4	
58 Benzene	78	3.185	3.178	0.007	97	2594059	200.0	218.2	
59 Propionitrile	54	3.206	3.199	0.007	99	619592	2000.0	2241.4	
60 Methacrylonitrile	67	3.228	3.213	0.015	90	2205402	2000.0	2277.9	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.278	0.007	0	165963	50.0	52.4	
62 Tert-amyl methyl ether	73	3.292	3.292	0.000	98	1719536	200.0	212.6	
63 1,2-Dichloroethane	62	3.342	3.335	0.007	98	806619	200.0	205.6	
64 Isobutyl alcohol	43	3.421	3.414	0.007	98	429943	5000.0	5530.3	
65 t-Amyl alcohol	59	3.486	3.486	0.000	97	343994	2000.0	2192.1	
* 66 Fluorobenzene	96	3.529	3.521	0.008	99	630015	50.0	50.0	
67 Isopropyl acetate	43	3.593	3.586	0.007	99	883055	200.0	203.4	
68 Methylcyclohexane	83	3.657	3.643	0.014	93	662685	200.0	214.6	
69 Trichloroethene	130	3.672	3.665	0.007	95	806753	200.0	215.3	
70 2-ethoxy-2-methyl butane	59	3.915	3.908	0.007	96	1409090	200.0	213.4	
71 Dibromomethane	93	4.030	4.030	0.000	91	410004	200.0	219.9	
72 n-Butanol	56	4.044	4.044	0.000	87	284711	5000.0	6053.6	
73 1,2-Dichloropropane	63	4.123	4.116	0.007	87	591464	200.0	212.2	
75 Dichlorobromomethane	83	4.209	4.202	0.007	98	876191	200.0	221.2	
74 Ethyl acrylate	55	4.202	4.202	0.000	98	605920	200.0	200.7	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	24665	1000.0	1000.0	
77 Methyl methacrylate	100	4.395	4.395	0.000	84	330859	400.0	422.2	
78 1,4-Dioxane	88	4.417	4.424	-0.007	89	115603	4000.0	4017.9	
79 n-Propyl acetate	43	4.553	4.553	0.000	98	603389	200.0	212.9	
80 2-Chloroethyl vinyl ether	63	4.811	4.811	0.000	95	347766	200.5	217.2	
81 cis-1,3-Dichloropropene	75	4.847	4.839	0.008	94	1027197	200.0	222.8	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.040	0.000	99	601728	50.0	49.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	5.097	5.090	0.007	93	2875215	200.0	207.1	
84 Epichlorohydrin	57	5.119	5.119	0.000	99	891463	4000.0	4798.9	
85 2-Nitropropane	41	5.341	5.341	0.000	99	264142	400.0	400.7	
86 Tetrachloroethene	166	5.520	5.520	0.000	98	793021	200.0	217.2	
87 4-Methyl-2-pentanone (MIBK)	43	5.563	5.556	0.007	95	2176381	1000.0	1103.5	
88 trans-1,3-Dichloropropene	75	5.591	5.591	0.000	94	969153	200.0	237.0	
89 1,1,2-Trichloroethane	83	5.763	5.763	0.000	94	446840	200.0	218.8	
90 Ethyl methacrylate	69	5.849	5.849	0.000	87	721003	200.0	216.1	
91 Chlorodibromomethane	129	5.964	5.957	0.007	97	769106	200.0	232.5	
92 1,3-Dichloropropane	76	6.079	6.071	0.008	92	906640	200.0	221.9	
93 Ethylene Dibromide	107	6.200	6.200	0.000	99	613262	200.0	232.0	
94 n-Butyl acetate	43	6.551	6.551	0.000	98	680494	200.0	207.7	
95 2-Hexanone	43	6.616	6.616	0.000	94	1476088	1000.0	1093.6	
* 96 Chlorobenzene-d5	117	6.895	6.895	0.000	83	517938	50.0	50.0	
97 Chlorobenzene	112	6.917	6.917	0.000	97	2034720	200.0	214.0	
98 Ethylbenzene	106	7.003	6.995	0.008	97	1069598	200.0	212.2	
99 1,1,1,2-Tetrachloroethane	131	7.031	7.024	0.007	94	783693	200.0	227.0	
100 m-Xylene & p-Xylene	106	7.218	7.217	0.001	0	1288808	200.0	209.8	
101 o-Xylene	106	7.798	7.798	0.000	95	1251144	200.0	213.7	
102 Bromoform	173	7.862	7.862	0.000	96	548853	200.0	286.6	
103 Styrene	104	7.884	7.884	0.000	97	2154354	200.0	222.0	
104 n-Butyl acrylate	73	8.213	8.213	0.000	98	420250	200.0	220.2	
105 Isopropylbenzene	105	8.285	8.285	0.000	95	2922935	200.0	213.1	
106 Amyl acetate (mixed isomer)	43	8.629	8.629	0.000	91	879855	200.0	206.5	
\$ 107 4-Bromofluorobenzene	174	8.657	8.657	0.000	97	228742	50.0	51.5	
108 Bromobenzene	156	8.765	8.765	0.000	86	993460	200.0	216.8	
109 N-Propylbenzene	91	8.915	8.915	0.000	100	3161784	200.0	210.7	
110 1,1,2,2-Tetrachloroethane	83	9.066	9.066	0.000	97	657734	200.0	207.5	
111 2-Chlorotoluene	91	9.087	9.087	0.000	98	2425291	200.0	209.2	
112 4-Ethyltoluene	105	9.109	9.109	0.000	98	2880623	200.0	207.0	
113 1,2,3-Trichloropropane	110	9.195	9.194	0.000	95	214317	200.0	202.7	
114 1,3,5-Trimethylbenzene	105	9.266	9.266	0.000	94	2430765	200.0	209.3	
115 trans-1,4-Dichloro-2-buten	53	9.323	9.323	0.000	94	184673	200.0	234.3	
116 4-Chlorotoluene	91	9.359	9.352	0.007	96	2263983	200.0	216.9	
117 tert-Butylbenzene	119	9.732	9.725	0.007	96	1951686	200.0	207.7	
118 1,2,4-Trimethylbenzene	105	9.861	9.861	0.000	97	2679793	200.0	214.9	
119 Butyl Methacrylate	87	9.868	9.868	0.000	92	962972	200.0	226.2	
120 sec-Butylbenzene	105	10.018	10.018	0.000	98	2530213	200.0	209.9	
121 1,3-Dichlorobenzene	146	10.276	10.276	0.000	98	1745736	200.0	220.7	
122 4-Isopropyltoluene	119	10.298	10.298	0.000	97	2377812	200.0	207.7	
* 123 1,4-Dichlorobenzene-d4	152	10.412	10.412	0.000	93	310940	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.434	10.434	0.000	97	1779506	200.0	203.7	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	98	2652125	200.0	204.3	
126 2,3-Dihydroindene	117	10.720	10.713	0.007	94	2822566	200.0	206.6	
127 Benzyl chloride	126	10.885	10.892	-0.007	99	308883	200.0	218.3	
128 p-Diethylbenzene	119	10.914	10.906	0.008	95	1226884	200.0	205.1	
129 n-Butylbenzene	91	10.992	10.992	0.000	97	1793825	200.0	206.5	
130 1,2-Dichlorobenzene	146	11.100	11.100	0.000	98	1726562	200.0	218.3	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	98	2244587	200.0	208.8	
132 1,2-Dibromo-3-Chloropropan	157	12.196	12.203	-0.007	92	168945	200.0	213.3	
133 1,3,5-Trichlorobenzene	180	12.246	12.246	0.000	98	1032666	200.0	215.0	
134 1,2,4-Trichlorobenzene	180	12.934	12.934	0.000	94	1032491	200.0	226.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.948	12.948	0.000	96	353903	200.0	221.4	
136 Naphthalene	128	13.227	13.234	-0.007	99	2205745	200.0	209.2	
137 1,2,3-Trichlorobenzene	180	13.406	13.406	0.000	96	907489	200.0	217.0	
S 138 1,2-Dichloroethene, Total	100				0		400.0	429.1	
S 139 1,3-Dichloropropene, Total	100				0		400.0	459.8	
S 140 Xylenes, Total	100				0		400.0	423.4	
S 142 Total BTEX	1				0		1000.0	1061.0	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00095	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00088	Amount Added: 20.00	Units: uL	
MIX I Hi_00115	Amount Added: 20.00	Units: uL	
Ethanol mix_00032	Amount Added: 20.00	Units: uL	
8FreonHi_00008	Amount Added: 20.00	Units: uL	
GAS Hi_00324	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66304.D

Injection Date: 25-Sep-2019 14:17:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

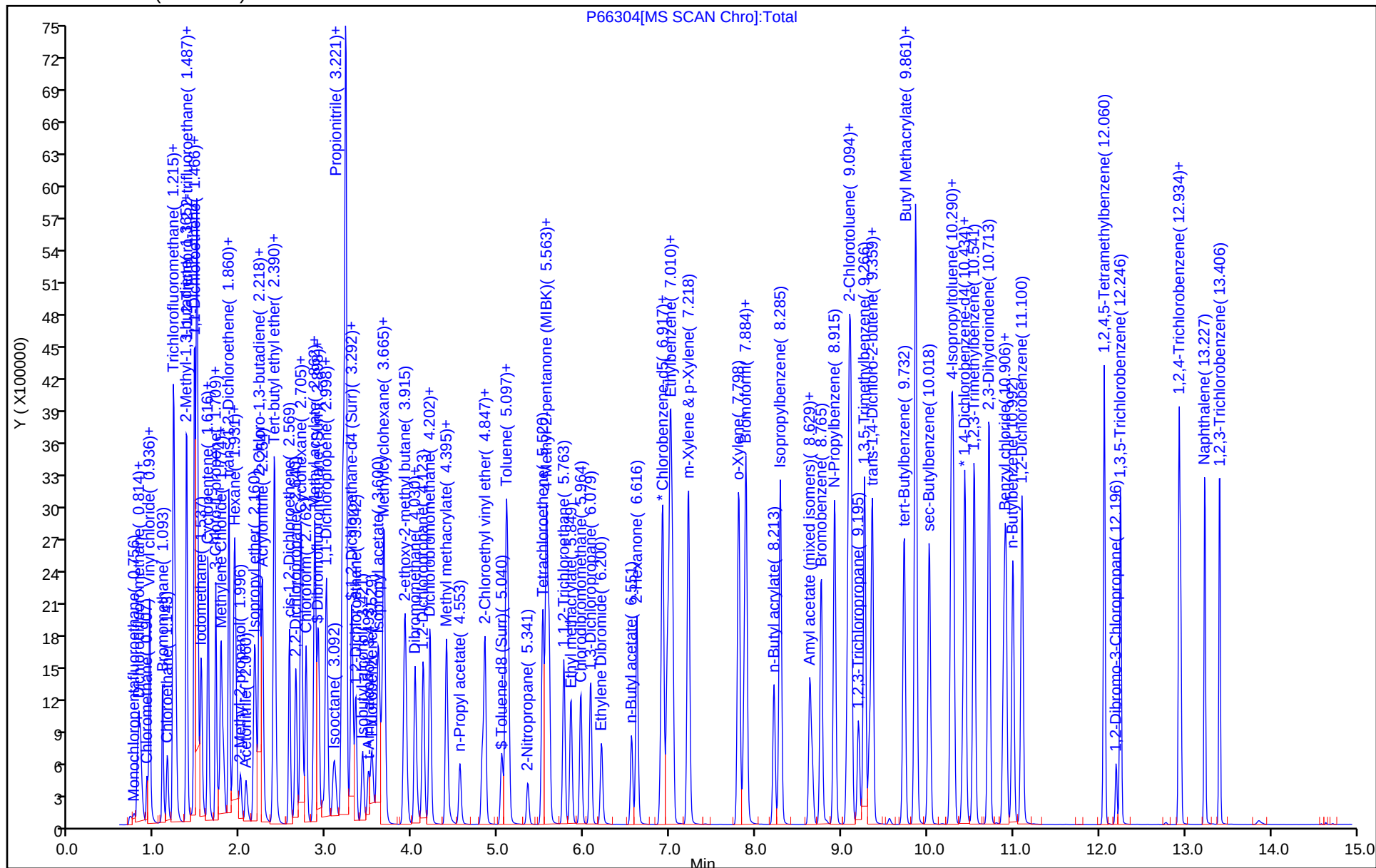
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260W 13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66304.D

Injection Date: 25-Sep-2019 14:17:30

Instrument ID: CVOAMS13

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

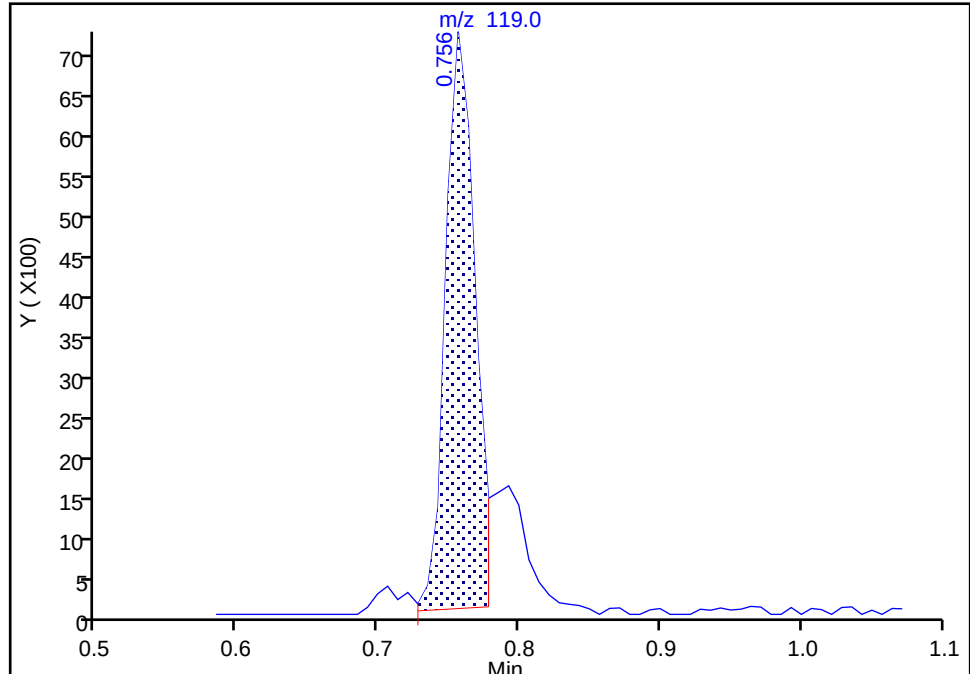
MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

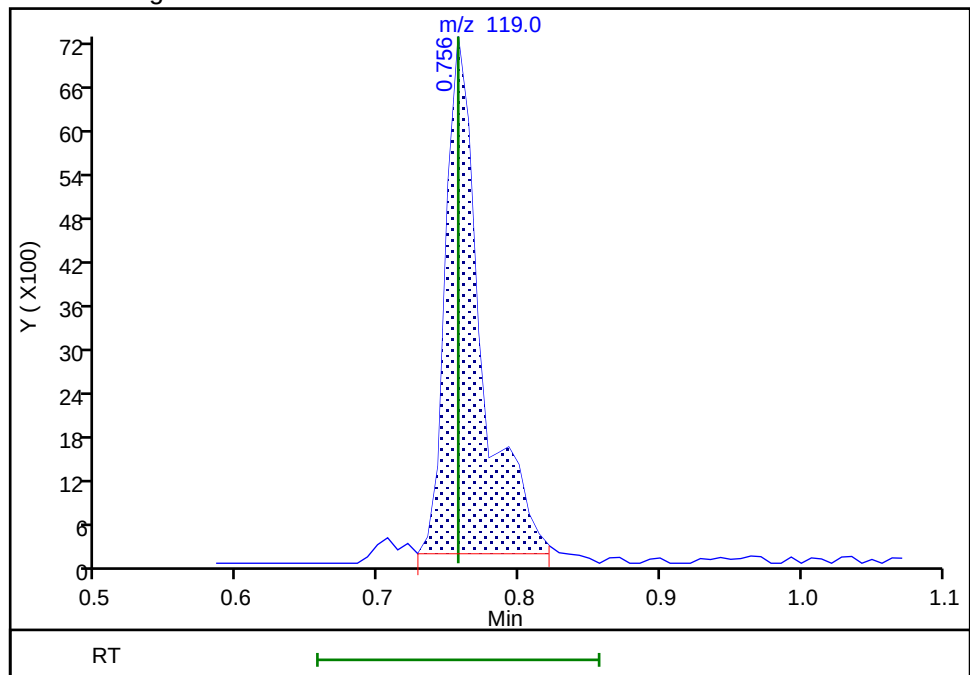
RT: 0.76
Area: 10477
Amount: 57.408337
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 12410
Amount: 67.489543
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 16:56:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66304.D

Injection Date: 25-Sep-2019 14:17:30

Instrument ID: CVOAMS13

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

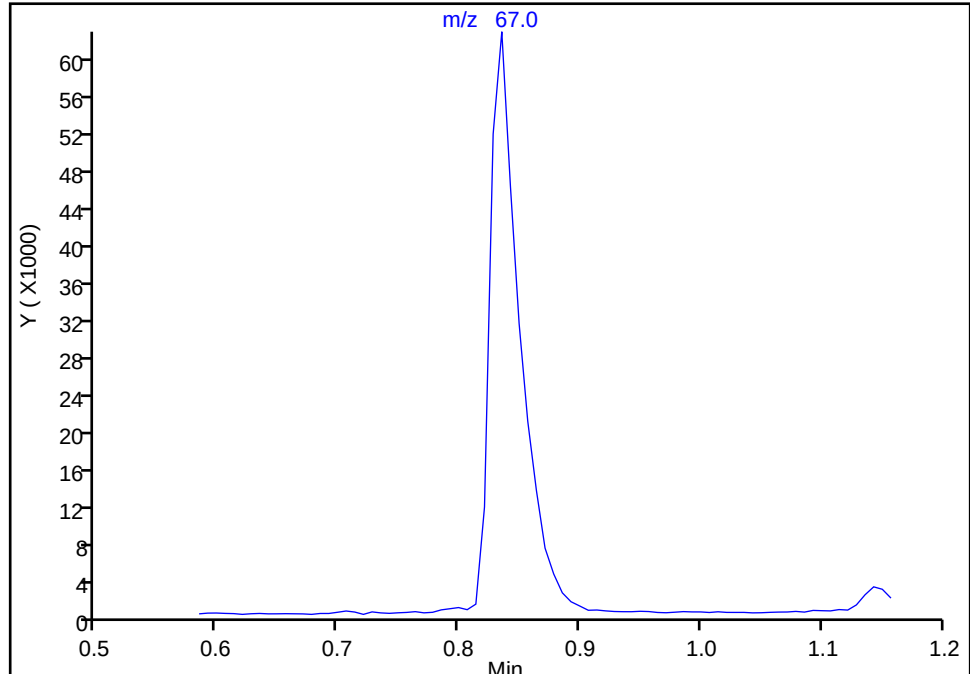
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

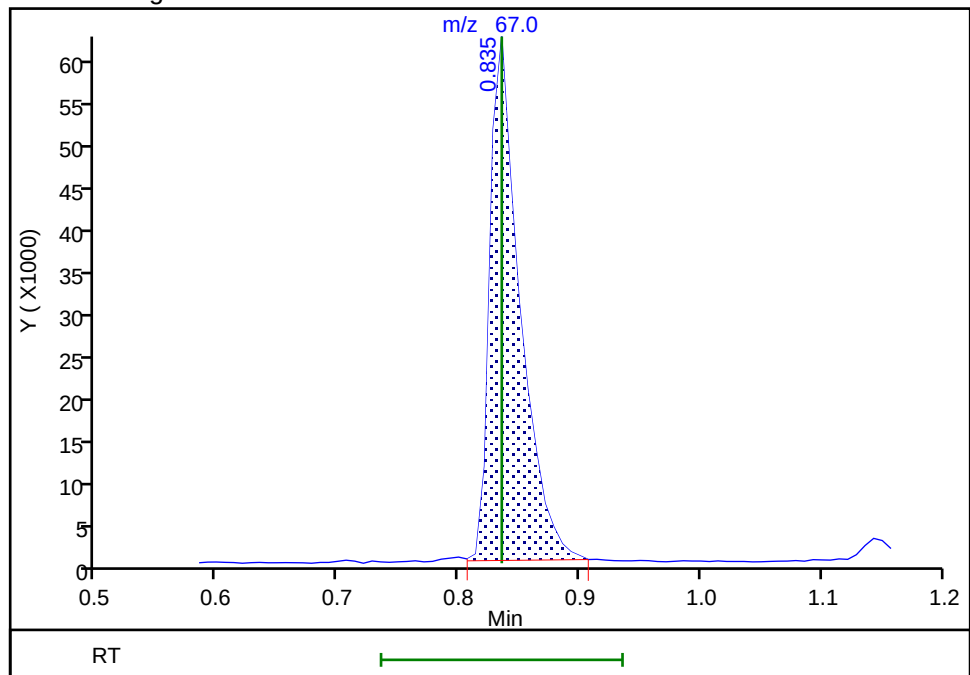
Not Detected

Expected RT: 0.84

Processing Integration Results



Manual Integration Results



RT: 0.84

Area: 107656

Amount: 175.5943

Amount Units: ug/l

Reviewer: pakanatir, 25-Sep-2019 15:20:20

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66304.D

Injection Date: 25-Sep-2019 14:17:30

Instrument ID: CVOAMS13

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

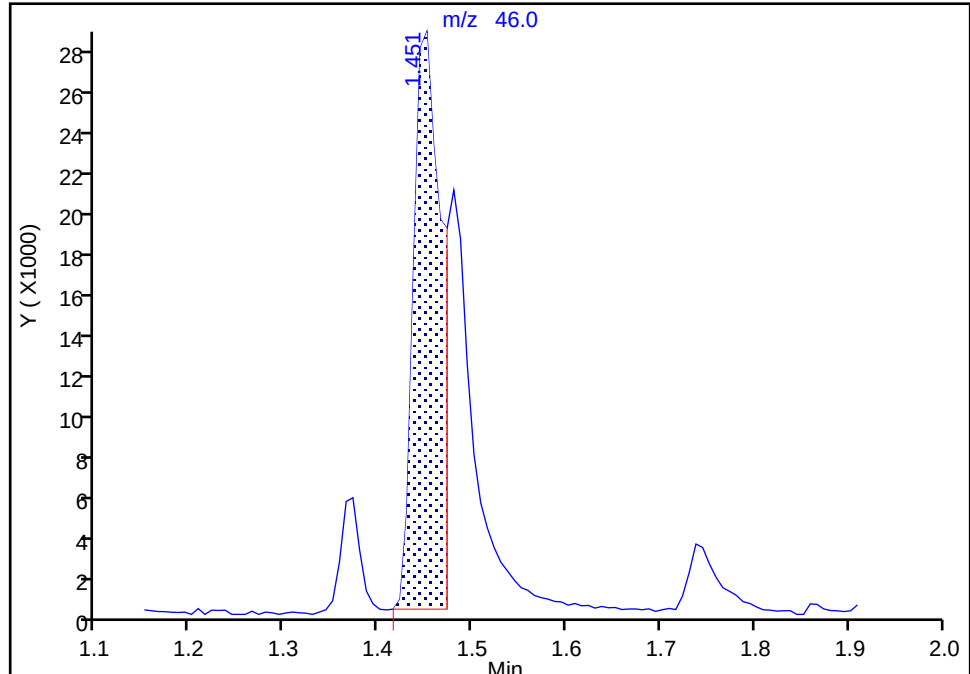
MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

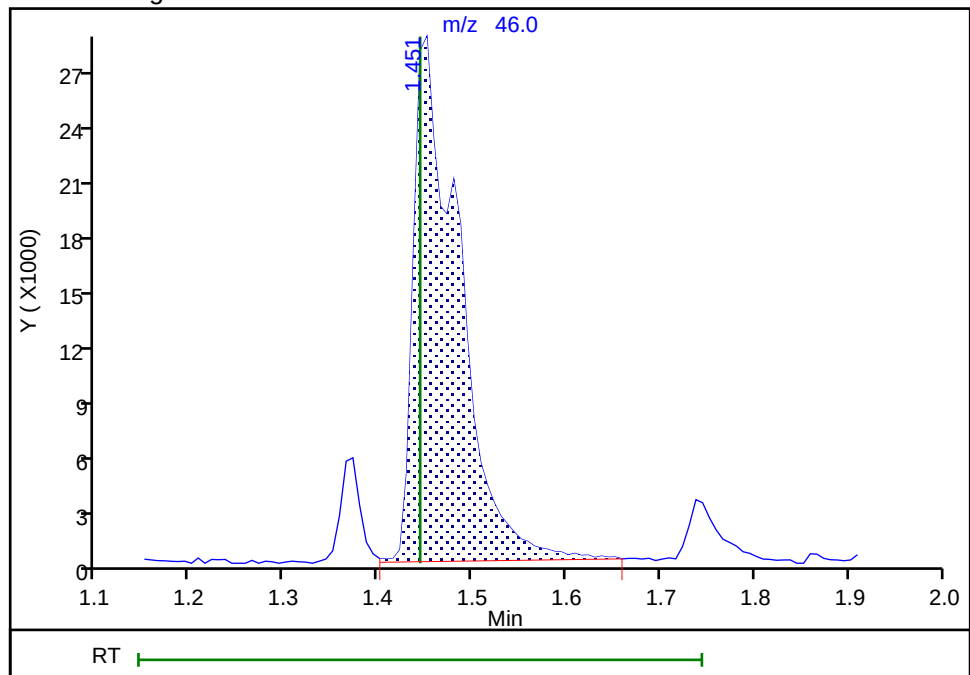
RT: 1.45
Area: 58502
Amount: 7474.8139
Amount Units: ug/l

Processing Integration Results



RT: 1.45
Area: 94778
Amount: 7982.5095
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 25-Sep-2019 15:20:49

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 25-Sep-2019 14:42:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0098145-009
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 25-Sep-2019 17:40:42 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0320

First Level Reviewer: pakanatir

Date: 25-Sep-2019 16:06:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.757	0.756	0.001	98	26179	500.0	135.3	
2 Chlorotrifluoroethene	116	0.800	0.792	0.008	84	422681	500.0	335.9	
3 Dichlorodifluoromethane	85	0.807	0.807	0.000	99	944636	500.0	227.2	
4 1,1-Difluoroethane	65	0.821	0.821	0.000	97	561581	500.0	394.7	
5 Chlorodifluoromethane	67	0.835	0.835	0.000	97	233517	500.0	361.9	a
6 Chloromethane	50	0.907	0.907	0.000	98	935838	500.0	360.0	
8 Butadiene	54	0.943	0.936	0.007	96	916288	500.0	501.3	
7 Vinyl chloride	62	0.936	0.936	0.000	98	1216675	500.0	353.5	
9 Bromomethane	94	1.086	1.093	-0.007	99	1462212	500.0	448.4	
10 Chloroethane	64	1.143	1.143	0.000	99	751449	500.0	273.2	
11 Pentane	72	1.215	1.208	0.007	96	570397	1000.0	999.5	
12 Trichlorofluoromethane	101	1.215	1.215	0.000	98	2371403	500.0	410.5	
13 Dichlorofluoromethane	67	1.244	1.244	0.000	98	2938727	500.0	492.7	
14 2-Methyl-1,3-butadiene	67	1.365	1.358	0.007	96	2293260	500.0	543.6	
15 Ethyl ether	59	1.373	1.358	0.015	92	1446847	500.0	545.3	
16 Ethanol	46	1.473	1.444	0.029	51	256748	20000	20002	
17 1,1-Dichloroethene	96	1.466	1.466	0.000	95	1851664	500.0	528.2	
18 1,2-Dichloro-1,1,2-trifluo	67	1.459	1.466	-0.007	86	2062415	500.0	435.5	
20 1,1,2-Trichloro-1,2,2-trif	101	1.487	1.480	0.007	95	1823750	500.0	562.2	
19 Carbon disulfide	76	1.480	1.480	0.000	99	6202550	500.0	546.1	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.494	1.494	0.000	93	2410857	500.0	468.0	a
22 Iodomethane	142	1.537	1.537	0.000	99	3880593	500.0	552.9	
23 Cyclopentene	67	1.616	1.616	0.000	97	3678893	500.0	494.4	
24 Acrolein	56	1.638	1.637	0.001	97	88623	400.0	419.8	
25 3-Chloro-1-propene	76	1.716	1.709	0.007	87	1037675	500.0	495.9	
26 Isopropyl alcohol	45	1.759	1.738	0.021	97	760854	5000.0	4398.0	
27 Methylene Chloride	84	1.774	1.774	0.000	87	1948044	500.0	493.0	
28 Acetone	43	1.802	1.795	0.007	86	1750310	2500.0	2499.7	
29 trans-1,2-Dichloroethene	96	1.860	1.860	0.000	90	2059454	500.0	532.8	
30 Methyl acetate	43	1.867	1.867	0.000	97	1544800	1000.0	983.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.924	1.910	0.014	81	287971	500.0	504.8	
32 Methyl tert-butyl ether	73	1.931	1.924	0.007	97	5351665	500.0	531.9	
* 33 TBA-d9 (IS)	65	1.967	1.953	0.014	0	254608	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.010	1.996	0.014	98	1227067	5000.0	4883.2	
35 Acetonitrile	41	2.067	2.060	0.007	98	1071090	5000.0	4598.2	
36 Isopropyl ether	45	2.168	2.153	0.015	93	4524811	500.0	535.3	
37 2-Chloro-1,3-butadiene	88	2.218	2.203	0.015	95	1581520	500.0	556.2	
38 1,1-Dichloroethane	63	2.218	2.218	0.000	99	2893010	500.0	554.8	
39 Acrylonitrile	53	2.261	2.246	0.015	92	4580271	5000.0	5707.6	
40 Tert-butyl ethyl ether	59	2.397	2.382	0.015	59	4974412	500.0	559.1	
41 Vinyl acetate	43	2.397	2.382	0.015	99	6316990	1000.0	1148.1	
42 cis-1,2-Dichloroethene	96	2.569	2.569	0.000	96	1860582	500.0	529.7	
43 2,2-Dichloropropane	77	2.640	2.633	0.007	97	2189033	500.0	509.3	
44 Cyclohexane	56	2.705	2.698	0.007	88	1947730	500.0	562.5	
45 Chlorobromomethane	128	2.705	2.698	0.007	84	1091193	500.0	544.6	
46 Chloroform	83	2.762	2.762	0.000	99	2870776	500.0	520.5	
47 Carbon tetrachloride	117	2.855	2.848	0.007	98	2563376	500.0	575.6	
48 Ethyl acetate	70	2.870	2.862	0.008	100	325572	1000.0	1136.1	
49 Methyl acrylate	55	2.870	2.862	0.008	56	1135085	500.0	537.7	
50 Tetrahydrofuran	42	2.870	2.870	0.000	89	938809	1000.0	1011.7	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.891	0.000	97	177936	50.0	52.6	
52 1,1,1-Trichloroethane	97	2.906	2.891	0.015	98	2644365	500.0	523.7	
* 53 2-Butanone-d5	46	2.956	2.948	0.008	0	222091	250.0	250.0	
54 2-Butanone (MEK)	72	2.999	2.984	0.015	99	855265	2500.0	2674.7	
55 1,1-Dichloropropene	75	3.006	2.991	0.015	96	2192425	500.0	517.0	
56 Isooctane	57	3.092	3.084	0.008	98	2076701	500.0	508.7	
57 n-Heptane	57	3.185	3.178	0.007	80	595629	500.0	687.4	
58 Benzene	78	3.192	3.178	0.014	97	6903337	500.0	546.3	
59 Propionitrile	54	3.228	3.199	0.029	95	1789443	5000.0	5919.4	
60 Methacrylonitrile	67	3.242	3.213	0.029	89	6323713	5000.0	6205.8	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.292	3.278	0.014	0	189216	50.0	56.8	
62 Tert-amyl methyl ether	73	3.299	3.292	0.007	98	4625688	500.0	543.3	
63 1,2-Dichloroethane	62	3.342	3.335	0.007	98	2149117	500.0	520.5	
64 Isobutyl alcohol	43	3.436	3.414	0.022	98	1197801	12500	14089	
65 t-Amyl alcohol	59	3.500	3.486	0.014	97	935678	5000.0	5452.2	
* 66 Fluorobenzene	96	3.529	3.521	0.008	99	663093	50.0	50.0	
67 Isopropyl acetate	43	3.593	3.586	0.007	99	2324512	500.0	508.8	
68 Methylcyclohexane	83	3.658	3.643	0.015	92	1752769	500.0	539.3	
69 Trichloroethene	130	3.672	3.665	0.007	95	2143583	500.0	543.4	
70 2-ethoxy-2-methyl butane	59	3.915	3.908	0.007	96	3765336	500.0	541.7	
71 Dibromomethane	93	4.030	4.030	0.000	90	1085090	500.0	552.9	
72 n-Butanol	56	4.059	4.044	0.015	88	780398	12500	15173	
73 1,2-Dichloropropane	63	4.130	4.116	0.014	87	1551983	500.0	529.1	
75 Dichlorobromomethane	83	4.209	4.202	0.007	98	2352169	500.0	564.3	
74 Ethyl acrylate	55	4.202	4.202	0.000	98	1639310	500.0	499.9	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	26785	1000.0	1000.0	
77 Methyl methacrylate	100	4.403	4.395	0.008	84	889446	1000.0	1078.4	
78 1,4-Dioxane	88	4.424	4.424	0.000	92	307838	10000	9852.4	
79 n-Propyl acetate	43	4.553	4.553	0.000	98	1597424	500.0	535.5	
80 2-Chloroethyl vinyl ether	63	4.818	4.811	0.007	95	930804	501.2	552.3	
81 cis-1,3-Dichloropropene	75	4.847	4.839	0.008	94	2725773	500.0	556.3	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.040	0.000	99	617420	50.0	47.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	5.097	5.090	0.007	93	7503051	500.0	508.5	
84 Epichlorohydrin	57	5.126	5.119	0.007	99	2456276	10000	12279	
85 2-Nitropropane	41	5.348	5.341	0.007	100	715634	1000.0	1031.4	
86 Tetrachloroethene	166	5.520	5.520	0.000	98	2034270	500.0	524.3	
87 4-Methyl-2-pentanone (MIBK)	43	5.570	5.556	0.014	95	5843797	2500.0	2751.6	
88 trans-1,3-Dichloropropene	75	5.599	5.591	0.008	98	2633503	500.0	605.7	
89 1,1,2-Trichloroethane	83	5.771	5.763	0.008	94	1174599	500.0	541.2	
90 Ethyl methacrylate	69	5.850	5.849	0.001	87	1896611	500.0	540.2	
91 Chlorodibromomethane	129	5.964	5.957	0.007	97	2045037	500.0	581.5	
92 1,3-Dichloropropane	76	6.079	6.071	0.008	92	2371790	500.0	546.0	
93 Ethylene Dibromide	107	6.208	6.200	0.008	98	1601181	500.0	569.8	
94 n-Butyl acetate	43	6.559	6.551	0.008	98	1858455	500.0	533.6	
95 2-Hexanone	43	6.623	6.616	0.007	94	3989199	2500.0	2744.7	
* 96 Chlorobenzene-d5	117	6.902	6.895	0.007	85	550578	50.0	50.0	
97 Chlorobenzene	112	6.924	6.917	0.007	97	5285260	500.0	522.9	
98 Ethylbenzene	106	7.010	6.995	0.015	98	2871151	500.0	535.8	
99 1,1,1,2-Tetrachloroethane	131	7.039	7.024	0.015	95	2128588	500.0	580.1	
100 m-Xylene & p-Xylene	106	7.218	7.217	0.001	0	3373497	500.0	516.5	
101 o-Xylene	106	7.805	7.798	0.007	95	3293443	500.0	529.1	
102 Bromoform	173	7.869	7.862	0.007	96	1534330	500.0	753.6	
103 Styrene	104	7.891	7.884	0.007	96	5675062	500.0	550.2	
104 n-Butyl acrylate	73	8.220	8.213	0.007	98	1129834	500.0	557.0	
105 Isopropylbenzene	105	8.292	8.285	0.007	95	7567326	500.0	519.0	
106 Amyl acetate (mixed isomer)	43	8.636	8.629	0.007	91	2342060	500.0	515.2	
\$ 107 4-Bromofluorobenzene	174	8.665	8.657	0.008	96	240906	50.0	51.0	
108 Bromobenzene	156	8.765	8.765	0.000	87	2598633	500.0	531.5	
109 N-Propylbenzene	91	8.922	8.915	0.007	99	8157506	500.0	509.4	
110 1,1,2,2-Tetrachloroethane	83	9.073	9.066	0.007	96	1799088	500.0	532.0	
111 2-Chlorotoluene	91	9.094	9.087	0.007	98	6563313	500.0	530.5	
112 4-Ethyltoluene	105	9.116	9.109	0.007	99	7687007	500.0	517.7	
113 1,2,3-Trichloropropane	110	9.202	9.194	0.008	96	562921	500.0	499.0	
114 1,3,5-Trimethylbenzene	105	9.281	9.266	0.015	94	6287711	500.0	507.4	
115 trans-1,4-Dichloro-2-buten	53	9.331	9.323	0.008	93	512745	500.0	609.8	
116 4-Chlorotoluene	91	9.367	9.352	0.015	96	5945624	500.0	533.9	
117 tert-Butylbenzene	119	9.732	9.725	0.007	96	5049701	500.0	503.6	
118 1,2,4-Trimethylbenzene	105	9.868	9.861	0.007	97	7246224	500.0	544.6	
119 Butyl Methacrylate	87	9.875	9.868	0.007	89	2716064	500.0	597.8	
120 sec-Butylbenzene	105	10.033	10.018	0.015	98	6525586	500.0	507.4	
121 1,3-Dichlorobenzene	146	10.283	10.276	0.007	97	4613943	500.0	546.6	
122 4-Isopropyltoluene	119	10.312	10.298	0.014	98	6302561	500.0	516.0	
* 123 1,4-Dichlorobenzene-d4	152	10.420	10.412	0.008	94	331782	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.448	10.434	0.014	96	4652689	500.0	499.2	
125 1,2,3-Trimethylbenzene	105	10.548	10.541	0.007	98	7007196	500.0	505.9	
126 2,3-Dihydroindene	117	10.728	10.713	0.015	94	7466906	500.0	512.3	
127 Benzyl chloride	126	10.892	10.892	0.000	99	844729	500.0	559.6	
128 p-Diethylbenzene	119	10.921	10.906	0.015	96	3229097	500.0	505.8	
129 n-Butylbenzene	91	11.000	10.992	0.008	97	4637704	500.0	500.4	
130 1,2-Dichlorobenzene	146	11.114	11.100	0.014	98	4503453	500.0	533.5	
131 1,2,4,5-Tetramethylbenzene	119	12.067	12.060	0.007	98	5929938	500.0	516.9	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	91	449816	500.0	532.0	
133 1,3,5-Trichlorobenzene	180	12.253	12.246	0.007	98	2721873	500.0	531.0	
134 1,2,4-Trichlorobenzene	180	12.934	12.934	0.000	94	2774722	500.0	570.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.955	12.948	0.007	96	966792	500.0	566.7	
136 Naphthalene	128	13.235	13.234	0.001	99	5845177	500.0	519.6	
137 1,2,3-Trichlorobenzene	180	13.407	13.406	0.001	96	2376920	500.0	532.7	
S 138 1,2-Dichloroethene, Total	100				0		1000.0	1062.5	
S 139 1,3-Dichloropropene, Total	100				0		1000.0	1162.0	
S 140 Xylenes, Total	100				0		1000.0	1045.6	
S 142 Total BTEX	1				0		2500.0	2636.2	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

MIX 2 Hi_00088	Amount Added: 50.00	Units: uL	
MIX I Hi_00115	Amount Added: 50.00	Units: uL	
Ethanol mix_00032	Amount Added: 50.00	Units: uL	
GAS Hi_00324	Amount Added: 50.00	Units: uL	
8FreonHi_00008	Amount Added: 50.00	Units: uL	
ACROLEIN W_00095	Amount Added: 40.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D

Injection Date: 25-Sep-2019 14:42:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD500

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

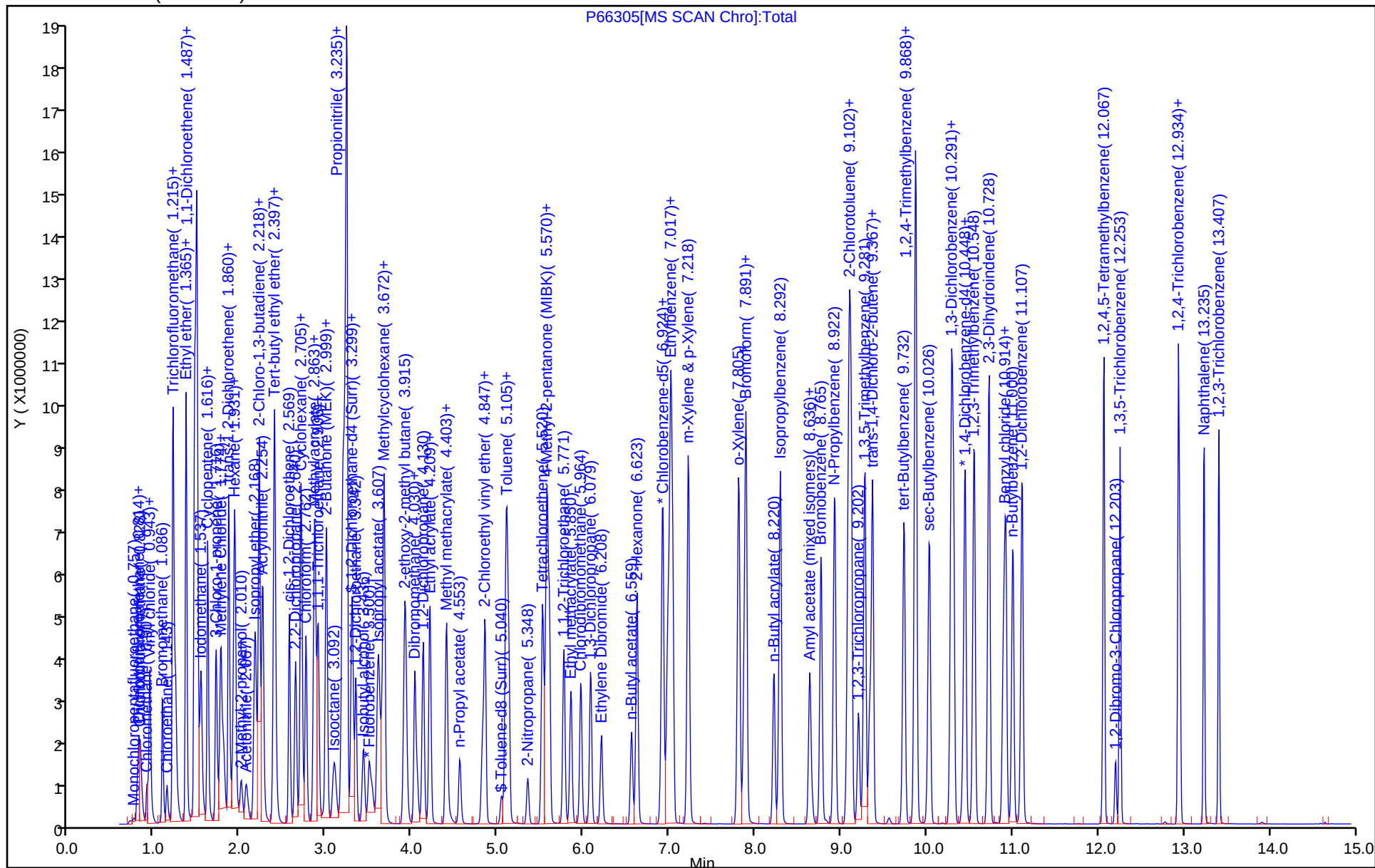
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D

Injection Date: 25-Sep-2019 14:42:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

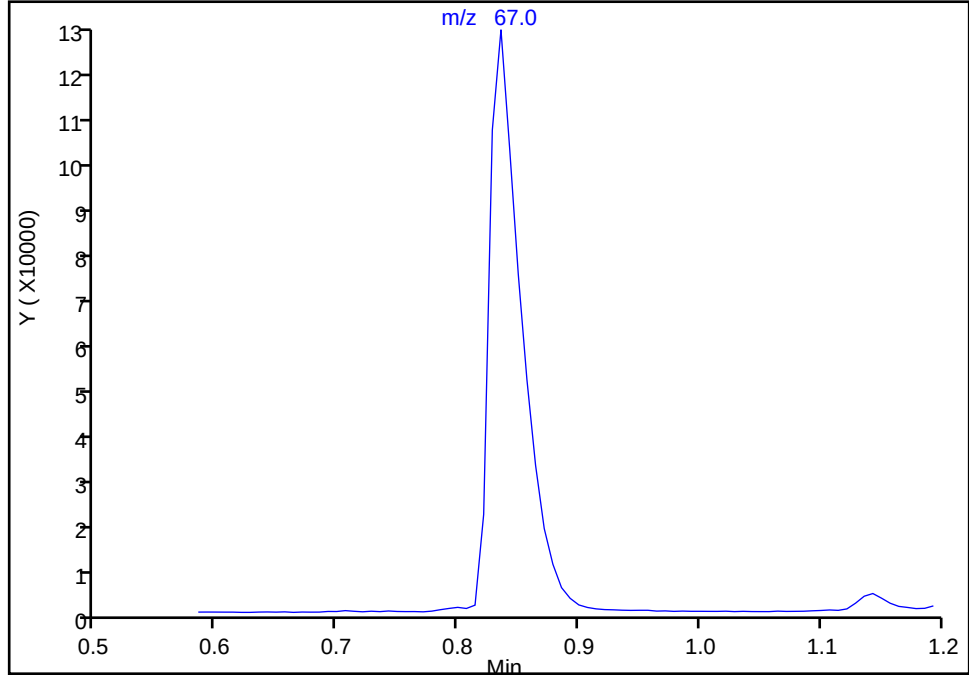
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

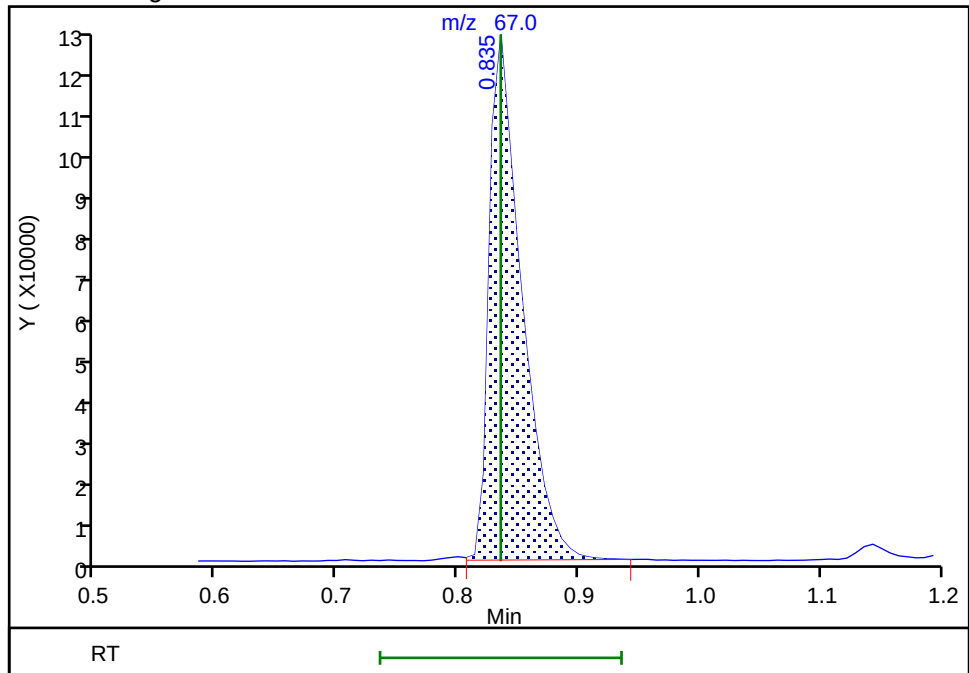
Not Detected

Expected RT: 0.84

Processing Integration Results



Manual Integration Results



RT: 0.84
Area: 233517
Amount: 361.8821
Amount Units: ug/l

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D

Injection Date: 25-Sep-2019 14:42:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

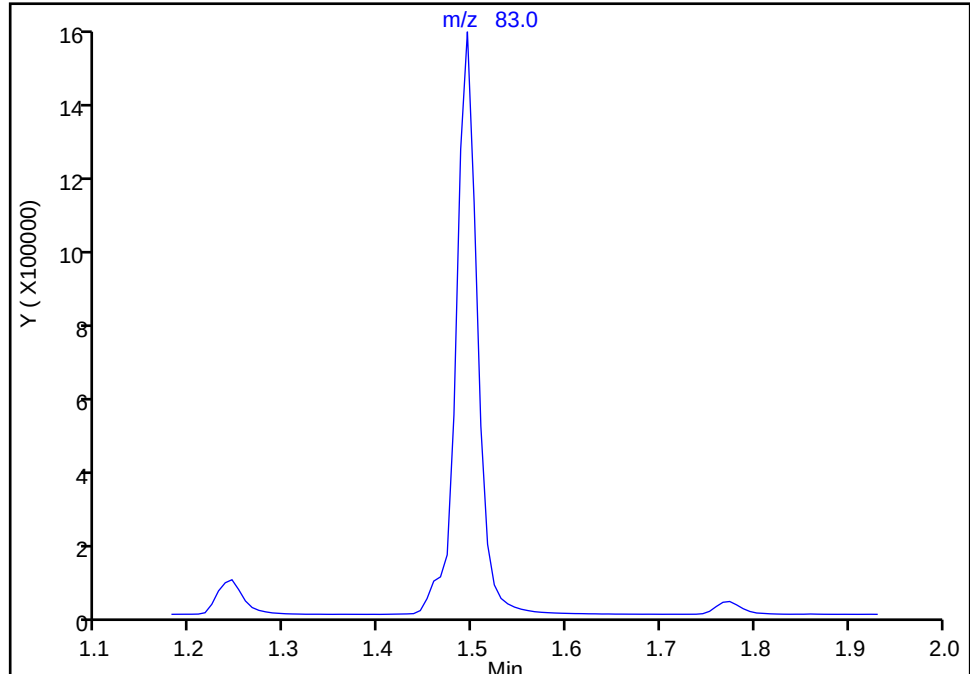
21 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

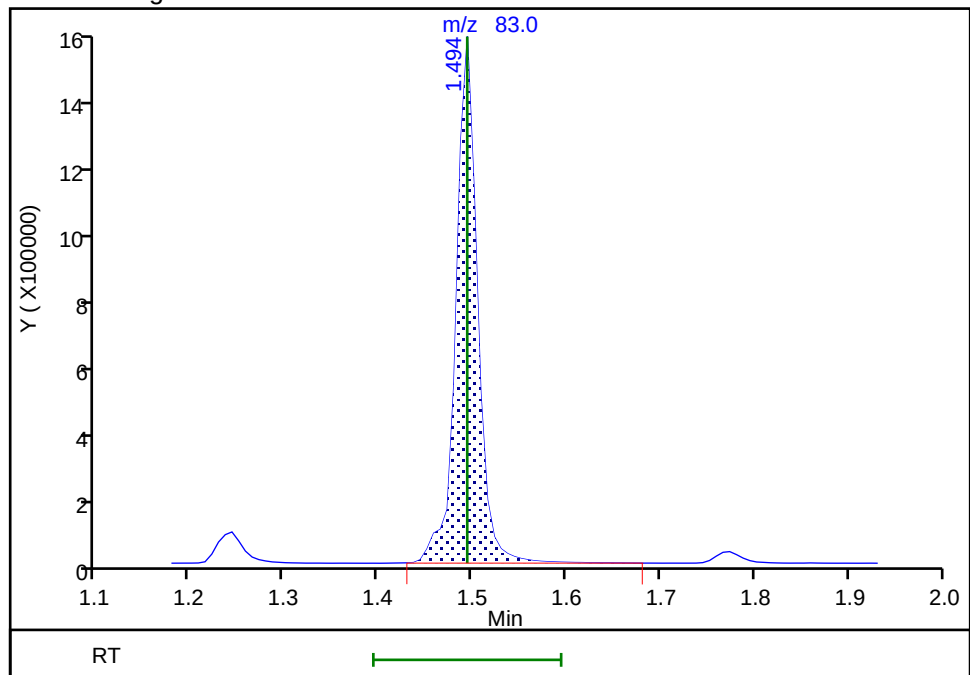
Not Detected

Expected RT: 1.49

Processing Integration Results



Manual Integration Results



RT: 1.49

Area: 2410857

Amount: 467.9825

Amount Units: ug/l

Reviewer: pakanatir, 25-Sep-2019 16:01:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-645366/3 Calibration Date: 10/08/2019 10:07
 Instrument ID: CVOAMS13 Calib Start Date: 09/25/2019 11:47
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 09/25/2019 14:42
 Lab File ID: P66990.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	0.0146	0.0282		38.6	20.0	93.0*	20.0
Chlorotrifluoroethene	Ave	0.0949	0.1041		22.0	20.0	9.8	20.0
Dichlorodifluoromethane	Ave	0.3135	0.3653	0.1000	23.3	20.0	16.5	20.0
1,1-Difluoroethane	Ave	0.1073	0.1356		25.3	20.0	26.3*	20.0
Chlorodifluoromethane	Ave	0.0487	0.0510		21.0	20.0	4.8	20.0
Chloromethane	Ave	0.1960	0.1603	0.1000	16.4	20.0	-18.2	20.0
Butadiene	QuaF		0.2656		26.6	20.0	32.8*	20.0
Vinyl chloride	Ave	0.2596	0.3180	0.1000	24.5	20.0	22.5*	20.0
Bromomethane	Ave	3.671	4.648	0.1000	25.3	20.0	26.6	50.0
Chloroethane	Ave	0.2074	0.2722	0.1000	26.2	20.0	31.2	50.0
Pentane	QuaF		2.680		46.3	40.0	15.7	20.0
Trichlorofluoromethane	Ave	0.4356	0.5152	0.1000	23.7	20.0	18.3	20.0
Dichlorofluoromethane	Ave	0.4497	0.4999		22.2	20.0	11.2	20.0
2-Methyl-1,3-butadiene	Ave	0.3181	0.3381		21.3	20.0	6.3	20.0
Ethyl ether	Ave	0.2001	0.2059		20.6	20.0	2.9	20.0
Ethanol	QuaF		0.0630		982	800	22.7	50.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.3571	0.3750		21.0	20.0	5.0	20.0
1,1-Dichloroethene	Ave	0.2643	0.2795	0.1000	21.1	20.0	5.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2446	0.2602	0.1000	21.3	20.0	6.4	20.0
Carbon disulfide	Ave	0.8565	0.7861	0.1000	18.4	20.0	-8.2	50.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3885	0.4279		22.0	20.0	10.2	20.0
Iodomethane	Ave	0.5293	0.3266		12.3	20.0	-38.3*	20.0
Cyclopentene	Ave	0.5611	0.6168		22.0	20.0	9.9	20.0
Acrolein	Lin2		1.519		72.2	40.0	80.4*	50.0
Allyl chloride	Ave	0.1578	0.1629		20.6	20.0	3.2	20.0
Isopropyl alcohol	Ave	0.6795	0.6668		196	200	-1.9	50.0
Methylene Chloride	Ave	0.2979	0.3226	0.1000	21.7	20.0	8.3	20.0
Acetone	QuaF		0.8027	0.0500	106	100	5.6	50.0
trans-1,2-Dichloroethene	Ave	0.2915	0.3250	0.1000	22.3	20.0	11.5	20.0
Methyl acetate	Ave	6.167	7.686	0.1000	49.9	40.0	24.6*	20.0
Hexane	Ave	0.0430	0.0471		21.9	20.0	9.4	20.0
Methyl tert-butyl ether	Ave	0.7587	0.7625	0.1000	20.1	20.0	0.5	20.0
2-Methyl-2-propanol	Lin2		1.045		210	200	4.8	50.0
Acetonitrile	Ave	0.9149	1.096		239	200	19.7	20.0
Isopropyl ether	Ave	0.6374	0.6561		20.6	20.0	2.9	20.0
2-Chloro-1,3-butadiene	Ave	0.2144	0.2330		21.7	20.0	8.7	20.0
1,1-Dichloroethane	Ave	0.3932	0.4088	0.2000	20.8	20.0	4.0	20.0
Acrylonitrile	Ave	0.0605	0.0669		221	200	10.6	20.0
Tert-butyl ethyl ether	Ave	0.6709	0.6721		20.0	20.0	0.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1

SDG No.: _____

Lab Sample ID: CCVIS 460-645366/3 Calibration Date: 10/08/2019 10:07

Instrument ID: CVOAMS13 Calib Start Date: 09/25/2019 11:47

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 09/25/2019 14:42

Lab File ID: P66990.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
Vinyl acetate	Ave	0.4149	0.3954		38.1	40.0	-4.7	20.0
cis-1,2-Dichloroethene	Ave	0.2648	0.2946	0.1000	22.3	20.0	11.3	20.0
2,2-Dichloropropane	Ave	0.3241	0.3122		19.3	20.0	-3.7	20.0
Chlorobromomethane	Ave	0.1511	0.1603		21.2	20.0	6.1	20.0
Cyclohexane	Ave	0.2611	0.2808	0.1000	21.5	20.0	7.5	50.0
Chloroform	Ave	0.4159	0.4403	0.2000	21.2	20.0	5.9	20.0
Carbon tetrachloride	Ave	0.3358	0.3063	0.1000	18.2	20.0	-8.8	20.0
Ethyl acetate	Ave	0.3226	0.3806		47.2	40.0	18.0	20.0
Methyl acrylate	Ave	0.1592	0.1499		18.8	20.0	-5.8	20.0
Tetrahydrofuran	Ave	1.045	1.035		39.6	40.0	-0.9	20.0
1,1,1-Trichloroethane	Ave	0.3807	0.3799	0.1000	20.0	20.0	-0.2	20.0
2-Butanone (MEK)	Ave	0.3599	0.3889	0.0500	108	100	8.0	50.0
1,1-Dichloropropene	Ave	0.3198	0.3344		20.9	20.0	4.6	20.0
2,2,4-Trimethylpentane	Ave	0.3078	0.3295		21.4	20.0	7.0	20.0
n-Heptane	Ave	0.0653	0.0848		26.0	20.0	29.8*	20.0
Benzene	Ave	1.148	1.240	0.5000	21.6	20.0	8.0	20.0
Propionitrile	Ave	1.187	1.409		237	200	18.7	20.0
Methacrylonitrile	Ave	0.0768	0.0819		213	200	6.6	20.0
Tert-amyl methyl ether	Ave	0.6420	0.6464		20.1	20.0	0.7	20.0
1,2-Dichloroethane	Ave	0.3113	0.2966	0.1000	19.1	20.0	-4.7	20.0
Isobutyl alcohol	Ave	0.3339	0.2947		441	500	-11.8	50.0
Isopropyl acetate	Ave	0.3445	0.3074		17.8	20.0	-10.8	20.0
Methylcyclohexane	Ave	0.2451	0.2615	0.1000	21.3	20.0	6.7	50.0
Trichloroethene	Ave	0.2974	0.3161	0.2000	21.3	20.0	6.3	20.0
Dibromomethane	Ave	0.1480	0.1615		21.8	20.0	9.1	20.0
n-Butanol	Ave	0.2020	0.1865		461	500	-7.7	50.0
1,2-Dichloropropane	Ave	0.2212	0.2297	0.1000	20.8	20.0	3.8	20.0
Bromodichloromethane	Ave	0.3143	0.3004	0.2000	19.1	20.0	-4.4	20.0
Ethyl acrylate	QuaF		0.2263		19.3	20.0	-3.7	20.0
Methyl methacrylate	Ave	0.0622	0.0630		40.5	40.0	1.3	20.0
1,4-Dioxane	Ave	1.167	1.302		446	400	11.6	50.0
n-Propyl acetate	Ave	0.2249	0.2162		19.2	20.0	-3.9	20.0
2-Chloroethyl vinyl ether	Ave	0.1271	0.1310		20.7	20.0	3.1	20.0
cis-1,3-Dichloropropene	Ave	0.4450	0.4196	0.2000	18.9	20.0	-5.7	50.0
Toluene	Ave	1.340	1.420	0.4000	21.2	20.0	6.0	20.0
Epichlorohydrin	Ave	0.2252	0.2513		446	400	11.6	20.0
2-Nitropropane	Ave	0.0523	0.0301		23.0	40.0	-42.6*	20.0
Tetrachloroethene	Ave	0.3524	0.3813	0.2000	21.6	20.0	8.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.391	2.527	0.0500	106	100	5.7	50.0
trans-1,3-Dichloropropene	Ave	0.3948	0.3712	0.1000	18.8	20.0	-6.0	50.0
1,1,2-Trichloroethane	Ave	0.1971	0.2130	0.1000	21.6	20.0	8.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-645366/3 Calibration Date: 10/08/2019 10:07
 Instrument ID: CVOAMS13 Calib Start Date: 09/25/2019 11:47
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 09/25/2019 14:42
 Lab File ID: P66990.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
Ethyl methacrylate	Ave	0.2647	0.2589		19.6	20.0	-2.2	20.0
Dibromochloromethane	Ave	0.3194	0.2908	0.1000	18.2	20.0	-9.0	50.0
1,3-Dichloropropane	Ave	0.3945	0.4447		22.5	20.0	12.7	20.0
1,2-Dibromoethane	Ave	0.2552	0.2826	0.1000	22.1	20.0	10.7	20.0
n-Butyl acetate	Ave	0.3163	0.2699		17.1	20.0	-14.7	20.0
2-Hexanone	Ave	1.636	1.716	0.0500	105	100	4.9	50.0
Chlorobenzene	Ave	0.9179	1.002	0.5000	21.8	20.0	9.2	20.0
Ethylbenzene	Ave	0.4867	0.5115	0.1000	21.0	20.0	5.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3332	0.3179		19.1	20.0	-4.6	20.0
m&p-Xylene	Ave	0.5931	0.6180	0.1000	20.8	20.0	4.2	20.0
o-Xylene	Ave	0.5653	0.6075	0.3000	21.5	20.0	7.5	20.0
Bromoform	Ave	0.1849	0.1681	0.1000	18.2	20.0	-9.1	20.0
Styrene	Ave	0.9367	0.9922	0.3000	21.2	20.0	5.9	20.0
n-Butyl acrylate	Ave	0.1842	0.1787		19.4	20.0	-3.0	20.0
Isopropylbenzene	Ave	1.324	1.440	0.1000	21.8	20.0	8.8	20.0
Amyl acetate (mixed isomers)	Ave	0.6851	0.5888		17.2	20.0	-14.1	20.0
Bromobenzene	Ave	0.7369	0.7794		21.2	20.0	5.8	20.0
N-Propylbenzene	Ave	2.413	2.687		22.3	20.0	11.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5097	0.5358	0.3000	21.0	20.0	5.1	20.0
2-Chlorotoluene	Ave	1.864	1.969		21.1	20.0	5.6	20.0
4-Ethyltoluene	Ave	2.238	2.443		21.8	20.0	9.2	20.0
1,2,3-Trichloropropane	Ave	0.1700	0.1769		20.8	20.0	4.1	20.0
1,3,5-Trimethylbenzene	Ave	1.867	1.975		21.2	20.0	5.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1267	0.1036		16.4	20.0	-18.2	20.0
4-Chlorotoluene	Ave	1.678	1.810		21.6	20.0	7.9	20.0
tert-Butylbenzene	Ave	1.511	1.639		21.7	20.0	8.5	20.0
1,2,4-Trimethylbenzene	Ave	2.005	2.107		21.0	20.0	5.1	20.0
Butyl Methacrylate	Ave	0.6847	0.6482		18.9	20.0	-5.3	20.0
sec-Butylbenzene	Ave	1.938	2.174		22.4	20.0	12.1	20.0
1,3-Dichlorobenzene	Ave	1.272	1.380	0.6000	21.7	20.0	8.5	20.0
4-Isopropyltoluene	Ave	1.841	1.939		21.1	20.0	5.4	20.0
1,4-Dichlorobenzene	Ave	1.404	1.437	0.5000	20.5	20.0	2.3	20.0
1,2,3-Trimethylbenzene	Ave	2.087	2.202		21.1	20.0	5.5	20.0
Indan	Ave	2.197	2.403		21.9	20.0	9.4	20.0
Benzyl chloride	Ave	0.2275	0.1194		10.5	20.0	-47.5	50.0
p-Diethylbenzene	Ave	0.9621	1.013		21.0	20.0	5.2	20.0
n-Butylbenzene	Ave	1.397	1.495		21.4	20.0	7.0	20.0
1,2-Dichlorobenzene	Ave	1.272	1.393	0.4000	21.9	20.0	9.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.729	1.846		21.4	20.0	6.8	20.0
1,2-Dibromo-3-Chloropropane	Lin2		0.0988	0.0500	15.7	20.0	-21.5	50.0
1,3,5-Trichlorobenzene	Ave	0.7725	0.8531		22.1	20.0	10.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-645366/3 Calibration Date: 10/08/2019 10:07
 Instrument ID: CVOAMS13 Calib Start Date: 09/25/2019 11:47
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 09/25/2019 14:42
 Lab File ID: P66990.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.7331	0.7668	0.2000	20.9	20.0	4.6	20.0
Hexachlorobutadiene	Ave	0.2571	0.2637		20.5	20.0	2.6	20.0
Naphthalene	Ave	1.695	1.763		20.8	20.0	4.0	50.0
1,2,3-Trichlorobenzene	Ave	0.6725	0.6877		20.5	20.0	2.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2550	0.2540		49.8	50.0	-0.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2512	0.2358		46.9	50.0	-6.1	20.0
Toluene-d8 (Surr)	Ave	1.179	1.195		50.7	50.0	1.4	20.0
4-Bromofluorobenzene	Ave	0.4286	0.4230		49.3	50.0	-1.3	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66990.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 08-Oct-2019 10:07:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0098932-003
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2019 11:56:05 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0326

First Level Reviewer: desais

Date: 08-Oct-2019 09:30:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.764	0.764	0.000	92	4688	20.0	38.6	a
2 Chlorotrifluoroethene	116	0.792	0.792	0.000	85	17330	20.0	22.0	
3 Dichlorodifluoromethane	85	0.814	0.814	0.000	99	60785	20.0	23.3	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	96	22558	20.0	25.3	
5 Chlorodifluoromethane	67	0.842	0.842	0.000	97	8489	20.0	21.0	a
6 Chloromethane	50	0.928	0.928	0.000	93	26669	20.0	16.4	M
8 Butadiene	54	0.936	0.936	0.000	94	44195	20.0	26.6	
7 Vinyl chloride	62	0.943	0.943	0.000	98	52917	20.0	24.5	
9 Bromomethane	94	1.100	1.100	0.000	98	46735	20.0	25.3	
10 Chloroethane	64	1.150	1.150	0.000	99	45293	20.0	26.2	
11 Pentane	72	1.208	1.208	0.000	96	14736	40.0	46.3	
12 Trichlorofluoromethane	101	1.208	1.208	0.000	98	85730	20.0	23.7	
13 Dichlorofluoromethane	67	1.236	1.236	0.000	99	83191	20.0	22.2	
14 2-Methyl-1,3-butadiene	67	1.358	1.358	0.000	96	56270	20.0	21.3	
15 Ethyl ether	59	1.358	1.358	0.000	93	34266	20.0	20.6	
16 Ethanol	46	1.444	1.444	0.000	99	6929	800.0	981.9	
18 1,2-Dichloro-1,1,2-trifluo	67	1.458	1.458	0.000	81	62396	20.0	21.0	
17 1,1-Dichloroethene	96	1.466	1.466	0.000	95	46516	20.0	21.1	
19 Carbon disulfide	76	1.480	1.480	0.000	100	130812	20.0	18.4	
20 1,1,2-Trichloro-1,2,2-trif	101	1.480	1.480	0.000	82	43295	20.0	21.3	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.494	1.494	0.000	92	71211	20.0	22.0	a
22 Iodomethane	142	1.537	1.537	0.000	98	54345	20.0	12.3	
23 Cyclopentene	67	1.616	1.616	0.000	96	102645	20.0	22.0	
24 Acrolein	56	1.638	1.638	0.000	96	8352	40.0	72.2	
25 3-Chloro-1-propene	76	1.709	1.709	0.000	88	27105	20.0	20.6	
26 Isopropyl alcohol	45	1.738	1.738	0.000	96	18330	200.0	196.3	
27 Methylene Chloride	84	1.774	1.774	0.000	86	53678	20.0	21.7	
28 Acetone	43	1.795	1.795	0.000	88	40357	100.0	105.6	
29 trans-1,2-Dichloroethene	96	1.860	1.860	0.000	90	54088	20.0	22.3	
30 Methyl acetate	43	1.867	1.867	0.000	97	42258	40.0	49.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.903	1.903	0.000	90	7831	20.0	21.9	
32 Methyl tert-butyl ether	73	1.924	1.924	0.000	97	126879	20.0	20.1	
* 33 TBA-d9 (IS)	65	1.946	1.946	0.000	0	137453	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.996	1.996	0.000	99	28721	200.0	209.6	
35 Acetonitrile	41	2.060	2.060	0.000	100	30116	200.0	239.5	
36 Isopropyl ether	45	2.153	2.153	0.000	93	109186	20.0	20.6	
37 2-Chloro-1,3-butadiene	88	2.203	2.203	0.000	88	38771	20.0	21.7	
38 1,1-Dichloroethane	63	2.218	2.218	0.000	99	68031	20.0	20.8	
39 Acrylonitrile	53	2.246	2.246	0.000	92	111343	200.0	221.1	
40 Tert-butyl ethyl ether	59	2.383	2.383	0.000	90	111837	20.0	20.0	
41 Vinyl acetate	43	2.383	2.383	0.000	99	131587	40.0	38.1	
42 cis-1,2-Dichloroethene	96	2.569	2.569	0.000	96	49029	20.0	22.3	
43 2,2-Dichloropropane	77	2.633	2.633	0.000	96	51950	20.0	19.3	
44 Cyclohexane	56	2.698	2.698	0.000	87	46730	20.0	21.5	
45 Chlorobromomethane	128	2.698	2.698	0.000	80	26670	20.0	21.2	
46 Chloroform	83	2.762	2.762	0.000	99	73265	20.0	21.2	
47 Carbon tetrachloride	117	2.848	2.848	0.000	97	50972	20.0	18.2	
48 Ethyl acetate	70	2.862	2.862	0.000	97	7653	40.0	47.2	
49 Methyl acrylate	55	2.862	2.862	0.000	87	24947	20.0	18.8	
50 Tetrahydrofuran	42	2.870	2.870	0.000	93	20817	40.0	39.6	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.891	0.000	97	105671	50.0	49.8	
52 1,1,1-Trichloroethane	97	2.891	2.891	0.000	96	63212	20.0	20.0	
* 53 2-Butanone-d5	46	2.948	2.948	0.000	0	125685	250.0	250.0	
54 2-Butanone (MEK)	72	2.984	2.984	0.000	98	19551	100.0	108.0	
55 1,1-Dichloropropene	75	2.991	2.991	0.000	95	55646	20.0	20.9	
56 Isooctane	57	3.077	3.077	0.000	98	54827	20.0	21.4	
57 n-Heptane	57	3.170	3.170	0.000	80	14112	20.0	26.0	
58 Benzene	78	3.178	3.178	0.000	95	171448	20.0	21.6	
59 Propionitrile	54	3.199	3.199	0.000	99	38743	200.0	237.4	
60 Methacrylonitrile	67	3.213	3.213	0.000	90	136241	200.0	213.1	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.278	3.278	0.000	0	98112	50.0	46.9	
62 Tert-amyl methyl ether	73	3.285	3.285	0.000	98	107558	20.0	20.1	
63 1,2-Dichloroethane	62	3.335	3.335	0.000	97	49357	20.0	19.1	
64 Isobutyl alcohol	43	3.414	3.414	0.000	97	20252	500.0	441.2	
65 t-Amyl alcohol	59	3.486	3.486	0.000	91	16175	200.0	174.6	
* 66 Fluorobenzene	96	3.521	3.521	0.000	100	416022	50.0	50.0	
67 Isopropyl acetate	43	3.586	3.586	0.000	99	51151	20.0	17.8	
68 Methylcyclohexane	83	3.643	3.643	0.000	92	43519	20.0	21.3	
69 Trichloroethene	130	3.665	3.665	0.000	95	52601	20.0	21.3	
70 2-ethoxy-2-methyl butane	59	3.908	3.908	0.000	97	86410	20.0	19.8	
71 Dibromomethane	93	4.030	4.030	0.000	93	26867	20.0	21.8	
72 n-Butanol	56	4.052	4.052	0.000	89	12814	500.0	461.5	
73 1,2-Dichloropropane	63	4.116	4.116	0.000	90	38216	20.0	20.8	
75 Dichlorobromomethane	83	4.202	4.202	0.000	97	49988	20.0	19.1	
74 Ethyl acrylate	55	4.202	4.202	0.000	67	37660	20.0	19.3	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	15766	1000.0	1000.0	
77 Methyl methacrylate	100	4.395	4.395	0.000	82	20965	40.0	40.5	
78 1,4-Dioxane	88	4.410	4.410	0.000	91	8208	400.0	446.3	
79 n-Propyl acetate	43	4.553	4.553	0.000	97	35985	20.0	19.2	
80 2-Chloroethyl vinyl ether	63	4.811	4.811	0.000	94	21848	20.0	20.7	
81 cis-1,3-Dichloropropene	75	4.839	4.839	0.000	92	58028	20.0	18.9	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.040	0.000	99	413273	50.0	50.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	5.090	5.090	0.000	93	196334	20.0	21.2	
84 Epichlorohydrin	57	5.119	5.119	0.000	99	50538	400.0	446.4	
85 2-Nitropropane	41	5.348	5.348	0.000	99	10001	40.0	23.0	
86 Tetrachloroethene	166	5.520	5.520	0.000	96	52721	20.0	21.6	
87 4-Methyl-2-pentanone (MIBK)	43	5.556	5.556	0.000	94	127041	100.0	105.7	
88 trans-1,3-Dichloropropene	75	5.592	5.592	0.000	92	51324	20.0	18.8	
89 1,1,2-Trichloroethane	83	5.763	5.763	0.000	95	29450	20.0	21.6	
90 Ethyl methacrylate	69	5.849	5.849	0.000	86	43078	20.0	19.6	
91 Chlorodibromomethane	129	5.964	5.964	0.000	98	40205	20.0	18.2	
92 1,3-Dichloropropane	76	6.071	6.071	0.000	91	61497	20.0	22.5	
93 Ethylene Dibromide	107	6.208	6.208	0.000	100	39078	20.0	22.1	
94 n-Butyl acetate	43	6.559	6.559	0.000	96	37327	20.0	17.1	
95 2-Hexanone	43	6.616	6.616	0.000	92	86272	100.0	104.9	
* 96 Chlorobenzene-d5	117	6.895	6.895	0.000	83	345705	50.0	50.0	
97 Chlorobenzene	112	6.917	6.917	0.000	98	138583	20.0	21.8	
98 Ethylbenzene	106	7.003	7.003	0.000	97	70732	20.0	21.0	
99 1,1,1,2-Tetrachloroethane	131	7.024	7.024	0.000	94	43954	20.0	19.1	
100 m-Xylene & p-Xylene	106	7.218	7.218	0.000	0	85458	20.0	20.8	
101 o-Xylene	106	7.805	7.805	0.000	96	84008	20.0	21.5	
102 Bromoform	173	7.862	7.862	0.000	95	23248	20.0	18.2	
103 Styrene	104	7.891	7.891	0.000	98	137201	20.0	21.2	
104 n-Butyl acrylate	73	8.220	8.220	0.000	98	24705	20.0	19.4	
105 Isopropylbenzene	105	8.285	8.285	0.000	94	199156	20.0	21.8	
106 Amyl acetate (mixed isomer)	43	8.636	8.636	0.000	93	47316	20.0	17.2	
\$ 107 4-Bromofluorobenzene	174	8.657	8.657	0.000	98	146220	50.0	49.3	
108 Bromobenzene	156	8.765	8.765	0.000	87	62633	20.0	21.2	
109 N-Propylbenzene	91	8.922	8.922	0.000	100	215936	20.0	22.3	
110 1,1,2,2-Tetrachloroethane	83	9.066	9.066	0.000	97	43059	20.0	21.0	
111 2-Chlorotoluene	91	9.087	9.087	0.000	97	158271	20.0	21.1	
112 4-Ethyltoluene	105	9.109	9.109	0.000	98	196304	20.0	21.8	
113 1,2,3-Trichloropropane	110	9.195	9.195	0.000	95	14217	20.0	20.8	
114 1,3,5-Trimethylbenzene	105	9.266	9.266	0.000	94	158697	20.0	21.2	
115 trans-1,4-Dichloro-2-buten	53	9.331	9.331	0.000	82	8326	20.0	16.4	
116 4-Chlorotoluene	91	9.359	9.359	0.000	95	145489	20.0	21.6	
117 tert-Butylbenzene	119	9.732	9.732	0.000	96	131725	20.0	21.7	
118 1,2,4-Trimethylbenzene	105	9.861	9.861	0.000	96	169295	20.0	21.0	
119 Butyl Methacrylate	87	9.868	9.868	0.000	89	52091	20.0	18.9	
120 sec-Butylbenzene	105	10.018	10.018	0.000	99	174673	20.0	22.4	
121 1,3-Dichlorobenzene	146	10.276	10.276	0.000	98	110937	20.0	21.7	
122 4-Isopropyltoluene	119	10.298	10.298	0.000	98	155850	20.0	21.1	
* 123 1,4-Dichlorobenzene-d4	152	10.412	10.412	0.000	93	200912	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.434	10.434	0.000	95	115497	20.0	20.5	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	97	177000	20.0	21.1	
126 2,3-Dihydroindene	117	10.713	10.713	0.000	94	193124	20.0	21.9	
127 Benzyl chloride	126	10.892	10.892	0.000	98	9595	20.0	10.5	
128 p-Diethylbenzene	119	10.914	10.914	0.000	95	81374	20.0	21.0	
129 n-Butylbenzene	91	10.993	10.993	0.000	97	120140	20.0	21.4	
130 1,2-Dichlorobenzene	146	11.100	11.100	0.000	98	111968	20.0	21.9	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	98	148343	20.0	21.4	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	91	7937	20.0	15.7	
133 1,3,5-Trichlorobenzene	180	12.246	12.246	0.000	97	68562	20.0	22.1	
134 1,2,4-Trichlorobenzene	180	12.934	12.934	0.000	95	61625	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
135 Hexachlorobutadiene	225	12.948	12.948	0.000	92	21190	20.0	20.5	
136 Naphthalene	128	13.235	13.235	0.000	99	141682	20.0	20.8	
137 1,2,3-Trichlorobenzene	180	13.406	13.406	0.000	96	55264	20.0	20.5	
S 138 1,2-Dichloroethene, Total	100				0		40.0	44.6	
S 139 1,3-Dichloropropene, Total	100				0		40.0	37.7	
S 140 Xylenes, Total	100				0		40.0	42.3	
S 142 Total BTEX	1				0		100.0	106.2	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00336	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 20.00	Units: uL	
ACROLEIN W_00096	Amount Added: 4.00	Units: uL	
524freon_00013	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66990.D

Injection Date: 08-Oct-2019 10:07:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

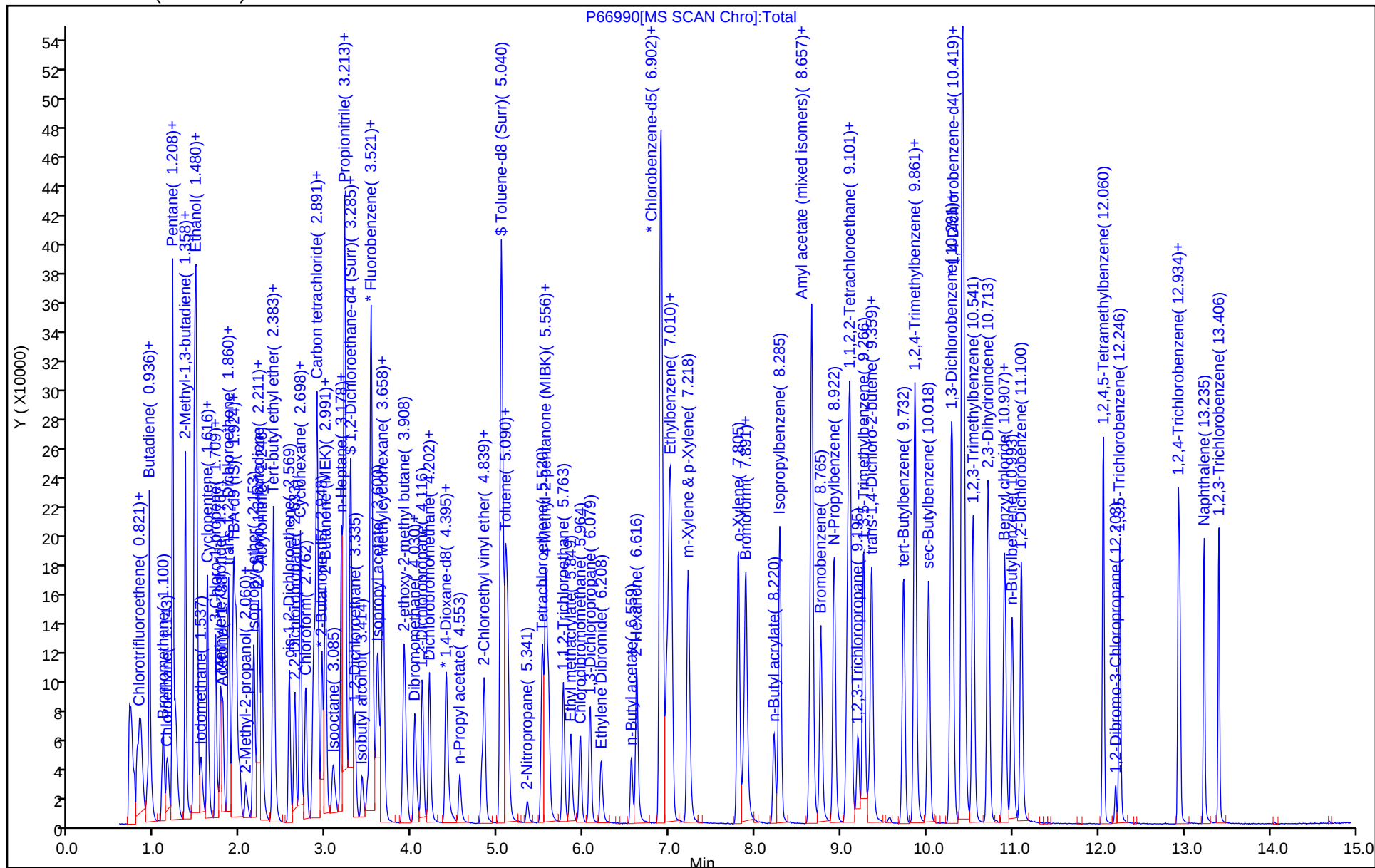
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66990.D

Injection Date: 08-Oct-2019 10:07:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

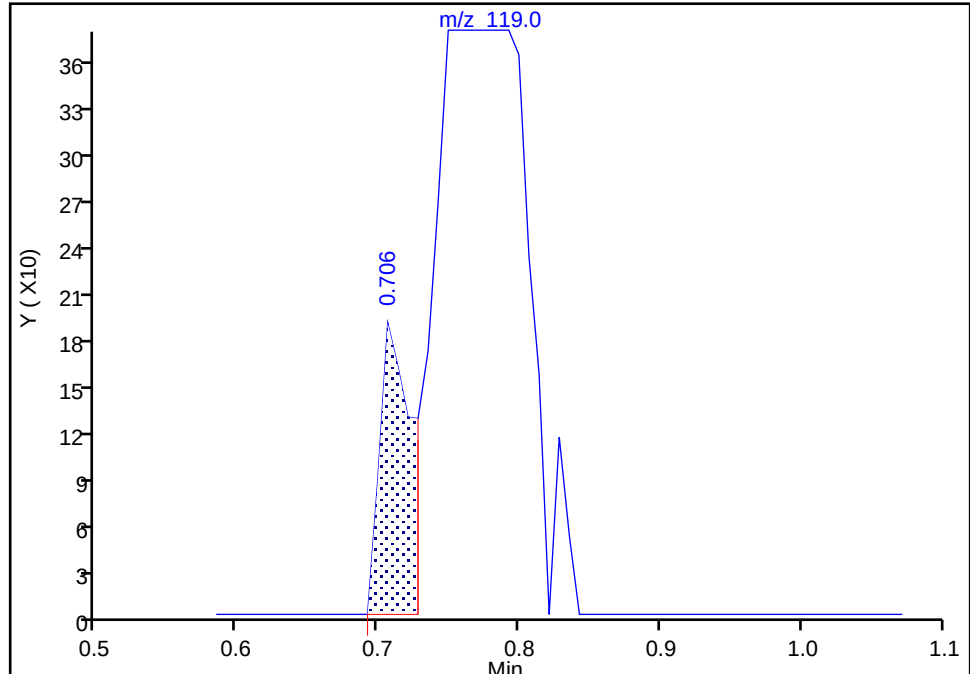
MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

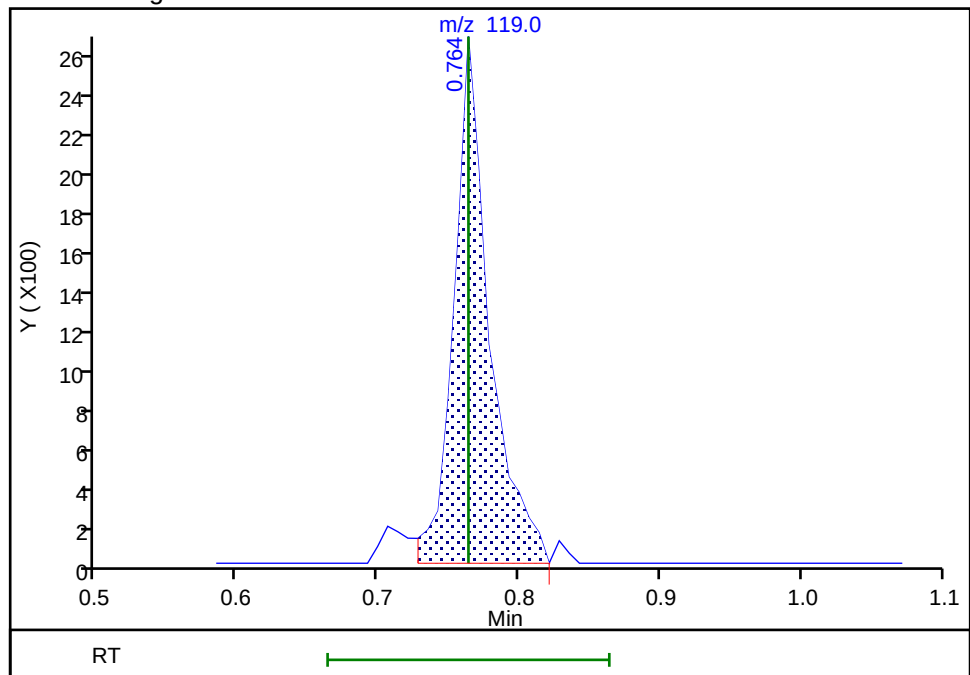
RT: 0.71
Area: 297
Amount: 2.445996
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 4688
Amount: 38.608853
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 08-Oct-2019 11:47:40

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66990.D

Injection Date: 08-Oct-2019 10:07:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

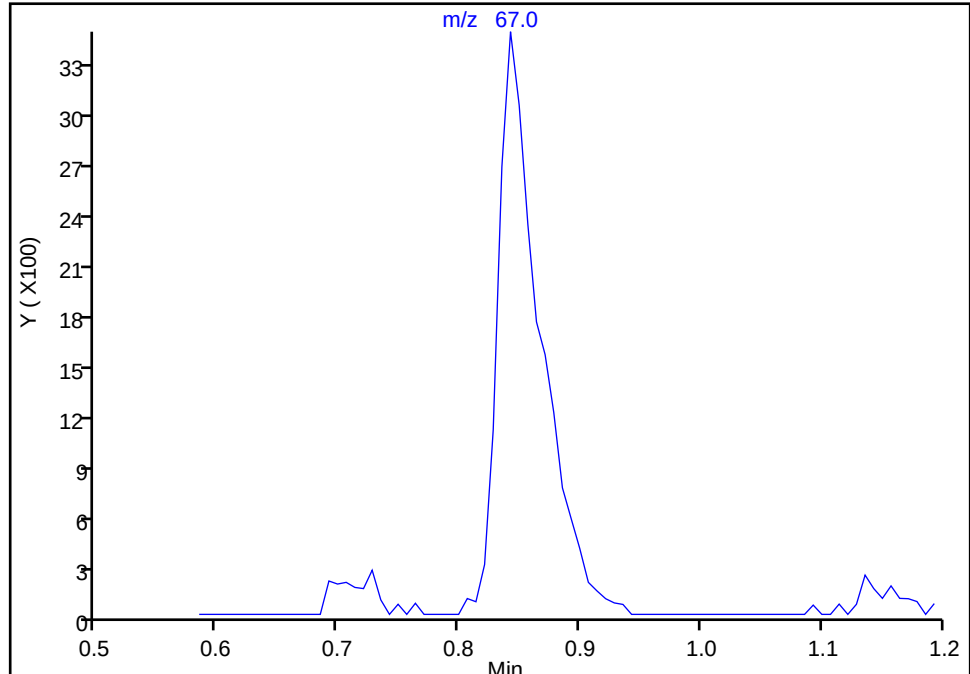
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

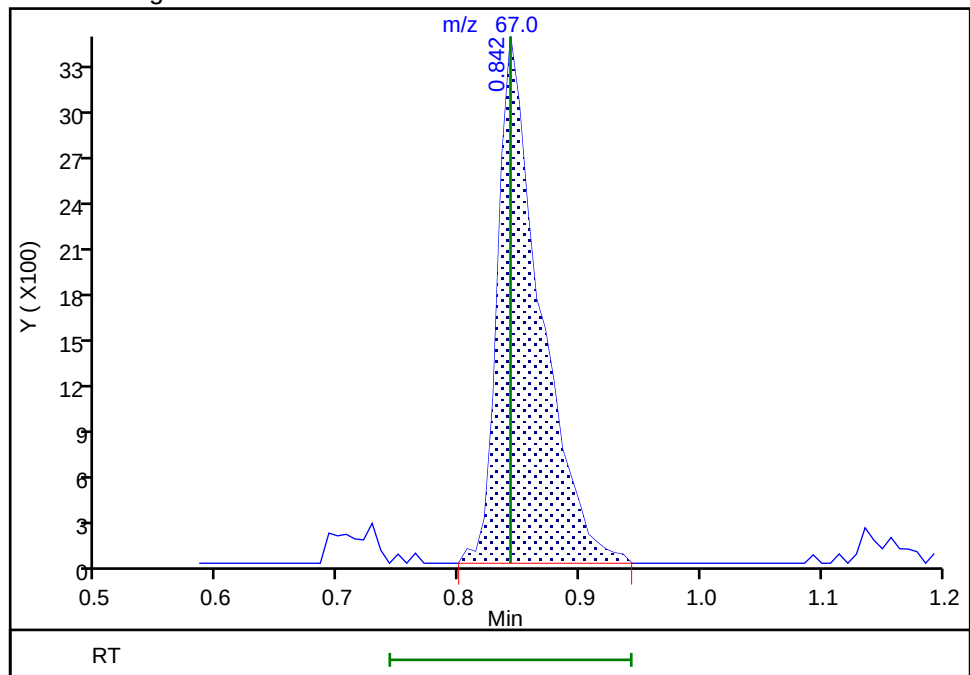
Not Detected

Expected RT: 0.84

Processing Integration Results



Manual Integration Results



RT: 0.84
Area: 8489
Amount: 20.968303
Amount Units: ug/l

Reviewer: desais, 08-Oct-2019 11:48:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66990.D

Injection Date: 08-Oct-2019 10:07:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

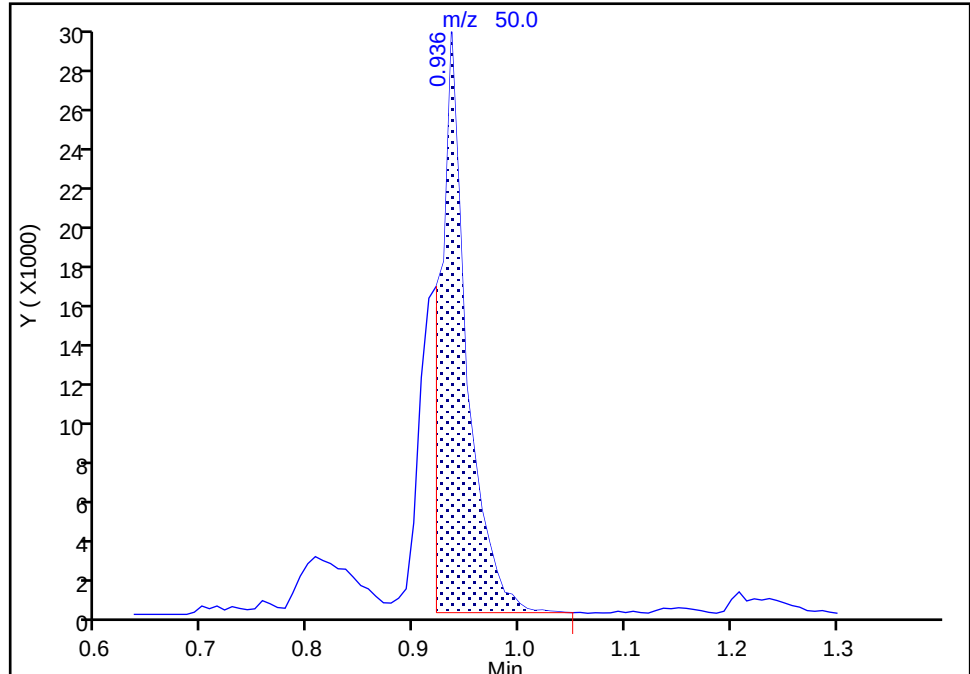
MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

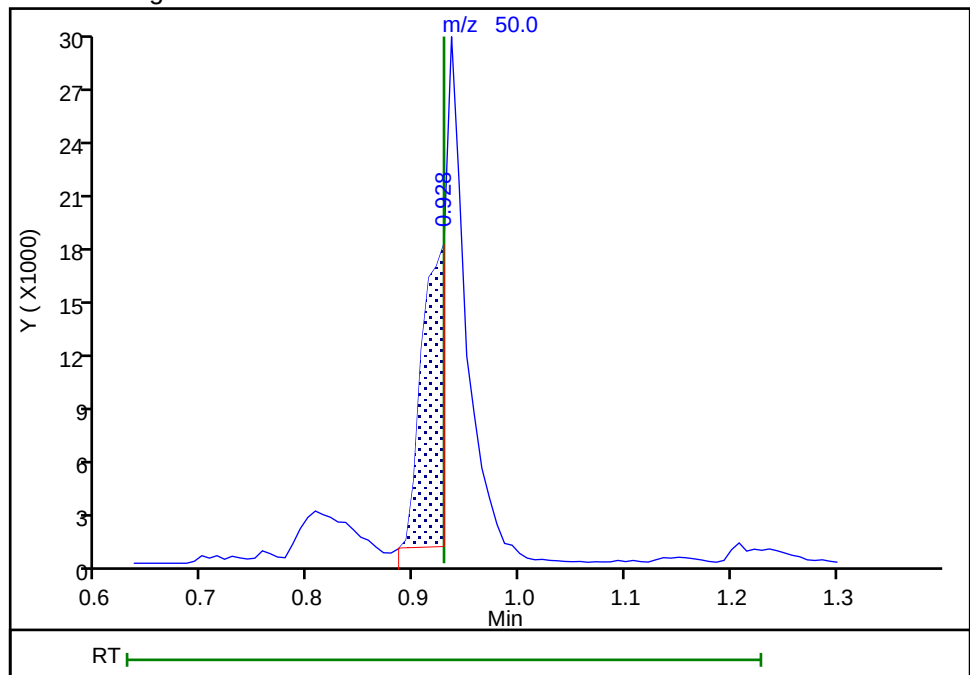
RT: 0.94
Area: 50231
Amount: 30.797451
Amount Units: ug/l

Processing Integration Results



RT: 0.93
Area: 26669
Amount: 16.351202
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 08-Oct-2019 11:48:25

Audit Action: Manually Integrated

Audit Reason: Shouldering

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66990.D

Injection Date: 08-Oct-2019 10:07:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

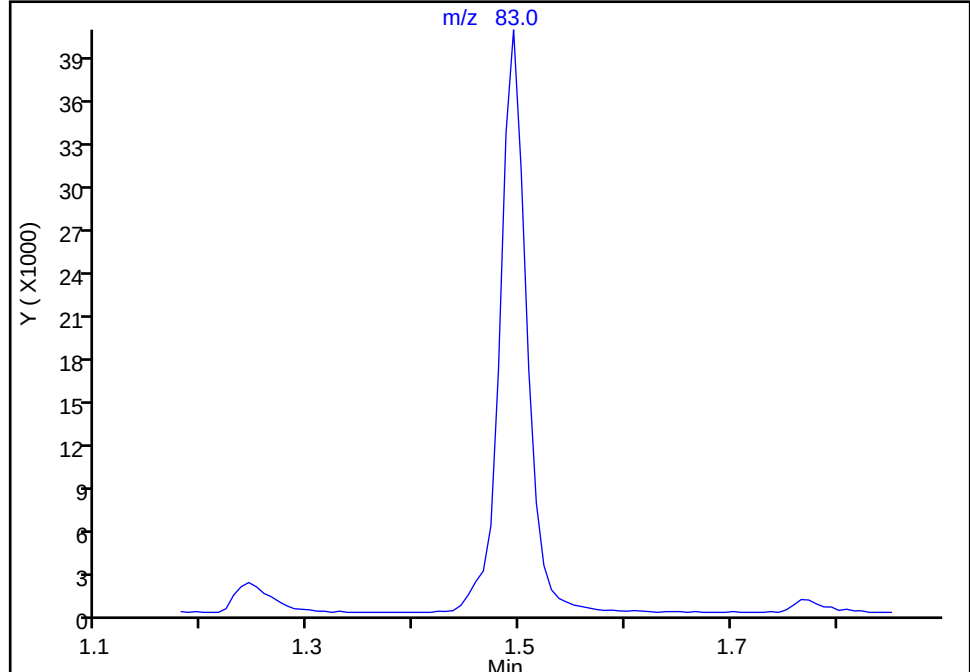
21 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

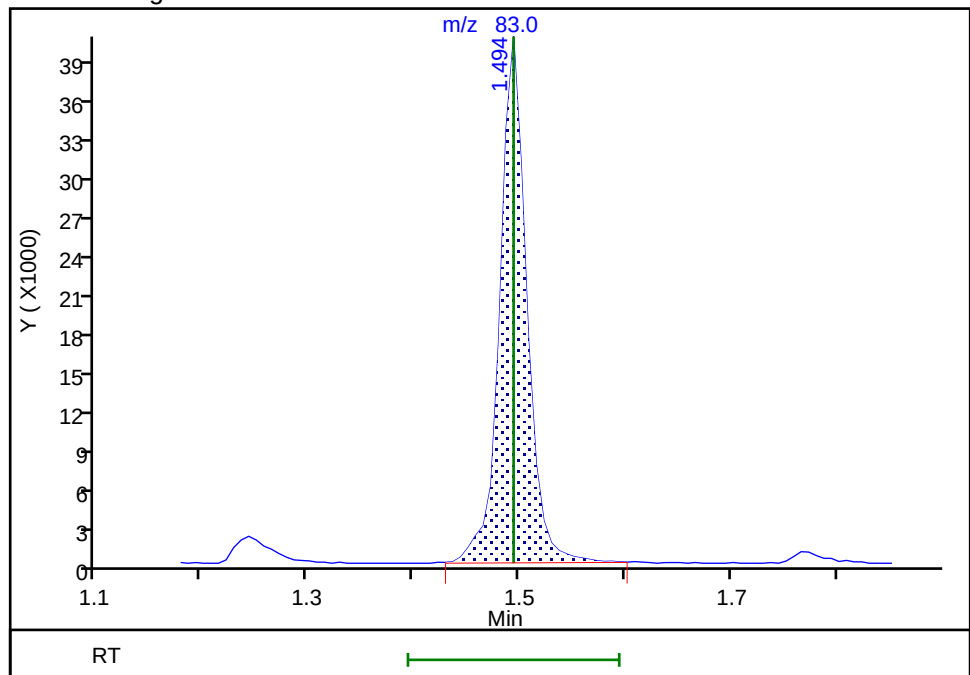
Not Detected

Expected RT: 1.49

Processing Integration Results



Manual Integration Results



Reviewer: desais, 08-Oct-2019 11:48:35

Audit Action: Assigned Compound ID

Audit Reason: Shouldering

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-645557/2 Calibration Date: 10/08/2019 23:06
 Instrument ID: CVOAMS13 Calib Start Date: 09/25/2019 11:47
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 09/25/2019 14:42
 Lab File ID: P67018.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	0.0146	0.0296		40.6	20.0	102.9*	20.0
Chlorotrifluoroethene	Ave	0.0949	0.1036		21.8	20.0	9.2	20.0
Dichlorodifluoromethane	Ave	0.3135	0.3248	0.1000	20.7	20.0	3.6	20.0
1,1-Difluoroethane	Ave	0.1073	0.1269		23.6	20.0	18.2	20.0
Chlorodifluoromethane	Ave	0.0487	0.0495		20.3	20.0	1.6	20.0
Butadiene	QuaF		0.2261		22.5	20.0	12.7	20.0
Chloromethane	Ave	0.1960	0.3583	0.1000	36.6	20.0	82.8*	20.0
Vinyl chloride	Ave	0.2596	0.2811	0.1000	21.7	20.0	8.3	20.0
Bromomethane	Ave	3.671	4.289	0.1000	23.4	20.0	16.9	50.0
Chloroethane	Ave	0.2074	0.2366	0.1000	22.8	20.0	14.1	50.0
Pentane	QuaF		3.025		52.2	40.0	30.6*	20.0
Trichlorofluoromethane	Ave	0.4356	0.4937	0.1000	22.7	20.0	13.3	20.0
Dichlorofluoromethane	Ave	0.4497	0.4702		20.9	20.0	4.5	20.0
2-Methyl-1,3-butadiene	Ave	0.3181	0.3644		22.9	20.0	14.6	20.0
Ethyl ether	Ave	0.2001	0.2018		20.2	20.0	0.9	20.0
Ethanol	QuaF		0.0540		841	800	5.1	50.0
1,1-Dichloroethene	Ave	0.2643	0.2694	0.1000	20.4	20.0	1.9	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.3571	0.3582		20.1	20.0	0.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2446	0.2628	0.1000	21.5	20.0	7.5	20.0
Carbon disulfide	Ave	0.8565	0.7506	0.1000	17.5	20.0	-12.4	50.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3885	0.4028		20.7	20.0	3.7	20.0
Iodomethane	Ave	0.5293	0.2832		10.7	20.0	-46.5*	20.0
Cyclopentene	Ave	0.5611	0.5842		20.8	20.0	4.1	20.0
Acrolein	Lin2		1.868		89.1	40.0	122.7*	50.0
Allyl chloride	Ave	0.1578	0.1583		20.1	20.0	0.3	20.0
Isopropyl alcohol	Ave	0.6795	0.6377		188	200	-6.2	50.0
Methylene Chloride	Ave	0.2979	0.3132	0.1000	21.0	20.0	5.1	20.0
Acetone	QuaF		0.7529	0.0500	99.1	100	-0.9	50.0
Methyl acetate	Ave	6.167	7.315	0.1000	47.5	40.0	18.6	20.0
trans-1,2-Dichloroethene	Ave	0.2915	0.3144	0.1000	21.6	20.0	7.9	20.0
Hexane	Ave	0.0430	0.0526		24.5	20.0	22.4*	20.0
Methyl tert-butyl ether	Ave	0.7587	0.7325	0.1000	19.3	20.0	-3.5	20.0
2-Methyl-2-propanol	Lin2		0.8680		174	200	-13.1	50.0
Acetonitrile	Ave	0.9149	0.7483		164	200	-18.2	20.0
Isopropyl ether	Ave	0.6374	0.6357		19.9	20.0	-0.3	20.0
2-Chloro-1,3-butadiene	Ave	0.2144	0.2305		21.5	20.0	7.5	20.0
1,1-Dichloroethane	Ave	0.3932	0.4083	0.2000	20.8	20.0	3.8	20.0
Acrylonitrile	Ave	0.0605	0.0662		219	200	9.4	20.0
Tert-butyl ethyl ether	Ave	0.6709	0.6329		18.9	20.0	-5.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-645557/2 Calibration Date: 10/08/2019 23:06
 Instrument ID: CVOAMS13 Calib Start Date: 09/25/2019 11:47
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 09/25/2019 14:42
 Lab File ID: P67018.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
Vinyl acetate	Ave	0.4149	0.3688		35.6	40.0	-11.1	20.0
cis-1,2-Dichloroethene	Ave	0.2648	0.2839	0.1000	21.4	20.0	7.2	20.0
2,2-Dichloropropane	Ave	0.3241	0.3012		18.6	20.0	-7.1	20.0
Chlorobromomethane	Ave	0.1511	0.1506		19.9	20.0	-0.3	20.0
Cyclohexane	Ave	0.2611	0.2873	0.1000	22.0	20.0	10.0	50.0
Chloroform	Ave	0.4159	0.4226	0.2000	20.3	20.0	1.6	20.0
Carbon tetrachloride	Ave	0.3358	0.3126	0.1000	18.6	20.0	-6.9	20.0
Ethyl acetate	Ave	0.3226	0.3445		42.7	40.0	6.8	20.0
Methyl acrylate	Ave	0.1592	0.1478		18.6	20.0	-7.1	20.0
Tetrahydrofuran	Ave	1.045	0.9812		37.6	40.0	-6.1	20.0
1,1,1-Trichloroethane	Ave	0.3807	0.3675	0.1000	19.3	20.0	-3.5	20.0
2-Butanone (MEK)	Ave	0.3599	0.3683	0.0500	102	100	2.3	50.0
1,1-Dichloropropene	Ave	0.3198	0.3309		20.7	20.0	3.5	20.0
2,2,4-Trimethylpentane	Ave	0.3078	0.4204		27.3	20.0	36.6*	20.0
n-Heptane	Ave	0.0653	0.0832		25.5	20.0	27.4*	20.0
Benzene	Ave	1.148	1.247	0.5000	21.7	20.0	8.7	20.0
Propionitrile	Ave	1.187	1.394		235	200	17.4	20.0
Methacrylonitrile	Ave	0.0768	0.0770		200	200	0.2	20.0
Tert-amyl methyl ether	Ave	0.6420	0.6129		19.1	20.0	-4.5	20.0
1,2-Dichloroethane	Ave	0.3113	0.2835	0.1000	18.2	20.0	-8.9	20.0
Isobutyl alcohol	Ave	0.3339	0.2797		419	500	-16.2	50.0
Isopropyl acetate	Ave	0.3445	0.2910		16.9	20.0	-15.5	20.0
Methylcyclohexane	Ave	0.2451	0.2741	0.1000	22.4	20.0	11.8	50.0
Trichloroethene	Ave	0.2974	0.3131	0.2000	21.1	20.0	5.3	20.0
Dibromomethane	Ave	0.1480	0.1522		20.6	20.0	2.8	20.0
n-Butanol	Ave	0.2020	0.1776		440	500	-12.1	50.0
1,2-Dichloropropane	Ave	0.2212	0.2270	0.1000	20.5	20.0	2.6	20.0
Bromodichloromethane	Ave	0.3143	0.2921	0.2000	18.6	20.0	-7.1	20.0
Ethyl acrylate	QuaF		0.2009		17.1	20.0	-14.5	20.0
Methyl methacrylate	Ave	0.0622	0.0601		38.7	40.0	-3.3	20.0
1,4-Dioxane	Ave	1.167	1.138		390	400	-2.4	50.0
n-Propyl acetate	Ave	0.2249	0.1924		17.1	20.0	-14.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1271	0.1232		19.4	20.0	-3.1	20.0
cis-1,3-Dichloropropene	Ave	0.4450	0.4114	0.2000	18.5	20.0	-7.5	50.0
Toluene	Ave	1.340	1.382	0.4000	20.6	20.0	3.1	20.0
Epichlorohydrin	Ave	0.2252	0.2330		414	400	3.5	20.0
2-Nitropropane	Ave	0.0523	0.0294		22.5	40.0	-43.8*	20.0
Tetrachloroethene	Ave	0.3524	0.3726	0.2000	21.1	20.0	5.7	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.391	2.380	0.0500	99.5	100	-0.5	50.0
trans-1,3-Dichloropropene	Ave	0.3948	0.3589	0.1000	18.2	20.0	-9.1	50.0
1,1,2-Trichloroethane	Ave	0.1971	0.2139	0.1000	21.7	20.0	8.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-645557/2 Calibration Date: 10/08/2019 23:06
 Instrument ID: CVOAMS13 Calib Start Date: 09/25/2019 11:47
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 09/25/2019 14:42
 Lab File ID: P67018.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
Ethyl methacrylate	Ave	0.2647	0.2444		18.5	20.0	-7.7	20.0
Dibromochloromethane	Ave	0.3194	0.2862	0.1000	17.9	20.0	-10.4	50.0
1,3-Dichloropropane	Ave	0.3945	0.4251		21.6	20.0	7.8	20.0
1,2-Dibromoethane	Ave	0.2552	0.2703	0.1000	21.2	20.0	5.9	20.0
n-Butyl acetate	Ave	0.3163	0.2336		14.8	20.0	-26.1*	20.0
2-Hexanone	Ave	1.636	1.668	0.0500	102	100	1.9	50.0
Chlorobenzene	Ave	0.9179	0.9606	0.5000	20.9	20.0	4.7	20.0
Ethylbenzene	Ave	0.4867	0.4989	0.1000	20.5	20.0	2.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3332	0.3090		18.5	20.0	-7.3	20.0
m&p-Xylene	Ave	0.5931	0.6021	0.1000	20.3	20.0	1.5	20.0
o-Xylene	Ave	0.5653	0.5758	0.3000	20.4	20.0	1.9	20.0
Bromoform	Ave	0.1849	0.1567	0.1000	17.0	20.0	-15.2	20.0
Styrene	Ave	0.9367	0.9560	0.3000	20.4	20.0	2.1	20.0
n-Butyl acrylate	Ave	0.1842	0.1604		17.4	20.0	-12.9	20.0
Isopropylbenzene	Ave	1.324	1.388	0.1000	21.0	20.0	4.8	20.0
Amyl acetate (mixed isomers)	Ave	0.6851	0.5506		16.1	20.0	-19.6	20.0
Bromobenzene	Ave	0.7369	0.7643		20.7	20.0	3.7	20.0
N-Propylbenzene	Ave	2.413	2.605		21.6	20.0	7.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5097	0.5089	0.3000	20.0	20.0	-0.1	20.0
2-Chlorotoluene	Ave	1.864	1.920		20.6	20.0	3.0	20.0
4-Ethyltoluene	Ave	2.238	2.373		21.2	20.0	6.1	20.0
1,2,3-Trichloropropane	Ave	0.1700	0.1743		20.5	20.0	2.5	20.0
1,3,5-Trimethylbenzene	Ave	1.867	1.954		20.9	20.0	4.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1267	0.1001		15.8	20.0	-21.0*	20.0
4-Chlorotoluene	Ave	1.678	1.764		21.0	20.0	5.1	20.0
tert-Butylbenzene	Ave	1.511	1.586		21.0	20.0	4.9	20.0
1,2,4-Trimethylbenzene	Ave	2.005	2.050		20.4	20.0	2.2	20.0
Butyl Methacrylate	Ave	0.6847	0.6144		17.9	20.0	-10.3	20.0
sec-Butylbenzene	Ave	1.938	2.096		21.6	20.0	8.1	20.0
1,3-Dichlorobenzene	Ave	1.272	1.352	0.6000	21.3	20.0	6.3	20.0
4-Isopropyltoluene	Ave	1.841	1.883		20.5	20.0	2.3	20.0
1,4-Dichlorobenzene	Ave	1.404	1.405	0.5000	20.0	20.0	0.0	20.0
1,2,3-Trimethylbenzene	Ave	2.087	2.142		20.5	20.0	2.6	20.0
Indan	Ave	2.197	2.298		20.9	20.0	4.6	20.0
Benzyl chloride	Ave	0.2275	0.1196		10.5	20.0	-47.4	50.0
p-Diethylbenzene	Ave	0.9621	0.998		20.7	20.0	3.7	20.0
n-Butylbenzene	Ave	1.397	1.468		21.0	20.0	5.1	20.0
1,2-Dichlorobenzene	Ave	1.272	1.329	0.4000	20.9	20.0	4.4	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.729	1.786		20.7	20.0	3.3	20.0
1,2-Dibromo-3-Chloropropane	Lin2		0.0927	0.0500	14.7	20.0	-26.3	50.0
1,3,5-Trichlorobenzene	Ave	0.7725	0.7953		20.6	20.0	3.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-645557/2 Calibration Date: 10/08/2019 23:06
 Instrument ID: CVOAMS13 Calib Start Date: 09/25/2019 11:47
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 09/25/2019 14:42
 Lab File ID: P67018.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.7331	0.7126	0.2000	19.4	20.0	-2.8	20.0
Hexachlorobutadiene	Ave	0.2571	0.2507		19.5	20.0	-2.5	20.0
Naphthalene	Ave	1.695	1.594		18.8	20.0	-6.0	50.0
1,2,3-Trichlorobenzene	Ave	0.6725	0.6363		18.9	20.0	-5.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2550	0.2544		49.9	50.0	-0.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2512	0.2351		46.8	50.0	-6.4	20.0
Toluene-d8 (Surr)	Ave	1.179	1.189		50.4	50.0	0.8	20.0
4-Bromofluorobenzene	Ave	0.4286	0.4157		48.5	50.0	-3.0	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67018.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 08-Oct-2019 23:06:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0098968-002
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Oct-2019 19:29:42 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0328

First Level Reviewer: baronm

Date: 10-Oct-2019 19:29:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.771	0.771	0.000	68	4896	20.0	40.6	
2 Chlorotrifluoroethene	116	0.792	0.792	0.000	86	17134	20.0	21.8	
3 Dichlorodifluoromethane	85	0.807	0.807	0.000	96	53712	20.0	20.7	
4 1,1-Difluoroethane	65	0.871	0.871	0.000	94	20978	20.0	23.6	
5 Chlorodifluoromethane	67	0.893	0.893	0.000	95	8179	20.0	20.3	a
6 Chloromethane	50	0.950	0.950	0.000	99	59251	20.0	36.6	
8 Butadiene	54	0.950	0.950	0.000	94	37386	20.0	22.5	
7 Vinyl chloride	62	0.971	0.971	0.000	91	46481	20.0	21.7	M
9 Bromomethane	94	1.129	1.129	0.000	99	43340	20.0	23.4	
10 Chloroethane	64	1.151	1.151	0.000	99	39133	20.0	22.8	
11 Pentane	72	1.222	1.222	0.000	97	15870	40.0	52.2	
12 Trichlorofluoromethane	101	1.222	1.222	0.000	84	81651	20.0	22.7	
13 Dichlorofluoromethane	67	1.244	1.244	0.000	98	77752	20.0	20.9	M
14 2-Methyl-1,3-butadiene	67	1.373	1.373	0.000	96	60262	20.0	22.9	
15 Ethyl ether	59	1.373	1.373	0.000	92	33374	20.0	20.2	
16 Ethanol	46	1.444	1.444	0.000	98	5665	800.0	841.1	M
18 1,2-Dichloro-1,1,2-trifluo	67	1.473	1.473	0.000	77	59242	20.0	20.1	
17 1,1-Dichloroethene	96	1.473	1.473	0.000	95	44549	20.0	20.4	
19 Carbon disulfide	76	1.494	1.494	0.000	100	124129	20.0	17.5	
20 1,1,2-Trichloro-1,2,2-trif	101	1.494	1.494	0.000	90	43465	20.0	21.5	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.509	1.509	0.000	91	66613	20.0	20.7	a
22 Iodomethane	142	1.544	1.544	0.000	98	46837	20.0	10.7	
23 Cyclopentene	67	1.623	1.623	0.000	96	96612	20.0	20.8	
24 Acrolein	56	1.645	1.645	0.000	95	9802	40.0	89.1	
25 3-Chloro-1-propene	76	1.724	1.724	0.000	88	26174	20.0	20.1	
26 Isopropyl alcohol	45	1.752	1.752	0.000	96	16729	200.0	187.7	
27 Methylene Chloride	84	1.781	1.781	0.000	88	51795	20.0	21.0	
28 Acetone	43	1.802	1.802	0.000	88	38038	100.0	99.1	
29 trans-1,2-Dichloroethene	96	1.874	1.874	0.000	90	51989	20.0	21.6	
30 Methyl acetate	43	1.874	1.874	0.000	98	38383	40.0	47.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.931	1.931	0.000	77	8704	20.0	24.5	
32 Methyl tert-butyl ether	73	1.931	1.931	0.000	94	121128	20.0	19.3	
* 33 TBA-d9 (IS)	65	1.960	1.960	0.000	0	131177	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.003	2.003	0.000	93	22771	200.0	173.7	a
35 Acetonitrile	41	2.067	2.067	0.000	97	19631	200.0	163.6	
36 Isopropyl ether	45	2.168	2.168	0.000	94	105126	20.0	19.9	
37 2-Chloro-1,3-butadiene	88	2.218	2.218	0.000	85	38112	20.0	21.5	
38 1,1-Dichloroethane	63	2.232	2.232	0.000	99	67520	20.0	20.8	
39 Acrylonitrile	53	2.254	2.254	0.000	92	109457	200.0	218.8	
40 Tert-butyl ethyl ether	59	2.397	2.397	0.000	69	104667	20.0	18.9	
41 Vinyl acetate	43	2.397	2.397	0.000	99	121976	40.0	35.6	
42 cis-1,2-Dichloroethene	96	2.576	2.576	0.000	95	46946	20.0	21.4	
43 2,2-Dichloropropane	77	2.640	2.640	0.000	95	49807	20.0	18.6	
45 Chlorobromomethane	128	2.705	2.705	0.000	81	24907	20.0	19.9	
44 Cyclohexane	56	2.712	2.712	0.000	86	47507	20.0	22.0	
46 Chloroform	83	2.769	2.769	0.000	99	69881	20.0	20.3	
47 Carbon tetrachloride	117	2.855	2.855	0.000	98	51687	20.0	18.6	
48 Ethyl acetate	70	2.870	2.870	0.000	97	6961	40.0	42.7	
49 Methyl acrylate	55	2.877	2.877	0.000	68	24446	20.0	18.6	
50 Tetrahydrofuran	42	2.877	2.877	0.000	92	19827	40.0	37.6	
\$ 51 Dibromofluoromethane (Surr	113	2.898	2.898	0.000	97	105191	50.0	49.9	
52 1,1,1-Trichloroethane	97	2.905	2.905	0.000	95	60766	20.0	19.3	
* 53 2-Butanone-d5	46	2.956	2.956	0.000	0	126299	250.0	250.0	
57 n-Heptane	57	3.178	3.178	0.000	38	13764	20.0	25.5	Ma
54 2-Butanone (MEK)	72	2.999	2.999	0.000	98	18606	100.0	102.3	
55 1,1-Dichloropropene	75	3.006	3.006	0.000	97	54728	20.0	20.7	
56 Isooctane	57	3.092	3.092	0.000	98	69530	20.0	27.3	
58 Benzene	78	3.192	3.192	0.000	96	169460	20.0	21.7	
59 Propionitrile	54	3.206	3.206	0.000	97	36580	200.0	234.9	
60 Methacrylonitrile	67	3.228	3.228	0.000	90	127293	200.0	200.4	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.285	0.000	0	97186	50.0	46.8	
62 Tert-amyl methyl ether	73	3.299	3.299	0.000	97	101349	20.0	19.1	
63 1,2-Dichloroethane	62	3.342	3.342	0.000	97	46888	20.0	18.2	
64 Isobutyl alcohol	43	3.421	3.421	0.000	95	18346	500.0	418.8	
65 t-Amyl alcohol	59	3.493	3.493	0.000	87	15026	200.0	169.9	
* 66 Fluorobenzene	96	3.536	3.536	0.000	100	413433	50.0	50.0	
67 Isopropyl acetate	43	3.600	3.600	0.000	97	48128	20.0	16.9	
68 Methylcyclohexane	83	3.658	3.658	0.000	91	45327	20.0	22.4	
69 Trichloroethene	130	3.672	3.672	0.000	95	51783	20.0	21.1	
70 2-ethoxy-2-methyl butane	59	3.915	3.915	0.000	98	79686	20.0	18.4	
71 Dibromomethane	93	4.037	4.037	0.000	92	25163	20.0	20.6	
72 n-Butanol	56	4.059	4.059	0.000	87	11649	500.0	439.6	
73 1,2-Dichloropropane	63	4.130	4.130	0.000	91	37539	20.0	20.5	
75 Dichlorobromomethane	83	4.209	4.209	0.000	99	48299	20.0	18.6	
74 Ethyl acrylate	55	4.209	4.209	0.000	98	33221	20.0	17.1	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	16627	1000.0	1000.0	
77 Methyl methacrylate	100	4.410	4.410	0.000	81	19892	40.0	38.7	
78 1,4-Dioxane	88	4.424	4.424	0.000	90	7569	400.0	390.2	
79 n-Propyl acetate	43	4.567	4.567	0.000	97	31823	20.0	17.1	
80 2-Chloroethyl vinyl ether	63	4.825	4.825	0.000	93	20417	20.0	19.4	
81 cis-1,3-Dichloropropene	75	4.847	4.847	0.000	90	55921	20.0	18.5	
\$ 82 Toluene-d8 (Surr)	98	5.054	5.054	0.000	99	403951	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
83 Toluene	91	5.112	5.112	0.000	93	187796	20.0	20.6	
84 Epichlorohydrin	57	5.126	5.126	0.000	99	47077	400.0	413.8	
85 2-Nitropropane	41	5.348	5.348	0.000	99	9717	40.0	22.5	
86 Tetrachloroethene	166	5.527	5.527	0.000	97	50640	20.0	21.1	
87 4-Methyl-2-pentanone (MIBK)	43	5.563	5.563	0.000	95	120214	100.0	99.5	
88 trans-1,3-Dichloropropene	75	5.599	5.599	0.000	96	48775	20.0	18.2	
89 1,1,2-Trichloroethane	83	5.771	5.771	0.000	95	29076	20.0	21.7	
90 Ethyl methacrylate	69	5.857	5.857	0.000	86	40421	20.0	18.5	
91 Chlorodibromomethane	129	5.964	5.964	0.000	98	38904	20.0	17.9	
92 1,3-Dichloropropane	76	6.079	6.079	0.000	91	57775	20.0	21.6	
93 Ethylene Dibromide	107	6.208	6.208	0.000	100	36735	20.0	21.2	
94 n-Butyl acetate	43	6.559	6.559	0.000	97	31751	20.0	14.8	
95 2-Hexanone	43	6.623	6.623	0.000	91	84249	100.0	101.9	
* 96 Chlorobenzene-d5	117	6.902	6.902	0.000	83	339793	50.0	50.0	
97 Chlorobenzene	112	6.924	6.924	0.000	98	130562	20.0	20.9	
98 Ethylbenzene	106	7.010	7.010	0.000	97	67815	20.0	20.5	
99 1,1,1,2-Tetrachloroethane	131	7.031	7.031	0.000	93	42001	20.0	18.5	
100 m-Xylene & p-Xylene	106	7.225	7.225	0.000	0	81833	20.0	20.3	
101 o-Xylene	106	7.812	7.812	0.000	96	78258	20.0	20.4	
102 Bromoform	173	7.869	7.869	0.000	95	21303	20.0	17.0	
103 Styrene	104	7.898	7.898	0.000	98	129933	20.0	20.4	
104 n-Butyl acrylate	73	8.228	8.228	0.000	99	21796	20.0	17.4	
105 Isopropylbenzene	105	8.292	8.292	0.000	95	188665	20.0	21.0	
106 Amyl acetate (mixed isomer)	43	8.636	8.636	0.000	93	42829	20.0	16.1	
\$ 107 4-Bromofluorobenzene	174	8.665	8.665	0.000	98	141238	50.0	48.5	
108 Bromobenzene	156	8.772	8.772	0.000	88	59453	20.0	20.7	
109 N-Propylbenzene	91	8.922	8.922	0.000	100	202654	20.0	21.6	
110 1,1,2,2-Tetrachloroethane	83	9.073	9.073	0.000	97	39590	20.0	20.0	
111 2-Chlorotoluene	91	9.094	9.094	0.000	97	149374	20.0	20.6	
112 4-Ethyltoluene	105	9.116	9.116	0.000	99	184619	20.0	21.2	
113 1,2,3-Trichloropropane	110	9.202	9.202	0.000	95	13558	20.0	20.5	
114 1,3,5-Trimethylbenzene	105	9.266	9.266	0.000	93	151967	20.0	20.9	
115 trans-1,4-Dichloro-2-buten	53	9.338	9.338	0.000	84	7788	20.0	15.8	
116 4-Chlorotoluene	91	9.367	9.367	0.000	95	137239	20.0	21.0	
117 tert-Butylbenzene	119	9.732	9.732	0.000	96	123376	20.0	21.0	
118 1,2,4-Trimethylbenzene	105	9.861	9.861	0.000	96	159478	20.0	20.4	
119 Butyl Methacrylate	87	9.868	9.868	0.000	88	47795	20.0	17.9	
120 sec-Butylbenzene	105	10.026	10.026	0.000	99	163057	20.0	21.6	
121 1,3-Dichlorobenzene	146	10.283	10.283	0.000	98	105156	20.0	21.3	
122 4-Isopropyltoluene	119	10.305	10.305	0.000	98	146505	20.0	20.5	
* 123 1,4-Dichlorobenzene-d4	152	10.419	10.419	0.000	93	194480	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.441	10.441	0.000	96	109292	20.0	20.0	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	97	166598	20.0	20.5	
126 2,3-Dihydroindene	117	10.720	10.720	0.000	94	178787	20.0	20.9	
127 Benzyl chloride	126	10.899	10.899	0.000	98	9304	20.0	10.5	
128 p-Diethylbenzene	119	10.914	10.914	0.000	95	77627	20.0	20.7	
129 n-Butylbenzene	91	11.000	11.000	0.000	97	114176	20.0	21.0	
130 1,2-Dichlorobenzene	146	11.107	11.107	0.000	98	103348	20.0	20.9	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	98	138924	20.0	20.7	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	92	7209	20.0	14.7	
133 1,3,5-Trichlorobenzene	180	12.253	12.253	0.000	97	61865	20.0	20.6	
134 1,2,4-Trichlorobenzene	180	12.934	12.934	0.000	94	55432	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.948	12.948	0.000	94	19500	20.0	19.5	
136 Naphthalene	128	13.235	13.235	0.000	99	124018	20.0	18.8	
137 1,2,3-Trichlorobenzene	180	13.406	13.406	0.000	95	49497	20.0	18.9	
S 138 1,2-Dichloroethene, Total	100				0		40.0	43.0	
S 139 1,3-Dichloropropene, Total	100				0		40.0	36.7	
S 140 Xylenes, Total	100				0		40.0	40.7	
S 142 Total BTEX	1				0		100.0	103.5	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00336	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 20.00	Units: uL	
ACROLEIN W_00096	Amount Added: 4.00	Units: uL	
524freon_00013	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67018.D

Injection Date: 08-Oct-2019 23:06:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

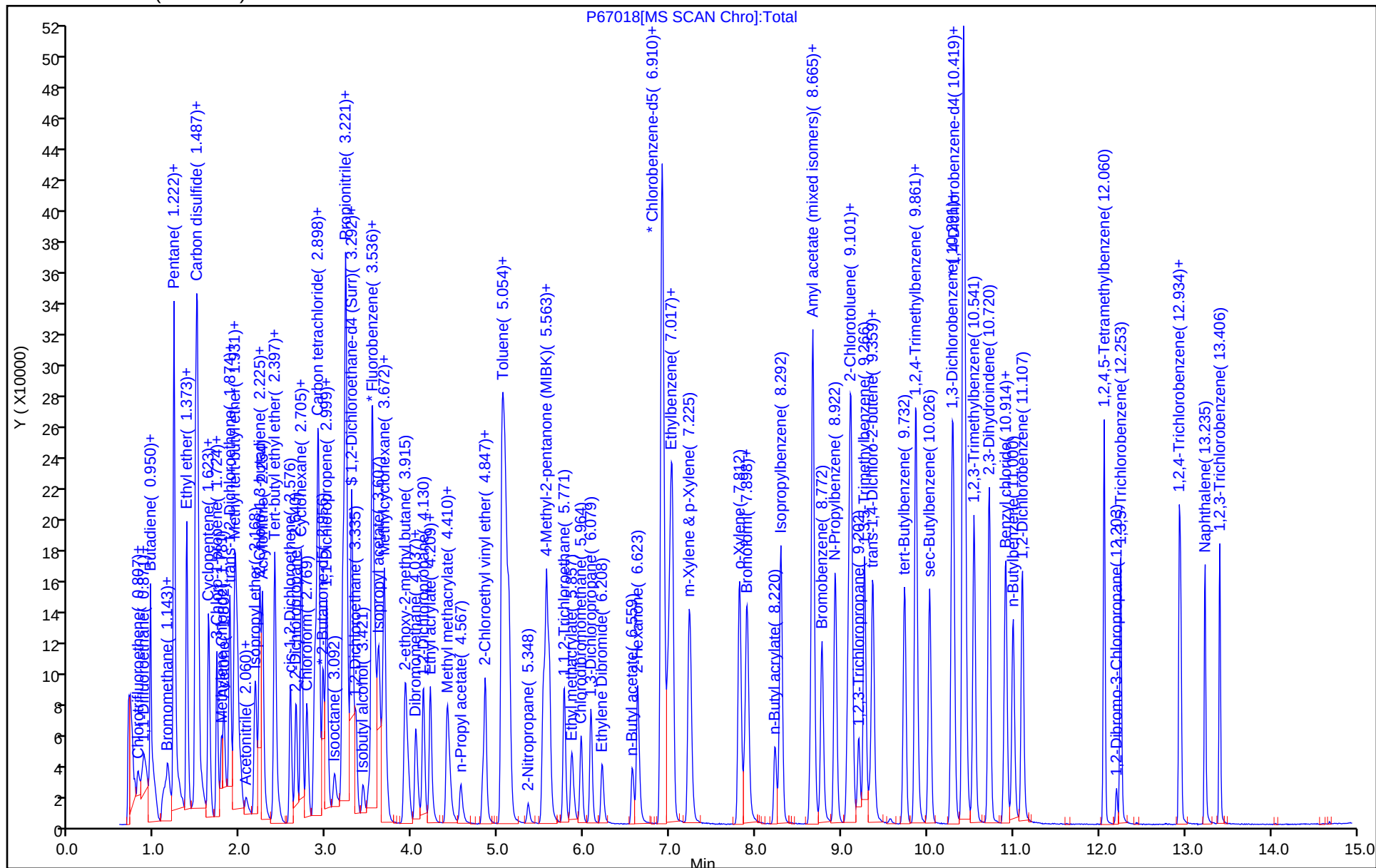
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260W 13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67018.D

Injection Date: 08-Oct-2019 23:06:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

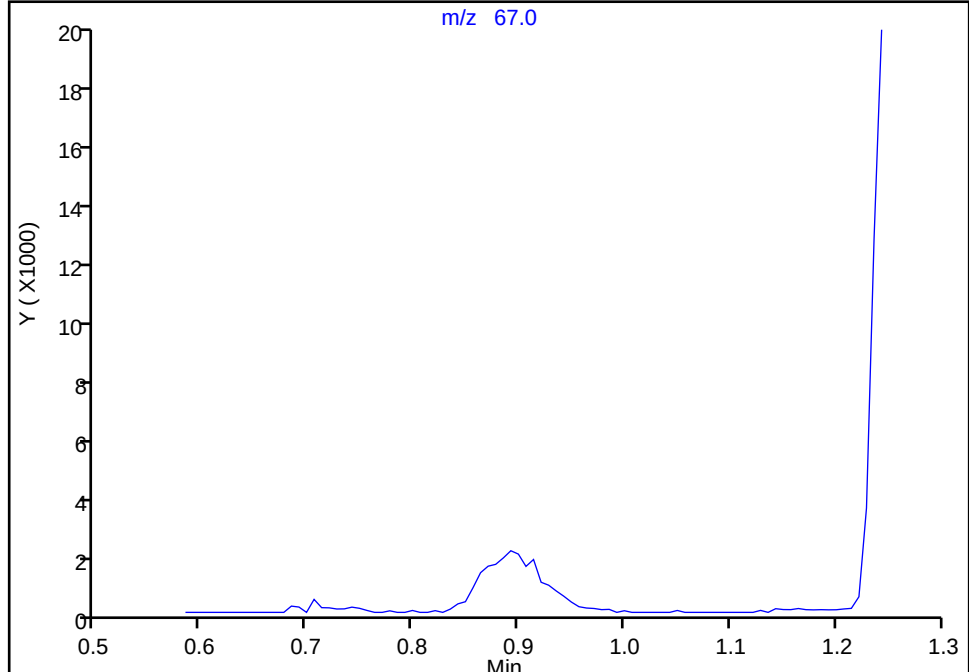
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

Not Detected

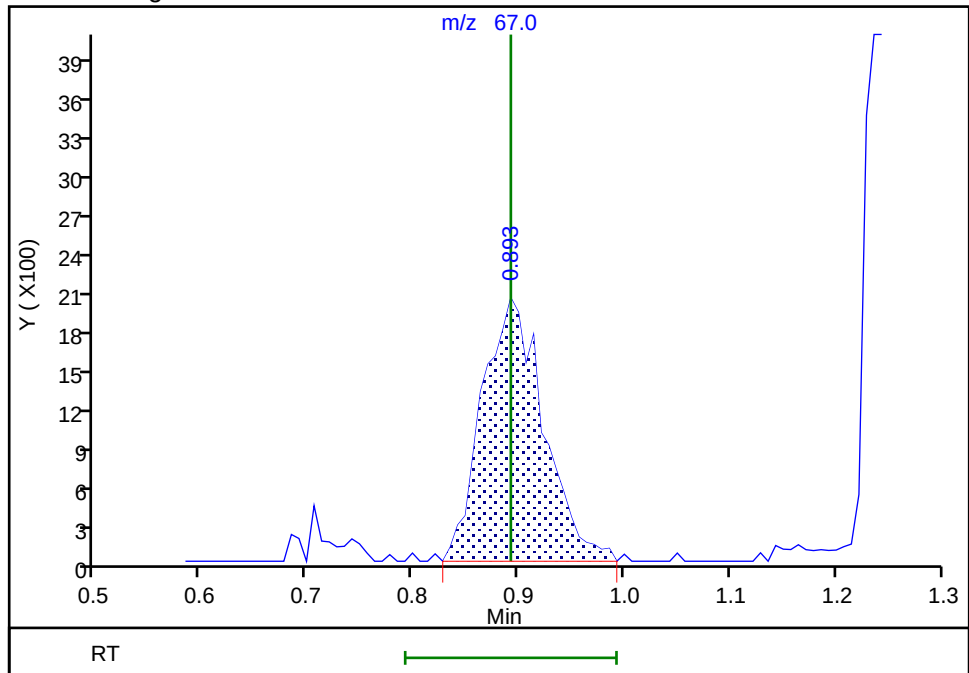
Expected RT: 0.89

Processing Integration Results



RT: 0.89
Area: 8179
Amount: 20.329098
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 09:15:29

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67018.D

Injection Date: 08-Oct-2019 23:06:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

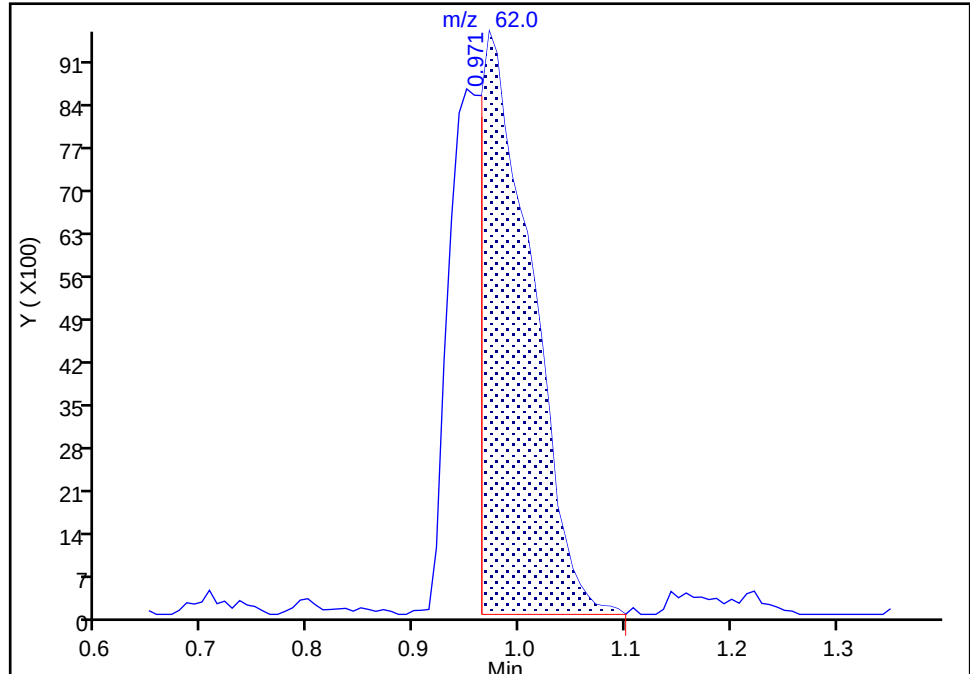
Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

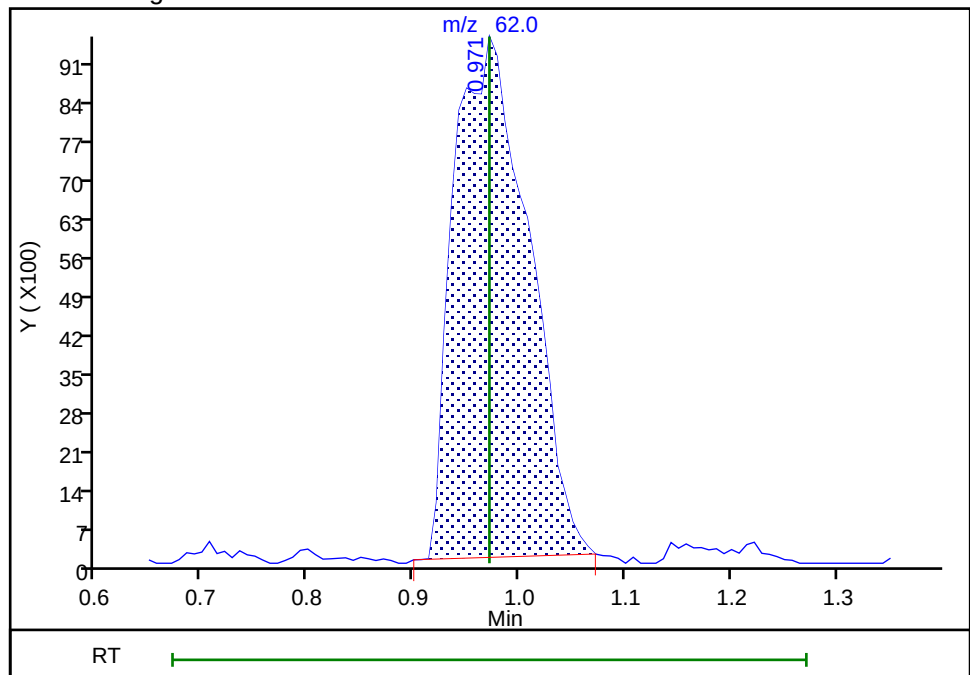
RT: 0.97
Area: 31773
Amount: 14.804466
Amount Units: ug/l

Processing Integration Results



RT: 0.97
Area: 46481
Amount: 21.657583
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 08-Oct-2019 23:05:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67018.D

Injection Date: 08-Oct-2019 23:06:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

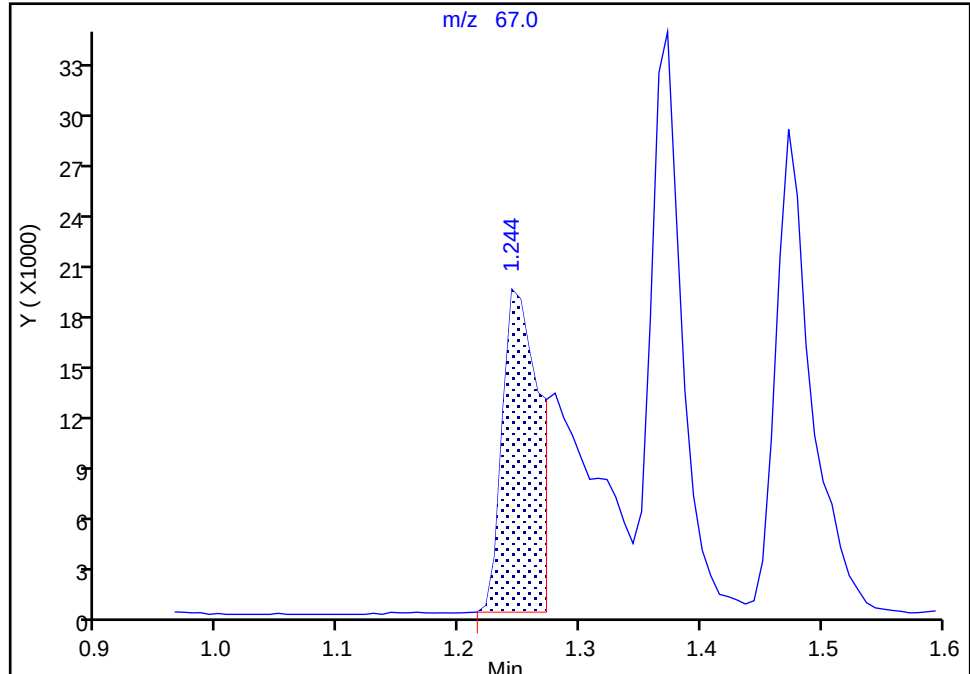
MS SCAN

13 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

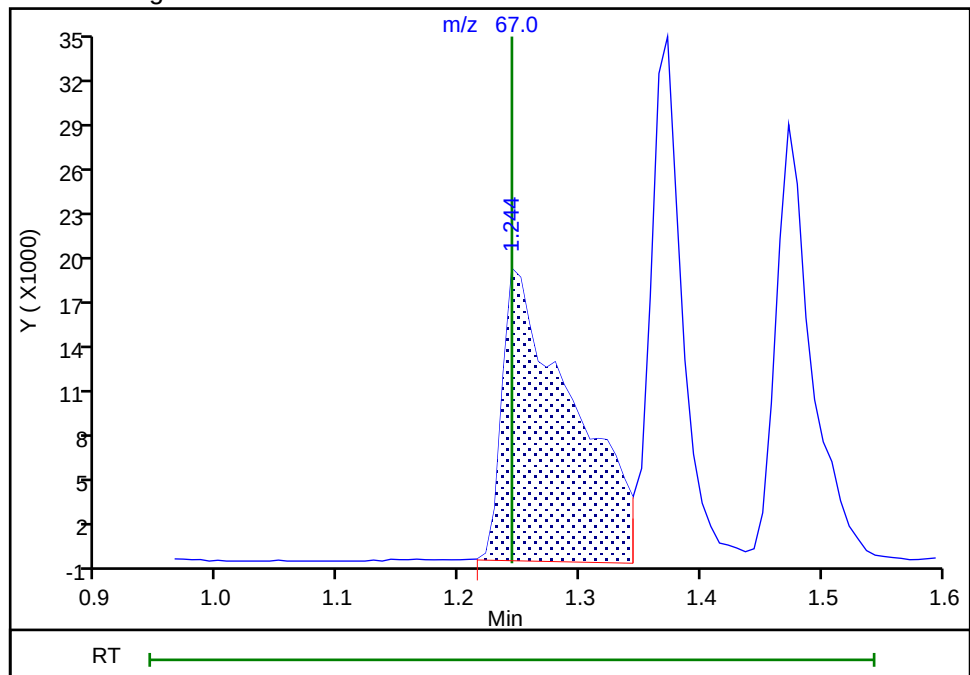
RT: 1.24
Area: 40490
Amount: 10.887846
Amount Units: ug/l

Processing Integration Results



RT: 1.24
Area: 77752
Amount: 20.907676
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 09:16:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67018.D

Injection Date: 08-Oct-2019 23:06:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

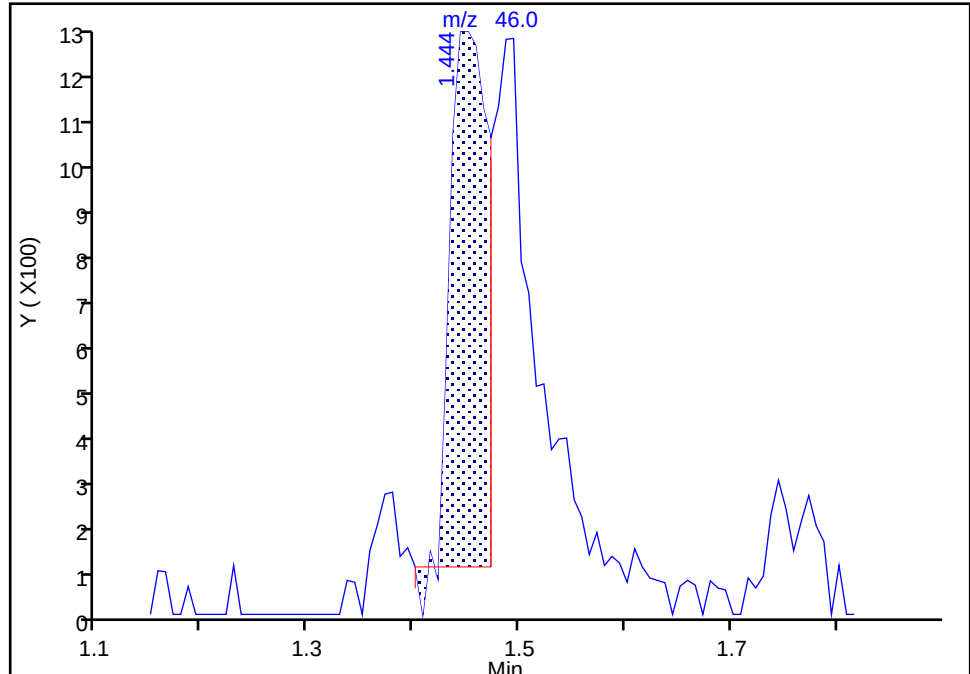
Detector: MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

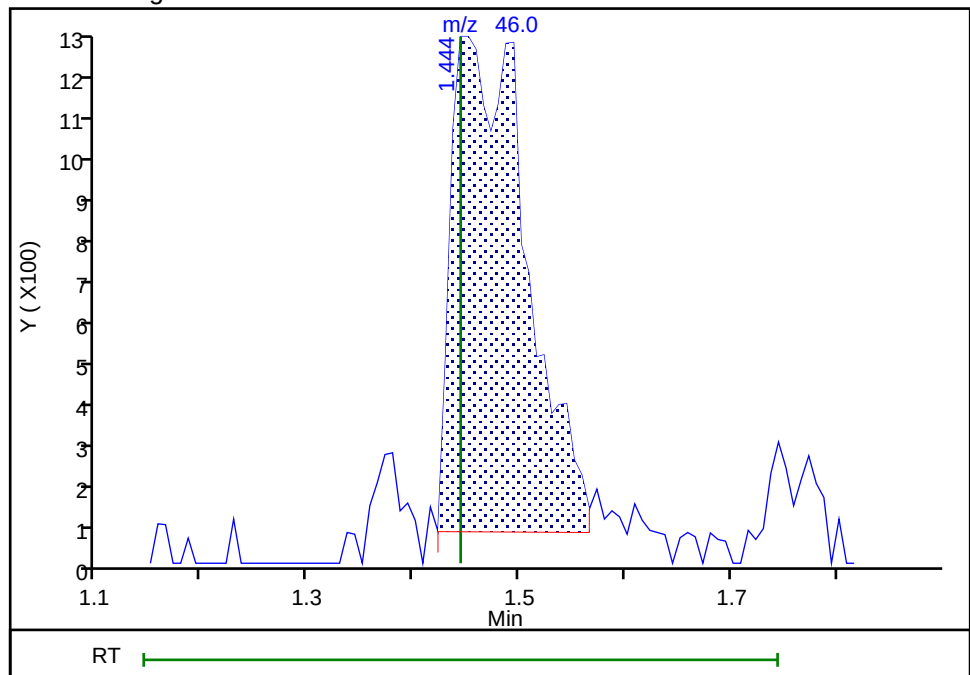
RT: 1.44
Area: 2734
Amount: 405.7533
Amount Units: ug/l

Processing Integration Results



RT: 1.44
Area: 5665
Amount: 841.0898
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 09:17:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67018.D

Injection Date: 08-Oct-2019 23:06:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

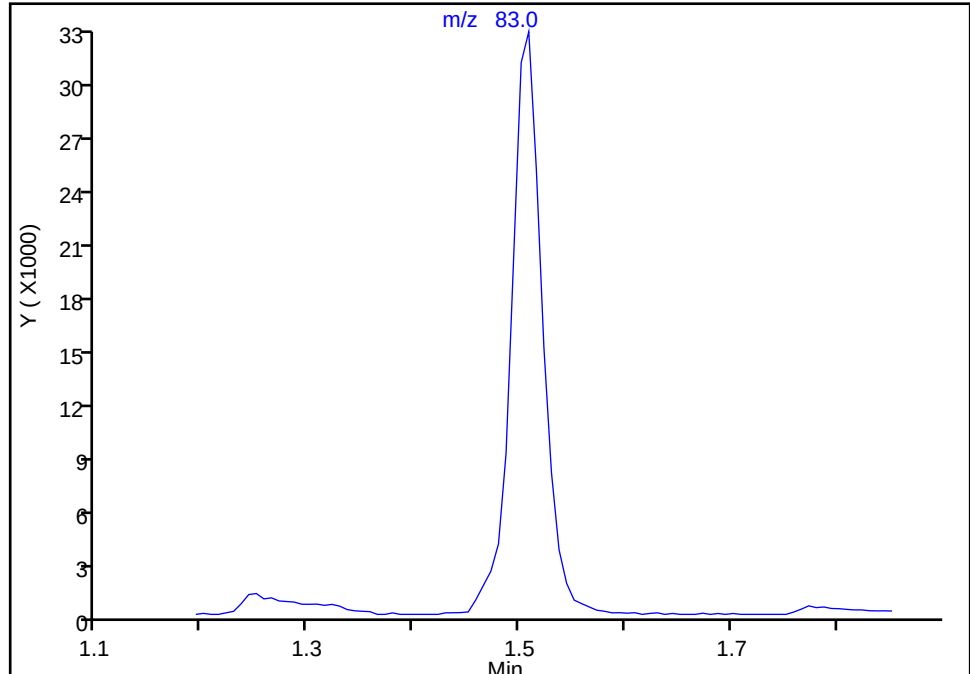
21 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

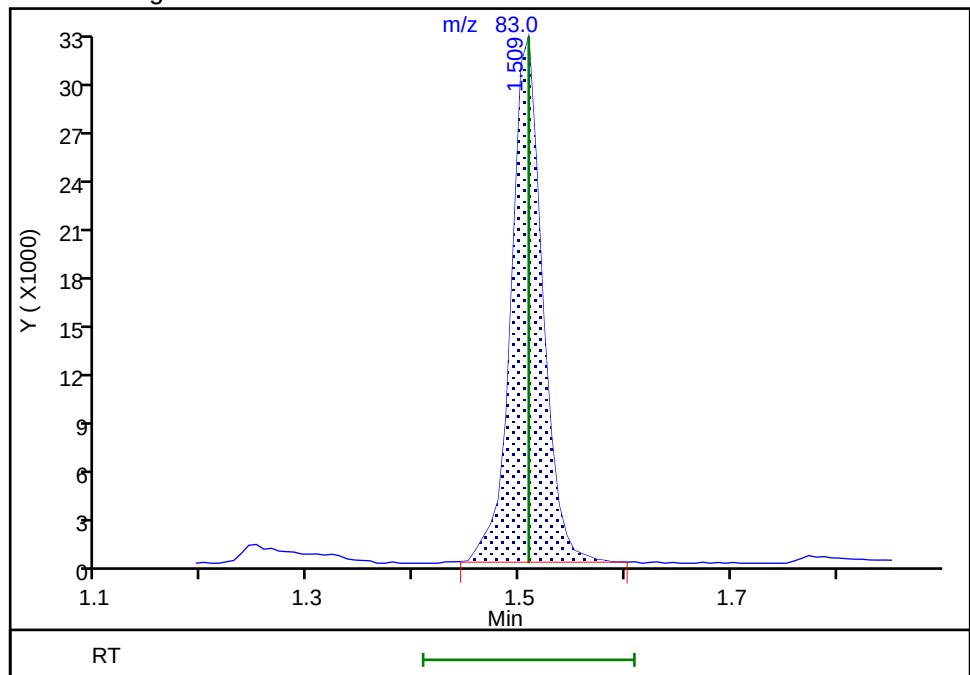
Not Detected

Expected RT: 1.51

Processing Integration Results



Manual Integration Results



Reviewer: parekhv, 08-Oct-2019 23:05:26

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67018.D

Injection Date: 08-Oct-2019 23:06:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

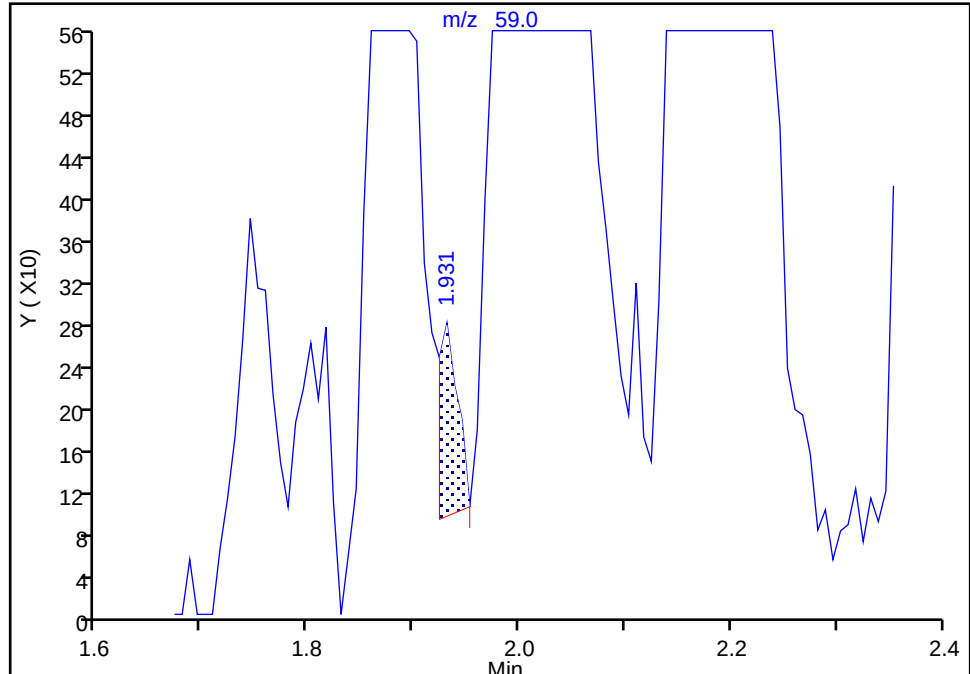
Detector: MS SCAN

34 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

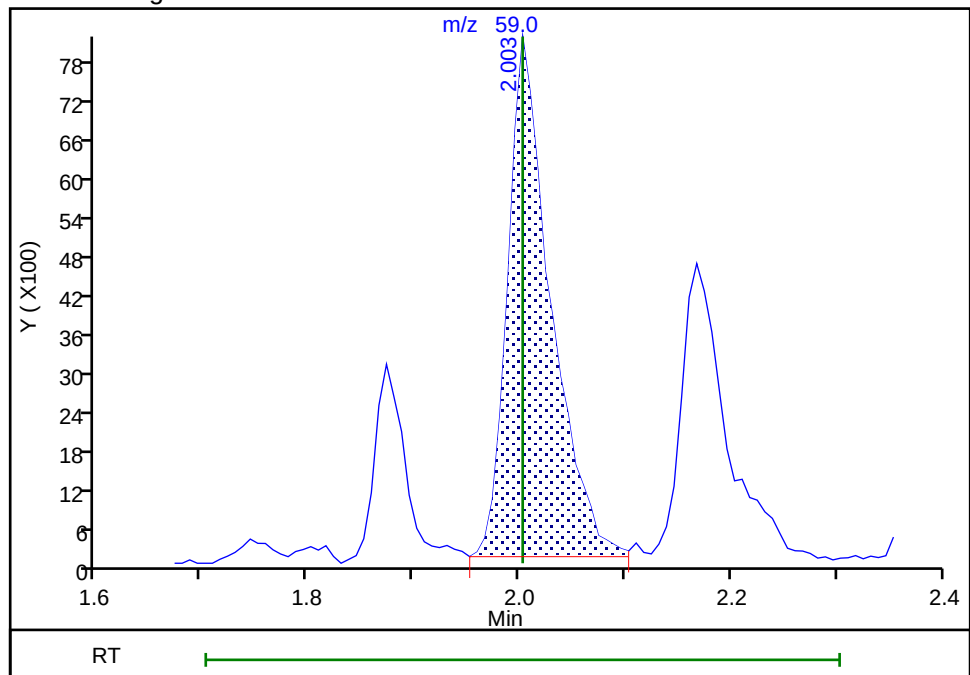
RT: 1.93
Area: 233
Amount: -0.437496
Amount Units: ug/l

Processing Integration Results



RT: 2.00
Area: 22771
Amount: 173.7288
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 08-Oct-2019 23:05:38

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67018.D

Injection Date: 08-Oct-2019 23:06:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

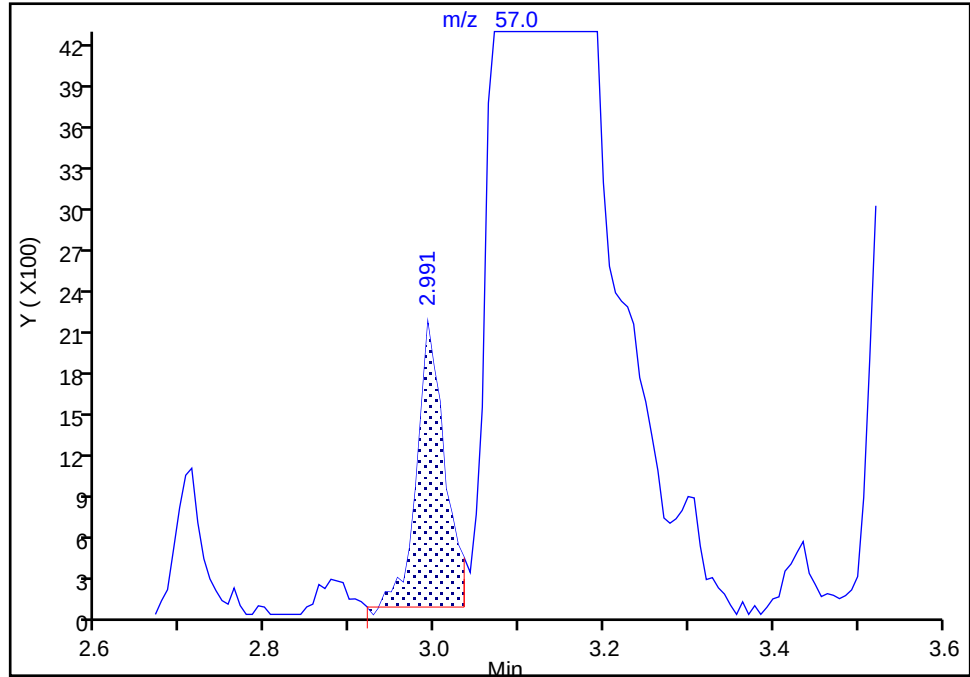
Detector: MS SCAN

57 n-Heptane, CAS: 142-82-5

Signal: 1

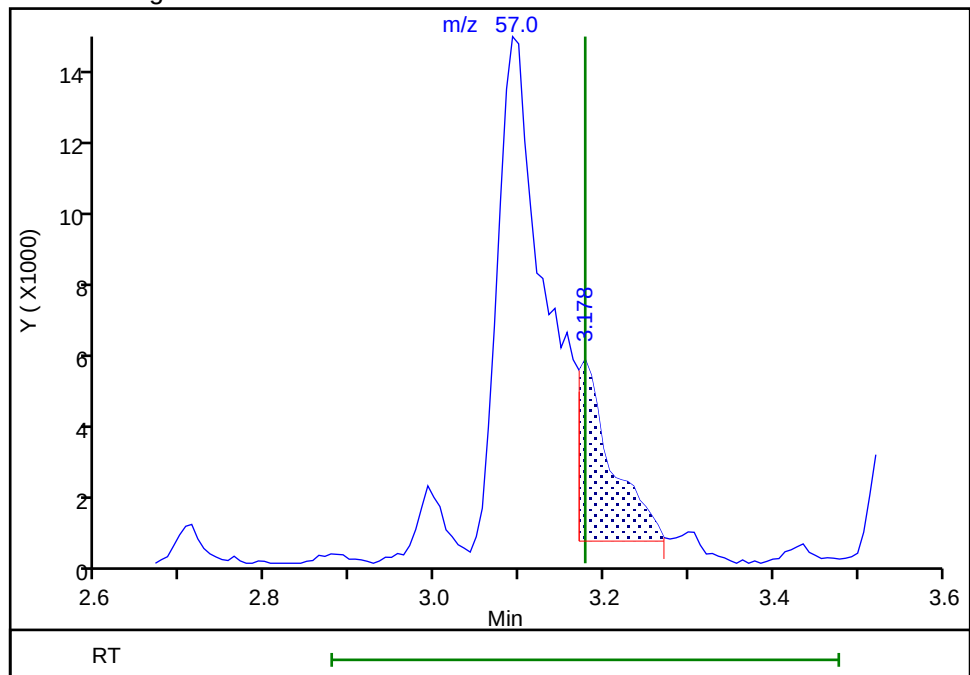
RT: 2.99
Area: 4712
Amount: 8.722045
Amount Units: ug/l

Processing Integration Results



RT: 3.18
Area: 13764
Amount: 25.477552
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Oct-2019 19:29:21

Audit Action: Manually Integrated

Audit Reason: Wrong peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-645726/2 Calibration Date: 10/09/2019 11:43
 Instrument ID: CVOAMS13 Calib Start Date: 09/25/2019 11:47
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 09/25/2019 14:42
 Lab File ID: P67038.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	0.0146	0.0329		45.1	20.0	125.7*	20.0
Chlorotrifluoroethene	Ave	0.0949	0.0960		20.2	20.0	1.1	20.0
Dichlorodifluoromethane	Ave	0.3135	0.3721	0.1000	23.7	20.0	18.7	20.0
1,1-Difluoroethane	Ave	0.1073	0.1171		21.8	20.0	9.2	20.0
Chlorodifluoromethane	Ave	0.0487	0.0454		18.6	20.0	-6.8	20.0
Butadiene	QuaF		0.2344		23.4	20.0	17.0	20.0
Chloromethane	Ave	0.1960	0.3445	0.1000	35.1	20.0	75.7*	20.0
Vinyl chloride	Ave	0.2596	0.2804	0.1000	21.6	20.0	8.0	20.0
Bromomethane	Ave	3.671	4.037	0.1000	22.0	20.0	10.0	50.0
Chloroethane	Ave	0.2074	0.2178	0.1000	21.0	20.0	5.0	50.0
Pentane	QuaF		3.632		62.8	40.0	56.9*	20.0
Trichlorofluoromethane	Ave	0.4356	0.5050	0.1000	23.2	20.0	15.9	20.0
Dichlorofluoromethane	Ave	0.4497	0.4276		19.0	20.0	-4.9	20.0
2-Methyl-1,3-butadiene	Ave	0.3181	0.3651		23.0	20.0	14.8	20.0
Ethyl ether	Ave	0.2001	0.1911		19.1	20.0	-4.5	20.0
Ethanol	QuaF		0.0617		961	800	20.1	50.0
1,1-Dichloroethene	Ave	0.2643	0.2642	0.1000	20.0	20.0	-0.0	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.3571	0.3431		19.2	20.0	-3.9	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2446	0.2935	0.1000	24.0	20.0	20.0	20.0
Carbon disulfide	Ave	0.8565	0.7237	0.1000	16.9	20.0	-15.5	50.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3885	0.3842		19.8	20.0	-1.1	20.0
Iodomethane	Ave	0.5293	0.2906		11.0	20.0	-45.1*	20.0
Cyclopentene	Ave	0.5611	0.6096		21.7	20.0	8.6	20.0
Acrolein	Lin2		1.075		50.7	40.0	26.7	50.0
Allyl chloride	Ave	0.1578	0.1482		18.8	20.0	-6.1	20.0
Isopropyl alcohol	Ave	0.6795	0.6346		187	200	-6.6	50.0
Methylene Chloride	Ave	0.2979	0.2979	0.1000	20.0	20.0	-0.0	20.0
Acetone	QuaF		0.6735	0.0500	88.6	100	-11.4	50.0
trans-1,2-Dichloroethene	Ave	0.2915	0.2907	0.1000	19.9	20.0	-0.3	20.0
Methyl acetate	Ave	6.167	7.215	0.1000	46.8	40.0	17.0	20.0
Hexane	Ave	0.0430	0.0572		26.6	20.0	33.1*	20.0
Methyl tert-butyl ether	Ave	0.7587	0.6990	0.1000	18.4	20.0	-7.9	20.0
2-Methyl-2-propanol	Lin2		0.8651		173	200	-13.4	50.0
Acetonitrile	Ave	0.9149	0.7918		173	200	-13.5	20.0
Isopropyl ether	Ave	0.6374	0.6154		19.3	20.0	-3.4	20.0
2-Chloro-1,3-butadiene	Ave	0.2144	0.2261		21.1	20.0	5.5	20.0
1,1-Dichloroethane	Ave	0.3932	0.3909	0.2000	19.9	20.0	-0.6	20.0
Acrylonitrile	Ave	0.0605	0.0656		217	200	8.5	20.0
Tert-butyl ethyl ether	Ave	0.6709	0.6174		18.4	20.0	-8.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-645726/2 Calibration Date: 10/09/2019 11:43
 Instrument ID: CVOAMS13 Calib Start Date: 09/25/2019 11:47
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 09/25/2019 14:42
 Lab File ID: P67038.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
Vinyl acetate	Ave	0.4149	0.3561		34.3	40.0	-14.2	20.0
cis-1,2-Dichloroethene	Ave	0.2648	0.2793	0.1000	21.1	20.0	5.5	20.0
2,2-Dichloropropane	Ave	0.3241	0.3054		18.8	20.0	-5.8	20.0
Chlorobromomethane	Ave	0.1511	0.1442		19.1	20.0	-4.6	20.0
Cyclohexane	Ave	0.2611	0.3157	0.1000	24.2	20.0	20.9	50.0
Chloroform	Ave	0.4159	0.4053	0.2000	19.5	20.0	-2.5	20.0
Carbon tetrachloride	Ave	0.3358	0.3089	0.1000	18.4	20.0	-8.0	20.0
Ethyl acetate	Ave	0.3226	0.3420		42.4	40.0	6.0	20.0
Methyl acrylate	Ave	0.1592	0.1374		17.3	20.0	-13.7	20.0
Tetrahydrofuran	Ave	1.045	0.9302		35.6	40.0	-10.9	20.0
1,1,1-Trichloroethane	Ave	0.3807	0.3615	0.1000	19.0	20.0	-5.1	20.0
2-Butanone (MEK)	Ave	0.3599	0.3561	0.0500	98.9	100	-1.1	50.0
1,1-Dichloropropene	Ave	0.3198	0.3245		20.3	20.0	1.5	20.0
2,2,4-Trimethylpentane	Ave	0.3078	0.4843		31.5	20.0	57.3*	20.0
n-Heptane	Ave	0.0653	0.1181		36.1	20.0	80.7*	20.0
Benzene	Ave	1.148	1.180	0.5000	20.6	20.0	2.9	20.0
Propionitrile	Ave	1.187	1.378		232	200	16.0	20.0
Methacrylonitrile	Ave	0.0768	0.0728		190	200	-5.2	20.0
Tert-amyl methyl ether	Ave	0.6420	0.5827		18.2	20.0	-9.2	20.0
1,2-Dichloroethane	Ave	0.3113	0.2693	0.1000	17.3	20.0	-13.5	20.0
Isobutyl alcohol	Ave	0.3339	0.2599		389	500	-22.2	50.0
Isopropyl acetate	Ave	0.3445	0.2836		16.5	20.0	-17.7	20.0
Methylcyclohexane	Ave	0.2451	0.2968	0.1000	24.2	20.0	21.1	50.0
Trichloroethene	Ave	0.2974	0.3046	0.2000	20.5	20.0	2.4	20.0
Dibromomethane	Ave	0.1480	0.1435		19.4	20.0	-3.1	20.0
n-Butanol	Ave	0.2020	0.1778		440	500	-12.0	50.0
1,2-Dichloropropane	Ave	0.2212	0.2229	0.1000	20.2	20.0	0.8	20.0
Bromodichloromethane	Ave	0.3143	0.2791	0.2000	17.8	20.0	-11.2	20.0
Ethyl acrylate	QuaF		0.1894		16.1	20.0	-19.4	20.0
Methyl methacrylate	Ave	0.0622	0.0589		37.9	40.0	-5.2	20.0
1,4-Dioxane	Ave	1.167	1.120		384	400	-4.0	50.0
n-Propyl acetate	Ave	0.2249	0.1920		17.1	20.0	-14.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1271	0.1174		18.5	20.0	-7.6	20.0
cis-1,3-Dichloropropene	Ave	0.4450	0.3936	0.2000	17.7	20.0	-11.6	50.0
Toluene	Ave	1.340	1.322	0.4000	19.7	20.0	-1.4	20.0
Epichlorohydrin	Ave	0.2252	0.2273		404	400	0.9	20.0
2-Nitropropane	Ave	0.0523	0.0249		19.0	40.0	-52.4*	20.0
Tetrachloroethene	Ave	0.3524	0.3636	0.2000	20.6	20.0	3.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.391	2.316	0.0500	96.9	100	-3.1	50.0
trans-1,3-Dichloropropene	Ave	0.3948	0.3369	0.1000	17.1	20.0	-14.7	50.0
1,1,2-Trichloroethane	Ave	0.1971	0.2021	0.1000	20.5	20.0	2.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-645726/2 Calibration Date: 10/09/2019 11:43
 Instrument ID: CVOAMS13 Calib Start Date: 09/25/2019 11:47
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 09/25/2019 14:42
 Lab File ID: P67038.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
Ethyl methacrylate	Ave	0.2647	0.2343		17.7	20.0	-11.5	20.0
Dibromochloromethane	Ave	0.3194	0.2668	0.1000	16.7	20.0	-16.5	50.0
1,3-Dichloropropane	Ave	0.3945	0.4119		20.9	20.0	4.4	20.0
1,2-Dibromoethane	Ave	0.2552	0.2588	0.1000	20.3	20.0	1.4	20.0
n-Butyl acetate	Ave	0.3163	0.2386		15.1	20.0	-24.6*	20.0
2-Hexanone	Ave	1.636	1.533	0.0500	93.7	100	-6.3	50.0
Chlorobenzene	Ave	0.9179	0.9194	0.5000	20.0	20.0	0.2	20.0
Ethylbenzene	Ave	0.4867	0.4839	0.1000	19.9	20.0	-0.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3332	0.2977		17.9	20.0	-10.7	20.0
m&p-Xylene	Ave	0.5931	0.5779	0.1000	19.5	20.0	-2.6	20.0
o-Xylene	Ave	0.5653	0.5528	0.3000	19.6	20.0	-2.2	20.0
Bromoform	Ave	0.1849	0.1516	0.1000	16.4	20.0	-18.0	20.0
Styrene	Ave	0.9367	0.8877	0.3000	19.0	20.0	-5.2	20.0
n-Butyl acrylate	Ave	0.1842	0.1558		16.9	20.0	-15.4	20.0
Isopropylbenzene	Ave	1.324	1.337	0.1000	20.2	20.0	1.0	20.0
Amyl acetate (mixed isomers)	Ave	0.6851	0.5302		15.5	20.0	-22.6*	20.0
Bromobenzene	Ave	0.7369	0.7104		19.3	20.0	-3.6	20.0
N-Propylbenzene	Ave	2.413	2.453		20.3	20.0	1.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5097	0.4831	0.3000	19.0	20.0	-5.2	20.0
2-Chlorotoluene	Ave	1.864	1.816		19.5	20.0	-2.6	20.0
4-Ethyltoluene	Ave	2.238	2.247		20.1	20.0	0.4	20.0
1,2,3-Trichloropropane	Ave	0.1700	0.1630		19.2	20.0	-4.1	20.0
1,3,5-Trimethylbenzene	Ave	1.867	1.827		19.6	20.0	-2.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1267	0.0912		14.4	20.0	-28.0*	20.0
4-Chlorotoluene	Ave	1.678	1.669		19.9	20.0	-0.5	20.0
tert-Butylbenzene	Ave	1.511	1.517		20.1	20.0	0.4	20.0
1,2,4-Trimethylbenzene	Ave	2.005	1.932		19.3	20.0	-3.6	20.0
Butyl Methacrylate	Ave	0.6847	0.5722		16.7	20.0	-16.4	20.0
sec-Butylbenzene	Ave	1.938	2.015		20.8	20.0	3.9	20.0
1,3-Dichlorobenzene	Ave	1.272	1.242	0.6000	19.5	20.0	-2.3	20.0
4-Isopropyltoluene	Ave	1.841	1.788		19.4	20.0	-2.9	20.0
1,4-Dichlorobenzene	Ave	1.404	1.310	0.5000	18.7	20.0	-6.7	20.0
1,2,3-Trimethylbenzene	Ave	2.087	2.030		19.5	20.0	-2.7	20.0
Indan	Ave	2.197	2.158		19.7	20.0	-1.7	20.0
Benzyl chloride	Ave	0.2275	0.1176		10.3	20.0	-48.3	50.0
p-Diethylbenzene	Ave	0.9621	0.9382		19.5	20.0	-2.5	20.0
n-Butylbenzene	Ave	1.397	1.401		20.1	20.0	0.3	20.0
1,2-Dichlorobenzene	Ave	1.272	1.252	0.4000	19.7	20.0	-1.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.729	1.712		19.8	20.0	-1.0	20.0
1,2-Dibromo-3-Chloropropane	Lin2		0.0872	0.0500	13.9	20.0	-30.6	50.0
1,3,5-Trichlorobenzene	Ave	0.7725	0.7621		19.7	20.0	-1.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-645726/2 Calibration Date: 10/09/2019 11:43
 Instrument ID: CVOAMS13 Calib Start Date: 09/25/2019 11:47
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 09/25/2019 14:42
 Lab File ID: P67038.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.7331	0.6826	0.2000	18.6	20.0	-6.9	20.0
Hexachlorobutadiene	Ave	0.2571	0.2444		19.0	20.0	-4.9	20.0
Naphthalene	Ave	1.695	1.500		17.7	20.0	-11.5	50.0
1,2,3-Trichlorobenzene	Ave	0.6725	0.6027		17.9	20.0	-10.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2550	0.2523		49.5	50.0	-1.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2512	0.2315		46.1	50.0	-7.8	20.0
Toluene-d8 (Surr)	Ave	1.179	1.194		50.6	50.0	1.3	20.0
4-Bromofluorobenzene	Ave	0.4286	0.4238		49.4	50.0	-1.1	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67038.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 09-Oct-2019 11:43:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0099009-002
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Oct-2019 11:26:25 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0336

First Level Reviewer: martineze

Date: 10-Oct-2019 11:26:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.785	0.785	0.000	69	5461	20.0	45.1	a
2 Chlorotrifluoroethene	116	0.799	0.799	0.000	87	15912	20.0	20.2	
3 Dichlorodifluoromethane	85	0.807	0.807	0.000	98	61692	20.0	23.7	M
4 1,1-Difluoroethane	65	0.871	0.871	0.000	90	19420	20.0	21.8	
5 Chlorodifluoromethane	67	0.893	0.893	0.000	96	7521	20.0	18.6	a
6 Chloromethane	50	0.950	0.950	0.000	60	57120	20.0	35.1	
8 Butadiene	54	0.950	0.950	0.000	93	38868	20.0	23.4	
7 Vinyl chloride	62	0.971	0.971	0.000	97	46485	20.0	21.6	M
9 Bromomethane	94	1.129	1.129	0.000	99	40186	20.0	22.0	
10 Chloroethane	64	1.150	1.150	0.000	100	36114	20.0	21.0	
11 Pentane	72	1.222	1.222	0.000	96	18015	40.0	62.8	
12 Trichlorofluoromethane	101	1.222	1.222	0.000	79	83726	20.0	23.2	
13 Dichlorofluoromethane	67	1.243	1.243	0.000	99	70900	20.0	19.0	
14 2-Methyl-1,3-butadiene	67	1.372	1.372	0.000	97	60542	20.0	23.0	
15 Ethyl ether	59	1.372	1.372	0.000	94	31683	20.0	19.1	
16 Ethanol	46	1.451	1.451	0.000	95	6118	800.0	961.1	M
18 1,2-Dichloro-1,1,2-trifluo	67	1.473	1.473	0.000	76	56881	20.0	19.2	
17 1,1-Dichloroethene	96	1.473	1.473	0.000	95	43805	20.0	20.0	
19 Carbon disulfide	76	1.494	1.494	0.000	100	119985	20.0	16.9	
20 1,1,2-Trichloro-1,2,2-trif	101	1.494	1.494	0.000	82	48658	20.0	24.0	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.509	1.509	0.000	88	63699	20.0	19.8	a
22 Iodomethane	142	1.552	1.552	0.000	98	48184	20.0	11.0	
23 Cyclopentene	67	1.623	1.623	0.000	96	101078	20.0	21.7	
24 Acrolein	56	1.645	1.645	0.000	94	5331	40.0	50.7	
25 3-Chloro-1-propene	76	1.723	1.723	0.000	88	24577	20.0	18.8	
26 Isopropyl alcohol	45	1.745	1.745	0.000	97	15738	200.0	186.8	
27 Methylene Chloride	84	1.781	1.781	0.000	88	49393	20.0	20.0	
28 Acetone	43	1.802	1.802	0.000	89	33517	100.0	88.6	
29 trans-1,2-Dichloroethene	96	1.874	1.874	0.000	91	48201	20.0	19.9	
30 Methyl acetate	43	1.881	1.881	0.000	98	35783	40.0	46.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.924	1.924	0.000	82	9489	20.0	26.6	
32 Methyl tert-butyl ether	73	1.938	1.938	0.000	92	115901	20.0	18.4	
* 33 TBA-d9 (IS)	65	1.960	1.960	0.000	0	123992	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.003	2.003	0.000	92	21454	200.0	173.2	a
35 Acetonitrile	41	2.067	2.067	0.000	96	19636	200.0	173.1	
36 Isopropyl ether	45	2.175	2.175	0.000	93	102030	20.0	19.3	
37 2-Chloro-1,3-butadiene	88	2.218	2.218	0.000	85	37489	20.0	21.1	
38 1,1-Dichloroethane	63	2.232	2.232	0.000	99	64820	20.0	19.9	
39 Acrylonitrile	53	2.253	2.253	0.000	91	108831	200.0	216.9	
40 Tert-butyl ethyl ether	59	2.397	2.397	0.000	91	102366	20.0	18.4	
41 Vinyl acetate	43	2.397	2.397	0.000	99	118079	40.0	34.3	
42 cis-1,2-Dichloroethene	96	2.576	2.576	0.000	93	46312	20.0	21.1	
43 2,2-Dichloropropane	77	2.647	2.647	0.000	95	50641	20.0	18.8	
45 Chlorobromomethane	128	2.712	2.712	0.000	82	23908	20.0	19.1	
44 Cyclohexane	56	2.712	2.712	0.000	86	52350	20.0	24.2	
46 Chloroform	83	2.769	2.769	0.000	99	67205	20.0	19.5	
47 Carbon tetrachloride	117	2.855	2.855	0.000	97	51223	20.0	18.4	
48 Ethyl acetate	70	2.870	2.870	0.000	96	6808	40.0	42.4	
49 Methyl acrylate	55	2.877	2.877	0.000	80	22778	20.0	17.3	
50 Tetrahydrofuran	42	2.877	2.877	0.000	92	18518	40.0	35.6	
\$ 51 Dibromofluoromethane (Surr	113	2.898	2.898	0.000	97	104585	50.0	49.5	
52 1,1,1-Trichloroethane	97	2.905	2.905	0.000	95	59937	20.0	19.0	
* 53 2-Butanone-d5	46	2.963	2.963	0.000	0	124420	250.0	250.0	
54 2-Butanone (MEK)	72	2.998	2.998	0.000	99	17723	100.0	98.9	
55 1,1-Dichloropropene	75	3.006	3.006	0.000	97	53800	20.0	20.3	
56 Isooctane	57	3.092	3.092	0.000	97	80293	20.0	31.5	
57 n-Heptane	57	3.178	3.178	0.000	37	19576	20.0	36.1	Ma
58 Benzene	78	3.192	3.192	0.000	96	162109	20.0	20.6	
59 Propionitrile	54	3.206	3.206	0.000	98	34162	200.0	232.1	
60 Methacrylonitrile	67	3.228	3.228	0.000	89	120729	200.0	189.5	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.292	3.292	0.000	0	95943	50.0	46.1	
62 Tert-amyl methyl ether	73	3.299	3.299	0.000	97	96620	20.0	18.2	
63 1,2-Dichloroethane	62	3.342	3.342	0.000	97	44657	20.0	17.3	
64 Isobutyl alcohol	43	3.428	3.428	0.000	96	16115	500.0	389.2	
65 t-Amyl alcohol	59	3.493	3.493	0.000	85	13835	200.0	165.5	
* 66 Fluorobenzene	96	3.536	3.536	0.000	99	414509	50.0	50.0	
67 Isopropyl acetate	43	3.600	3.600	0.000	99	47013	20.0	16.5	
68 Methylcyclohexane	83	3.657	3.657	0.000	92	49215	20.0	24.2	
69 Trichloroethene	130	3.672	3.672	0.000	94	50499	20.0	20.5	
70 2-ethoxy-2-methyl butane	59	3.915	3.915	0.000	98	79300	20.0	18.2	
71 Dibromomethane	93	4.037	4.037	0.000	92	23785	20.0	19.4	
72 n-Butanol	56	4.051	4.051	0.000	86	11023	500.0	440.1	
73 1,2-Dichloropropane	63	4.130	4.130	0.000	91	36953	20.0	20.2	
75 Dichlorobromomethane	83	4.209	4.209	0.000	98	46274	20.0	17.8	
74 Ethyl acrylate	55	4.209	4.209	0.000	59	31407	20.0	16.1	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	15755	1000.0	1000.0	
77 Methyl methacrylate	100	4.410	4.410	0.000	81	19543	40.0	37.9	
78 1,4-Dioxane	88	4.424	4.424	0.000	36	7058	400.0	384.0	
79 n-Propyl acetate	43	4.560	4.560	0.000	97	31831	20.0	17.1	
80 2-Chloroethyl vinyl ether	63	4.825	4.825	0.000	93	19513	20.0	18.5	
81 cis-1,3-Dichloropropene	75	4.847	4.847	0.000	90	54054	20.0	17.7	
\$ 82 Toluene-d8 (Surr)	98	5.061	5.061	0.000	99	410053	50.0	50.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	5.112	5.112	0.000	95	181557	20.0	19.7	
84 Epichlorohydrin	57	5.126	5.126	0.000	99	45240	400.0	403.7	
85 2-Nitropropane	41	5.348	5.348	0.000	98	8255	40.0	19.0	
86 Tetrachloroethene	166	5.534	5.534	0.000	97	49940	20.0	20.6	
87 4-Methyl-2-pentanone (MIBK)	43	5.570	5.570	0.000	95	115257	100.0	96.9	
88 trans-1,3-Dichloropropene	75	5.599	5.599	0.000	96	46274	20.0	17.1	
89 1,1,2-Trichloroethane	83	5.771	5.771	0.000	95	27751	20.0	20.5	
90 Ethyl methacrylate	69	5.856	5.856	0.000	87	38845	20.0	17.7	
91 Chlorodibromomethane	129	5.964	5.964	0.000	97	36648	20.0	16.7	
92 1,3-Dichloropropane	76	6.079	6.079	0.000	91	56567	20.0	20.9	
93 Ethylene Dibromide	107	6.207	6.207	0.000	99	35548	20.0	20.3	
94 n-Butyl acetate	43	6.558	6.558	0.000	96	32774	20.0	15.1	
95 2-Hexanone	43	6.623	6.623	0.000	91	76310	100.0	93.7	
* 96 Chlorobenzene-d5	117	6.909	6.909	0.000	83	343374	50.0	50.0	
97 Chlorobenzene	112	6.924	6.924	0.000	98	126274	20.0	20.0	
98 Ethylbenzene	106	7.017	7.017	0.000	97	66459	20.0	19.9	
99 1,1,1,2-Tetrachloroethane	131	7.031	7.031	0.000	93	40894	20.0	17.9	
100 m-Xylene & p-Xylene	106	7.232	7.232	0.000	0	79378	20.0	19.5	
101 o-Xylene	106	7.812	7.812	0.000	96	75928	20.0	19.6	
102 Bromoform	173	7.869	7.869	0.000	95	20820	20.0	16.4	
103 Styrene	104	7.898	7.898	0.000	98	121924	20.0	19.0	
104 n-Butyl acrylate	73	8.227	8.227	0.000	98	21399	20.0	16.9	
105 Isopropylbenzene	105	8.292	8.292	0.000	94	183657	20.0	20.2	
106 Amyl acetate (mixed isomer)	43	8.636	8.636	0.000	92	42382	20.0	15.5	
\$ 107 4-Bromofluorobenzene	174	8.664	8.664	0.000	98	145522	50.0	49.4	
108 Bromobenzene	156	8.772	8.772	0.000	88	56791	20.0	19.3	
109 N-Propylbenzene	91	8.922	8.922	0.000	100	196051	20.0	20.3	
110 1,1,2,2-Tetrachloroethane	83	9.073	9.073	0.000	97	38616	20.0	19.0	
111 2-Chlorotoluene	91	9.094	9.094	0.000	97	145205	20.0	19.5	
112 4-Ethyltoluene	105	9.116	9.116	0.000	98	179585	20.0	20.1	
113 1,2,3-Trichloropropane	110	9.202	9.202	0.000	96	13029	20.0	19.2	
114 1,3,5-Trimethylbenzene	105	9.266	9.266	0.000	94	146015	20.0	19.6	
115 trans-1,4-Dichloro-2-buten	53	9.331	9.331	0.000	82	7291	20.0	14.4	
116 4-Chlorotoluene	91	9.359	9.359	0.000	96	133444	20.0	19.9	
117 tert-Butylbenzene	119	9.732	9.732	0.000	97	121229	20.0	20.1	
118 1,2,4-Trimethylbenzene	105	9.861	9.861	0.000	96	154433	20.0	19.3	
119 Butyl Methacrylate	87	9.868	9.868	0.000	91	45738	20.0	16.7	
120 sec-Butylbenzene	105	10.025	10.025	0.000	99	161042	20.0	20.8	
121 1,3-Dichlorobenzene	146	10.283	10.283	0.000	98	99301	20.0	19.5	
122 4-Isopropyltoluene	119	10.305	10.305	0.000	98	142943	20.0	19.4	
* 123 1,4-Dichlorobenzene-d4	152	10.419	10.419	0.000	93	199848	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.441	10.441	0.000	96	104738	20.0	18.7	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	97	162314	20.0	19.5	
126 2,3-Dihydroindene	117	10.720	10.720	0.000	94	172540	20.0	19.7	
127 Benzyl chloride	126	10.892	10.892	0.000	98	9399	20.0	10.3	
128 p-Diethylbenzene	119	10.914	10.914	0.000	95	75000	20.0	19.5	
129 n-Butylbenzene	91	10.992	10.992	0.000	97	112006	20.0	20.1	
130 1,2-Dichlorobenzene	146	11.107	11.107	0.000	98	100071	20.0	19.7	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	98	136829	20.0	19.8	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	93	6967	20.0	13.9	
133 1,3,5-Trichlorobenzene	180	12.253	12.253	0.000	98	60922	20.0	19.7	
134 1,2,4-Trichlorobenzene	180	12.934	12.934	0.000	95	54567	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
135 Hexachlorobutadiene	225	12.955	12.955	0.000	95	19540	20.0	19.0	
136 Naphthalene	128	13.234	13.234	0.000	99	119937	20.0	17.7	
137 1,2,3-Trichlorobenzene	180	13.406	13.406	0.000	96	48181	20.0	17.9	
S 138 1,2-Dichloroethene, Total	100				0		40.0	41.0	
S 139 1,3-Dichloropropene, Total	100				0		40.0	34.8	
S 140 Xylenes, Total	100				0		40.0	39.0	
S 142 Total BTEX	1				0		100.0	99.2	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00336	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 20.00	Units: uL	
ACROLEIN W_00096	Amount Added: 4.00	Units: uL	
524freon_00013	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67038.D

Injection Date: 09-Oct-2019 11:43:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

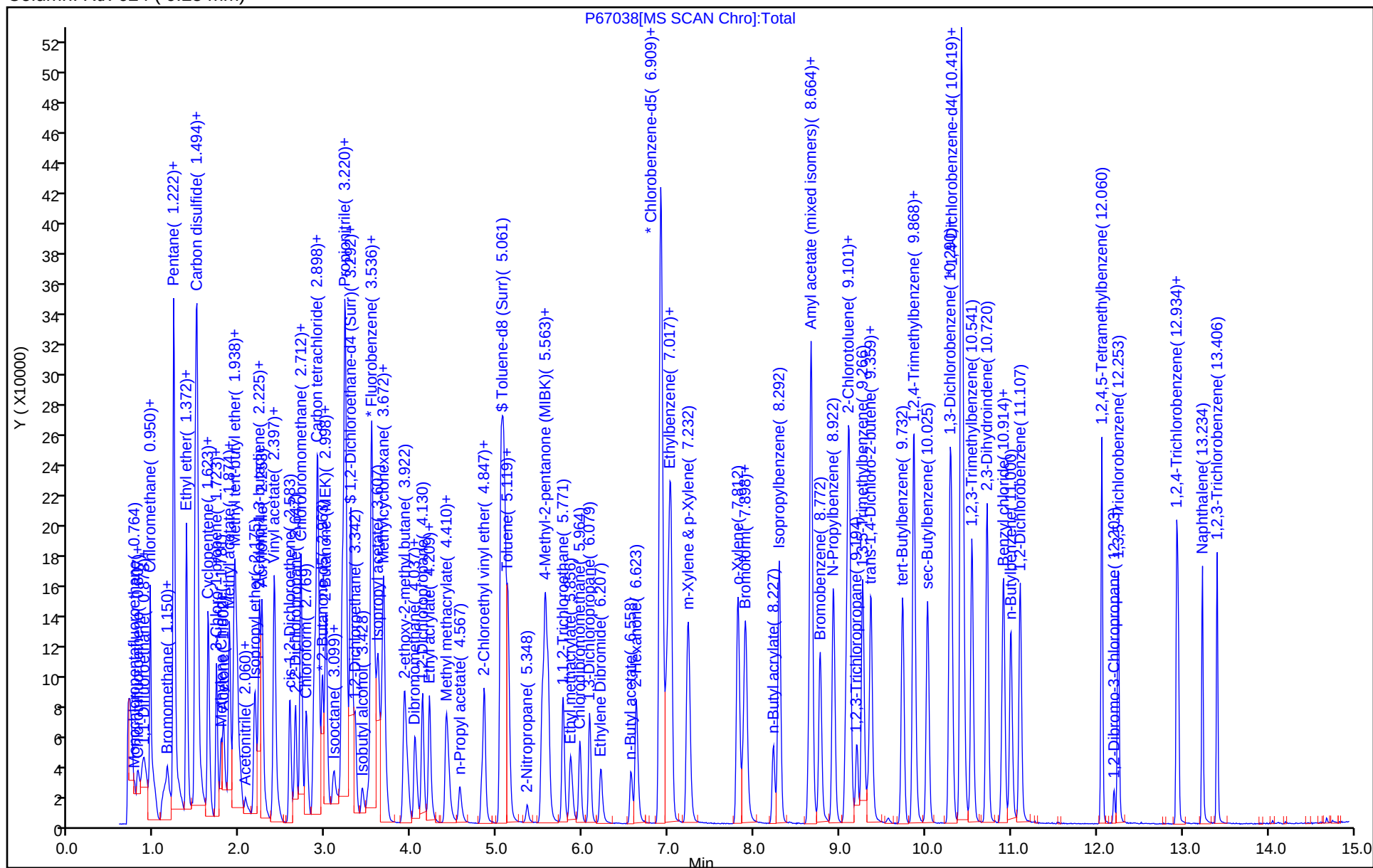
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67038.D

Injection Date: 09-Oct-2019 11:43:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

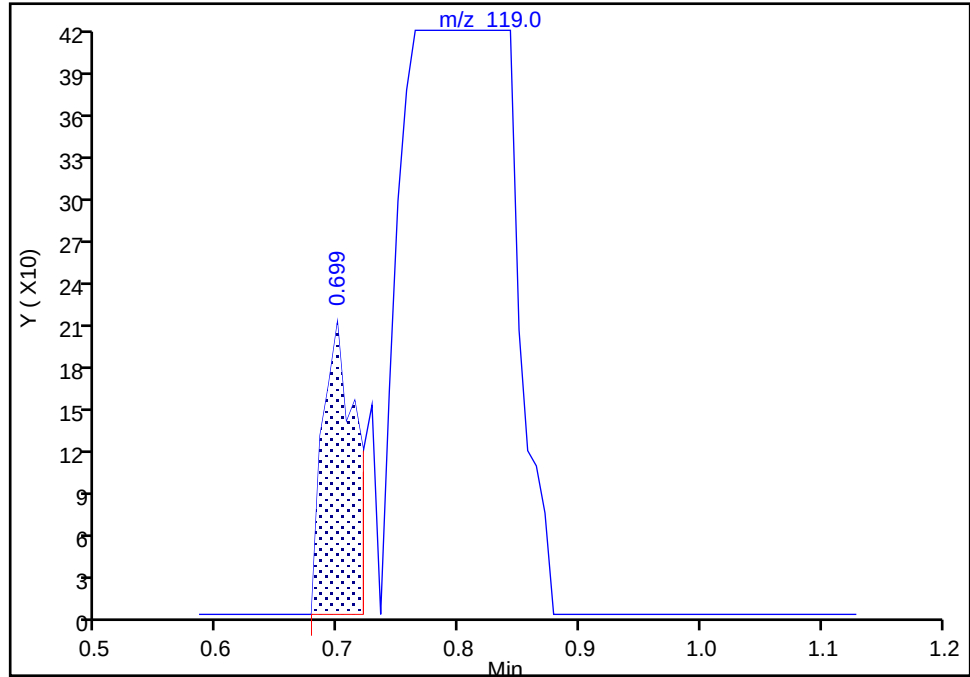
MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

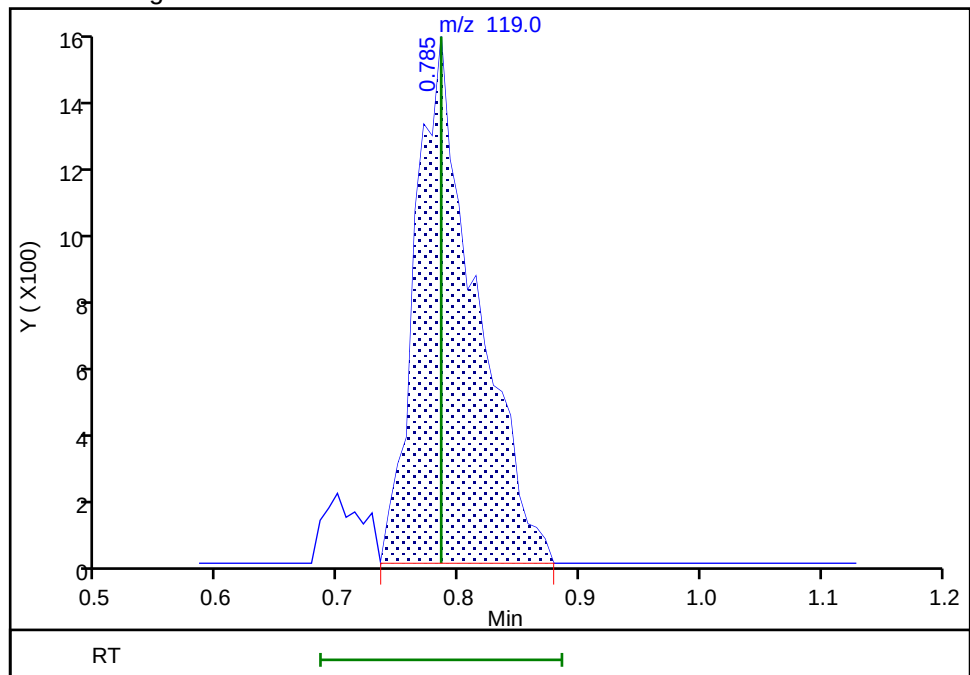
RT: 0.70
Area: 393
Amount: 3.248435
Amount Units: ug/l

Processing Integration Results



RT: 0.79
Area: 5461
Amount: 45.139194
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 11:03:51

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67038.D

Injection Date: 09-Oct-2019 11:43:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

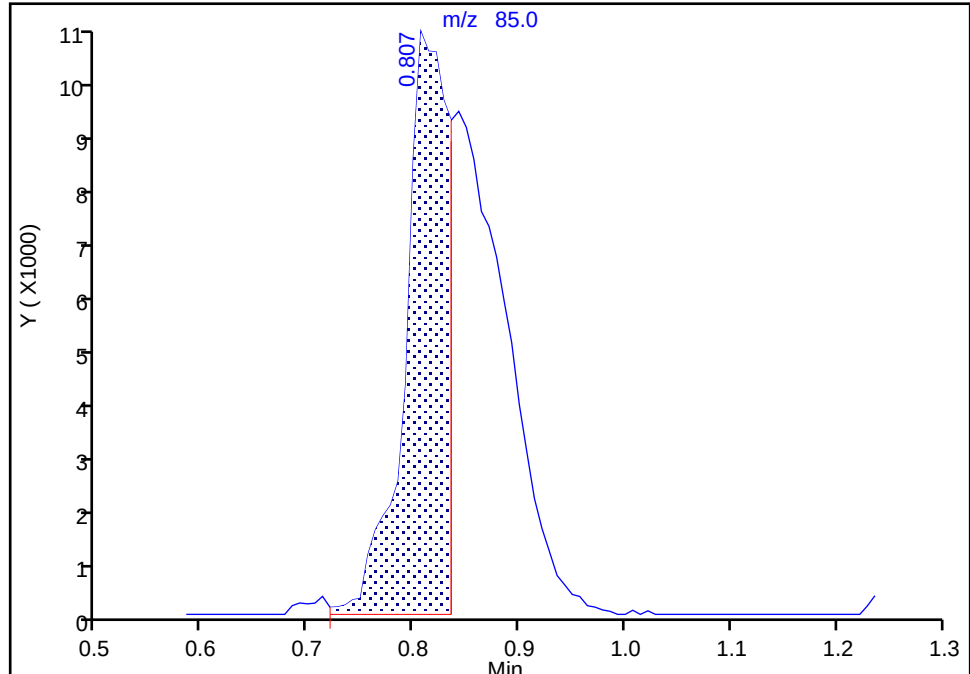
MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

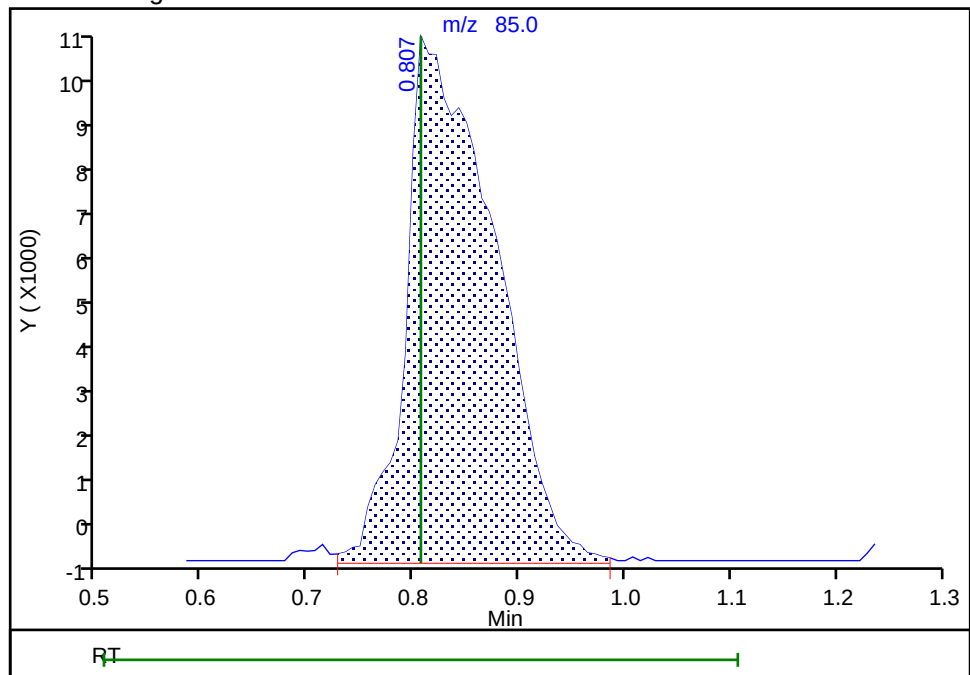
RT: 0.81
Area: 30454
Amount: 11.716093
Amount Units: ug/l

Processing Integration Results



RT: 0.81
Area: 61692
Amount: 23.733801
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 11:04:08

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67038.D

Injection Date: 09-Oct-2019 11:43:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

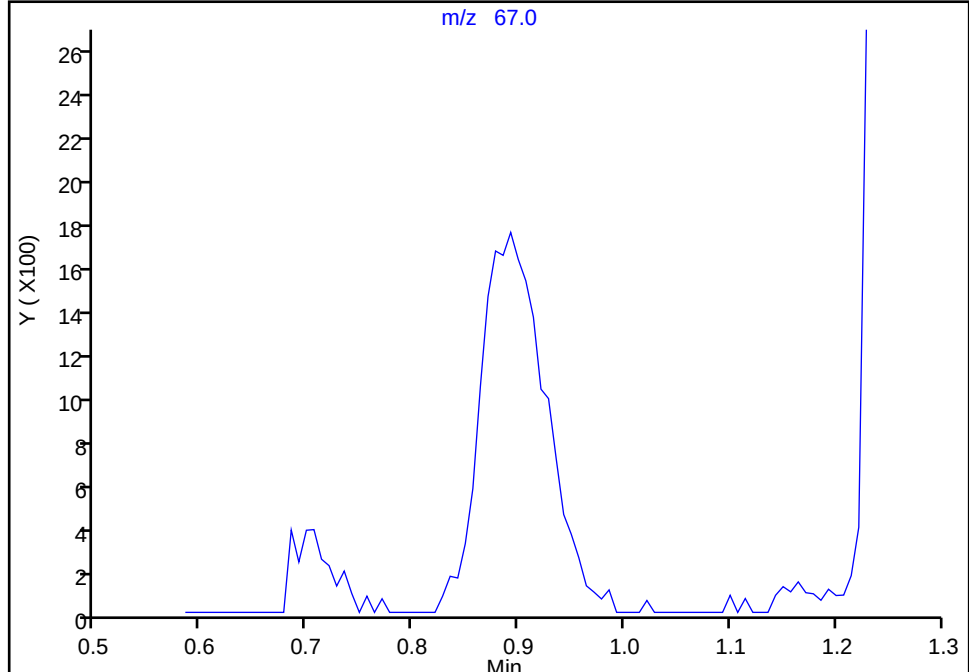
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

Not Detected

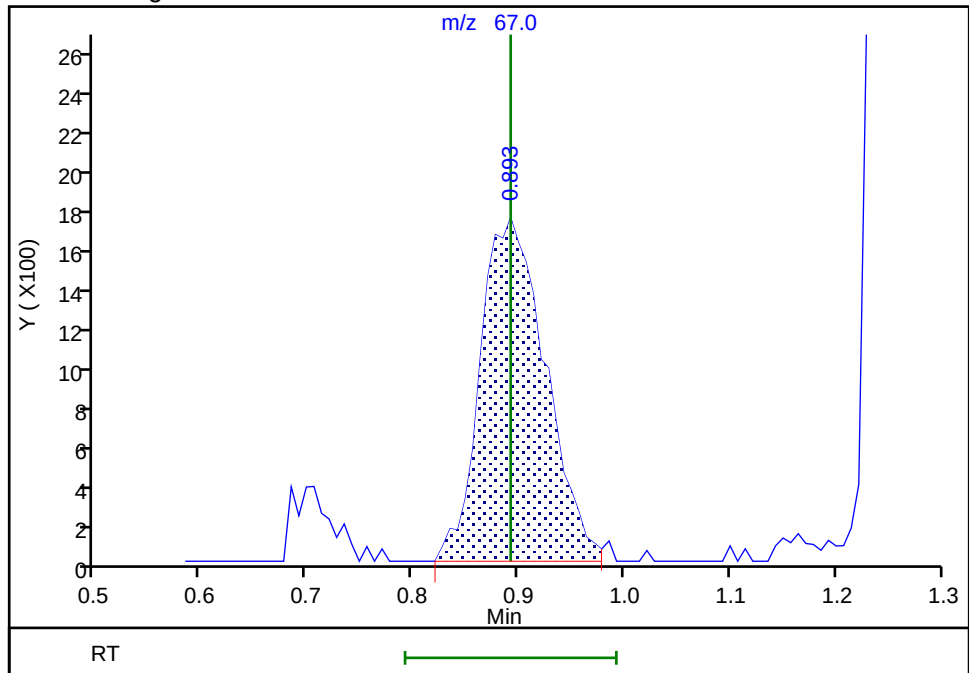
Expected RT: 0.89

Processing Integration Results



RT: 0.89
Area: 7521
Amount: 18.645098
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 11:04:14

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67038.D

Injection Date: 09-Oct-2019 11:43:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

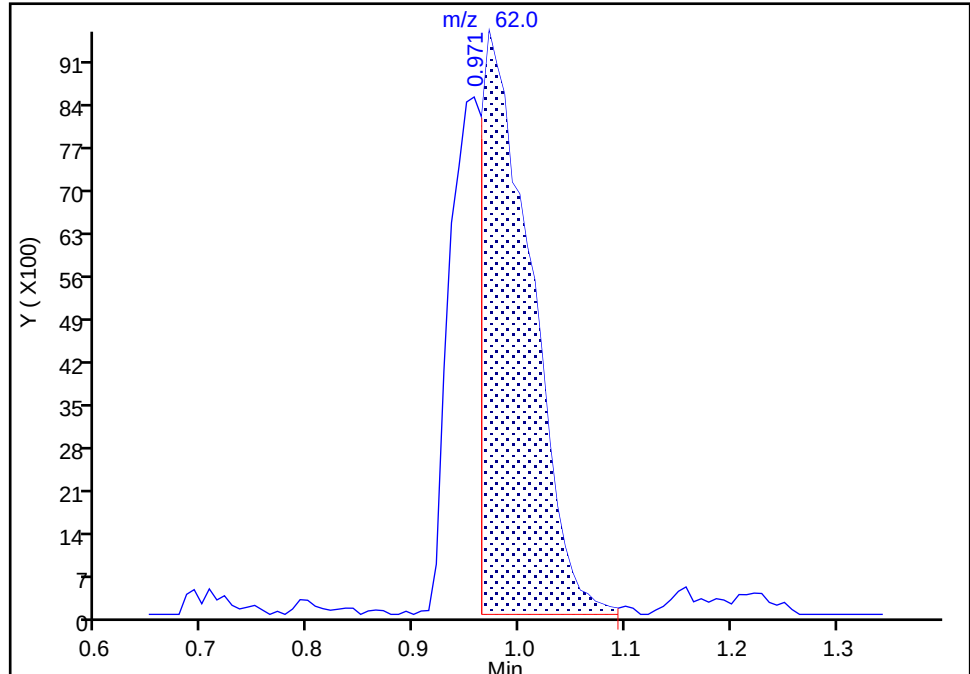
Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

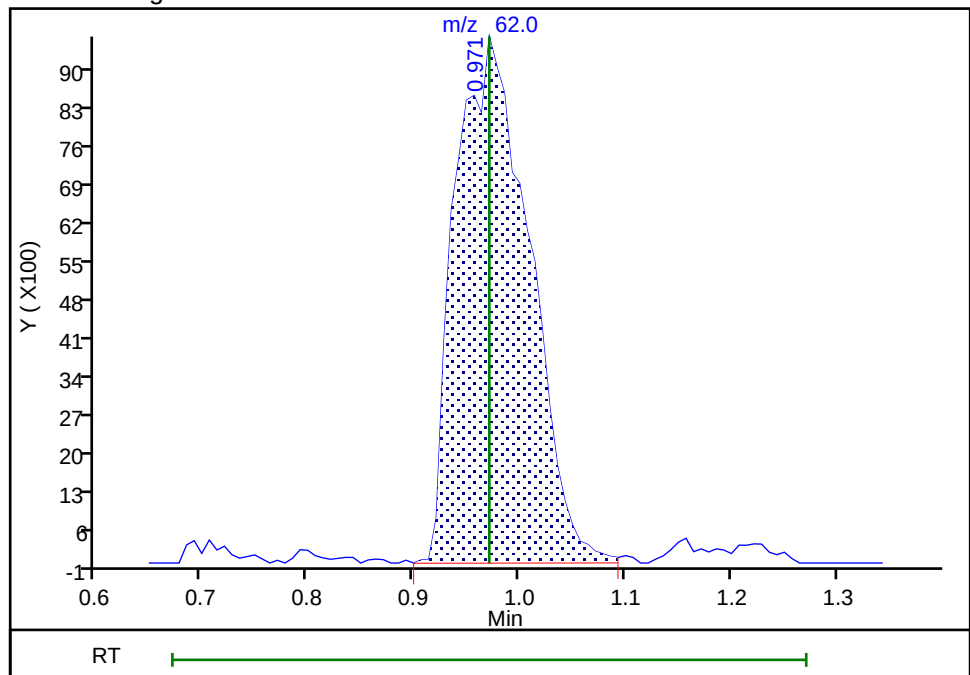
RT: 0.97
Area: 31204
Amount: 14.501602
Amount Units: ug/l

Processing Integration Results



RT: 0.97
Area: 46485
Amount: 21.603222
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 11:04:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67038.D

Injection Date: 09-Oct-2019 11:43:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

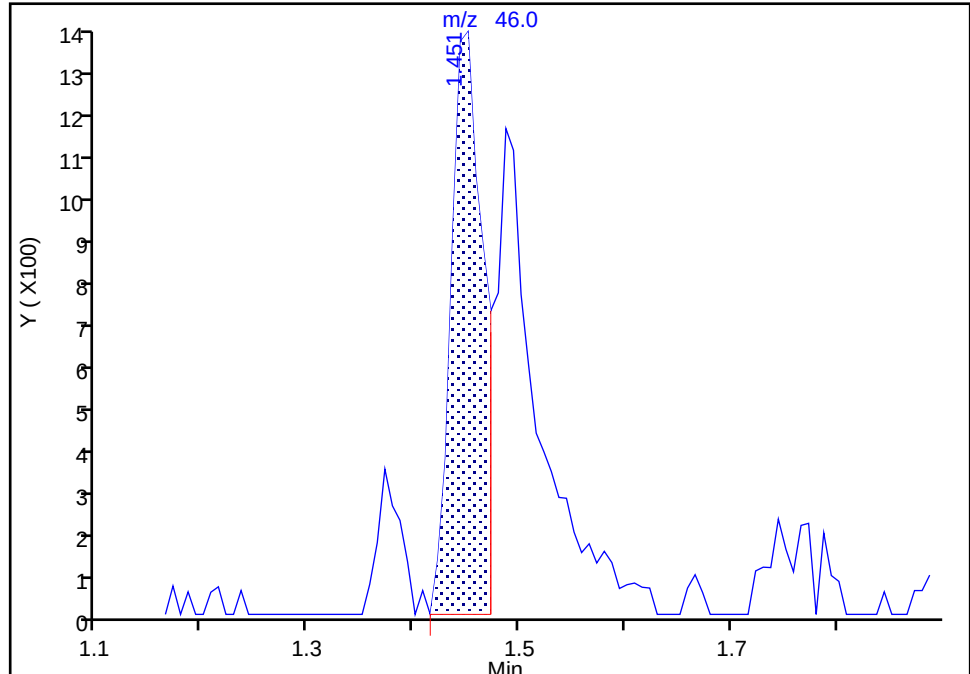
Detector: MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

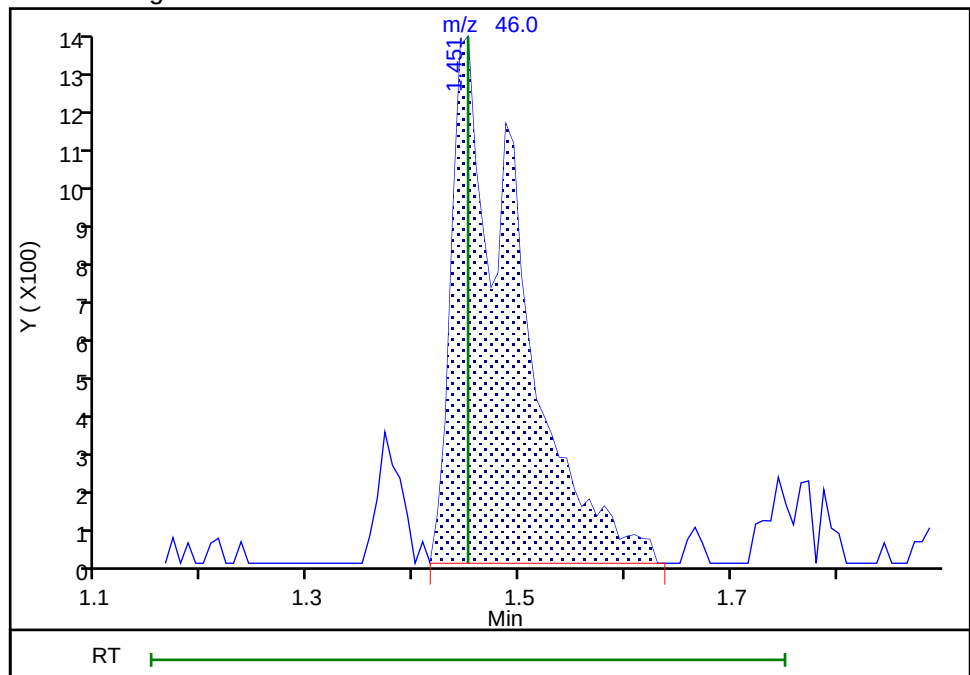
RT: 1.45
Area: 2947
Amount: 462.7337
Amount Units: ug/l

Processing Integration Results



RT: 1.45
Area: 6118
Amount: 961.0927
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 11:04:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67038.D

Injection Date: 09-Oct-2019 11:43:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

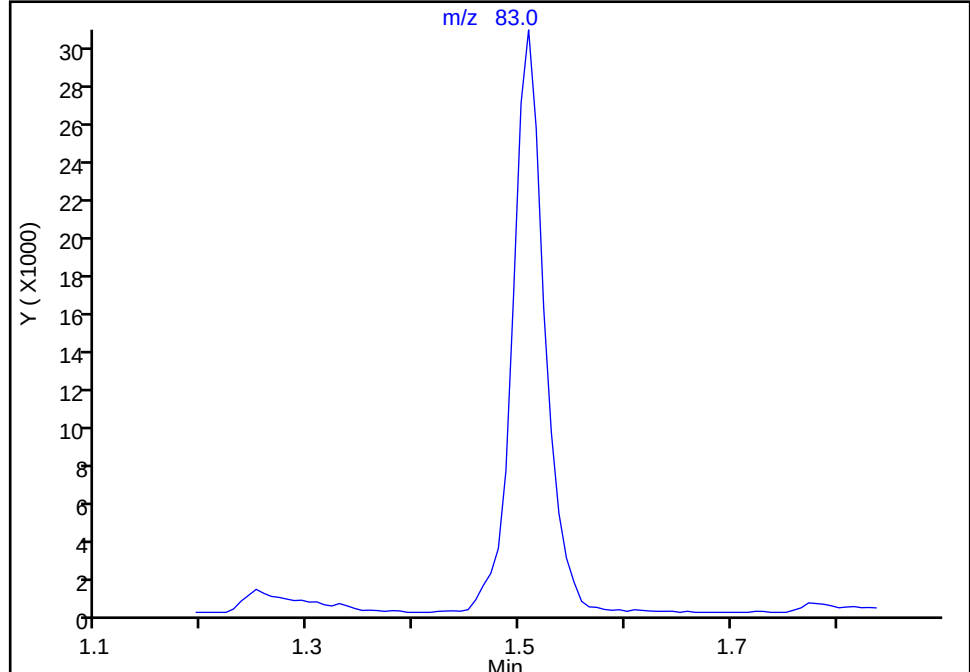
21 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

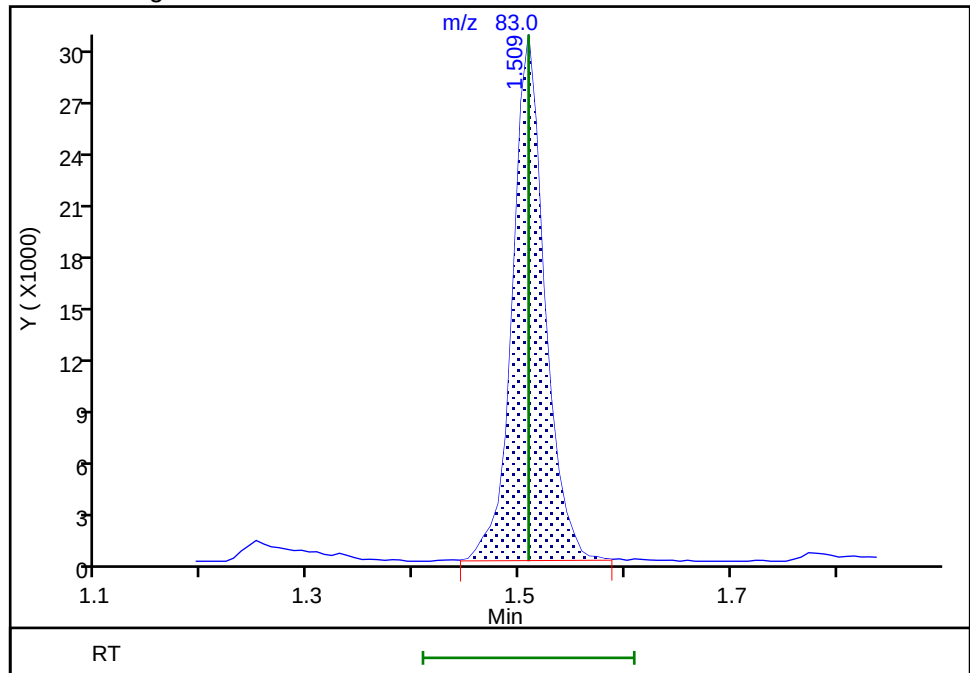
Not Detected

Expected RT: 1.51

Processing Integration Results



Manual Integration Results



RT: 1.51
Area: 63699
Amount: 19.780226
Amount Units: ug/l

Reviewer: martineze, 09-Oct-2019 11:04:56

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67038.D

Injection Date: 09-Oct-2019 11:43:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

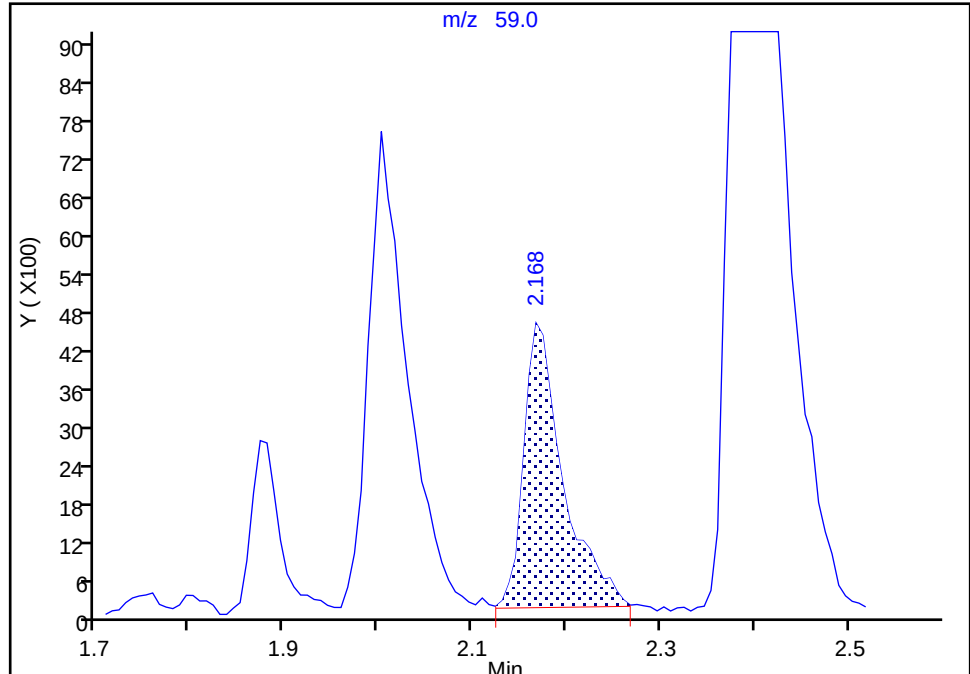
MS SCAN

34 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

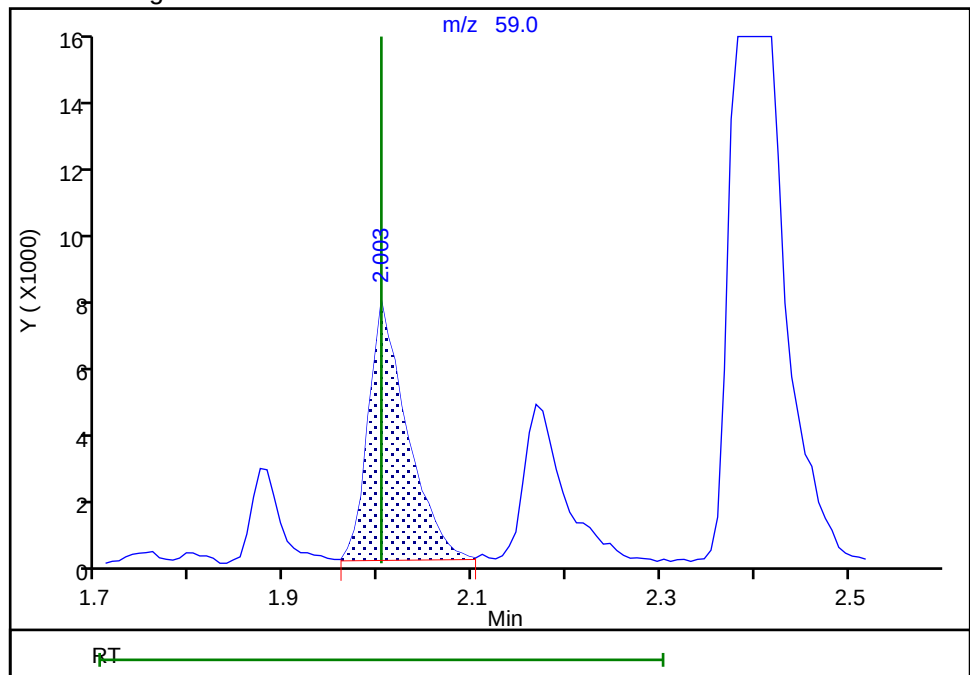
RT: 2.17
Area: 12936
Amount: 103.5198
Amount Units: ug/l

Processing Integration Results



RT: 2.00
Area: 21454
Amount: 173.1585
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 11:48:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67038.D

Injection Date: 09-Oct-2019 11:43:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

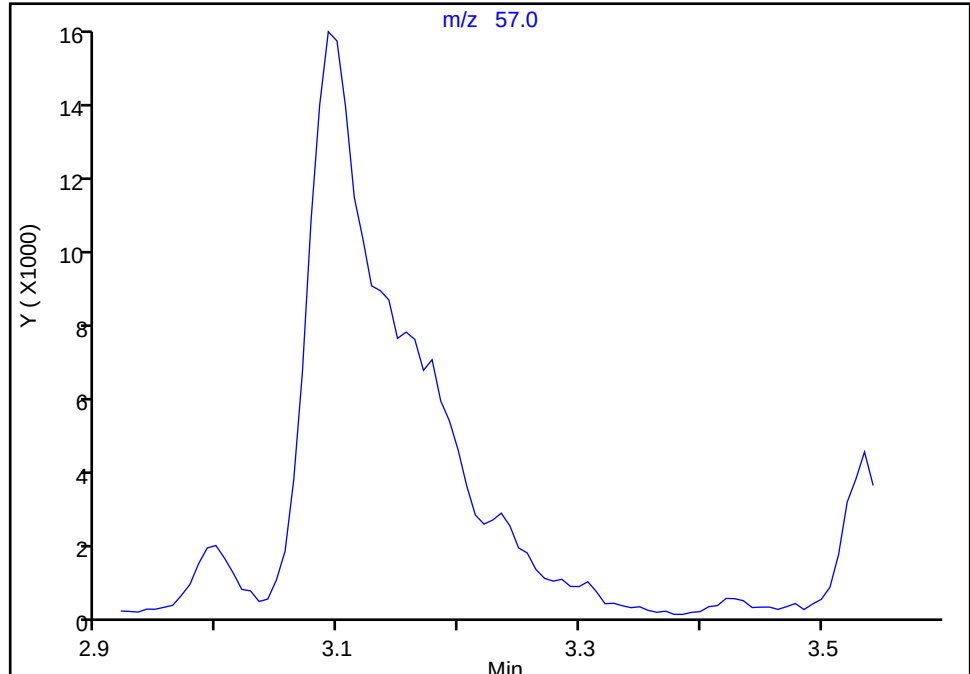
57 n-Heptane, CAS: 142-82-5

Signal: 1

Not Detected

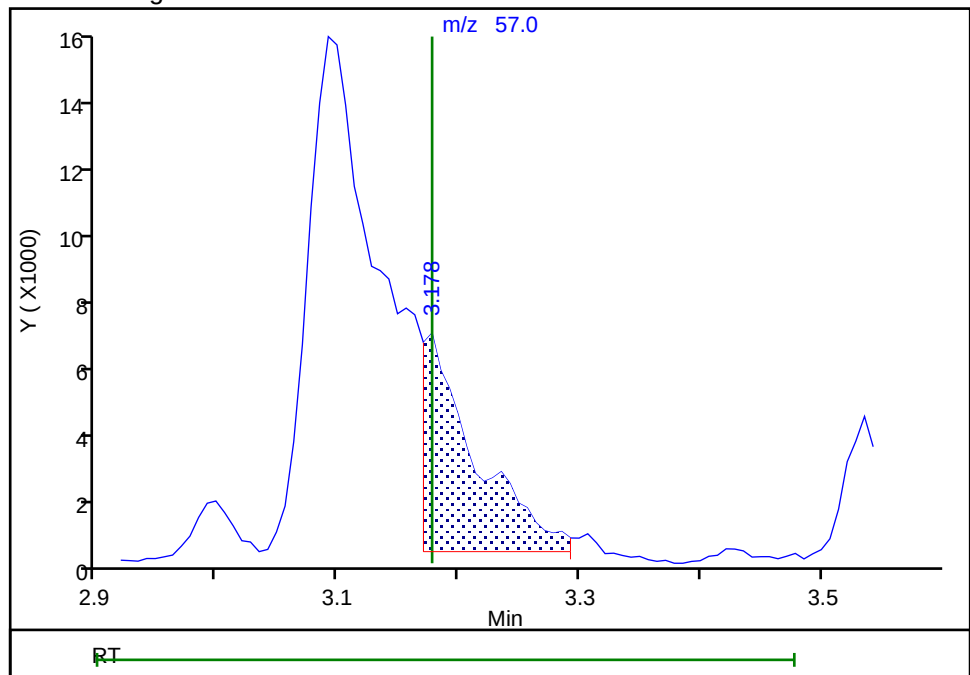
Expected RT: 3.18

Processing Integration Results



RT: 3.18
Area: 19576
Amount: 36.141666
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 10-Oct-2019 10:40:38

Audit Action: Split an Integrated Peak

Audit Reason: Wrong peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66297.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 25-Sep-2019 11:24:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0098145-001
Operator ID: Instrument ID: CVOAMS13
Method: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2019 17:39:03 Calib Date: 25-Sep-2019 14:42:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0320

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 143 BFB	95	2.073	2.073	0.000	94	20290	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00021

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66297.D

Injection Date: 25-Sep-2019 11:24:30

Instrument ID: CVOAMS13

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

1.0000

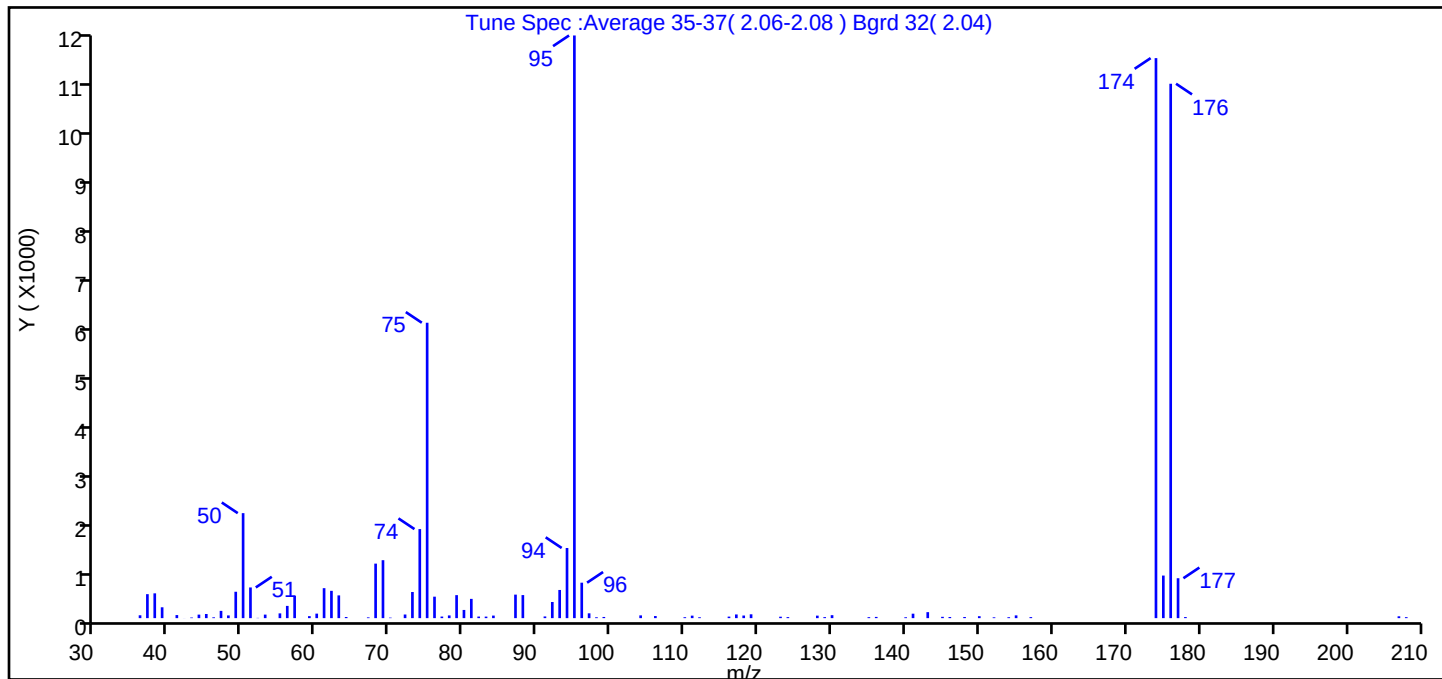
Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.0
75	30 to 60% of m/z 95	50.7
96	5 to 9% of m/z 95	6.1
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	96.1
175	5 to 9% of m/z 174	7.3 (7.6)
176	Greater than 95% but less than 101% of m/z 174	91.7 (95.4)
177	5 to 9% of m/z 176	6.9 (7.5)

Data File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66297.D\8260W_13.rsl\spectra.d
Injection Date: 25-Sep-2019 11:24:30
Spectrum: Tune Spec :Average 35-37(2.06-2.08) Bgrd 32(2.04)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 88

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	56	61.00	585	88.00	450	129.00	20
37.00	468	62.00	533	91.00	33	130.00	58
38.00	484	63.00	444	92.00	315	135.00	19
39.00	212	64.00	22	93.00	550	136.00	24
41.00	60	67.00	15	94.00	1369	140.00	17
42.00	1	68.00	1064	95.00	11371	141.00	87
43.00	12	69.00	1131	96.00	692	143.00	117
44.00	69	70.00	10	97.00	94	145.00	26
45.00	81	72.00	71	98.00	17	146.00	22
46.00	16	73.00	510	99.00	23	148.00	22
47.00	142	74.00	1738	104.00	54	150.00	38
48.00	53	75.00	5765	106.00	41	152.00	16
49.00	515	76.00	419	110.00	18	154.00	18
50.00	2049	77.00	31	111.00	49	155.00	54
51.00	599	78.00	53	112.00	17	157.00	20
52.00	5	79.00	449	116.00	30	174.00	10929
53.00	69	80.00	160	117.00	72	175.00	831
55.00	93	81.00	376	118.00	51	176.00	10429
56.00	239	82.00	31	119.00	75	177.00	779
57.00	436	83.00	30	123.00	28	178.00	21
59.00	39	84.00	50	124.00	20	207.00	36
60.00	88	87.00	459	128.00	49	208.00	19

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66988.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 08-Oct-2019 09:16:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0098932-001
Operator ID: Instrument ID: CVOAMS13
Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Oct-2019 20:29:51 Calib Date: 25-Sep-2019 14:42:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0326

First Level Reviewer: baronm

Date: 09-Oct-2019 20:29:51

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

\$ 143 BFB	95	2.073	2.073	0.000	92	17430	NR	NR	a

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

a - User Assigned ID

Reagents:

BFB_00021

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66988.D

Injection Date: 08-Oct-2019 09:16:30

Instrument ID: CVOAMS13

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

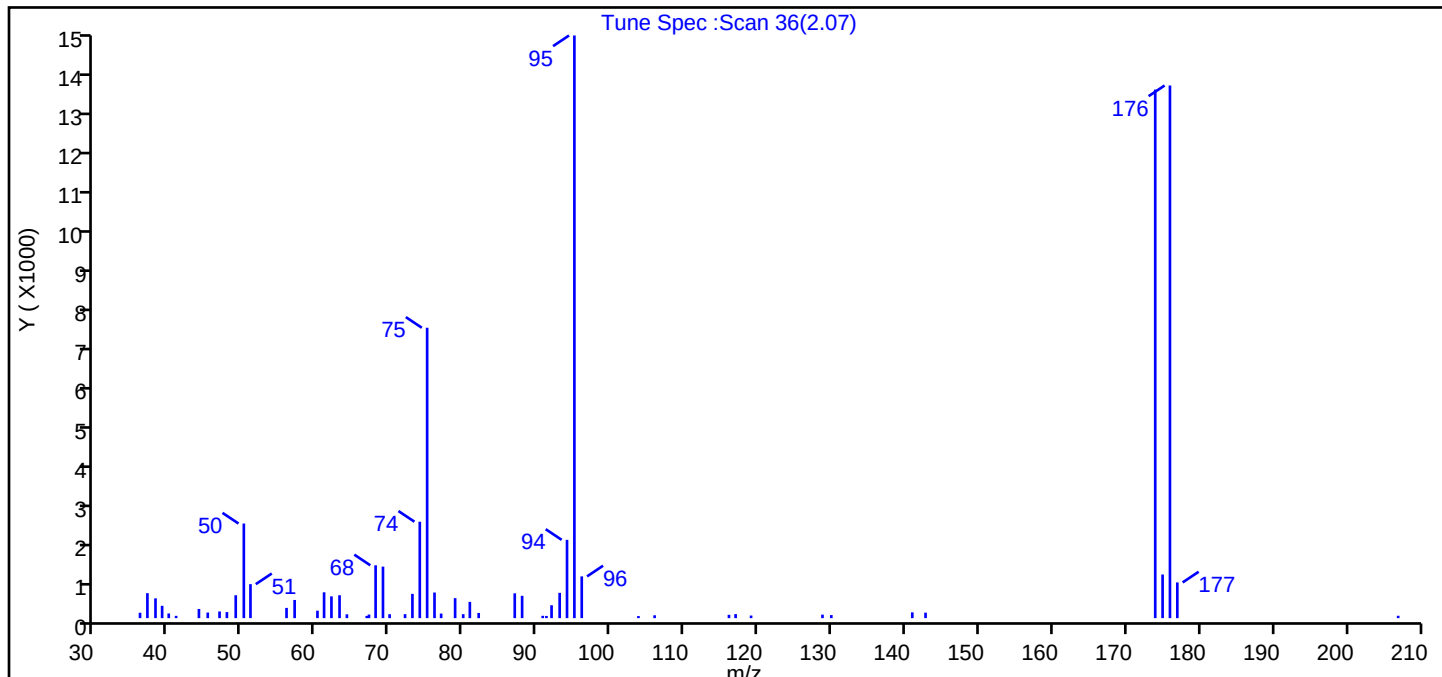
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.2
75	30 to 60% of m/z 95	49.8
96	5 to 9% of m/z 95	7.2
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	90.7
175	5 to 9% of m/z 174	7.5 (8.3)
176	Greater than 95% but less than 101% of m/z 174	91.4 (100.8)
177	5 to 9% of m/z 176	6.1 (6.7)

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66988.D\8260W_13.rsl\spectra.d
Injection Date: 08-Oct-2019 09:16:30
Spectrum: Tune Spec :Scan 36(2.07)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 58

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	134	60.10	185	76.90	114	105.90	71
37.00	620	61.00	641	78.80	496	116.00	83
38.10	491	62.00	540	79.90	99	116.90	100
39.00	306	63.10	568	80.80	404	119.00	65
39.90	116	64.10	95	82.00	129	128.70	87
40.90	57	66.80	56	86.90	616	129.90	76
44.00	227	67.10	89	87.90	554	140.90	144
45.20	139	68.00	1311	90.70	58	142.70	136
46.80	166	69.00	1278	91.20	55	173.90	13113
47.80	150	69.90	98	91.90	320	174.90	1083
49.00	568	72.00	99	93.00	628	175.90	13214
50.10	2347	73.00	603	94.00	1942	176.90	886
51.00	843	74.00	2392	95.00	14455	206.90	59
55.90	254	75.00	7204	96.00	1036		
57.00	451	76.00	636	103.70	52		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67017.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 08-Oct-2019 22:41:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0098968-001
Operator ID: Instrument ID: CVOAMS13
Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 08-Oct-2019 22:06:19 Calib Date: 25-Sep-2019 14:42:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0309

First Level Reviewer: parekhv

Date: 08-Oct-2019 22:06:19

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

\$ 143 BFB	95	2.073	2.073	0.000	0	10570	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00021

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67017.D

Injection Date: 08-Oct-2019 22:41:30

Instrument ID: CVOAMS13

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

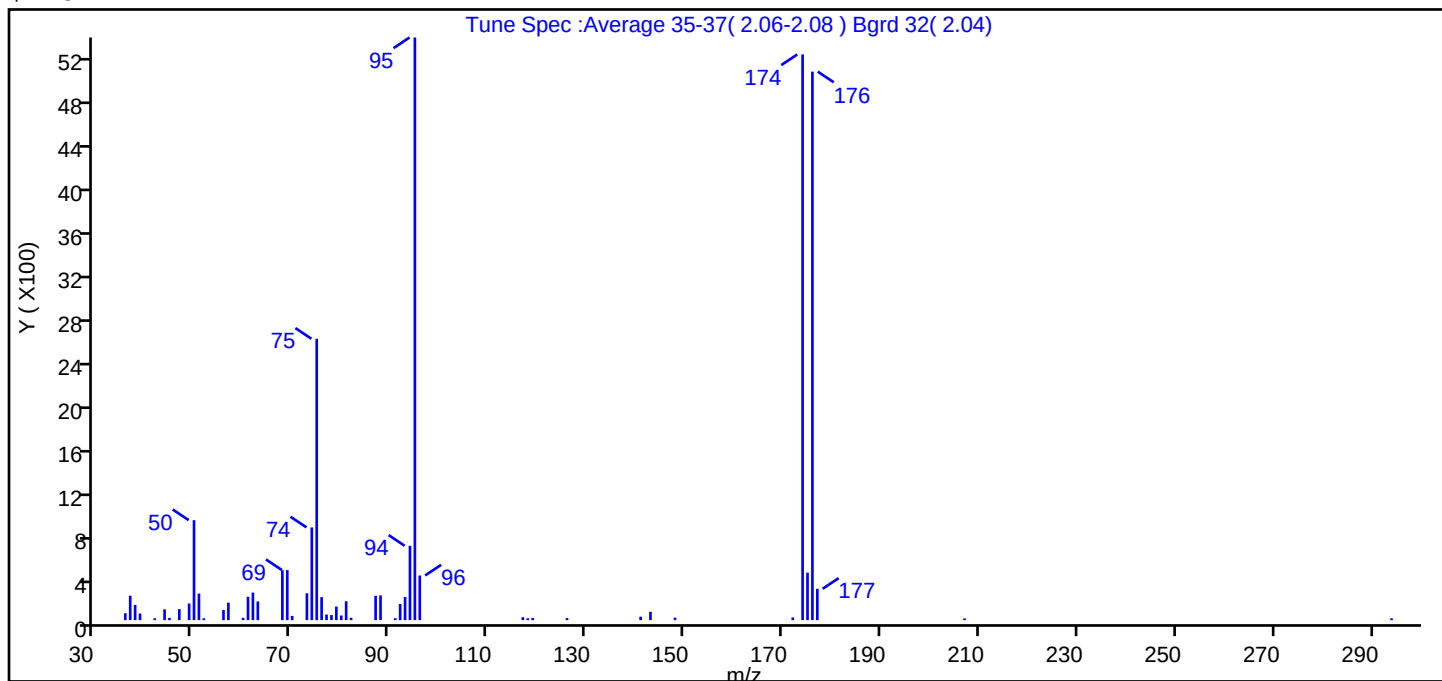
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.2
75	30 to 60% of m/z 95	48.3
96	5 to 9% of m/z 95	7.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	97.1
175	5 to 9% of m/z 174	8.1 (8.4)
176	Greater than 95% but less than 101% of m/z 174	94.1 (97.0)
177	5 to 9% of m/z 176	5.4 (5.7)

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\p67017.D\8260W_13.rsl\spectra.d
Injection Date: 08-Oct-2019 22:41:30
Spectrum: Tune Spec :Average 35-37(2.06-2.08) Bgrd 32(2.04)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 53

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	64	60.00	21	80.00	43	126.00	19
37.00	226	61.00	216	81.00	175	141.00	32
38.00	141	62.00	255	82.00	22	143.00	77
39.00	61	63.00	173	87.00	225	148.00	23
42.00	17	68.00	461	88.00	229	172.00	25
44.00	100	69.00	463	91.00	18	174.00	5233
45.00	21	70.00	39	92.00	149	175.00	439
47.00	102	73.00	249	93.00	214	176.00	5074
49.00	154	74.00	858	94.00	688	177.00	290
50.00	925	75.00	2603	95.00	5390	207.00	16
51.00	246	76.00	213	96.00	413	294.00	17
52.00	17	77.00	52	117.00	27		
56.00	94	78.00	47	118.00	17		
57.00	162	79.00	126	119.00	20		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67037.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 09-Oct-2019 11:17:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0098968-001
Operator ID: Instrument ID: CVOAMS13
Method: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Oct-2019 14:05:20 Calib Date: 25-Sep-2019 14:42:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0329

First Level Reviewer: martineze

Date: 09-Oct-2019 10:25:23

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

\$ 143 BFB

95

2.081

2.081

0.000

0

9516

NR

NR

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00021

Amount Added: 1.00

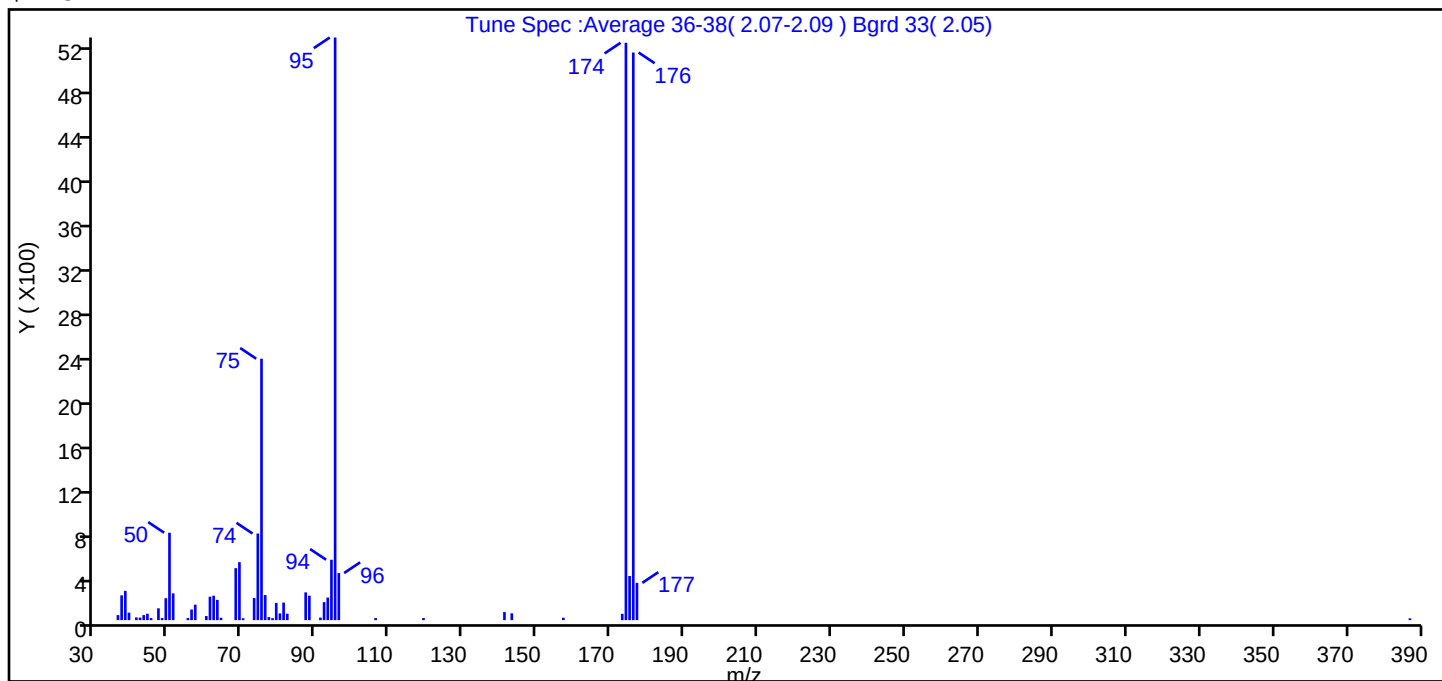
Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67037.D
Injection Date: 09-Oct-2019 11:17:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID:
Injection Vol: 5.0 mL
Method: 8260W_13
Tune Method: BFB Method 8260

ALS Bottle#: 99 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid

\$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.0
75	30 to 60% of m/z 95	44.9
96	5 to 9% of m/z 95	8.1
173	Less than 2% of m/z 174	1.1 (1.1)
174	50 to 120% of m/z 95	99.1
175	5 to 9% of m/z 174	7.6 (7.6)
176	Greater than 95% but less than 101% of m/z 174	97.4 (98.3)
177	5 to 9% of m/z 176	6.4 (6.6)

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\p67037.D\8260W_13.rsl\spectra.d
Injection Date: 09-Oct-2019 11:17:30
Spectrum: Tune Spec :Average 36-38(2.07-2.09) Bgrd 33(2.05)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 54

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	46	55.00	19	76.00	227	96.00	426
37.00	224	56.00	96	77.00	28	106.00	19
38.00	265	57.00	140	78.00	18	119.00	19
39.00	68	60.00	37	79.00	156	141.00	73
41.00	25	61.00	212	80.00	61	143.00	62
42.00	23	62.00	221	81.00	159	157.00	22
43.00	46	63.00	183	82.00	58	173.00	57
44.00	58	64.00	21	87.00	251	174.00	5218
45.00	19	68.00	470	88.00	221	175.00	399
47.00	107	69.00	524	91.00	23	176.00	5130
48.00	19	70.00	17	92.00	163	177.00	337
49.00	198	73.00	200	93.00	204	387.00	16
50.00	790	74.00	783	94.00	546		
51.00	242	75.00	2363	95.00	5266		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-645366/8

Matrix: Water Lab File ID: P66995.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2019 12:29

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 645366 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-645366/8
 Matrix: Water Lab File ID: P66995.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2019 12:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645366 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		74-132
460-00-4	4-Bromofluorobenzene	93		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	93		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66995.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 08-Oct-2019 12:29:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0098932-008
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2019 23:14:53 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0329

First Level Reviewer: desais

Date: 08-Oct-2019 11:54:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.953	1.946	0.007	0	134039	1000.0	1000.0	
\$ 51 Dibromofluoromethane (Surr	113	2.898	2.891	0.007	97	98606	50.0	46.6	
* 53 2-Butanone-d5	46	2.956	2.948	0.008	0	121418	250.0	250.0	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.278	0.007	0	90128	50.0	43.2	
* 66 Fluorobenzene	96	3.529	3.521	0.008	100	415054	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.402	4.395	0.007	0	15012	1000.0	1000.0	
\$ 82 Toluene-d8 (Surr)	98	5.047	5.040	0.007	99	399492	50.0	50.5	
* 96 Chlorobenzene-d5	117	6.902	6.895	0.007	83	335228	50.0	50.0	
\$ 107 4-Bromofluorobenzene	174	8.664	8.657	0.007	98	133568	50.0	46.5	
* 123 1,4-Dichlorobenzene-d4	152	10.419	10.412	0.007	93	183980	50.0	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00200 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66995.D

Injection Date: 08-Oct-2019 12:29:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

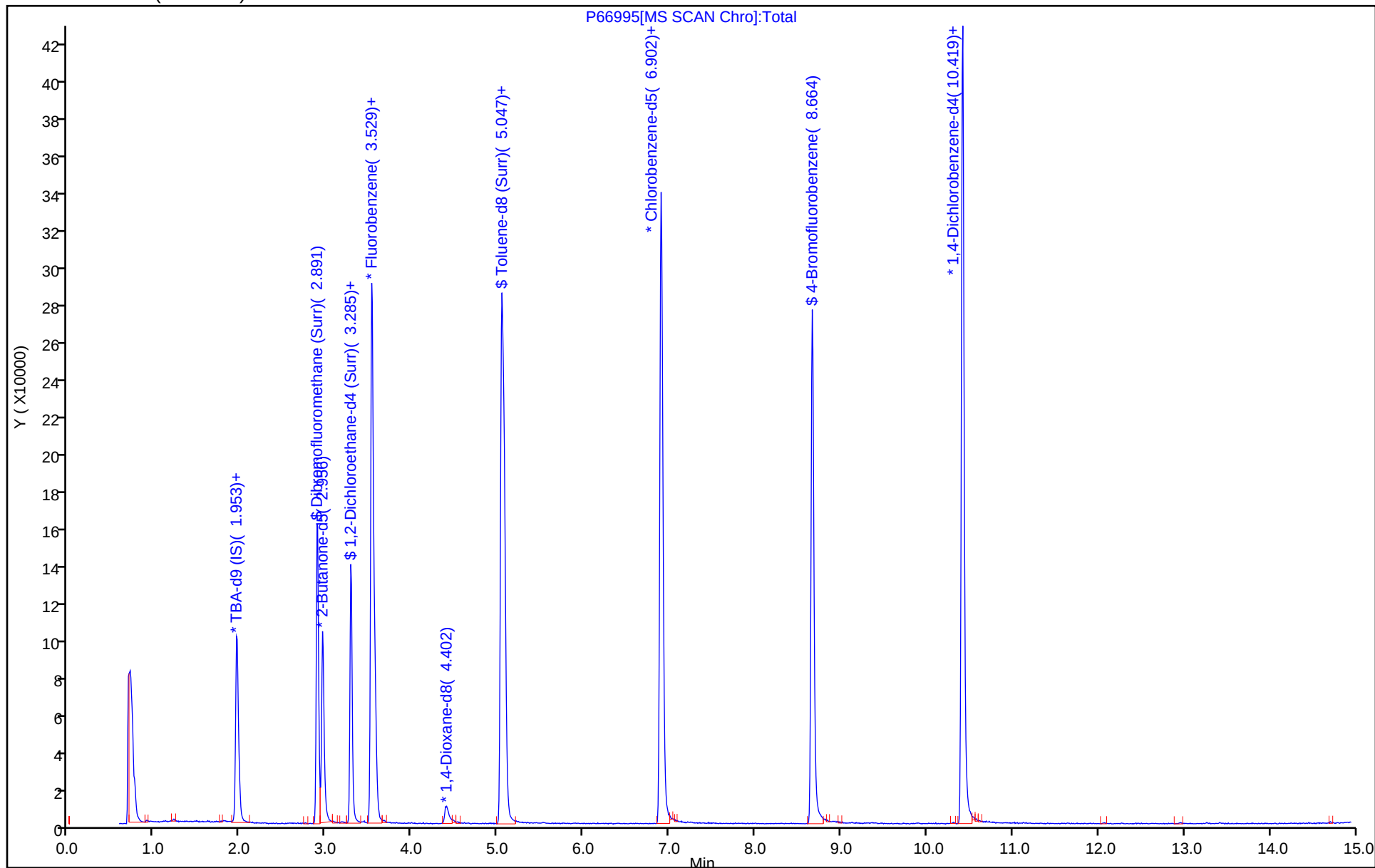
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66995.D

Injection Date: 08-Oct-2019 12:29:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

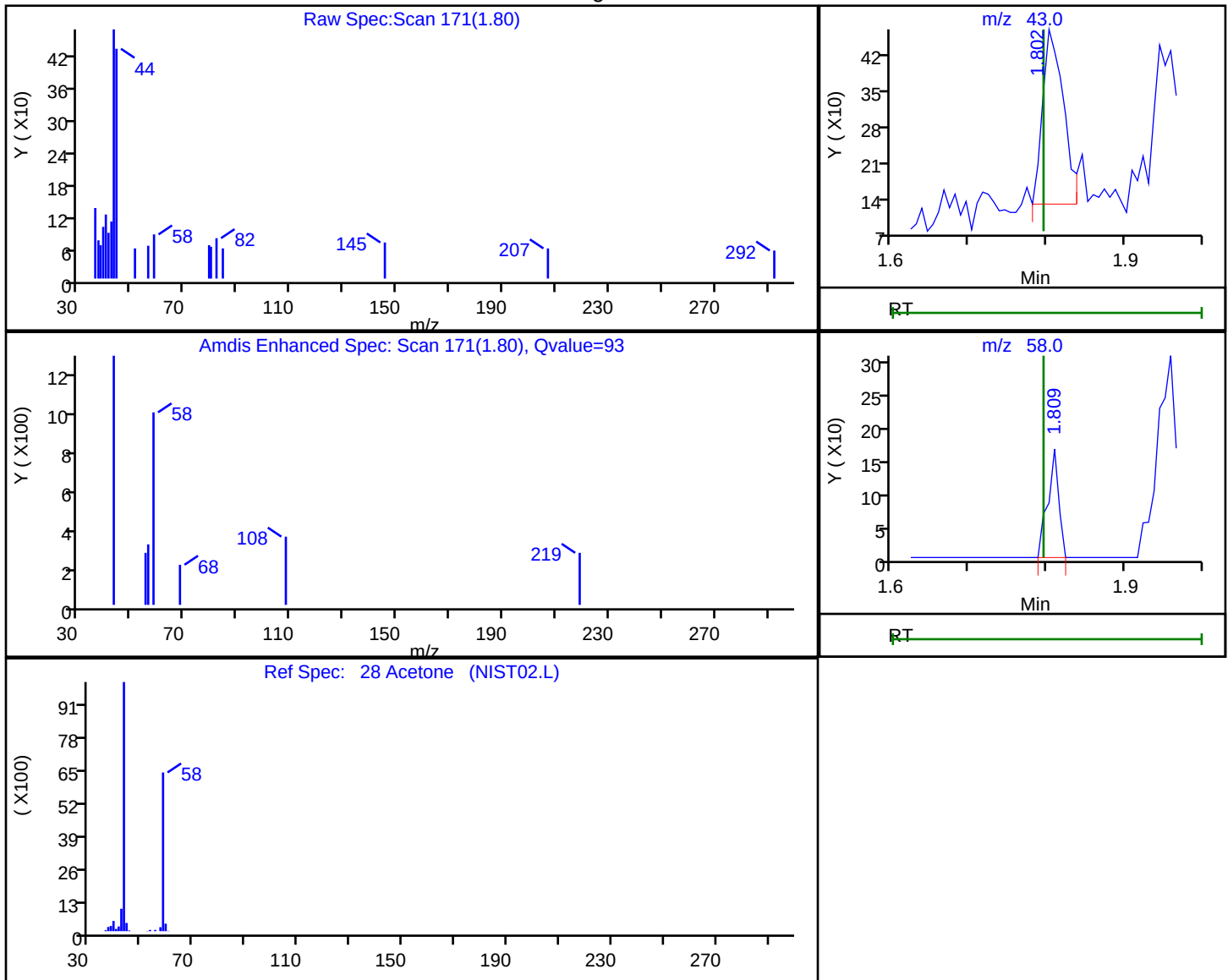
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

28 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.80	43.00	629	1.706625
1.81	58.00	162	

Reviewer: desais, 08-Oct-2019 11:54:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66995.D

Injection Date: 08-Oct-2019 12:29:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

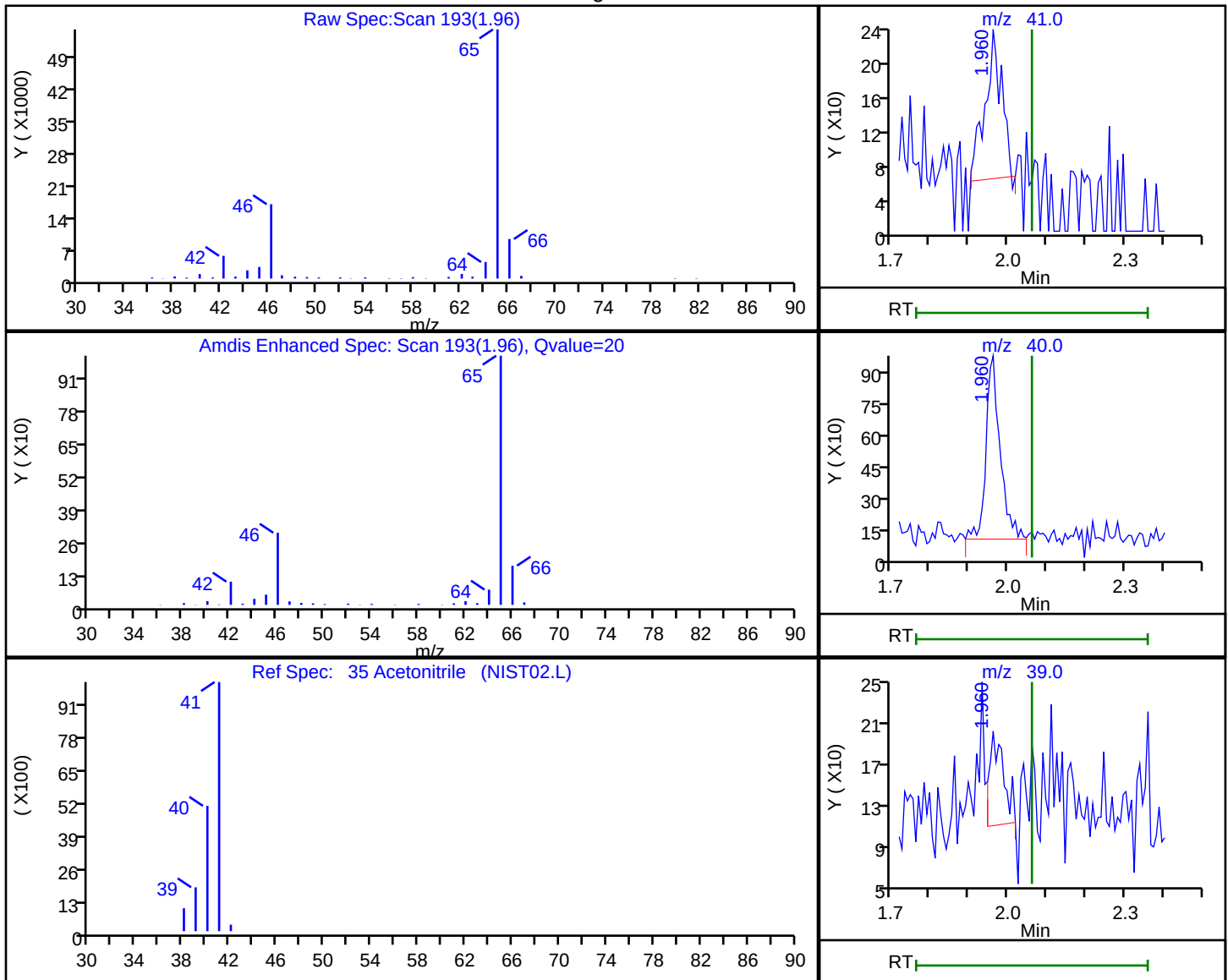
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

35 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.96	41.00	519	4.232249
1.96	40.00	2247	
1.96	39.00	231	
1.96	38.00	948	

Reviewer: desais, 08-Oct-2019 11:54:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66995.D

Injection Date: 08-Oct-2019 12:29:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

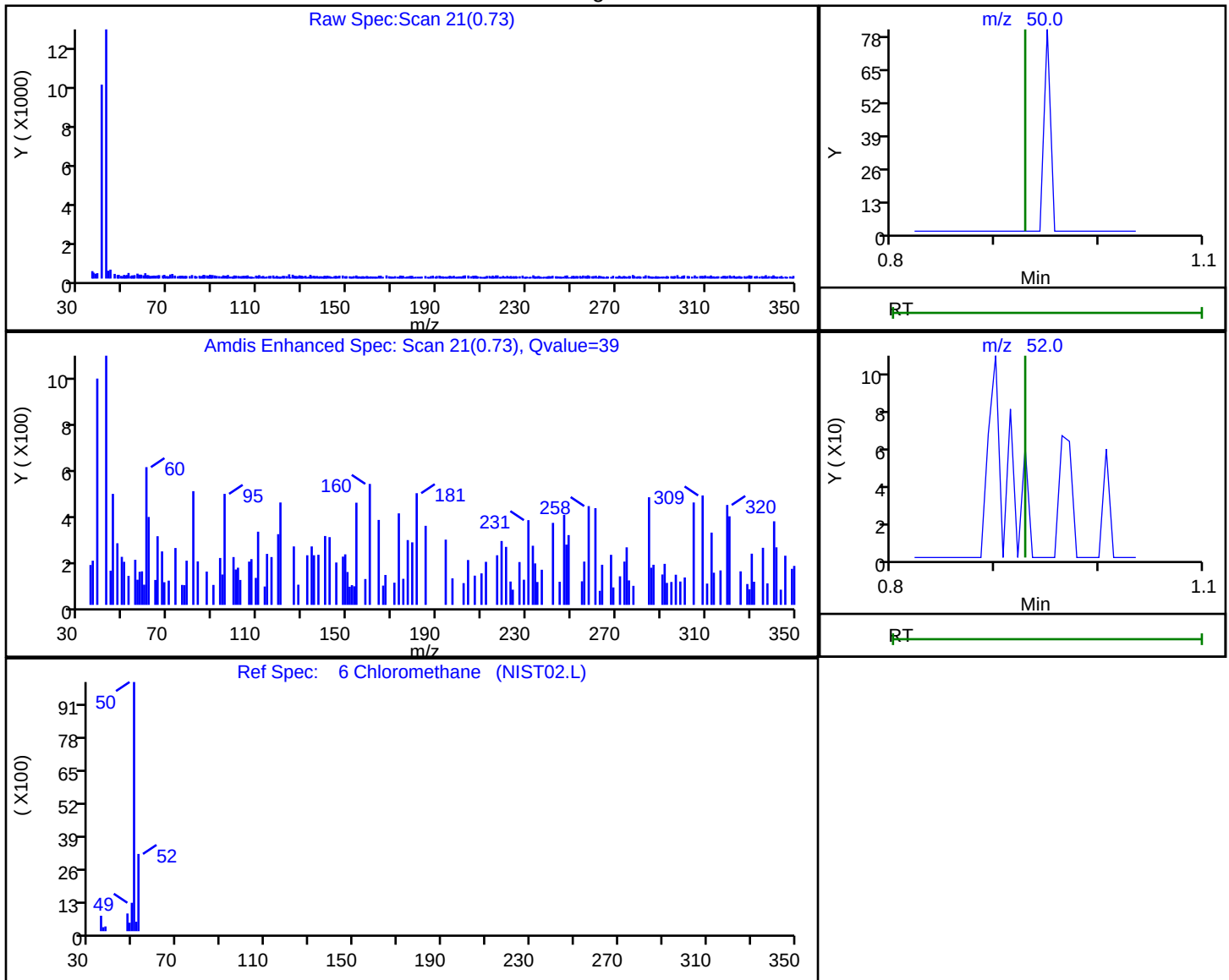
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.73	50.00	284	0.174531
0.71	52.00	492	

Reviewer: desais, 08-Oct-2019 11:54:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66995.D

Injection Date: 08-Oct-2019 12:29:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

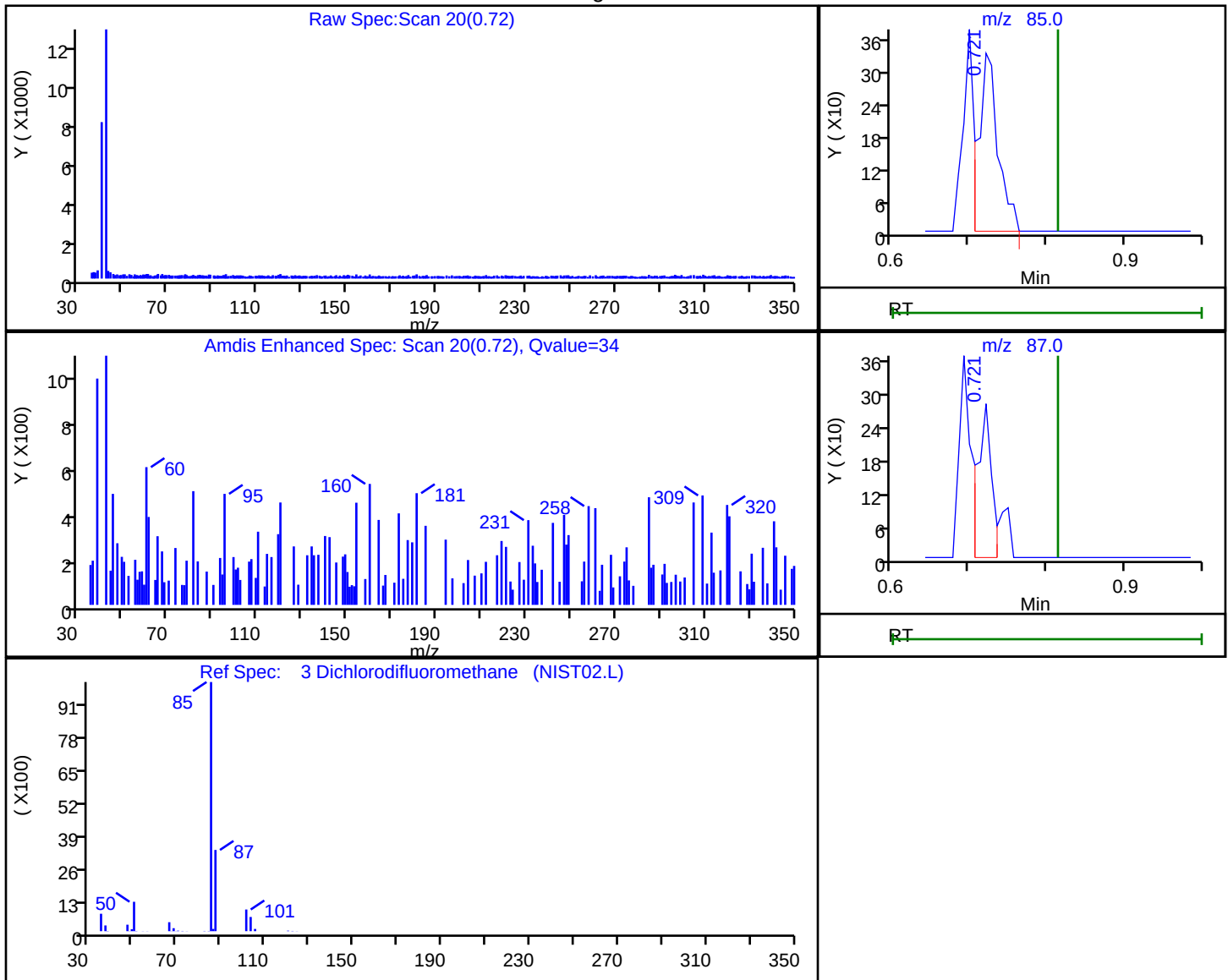
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.72	85.00	580	0.222841
0.72	87.00	354	

Reviewer: desais, 08-Oct-2019 11:54:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66995.D

Injection Date: 08-Oct-2019 12:29:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

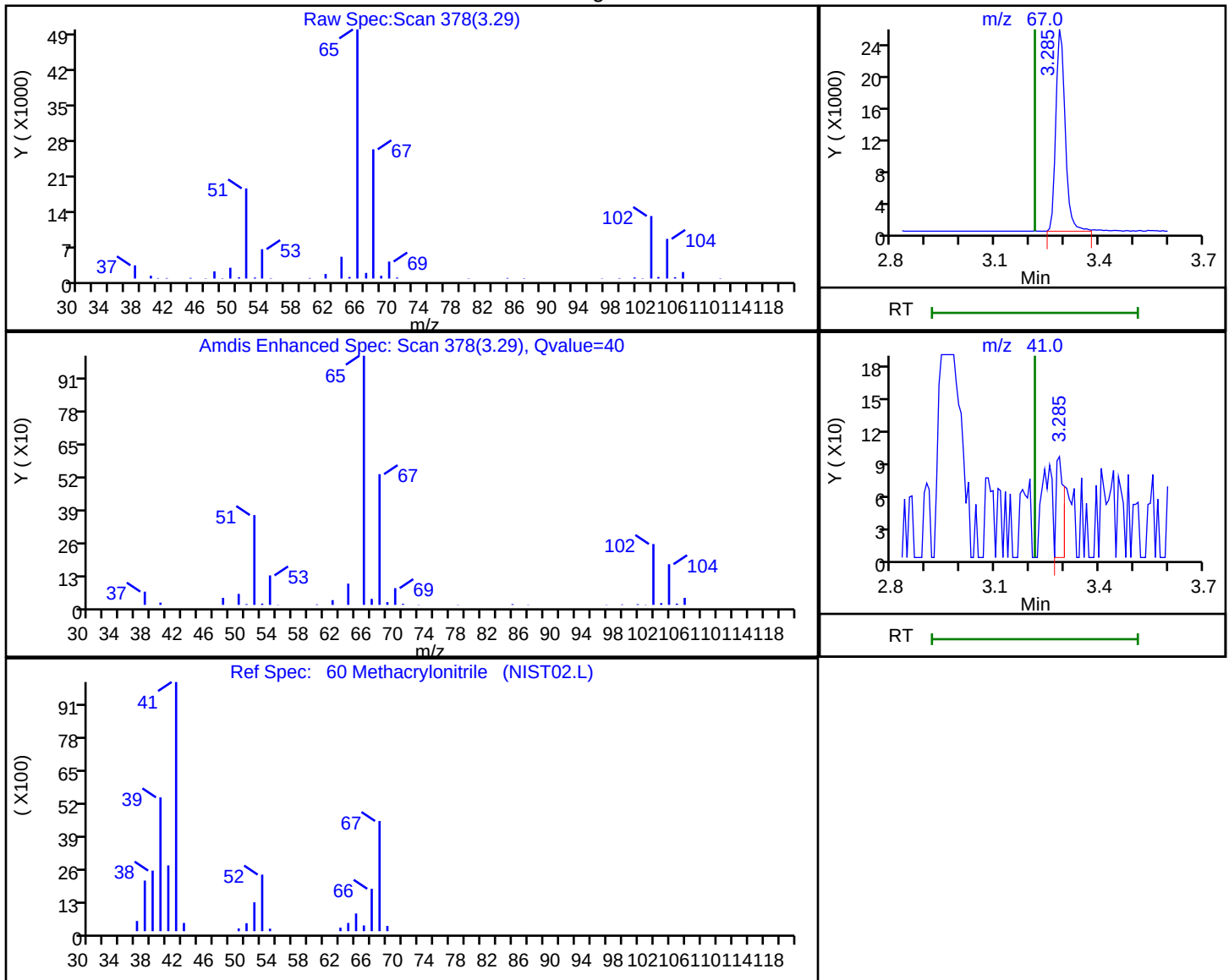
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

60 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.29	67.00	48336	75.782273
3.29	41.00	138	

Reviewer: desais, 08-Oct-2019 11:54:40

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.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-645557/7
 Matrix: Water Lab File ID: P67023.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2019 02:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-645557/7
 Matrix: Water Lab File ID: P67023.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2019 02:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		74-132
460-00-4	4-Bromofluorobenzene	94		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67023.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 09-Oct-2019 02:26:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0098968-007
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Oct-2019 19:32:41 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0328

First Level Reviewer: parekhv

Date: 09-Oct-2019 01:50:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
28 Acetone	43	1.802	1.802	0.000	78	780		2.20	
* 33 TBA-d9 (IS)	65	1.960	1.960	0.000	0	126848	1000.0	1000.0	
\$ 51 Dibromofluoromethane (Surr	113	2.898	2.898	0.000	96	99086	50.0	48.6	
* 53 2-Butanone-d5	46	2.955	2.956	-0.001	0	116913	250.0	250.0	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.285	0.000	0	89459	50.0	44.5	
* 66 Fluorobenzene	96	3.529	3.536	-0.007	99	400168	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.402	4.395	0.007	0	14879	1000.0	1000.0	
\$ 82 Toluene-d8 (Surr)	98	5.047	5.054	-0.007	99	393756	50.0	50.9	
* 96 Chlorobenzene-d5	117	6.902	6.902	0.000	83	327867	50.0	50.0	
\$ 107 4-Bromofluorobenzene	174	8.664	8.665	-0.001	98	132331	50.0	47.1	
* 123 1,4-Dichlorobenzene-d4	152	10.419	10.419	0.000	93	184811	50.0	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00200 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67023.D

Injection Date: 09-Oct-2019 02:26:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

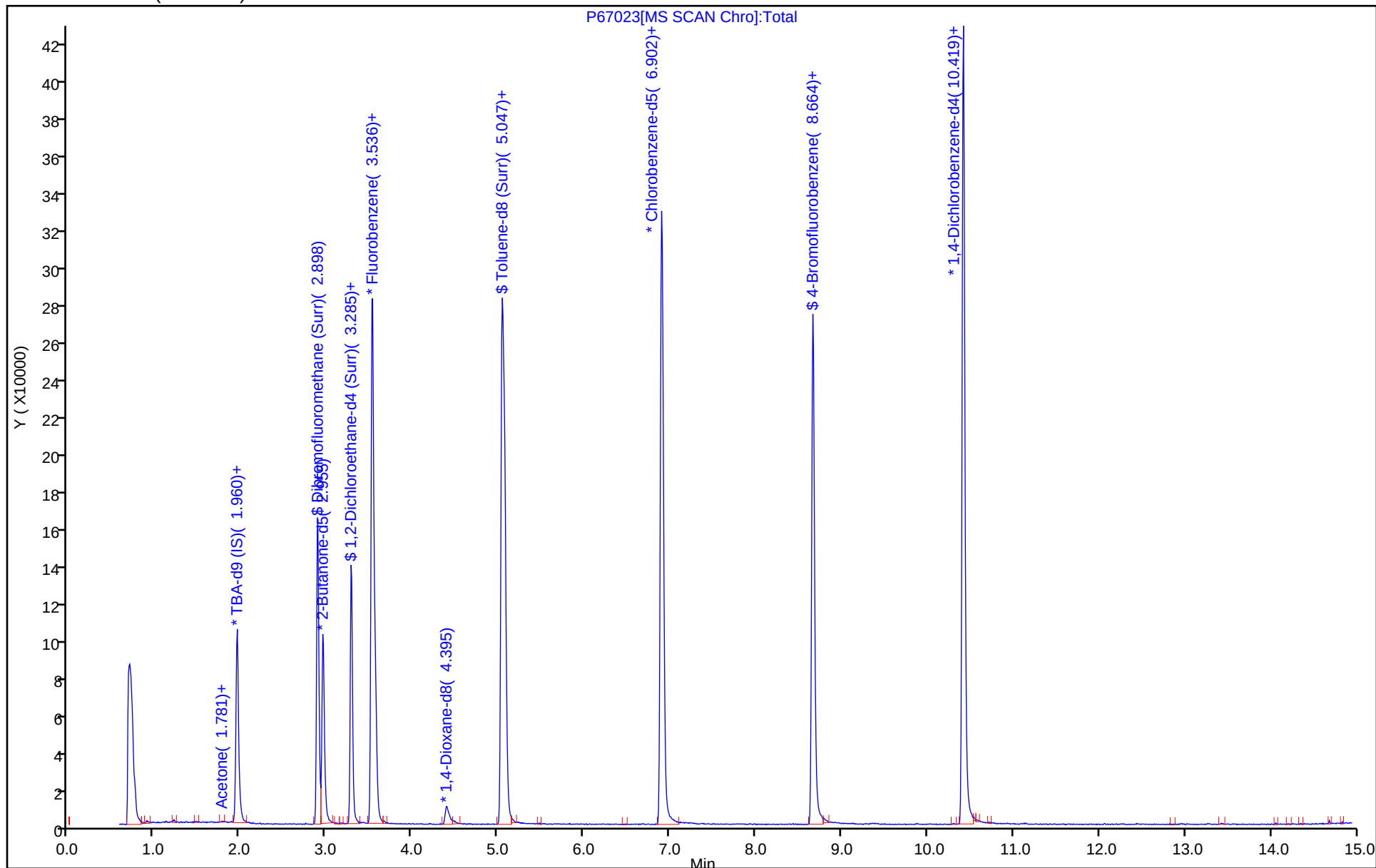
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67023.D

Injection Date: 09-Oct-2019 02:26:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

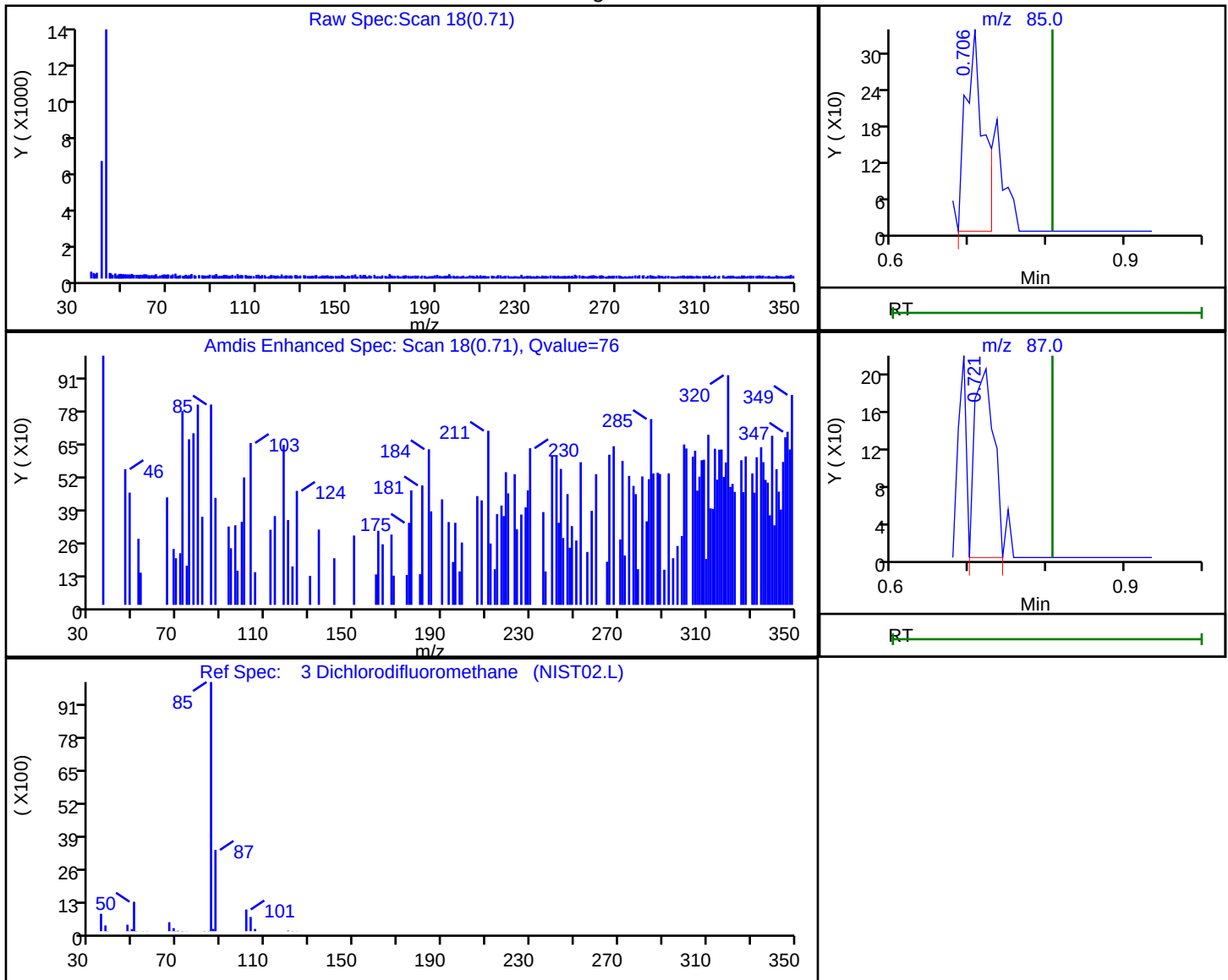
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.71	85.00	521	0.207619
0.72	87.00	347	

Reviewer: parekhv, 09-Oct-2019 01:49:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67023.D

Injection Date: 09-Oct-2019 02:26:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

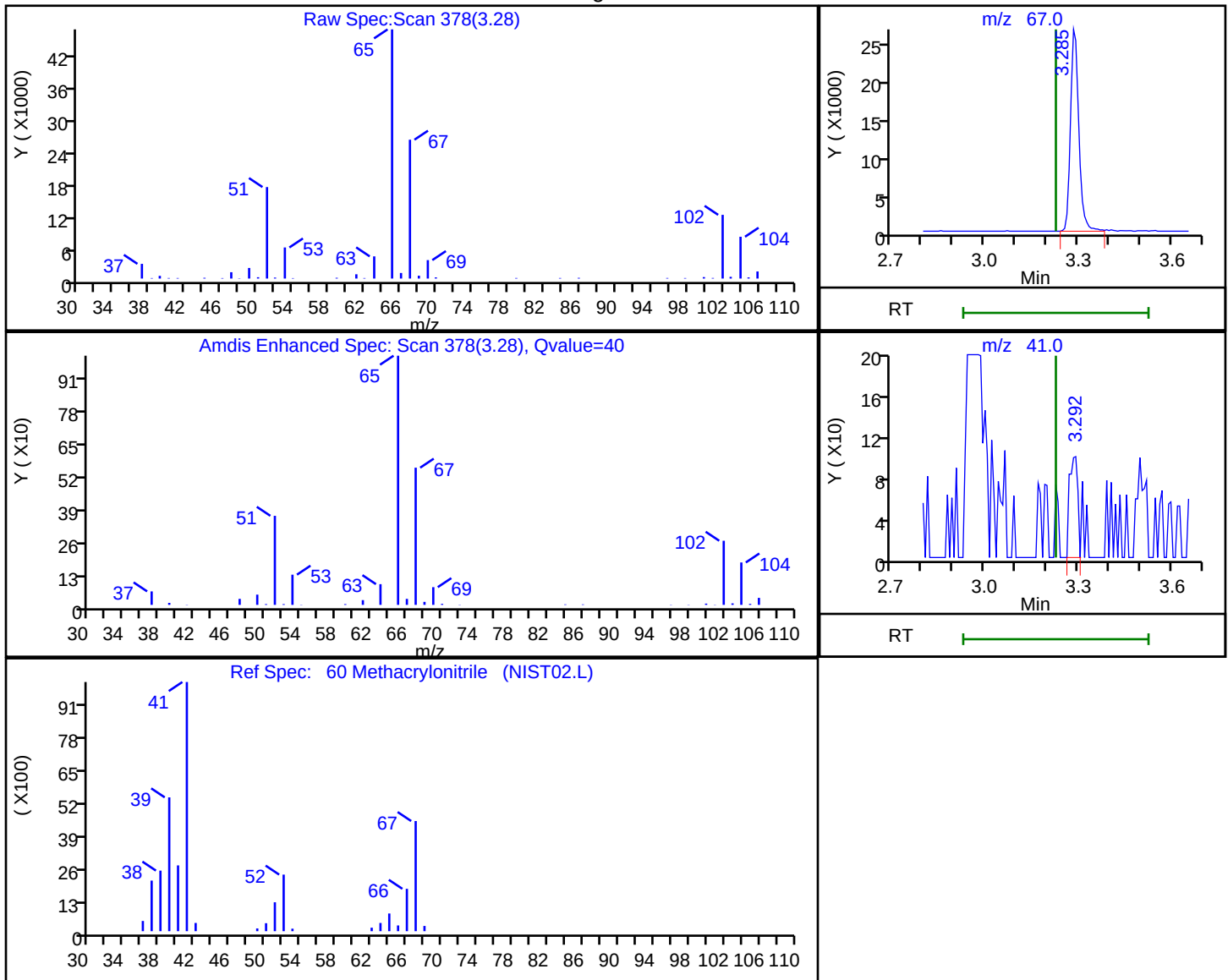
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Methacrylonitrile, CAS: 126-98-7

Processing Results



Reviewer: parekhv, 09-Oct-2019 01:49:40

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.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-645726/8
 Matrix: Water Lab File ID: P67044.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2019 15:49
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645726 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-645726/8
 Matrix: Water Lab File ID: P67044.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2019 15:49
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645726 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67044.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 09-Oct-2019 15:49:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0099009-008
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Oct-2019 15:47:56 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0329

First Level Reviewer: martineze

Date: 09-Oct-2019 15:47:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.946	1.960	-0.014	0	122205	1000.0	1000.0	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.898	-0.007	96	117376	50.0	50.8	
* 53 2-Butanone-d5	46	2.956	2.963	-0.007	0	138410	250.0	250.0	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.278	3.292	-0.014	0	104849	50.0	46.1	
* 66 Fluorobenzene	96	3.522	3.536	-0.014	100	453197	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	14476	1000.0	1000.0	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.061	-0.021	99	387057	50.0	50.5	
* 96 Chlorobenzene-d5	117	6.902	6.909	-0.007	83	324683	50.0	50.0	
\$ 107 4-Bromofluorobenzene	174	8.665	8.664	0.001	98	131852	50.0	47.4	
* 123 1,4-Dichlorobenzene-d4	152	10.420	10.419	0.001	93	182152	50.0	50.0	

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67044.D

Injection Date: 09-Oct-2019 15:49:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

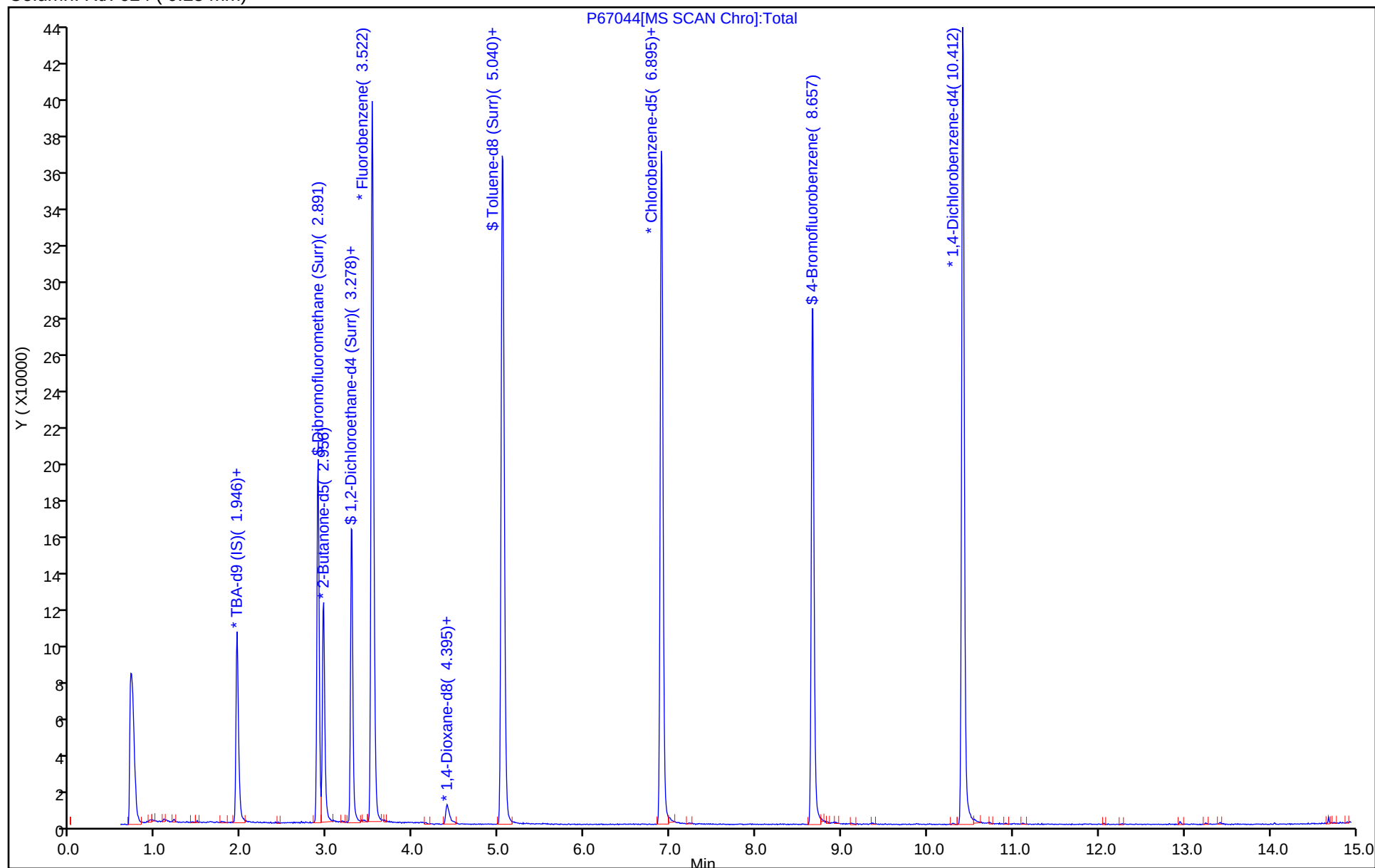
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67044.D

Injection Date: 09-Oct-2019 15:49:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

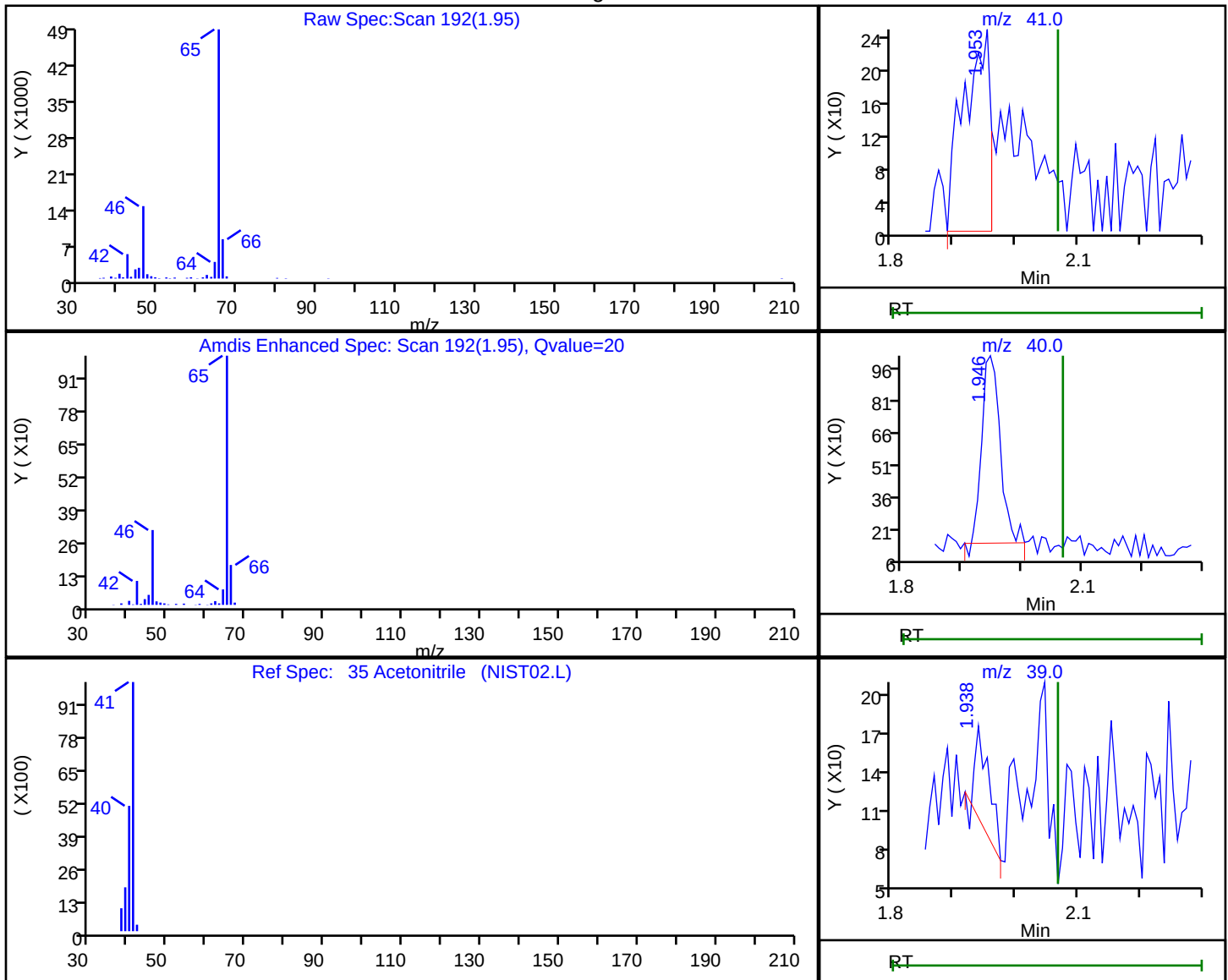
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

35 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.95	41.00	729	6.520390
1.95	40.00	1860	
1.94	39.00	102	
1.95	38.00	1310	

Reviewer: martineze, 09-Oct-2019 15:47:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67044.D

Injection Date: 09-Oct-2019 15:49:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

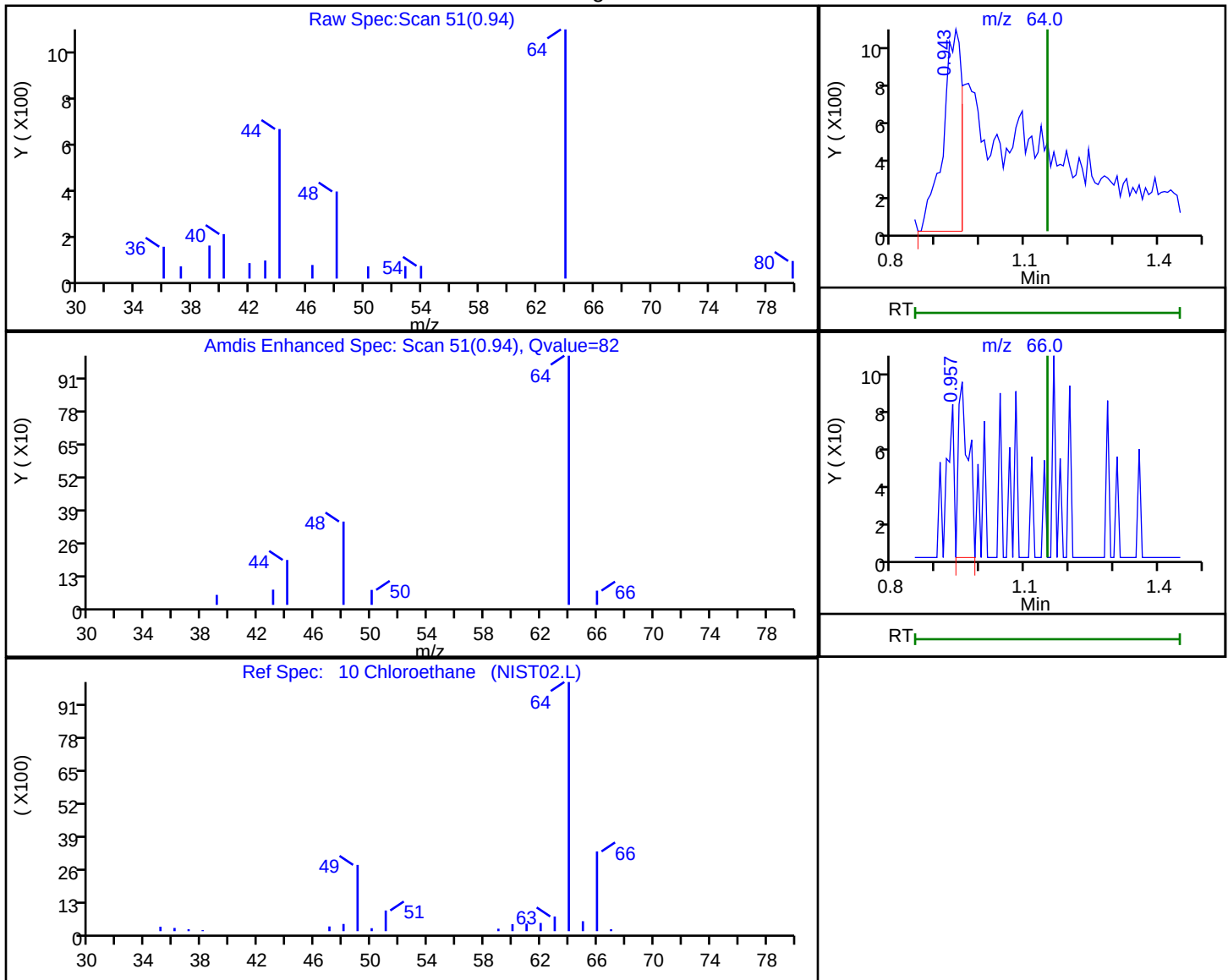
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.94	64.00	3091	1.643999
0.96	66.00	149	

Reviewer: martineze, 09-Oct-2019 15:47:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67044.D

Injection Date: 09-Oct-2019 15:49:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

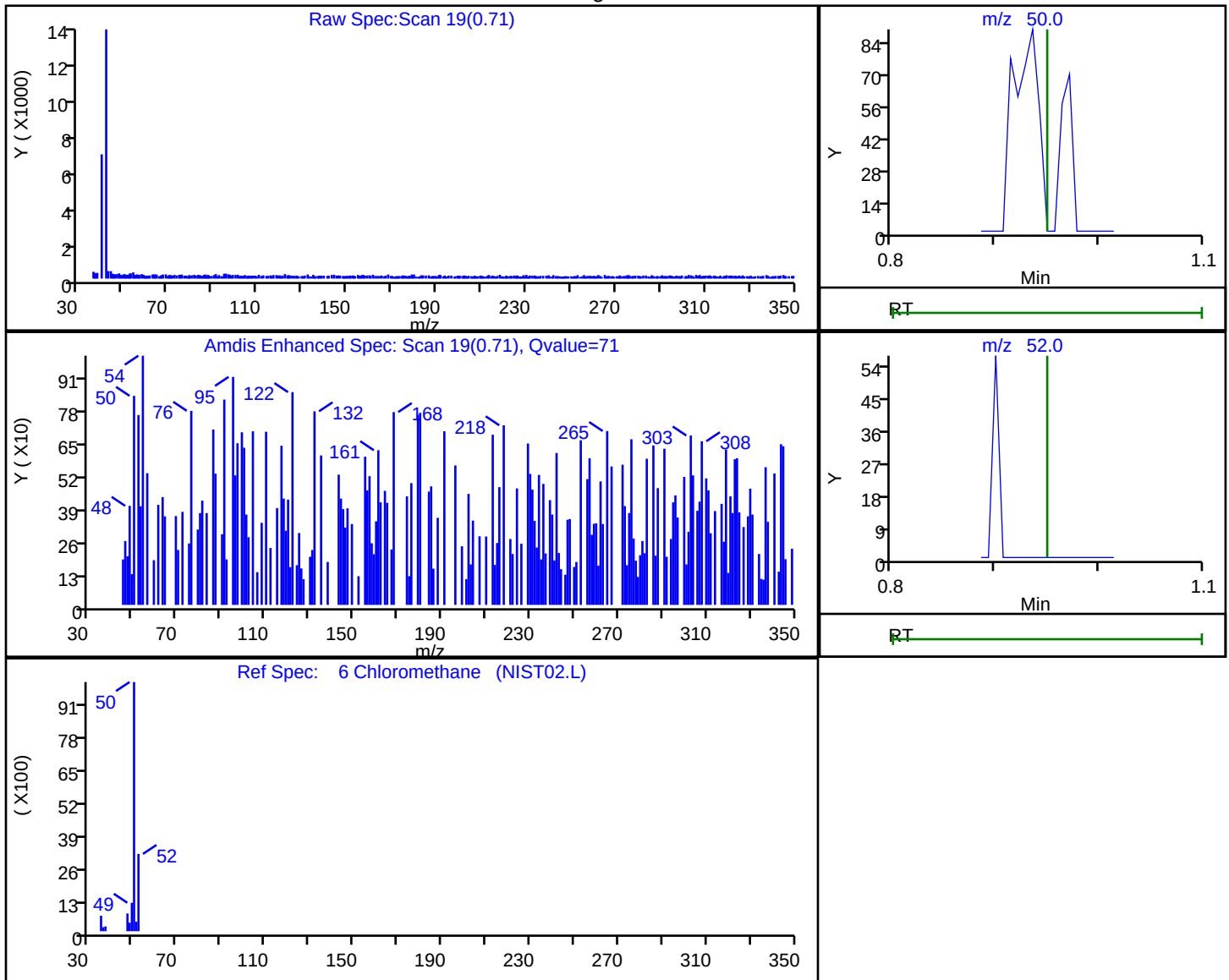
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.71	50.00	349	0.196425
0.71	52.00	764	

Reviewer: martineze, 09-Oct-2019 15:47:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67044.D

Injection Date: 09-Oct-2019 15:49:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

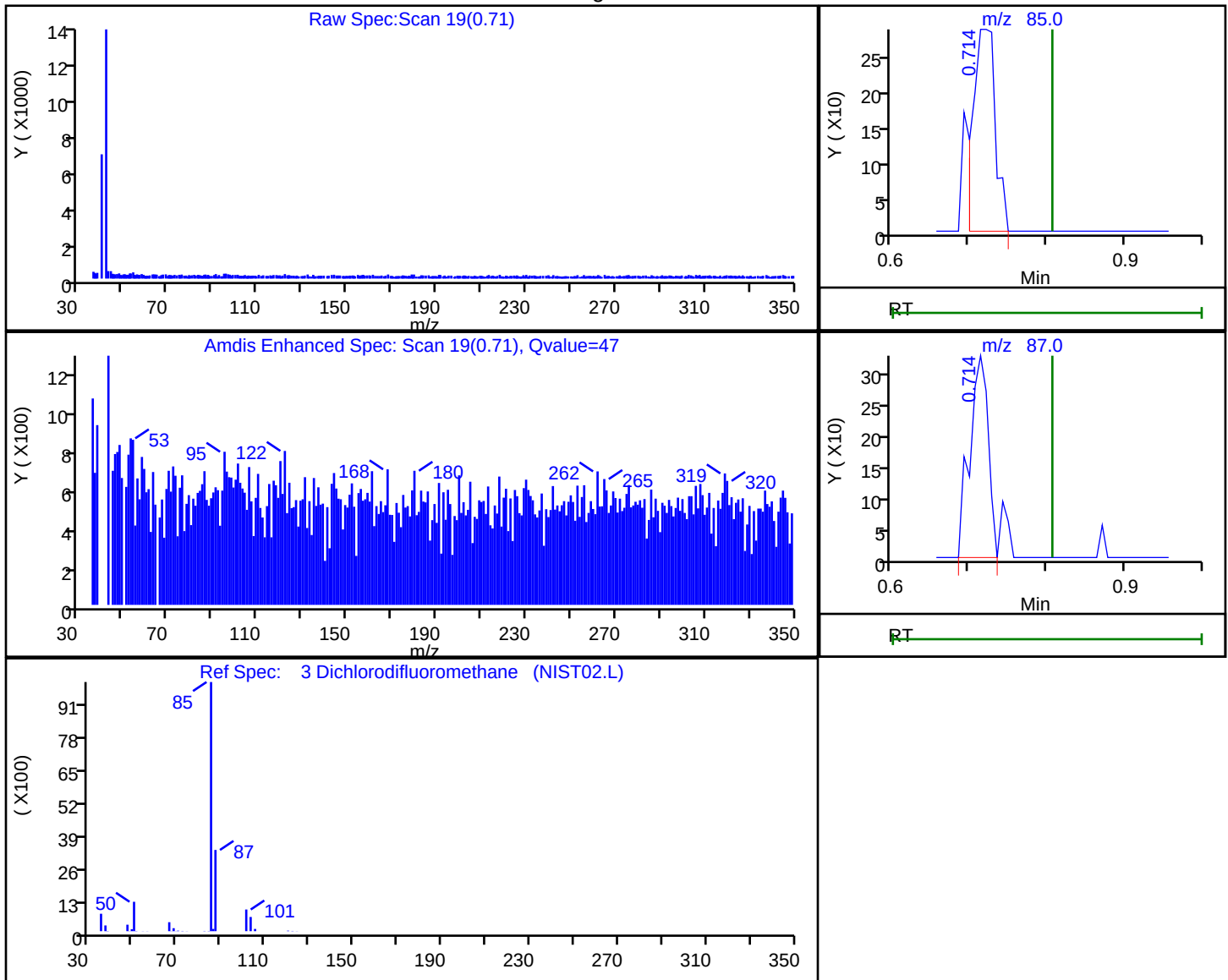
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.71	85.00	574	0.201975
0.71	87.00	540	

Reviewer: martineze, 09-Oct-2019 15:47:09

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.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-645366/4
 Matrix: Water Lab File ID: P66991.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2019 10:35
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645366 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	104		50	4.4
75-05-8	Acetonitrile	221		10	5.0
71-43-2	Benzene	21.1		1.0	0.20
100-44-7	Benzyl chloride	10.4		10	0.34
75-27-4	Bromodichloromethane	18.8	J	50	0.34
75-25-2	Bromoform	17.5		5.0	0.54
74-83-9	Bromomethane	25.6		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	1.3
75-15-0	Carbon disulfide	18.5	J	60	0.82
56-23-5	Carbon tetrachloride	19.3		5.0	0.21
108-90-7	Chlorobenzene	21.1		5.0	0.38
75-00-3	Chloroethane	26.3		5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	19.6	J	20	0.43
67-66-3	Chloroform	21.2		7.0	0.33
74-87-3	Chloromethane	40.4		5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	18.4		1.0	0.22
124-48-1	Dibromochloromethane	17.9	J	50	0.28
74-95-3	Dibromomethane	21.0		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	15.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.0		3.0	0.43
541-73-1	1,3-Dichlorobenzene	20.8		3.0	0.34
106-46-7	1,4-Dichlorobenzene	20.3		3.0	0.33
75-71-8	Dichlorodifluoromethane	24.6		5.0	0.31
75-34-3	1,1-Dichloroethane	20.8		5.0	0.26
107-06-2	1,2-Dichloroethane	18.7		1.0	0.43
75-35-4	1,1-Dichloroethene	20.8		5.0	0.26
540-59-0	1,2-Dichloroethene, Total	43.8		2.0	0.44
78-87-5	1,2-Dichloropropane	20.9		1.0	0.35
100-41-4	Ethylbenzene	20.4		5.0	0.30
78-93-3	2-Butanone (MEK)	108		50	1.9
75-09-2	Methylene Chloride	21.1		5.0	0.32
80-62-6	Methyl methacrylate	40.4	J	50	0.97
179601-23-1	m&p-Xylene	20.4		10	0.30
95-47-6	o-Xylene	21.3		5.0	0.36
100-42-5	Styrene	20.2		5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	18.8		5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-645366/4
 Matrix: Water Lab File ID: P66991.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2019 10:35
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645366 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	20.2		5.0	0.37
127-18-4	Tetrachloroethene	21.3		5.0	0.25
156-60-5	trans-1,2-Dichloroethene	21.8		5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.49
71-55-6	1,1,1-Trichloroethane	19.9		5.0	0.24
79-00-5	1,1,2-Trichloroethane	21.5		1.0	0.43
79-01-6	Trichloroethene	20.9		5.0	0.31
96-18-4	1,2,3-Trichloropropane	20.3		1.0	0.66
108-88-3	Toluene	20.8		5.0	0.38
108-05-4	Vinyl acetate	37.6		5.0	0.83
75-01-4	Vinyl chloride	24.9		2.0	0.17
1330-20-7	Xylenes, Total	41.7		15	0.65
591-78-6	2-Hexanone	103		50	1.1
156-59-2	cis-1,2-Dichloroethene	22.1		5.0	0.22
106-93-4	1,2-Dibromoethane	21.8		5.0	0.50
97-63-2	Ethyl methacrylate	19.0		5.0	0.26
74-88-4	Iodomethane	13.3		5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	15.8		5.0	0.34
126-98-7	Methacrylonitrile	208		5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		74-132
460-00-4	4-Bromofluorobenzene	98		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66991.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 08-Oct-2019 10:35:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0098932-004
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2019 11:56:05 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0326

First Level Reviewer: desais

Date: 08-Oct-2019 10:34:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.764	0.764	0.000	95	4658	20.0	38.1	
2 Chlorotrifluoroethene	116	0.785	0.792	-0.007	85	18547	20.0	23.3	
3 Dichlorodifluoromethane	85	0.814	0.814	0.000	99	64628	20.0	24.6	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	97	22799	20.0	25.4	
5 Chlorodifluoromethane	67	0.842	0.842	0.000	97	8507	20.0	20.9	a
6 Chloromethane	50	0.935	0.928	0.007	98	66308	20.0	40.4	
8 Butadiene	54	0.935	0.936	-0.001	95	45738	20.0	27.3	
7 Vinyl chloride	62	0.943	0.943	0.000	98	54123	20.0	24.9	
9 Bromomethane	94	1.093	1.100	-0.007	99	46819	20.0	25.6	
10 Chloroethane	64	1.150	1.150	0.000	100	45695	20.0	26.3	
11 Pentane	72	1.208	1.208	0.000	97	15584	40.0	48.3	
12 Trichlorofluoromethane	101	1.208	1.208	0.000	97	88598	20.0	24.3	
13 Dichlorofluoromethane	67	1.236	1.236	0.000	99	83366	20.0	22.1	
14 2-Methyl-1,3-butadiene	67	1.358	1.358	0.000	97	59180	20.0	22.2	
15 Ethyl ether	59	1.358	1.358	0.000	94	35272	20.0	21.0	
16 Ethanol	46	1.444	1.444	0.000	99	6883	800.0	962.4	
18 1,2-Dichloro-1,1,2-trifluo	67	1.466	1.458	0.008	77	63730	20.0	21.3	
17 1,1-Dichloroethene	96	1.458	1.466	-0.008	95	46053	20.0	20.8	
19 Carbon disulfide	76	1.480	1.480	0.000	100	132430	20.0	18.5	
20 1,1,2-Trichloro-1,2,2-trif	101	1.480	1.480	0.000	83	45645	20.0	22.3	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.494	1.494	0.000	94	73283	20.0	22.5	a
22 Iodomethane	142	1.537	1.537	0.000	98	59186	20.0	13.3	
23 Cyclopentene	67	1.609	1.616	-0.007	96	106551	20.0	22.7	
24 Acrolein	56	1.630	1.638	-0.008	93	8062	40.0	68.7	
25 3-Chloro-1-propene	76	1.709	1.709	0.000	88	26438	20.0	20.0	
26 Isopropyl alcohol	45	1.738	1.738	0.000	96	17989	200.0	190.0	
27 Methylene Chloride	84	1.766	1.774	-0.008	86	52586	20.0	21.1	
28 Acetone	43	1.795	1.795	0.000	88	39613	100.0	104.5	
29 trans-1,2-Dichloroethene	96	1.859	1.860	-0.001	92	53139	20.0	21.8	
30 Methyl acetate	43	1.867	1.867	0.000	98	41422	40.0	48.2	
31 Hexane	86	1.902	1.903	-0.001	76	8548	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
32 Methyl tert-butyl ether	73	1.924	1.924	0.000	98	124347	20.0	19.6	
* 33 TBA-d9 (IS)	65	1.945	1.946	-0.001	0	139313	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.988	1.996	-0.008	98	27942	200.0	201.1	
35 Acetonitrile	41	2.060	2.060	0.000	99	28205	200.0	221.3	
36 Isopropyl ether	45	2.153	2.153	0.000	94	108894	20.0	20.4	
37 2-Chloro-1,3-butadiene	88	2.203	2.203	0.000	89	39683	20.0	22.1	
38 1,1-Dichloroethane	63	2.218	2.218	0.000	99	68518	20.0	20.8	
39 Acrylonitrile	53	2.246	2.246	0.000	94	110584	200.0	218.2	
40 Tert-butyl ethyl ether	59	2.382	2.383	-0.001	90	110409	20.0	19.6	
41 Vinyl acetate	43	2.382	2.383	-0.001	99	130637	40.0	37.6	
42 cis-1,2-Dichloroethene	96	2.569	2.569	0.000	94	48995	20.0	22.1	
43 2,2-Dichloropropane	77	2.633	2.633	0.000	95	52727	20.0	19.4	
44 Cyclohexane	56	2.698	2.698	0.000	84	49923	20.0	22.8	
45 Chlorobromomethane	128	2.698	2.698	0.000	81	26667	20.0	21.1	
46 Chloroform	83	2.762	2.762	0.000	100	73927	20.0	21.2	
47 Carbon tetrachloride	117	2.848	2.848	0.000	98	54350	20.0	19.3	
48 Ethyl acetate	70	2.855	2.862	-0.007	98	7162	40.0	44.5	
49 Methyl acrylate	55	2.862	2.862	0.000	84	25329	20.0	19.0	
50 Tetrahydrofuran	42	2.869	2.870	-0.001	93	20478	40.0	39.3	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.891	0.000	97	107106	50.0	50.1	
52 1,1,1-Trichloroethane	97	2.891	2.891	0.000	96	63475	20.0	19.9	
* 53 2-Butanone-d5	46	2.948	2.948	0.000	0	124736	250.0	250.0	
54 2-Butanone (MEK)	72	2.984	2.984	0.000	99	19425	100.0	108.2	
55 1,1-Dichloropropene	75	2.991	2.991	0.000	97	55572	20.0	20.7	
56 Isooctane	57	3.077	3.077	0.000	98	58194	20.0	22.6	
57 n-Heptane	57	3.170	3.170	0.000	37	14668	20.0	26.8	a
58 Benzene	78	3.177	3.178	-0.001	95	169490	20.0	21.1	
59 Propionitrile	54	3.199	3.199	0.000	99	37935	200.0	229.3	
60 Methacrylonitrile	67	3.213	3.213	0.000	89	133617	200.0	207.6	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.278	3.278	0.000	0	99917	50.0	47.5	
62 Tert-amyl methyl ether	73	3.292	3.285	0.007	99	103789	20.0	19.3	
63 1,2-Dichloroethane	62	3.335	3.335	0.000	97	48862	20.0	18.7	
64 Isobutyl alcohol	43	3.414	3.414	0.000	97	20620	500.0	443.3	
65 t-Amyl alcohol	59	3.485	3.486	-0.001	89	15582	200.0	165.9	
* 66 Fluorobenzene	96	3.521	3.521	0.000	100	418838	50.0	50.0	
67 Isopropyl acetate	43	3.586	3.586	0.000	98	51040	20.0	17.7	
68 Methylcyclohexane	83	3.650	3.643	0.007	92	45943	20.0	22.4	
69 Trichloroethene	130	3.665	3.665	0.000	95	52048	20.0	20.9	
70 2-ethoxy-2-methyl butane	59	3.908	3.908	0.000	98	85700	20.0	19.5	
71 Dibromomethane	93	4.030	4.030	0.000	91	26003	20.0	21.0	
72 n-Butanol	56	4.044	4.052	-0.008	88	12465	500.0	442.9	
73 1,2-Dichloropropane	63	4.116	4.116	0.000	91	38771	20.0	20.9	
75 Dichlorobromomethane	83	4.202	4.202	0.000	98	49514	20.0	18.8	
74 Ethyl acrylate	55	4.202	4.202	0.000	65	34692	20.0	17.6	
* 76 1,4-Dioxane-d8	96	4.388	4.395	-0.007	0	16220	1000.0	1000.0	
77 Methyl methacrylate	100	4.395	4.395	0.000	81	21038	40.0	40.4	
78 1,4-Dioxane	88	4.410	4.410	0.000	58	7862	400.0	415.5	
79 n-Propyl acetate	43	4.553	4.553	0.000	96	34178	20.0	18.1	
80 2-Chloroethyl vinyl ether	63	4.811	4.811	0.000	93	20880	20.0	19.6	
81 cis-1,3-Dichloropropene	75	4.839	4.839	0.000	91	57137	20.0	18.4	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.040	0.000	99	417385	50.0	50.6	
83 Toluene	91	5.097	5.090	0.007	93	195243	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Epichlorohydrin	57	5.119	5.119	0.000	99	48411	400.0	430.9	
85 2-Nitropropane	41	5.341	5.348	-0.007	100	9349	40.0	21.3	
86 Tetrachloroethene	166	5.520	5.520	0.000	97	52417	20.0	21.3	
87 4-Methyl-2-pentanone (MIBK)	43	5.563	5.556	0.007	94	124431	100.0	104.3	
88 trans-1,3-Dichloropropene	75	5.591	5.592	-0.001	92	49876	20.0	18.1	
89 1,1,2-Trichloroethane	83	5.763	5.763	0.000	95	29702	20.0	21.5	
90 Ethyl methacrylate	69	5.849	5.849	0.000	86	42101	20.0	19.0	
91 Chlorodibromomethane	129	5.957	5.964	-0.007	98	39951	20.0	17.9	
92 1,3-Dichloropropane	76	6.071	6.071	0.000	91	59318	20.0	21.5	
93 Ethylene Dibromide	107	6.207	6.208	-0.001	98	38887	20.0	21.8	
94 n-Butyl acetate	43	6.558	6.559	-0.001	97	36063	20.0	16.3	
95 2-Hexanone	43	6.616	6.616	0.000	93	84386	100.0	103.4	
* 96 Chlorobenzene-d5	117	6.895	6.895	0.000	83	349825	50.0	50.0	
97 Chlorobenzene	112	6.917	6.917	0.000	98	135392	20.0	21.1	
98 Ethylbenzene	106	7.003	7.003	0.000	97	69424	20.0	20.4	
99 1,1,1,2-Tetrachloroethane	131	7.024	7.024	0.000	93	43849	20.0	18.8	
100 m-Xylene & p-Xylene	106	7.217	7.218	-0.001	0	84625	20.0	20.4	
101 o-Xylene	106	7.805	7.805	0.000	96	84130	20.0	21.3	
102 Bromoform	173	7.862	7.862	0.000	95	22691	20.0	17.5	
103 Styrene	104	7.891	7.891	0.000	98	132134	20.0	20.2	
104 n-Butyl acrylate	73	8.220	8.220	0.000	98	23200	20.0	18.0	
105 Isopropylbenzene	105	8.285	8.285	0.000	94	196766	20.0	21.2	
106 Amyl acetate (mixed isomer)	43	8.636	8.636	0.000	92	46098	20.0	16.6	
\$ 107 4-Bromofluorobenzene	174	8.657	8.657	0.000	97	147387	50.0	49.1	
108 Bromobenzene	156	8.765	8.765	0.000	86	62351	20.0	20.9	
109 N-Propylbenzene	91	8.915	8.922	-0.007	100	214673	20.0	22.0	
110 1,1,2,2-Tetrachloroethane	83	9.065	9.066	-0.001	96	41593	20.0	20.2	
111 2-Chlorotoluene	91	9.087	9.087	0.000	97	157666	20.0	20.9	
112 4-Ethyltoluene	105	9.108	9.109	-0.001	98	192342	20.0	21.3	
113 1,2,3-Trichloropropane	110	9.194	9.195	-0.001	96	13932	20.0	20.3	
114 1,3,5-Trimethylbenzene	105	9.259	9.266	-0.007	94	158844	20.0	21.0	
115 trans-1,4-Dichloro-2-buten	53	9.323	9.331	-0.008	82	8101	20.0	15.8	
116 4-Chlorotoluene	91	9.359	9.359	0.000	96	144968	20.0	21.4	
117 tert-Butylbenzene	119	9.732	9.732	0.000	96	130144	20.0	21.3	
118 1,2,4-Trimethylbenzene	105	9.861	9.861	0.000	96	168192	20.0	20.7	
119 Butyl Methacrylate	87	9.868	9.868	0.000	89	50742	20.0	18.3	
120 sec-Butylbenzene	105	10.018	10.018	0.000	99	173366	20.0	22.1	
121 1,3-Dichlorobenzene	146	10.283	10.276	0.007	98	106926	20.0	20.8	
122 4-Isopropyltoluene	119	10.298	10.298	0.000	98	156170	20.0	21.0	
* 123 1,4-Dichlorobenzene-d4	152	10.412	10.412	0.000	93	202206	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.434	10.434	0.000	96	115170	20.0	20.3	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	97	177140	20.0	21.0	
126 2,3-Dihydroindene	117	10.713	10.713	0.000	94	186755	20.0	21.0	
127 Benzyl chloride	126	10.892	10.892	0.000	98	9591	20.0	10.4	
128 p-Diethylbenzene	119	10.906	10.914	-0.008	95	81111	20.0	20.8	
129 n-Butylbenzene	91	10.992	10.993	0.000	97	120060	20.0	21.3	
130 1,2-Dichlorobenzene	146	11.100	11.100	0.000	98	108196	20.0	21.0	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	98	146908	20.0	21.0	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	90	7803	20.0	15.3	
133 1,3,5-Trichlorobenzene	180	12.246	12.246	0.000	97	65585	20.0	21.0	
134 1,2,4-Trichlorobenzene	180	12.934	12.934	0.000	95	60198	20.0	20.3	
135 Hexachlorobutadiene	225	12.948	12.948	0.000	95	21864	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
136 Naphthalene	128	13.234	13.235	-0.001	99	140215	20.0	20.4	
137 1,2,3-Trichlorobenzene	180	13.406	13.406	0.000	96	56916	20.0	20.9	
S 138 1,2-Dichloroethene, Total	100				0		40.0	43.8	
S 139 1,3-Dichloropropene, Total	100				0		40.0	36.4	
S 140 Xylenes, Total	100				0		40.0	41.7	
S 142 Total BTEX	1				0		100.0	104.0	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00336	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 20.00	Units: uL	
ACROLEIN W_00096	Amount Added: 4.00	Units: uL	
524freon_00013	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66991.D

Injection Date: 08-Oct-2019 10:35:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

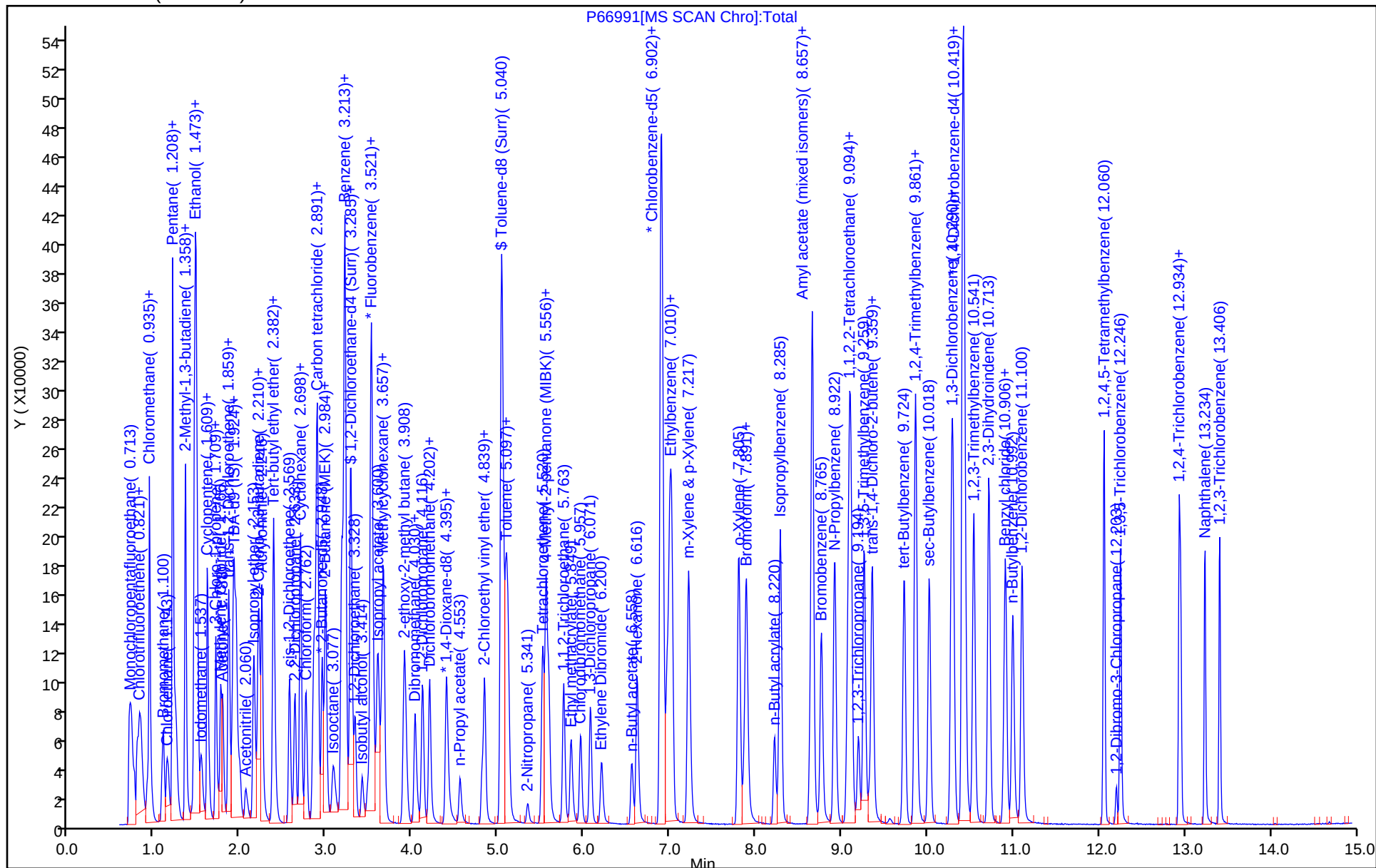
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-645557/3
 Matrix: Water Lab File ID: P67019.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2019 23:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	102		50	4.4
75-05-8	Acetonitrile	191		10	5.0
71-43-2	Benzene	22.3		1.0	0.20
100-44-7	Benzyl chloride	10.2		10	0.34
75-27-4	Bromodichloromethane	19.5	J	50	0.34
75-25-2	Bromoform	17.3		5.0	0.54
74-83-9	Bromomethane	26.0		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	99.1		5.0	1.3
75-15-0	Carbon disulfide	19.1	J	60	0.82
56-23-5	Carbon tetrachloride	19.5		5.0	0.21
108-90-7	Chlorobenzene	21.5		5.0	0.38
75-00-3	Chloroethane	24.6		5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	18.9	J	20	0.43
67-66-3	Chloroform	21.4		7.0	0.33
74-87-3	Chloromethane	38.4		5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	19.0		1.0	0.22
124-48-1	Dibromochloromethane	18.1	J	50	0.28
74-95-3	Dibromomethane	20.3		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	14.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.2		3.0	0.43
541-73-1	1,3-Dichlorobenzene	21.3		3.0	0.34
106-46-7	1,4-Dichlorobenzene	20.6		3.0	0.33
75-71-8	Dichlorodifluoromethane	21.3		5.0	0.31
75-34-3	1,1-Dichloroethane	21.4		5.0	0.26
107-06-2	1,2-Dichloroethane	18.5		1.0	0.43
75-35-4	1,1-Dichloroethene	21.6		5.0	0.26
540-59-0	1,2-Dichloroethene, Total	45.8		2.0	0.44
78-87-5	1,2-Dichloropropane	21.9		1.0	0.35
100-41-4	Ethylbenzene	20.8		5.0	0.30
78-93-3	2-Butanone (MEK)	108		50	1.9
75-09-2	Methylene Chloride	21.8		5.0	0.32
80-62-6	Methyl methacrylate	38.6	J	50	0.97
179601-23-1	m&p-Xylene	20.6		10	0.30
95-47-6	o-Xylene	20.8		5.0	0.36
100-42-5	Styrene	20.5		5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	19.1		5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-645557/3
 Matrix: Water Lab File ID: P67019.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2019 23:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	19.7		5.0	0.37
127-18-4	Tetrachloroethene	21.7		5.0	0.25
156-60-5	trans-1,2-Dichloroethene	23.0		5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.4		1.0	0.49
71-55-6	1,1,1-Trichloroethane	20.7		5.0	0.24
79-00-5	1,1,2-Trichloroethane	21.4		1.0	0.43
79-01-6	Trichloroethene	21.9		5.0	0.31
96-18-4	1,2,3-Trichloropropane	19.5		1.0	0.66
108-88-3	Toluene	21.5		5.0	0.38
108-05-4	Vinyl acetate	35.2		5.0	0.83
75-01-4	Vinyl chloride	23.6		2.0	0.17
1330-20-7	Xylenes, Total	41.4		15	0.65
591-78-6	2-Hexanone	98.9		50	1.1
156-59-2	cis-1,2-Dichloroethene	22.8		5.0	0.22
106-93-4	1,2-Dibromoethane	21.6		5.0	0.50
97-63-2	Ethyl methacrylate	18.4		5.0	0.26
74-88-4	Iodomethane	14.8		5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	14.4		5.0	0.34
126-98-7	Methacrylonitrile	197		5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		74-132
460-00-4	4-Bromofluorobenzene	98		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67019.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 08-Oct-2019 23:41:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0098968-003
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Oct-2019 19:41:43 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0328

First Level Reviewer: baronm

Date: 10-Oct-2019 19:41:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.771	0.771	0.000	68	6170	20.0	50.8	M
2 Chlorotrifluoroethene	116	0.792	0.792	0.000	85	19151	20.0	24.2	
3 Dichlorodifluoromethane	85	0.807	0.807	0.000	98	55474	20.0	21.3	M
4 1,1-Difluoroethane	65	0.878	0.871	0.007	95	22590	20.0	25.3	M
5 Chlorodifluoromethane	67	0.886	0.893	-0.007	96	8687	20.0	21.4	a
6 Chloromethane	50	0.950	0.950	0.000	98	62729	20.0	38.4	
8 Butadiene	54	0.950	0.950	0.000	93	39724	20.0	23.8	
7 Vinyl chloride	62	0.979	0.971	0.008	97	51092	20.0	23.6	M
9 Bromomethane	94	1.129	1.129	0.000	98	48210	20.0	26.0	
10 Chloroethane	64	1.151	1.151	0.001	97	42523	20.0	24.6	
11 Pentane	72	1.222	1.222	0.000	97	16724	40.0	57.0	
12 Trichlorofluoromethane	101	1.222	1.222	0.000	85	86674	20.0	23.9	
13 Dichlorofluoromethane	67	1.251	1.244	0.007	97	81776	20.0	21.8	
14 2-Methyl-1,3-butadiene	67	1.373	1.373	0.000	96	60133	20.0	22.7	
15 Ethyl ether	59	1.373	1.373	0.000	94	33486	20.0	20.1	
16 Ethanol	46	1.451	1.444	0.007	95	5992	800.0	920.7	M
18 1,2-Dichloro-1,1,2-trifluo	67	1.473	1.473	0.000	76	62515	20.0	21.0	
17 1,1-Dichloroethene	96	1.473	1.473	0.000	96	47567	20.0	21.6	
19 Carbon disulfide	76	1.494	1.494	0.000	100	136228	20.0	19.1	
20 1,1,2-Trichloro-1,2,2-trif	101	1.494	1.494	0.000	75	46956	20.0	23.1	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.509	1.509	0.000	89	71392	20.0	22.1	a
22 Iodomethane	142	1.552	1.544	0.008	98	65385	20.0	14.8	
23 Cyclopentene	67	1.623	1.623	0.000	96	104947	20.0	22.5	
24 Acrolein	56	1.645	1.645	0.000	95	9773	40.0	91.9	
25 3-Chloro-1-propene	76	1.724	1.724	0.000	88	28060	20.0	21.4	
26 Isopropyl alcohol	45	1.752	1.752	0.000	98	17929	200.0	208.1	a
27 Methylene Chloride	84	1.781	1.781	0.000	87	54019	20.0	21.8	
28 Acetone	43	1.802	1.802	0.000	87	39185	100.0	102.0	
29 trans-1,2-Dichloroethene	96	1.874	1.874	0.000	90	55889	20.0	23.0	
30 Methyl acetate	43	1.881	1.874	0.007	97	38081	40.0	48.7	
31 Hexane	86	1.931	1.931	0.000	80	8063	20.0	22.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.938	1.931	0.007	94	122373	20.0	19.4	
* 33 TBA-d9 (IS)	65	1.960	1.960	0.000	0	126767	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.003	2.003	0.000	94	22559	200.0	178.2	a
35 Acetonitrile	41	2.067	2.067	0.000	95	22194	200.0	191.4	
36 Isopropyl ether	45	2.168	2.168	0.000	93	109632	20.0	20.7	
37 2-Chloro-1,3-butadiene	88	2.218	2.218	0.000	84	40276	20.0	22.6	
38 1,1-Dichloroethane	63	2.232	2.232	0.000	99	70175	20.0	21.4	
39 Acrylonitrile	53	2.254	2.254	0.000	94	116666	200.0	231.6	
40 Tert-butyl ethyl ether	59	2.397	2.397	0.000	70	109987	20.0	19.7	
41 Vinyl acetate	43	2.397	2.397	0.000	98	121706	40.0	35.2	
42 cis-1,2-Dichloroethene	96	2.583	2.576	0.007	95	50182	20.0	22.8	
43 2,2-Dichloropropane	77	2.648	2.640	0.008	95	54425	20.0	20.2	
45 Chlorobromomethane	128	2.705	2.705	0.000	81	25804	20.0	20.5	
44 Cyclohexane	56	2.712	2.712	0.000	85	50735	20.0	23.3	
46 Chloroform	83	2.777	2.769	0.008	99	74161	20.0	21.4	
47 Carbon tetrachloride	117	2.863	2.855	0.007	98	54589	20.0	19.5	M
48 Ethyl acetate	70	2.877	2.870	0.007	96	7345	40.0	45.1	
49 Methyl acrylate	55	2.877	2.877	0.000	66	24486	20.0	18.5	
50 Tetrahydrofuran	42	2.884	2.877	0.007	96	19313	40.0	36.6	
\$ 51 Dibromofluoromethane (Surr	113	2.898	2.898	0.000	97	108520	50.0	51.1	
52 1,1,1-Trichloroethane	97	2.905	2.905	0.000	95	65650	20.0	20.7	
* 53 2-Butanone-d5	46	2.963	2.956	0.007	0	126347	250.0	250.0	
54 2-Butanone (MEK)	72	2.999	2.999	0.000	98	19624	100.0	107.9	
55 1,1-Dichloropropene	75	3.006	3.006	0.000	96	59070	20.0	22.2	
56 Isooctane	57	3.099	3.092	0.007	97	81460	20.0	31.8	
57 n-Heptane	57	3.171	3.178	-0.008	37	13668	20.0	25.1	M
58 Benzene	78	3.192	3.192	0.000	96	176347	20.0	22.3	
59 Propionitrile	54	3.206	3.206	0.000	98	36329	200.0	241.4	
60 Methacrylonitrile	67	3.228	3.228	0.000	90	126194	200.0	197.3	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.292	3.285	0.007	0	98543	50.0	47.1	
62 Tert-amyl methyl ether	73	3.299	3.299	0.000	97	103628	20.0	19.4	
63 1,2-Dichloroethane	62	3.342	3.342	0.000	97	47978	20.0	18.5	
64 Isobutyl alcohol	43	3.428	3.421	0.007	98	17683	500.0	417.7	
65 t-Amyl alcohol	59	3.500	3.493	0.007	85	14207	200.0	166.3	
* 66 Fluorobenzene	96	3.536	3.536	0.000	100	416293	50.0	50.0	
67 Isopropyl acetate	43	3.600	3.600	0.000	98	49234	20.0	17.2	
68 Methylcyclohexane	83	3.665	3.658	0.007	92	47105	20.0	23.1	
69 Trichloroethene	130	3.679	3.672	0.007	95	54337	20.0	21.9	
70 2-ethoxy-2-methyl butane	59	3.923	3.915	0.008	98	84808	20.0	19.4	
71 Dibromomethane	93	4.037	4.037	0.000	92	25007	20.0	20.3	
72 n-Butanol	56	4.059	4.059	0.000	86	11654	500.0	455.1	
73 1,2-Dichloropropane	63	4.130	4.130	0.000	90	40271	20.0	21.9	
75 Dichlorobromomethane	83	4.209	4.209	0.000	98	50980	20.0	19.5	
74 Ethyl acrylate	55	4.216	4.209	0.007	58	33920	20.0	17.3	
* 76 1,4-Dioxane-d8	96	4.403	4.395	0.008	0	17157	1000.0	1000.0	M
77 Methyl methacrylate	100	4.410	4.410	0.000	82	19967	40.0	38.6	
78 1,4-Dioxane	88	4.438	4.424	0.014	41	7617	400.0	380.6	
79 n-Propyl acetate	43	4.567	4.567	0.000	96	32727	20.0	17.5	
80 2-Chloroethyl vinyl ether	63	4.825	4.825	0.000	94	19985	20.0	18.9	
81 cis-1,3-Dichloropropene	75	4.847	4.847	0.000	90	58227	20.0	19.0	
\$ 82 Toluene-d8 (Surr)	98	5.054	5.054	0.000	99	410273	50.0	50.5	
83 Toluene	91	5.105	5.112	-0.007	93	198236	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Epichlorohydrin	57	5.126	5.126	0.000	98	46653	400.0	410.0	
85 2-Nitropropane	41	5.348	5.348	0.000	96	9124	40.0	20.9	
86 Tetrachloroethene	166	5.534	5.527	0.007	97	52596	20.0	21.7	
87 4-Methyl-2-pentanone (MIBK)	43	5.563	5.563	0.000	95	119764	100.0	99.1	
88 trans-1,3-Dichloropropene	75	5.599	5.599	0.000	93	50182	20.0	18.4	
89 1,1,2-Trichloroethane	83	5.771	5.771	0.000	94	29033	20.0	21.4	
90 Ethyl methacrylate	69	5.857	5.857	0.000	86	40588	20.0	18.4	
91 Chlorodibromomethane	129	5.964	5.964	0.000	98	39893	20.0	18.1	
92 1,3-Dichloropropane	76	6.079	6.079	0.000	91	59760	20.0	22.0	
93 Ethylene Dibromide	107	6.208	6.208	0.000	100	38067	20.0	21.6	
94 n-Butyl acetate	43	6.566	6.559	0.007	95	34711	20.0	15.9	
95 2-Hexanone	43	6.623	6.623	0.000	91	81800	100.0	98.9	
* 96 Chlorobenzene-d5	117	6.910	6.902	0.008	83	344517	50.0	50.0	
97 Chlorobenzene	112	6.924	6.924	0.000	98	135915	20.0	21.5	
98 Ethylbenzene	106	7.010	7.010	0.000	97	69736	20.0	20.8	
99 1,1,1,2-Tetrachloroethane	131	7.031	7.031	0.000	95	43912	20.0	19.1	
100 m-Xylene & p-Xylene	106	7.225	7.225	0.000	0	84163	20.0	20.6	
101 o-Xylene	106	7.812	7.812	0.000	95	81170	20.0	20.8	
102 Bromoform	173	7.869	7.869	0.000	96	22091	20.0	17.3	
103 Styrene	104	7.898	7.898	0.000	98	132271	20.0	20.5	
104 n-Butyl acrylate	73	8.228	8.228	0.000	98	21658	20.0	17.1	
105 Isopropylbenzene	105	8.292	8.292	0.000	94	196741	20.0	21.6	
106 Amyl acetate (mixed isomer)	43	8.636	8.636	0.000	94	42832	20.0	15.8	
\$ 107 4-Bromofluorobenzene	174	8.665	8.665	0.000	98	144909	50.0	49.1	
108 Bromobenzene	156	8.772	8.772	0.000	87	60585	20.0	20.8	
109 N-Propylbenzene	91	8.922	8.922	0.000	100	212307	20.0	22.2	
110 1,1,2,2-Tetrachloroethane	83	9.066	9.073	-0.007	97	39709	20.0	19.7	
111 2-Chlorotoluene	91	9.094	9.094	0.000	97	156026	20.0	21.1	
112 4-Ethyltoluene	105	9.116	9.116	0.000	98	193272	20.0	21.8	
113 1,2,3-Trichloropropane	110	9.202	9.202	0.000	96	13154	20.0	19.5	
114 1,3,5-Trimethylbenzene	105	9.266	9.266	0.000	94	158347	20.0	21.4	
115 trans-1,4-Dichloro-2-buten	53	9.331	9.338	-0.007	81	7250	20.0	14.4	
116 4-Chlorotoluene	91	9.359	9.367	-0.007	96	143368	20.0	21.6	
117 tert-Butylbenzene	119	9.732	9.732	0.000	96	128859	20.0	21.5	
118 1,2,4-Trimethylbenzene	105	9.861	9.861	0.000	96	165545	20.0	20.8	
119 Butyl Methacrylate	87	9.868	9.868	0.000	88	48665	20.0	17.9	
120 sec-Butylbenzene	105	10.026	10.026	0.000	99	172033	20.0	22.4	
121 1,3-Dichlorobenzene	146	10.283	10.283	0.000	98	107473	20.0	21.3	
122 4-Isopropyltoluene	119	10.305	10.305	0.000	98	156617	20.0	21.5	
* 123 1,4-Dichlorobenzene-d4	152	10.420	10.419	0.001	93	198115	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.441	10.441	0.000	96	114483	20.0	20.6	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	97	172198	20.0	20.8	
126 2,3-Dihydroindene	117	10.720	10.720	0.000	94	185803	20.0	21.3	
127 Benzyl chloride	126	10.899	10.899	0.000	98	9202	20.0	10.2	
128 p-Diethylbenzene	119	10.914	10.914	0.000	95	81018	20.0	21.3	
129 n-Butylbenzene	91	11.000	11.000	0.000	97	121545	20.0	22.0	
130 1,2-Dichlorobenzene	146	11.107	11.107	0.000	98	107047	20.0	21.2	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	98	147525	20.0	21.5	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	91	7112	20.0	14.3	
133 1,3,5-Trichlorobenzene	180	12.253	12.253	0.000	97	65737	20.0	21.5	
134 1,2,4-Trichlorobenzene	180	12.934	12.934	0.000	94	60069	20.0	20.7	
135 Hexachlorobutadiene	225	12.955	12.948	0.007	94	21615	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
136 Naphthalene	128	13.235	13.235	0.000	99	131345	20.0	19.6	
137 1,2,3-Trichlorobenzene	180	13.406	13.406	0.000	97	54822	20.0	20.6	
S 138 1,2-Dichloroethene, Total	100				0		40.0	45.8	
S 139 1,3-Dichloropropene, Total	100				0		40.0	37.4	
S 140 Xylenes, Total	100				0		40.0	41.4	
S 142 Total BTEX	1				0		100.0	106.0	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00336	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 20.00	Units: uL	
ACROLEIN W_00096	Amount Added: 4.00	Units: uL	
524freon_00013	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67019.D

Injection Date: 08-Oct-2019 23:41:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

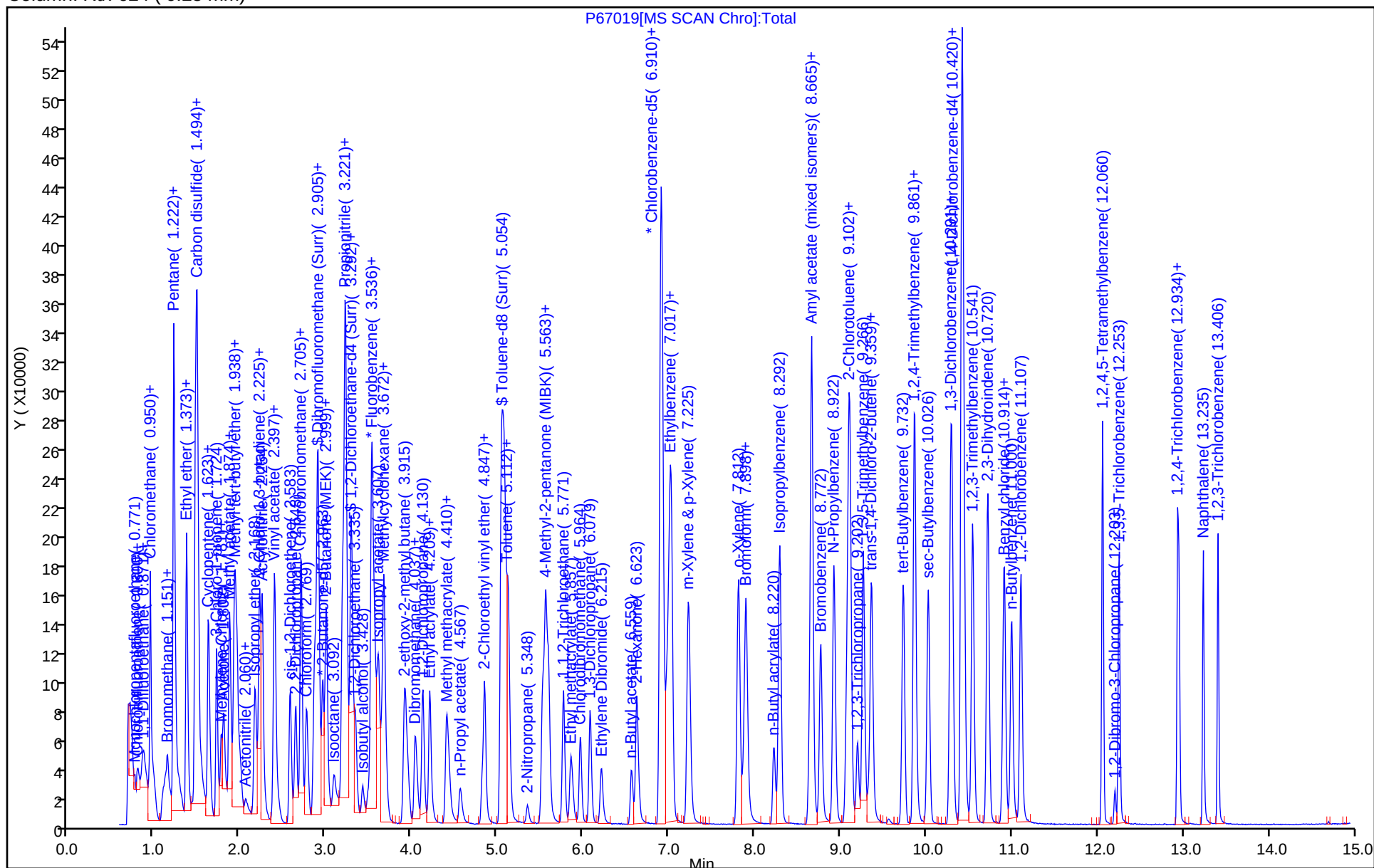
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67019.D

Injection Date: 08-Oct-2019 23:41:30

Instrument ID: CVOAMS13

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

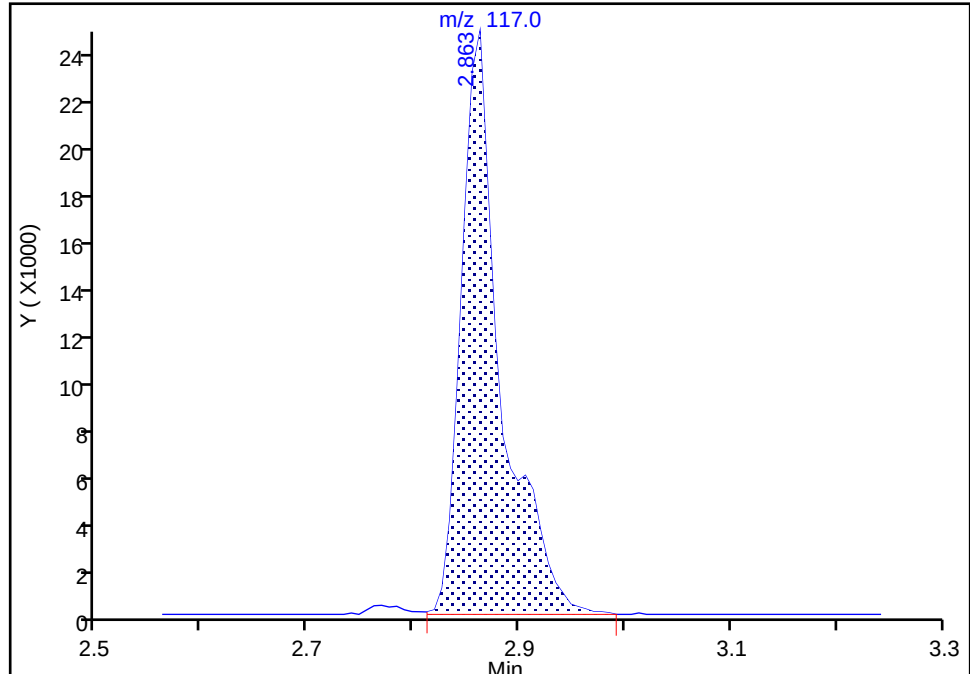
MS SCAN

47 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

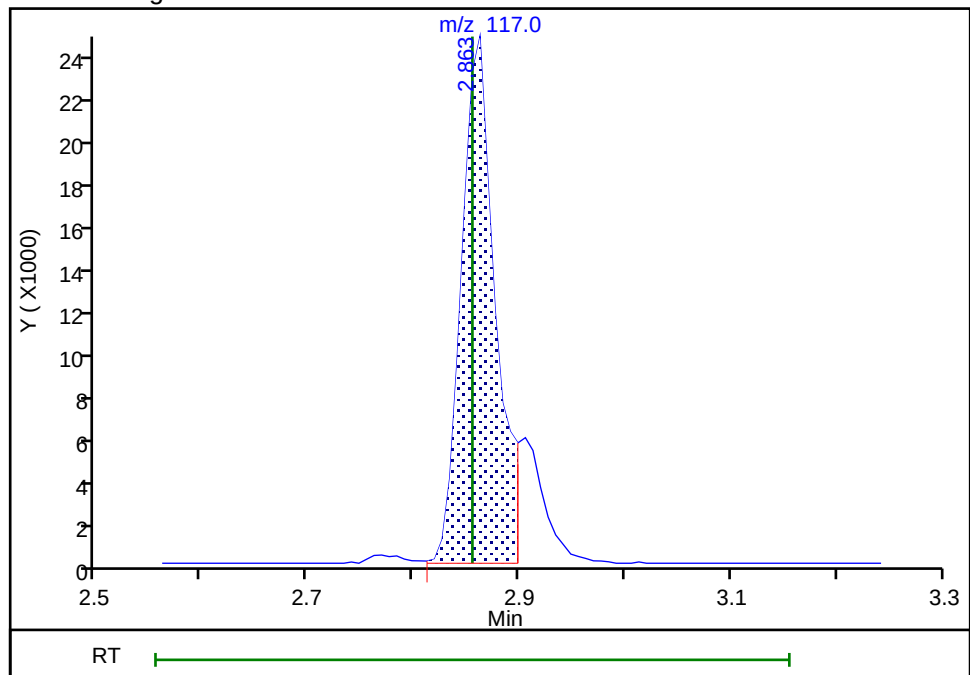
RT: 2.86
Area: 63186
Amount: 22.597935
Amount Units: ug/l

Processing Integration Results



RT: 2.86
Area: 54589
Amount: 19.523291
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Oct-2019 19:41:37

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67019.D

Injection Date: 08-Oct-2019 23:41:30

Instrument ID: CVOAMS13

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

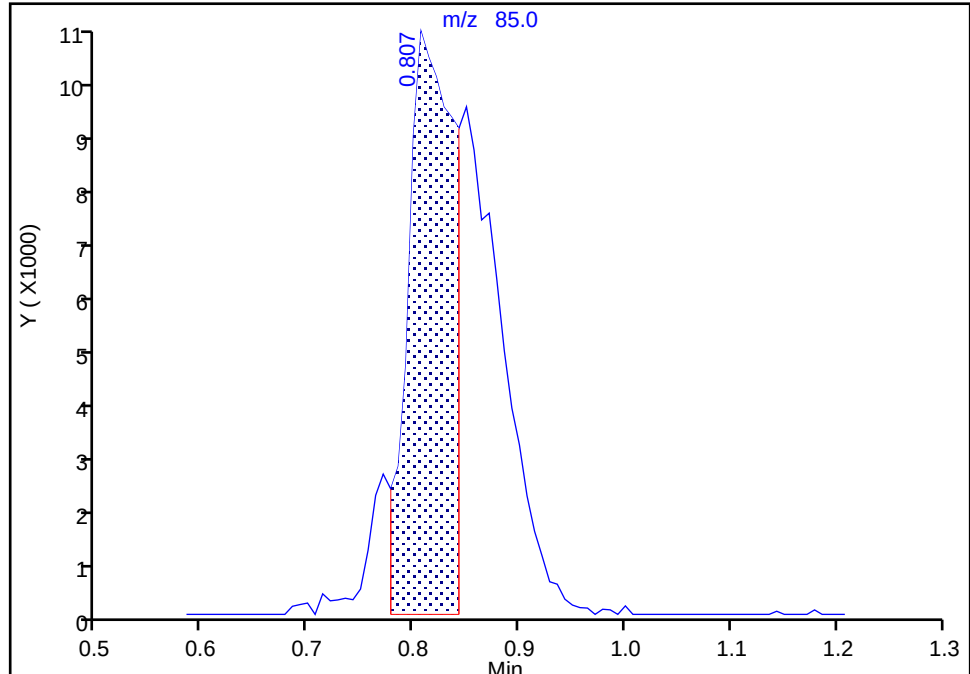
MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

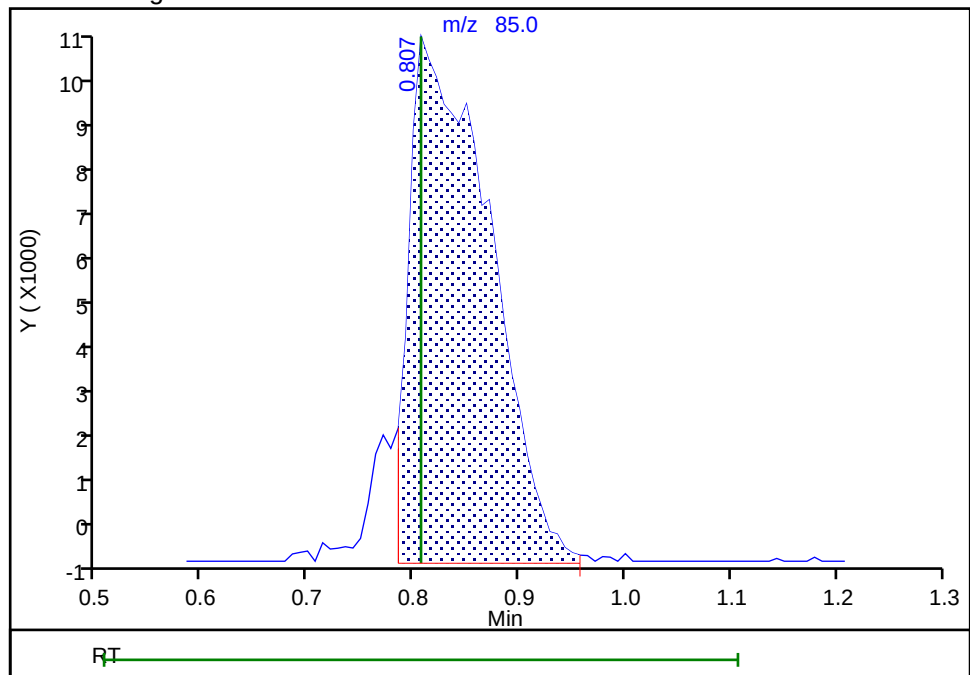
RT: 0.81
Area: 32147
Amount: 12.314414
Amount Units: ug/l

Processing Integration Results



RT: 0.81
Area: 55474
Amount: 21.250189
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 09:19:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67019.D

Injection Date: 08-Oct-2019 23:41:30

Instrument ID: CVOAMS13

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

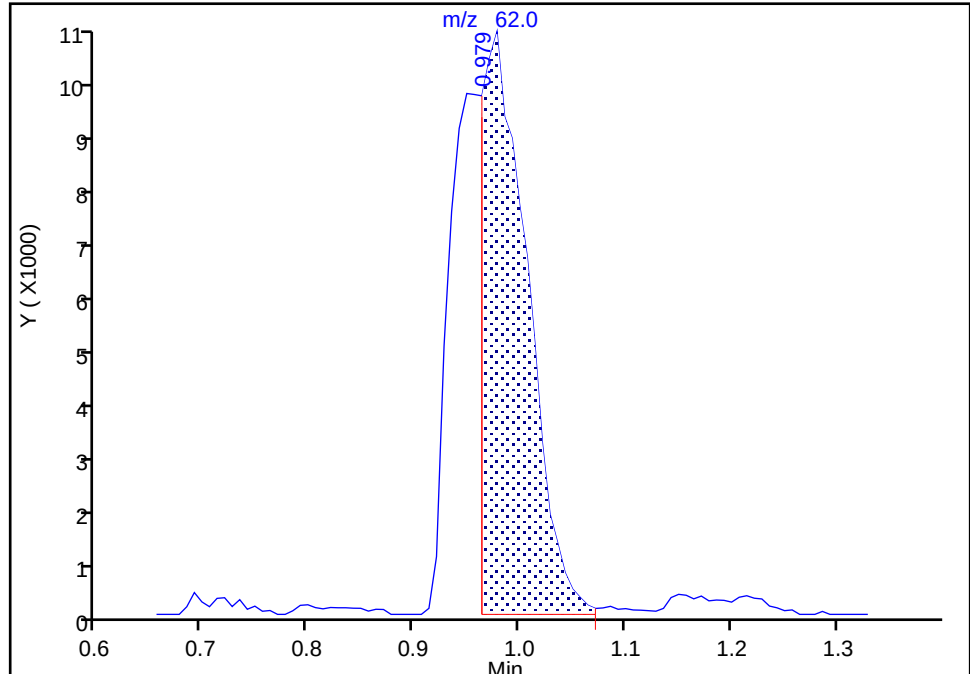
Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

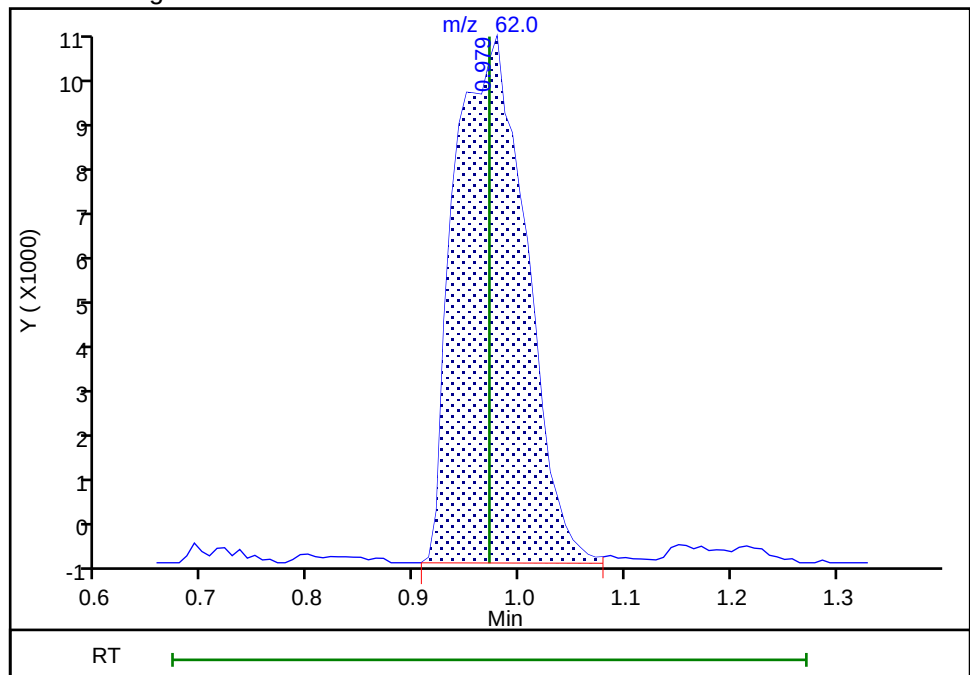
RT: 0.98
Area: 32883
Amount: 15.216403
Amount Units: ug/l

Processing Integration Results



RT: 0.98
Area: 51092
Amount: 23.642504
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 09:20:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67019.D

Injection Date: 08-Oct-2019 23:41:30

Instrument ID: CVOAMS13

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

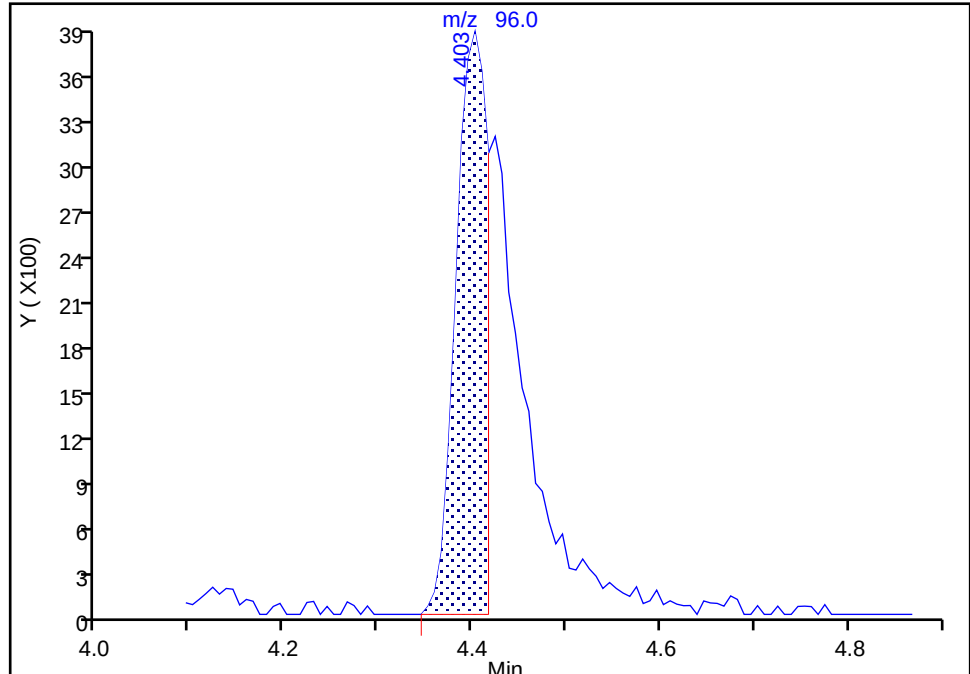
Detector: MS SCAN

* 76 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

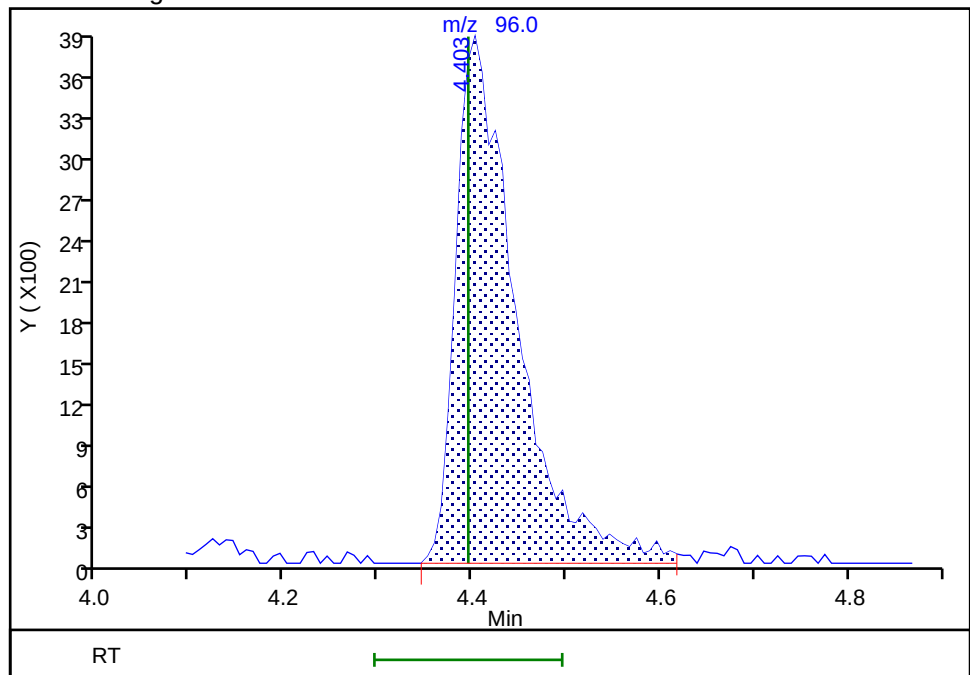
RT: 4.40
Area: 8945
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.40
Area: 17157
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 09:21:47

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-645726/3
 Matrix: Water Lab File ID: P67039.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2019 12:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645726 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	100		50	4.4
75-05-8	Acetonitrile	183		10	5.0
71-43-2	Benzene	22.2		1.0	0.20
100-44-7	Benzyl chloride	11.2		10	0.34
75-27-4	Bromodichloromethane	19.3	J	50	0.34
75-25-2	Bromoform	17.6		5.0	0.54
74-83-9	Bromomethane	24.5		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	1.3
75-15-0	Carbon disulfide	19.0	J	60	0.82
56-23-5	Carbon tetrachloride	19.0		5.0	0.21
108-90-7	Chlorobenzene	21.5		5.0	0.38
75-00-3	Chloroethane	23.3		5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20.1		20	0.43
67-66-3	Chloroform	21.3		7.0	0.33
74-87-3	Chloromethane	39.1		5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.22
124-48-1	Dibromochloromethane	18.9	J	50	0.28
74-95-3	Dibromomethane	21.3		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	16.4		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.6		3.0	0.43
541-73-1	1,3-Dichlorobenzene	21.5		3.0	0.34
106-46-7	1,4-Dichlorobenzene	20.7		3.0	0.33
75-71-8	Dichlorodifluoromethane	24.2		5.0	0.31
75-34-3	1,1-Dichloroethane	21.4		5.0	0.26
107-06-2	1,2-Dichloroethane	18.7		1.0	0.43
75-35-4	1,1-Dichloroethene	21.6		5.0	0.26
540-59-0	1,2-Dichloroethene, Total	44.4		2.0	0.44
78-87-5	1,2-Dichloropropane	21.4		1.0	0.35
100-41-4	Ethylbenzene	20.9		5.0	0.30
78-93-3	2-Butanone (MEK)	113		50	1.9
75-09-2	Methylene Chloride	21.6		5.0	0.32
80-62-6	Methyl methacrylate	40.1	J	50	0.97
179601-23-1	m&p-Xylene	20.7		10	0.30
95-47-6	o-Xylene	21.2		5.0	0.36
100-42-5	Styrene	20.5		5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	19.3		5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-645726/3
 Matrix: Water Lab File ID: P67039.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2019 12:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645726 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	20.6		5.0	0.37
127-18-4	Tetrachloroethene	21.6		5.0	0.25
156-60-5	trans-1,2-Dichloroethene	22.1		5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.1		1.0	0.49
71-55-6	1,1,1-Trichloroethane	20.5		5.0	0.24
79-00-5	1,1,2-Trichloroethane	22.6		1.0	0.43
79-01-6	Trichloroethene	21.9		5.0	0.31
96-18-4	1,2,3-Trichloropropane	20.8		1.0	0.66
108-88-3	Toluene	21.2		5.0	0.38
108-05-4	Vinyl acetate	38.0		5.0	0.83
75-01-4	Vinyl chloride	18.3		2.0	0.17
1330-20-7	Xylenes, Total	41.9		15	0.65
591-78-6	2-Hexanone	106		50	1.1
156-59-2	cis-1,2-Dichloroethene	22.3		5.0	0.22
106-93-4	1,2-Dibromoethane	22.4		5.0	0.50
97-63-2	Ethyl methacrylate	19.7		5.0	0.26
74-88-4	Iodomethane	14.5		5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	16.0		5.0	0.34
126-98-7	Methacrylonitrile	202		5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		74-132
460-00-4	4-Bromofluorobenzene	98		77-124
2037-26-5	Toluene-d8 (Surr)	67	*	80-120
1868-53-7	Dibromofluoromethane (Surr)	100		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67039.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 09-Oct-2019 12:26:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0099009-003
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Oct-2019 12:06:41 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0337

First Level Reviewer: xuyvo

Date: 10-Oct-2019 12:06:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.771	0.785	-0.014	37	4196	20.0	34.1	a
2 Chlorotrifluoroethene	116	0.800	0.799	0.001	88	18870	20.0	23.6	
3 Dichlorodifluoromethane	85	0.814	0.807	0.007	97	63986	20.0	24.2	M
4 1,1-Difluoroethane	65	0.871	0.871	0.000	95	22608	20.0	25.0	
5 Chlorodifluoromethane	67	0.885	0.893	-0.007	96	8694	20.0	21.2	Ma
6 Chloromethane	50	0.950	0.950	0.000	98	64548	20.0	39.1	
8 Butadiene	54	0.950	0.950	0.000	95	43124	20.0	25.6	
7 Vinyl chloride	62	0.979	0.971	0.008	62	39952	20.0	18.3	
9 Bromomethane	94	1.143	1.129	0.014	99	45488	20.0	24.5	
10 Chloroethane	64	1.151	1.150	0.001	100	40719	20.0	23.3	
11 Pentane	72	1.222	1.222	0.000	96	20326	40.0	66.5	
12 Trichlorofluoromethane	101	1.229	1.222	0.007	79	92651	20.0	25.2	
13 Dichlorofluoromethane	67	1.251	1.243	0.008	98	39137	20.0	10.3	
14 2-Methyl-1,3-butadiene	67	1.373	1.372	0.001	96	67510	20.0	25.2	
15 Ethyl ether	59	1.373	1.372	0.001	93	35312	20.0	20.9	
16 Ethanol	46	1.444	1.451	-0.007	97	5872	800.0	866.1	M
18 1,2-Dichloro-1,1,2-trifluo	67	1.473	1.473	0.000	77	63577	20.0	21.1	
17 1,1-Dichloroethene	96	1.480	1.473	0.007	95	48156	20.0	21.6	
19 Carbon disulfide	76	1.494	1.494	0.000	100	137254	20.0	19.0	
20 1,1,2-Trichloro-1,2,2-trif	101	1.494	1.494	0.000	84	52004	20.0	25.2	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.509	1.509	0.000	88	73446	20.0	22.4	a
22 Iodomethane	142	1.552	1.552	0.000	98	64546	20.0	14.5	
23 Cyclopentene	67	1.630	1.623	0.007	96	110812	20.0	23.4	
24 Acrolein	56	1.645	1.645	0.000	94	5619	40.0	50.1	
25 3-Chloro-1-propene	76	1.724	1.723	0.001	88	27466	20.0	20.7	
26 Isopropyl alcohol	45	1.745	1.745	0.000	97	17722	200.0	197.5	
27 Methylene Chloride	84	1.781	1.781	0.000	87	54258	20.0	21.6	
28 Acetone	43	1.802	1.802	0.000	88	38484	100.0	100.2	
29 trans-1,2-Dichloroethene	96	1.874	1.874	0.000	90	54186	20.0	22.1	
30 Methyl acetate	43	1.881	1.881	0.000	98	41615	40.0	51.1	
31 Hexane	86	1.931	1.924	0.007	79	8704	20.0	24.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.938	1.938	0.000	94	126643	20.0	19.8	
* 33 TBA-d9 (IS)	65	1.960	1.960	0.000	0	132050	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.003	2.003	0.000	92	23914	200.0	181.3	a
35 Acetonitrile	41	2.067	2.067	0.000	96	22075	200.0	182.7	
36 Isopropyl ether	45	2.175	2.175	0.000	94	113688	20.0	21.2	
37 2-Chloro-1,3-butadiene	88	2.225	2.218	0.007	85	41126	20.0	22.8	
38 1,1-Dichloroethane	63	2.232	2.232	0.000	99	71014	20.0	21.4	
39 Acrylonitrile	53	2.254	2.253	0.001	92	121348	200.0	238.1	
40 Tert-butyl ethyl ether	59	2.397	2.397	0.000	91	113498	20.0	20.1	
41 Vinyl acetate	43	2.397	2.397	0.000	99	132654	40.0	38.0	
42 cis-1,2-Dichloroethene	96	2.583	2.576	0.007	95	49798	20.0	22.3	
43 2,2-Dichloropropane	77	2.648	2.647	0.001	95	56124	20.0	20.6	
45 Chlorobromomethane	128	2.712	2.712	0.000	82	26412	20.0	20.8	
44 Cyclohexane	56	2.712	2.712	0.000	85	57049	20.0	25.9	
46 Chloroform	83	2.769	2.769	0.000	99	74705	20.0	21.3	
47 Carbon tetrachloride	117	2.862	2.855	0.007	98	53764	20.0	19.0	
48 Ethyl acetate	70	2.870	2.870	0.000	97	7280	40.0	44.7	
49 Methyl acrylate	55	2.877	2.877	0.000	87	25693	20.0	19.2	
50 Tetrahydrofuran	42	2.884	2.877	0.007	89	20555	40.0	38.9	
\$ 51 Dibromofluoromethane (Surr	113	2.898	2.898	0.000	97	107156	50.0	49.9	
52 1,1,1-Trichloroethane	97	2.905	2.905	0.000	94	65631	20.0	20.5	
* 53 2-Butanone-d5	46	2.963	2.963	0.000	0	126310	250.0	250.0	
54 2-Butanone (MEK)	72	2.999	2.998	0.001	97	20634	100.0	113.5	
55 1,1-Dichloropropene	75	3.006	3.006	0.000	95	60086	20.0	22.3	
56 Isooctane	57	3.099	3.092	0.007	97	94399	20.0	36.4	
57 n-Heptane	57	3.185	3.178	0.007	43	23092	20.0	42.0	Ma
58 Benzene	78	3.192	3.192	0.000	96	176533	20.0	22.2	
59 Propionitrile	54	3.206	3.206	0.000	98	38177	200.0	243.5	
60 Methacrylonitrile	67	3.228	3.228	0.000	91	130921	200.0	202.3	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.292	3.292	0.000	0	99265	50.0	46.9	
62 Tert-amyl methyl ether	73	3.299	3.299	0.000	97	108163	20.0	20.0	
63 1,2-Dichloroethane	62	3.342	3.342	0.000	97	49107	20.0	18.7	
64 Isobutyl alcohol	43	3.428	3.428	0.000	97	19861	500.0	450.4	
65 t-Amyl alcohol	59	3.493	3.493	0.000	85	15572	200.0	175.0	
* 66 Fluorobenzene	96	3.536	3.536	0.000	100	421201	50.0	50.0	
67 Isopropyl acetate	43	3.600	3.600	0.000	98	52415	20.0	18.1	
68 Methylcyclohexane	83	3.665	3.657	0.008	91	53771	20.0	26.0	
69 Trichloroethene	130	3.679	3.672	0.007	94	54794	20.0	21.9	
70 2-ethoxy-2-methyl butane	59	3.915	3.915	0.000	98	87373	20.0	19.8	
71 Dibromomethane	93	4.037	4.037	0.000	91	26571	20.0	21.3	
72 n-Butanol	56	4.059	4.051	0.008	88	12518	500.0	469.3	
73 1,2-Dichloropropane	63	4.130	4.130	0.000	89	39797	20.0	21.4	
75 Dichlorobromomethane	83	4.209	4.209	0.000	98	51023	20.0	19.3	
74 Ethyl acrylate	55	4.209	4.209	0.000	57	35320	20.0	17.8	
* 76 1,4-Dioxane-d8	96	4.403	4.395	0.008	0	16470	1000.0	1000.0	M
77 Methyl methacrylate	100	4.410	4.410	0.000	81	20990	40.0	40.1	
78 1,4-Dioxane	88	4.424	4.424	0.000	37	7717	400.0	401.7	
79 n-Propyl acetate	43	4.567	4.560	0.007	96	35268	20.0	18.6	
80 2-Chloroethyl vinyl ether	63	4.818	4.825	-0.007	93	21566	20.0	20.1	
81 cis-1,3-Dichloropropene	75	4.847	4.847	0.001	90	60374	20.0	19.6	
\$ 82 Toluene-d8 (Surr)	98	5.062	5.061	0.001	99	273989	50.0	33.6	
83 Toluene	91	5.105	5.112	-0.007	93	196452	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Epichlorohydrin	57	5.126	5.126	0.000	98	50037	400.0	439.8	
85 2-Nitropropane	41	5.348	5.348	0.000	100	9877	40.0	22.4	
86 Tetrachloroethene	166	5.534	5.534	0.000	97	52620	20.0	21.6	
87 4-Methyl-2-pentanone (MIBK)	43	5.563	5.570	-0.007	95	125506	100.0	103.9	
88 trans-1,3-Dichloropropene	75	5.599	5.599	0.000	95	52187	20.0	19.1	
89 1,1,2-Trichloroethane	83	5.764	5.771	-0.007	95	30895	20.0	22.6	
90 Ethyl methacrylate	69	5.857	5.856	0.001	86	43939	20.0	19.7	
91 Chlorodibromomethane	129	5.964	5.964	0.000	98	41898	20.0	18.9	
92 1,3-Dichloropropane	76	6.079	6.079	0.000	91	61624	20.0	22.6	
93 Ethylene Dibromide	107	6.208	6.207	0.001	98	39631	20.0	22.4	
94 n-Butyl acetate	43	6.559	6.558	0.001	97	33777	20.0	15.4	
95 2-Hexanone	43	6.623	6.623	0.000	92	87819	100.0	106.2	
* 96 Chlorobenzene-d5	117	6.902	6.909	-0.007	83	346164	50.0	50.0	
97 Chlorobenzene	112	6.924	6.924	0.000	97	136880	20.0	21.5	
98 Ethylbenzene	106	7.017	7.017	0.000	97	70387	20.0	20.9	
99 1,1,1,2-Tetrachloroethane	131	7.031	7.031	0.000	94	44553	20.0	19.3	
100 m-Xylene & p-Xylene	106	7.232	7.232	0.000	0	85168	20.0	20.7	
101 o-Xylene	106	7.812	7.812	0.000	95	83006	20.0	21.2	
102 Bromoform	173	7.869	7.869	0.000	95	22508	20.0	17.6	
103 Styrene	104	7.898	7.898	0.000	98	132982	20.0	20.5	
104 n-Butyl acrylate	73	8.228	8.227	0.001	99	23228	20.0	18.2	
105 Isopropylbenzene	105	8.292	8.292	0.000	94	198117	20.0	21.6	
106 Amyl acetate (mixed isomer)	43	8.636	8.636	0.000	92	45877	20.0	16.9	
\$ 107 4-Bromofluorobenzene	174	8.665	8.664	0.001	97	145562	50.0	49.1	
108 Bromobenzene	156	8.772	8.772	0.000	87	61856	20.0	21.2	
109 N-Propylbenzene	91	8.922	8.922	0.000	100	213427	20.0	22.4	
110 1,1,2,2-Tetrachloroethane	83	9.066	9.073	-0.007	97	41465	20.0	20.6	
111 2-Chlorotoluene	91	9.094	9.094	0.000	97	156307	20.0	21.2	
112 4-Ethyltoluene	105	9.116	9.116	0.000	98	195313	20.0	22.1	
113 1,2,3-Trichloropropane	110	9.202	9.202	0.000	95	13979	20.0	20.8	
114 1,3,5-Trimethylbenzene	105	9.266	9.266	0.000	94	159658	20.0	21.6	
115 trans-1,4-Dichloro-2-buten	53	9.331	9.331	0.000	78	8013	20.0	16.0	
116 4-Chlorotoluene	91	9.359	9.359	0.000	96	145444	20.0	21.9	
117 tert-Butylbenzene	119	9.732	9.732	0.000	96	132646	20.0	22.2	
118 1,2,4-Trimethylbenzene	105	9.861	9.861	0.000	97	168823	20.0	21.3	
119 Butyl Methacrylate	87	9.868	9.868	0.000	87	51233	20.0	18.9	
120 sec-Butylbenzene	105	10.026	10.025	0.001	99	173795	20.0	22.7	
121 1,3-Dichlorobenzene	146	10.283	10.283	0.000	97	108282	20.0	21.5	
122 4-Isopropyltoluene	119	10.305	10.305	0.000	98	158043	20.0	21.7	
* 123 1,4-Dichlorobenzene-d4	152	10.420	10.419	0.001	93	197587	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.441	10.441	0.000	96	114748	20.0	20.7	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	97	173498	20.0	21.0	
126 2,3-Dihydroindene	117	10.720	10.720	0.000	94	186790	20.0	21.5	
127 Benzyl chloride	126	10.892	10.892	0.000	98	10071	20.0	11.2	
128 p-Diethylbenzene	119	10.914	10.914	0.000	95	82065	20.0	21.6	
129 n-Butylbenzene	91	10.993	10.992	0.001	97	120716	20.0	21.9	
130 1,2-Dichlorobenzene	146	11.107	11.107	0.000	98	108687	20.0	21.6	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	97	150234	20.0	22.0	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	88	8147	20.0	16.4	
133 1,3,5-Trichlorobenzene	180	12.253	12.253	0.000	97	67331	20.0	22.1	
134 1,2,4-Trichlorobenzene	180	12.934	12.934	0.000	94	60539	20.0	20.9	
135 Hexachlorobutadiene	225	12.955	12.955	0.000	95	21777	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
136 Naphthalene	128	13.235	13.234	0.001	99	136521	20.0	20.4	
137 1,2,3-Trichlorobenzene	180	13.406	13.406	0.000	95	55039	20.0	20.7	
S 138 1,2-Dichloroethene, Total	100				0		40.0	44.4	
S 139 1,3-Dichloropropene, Total	100				0		40.0	38.7	
S 140 Xylenes, Total	100				0		40.0	41.9	
S 142 Total BTEX	1				0		100.0	106.2	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00336	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 20.00	Units: uL	
ACROLEIN W_00096	Amount Added: 4.00	Units: uL	
524freon_00013	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67039.D

Injection Date: 09-Oct-2019 12:26:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

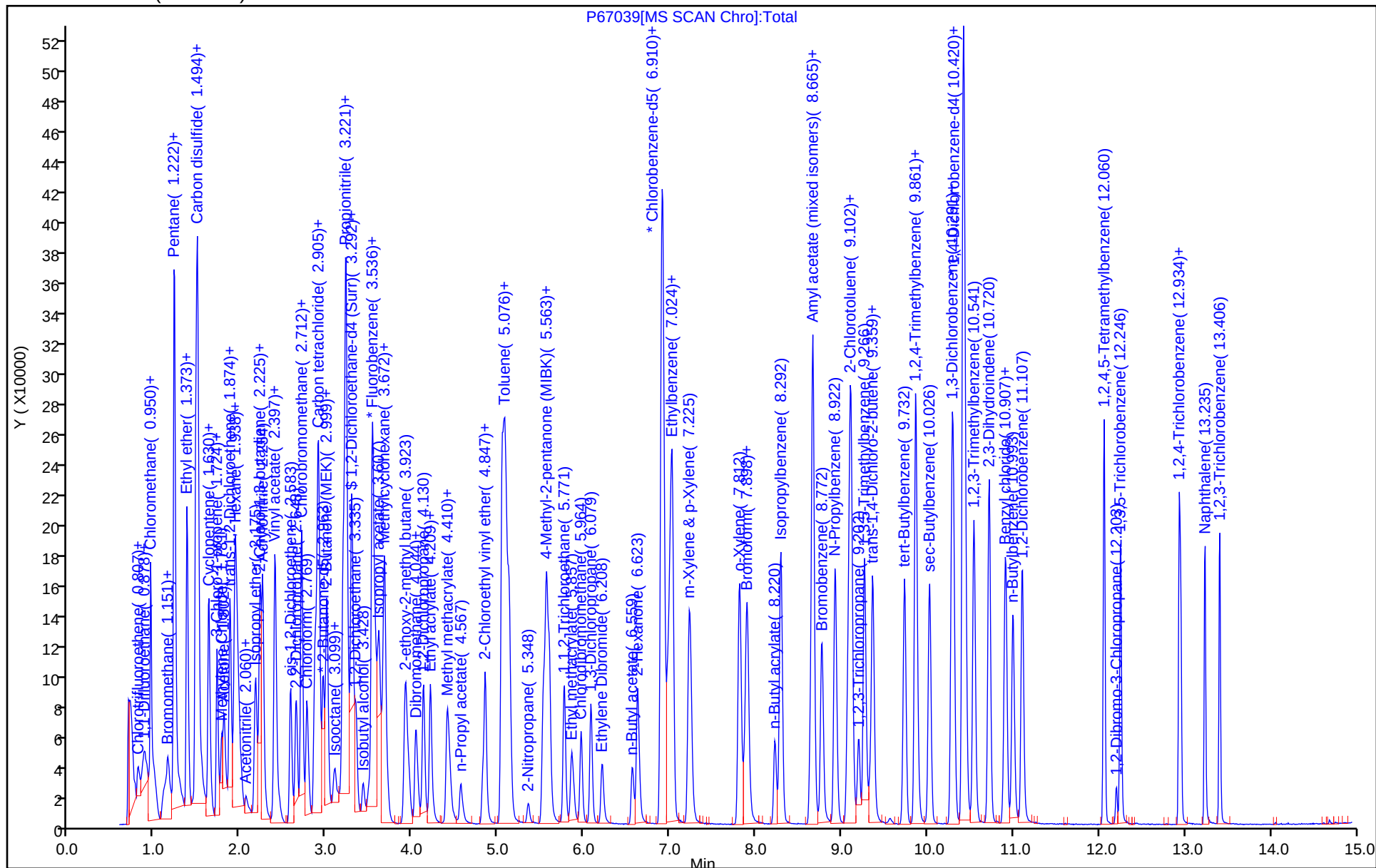
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67039.D

Injection Date: 09-Oct-2019 12:26:30

Instrument ID: CVOAMS13

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

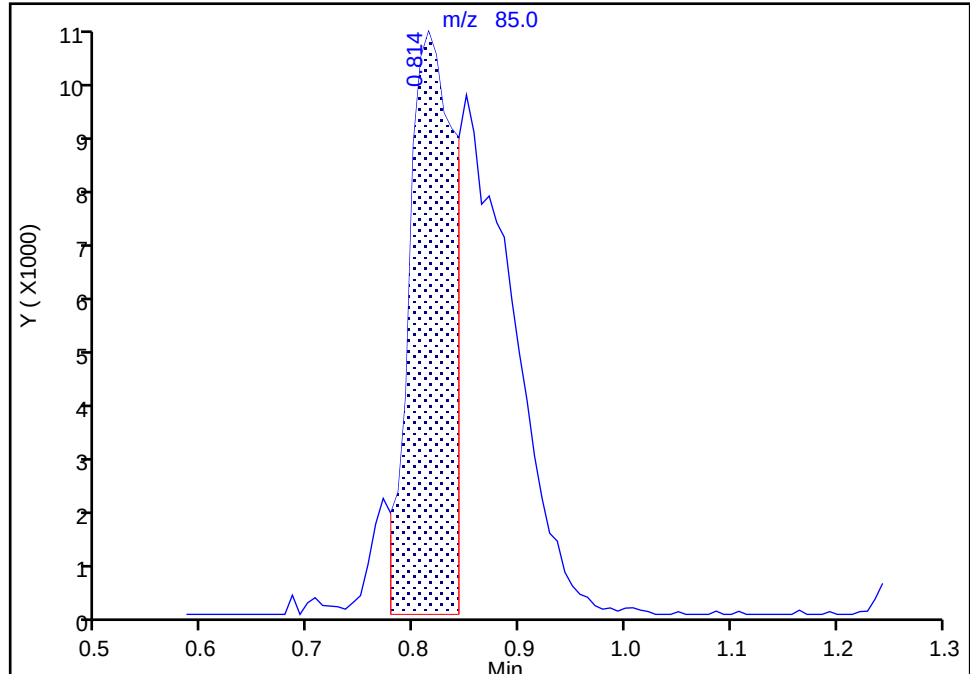
MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

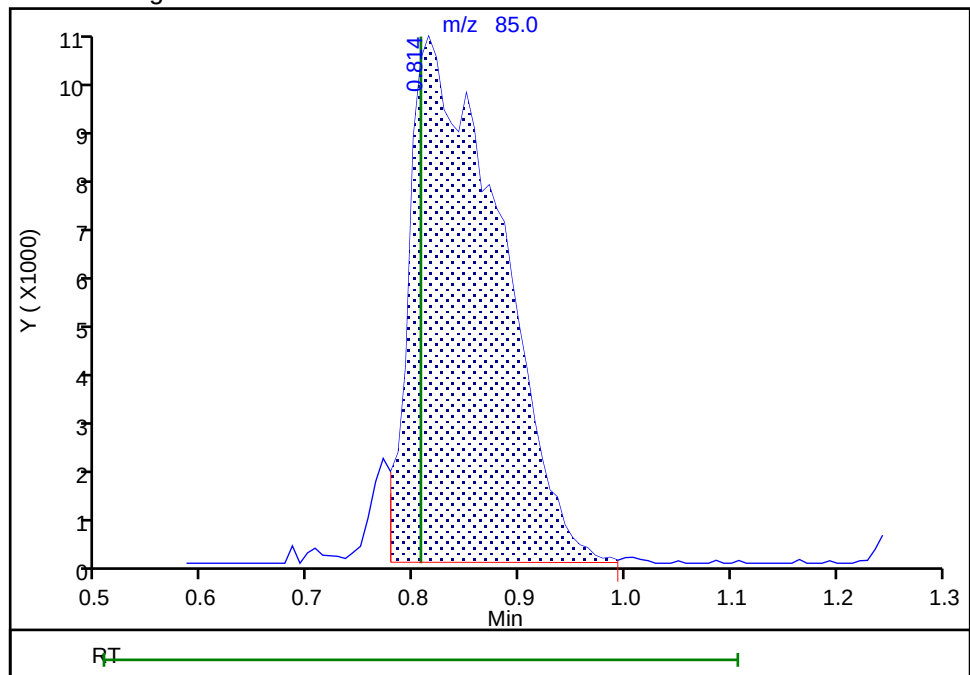
RT: 0.81
Area: 32630
Amount: 12.353787
Amount Units: ug/l

Processing Integration Results



RT: 0.81
Area: 63986
Amount: 24.225234
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 11:46:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67039.D

Injection Date: 09-Oct-2019 12:26:30

Instrument ID: CVOAMS13

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

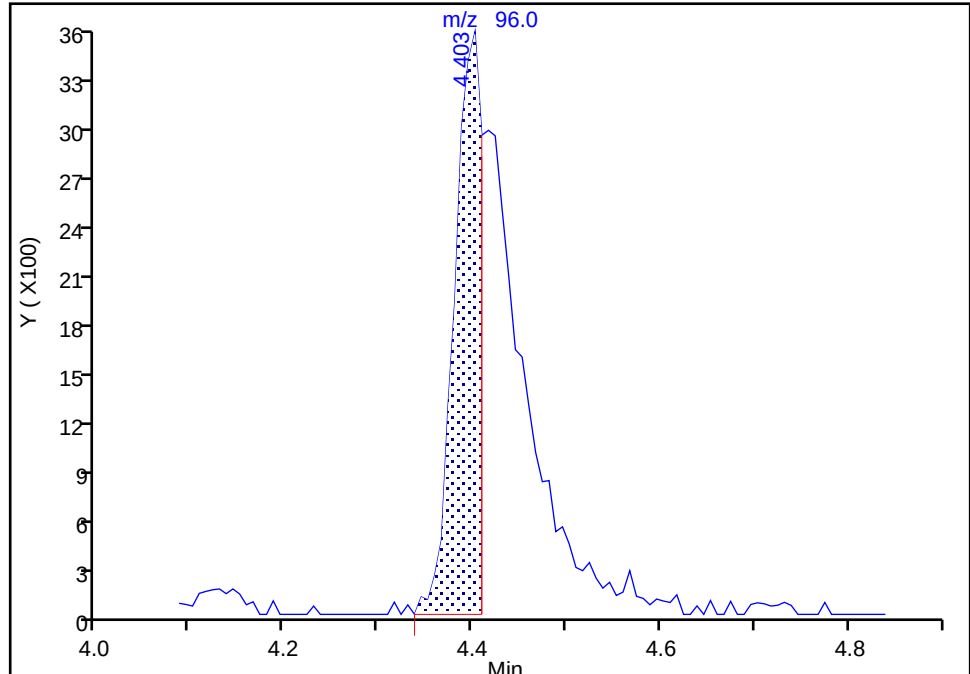
Detector: MS SCAN

* 76 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

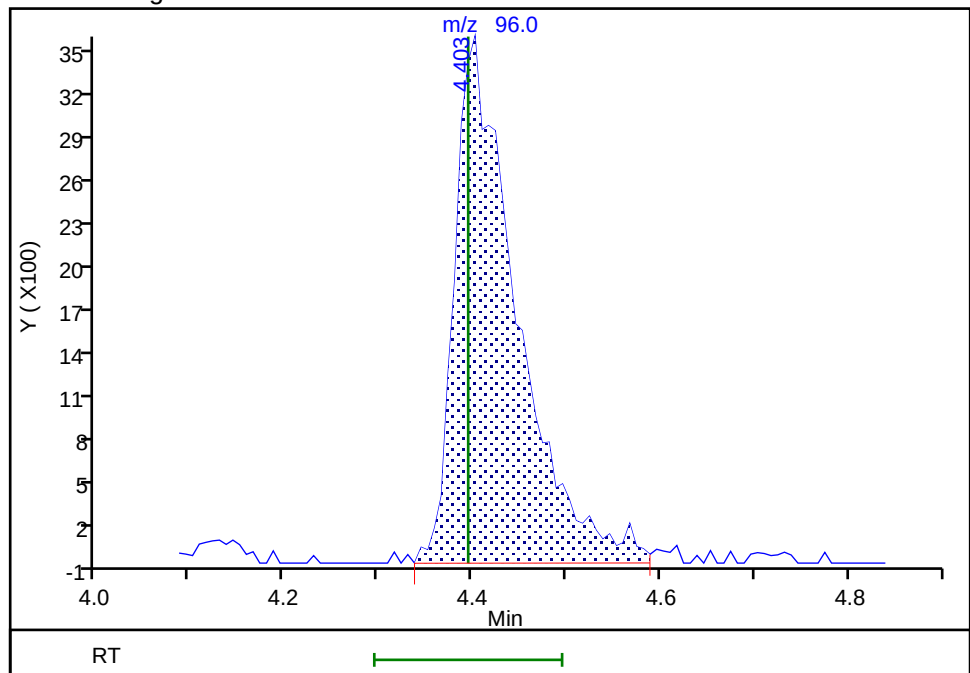
RT: 4.40
Area: 7311
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.40
Area: 16470
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 10-Oct-2019 12:06:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-645366/5
 Matrix: Water Lab File ID: P66992.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2019 11:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645366 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	106		50	4.4
75-05-8	Acetonitrile	222		10	5.0
71-43-2	Benzene	20.4		1.0	0.20
100-44-7	Benzyl chloride	10.6		10	0.34
75-27-4	Bromodichloromethane	18.5	J	50	0.34
75-25-2	Bromoform	17.4		5.0	0.54
74-83-9	Bromomethane	24.6		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	105		5.0	1.3
75-15-0	Carbon disulfide	17.8	J	60	0.82
56-23-5	Carbon tetrachloride	17.7		5.0	0.21
108-90-7	Chlorobenzene	20.7		5.0	0.38
75-00-3	Chloroethane	25.2		5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20.2		20	0.43
67-66-3	Chloroform	20.2		7.0	0.33
74-87-3	Chloromethane	16.5		5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	17.9		1.0	0.22
124-48-1	Dibromochloromethane	17.4	J	50	0.28
74-95-3	Dibromomethane	21.2		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	15.6		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.7		3.0	0.43
541-73-1	1,3-Dichlorobenzene	20.9		3.0	0.34
106-46-7	1,4-Dichlorobenzene	19.8		3.0	0.33
75-71-8	Dichlorodifluoromethane	23.7		5.0	0.31
75-34-3	1,1-Dichloroethane	20.3		5.0	0.26
107-06-2	1,2-Dichloroethane	18.7		1.0	0.43
75-35-4	1,1-Dichloroethene	20.0		5.0	0.26
540-59-0	1,2-Dichloroethene, Total	42.5		2.0	0.44
78-87-5	1,2-Dichloropropane	20.6		1.0	0.35
100-41-4	Ethylbenzene	20.0		5.0	0.30
78-93-3	2-Butanone (MEK)	110		50	1.9
75-09-2	Methylene Chloride	20.7		5.0	0.32
80-62-6	Methyl methacrylate	40.2	J	50	0.97
179601-23-1	m&p-Xylene	20.3		10	0.30
95-47-6	o-Xylene	20.4		5.0	0.36
100-42-5	Styrene	20.2		5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	18.4		5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-645366/5
 Matrix: Water Lab File ID: P66992.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2019 11:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645366 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	20.3		5.0	0.37
127-18-4	Tetrachloroethene	20.7		5.0	0.25
156-60-5	trans-1,2-Dichloroethene	21.1		5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.0		1.0	0.49
71-55-6	1,1,1-Trichloroethane	19.1		5.0	0.24
79-00-5	1,1,2-Trichloroethane	21.4		1.0	0.43
79-01-6	Trichloroethene	20.1		5.0	0.31
96-18-4	1,2,3-Trichloropropane	20.7		1.0	0.66
108-88-3	Toluene	20.4		5.0	0.38
108-05-4	Vinyl acetate	37.5		5.0	0.83
75-01-4	Vinyl chloride	24.1		2.0	0.17
1330-20-7	Xylenes, Total	40.7		15	0.65
591-78-6	2-Hexanone	104		50	1.1
156-59-2	cis-1,2-Dichloroethene	21.4		5.0	0.22
106-93-4	1,2-Dibromoethane	21.6		5.0	0.50
97-63-2	Ethyl methacrylate	19.3		5.0	0.26
74-88-4	Iodomethane	12.3		5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	15.4		5.0	0.34
126-98-7	Methacrylonitrile	206		5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		74-132
460-00-4	4-Bromofluorobenzene	98		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66992.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 08-Oct-2019 11:03:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0098932-005
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2019 11:56:05 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0326

First Level Reviewer: desais

Date: 08-Oct-2019 11:52:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.764	0.764	0.000	92	4600	20.0	37.5	
2 Chlorotrifluoroethene	116	0.785	0.792	-0.007	84	18785	20.0	23.5	a
3 Dichlorodifluoromethane	85	0.814	0.814	0.000	99	62448	20.0	23.7	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	96	21908	20.0	24.3	
5 Chlorodifluoromethane	67	0.842	0.842	0.000	96	8175	20.0	20.0	a
6 Chloromethane	50	0.928	0.928	0.000	26	27165	20.0	16.5	M
8 Butadiene	54	0.936	0.936	0.000	96	42903	20.0	25.5	
7 Vinyl chloride	62	0.943	0.943	0.000	97	52611	20.0	24.1	
9 Bromomethane	94	1.100	1.100	0.000	98	45801	20.0	24.6	
10 Chloroethane	64	1.143	1.150	-0.007	99	43931	20.0	25.2	
11 Pentane	72	1.208	1.208	0.000	97	15041	40.0	45.7	
12 Trichlorofluoromethane	101	1.208	1.208	0.000	96	85538	20.0	23.3	
13 Dichlorofluoromethane	67	1.236	1.236	0.000	99	80446	20.0	21.3	
14 2-Methyl-1,3-butadiene	67	1.351	1.358	-0.007	97	57206	20.0	21.4	
15 Ethyl ether	59	1.358	1.358	0.000	93	34952	20.0	20.8	
16 Ethanol	46	1.444	1.444	0.000	100	6332	800.0	868.4	
18 1,2-Dichloro-1,1,2-trifluo	67	1.458	1.458	0.000	77	61750	20.0	20.5	
17 1,1-Dichloroethene	96	1.458	1.466	-0.008	96	44458	20.0	20.0	
19 Carbon disulfide	76	1.473	1.480	-0.007	100	128133	20.0	17.8	
20 1,1,2-Trichloro-1,2,2-trif	101	1.480	1.480	0.000	81	44042	20.0	21.4	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.494	1.494	0.000	92	69190	20.0	21.2	a
22 Iodomethane	142	1.537	1.537	0.000	98	54979	20.0	12.3	
23 Cyclopentene	67	1.609	1.616	-0.007	96	102519	20.0	21.7	
24 Acrolein	56	1.638	1.638	0.000	93	8120	40.0	67.8	
25 3-Chloro-1-propene	76	1.709	1.709	0.000	87	26384	20.0	19.9	
26 Isopropyl alcohol	45	1.738	1.738	0.000	96	17710	200.0	183.5	
27 Methylene Chloride	84	1.767	1.774	-0.008	88	51832	20.0	20.7	
28 Acetone	43	1.795	1.795	0.000	89	40741	100.0	105.6	
29 trans-1,2-Dichloroethene	96	1.860	1.860	0.000	89	51737	20.0	21.1	
30 Methyl acetate	43	1.867	1.867	0.000	97	41347	40.0	47.2	
31 Hexane	86	1.903	1.903	0.000	85	8005	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.924	1.924	0.000	97	126254	20.0	19.8	
* 33 TBA-d9 (IS)	65	1.946	1.946	0.000	0	142017	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.989	1.996	-0.007	99	29754	200.0	210.1	
35 Acetonitrile	41	2.060	2.060	0.000	99	28847	200.0	222.0	
36 Isopropyl ether	45	2.153	2.153	0.000	94	109285	20.0	20.4	
37 2-Chloro-1,3-butadiene	88	2.203	2.203	0.000	88	37803	20.0	21.0	
38 1,1-Dichloroethane	63	2.218	2.218	0.000	99	67101	20.0	20.3	
39 Acrylonitrile	53	2.246	2.246	0.000	93	109255	200.0	214.5	
40 Tert-butyl ethyl ether	59	2.383	2.383	0.000	92	109270	20.0	19.4	
41 Vinyl acetate	43	2.383	2.383	0.000	99	130776	40.0	37.5	
42 cis-1,2-Dichloroethene	96	2.569	2.569	0.000	95	47678	20.0	21.4	
43 2,2-Dichloropropane	77	2.633	2.633	0.000	96	48784	20.0	17.9	
44 Cyclohexane	56	2.698	2.698	0.000	86	48063	20.0	21.9	
45 Chlorobromomethane	128	2.698	2.698	0.000	81	25958	20.0	20.4	
46 Chloroform	83	2.762	2.762	0.000	99	70787	20.0	20.2	
47 Carbon tetrachloride	117	2.848	2.848	0.000	98	50151	20.0	17.7	
48 Ethyl acetate	70	2.855	2.862	-0.007	98	7422	40.0	45.3	
49 Methyl acrylate	55	2.862	2.862	0.000	87	24998	20.0	18.7	
50 Tetrahydrofuran	42	2.870	2.870	0.000	92	20678	40.0	39.0	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.891	0.000	97	107798	50.0	50.2	
52 1,1,1-Trichloroethane	97	2.891	2.891	0.000	96	61229	20.0	19.1	
* 53 2-Butanone-d5	46	2.948	2.948	0.000	0	126878	250.0	250.0	
54 2-Butanone (MEK)	72	2.984	2.984	0.000	97	20004	100.0	109.5	
55 1,1-Dichloropropene	75	2.991	2.991	0.000	95	55106	20.0	20.5	
56 Isooctane	57	3.077	3.077	0.000	98	55231	20.0	21.3	
57 n-Heptane	57	3.170	3.170	0.000	40	14325	20.0	26.1	a
58 Benzene	78	3.178	3.178	0.000	95	164222	20.0	20.4	
59 Propionitrile	54	3.199	3.199	0.000	99	38681	200.0	229.4	
60 Methacrylonitrile	67	3.213	3.213	0.000	89	133071	200.0	205.8	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.278	3.278	0.000	0	99647	50.0	47.1	
62 Tert-amyl methyl ether	73	3.285	3.285	0.000	99	104471	20.0	19.3	
63 1,2-Dichloroethane	62	3.335	3.335	0.000	97	49049	20.0	18.7	
64 Isobutyl alcohol	43	3.414	3.414	0.000	98	20450	500.0	431.2	
65 t-Amyl alcohol	59	3.478	3.486	-0.008	90	15579	200.0	162.7	
* 66 Fluorobenzene	96	3.521	3.521	0.000	100	420812	50.0	50.0	
67 Isopropyl acetate	43	3.586	3.586	0.000	99	51830	20.0	17.9	
68 Methylcyclohexane	83	3.643	3.643	0.000	91	44719	20.0	21.7	
69 Trichloroethene	130	3.665	3.665	0.000	95	50392	20.0	20.1	
70 2-ethoxy-2-methyl butane	59	3.908	3.908	0.000	98	85057	20.0	19.3	
71 Dibromomethane	93	4.030	4.030	0.000	91	26393	20.0	21.2	
72 n-Butanol	56	4.044	4.052	-0.008	87	12930	500.0	450.7	
73 1,2-Dichloropropane	63	4.123	4.116	0.007	91	38367	20.0	20.6	
75 Dichlorobromomethane	83	4.202	4.202	0.000	97	48981	20.0	18.5	
74 Ethyl acrylate	55	4.202	4.202	0.000	97	36964	20.0	18.7	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	16205	1000.0	1000.0	
77 Methyl methacrylate	100	4.395	4.395	0.000	83	21027	40.0	40.2	
78 1,4-Dioxane	88	4.410	4.410	0.000	94	7447	400.0	394.0	
79 n-Propyl acetate	43	4.553	4.553	0.000	97	35337	20.0	18.7	
80 2-Chloroethyl vinyl ether	63	4.818	4.811	0.007	94	21605	20.0	20.2	
81 cis-1,3-Dichloropropene	75	4.839	4.839	0.000	91	56011	20.0	17.9	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.040	0.000	99	421059	50.0	50.9	
83 Toluene	91	5.097	5.090	0.007	93	191543	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Epichlorohydrin	57	5.119	5.119	0.000	99	49469	400.0	432.9	
85 2-Nitropropane	41	5.341	5.348	-0.007	98	9252	40.0	21.0	
86 Tetrachloroethene	166	5.520	5.520	0.000	98	51082	20.0	20.7	
87 4-Methyl-2-pentanone (MIBK)	43	5.563	5.556	0.007	95	127107	100.0	104.8	
88 trans-1,3-Dichloropropene	75	5.592	5.592	0.000	96	49904	20.0	18.0	
89 1,1,2-Trichloroethane	83	5.763	5.763	0.000	95	29589	20.0	21.4	
90 Ethyl methacrylate	69	5.849	5.849	0.000	86	42965	20.0	19.3	
91 Chlorodibromomethane	129	5.964	5.964	0.000	97	39045	20.0	17.4	
92 1,3-Dichloropropane	76	6.071	6.071	0.000	91	59526	20.0	21.5	
93 Ethylene Dibromide	107	6.200	6.208	-0.008	99	38771	20.0	21.6	
94 n-Butyl acetate	43	6.559	6.559	0.000	97	37189	20.0	16.8	
95 2-Hexanone	43	6.616	6.616	0.000	93	86718	100.0	104.4	
* 96 Chlorobenzene-d5	117	6.895	6.895	0.000	83	350906	50.0	50.0	
97 Chlorobenzene	112	6.917	6.917	0.000	98	133245	20.0	20.7	
98 Ethylbenzene	106	7.003	7.003	0.000	97	68230	20.0	20.0	
99 1,1,1,2-Tetrachloroethane	131	7.024	7.024	0.000	92	42949	20.0	18.4	
100 m-Xylene & p-Xylene	106	7.218	7.218	0.000	0	84414	20.0	20.3	
101 o-Xylene	106	7.805	7.805	0.000	95	80827	20.0	20.4	
102 Bromoform	173	7.862	7.862	0.000	95	22537	20.0	17.4	
103 Styrene	104	7.891	7.891	0.000	98	132992	20.0	20.2	
104 n-Butyl acrylate	73	8.220	8.220	0.000	98	23552	20.0	18.2	
105 Isopropylbenzene	105	8.285	8.285	0.000	94	193525	20.0	20.8	
106 Amyl acetate (mixed isomer)	43	8.636	8.636	0.000	92	46265	20.0	16.6	
\$ 107 4-Bromofluorobenzene	174	8.657	8.657	0.000	97	147878	50.0	49.2	
108 Bromobenzene	156	8.765	8.765	0.000	87	60550	20.0	20.2	
109 N-Propylbenzene	91	8.922	8.922	0.000	100	207431	20.0	21.1	
110 1,1,2,2-Tetrachloroethane	83	9.066	9.066	0.000	97	42174	20.0	20.3	
111 2-Chlorotoluene	91	9.094	9.087	0.007	97	153775	20.0	20.2	
112 4-Ethyltoluene	105	9.109	9.109	0.000	98	189048	20.0	20.7	
113 1,2,3-Trichloropropane	110	9.195	9.195	0.000	95	14332	20.0	20.7	
114 1,3,5-Trimethylbenzene	105	9.266	9.266	0.000	94	155957	20.0	20.5	
115 trans-1,4-Dichloro-2-buten	53	9.331	9.331	0.000	81	7938	20.0	15.4	
116 4-Chlorotoluene	91	9.359	9.359	0.000	96	142730	20.0	20.9	
117 tert-Butylbenzene	119	9.732	9.732	0.000	97	127688	20.0	20.7	
118 1,2,4-Trimethylbenzene	105	9.861	9.861	0.000	96	163514	20.0	20.0	
119 Butyl Methacrylate	87	9.868	9.868	0.000	87	51197	20.0	18.3	
120 sec-Butylbenzene	105	10.025	10.018	0.007	99	167575	20.0	21.2	
121 1,3-Dichlorobenzene	146	10.283	10.276	0.007	98	108462	20.0	20.9	
122 4-Isopropyltoluene	119	10.298	10.298	0.000	98	150688	20.0	20.1	
* 123 1,4-Dichlorobenzene-d4	152	10.419	10.412	0.007	93	203879	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.434	10.434	0.000	96	113280	20.0	19.8	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	97	171119	20.0	20.1	
126 2,3-Dihydroindene	117	10.720	10.713	0.007	94	185459	20.0	20.7	
127 Benzyl chloride	126	10.892	10.892	0.000	98	9862	20.0	10.6	
128 p-Diethylbenzene	119	10.914	10.914	0.000	95	78428	20.0	20.0	
129 n-Butylbenzene	91	10.992	10.993	0.000	97	116047	20.0	20.4	
130 1,2-Dichlorobenzene	146	11.100	11.100	0.000	98	107411	20.0	20.7	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	97	145778	20.0	20.7	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	89	7986	20.0	15.6	
133 1,3,5-Trichlorobenzene	180	12.246	12.246	0.000	97	64315	20.0	20.4	
134 1,2,4-Trichlorobenzene	180	12.934	12.934	0.000	94	60901	20.0	20.4	
135 Hexachlorobutadiene	225	12.955	12.948	0.007	93	20491	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
136 Naphthalene	128	13.235	13.235	0.000	99	142084	20.0	20.6	
137 1,2,3-Trichlorobenzene	180	13.406	13.406	0.000	96	55727	20.0	20.3	
S 138 1,2-Dichloroethene, Total	100				0		40.0	42.5	
S 139 1,3-Dichloropropene, Total	100				0		40.0	35.9	
S 140 Xylenes, Total	100				0		40.0	40.7	
S 142 Total BTEX	1				0		100.0	101.4	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00336	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 20.00	Units: uL	
ACROLEIN W_00096	Amount Added: 4.00	Units: uL	
524freon_00013	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66992.D

Injection Date: 08-Oct-2019 11:03:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: LCSD

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

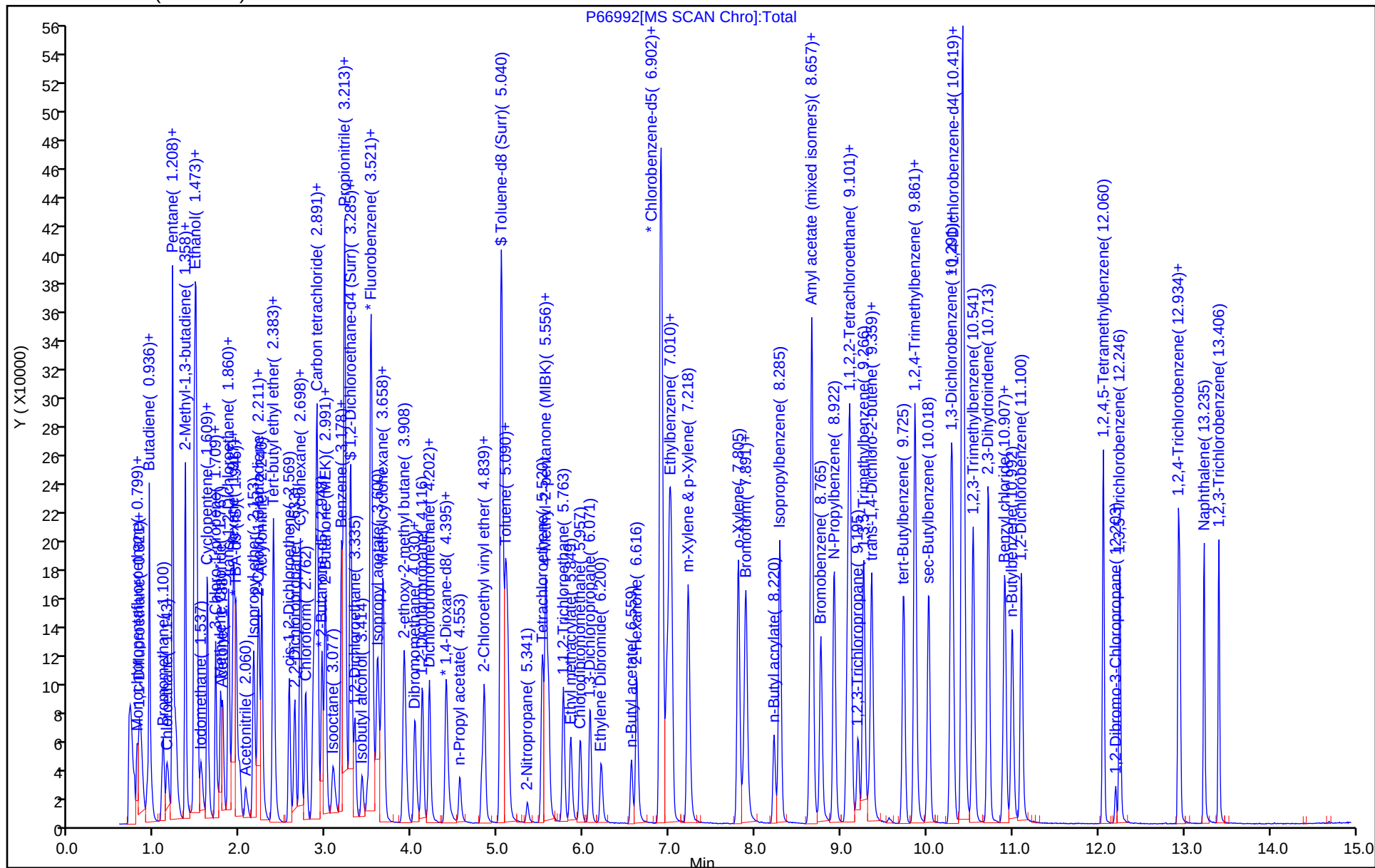
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98932.b\P66992.D

Injection Date: 08-Oct-2019 11:03:30

Instrument ID: CVOAMS13

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

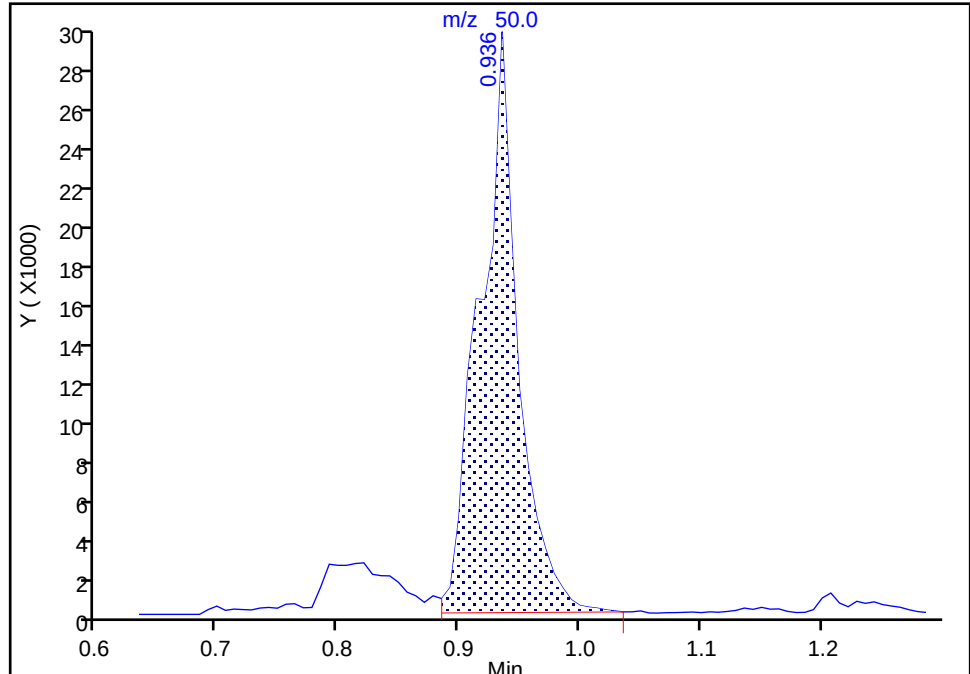
Detector: MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

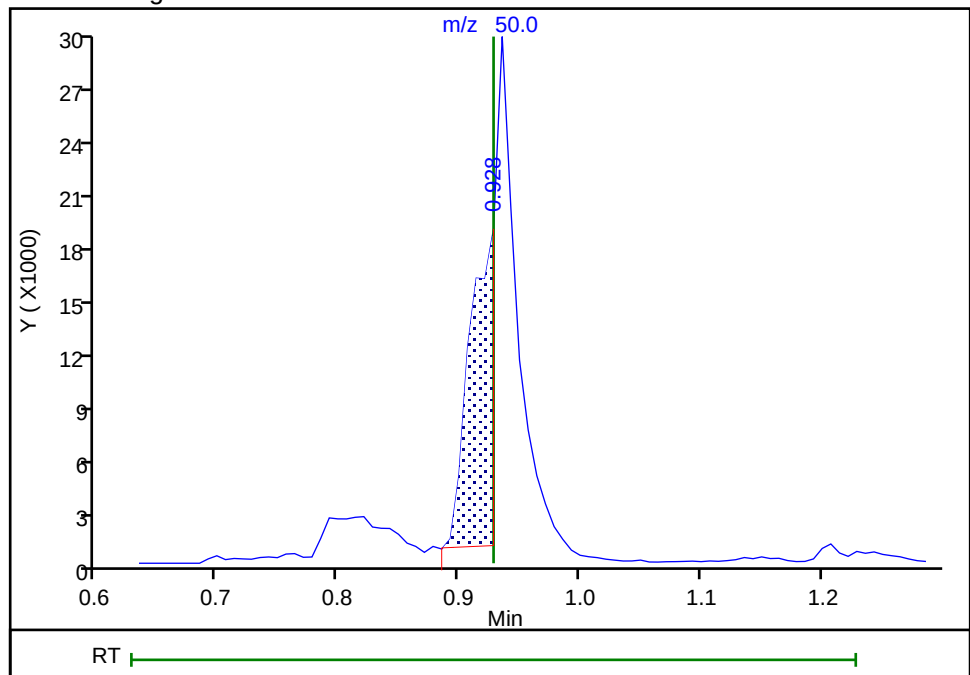
RT: 0.94
Area: 64296
Amount: 38.972215
Amount Units: ug/l

Processing Integration Results



RT: 0.93
Area: 27165
Amount: 16.465724
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 08-Oct-2019 11:51:16

Audit Action: Manually Integrated

Audit Reason: Shouldering

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-645557/4
 Matrix: Water Lab File ID: P67020.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2019 00:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	91.9		50	4.4
75-05-8	Acetonitrile	168		10	5.0
71-43-2	Benzene	20.2		1.0	0.20
100-44-7	Benzyl chloride	10.8		10	0.34
75-27-4	Bromodichloromethane	18.4	J	50	0.34
75-25-2	Bromoform	16.7		5.0	0.54
74-83-9	Bromomethane	22.4		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	98.6		5.0	1.3
75-15-0	Carbon disulfide	16.8	J	60	0.82
56-23-5	Carbon tetrachloride	16.6		5.0	0.21
108-90-7	Chlorobenzene	20.1		5.0	0.38
75-00-3	Chloroethane	21.2		5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20.1		20	0.43
67-66-3	Chloroform	19.8		7.0	0.33
74-87-3	Chloromethane	34.3		5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	18.0		1.0	0.22
124-48-1	Dibromochloromethane	17.8	J	50	0.28
74-95-3	Dibromomethane	20.4		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	14.7		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.6		3.0	0.43
541-73-1	1,3-Dichlorobenzene	20.4		3.0	0.34
106-46-7	1,4-Dichlorobenzene	19.5		3.0	0.33
75-71-8	Dichlorodifluoromethane	18.0		5.0	0.31
75-34-3	1,1-Dichloroethane	19.7		5.0	0.26
107-06-2	1,2-Dichloroethane	17.9		1.0	0.43
75-35-4	1,1-Dichloroethene	18.8		5.0	0.26
540-59-0	1,2-Dichloroethene, Total	41.0		2.0	0.44
78-87-5	1,2-Dichloropropane	20.5		1.0	0.35
100-41-4	Ethylbenzene	19.3		5.0	0.30
78-93-3	2-Butanone (MEK)	102		50	1.9
75-09-2	Methylene Chloride	20.5		5.0	0.32
80-62-6	Methyl methacrylate	38.1	J	50	0.97
179601-23-1	m&p-Xylene	18.9		10	0.30
95-47-6	o-Xylene	19.6		5.0	0.36
100-42-5	Styrene	19.4		5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	18.3		5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-645557/4
 Matrix: Water Lab File ID: P67020.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2019 00:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	20.2		5.0	0.37
127-18-4	Tetrachloroethene	19.3		5.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.2		5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.7		1.0	0.49
71-55-6	1,1,1-Trichloroethane	18.0		5.0	0.24
79-00-5	1,1,2-Trichloroethane	21.4		1.0	0.43
79-01-6	Trichloroethene	19.2		5.0	0.31
96-18-4	1,2,3-Trichloropropane	20.2		1.0	0.66
108-88-3	Toluene	19.4		5.0	0.38
108-05-4	Vinyl acetate	36.9		5.0	0.83
75-01-4	Vinyl chloride	20.6		2.0	0.17
1330-20-7	Xylenes, Total	38.6		15	0.65
591-78-6	2-Hexanone	99.4		50	1.1
156-59-2	cis-1,2-Dichloroethene	20.8		5.0	0.22
106-93-4	1,2-Dibromoethane	20.9		5.0	0.50
97-63-2	Ethyl methacrylate	18.3		5.0	0.26
74-88-4	Iodomethane	13.3		5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	14.8		5.0	0.34
126-98-7	Methacrylonitrile	200		5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		74-132
460-00-4	4-Bromofluorobenzene	99		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67020.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 09-Oct-2019 00:13:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0098968-004
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Oct-2019 19:32:41 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0328

First Level Reviewer: parekhv

Date: 09-Oct-2019 01:51:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.771	0.771	0.000	68	5239	20.0	42.9	
2 Chlorotrifluoroethene	116	0.792	0.792	0.000	89	16760	20.0	21.1	
3 Dichlorodifluoromethane	85	0.814	0.807	0.007	98	47279	20.0	18.0	M
4 1,1-Difluoroethane	65	0.871	0.871	0.000	95	19620	20.0	21.8	
5 Chlorodifluoromethane	67	0.885	0.893	-0.008	96	7496	20.0	18.4	a
6 Chloromethane	50	0.950	0.950	0.000	61	56344	20.0	34.3	
8 Butadiene	54	0.950	0.950	0.000	94	34555	20.0	20.6	
7 Vinyl chloride	62	0.971	0.971	0.000	96	44854	20.0	20.6	M
9 Bromomethane	94	1.129	1.129	0.000	97	42557	20.0	22.4	
10 Chloroethane	64	1.150	1.151	0.000	99	36887	20.0	21.2	
11 Pentane	72	1.222	1.222	0.000	97	14679	40.0	47.3	
12 Trichlorofluoromethane	101	1.222	1.222	0.000	86	75364	20.0	20.7	
13 Dichlorofluoromethane	67	1.244	1.244	0.000	97	72029	20.0	19.1	
14 2-Methyl-1,3-butadiene	67	1.372	1.373	-0.001	96	54504	20.0	20.5	
15 Ethyl ether	59	1.372	1.373	-0.001	94	33612	20.0	20.1	
16 Ethanol	46	1.444	1.444	0.000	99	6578	800.0	956.7	M
18 1,2-Dichloro-1,1,2-trifluo	67	1.473	1.473	0.000	76	55201	20.0	18.5	
17 1,1-Dichloroethene	96	1.473	1.473	0.000	95	41636	20.0	18.8	
19 Carbon disulfide	76	1.487	1.494	-0.007	100	120145	20.0	16.8	
20 1,1,2-Trichloro-1,2,2-trif	101	1.494	1.494	0.000	85	40500	20.0	19.8	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.509	1.509	0.000	91	62968	20.0	19.4	a
22 Iodomethane	142	1.544	1.544	0.000	98	58917	20.0	13.3	
23 Cyclopentene	67	1.623	1.623	0.000	96	90157	20.0	19.2	
24 Acrolein	56	1.645	1.645	0.000	94	10304	40.0	91.7	
25 3-Chloro-1-propene	76	1.723	1.724	-0.001	88	25435	20.0	19.3	
26 Isopropyl alcohol	45	1.745	1.752	-0.007	97	17100	200.0	187.9	
27 Methylene Chloride	84	1.774	1.781	-0.007	87	51048	20.0	20.5	
28 Acetone	43	1.802	1.802	0.000	88	36157	100.0	91.9	
29 trans-1,2-Dichloroethene	96	1.874	1.874	0.000	91	49231	20.0	20.2	
30 Methyl acetate	43	1.874	1.874	0.000	98	39485	40.0	47.8	
31 Hexane	86	1.931	1.931	0.000	74	7418	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.931	1.931	0.000	96	122046	20.0	19.2	
* 33 TBA-d9 (IS)	65	1.960	1.960	0.000	0	133927	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.003	2.003	0.000	93	23745	200.0	177.5	a
35 Acetonitrile	41	2.067	2.067	0.000	97	20539	200.0	167.6	
36 Isopropyl ether	45	2.168	2.168	0.000	94	106188	20.0	19.9	
37 2-Chloro-1,3-butadiene	88	2.218	2.218	0.000	84	35671	20.0	19.9	
38 1,1-Dichloroethane	63	2.232	2.232	0.000	99	64912	20.0	19.7	
39 Acrylonitrile	53	2.254	2.254	0.000	92	110411	200.0	218.0	
40 Tert-butyl ethyl ether	59	2.397	2.397	0.000	91	106385	20.0	18.9	
41 Vinyl acetate	43	2.397	2.397	0.000	99	127988	40.0	36.9	
42 cis-1,2-Dichloroethene	96	2.576	2.576	0.000	96	46065	20.0	20.8	
43 2,2-Dichloropropane	77	2.647	2.640	0.007	95	48695	20.0	17.9	
45 Chlorobromomethane	128	2.705	2.705	0.000	79	24738	20.0	19.6	
44 Cyclohexane	56	2.705	2.712	-0.007	84	44571	20.0	20.4	
46 Chloroform	83	2.769	2.769	0.000	99	69046	20.0	19.8	
47 Carbon tetrachloride	117	2.855	2.855	0.000	98	46679	20.0	16.6	
48 Ethyl acetate	70	2.870	2.870	0.000	97	6825	40.0	40.9	
49 Methyl acrylate	55	2.877	2.877	0.000	54	24707	20.0	18.5	
50 Tetrahydrofuran	42	2.877	2.877	0.000	45	19661	40.0	36.4	
\$ 51 Dibromofluoromethane (Surr	113	2.898	2.898	0.000	97	106794	50.0	50.0	
52 1,1,1-Trichloroethane	97	2.905	2.905	0.000	96	57304	20.0	18.0	
* 53 2-Butanone-d5	46	2.955	2.956	-0.001	0	129386	250.0	250.0	
54 2-Butanone (MEK)	72	2.998	2.999	-0.001	97	19059	100.0	102.3	
55 1,1-Dichloropropene	75	3.006	3.006	0.000	98	51544	20.0	19.3	
56 Isooctane	57	3.092	3.092	0.000	97	65298	20.0	25.3	
57 n-Heptane	57	3.170	3.178	-0.008	41	14794	20.0	27.1	M
58 Benzene	78	3.192	3.192	0.000	97	161921	20.0	20.2	
59 Propionitrile	54	3.206	3.206	0.000	98	35389	200.0	222.6	
60 Methacrylonitrile	67	3.221	3.228	-0.007	89	128946	200.0	200.5	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.285	0.000	0	98420	50.0	46.8	
62 Tert-amyl methyl ether	73	3.299	3.299	0.000	97	102567	20.0	19.1	
63 1,2-Dichloroethane	62	3.342	3.342	0.000	97	46695	20.0	17.9	
64 Isobutyl alcohol	43	3.428	3.421	0.007	96	18950	500.0	423.7	
65 t-Amyl alcohol	59	3.493	3.493	0.000	86	15268	200.0	169.1	
* 66 Fluorobenzene	96	3.536	3.536	0.000	99	418532	50.0	50.0	
67 Isopropyl acetate	43	3.600	3.600	0.000	99	50261	20.0	17.4	
68 Methylcyclohexane	83	3.657	3.658	-0.001	76	41544	20.0	20.3	
69 Trichloroethene	130	3.672	3.672	0.000	95	47810	20.0	19.2	
70 2-ethoxy-2-methyl butane	59	3.915	3.915	0.000	98	82925	20.0	18.9	
71 Dibromomethane	93	4.030	4.037	-0.007	93	25245	20.0	20.4	
72 n-Butanol	56	4.051	4.059	-0.008	87	12757	500.0	471.5	
73 1,2-Dichloropropane	63	4.130	4.130	0.000	90	37978	20.0	20.5	
75 Dichlorobromomethane	83	4.209	4.209	0.000	98	48305	20.0	18.4	
74 Ethyl acrylate	55	4.209	4.209	0.000	98	35356	20.0	18.0	
* 76 1,4-Dioxane-d8	96	4.402	4.395	0.007	0	16607	1000.0	1000.0	
77 Methyl methacrylate	100	4.410	4.410	0.000	82	19823	40.0	38.1	
78 1,4-Dioxane	88	4.431	4.424	0.007	90	7211	400.0	372.2	
79 n-Propyl acetate	43	4.560	4.567	-0.007	98	34342	20.0	18.2	
80 2-Chloroethyl vinyl ether	63	4.818	4.825	-0.007	93	21357	20.0	20.1	
81 cis-1,3-Dichloropropene	75	4.847	4.847	0.000	91	56001	20.0	18.0	
\$ 82 Toluene-d8 (Surr)	98	5.047	5.054	-0.007	99	412768	50.0	50.2	
83 Toluene	91	5.104	5.112	-0.008	93	181526	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Epichlorohydrin	57	5.126	5.126	0.000	99	47116	400.0	404.3	
85 2-Nitropropane	41	5.348	5.348	0.000	99	9615	40.0	22.0	
86 Tetrachloroethene	166	5.534	5.527	0.007	97	47424	20.0	19.3	
87 4-Methyl-2-pentanone (MIBK)	43	5.563	5.563	0.000	95	121945	100.0	98.6	
88 trans-1,3-Dichloropropene	75	5.599	5.599	0.000	97	48686	20.0	17.7	
89 1,1,2-Trichloroethane	83	5.771	5.771	0.000	95	29458	20.0	21.4	
90 Ethyl methacrylate	69	5.857	5.857	0.000	86	40447	20.0	18.3	
91 Chlorodibromomethane	129	5.964	5.964	0.000	97	39708	20.0	17.8	
92 1,3-Dichloropropane	76	6.079	6.079	0.000	91	58705	20.0	21.3	
93 Ethylene Dibromide	107	6.208	6.208	0.000	98	37136	20.0	20.9	
94 n-Butyl acetate	43	6.559	6.559	-0.001	97	32445	20.0	14.7	
95 2-Hexanone	43	6.623	6.623	0.000	91	84133	100.0	99.4	
* 96 Chlorobenzene-d5	117	6.902	6.902	0.000	83	348634	50.0	50.0	
97 Chlorobenzene	112	6.924	6.924	0.000	98	128662	20.0	20.1	
98 Ethylbenzene	106	7.010	7.010	0.000	97	65400	20.0	19.3	
99 1,1,1,2-Tetrachloroethane	131	7.031	7.031	0.000	93	42436	20.0	18.3	
100 m-Xylene & p-Xylene	106	7.232	7.225	0.007	0	78364	20.0	18.9	
101 o-Xylene	106	7.805	7.812	-0.007	96	77428	20.0	19.6	
102 Bromoform	173	7.869	7.869	0.000	95	21587	20.0	16.7	
103 Styrene	104	7.898	7.898	0.000	98	126603	20.0	19.4	
104 n-Butyl acrylate	73	8.227	8.228	-0.001	99	21843	20.0	17.0	
105 Isopropylbenzene	105	8.292	8.292	0.000	95	179237	20.0	19.4	
106 Amyl acetate (mixed isomer)	43	8.636	8.636	0.000	94	43127	20.0	16.0	
\$ 107 4-Bromofluorobenzene	174	8.664	8.665	-0.001	97	147749	50.0	49.4	
108 Bromobenzene	156	8.772	8.772	0.000	88	59533	20.0	20.5	
109 N-Propylbenzene	91	8.922	8.922	0.000	100	193567	20.0	20.3	
110 1,1,2,2-Tetrachloroethane	83	9.066	9.073	-0.007	97	40504	20.0	20.2	
111 2-Chlorotoluene	91	9.094	9.094	0.000	98	144381	20.0	19.6	
112 4-Ethyltoluene	105	9.109	9.116	-0.007	98	178378	20.0	20.2	
113 1,2,3-Trichloropropane	110	9.202	9.202	0.000	96	13568	20.0	20.2	
114 1,3,5-Trimethylbenzene	105	9.266	9.266	0.000	94	146480	20.0	19.9	
115 trans-1,4-Dichloro-2-buten	53	9.331	9.338	-0.007	81	7399	20.0	14.8	
116 4-Chlorotoluene	91	9.359	9.367	-0.007	95	133728	20.0	20.2	
117 tert-Butylbenzene	119	9.732	9.732	0.000	97	118697	20.0	19.9	
118 1,2,4-Trimethylbenzene	105	9.861	9.861	0.000	97	154783	20.0	19.6	
119 Butyl Methacrylate	87	9.868	9.868	0.000	88	47661	20.0	17.7	
120 sec-Butylbenzene	105	10.025	10.026	-0.001	99	154485	20.0	20.2	
121 1,3-Dichlorobenzene	146	10.283	10.283	0.000	98	102266	20.0	20.4	
122 4-Isopropyltoluene	119	10.298	10.305	-0.007	98	141204	20.0	19.5	
* 123 1,4-Dichlorobenzene-d4	152	10.419	10.419	0.000	93	197184	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.441	10.441	0.000	96	108221	20.0	19.5	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	97	166132	20.0	20.2	
126 2,3-Dihydroindene	117	10.720	10.720	0.000	94	179260	20.0	20.7	
127 Benzyl chloride	126	10.892	10.899	-0.007	98	9677	20.0	10.8	
128 p-Diethylbenzene	119	10.906	10.914	-0.008	95	74585	20.0	19.7	
129 n-Butylbenzene	91	10.992	11.000	-0.008	97	109004	20.0	19.8	
130 1,2-Dichlorobenzene	146	11.107	11.107	0.000	98	103460	20.0	20.6	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	98	139004	20.0	20.4	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	91	7265	20.0	14.7	
133 1,3,5-Trichlorobenzene	180	12.246	12.253	-0.007	97	63200	20.0	20.7	
134 1,2,4-Trichlorobenzene	180	12.934	12.934	0.000	94	58594	20.0	20.3	
135 Hexachlorobutadiene	225	12.955	12.948	0.007	95	19562	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
136 Naphthalene	128	13.234	13.235	-0.001	99	133860	20.0	20.0	
137 1,2,3-Trichlorobenzene	180	13.406	13.406	0.000	96	53295	20.0	20.1	
S 138 1,2-Dichloroethene, Total	100				0		40.0	41.0	
S 139 1,3-Dichloropropene, Total	100				0		40.0	35.7	
S 140 Xylenes, Total	100				0		40.0	38.6	
S 142 Total BTEX	1				0		100.0	97.5	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00336	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 20.00	Units: uL	
ACROLEIN W_00096	Amount Added: 4.00	Units: uL	
524freon_00013	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67020.D

Injection Date: 09-Oct-2019 00:13:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: LCSD

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

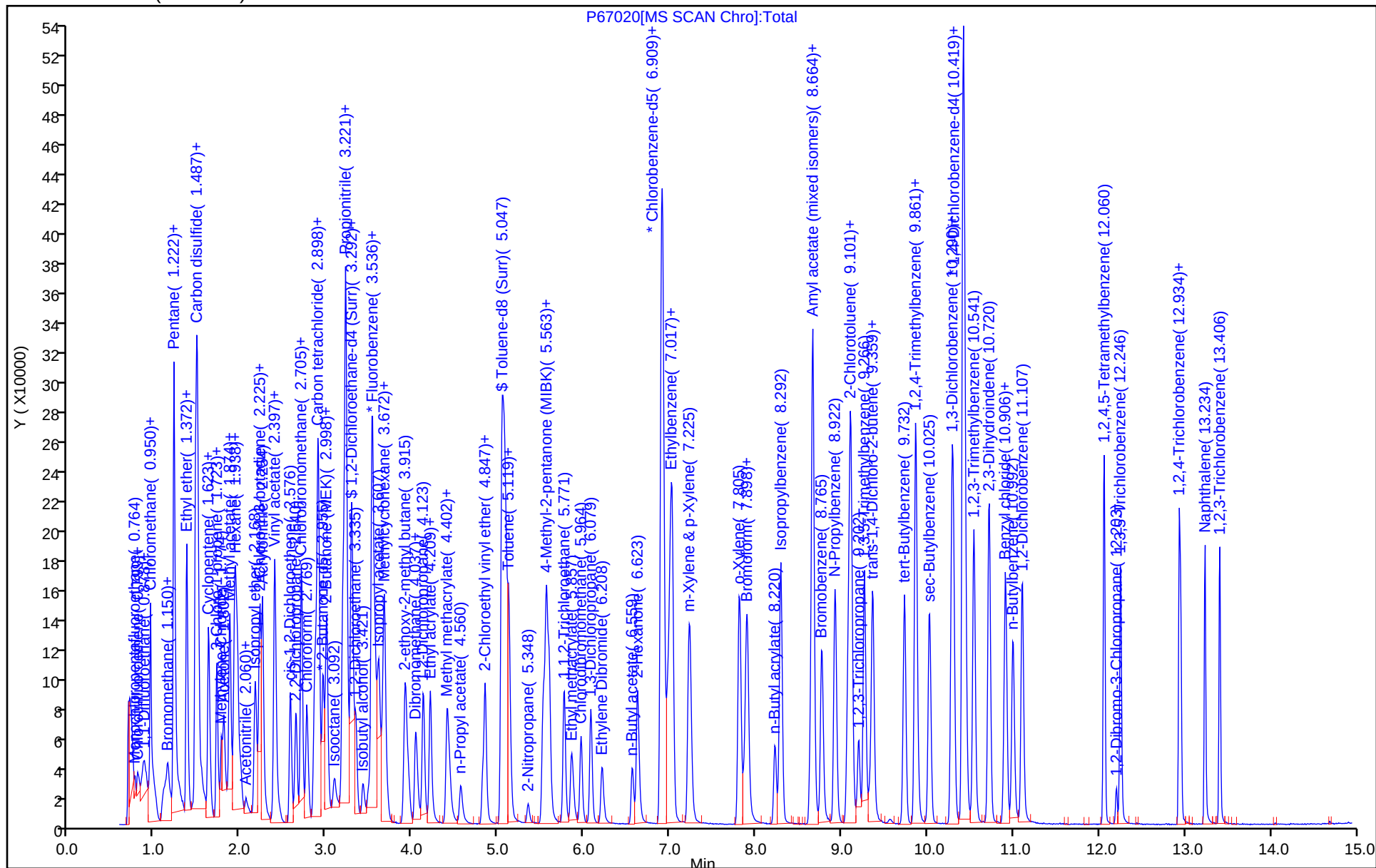
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67020.D

Injection Date: 09-Oct-2019 00:13:30

Instrument ID: CVOAMS13

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

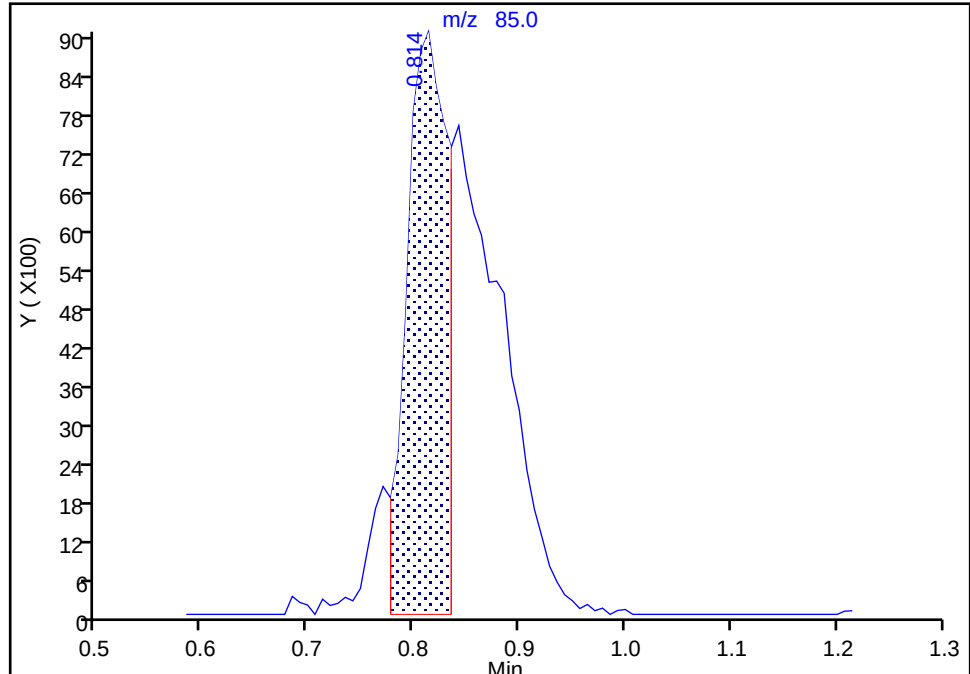
Detector: MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

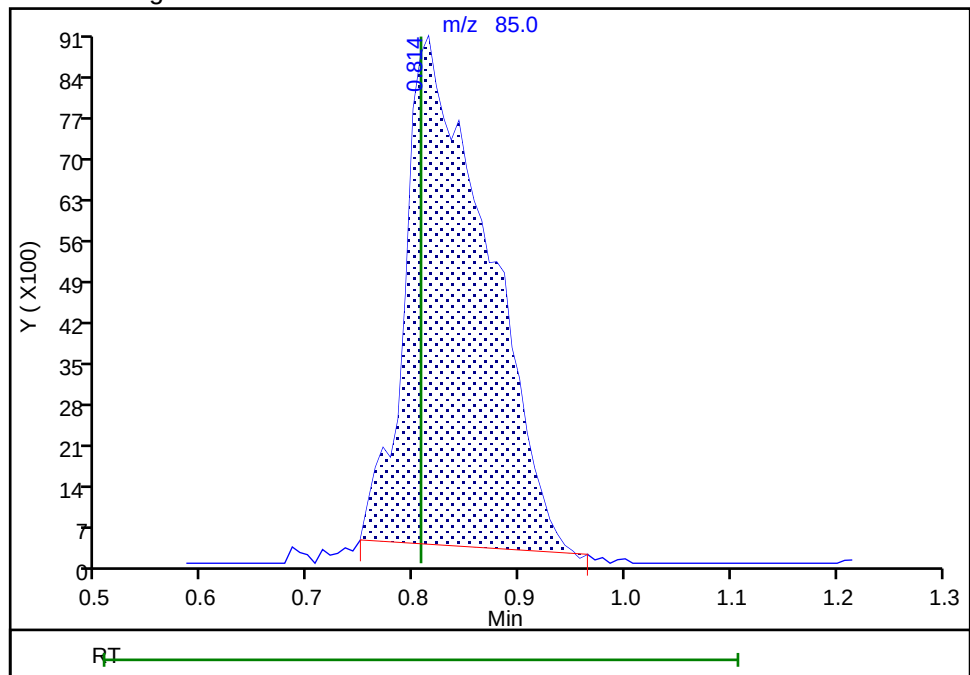
RT: 0.81
Area: 24794
Amount: 9.446922
Amount Units: ug/l

Processing Integration Results



RT: 0.81
Area: 47279
Amount: 18.014078
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 09-Oct-2019 01:51:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191008-98968.b\P67020.D

Injection Date: 09-Oct-2019 00:13:30

Instrument ID: CVOAMS13

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

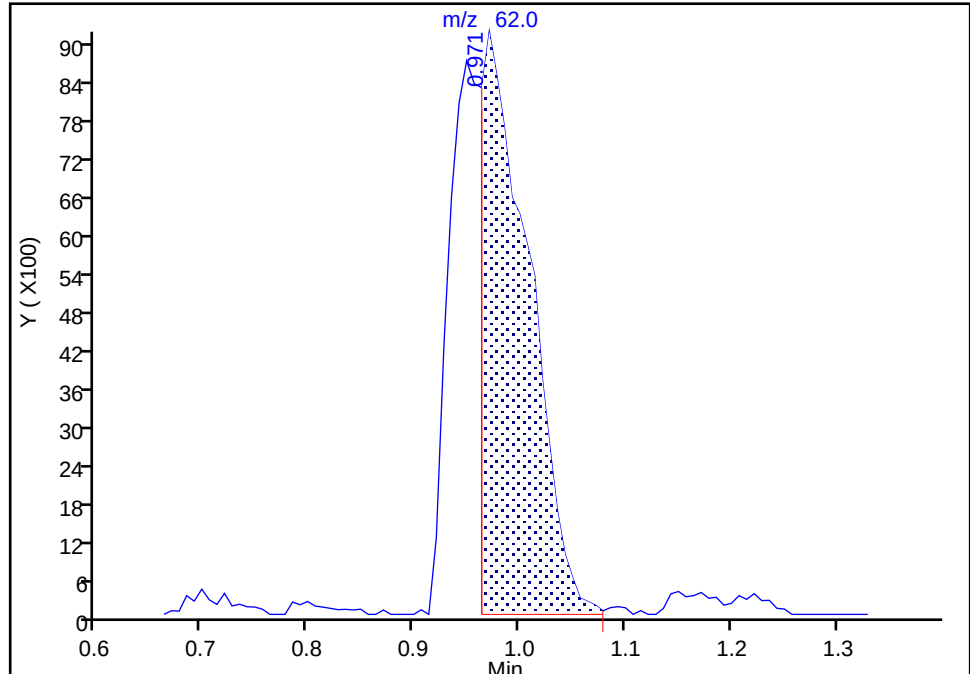
Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

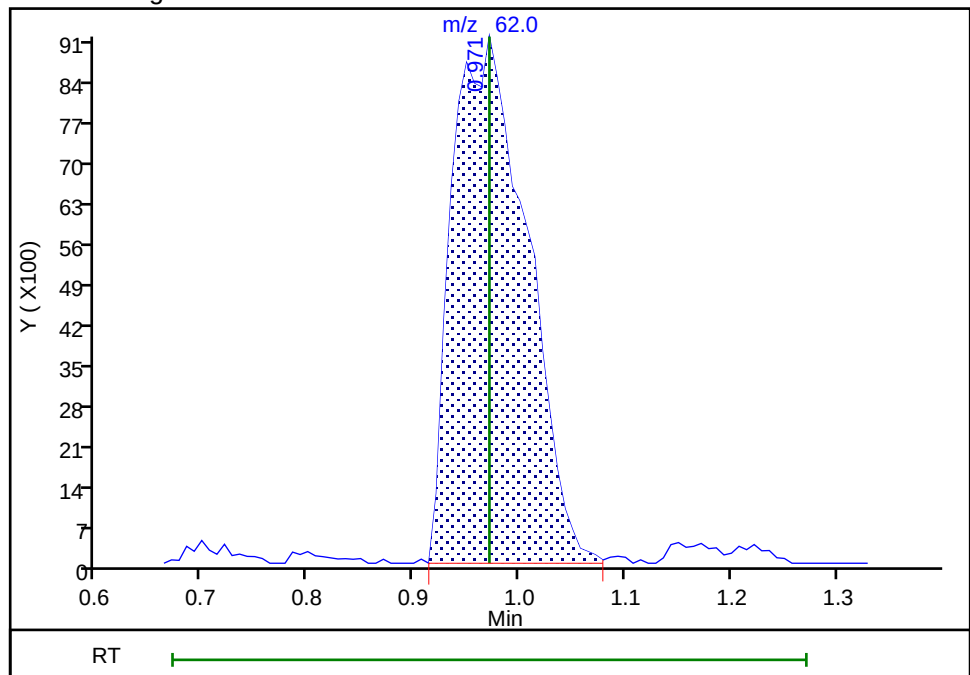
RT: 0.97
Area: 28981
Amount: 13.339034
Amount Units: ug/l

Processing Integration Results



RT: 0.97
Area: 44854
Amount: 20.644871
Amount Units: ug/l

Manual Integration Results



Reviewer: martineze, 09-Oct-2019 09:22:44

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-645726/6
 Matrix: Water Lab File ID: P67042.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2019 14:35
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645726 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	88.1		50	4.4
75-05-8	Acetonitrile	287		10	5.0
71-43-2	Benzene	24.9		1.0	0.20
100-44-7	Benzyl chloride	10.7		10	0.34
75-27-4	Bromodichloromethane	16.1	J	50	0.34
75-25-2	Bromoform	15.6		5.0	0.54
74-83-9	Bromomethane	20.7		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	82.1		5.0	1.3
75-15-0	Carbon disulfide	16.0	J	60	0.82
56-23-5	Carbon tetrachloride	20.1		5.0	0.21
108-90-7	Chlorobenzene	21.3		5.0	0.38
75-00-3	Chloroethane	22.3		5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	16.9	J	20	0.43
67-66-3	Chloroform	22.1		7.0	0.33
74-87-3	Chloromethane	20.3		5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	17.8		1.0	0.22
124-48-1	Dibromochloromethane	16.9	J	50	0.28
74-95-3	Dibromomethane	18.1		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	14.0		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.7		3.0	0.43
541-73-1	1,3-Dichlorobenzene	21.2		3.0	0.34
106-46-7	1,4-Dichlorobenzene	20.0		3.0	0.33
75-71-8	Dichlorodifluoromethane	21.4		5.0	0.31
75-34-3	1,1-Dichloroethane	21.9		5.0	0.26
107-06-2	1,2-Dichloroethane	19.4		1.0	0.43
75-35-4	1,1-Dichloroethene	18.2		5.0	0.26
540-59-0	1,2-Dichloroethene, Total	41.3		2.0	0.44
78-87-5	1,2-Dichloropropane	18.5		1.0	0.35
100-41-4	Ethylbenzene	20.7		5.0	0.30
78-93-3	2-Butanone (MEK)	102		50	1.9
75-09-2	Methylene Chloride	18.3		5.0	0.32
80-62-6	Methyl methacrylate	33.8	J	50	0.97
179601-23-1	m&p-Xylene	20.7		10	0.30
95-47-6	o-Xylene	20.7		5.0	0.36
100-42-5	Styrene	20.2		5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	18.4		5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-645726/6
 Matrix: Water Lab File ID: P67042.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2019 14:35
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 645726 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	19.1		5.0	0.37
127-18-4	Tetrachloroethene	21.2		5.0	0.25
156-60-5	trans-1,2-Dichloroethene	18.8		5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.3		1.0	0.49
71-55-6	1,1,1-Trichloroethane	20.9		5.0	0.24
79-00-5	1,1,2-Trichloroethane	20.9		1.0	0.43
79-01-6	Trichloroethene	21.1		5.0	0.31
96-18-4	1,2,3-Trichloropropane	19.7		1.0	0.66
108-88-3	Toluene	20.9		5.0	0.38
108-05-4	Vinyl acetate	40.9		5.0	0.83
75-01-4	Vinyl chloride	20.2		2.0	0.17
1330-20-7	Xylenes, Total	41.5		15	0.65
591-78-6	2-Hexanone	83.5		50	1.1
156-59-2	cis-1,2-Dichloroethene	22.4		5.0	0.22
106-93-4	1,2-Dibromoethane	20.7		5.0	0.50
97-63-2	Ethyl methacrylate	16.3		5.0	0.26
74-88-4	Iodomethane	11.2		5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	13.5		5.0	0.34
126-98-7	Methacrylonitrile	210		5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	99		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		72-131

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67042.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 09-Oct-2019 14:35:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0099009-006
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Oct-2019 12:06:41 Calib Date: 25-Sep-2019 14:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20190925-98145.b\P66305.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0337

First Level Reviewer: xuyvo

Date: 10-Oct-2019 12:07:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.756	0.785	-0.029	56	3904	20.0	29.1	
2 Chlorotrifluoroethene	116	0.792	0.799	-0.007	85	17005	20.0	19.5	
3 Dichlorodifluoromethane	85	0.807	0.807	-0.001	99	61729	20.0	21.4	
4 1,1-Difluoroethane	65	0.821	0.871	-0.050	97	20536	20.0	20.8	
5 Chlorodifluoromethane	67	0.835	0.893	-0.057	97	7789	20.0	17.4	a
6 Chloromethane	50	0.907	0.950	-0.043	98	36528	20.0	20.3	
8 Butadiene	54	0.935	0.950	-0.015	95	45088	20.0	24.5	
7 Vinyl chloride	62	0.935	0.971	-0.036	78	48270	20.0	20.2	
9 Bromomethane	94	1.086	1.129	-0.043	99	43801	20.0	20.7	
10 Chloroethane	64	1.143	1.150	-0.007	100	42492	20.0	22.3	
11 Pentane	72	1.208	1.222	-0.014	96	17060	40.0	58.4	
12 Trichlorofluoromethane	101	1.215	1.222	-0.007	98	80859	20.0	20.2	
13 Dichlorofluoromethane	67	1.243	1.243	0.000	99	74587	20.0	18.0	
14 2-Methyl-1,3-butadiene	67	1.358	1.372	-0.014	96	60284	20.0	20.6	
15 Ethyl ether	59	1.358	1.372	-0.014	93	32523	20.0	17.7	
16 Ethanol	46	1.437	1.451	-0.014	99	6130	800.0	946.7	
18 1,2-Dichloro-1,1,2-trifluo	67	1.466	1.473	-0.007	77	59545	20.0	18.1	
17 1,1-Dichloroethene	96	1.466	1.473	-0.007	96	44117	20.0	18.2	
19 Carbon disulfide	76	1.480	1.494	-0.014	100	125668	20.0	16.0	
20 1,1,2-Trichloro-1,2,2-trif	101	1.480	1.494	-0.014	87	50372	20.0	22.4	
21 1,1,1-Trifluoro-2,2-dichlo	83	1.494	1.509	-0.015	91	67034	20.0	18.8	a
22 Iodomethane	142	1.537	1.552	-0.015	98	54715	20.0	11.2	
23 Cyclopentene	67	1.616	1.623	-0.007	96	109072	20.0	21.2	
24 Acrolein	56	1.630	1.645	-0.015	94	4988	40.0	46.5	
25 3-Chloro-1-propene	76	1.709	1.723	-0.014	87	25746	20.0	17.8	
26 Isopropyl alcohol	45	1.738	1.745	-0.007	97	15774	200.0	184.1	
27 Methylene Chloride	84	1.774	1.781	-0.007	88	50045	20.0	18.3	
28 Acetone	43	1.795	1.802	-0.007	87	38600	100.0	88.1	
29 trans-1,2-Dichloroethene	96	1.867	1.874	-0.007	92	50480	20.0	18.8	
30 Methyl acetate	43	1.867	1.881	-0.014	98	37837	40.0	48.6	
31 Hexane	86	1.910	1.924	-0.014	86	9523	20.0	24.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.924	1.938	-0.014	97	118149	20.0	16.9	
* 33 TBA-d9 (IS)	65	1.953	1.960	-0.007	0	126127	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.996	2.003	-0.007	98	26323	200.0	209.3	
35 Acetonitrile	41	2.060	2.067	-0.007	99	33121	200.0	287.0	
36 Isopropyl ether	45	2.160	2.175	-0.015	94	125754	20.0	21.5	
37 2-Chloro-1,3-butadiene	88	2.210	2.218	-0.008	88	44542	20.0	22.6	
38 1,1-Dichloroethane	63	2.225	2.232	-0.007	99	79040	20.0	21.9	
39 Acrylonitrile	53	2.246	2.253	-0.007	94	125943	200.0	226.5	
40 Tert-butyl ethyl ether	59	2.382	2.397	-0.015	90	125833	20.0	20.4	
41 Vinyl acetate	43	2.390	2.397	-0.007	99	155876	40.0	40.9	
42 cis-1,2-Dichloroethene	96	2.569	2.576	-0.007	95	54562	20.0	22.4	
43 2,2-Dichloropropane	77	2.633	2.647	-0.014	96	65954	20.0	22.1	
45 Chlorobromomethane	128	2.698	2.712	-0.014	84	29254	20.0	21.1	
44 Cyclohexane	56	2.698	2.712	-0.014	87	64831	20.0	27.0	
46 Chloroform	83	2.762	2.769	-0.007	99	84552	20.0	22.1	
47 Carbon tetrachloride	117	2.848	2.855	-0.007	98	62154	20.0	20.1	
48 Ethyl acetate	70	2.862	2.870	-0.008	98	8403	40.0	45.2	
49 Methyl acrylate	55	2.869	2.877	-0.008	81	28338	20.0	19.4	
50 Tetrahydrofuran	42	2.877	2.877	0.000	93	23501	40.0	39.0	
\$ 51 Dibromofluoromethane (Surr	113	2.891	2.898	-0.007	97	123068	50.0	52.5	
52 1,1,1-Trichloroethane	97	2.898	2.905	-0.007	96	73150	20.0	20.9	
* 53 2-Butanone-d5	46	2.955	2.963	-0.008	0	144085	250.0	250.0	
54 2-Butanone (MEK)	72	2.991	2.998	-0.007	90	21125	100.0	101.8	
55 1,1-Dichloropropene	75	2.991	3.006	-0.015	96	65466	20.0	22.3	
56 Isooctane	57	3.084	3.092	-0.008	98	81254	20.0	28.7	
57 n-Heptane	57	3.177	3.178	-0.001	44	20265	20.0	33.7	a
58 Benzene	78	3.177	3.192	-0.015	94	191902	20.0	24.9	
59 Propionitrile	54	3.199	3.206	-0.007	99	42478	200.0	283.7	
60 Methacrylonitrile	67	3.220	3.228	-0.008	90	148483	200.0	210.3	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	3.285	3.292	-0.007	0	114036	50.0	49.4	
62 Tert-amyl methyl ether	73	3.292	3.299	-0.007	99	117985	20.0	20.0	
63 1,2-Dichloroethane	62	3.342	3.342	0.000	97	55453	20.0	19.4	
64 Isobutyl alcohol	43	3.428	3.428	0.000	99	26861	500.0	637.8	
65 t-Amyl alcohol	59	3.493	3.493	0.000	95	19984	200.0	235.1	
* 66 Fluorobenzene	96	3.521	3.536	-0.015	100	459522	50.0	50.0	
67 Isopropyl acetate	43	3.593	3.600	-0.007	98	60079	20.0	19.0	
68 Methylcyclohexane	83	3.650	3.657	-0.007	90	59186	20.0	26.3	
69 Trichloroethene	130	3.665	3.672	-0.007	95	57782	20.0	21.1	
70 2-ethoxy-2-methyl butane	59	3.915	3.915	0.000	97	92505	20.0	19.2	
71 Dibromomethane	93	4.030	4.037	-0.007	93	24594	20.0	18.1	
72 n-Butanol	56	4.066	4.051	0.015	97	12050	500.0	472.9	
73 1,2-Dichloropropane	63	4.123	4.130	-0.007	91	37619	20.0	18.5	
75 Dichlorobromomethane	83	4.202	4.209	-0.007	98	46467	20.0	16.1	
74 Ethyl acrylate	55	4.209	4.209	0.000	98	32929	20.0	15.3	
* 76 1,4-Dioxane-d8	96	4.395	4.395	0.000	0	14192	1000.0	1000.0	
77 Methyl methacrylate	100	4.402	4.410	-0.008	82	19320	40.0	33.8	
78 1,4-Dioxane	88	4.424	4.424	0.000	88	6900	400.0	416.8	
79 n-Propyl acetate	43	4.560	4.560	0.000	97	32343	20.0	15.6	
80 2-Chloroethyl vinyl ether	63	4.818	4.825	-0.007	94	19717	20.0	16.9	
81 cis-1,3-Dichloropropene	75	4.846	4.847	0.000	91	53420	20.0	17.8	
\$ 82 Toluene-d8 (Surr)	98	5.040	5.061	-0.021	99	399047	50.0	50.3	
83 Toluene	91	5.097	5.112	-0.015	93	188149	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
84 Epichlorohydrin	57	5.126	5.126	0.000	99	44174	400.0	340.4	
85 2-Nitropropane	41	5.355	5.348	0.007	100	8991	40.0	18.7	
86 Tetrachloroethene	166	5.520	5.534	-0.014	98	50355	20.0	21.2	
87 4-Methyl-2-pentanone (MIBK)	43	5.563	5.570	-0.007	94	113108	100.0	82.1	
88 trans-1,3-Dichloropropene	75	5.591	5.599	-0.008	93	46047	20.0	17.3	
89 1,1,2-Trichloroethane	83	5.763	5.771	-0.008	95	27756	20.0	20.9	
90 Ethyl methacrylate	69	5.856	5.856	0.000	86	39569	20.0	16.3	
91 Chlorodibromomethane	129	5.964	5.964	0.000	97	36226	20.0	16.9	
92 1,3-Dichloropropane	76	6.079	6.079	-0.001	91	56105	20.0	21.1	
93 Ethylene Dibromide	107	6.207	6.207	0.000	100	35597	20.0	20.7	
94 n-Butyl acetate	43	6.558	6.558	0.000	98	33533	20.0	15.8	
95 2-Hexanone	43	6.623	6.623	0.000	92	78747	100.0	83.5	
* 96 Chlorobenzene-d5	117	6.895	6.909	-0.014	83	336468	50.0	50.0	
97 Chlorobenzene	112	6.917	6.924	-0.007	98	131578	20.0	21.3	
98 Ethylbenzene	106	7.003	7.017	-0.014	97	67788	20.0	20.7	
99 1,1,1,2-Tetrachloroethane	131	7.024	7.031	-0.007	93	41198	20.0	18.4	
100 m-Xylene & p-Xylene	106	7.217	7.232	-0.015	0	82760	20.0	20.7	
101 o-Xylene	106	7.805	7.812	-0.007	95	78857	20.0	20.7	
102 Bromoform	173	7.862	7.869	-0.007	94	19436	20.0	15.6	
103 Styrene	104	7.891	7.898	-0.007	98	127261	20.0	20.2	
104 n-Butyl acrylate	73	8.220	8.227	-0.007	98	21501	20.0	17.3	
105 Isopropylbenzene	105	8.285	8.292	-0.007	94	189526	20.0	21.3	
106 Amyl acetate (mixed isomer)	43	8.636	8.636	0.000	93	42724	20.0	16.0	
\$ 107 4-Bromofluorobenzene	174	8.657	8.664	-0.007	97	142770	50.0	49.5	
108 Bromobenzene	156	8.765	8.772	-0.007	88	59227	20.0	20.6	
109 N-Propylbenzene	91	8.922	8.922	0.000	100	206631	20.0	22.0	
110 1,1,2,2-Tetrachloroethane	83	9.065	9.073	-0.008	96	37914	20.0	19.1	
111 2-Chlorotoluene	91	9.094	9.094	0.000	97	151095	20.0	20.8	
112 4-Ethyltoluene	105	9.108	9.116	-0.008	98	186341	20.0	21.4	
113 1,2,3-Trichloropropane	110	9.194	9.202	-0.008	96	13047	20.0	19.7	
114 1,3,5-Trimethylbenzene	105	9.266	9.266	0.000	94	152516	20.0	21.0	
115 trans-1,4-Dichloro-2-buten	53	9.331	9.331	0.000	79	6646	20.0	13.5	
116 4-Chlorotoluene	91	9.359	9.359	0.000	96	138955	20.0	21.2	
117 tert-Butylbenzene	119	9.732	9.732	0.000	96	127504	20.0	21.6	
118 1,2,4-Trimethylbenzene	105	9.861	9.861	0.000	97	159831	20.0	20.5	
119 Butyl Methacrylate	87	9.868	9.868	0.000	88	47174	20.0	17.7	
120 sec-Butylbenzene	105	10.018	10.025	-0.007	99	169744	20.0	22.5	
121 1,3-Dichlorobenzene	146	10.283	10.283	0.000	98	105143	20.0	21.2	
122 4-Isopropyltoluene	119	10.305	10.305	0.000	98	152861	20.0	21.3	
* 123 1,4-Dichlorobenzene-d4	152	10.412	10.419	-0.007	93	194898	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.434	10.441	-0.007	96	109493	20.0	20.0	
125 1,2,3-Trimethylbenzene	105	10.541	10.541	0.000	97	167701	20.0	20.6	
126 2,3-Dihydroindene	117	10.713	10.720	-0.007	94	179303	20.0	20.9	
127 Benzyl chloride	126	10.899	10.892	0.007	98	9450	20.0	10.7	
128 p-Diethylbenzene	119	10.914	10.914	0.000	95	79467	20.0	21.2	
129 n-Butylbenzene	91	10.992	10.992	0.000	97	117498	20.0	21.6	
130 1,2-Dichlorobenzene	146	11.100	11.107	-0.007	98	102413	20.0	20.7	
131 1,2,4,5-Tetramethylbenzene	119	12.060	12.060	0.000	98	140780	20.0	20.9	
132 1,2-Dibromo-3-Chloropropan	157	12.203	12.203	0.000	91	6874	20.0	14.0	
133 1,3,5-Trichlorobenzene	180	12.253	12.253	0.000	98	63710	20.0	21.2	
134 1,2,4-Trichlorobenzene	180	12.934	12.934	0.000	95	58570	20.0	20.5	
135 Hexachlorobutadiene	225	12.955	12.955	0.000	95	21105	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
136 Naphthalene	128	13.234	13.234	0.000	99	126441	20.0	19.1	
137 1,2,3-Trichlorobenzene	180	13.406	13.406	0.000	95	50313	20.0	19.2	
S 138 1,2-Dichloroethene, Total	100				0		40.0	41.3	
S 139 1,3-Dichloropropene, Total	100				0		40.0	35.2	
S 140 Xylenes, Total	100				0		40.0	41.5	
S 142 Total BTEX	1				0		100.0	107.9	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00336	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00105	Amount Added: 20.00	Units: uL	
524freon_00013	Amount Added: 20.00	Units: uL	
ACROLEIN W_00096	Amount Added: 4.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00200	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20191009-99009.b\P67042.D

Injection Date: 09-Oct-2019 14:35:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: LCSD

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

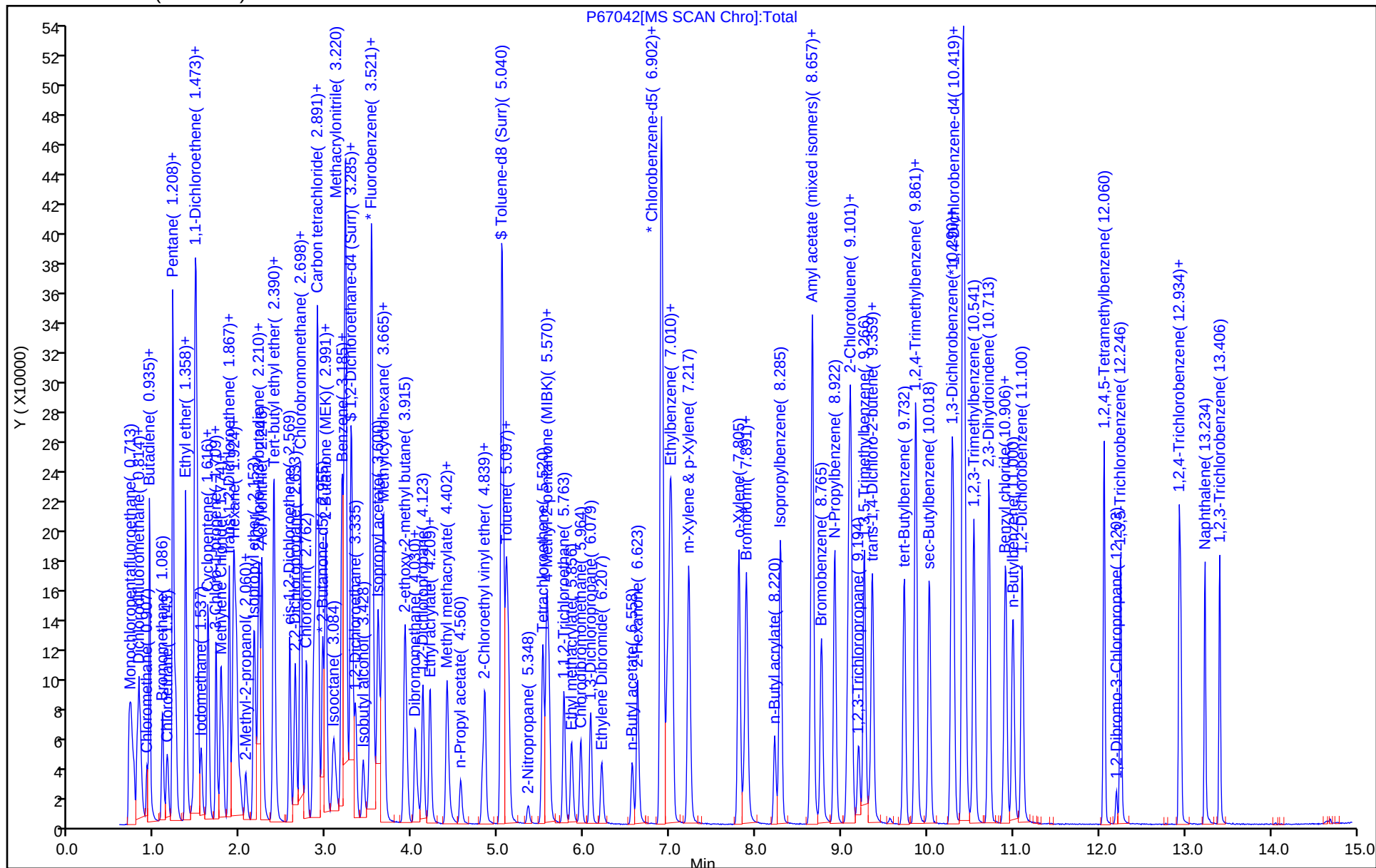
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1

SDG No.: _____

Instrument ID: CVOAMS13 Start Date: 09/25/2019 11:24Analysis Batch Number: 641851 End Date: 09/25/2019 17:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-641851/1		09/25/2019 11:24	1	P66297.D	Rtx-624 0.25 (mm)
STD8 460-641851/2 IC		09/25/2019 11:47	1	P66298.D	Rtx-624 0.25 (mm)
STD05 460-641851/3 IC		09/25/2019 12:12	1	P66299.D	Rtx-624 0.25 (mm)
STD1 460-641851/4 IC		09/25/2019 12:37	1	P66300.D	Rtx-624 0.25 (mm)
STD5 460-641851/5 IC		09/25/2019 13:02	1	P66301.D	Rtx-624 0.25 (mm)
STD20 460-641851/6 ICIS		09/25/2019 13:27	1	P66302.D	Rtx-624 0.25 (mm)
STD50 460-641851/7 IC		09/25/2019 13:52	1	P66303.D	Rtx-624 0.25 (mm)
STD200 460-641851/8 IC		09/25/2019 14:17	1	P66304.D	Rtx-624 0.25 (mm)
STD500 460-641851/9 IC		09/25/2019 14:42	1	P66305.D	Rtx-624 0.25 (mm)
ZZZZZ		09/25/2019 15:56	1		Rtx-624 0.25 (mm)
ICV 460-641851/1012		09/25/2019 15:56	1		Rtx-624 0.25 (mm)
ZZZZZ		09/25/2019 16:21	1		Rtx-624 0.25 (mm)
ZZZZZ		09/25/2019 17:11	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-192518-1

SDG No.: _____

Instrument ID: CVOAMS13Start Date: 10/08/2019 09:16Analysis Batch Number: 645366End Date: 10/08/2019 20:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-645366/1		10/08/2019 09:16	1	P66988.D	Rtx-624 0.25 (mm)
CCVIS 460-645366/3		10/08/2019 10:07	1	P66990.D	Rtx-624 0.25 (mm)
LCS 460-645366/4		10/08/2019 10:35	1	P66991.D	Rtx-624 0.25 (mm)
LCSD 460-645366/5		10/08/2019 11:03	1	P66992.D	Rtx-624 0.25 (mm)
MB 460-645366/8		10/08/2019 12:29	1	P66995.D	Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 12:57	1		Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 13:25	1		Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 13:53	1		Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 14:22	1		Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 14:51	1		Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 15:19	1		Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 15:47	1		Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 16:15	1		Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 16:43	1		Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 17:11	1		Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 17:39	1		Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 18:08	1		Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 18:37	1		Rtx-624 0.25 (mm)
ZZZZZ		10/08/2019 19:05	1		Rtx-624 0.25 (mm)
460-192518-1		10/08/2019 19:34	1	P67010.D	Rtx-624 0.25 (mm)
460-192518-2		10/08/2019 20:02	1	P67011.D	Rtx-624 0.25 (mm)
460-192518-3		10/08/2019 20:31	1	P67012.D	Rtx-624 0.25 (mm)
460-192518-4		10/08/2019 20:59	1	P67013.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1

SDG No.: _____

Instrument ID: CVOAMS13 Start Date: 10/08/2019 22:41Analysis Batch Number: 645557 End Date: 10/09/2019 09:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-645557/1		10/08/2019 22:41	1	P67017.D	Rtx-624 0.25 (mm)
CCVIS 460-645557/2		10/08/2019 23:06	1	P67018.D	Rtx-624 0.25 (mm)
LCS 460-645557/3		10/08/2019 23:41	1	P67019.D	Rtx-624 0.25 (mm)
LCSD 460-645557/4		10/09/2019 00:13	1	P67020.D	Rtx-624 0.25 (mm)
MB 460-645557/7		10/09/2019 02:26	1	P67023.D	Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 03:29	1		Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 04:00	1		Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 04:29	1		Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 05:00	1		Rtx-624 0.25 (mm)
460-192518-5		10/09/2019 05:32	1	P67028.D	Rtx-624 0.25 (mm)
460-192518-6		10/09/2019 06:02	1	P67029.D	Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 06:33	1		Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 07:07	1		Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 09:39	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1

SDG No.: _____

Instrument ID: CVOAMS13 Start Date: 10/09/2019 11:17Analysis Batch Number: 645726 End Date: 10/09/2019 19:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-645726/1		10/09/2019 11:17	1	P67037.D	Rtx-624 0.25 (mm)
CCVIS 460-645726/2		10/09/2019 11:43	1	P67038.D	Rtx-624 0.25 (mm)
LCS 460-645726/3		10/09/2019 12:26	1	P67039.D	Rtx-624 0.25 (mm)
LCSD 460-645726/6		10/09/2019 14:35	1	P67042.D	Rtx-624 0.25 (mm)
MB 460-645726/8		10/09/2019 15:49	1	P67044.D	Rtx-624 0.25 (mm)
460-192518-7		10/09/2019 16:16	1	P67045.D	Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 16:43	1		Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 17:10	1		Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 17:37	1		Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 18:05	1		Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 18:32	1		Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 19:00	2		Rtx-624 0.25 (mm)
ZZZZZ		10/09/2019 19:54	1		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1

SDG No.: _____

Batch Number: 645366 Batch Start Date: 10/08/19 09:16 Batch Analyst: Desai, SaurabBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00013	8260ISNEW 00129	8260MIX1COMB 00105	8260SURR250 00200
BFB 460-645366/1		8260C		5 mL	5 mL				
CCVIS 460-645366/3		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCS 460-645366/4		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCSD 460-645366/5		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
MB 460-645366/8		8260C		5 mL	5 mL		1 uL		1 uL
460-192518-A-1	GT-1R	8260C	T	5 mL	5 mL		1 uL		1 uL
460-192518-A-2	GT-2R	8260C	T	5 mL	5 mL		1 uL		1 uL
460-192518-A-3	GT-3	8260C	T	5 mL	5 mL		1 uL		1 uL
460-192518-A-4	GT-4	8260C	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00096	BFB 00021	GASES Li 00336			
BFB 460-645366/1		8260C			1 uL				
CCVIS 460-645366/3		8260C		4 uL		20 uL			
LCS 460-645366/4		8260C		4 uL		20 uL			
LCSD 460-645366/5		8260C		4 uL		20 uL			
MB 460-645366/8		8260C							
460-192518-A-1	GT-1R	8260C	T						
460-192518-A-2	GT-2R	8260C	T						
460-192518-A-3	GT-3	8260C	T						
460-192518-A-4	GT-4	8260C	T						

Batch Notes	

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.: 460-192518-1

SDG No.: _____

Batch Number: 645366 Batch Start Date: 10/08/19 09:16 Batch Analyst: Desai, SaurabBatch Method: 8260C Batch End Date: _____

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1

SDG No.: _____

Batch Number: 645557 Batch Start Date: 10/08/19 22:41 Batch Analyst: Martinez, EddieBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00013	8260ISNEW 00129	8260MIX1COMB 00105	8260SURR250 00200
BFB 460-645557/1		8260C		5 mL	5 mL				
CCVIS 460-645557/2		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCS 460-645557/3		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCSD 460-645557/4		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
MB 460-645557/7		8260C		5 mL	5 mL		1 uL		1 uL
460-192518-B-5	GT-5	8260C	T	5 mL	5 mL		1 uL		1 uL
460-192518-B-6	GW-DUP	8260C	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00096	BFB 00021	GASES Li 00336			
BFB 460-645557/1		8260C			1 uL				
CCVIS 460-645557/2		8260C		4 uL		20 uL			
LCS 460-645557/3		8260C		4 uL		20 uL			
LCSD 460-645557/4		8260C		4 uL		20 uL			
MB 460-645557/7		8260C							
460-192518-B-5	GT-5	8260C	T						
460-192518-B-6	GW-DUP	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1

SDG No.: _____

Batch Number: 645726 Batch Start Date: 10/09/19 11:17 Batch Analyst: Boykin, KennethBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00013	8260ISNEW 00129	8260MIX1COMB 00105	8260SURR250 00200
BFB 460-645726/1		8260C		5 mL	5 mL				
CCVIS 460-645726/2		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCS 460-645726/3		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCSD 460-645726/6		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
MB 460-645726/8		8260C		5 mL	5 mL		1 uL		1 uL
460-192518-A-7	Trip Blank	8260C	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00096	BFB 00021	GASES Li 00336			
BFB 460-645726/1		8260C			1 uL				
CCVIS 460-645726/2		8260C		4 uL		20 uL			
LCS 460-645726/3		8260C		4 uL		20 uL			
LCSD 460-645726/6		8260C		4 uL		20 uL			
MB 460-645726/8		8260C							
460-192518-A-7	Trip Blank	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8015D_ID

Hydrocarbon Product Identification
(GC)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-192518-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): Rtx-Mineral ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	OTPH #
GT-1R	460-192518-1	94
GT-2R	460-192518-2	96
GT-3	460-192518-3	88
GT-4	460-192518-4	90
GT-5	460-192518-5	93
GW-DUP	460-192518-6	93
	MB 460-643421/1-A	88
	LCS 460-643421/2-A	95
	LCSD 460-643421/3-A	95

OTPH = o-Terphenyl

QC LIMITS
42-120

Column to be used to flag recovery values

FORM II 8015D

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: 3F184803.D
Lab ID: LCS 460-643421/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Mineral Spirits	1250	1500	120	70-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: 3F184804.D
 Lab ID: LCSD 460-643421/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Mineral Spirits	1250	1550	124	3	30	70-130	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Lab File ID: 3F184802.D Lab Sample ID: MB 460-643421/1-A
Matrix: Water Date Extracted: 09/30/2019 19:32
Instrument ID: CBNAGC3 Date Analyzed: 10/01/2019 13:54
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-643421/2-A	3F184803.D	10/01/2019 14:05
	LCSD 460-643421/3-A	3F184804.D	10/01/2019 14:16
GT-1R	460-192518-1	3F184820.D	10/01/2019 17:19
GT-2R	460-192518-2	3F184821.D	10/01/2019 17:30
GT-3	460-192518-3	3F184822.D	10/01/2019 17:42
GT-4	460-192518-4	3F184823.D	10/01/2019 17:53
GT-5	460-192518-5	3F184826.D	10/01/2019 18:27
GW-DUP	460-192518-6	3F184827.D	10/01/2019 18:38

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: GT-1R Lab Sample ID: 460-192518-1
 Matrix: Water Lab File ID: 3F184820.D
 Analysis Method: 8015D Date Collected: 09/25/2019 11:20
 Extraction Method: 3510C Date Extracted: 09/30/2019 19:32
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/01/2019 17:19
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 643557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		42-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184820.D
Lims ID: 460-192518-E-1-A
Client ID: GT-1R
Sample Type: Client
Inject. Date: 01-Oct-2019 17:19:17 ALS Bottle#: 22 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-021
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 20:13:56 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0329

First Level Reviewer: zhangyi

Date: 01-Oct-2019 20:13:34

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.835 3.832 0.003 259693 18.8

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184820.D

Injection Date: 01-Oct-2019 17:19:17

Instrument ID: CBNAGC3

Lims ID: 460-192518-E-1-A

Lab Sample ID: 460-192518-1

Client ID: GT-1R

Operator ID: 615

ALS Bottle#: 22

Worklist Smp#: 21

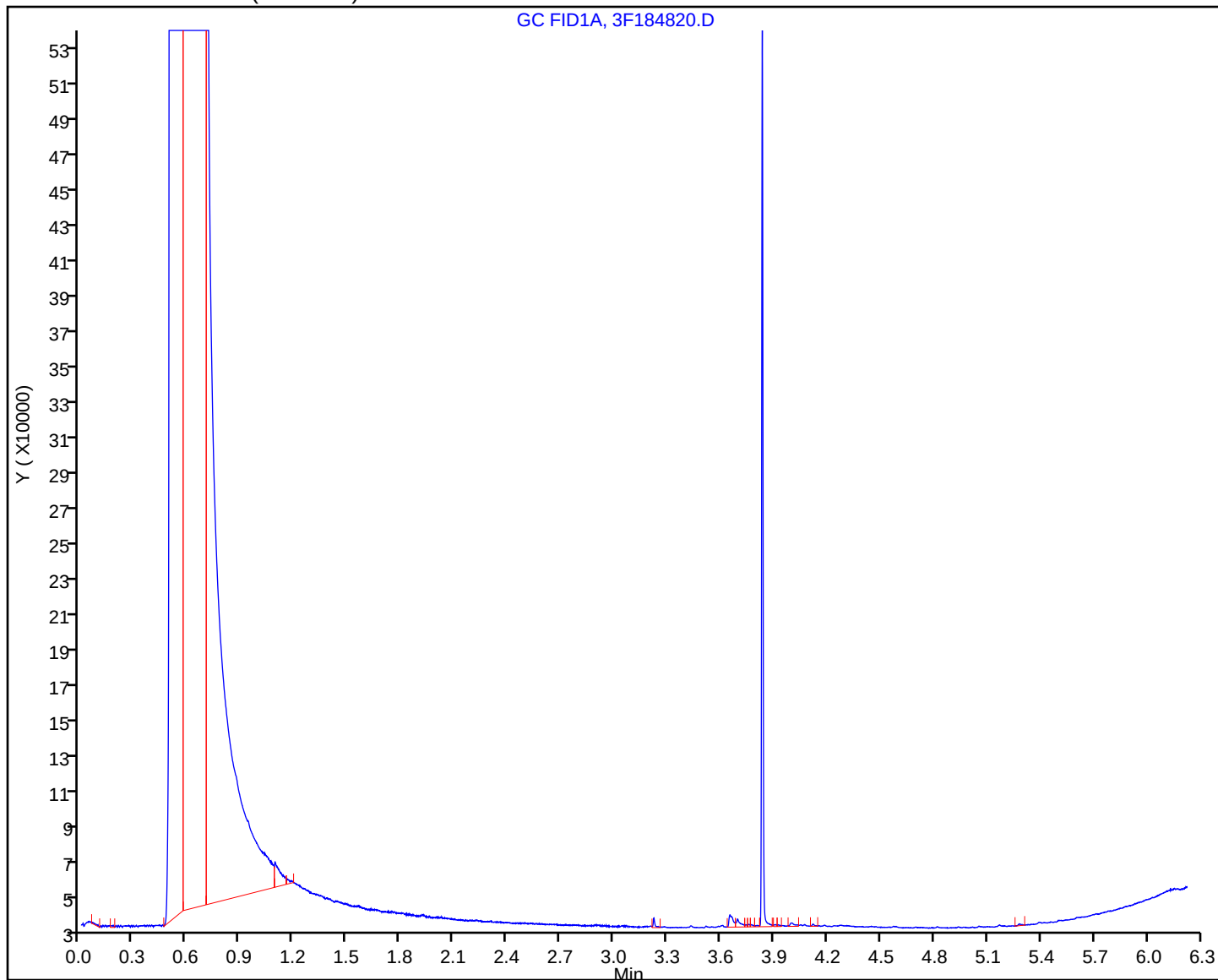
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184820.D

Injection Date: 01-Oct-2019 17:19:17

Instrument ID: CBNAGC3

Lims ID: 460-192518-E-1-A

Lab Sample ID: 460-192518-1

Client ID: GT-1R

Operator ID: 615

ALS Bottle#: 22 Worklist Smp#: 21

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

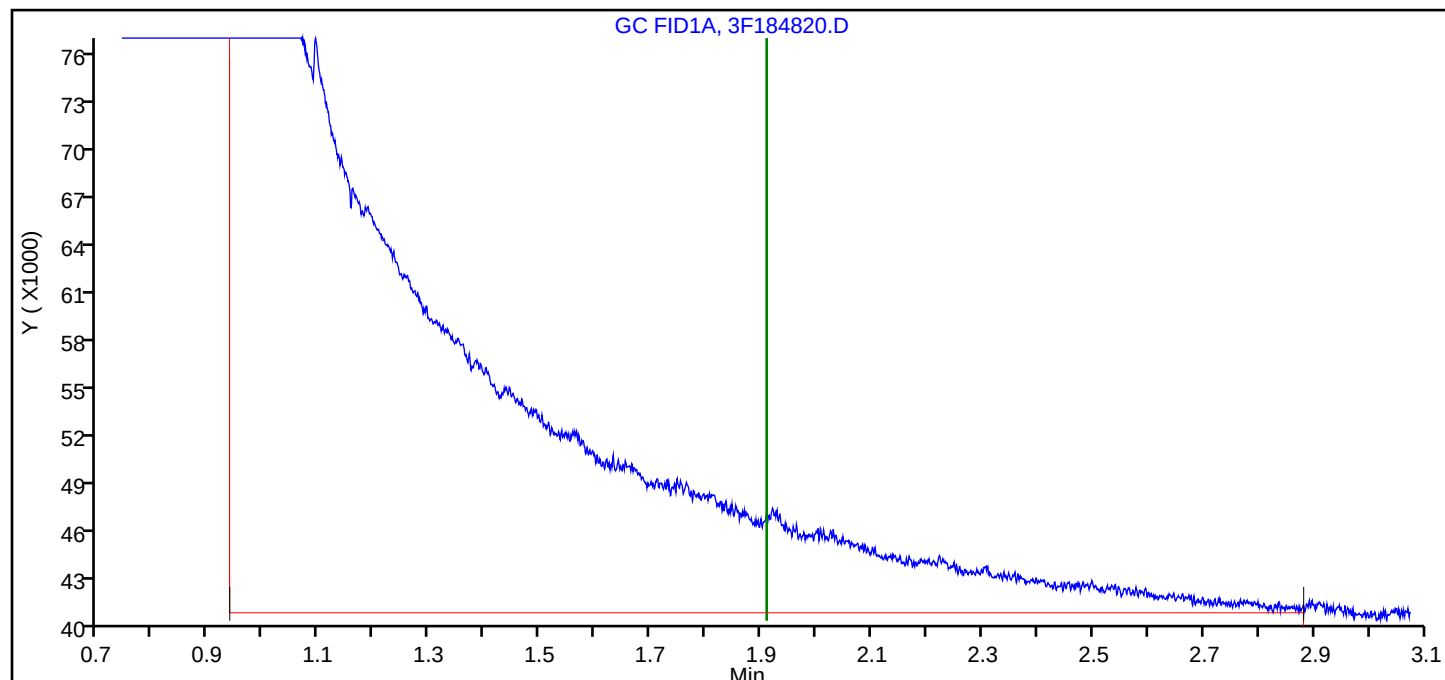
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
1.91	1.91	1226124	105.0581

Reviewer: zhangyi, 01-Oct-2019 20:13:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Client Sample ID: GT-2R Lab Sample ID: 460-192518-2
Matrix: Water Lab File ID: 3F184821.D
Analysis Method: 8015D Date Collected: 09/25/2019 11:00
Extraction Method: 3510C Date Extracted: 09/30/2019 19:32
Sample wt/vol: 1000 (mL) Date Analyzed: 10/01/2019 17:30
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 643557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	96		42-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184821.D
Lims ID: 460-192518-E-2-A
Client ID: GT-2R
Sample Type: Client
Inject. Date: 01-Oct-2019 17:30:39 ALS Bottle#: 23 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-022
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 20:13:56 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0329

First Level Reviewer: zhangyi

Date: 01-Oct-2019 20:13:36

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.832 3.832 0.000 264896 19.2

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184821.D

Injection Date: 01-Oct-2019 17:30:39

Instrument ID: CBNAGC3

Lims ID: 460-192518-E-2-A

Lab Sample ID: 460-192518-2

Client ID: GT-2R

Operator ID: 615

ALS Bottle#: 23

Worklist Smp#: 22

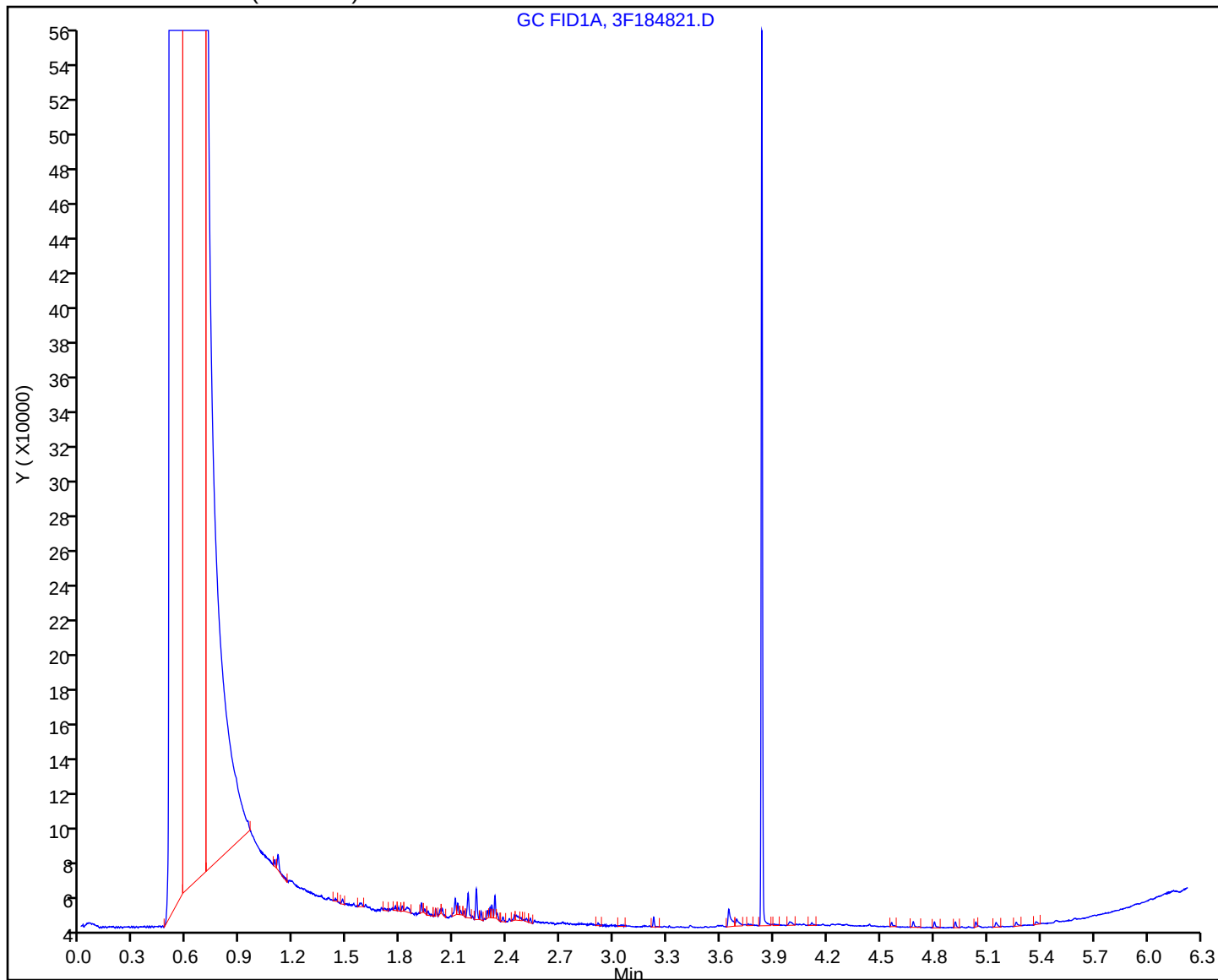
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

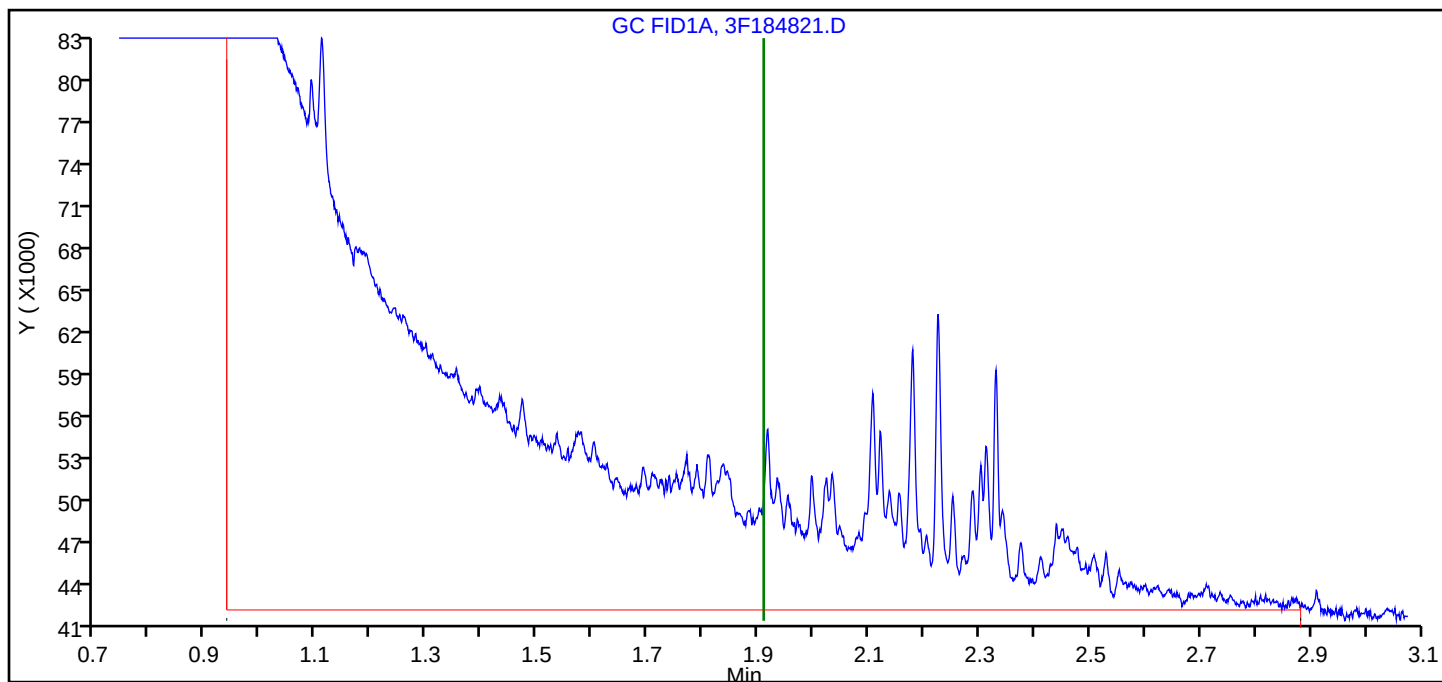


Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184821.D
Injection Date: 01-Oct-2019 17:30:39 Instrument ID: CBNAGC3
Lims ID: 460-192518-E-2-A Lab Sample ID: 460-192518-2
Client ID: GT-2R
Operator ID: 615 ALS Bottle#: 23 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: MS3F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
1.91	1.91	1389677	119.0719

Reviewer: zhangyi, 01-Oct-2019 20:13:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Client Sample ID: GT-3 Lab Sample ID: 460-192518-3
Matrix: Water Lab File ID: 3F184822.D
Analysis Method: 8015D Date Collected: 09/25/2019 10:30
Extraction Method: 3510C Date Extracted: 09/30/2019 19:32
Sample wt/vol: 1000 (mL) Date Analyzed: 10/01/2019 17:42
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 643557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	88		42-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184822.D
Lims ID: 460-192518-E-3-A
Client ID: GT-3
Sample Type: Client
Inject. Date: 01-Oct-2019 17:42:07 ALS Bottle#: 24 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-023
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 20:13:56 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0329

First Level Reviewer: zhangyi

Date: 01-Oct-2019 20:13:43

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl					a
3.850	3.832	0.018	241628	17.5	a

QC Flag Legend

Review Flags

a - User Assigned ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184822.D

Injection Date: 01-Oct-2019 17:42:07

Instrument ID: CBNAGC3

Lims ID: 460-192518-E-3-A

Lab Sample ID: 460-192518-3

Client ID: GT-3

Operator ID: 615

ALS Bottle#: 24

Worklist Smp#: 23

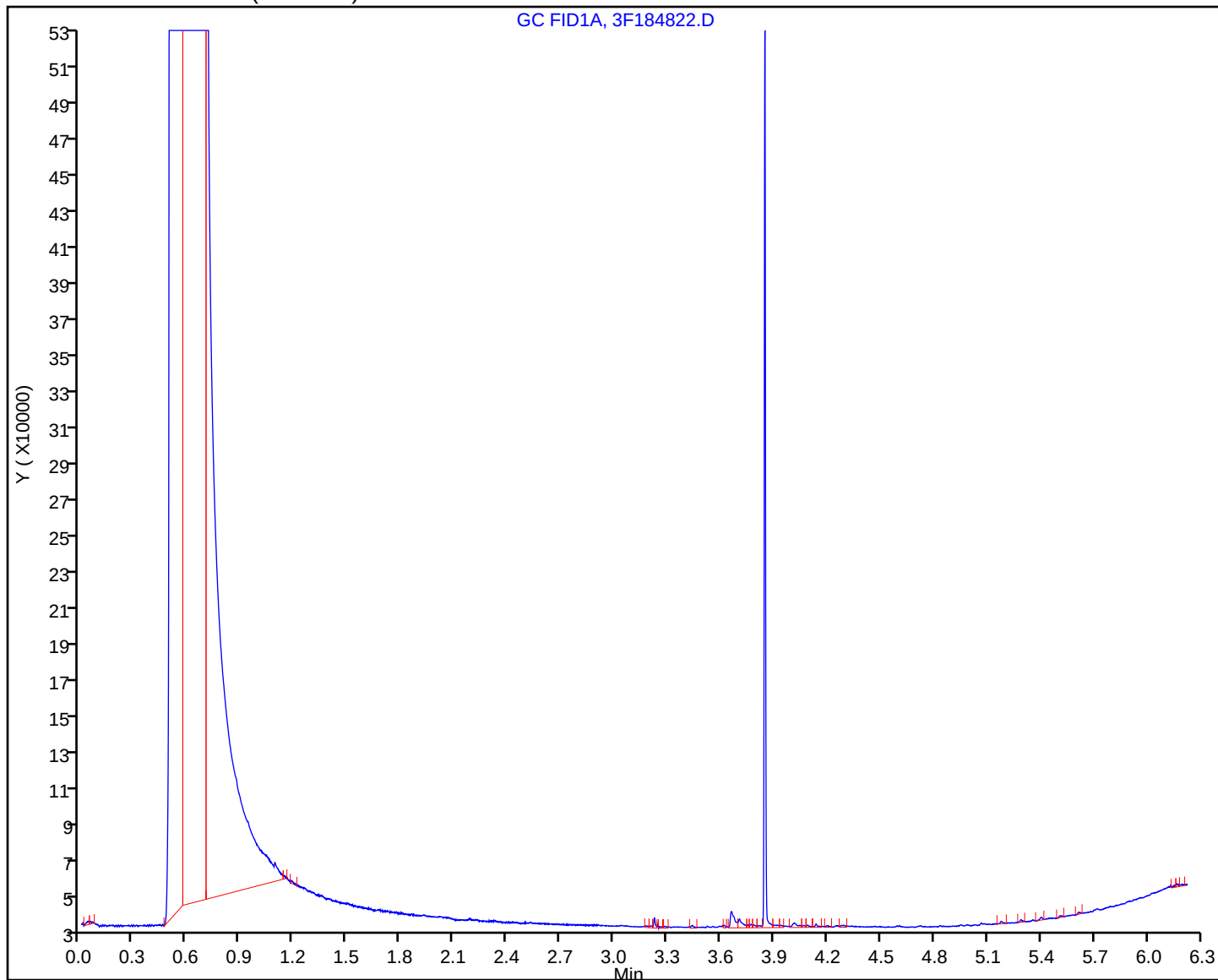
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184822.D

Injection Date: 01-Oct-2019 17:42:07

Instrument ID: CBNAGC3

Lims ID: 460-192518-E-3-A

Lab Sample ID: 460-192518-3

Client ID: GT-3

Operator ID: 615

ALS Bottle#: 24 Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

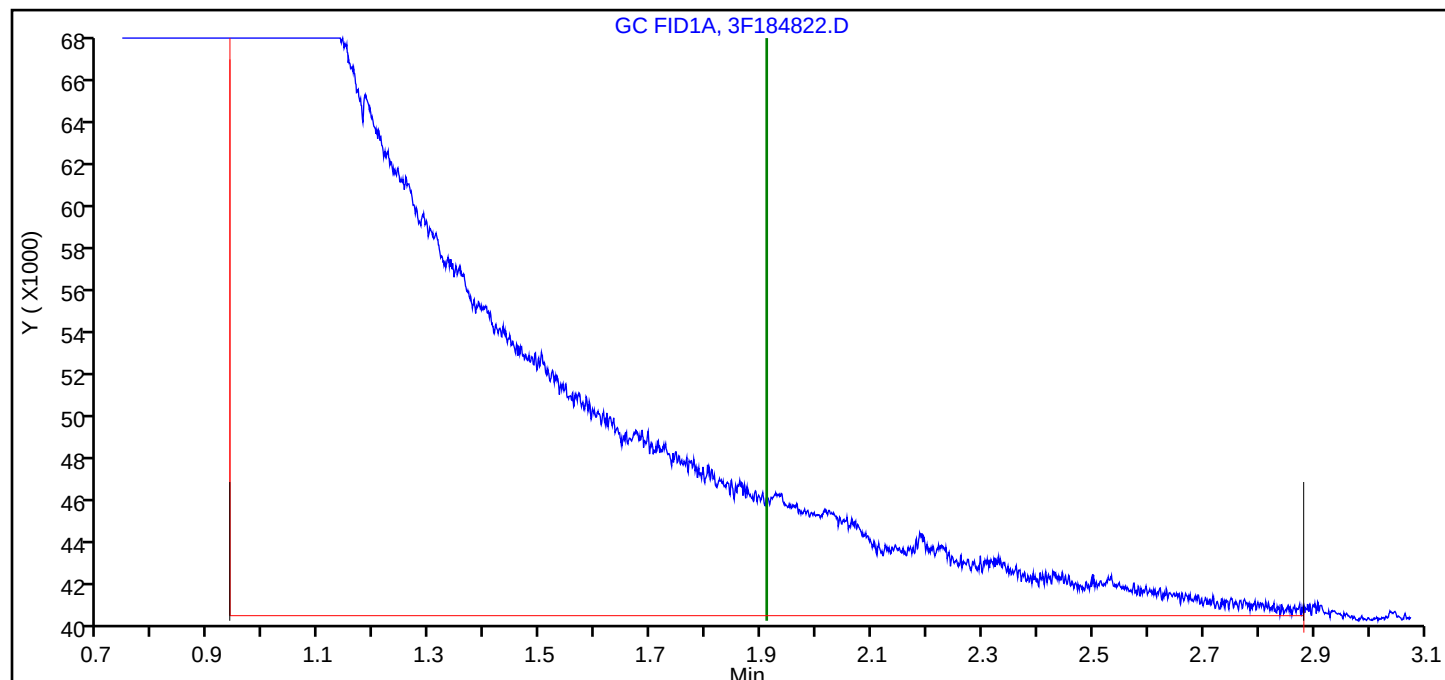
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
1.91	1.91	1190581	102.0127

Reviewer: zhangyi, 01-Oct-2019 20:13:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

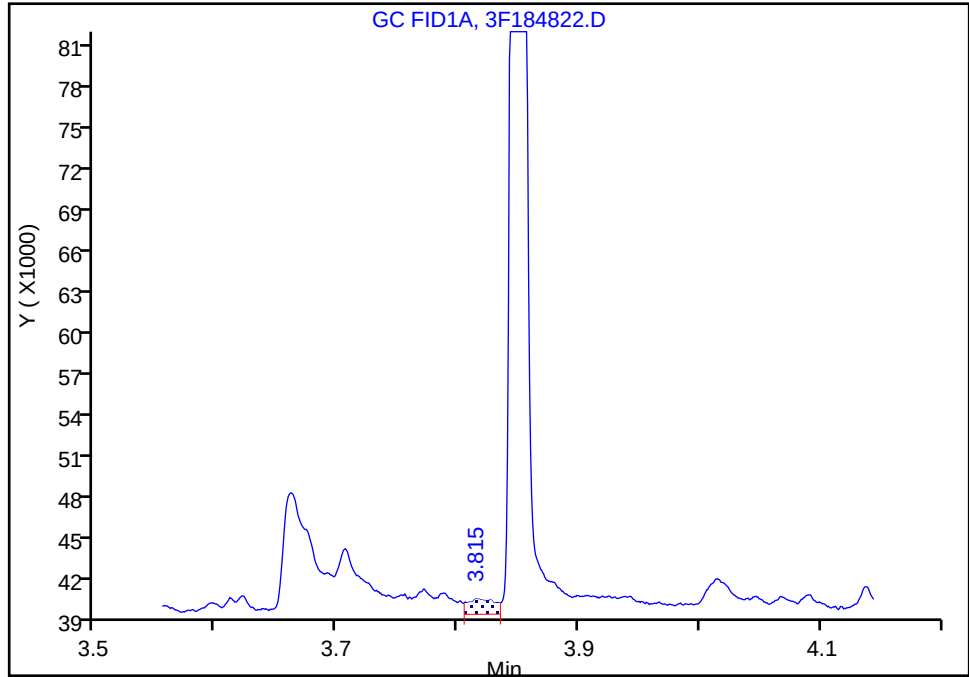
Data File:	\\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184822.D				
Injection Date:	01-Oct-2019 17:42:07	Instrument ID:	CBNAGC3		
Lims ID:	460-192518-E-3-A	Lab Sample ID:	460-192518-3		
Client ID:	GT-3				
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	MS3F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

\$ 2 o-Terphenyl, CAS: 84-15-1

Signal: 1

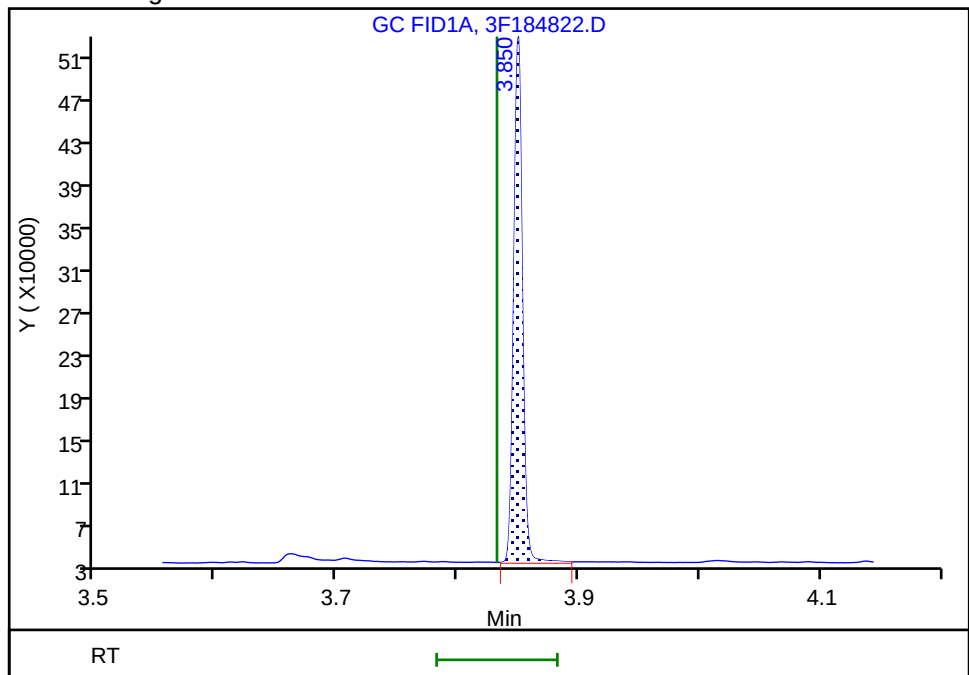
RT: 3.81
Area: 1697
Amount: 0.123143
Amount Units: ug/ml

Processing Integration Results



RT: 3.85
Area: 241628
Amount: 17.533745
Amount Units: ug/ml

Manual Integration Results



Reviewer: zhangyi, 01-Oct-2019 20:13:40

Audit Action: Assigned Compound ID

Audit Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: GT-4 Lab Sample ID: 460-192518-4
 Matrix: Water Lab File ID: 3F184823.D
 Analysis Method: 8015D Date Collected: 09/25/2019 10:00
 Extraction Method: 3510C Date Extracted: 09/30/2019 19:32
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/01/2019 17:53
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 643557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	90		42-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184823.D
Lims ID: 460-192518-E-4-A
Client ID: GT-4
Sample Type: Client
Inject. Date: 01-Oct-2019 17:53:26 ALS Bottle#: 25 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-024
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 20:13:56 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0329

First Level Reviewer: zhangyi

Date: 01-Oct-2019 20:13:45

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.860 3.832 0.028 246819 17.9

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184823.D

Injection Date: 01-Oct-2019 17:53:26

Instrument ID: CBNAGC3

Lims ID: 460-192518-E-4-A

Lab Sample ID: 460-192518-4

Client ID: GT-4

Operator ID: 615

ALS Bottle#: 25

Worklist Smp#: 24

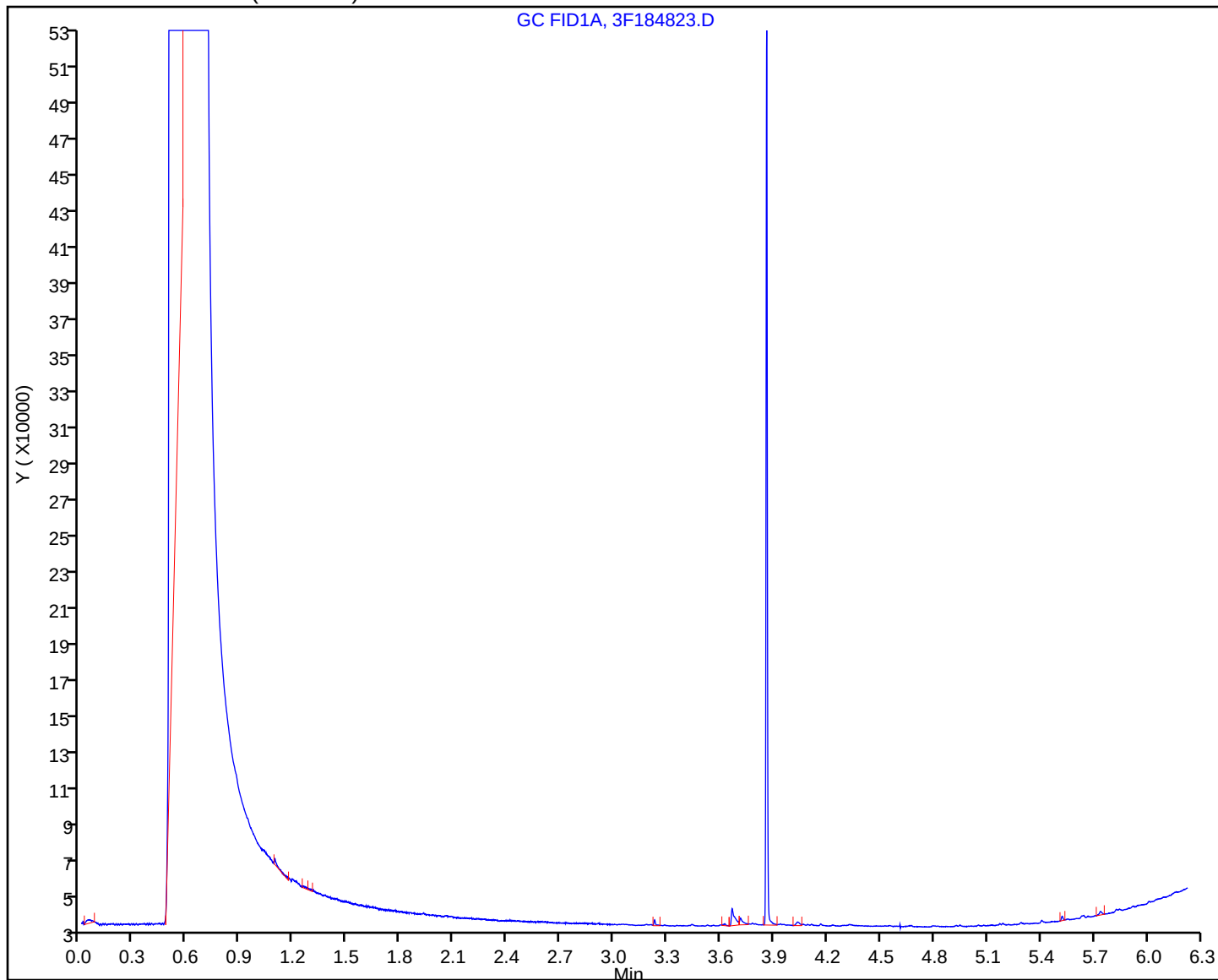
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184823.D

Injection Date: 01-Oct-2019 17:53:26

Instrument ID: CBNAGC3

Lims ID: 460-192518-E-4-A

Lab Sample ID: 460-192518-4

Client ID: GT-4

Operator ID: 615

ALS Bottle#: 25 Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

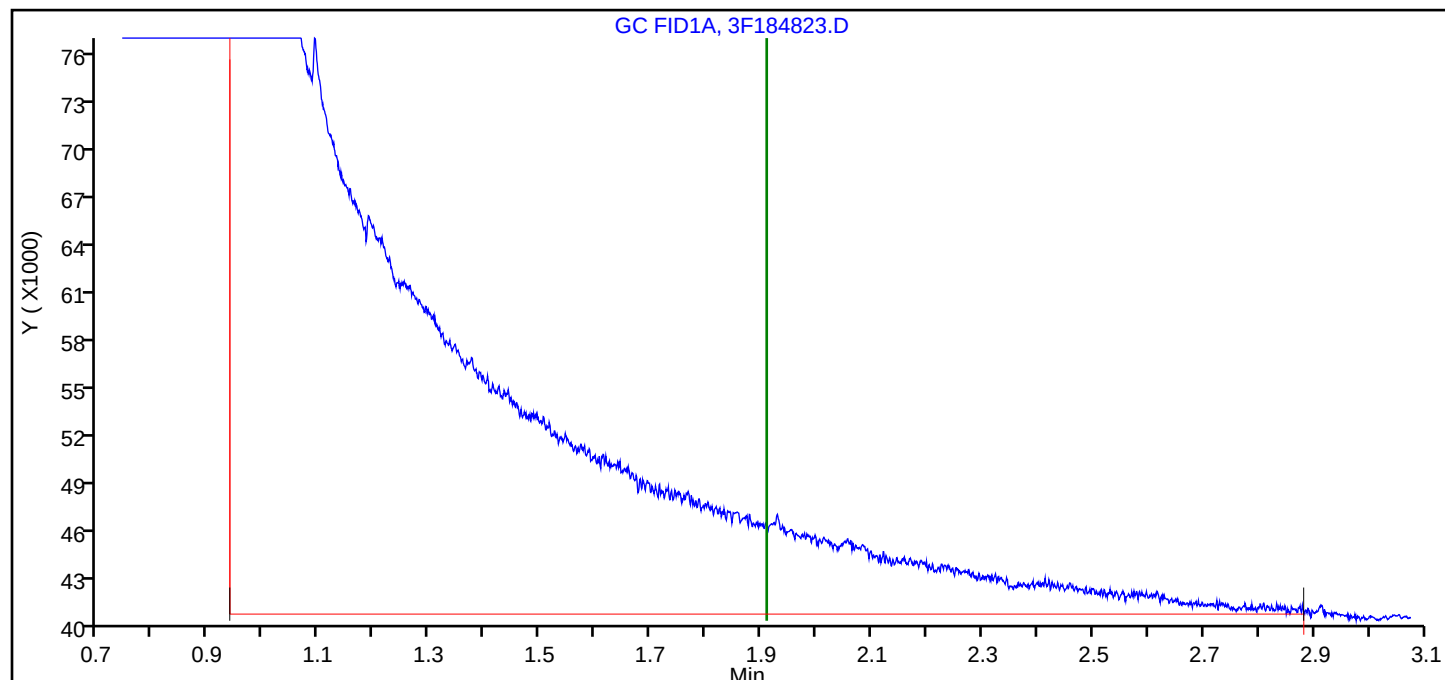
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
1.91	1.91	1210100	103.6851

Reviewer: zhangyi, 01-Oct-2019 20:13:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: GT-5 Lab Sample ID: 460-192518-5
 Matrix: Water Lab File ID: 3F184826.D
 Analysis Method: 8015D Date Collected: 09/25/2019 11:40
 Extraction Method: 3510C Date Extracted: 09/30/2019 19:32
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/01/2019 18:27
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 643557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	93		42-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184826.D
Lims ID: 460-192518-D-5-A
Client ID: GT-5
Sample Type: Client
Inject. Date: 01-Oct-2019 18:27:32 ALS Bottle#: 26 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-027
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 20:14:10 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0329

First Level Reviewer: zhangyi

Date: 01-Oct-2019 20:13:52

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.859 3.832 0.027 255885 18.6

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184826.D

Injection Date: 01-Oct-2019 18:27:32

Instrument ID: CBNAGC3

Lims ID: 460-192518-D-5-A

Lab Sample ID: 460-192518-5

Client ID: GT-5

Operator ID: 615

ALS Bottle#: 26

Worklist Smp#: 27

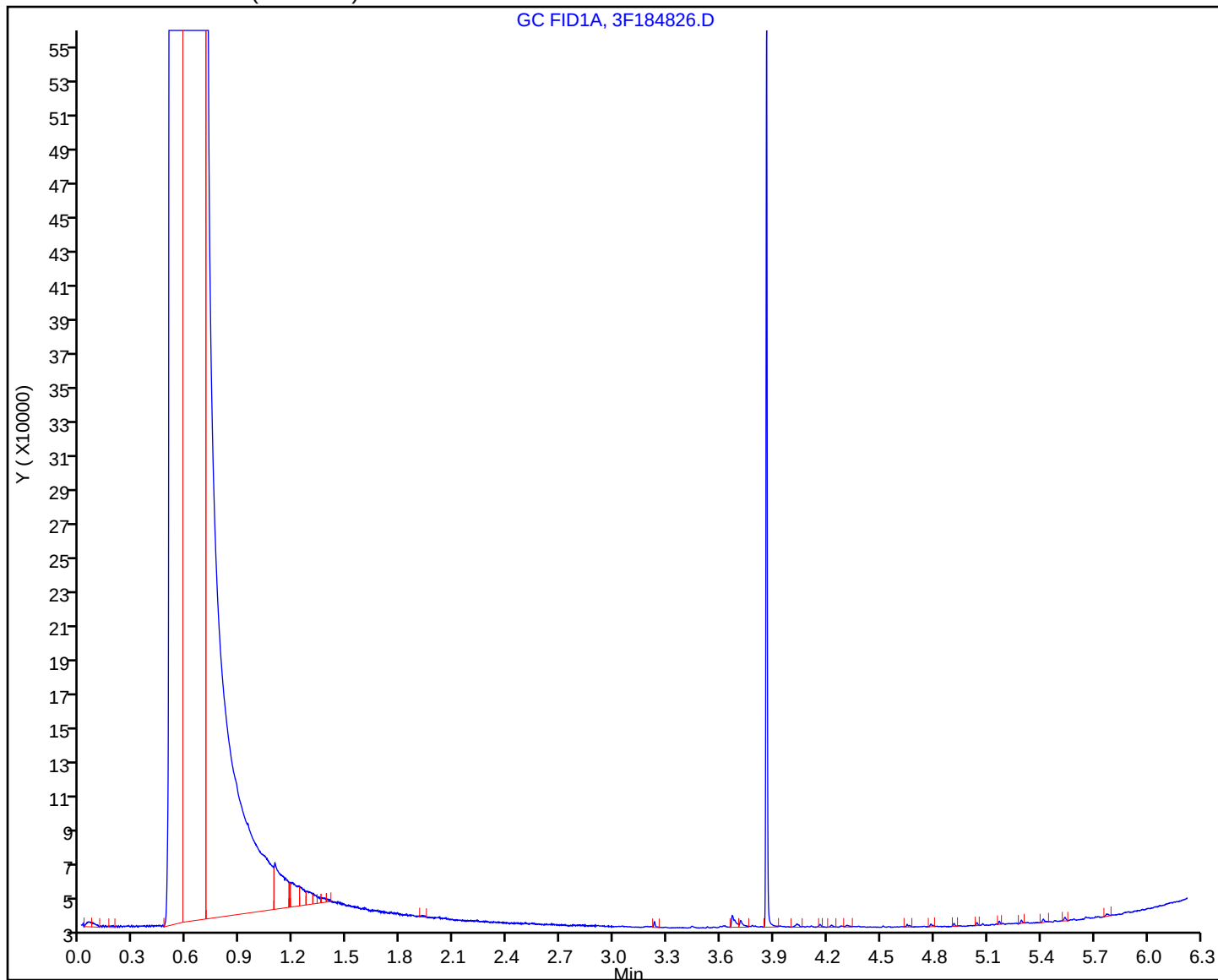
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184826.D

Injection Date: 01-Oct-2019 18:27:32

Instrument ID: CBNAGC3

Lims ID: 460-192518-D-5-A

Lab Sample ID: 460-192518-5

Client ID: GT-5

Operator ID: 615

ALS Bottle#: 26 Worklist Smp#: 27

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

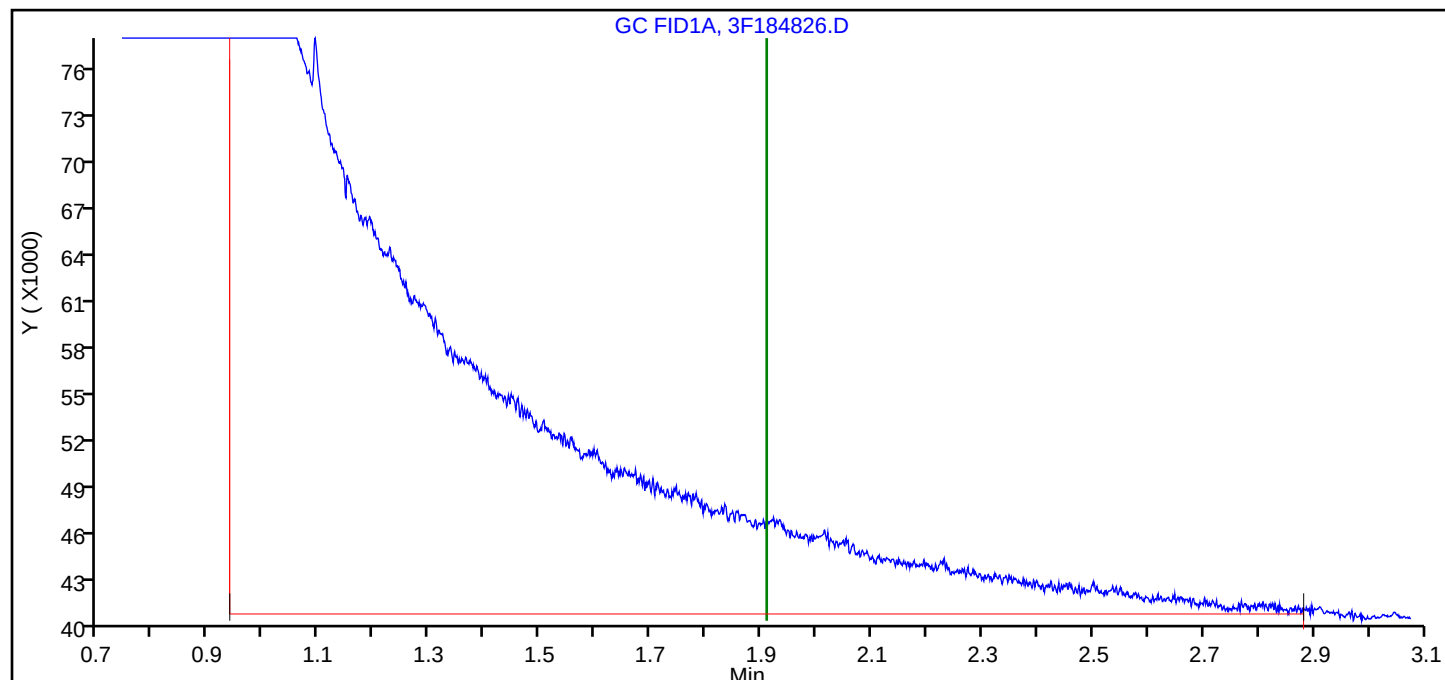
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
1.91	1.91	1225604	105.0136

Reviewer: zhangyi, 01-Oct-2019 20:13:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: GW-DUP Lab Sample ID: 460-192518-6
 Matrix: Water Lab File ID: 3F184827.D
 Analysis Method: 8015D Date Collected: 09/25/2019 09:00
 Extraction Method: 3510C Date Extracted: 09/30/2019 19:32
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/01/2019 18:38
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 643557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	93		42-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184827.D
Lims ID: 460-192518-D-6-A
Client ID: GW-DUP
Sample Type: Client
Inject. Date: 01-Oct-2019 18:38:55 ALS Bottle#: 27 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-028
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 20:14:10 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0329

First Level Reviewer: zhangyi

Date: 01-Oct-2019 20:13:54

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.865 3.832 0.033 255935 18.6

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184827.D

Injection Date: 01-Oct-2019 18:38:55

Instrument ID: CBNAGC3

Lims ID: 460-192518-D-6-A

Lab Sample ID: 460-192518-6

Client ID: GW-DUP

Operator ID: 615

ALS Bottle#: 27

Worklist Smp#: 28

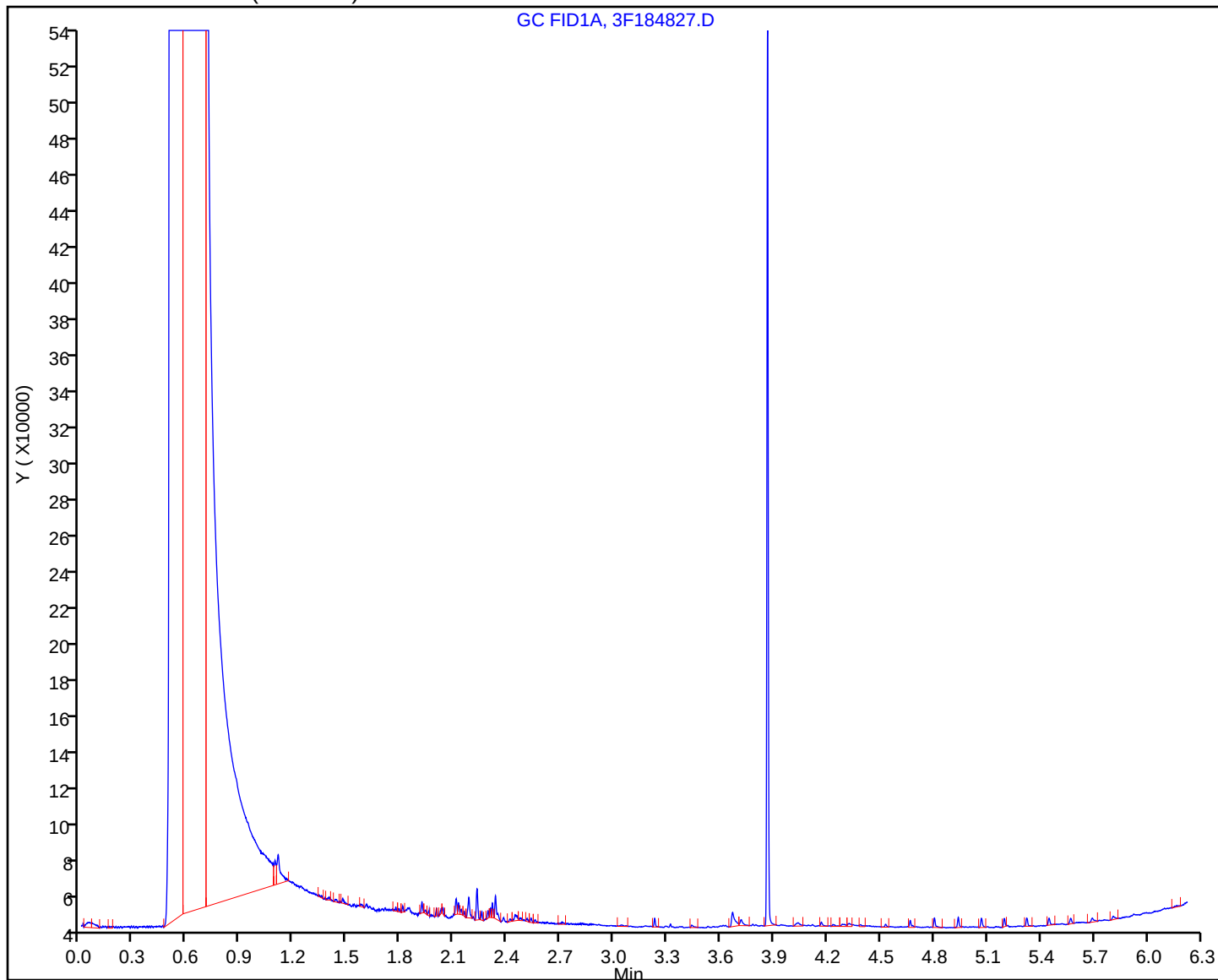
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184827.D

Injection Date: 01-Oct-2019 18:38:55

Instrument ID: CBNAGC3

Lims ID: 460-192518-D-6-A

Lab Sample ID: 460-192518-6

Client ID: GW-DUP

Operator ID: 615

ALS Bottle#: 27 Worklist Smp#: 28

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

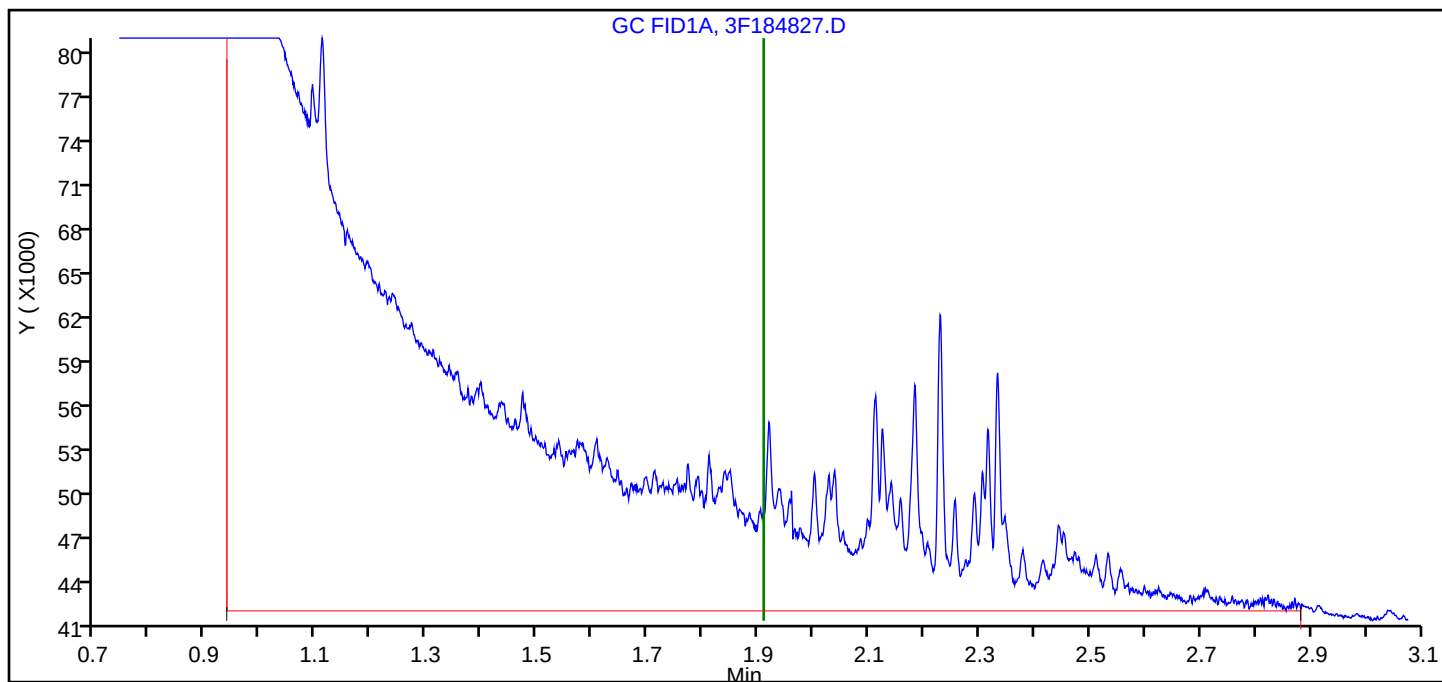
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
1.91	1.91	1311092	112.3384

Reviewer: zhangyi, 01-Oct-2019 20:13:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1 Analy Batch No.: 521807

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2018 12:02 Calibration End Date: 05/23/2018 14:15 Calibration ID: 68773

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-521807/2	3F171201.D
Level 2	STD2 460-521807/8	3F171206.D
Level 3	STD3 460-521807/4	3F171203.D
Level 4	STD4 460-521807/5	3F171204.D
Level 5	STD5 460-521807/6	3F171205.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Mineral Spirits	2.152	2.152	2.152	2.152	2.152						1.180 - 3.125	2.152
o-Terphenyl	4.075	4.076	4.075	4.078	4.080						4.025 - 4.125	4.077

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1 Analy Batch No.: 521807

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2018 12:02 Calibration End Date: 05/23/2018 14:15 Calibration ID: 68773

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-521807/2	3F171201.D
Level 2	STD2 460-521807/8	3F171206.D
Level 3	STD3 460-521807/4	3F171203.D
Level 4	STD4 460-521807/5	3F171204.D
Level 5	STD5 460-521807/6	3F171205.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Mineral Spirits	12907 10202	11808	12086	11352	Ave		11670.9107				8.5		20.0			
o-Terphenyl	14552 13614	13626	13749	13363	Ave		13780.7410				3.3		20.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1 Analy Batch No.: 521807

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2018 12:02 Calibration End Date: 05/23/2018 14:15 Calibration ID: 68773

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-521807/2	3F171201.D
Level 2	STD2 460-521807/8	3F171206.D
Level 3	STD3 460-521807/4	3F171203.D
Level 4	STD4 460-521807/5	3F171204.D
Level 5	STD5 460-521807/6	3F171205.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Mineral Spirits	Ave	645350	5904194	12085916	28379313	51007621	50.0	500	1000	2500	5000
o-Terphenyl	Ave	29104	272522	549950	1336312	2722747	2.00	20.0	40.0	100	200

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171201.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 23-May-2018 12:02:43 ALS Bottle#: 7 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0072539-002
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 23-May-2018 15:17:20 Calib Date: 23-May-2018 14:15:29
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: XAWRK010

First Level Reviewer: mendezb

Date: 23-May-2018 13:51:03

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits M
 2.152 (1.180-3.125) 645350 50.0 55.3 M
 \$ 2 o-Terphenyl
 4.075 4.075 0.000 29104 2.00 2.11

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG105MinL1_00014

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171201.D

Injection Date: 23-May-2018 12:02:43

Instrument ID: CBNAGC3

Lims ID: STD1

Client ID:

Operator ID: 615

ALS Bottle#: 7

Worklist Smp#: 2

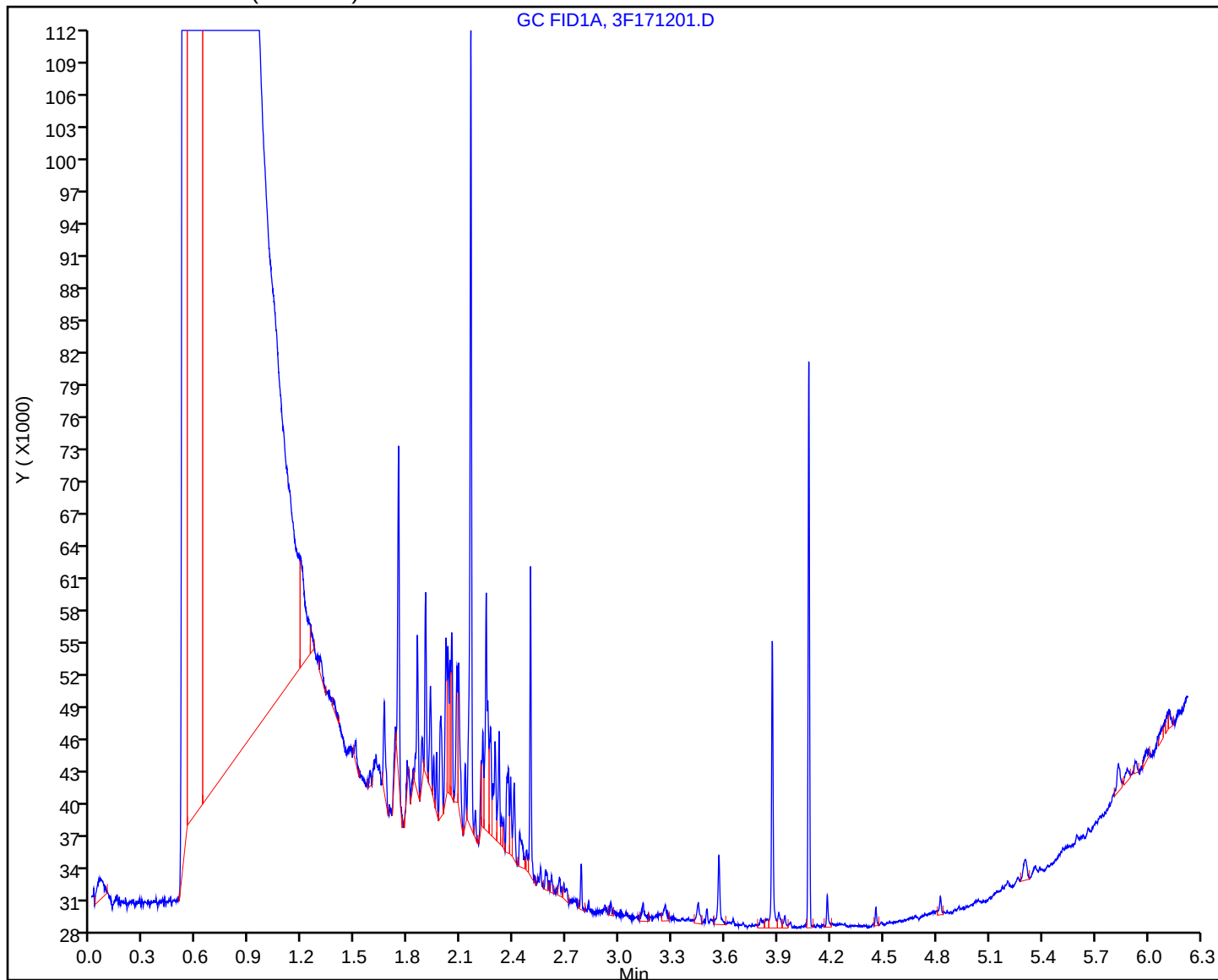
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CBNAGC3\\20180523-72539.b\\3F171201.D

Injection Date: 23-May-2018 12:02:43

Instrument ID: CBNAGC3

Lims ID: STD1

Client ID:

Operator ID: 615

ALS Bottle#: 7

Worklist Smp#: 2

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

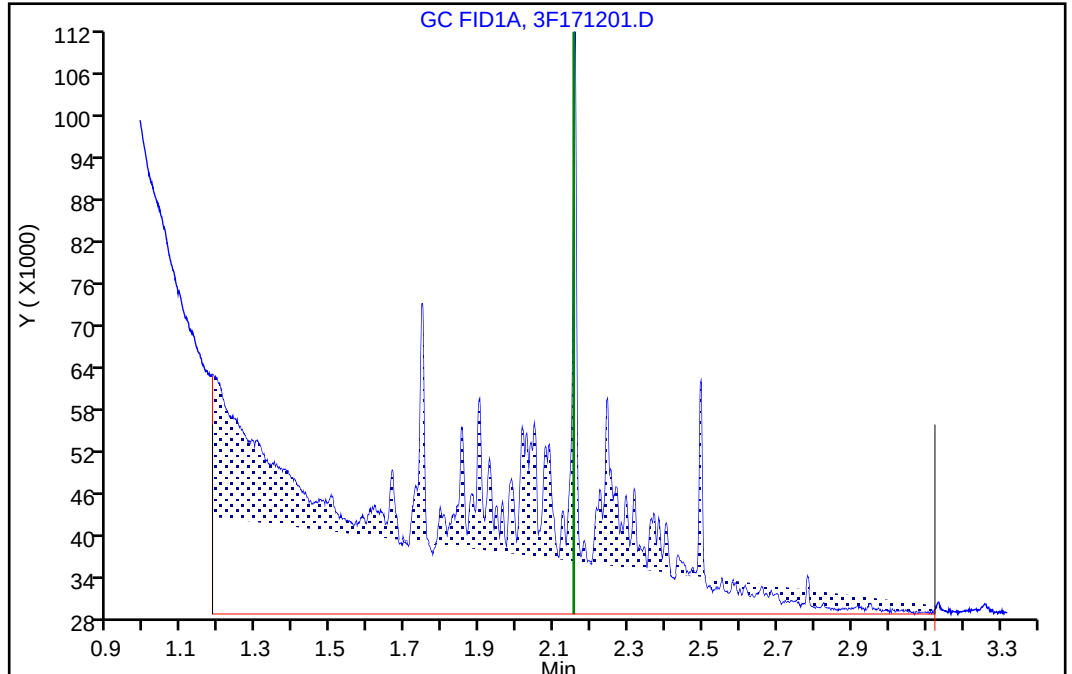
Detector: GC FID1A

A 1 Mineral Spirits, RT: 2.152, CAS: 64475-85-0

Signal: 1

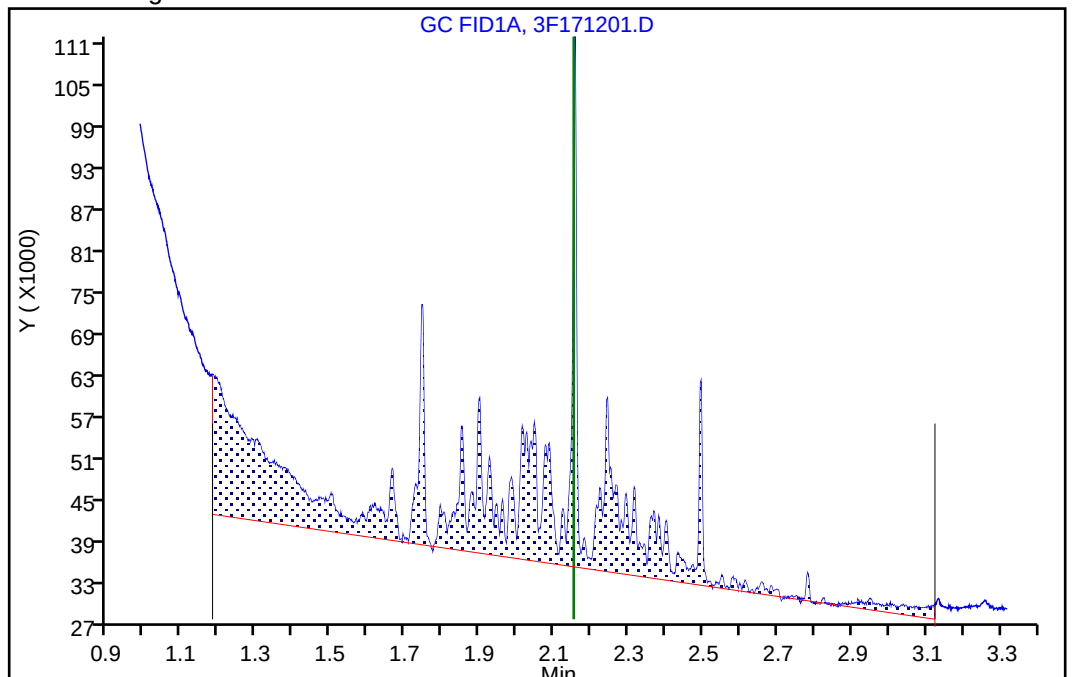
RT: 2.15
Response: 1376009
Amount: 94.288868

Processing Integration Results



RT: 2.15
Response: 645350
Amount: 55.295599

Manual Integration Results



Reviewer: mendezb, 23-May-2018 14:52:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171203.D
 Lims ID: STD3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 23-May-2018 12:25:40 ALS Bottle#: 9 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0072539-004
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 23-May-2018 15:17:21 Calib Date: 23-May-2018 14:15:29
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: XAWRK010

First Level Reviewer: mendezb

Date: 23-May-2018 13:50:58

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.152	(1.180-3.125)	12085916	1000.0	1035.6

\$ 2 o-Terphenyl

4.075	4.075	0.000	549950	40.0	39.9

Reagents:

SG105MinL3_00012

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171203.D

Injection Date: 23-May-2018 12:25:40

Instrument ID: CBNAGC3

Lims ID: STD3

Client ID:

Operator ID: 615

ALS Bottle#: 9

Worklist Smp#: 4

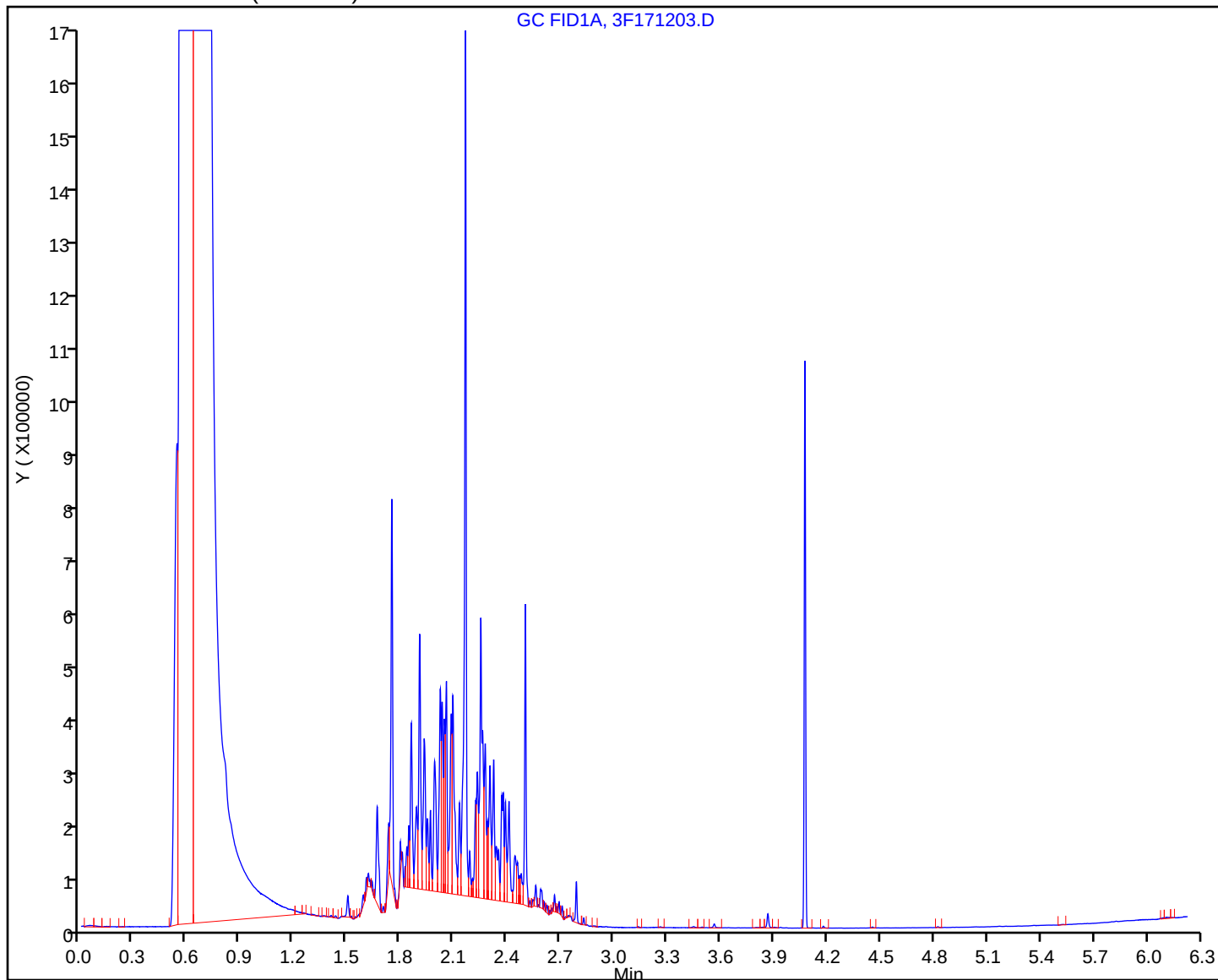
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171204.D
 Lims ID: STD4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 23-May-2018 12:37:09 ALS Bottle#: 10 Worklist Smp#: 5
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0072539-005
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 23-May-2018 15:17:24 Calib Date: 23-May-2018 14:15:29
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: XAWRK010

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 2.152 (1.180-3.125) 28379313 2500.0 2431.6

\$ 2 o-Terphenyl
 4.078 4.075 0.003 1336312 100.0 97.0

Reagents:

SG105MinL4_00011 Amount Added: 1.00 Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171204.D

Injection Date: 23-May-2018 12:37:09

Instrument ID: CBNAGC3

Lims ID: STD4

Client ID:

Operator ID: 615

ALS Bottle#: 10

Worklist Smp#: 5

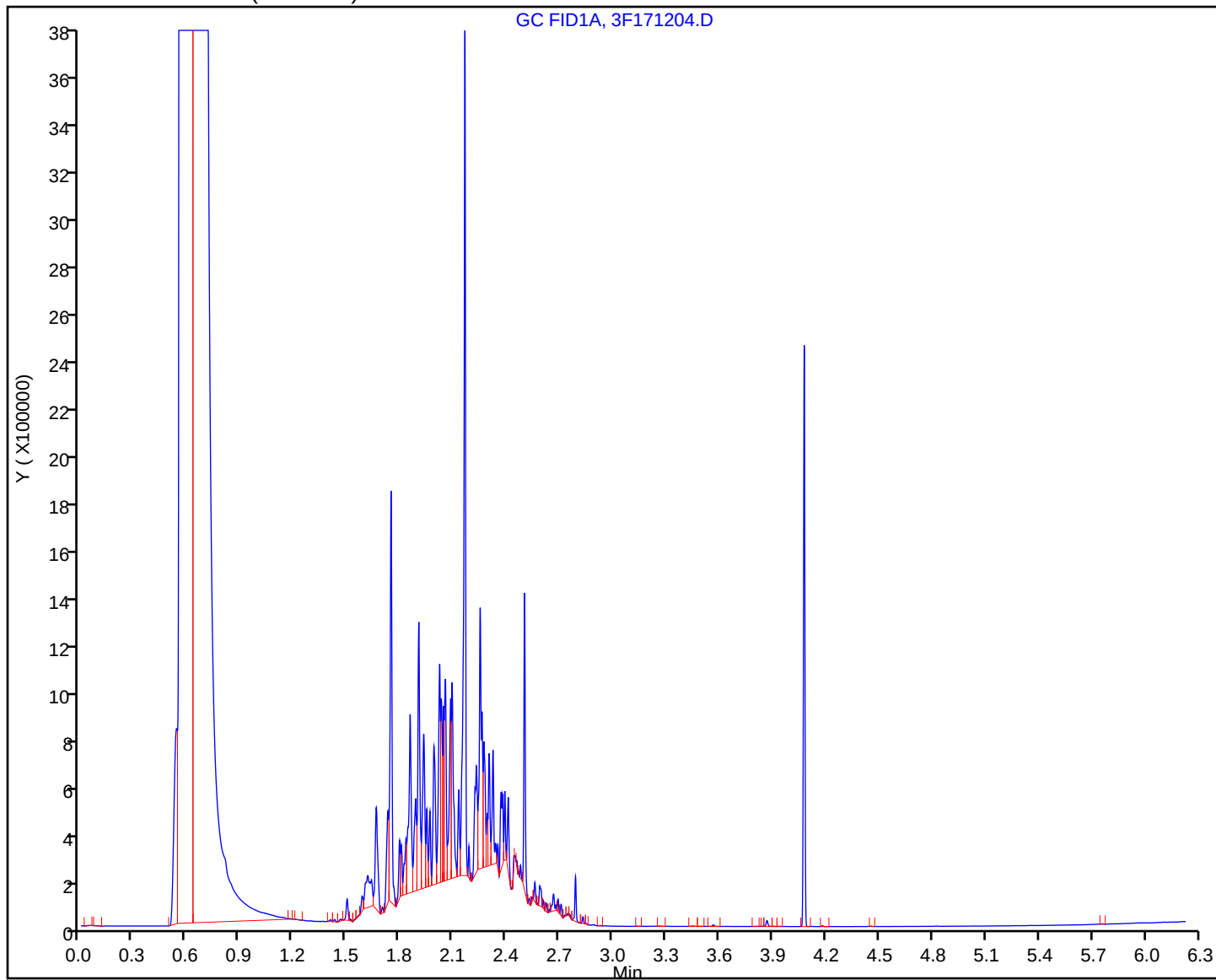
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171205.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 23-May-2018 13:31:48 ALS Bottle#: 11 Worklist Smp#: 6
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0072539-006
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 23-May-2018 15:17:25 Calib Date: 23-May-2018 14:15:29
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: XAWRK010

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 2.152 (1.180-3.125) 51007621 5000.0 4370.5

\$ 2 o-Terphenyl
 4.080 4.075 0.005 2722747 200.0 197.6

Reagents:

SG105MinL5_00013 Amount Added: 1.00 Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171205.D

Injection Date: 23-May-2018 13:31:48

Instrument ID: CBNAGC3

Lims ID: STD5

Client ID:

Operator ID: 615

ALS Bottle#: 11

Worklist Smp#: 6

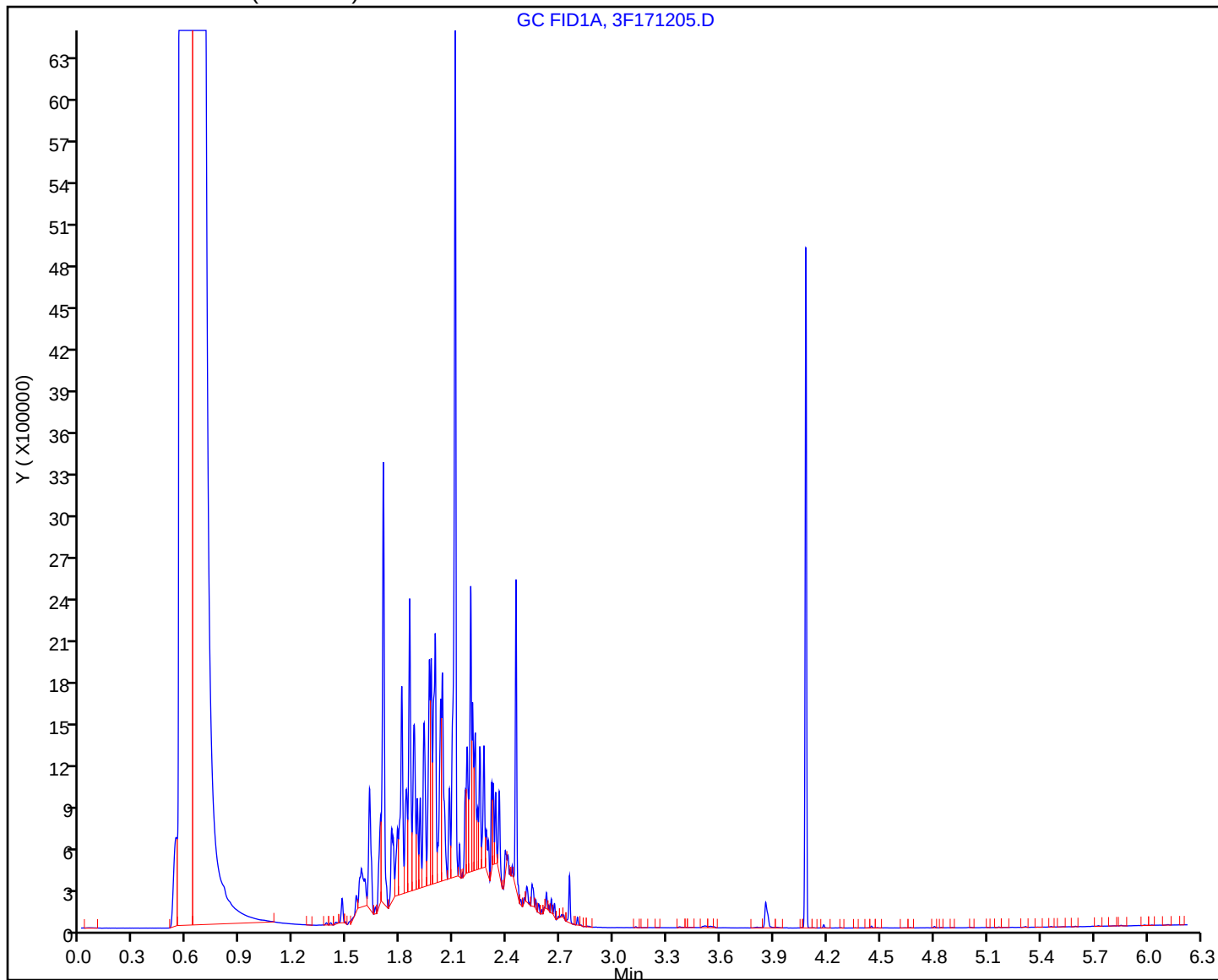
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
 Lims ID: STD2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 23-May-2018 14:15:29 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0072539-003
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 24-May-2018 09:30:17 Calib Date: 23-May-2018 14:15:29
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: XAWRK017

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 2.152 (1.189-3.134) 5904194 500.0 505.9

\$ 2 o-Terphenyl
 4.076 4.084 -0.008 272522 20.0 19.8

Reagents:

SG105MinL2_00012 Amount Added: 1.00 Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D

Injection Date: 23-May-2018 14:15:29

Instrument ID: CBNAGC3

Lims ID: STD2

Client ID:

Operator ID: 615

ALS Bottle#: 8

Worklist Smp#: 8

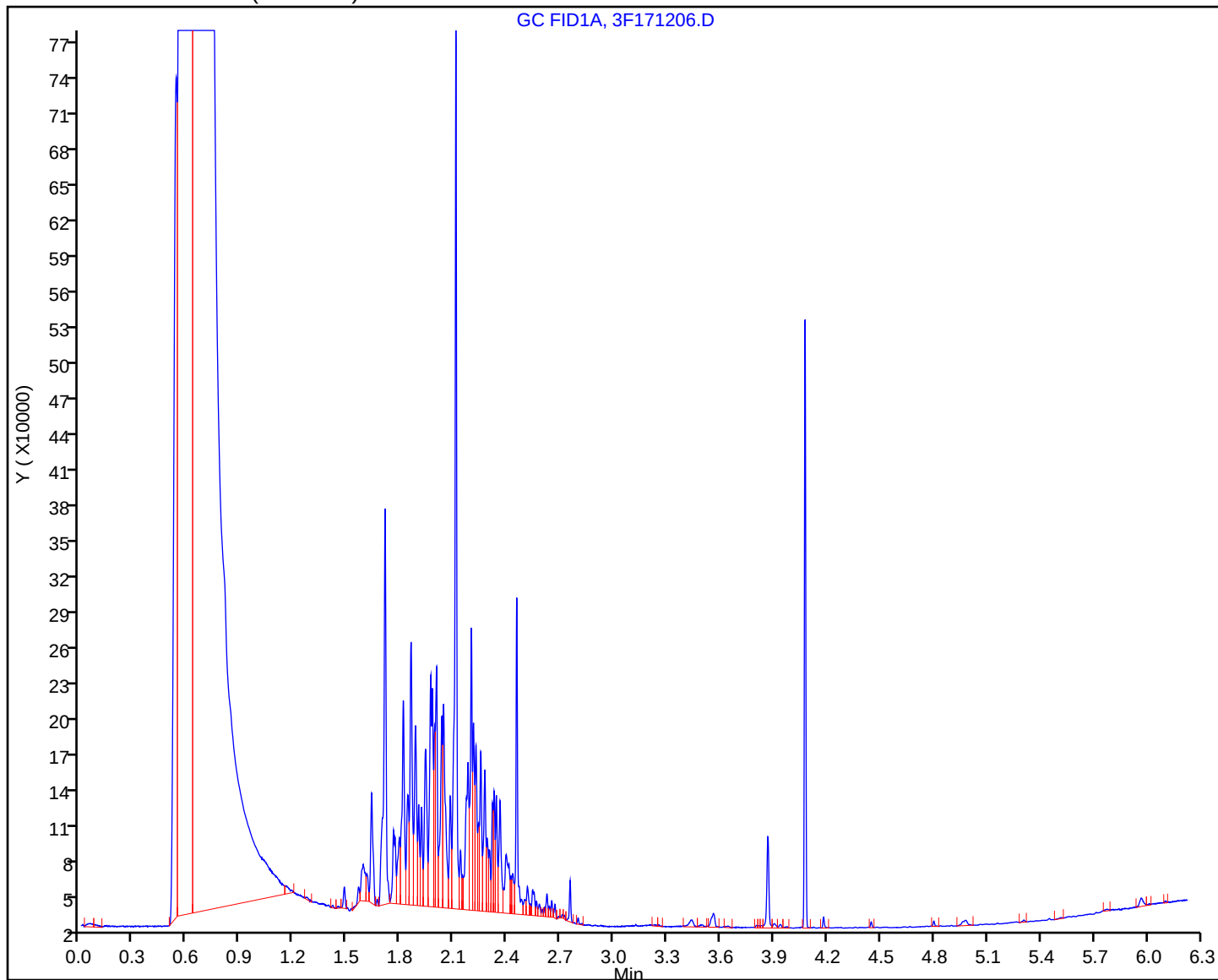
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Lab Sample ID: CCV 460-643557/2 Calibration Date: 10/01/2019 13:42
Instrument ID: CBNAGC3 Calib Start Date: 05/23/2018 12:02
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 05/23/2018 14:15
Lab File ID: 3F184801.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	11671	12408		1060	1000	6.3	20.0
o-Terphenyl	Ave	13781	14905		43.3	40.0	8.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Lab Sample ID: CCV 460-643557/2 Calibration Date: 10/01/2019 13:42
Instrument ID: CBNAGC3 Calib Start Date: 05/23/2018 12:02
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 05/23/2018 14:15
Lab File ID: 3F184801.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	1.91	0.94	2.88
o-Terphenyl	3.83	3.78	3.88

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184801.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 01-Oct-2019 13:42:39 ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-002
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 15:24:07 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

First Level Reviewer: mendezb

Date: 01-Oct-2019 15:21:04

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.910 (0.937-2.882) 12407671 1000.0 1063.1

\$ 2 o-Terphenyl

3.832 3.832 0.000 596214 40.0 43.3

Reagents:

SG105MinL3_00014

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184801.D

Injection Date: 01-Oct-2019 13:42:39

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 2

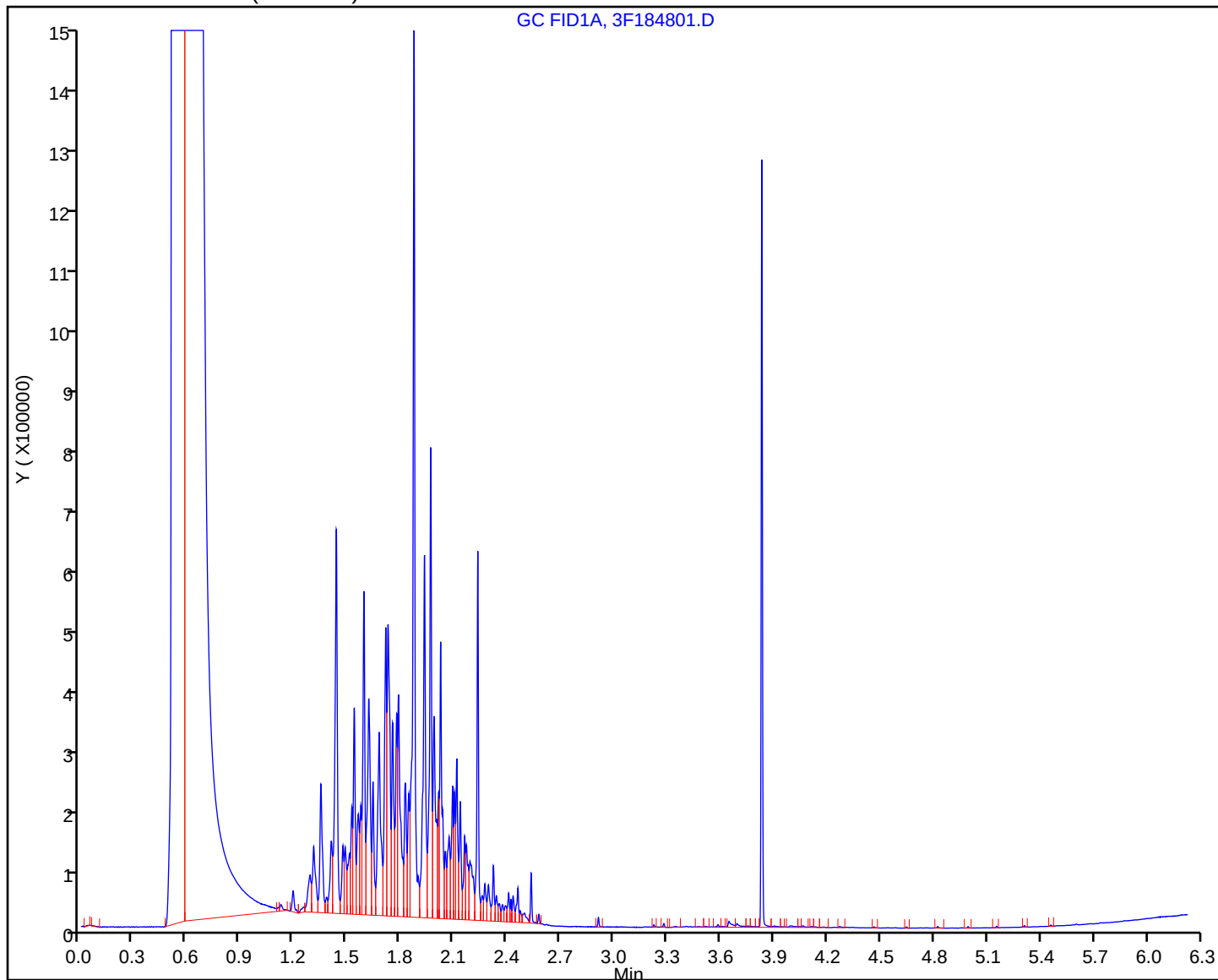
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Lab Sample ID: CCV 460-643557/14 Calibration Date: 10/01/2019 15:59
Instrument ID: CBNAGC3 Calib Start Date: 05/23/2018 12:02
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 05/23/2018 14:15
Lab File ID: 3F184813.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	11671	12777		1090	1000	9.5	20.0
o-Terphenyl	Ave	13781	15687		45.5	40.0	13.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Lab Sample ID: CCV 460-643557/14 Calibration Date: 10/01/2019 15:59
Instrument ID: CBNAGC3 Calib Start Date: 05/23/2018 12:02
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 05/23/2018 14:15
Lab File ID: 3F184813.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	1.91	0.94	2.88
o-Terphenyl	3.84	3.78	3.88

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184813.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 01-Oct-2019 15:59:34 ALS Bottle#: 5 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-014
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 16:14:30 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

First Level Reviewer: mendezb

Date: 01-Oct-2019 16:14:24

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.910 (0.937-2.882) 12777466 1000.0 1094.8

\$ 2 o-Terphenyl

3.837 3.832 0.005 627489 40.0 45.5

Reagents:

SG105MinL3_00014

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184813.D

Injection Date: 01-Oct-2019 15:59:34

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 14

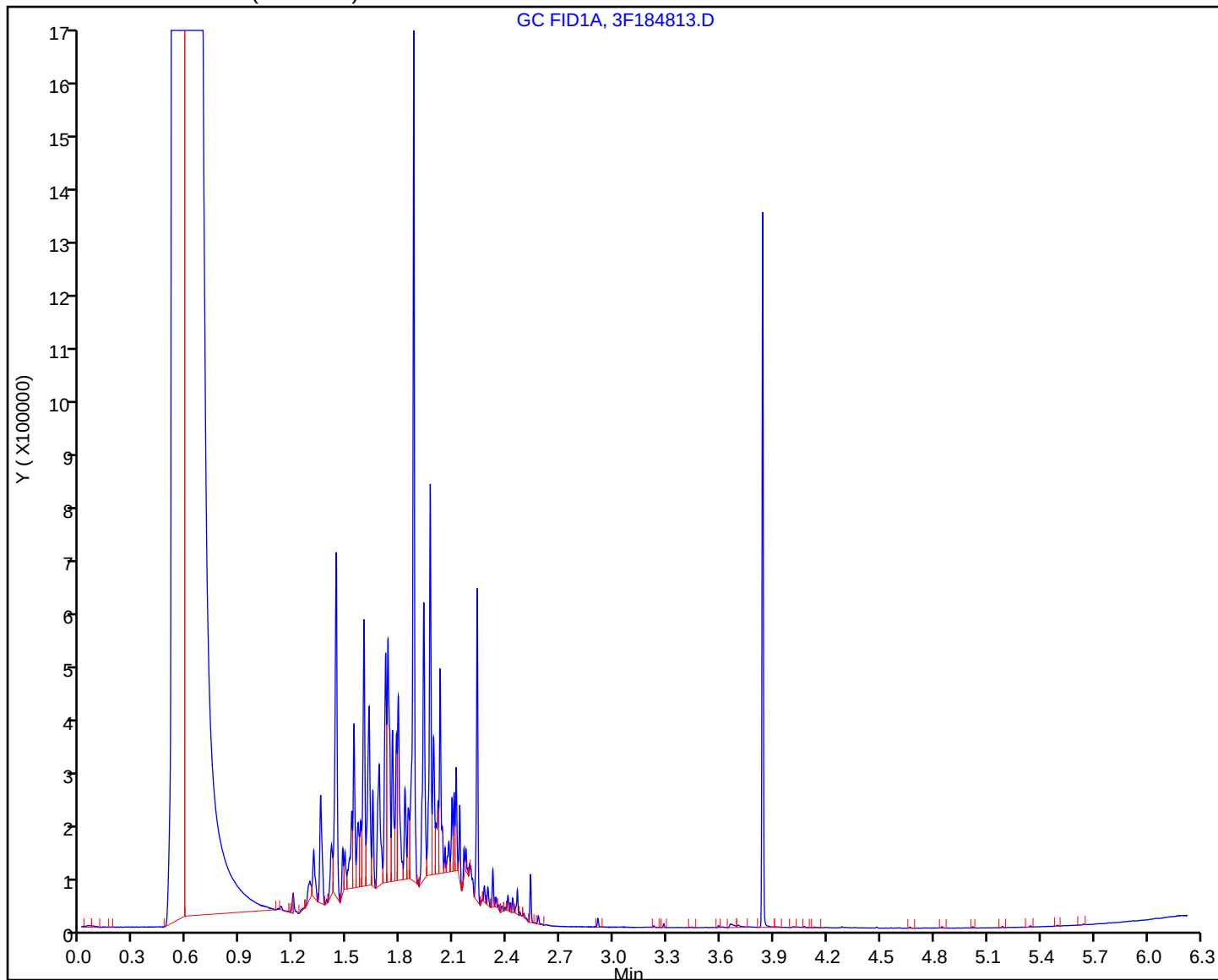
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Lab Sample ID: CCV 460-643557/26 Calibration Date: 10/01/2019 18:16
Instrument ID: CBNAGC3 Calib Start Date: 05/23/2018 12:02
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 05/23/2018 14:15
Lab File ID: 3F184825.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	11671	12604		1080	1000	8.0	20.0
o-Terphenyl	Ave	13781	15337		44.5	40.0	11.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Lab Sample ID: CCV 460-643557/26 Calibration Date: 10/01/2019 18:16
Instrument ID: CBNAGC3 Calib Start Date: 05/23/2018 12:02
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 05/23/2018 14:15
Lab File ID: 3F184825.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	1.91	0.94	2.88
o-Terphenyl	3.86	3.78	3.88

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184825.D
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 01-Oct-2019 18:16:07 ALS Bottle#: 5 Worklist Smp#: 26
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0098531-026
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 01-Oct-2019 20:14:10 Calib Date: 23-May-2018 14:15:29
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX0329

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 1.910 (0.937-2.882) 12604271 1000.0 1080.0

\$ 2 o-Terphenyl
 3.863 3.832 0.031 613468 40.0 44.5

Reagents:

SG105MinL3_00014 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184825.D

Injection Date: 01-Oct-2019 18:16:07

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 26

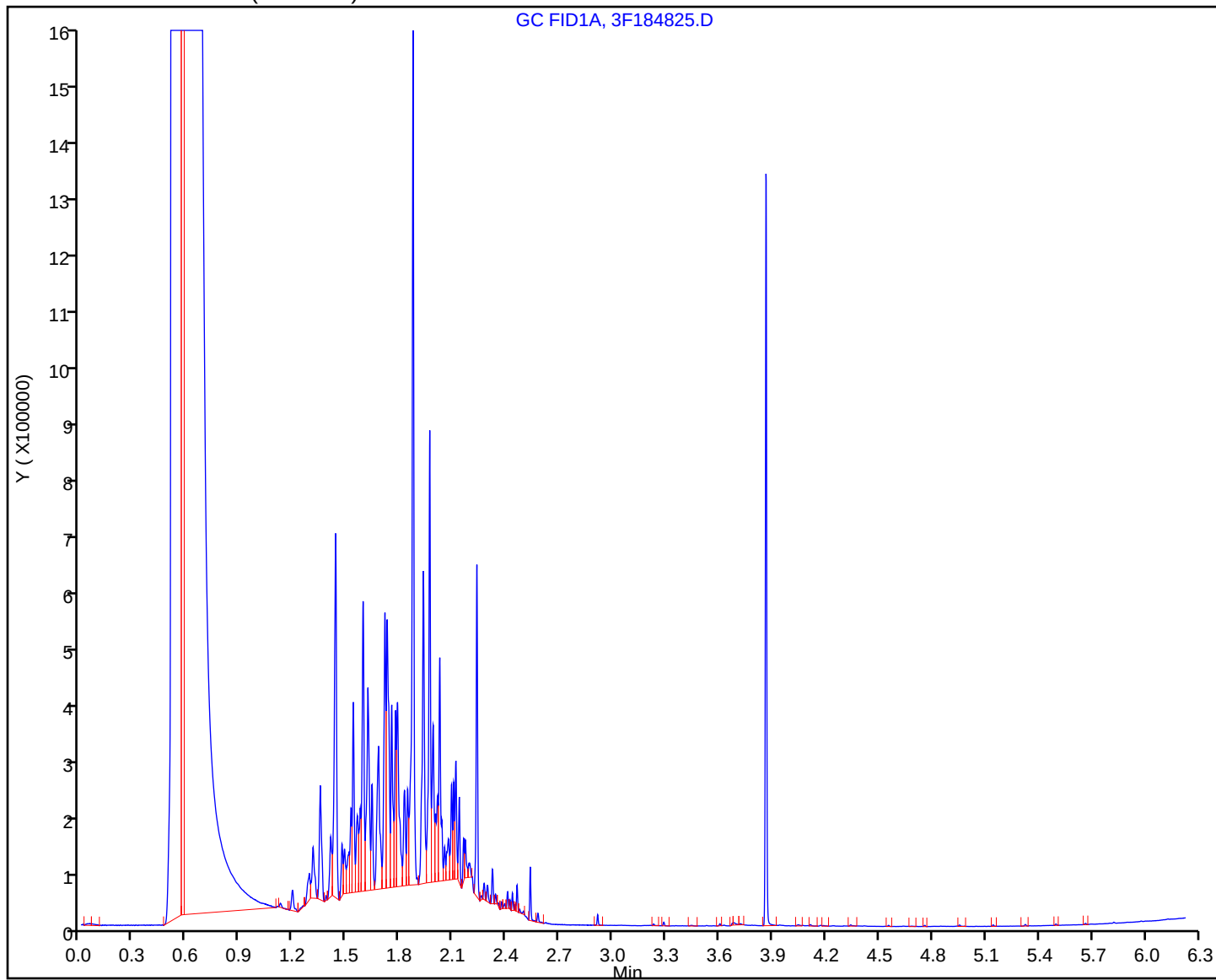
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Lab Sample ID: CCV 460-643557/30 Calibration Date: 10/01/2019 19:01
Instrument ID: CBNAGC3 Calib Start Date: 05/23/2018 12:02
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 05/23/2018 14:15
Lab File ID: 3F184829.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	11671	12305		1050	1000	5.4	20.0
o-Terphenyl	Ave	13781	14971		43.5	40.0	8.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Lab Sample ID: CCV 460-643557/30 Calibration Date: 10/01/2019 19:01
Instrument ID: CBNAGC3 Calib Start Date: 05/23/2018 12:02
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 05/23/2018 14:15
Lab File ID: 3F184829.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	1.91	0.94	2.88
o-Terphenyl	3.86	3.78	3.88

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184829.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 01-Oct-2019 19:01:41 ALS Bottle#: 5 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-030
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 20:14:12 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0329

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.910	(0.937-2.882)		12305448	1000.0	1054.4	

\$ 2 o-Terphenyl

3.861	3.832	0.029	598834	40.0	43.5	

Reagents:

SG105MinL3_00014

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184829.D

Injection Date: 01-Oct-2019 19:01:41

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 30

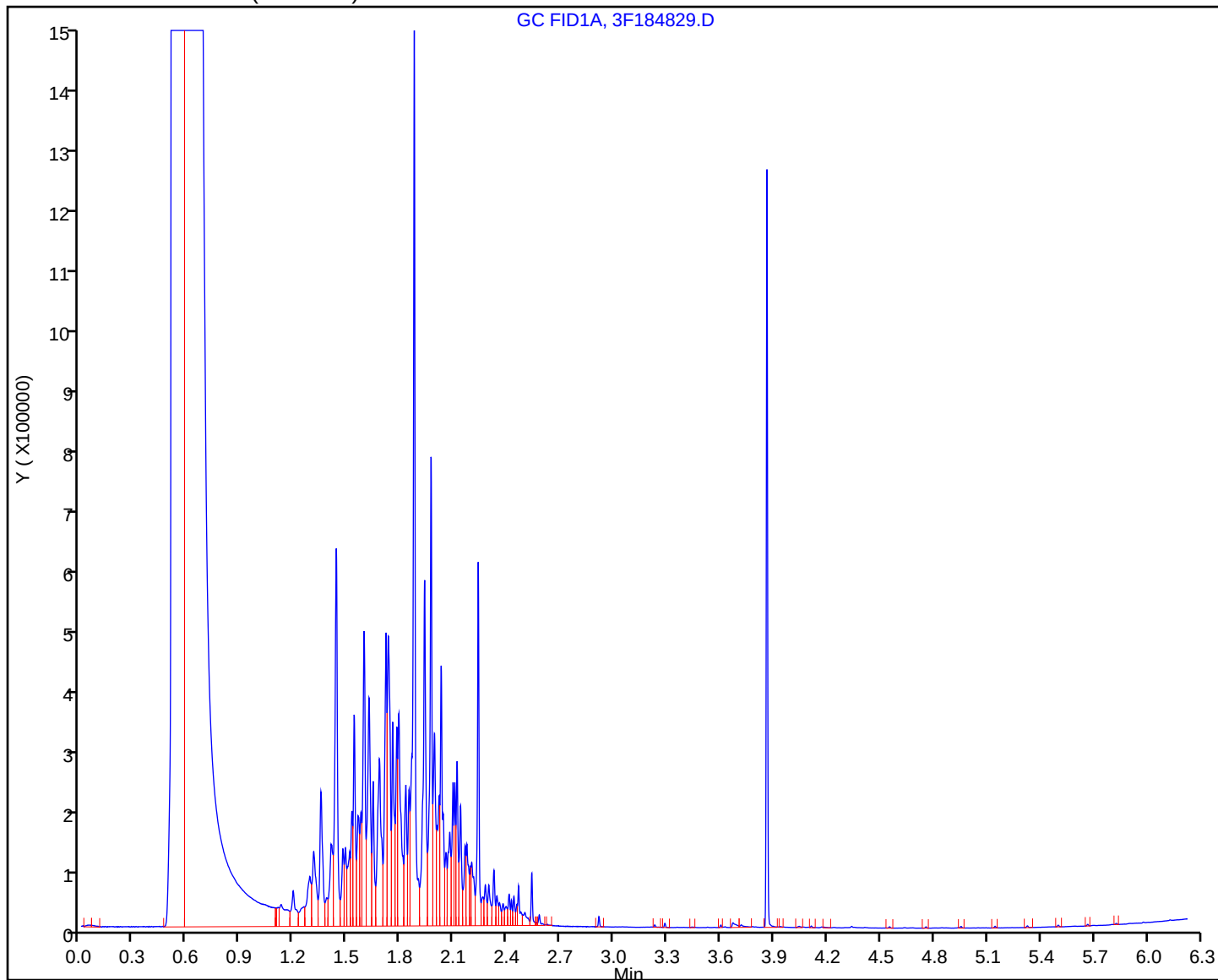
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-643421/1-A
 Matrix: Water Lab File ID: 3F184802.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/30/2019 19:32
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/01/2019 13:54
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 643557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	88		42-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184802.D
Lims ID: MB 460-643421/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Oct-2019 13:54:03 ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-003
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 15:24:07 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

First Level Reviewer: mendezb

Date: 01-Oct-2019 15:21:26

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.834	3.832	0.002	241610	20.0	17.5	

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184802.D

Injection Date: 01-Oct-2019 13:54:03

Instrument ID: CBNAGC3

Lims ID: MB 460-643421/1-A

Client ID:

Operator ID: 615

ALS Bottle#: 6

Worklist Smp#: 3

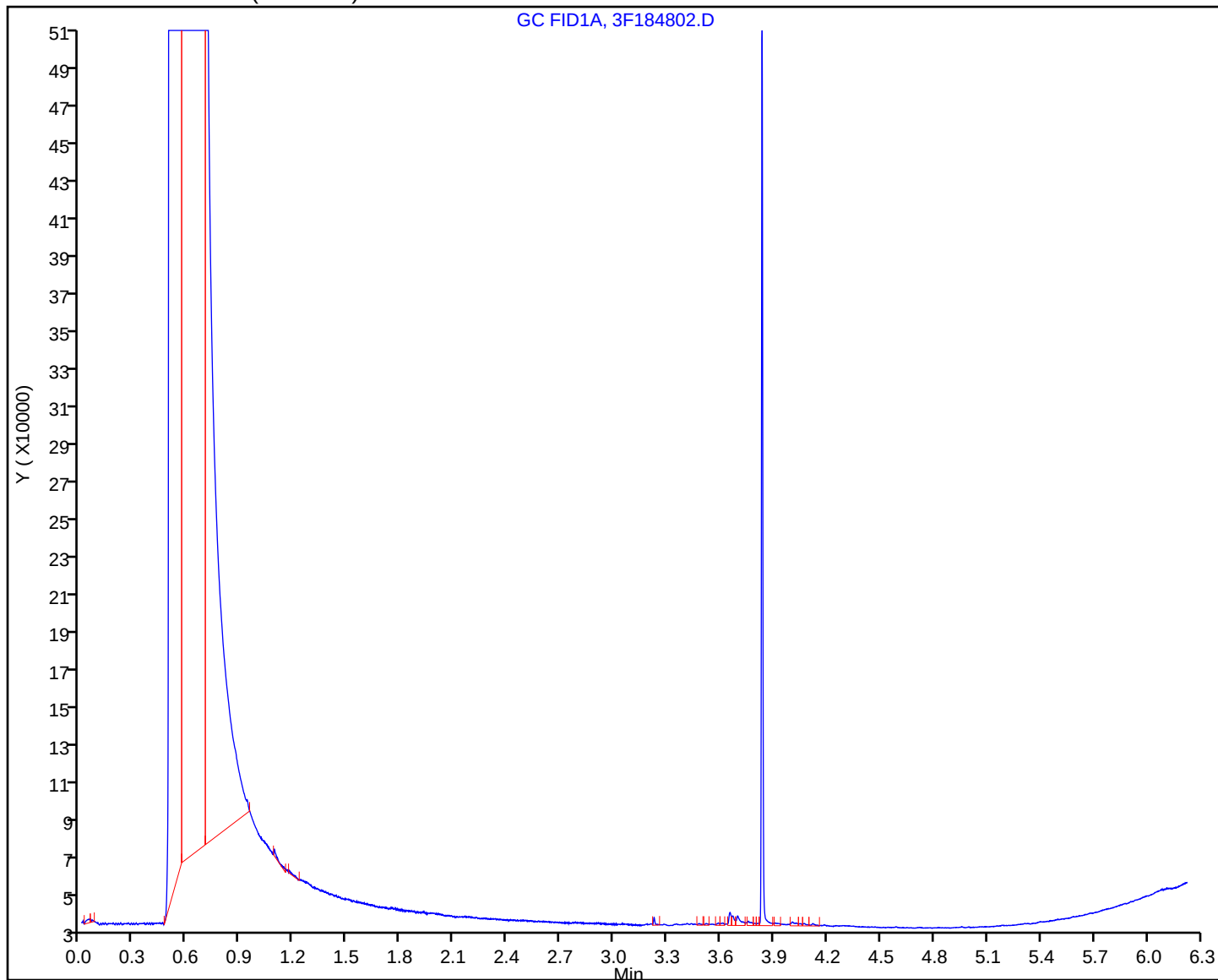
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184802.D

Injection Date: 01-Oct-2019 13:54:03

Instrument ID: CBNAGC3

Lims ID: MB 460-643421/1-A

Client ID:

Operator ID: 615

ALS Bottle#:

6

Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: MS3F

Limit Group:

GC 8015C DRO ICAL

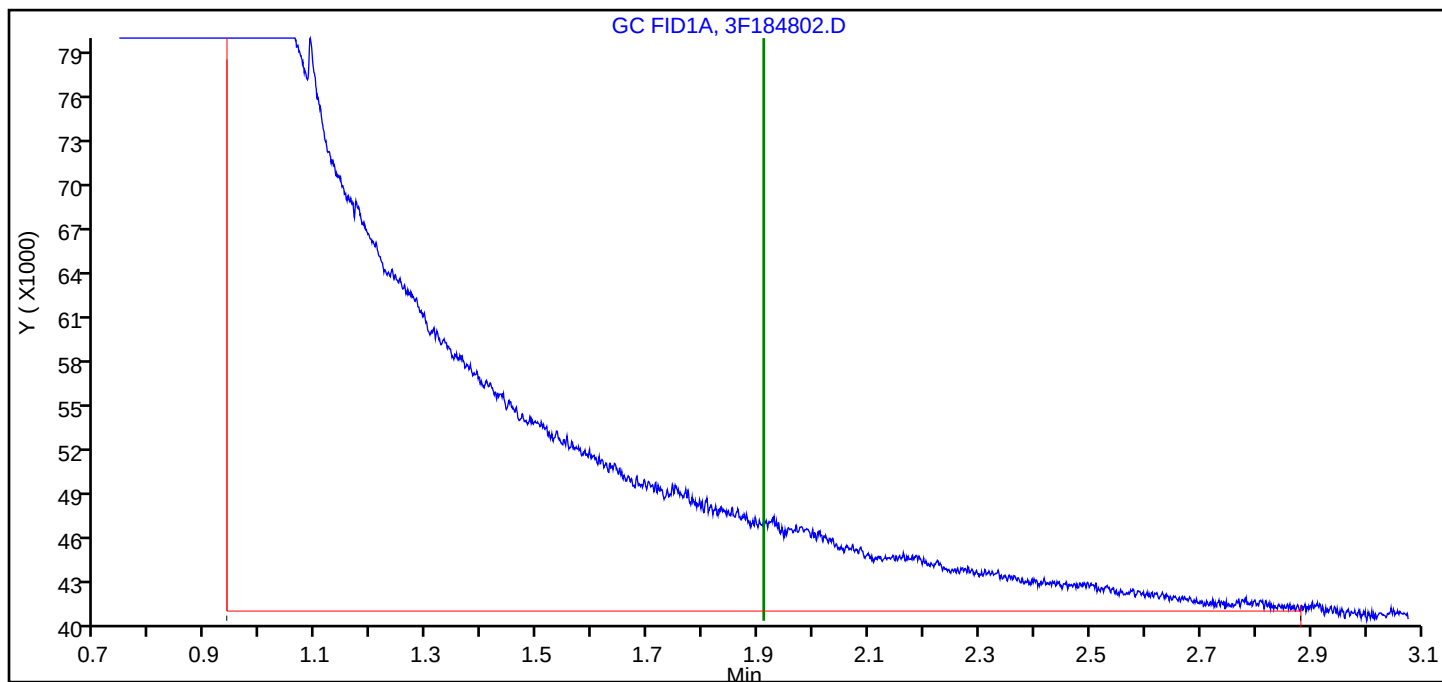
Column: Rtx Mineral Oil (0.32 mm)

Detector

GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
1.91	1.91	1290645	110.5865

Reviewer: mendezb, 01-Oct-2019 15:21:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-643557/1
Matrix: Water Lab File ID: 3F184800.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 10/01/2019 13:31
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 643557 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	111		42-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184800.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 01-Oct-2019 13:31:09 ALS Bottle#: 4 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-001
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 15:23:59 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

First Level Reviewer: mendezb

Date: 01-Oct-2019 15:21:10

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.838 3.832 0.006 609615 40.0 44.2

Reagents:

SGPIBLKDRO_00017 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184800.D

Injection Date: 01-Oct-2019 13:31:09

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 1

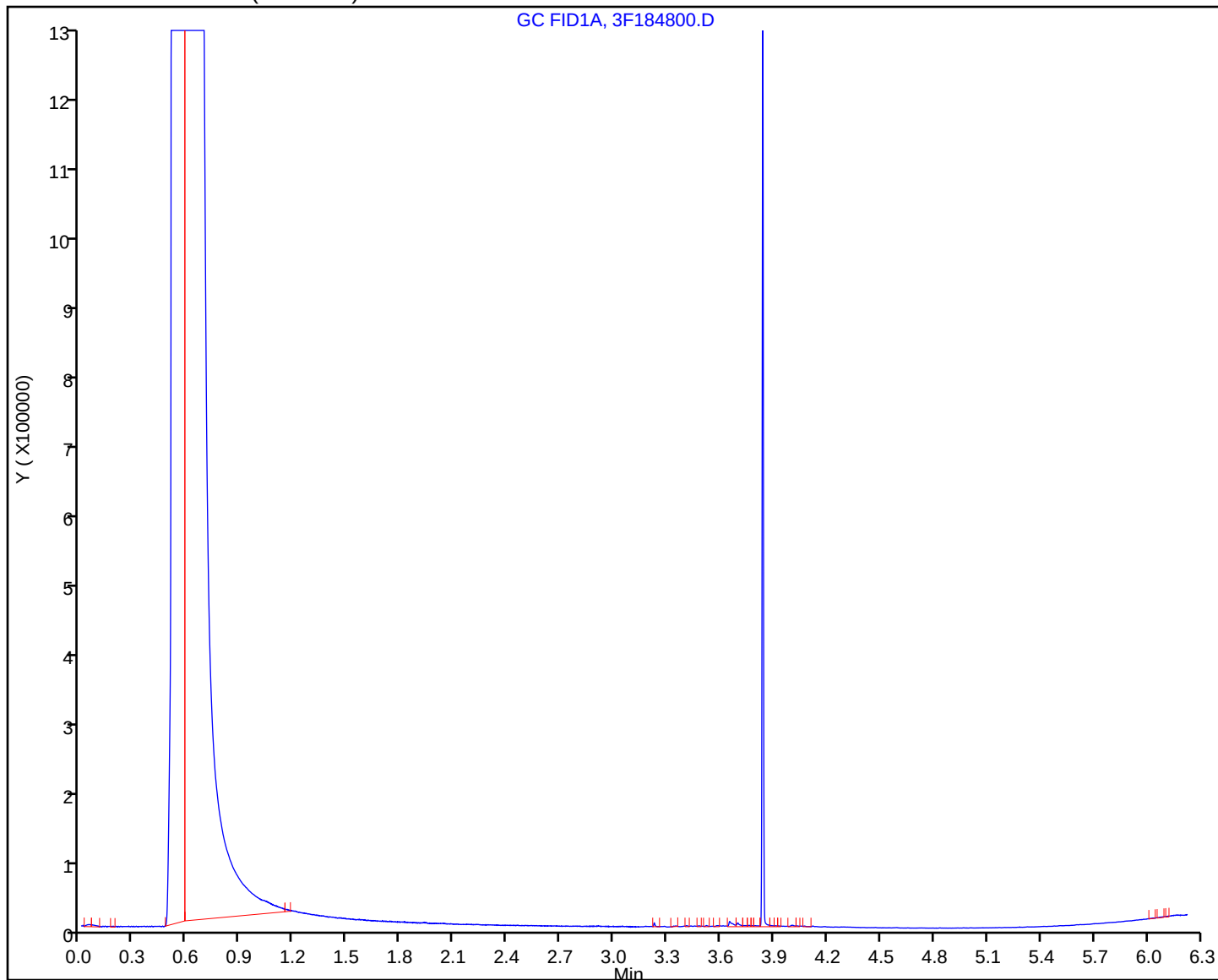
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184800.D

Injection Date: 01-Oct-2019 13:31:09

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4 Worklist Smp#: 1

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

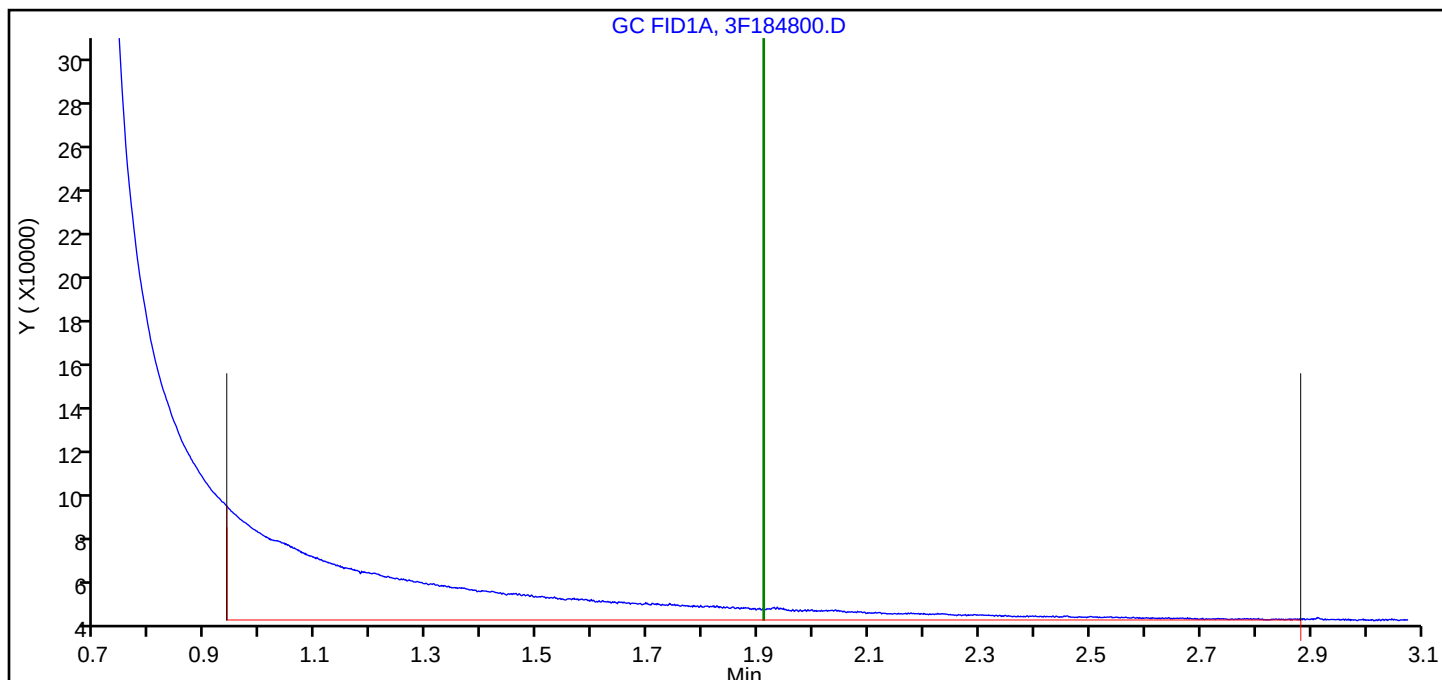
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
1.91	1.91	1094464	93.777086

Reviewer: mendezb, 01-Oct-2019 15:21:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-643557/13
 Matrix: Water Lab File ID: 3F184812.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 10/01/2019 15:48
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 643557 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	113		42-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184812.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 01-Oct-2019 15:48:08 ALS Bottle#: 4 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-013
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 16:05:42 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

First Level Reviewer: mendezb

Date: 01-Oct-2019 16:05:42

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.839 3.832 0.007 624714 40.0 45.3

Reagents:

SGPIBLKDRO_00017 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184812.D

Injection Date: 01-Oct-2019 15:48:08

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 13

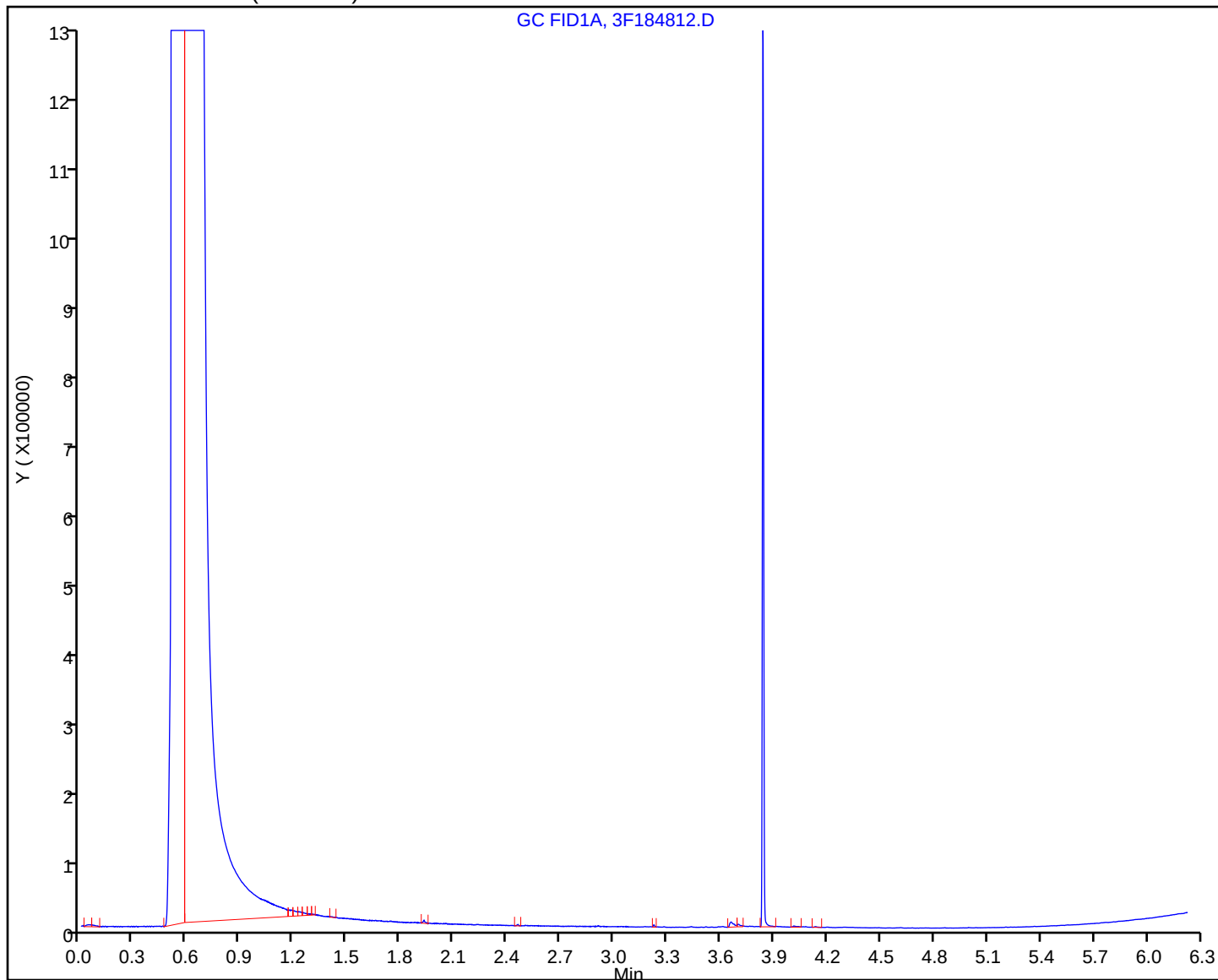
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184812.D

Injection Date: 01-Oct-2019 15:48:08

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#:

4

Worklist Smp#: 13

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: MS3F

Limit Group:

GC 8015C DRO ICAL

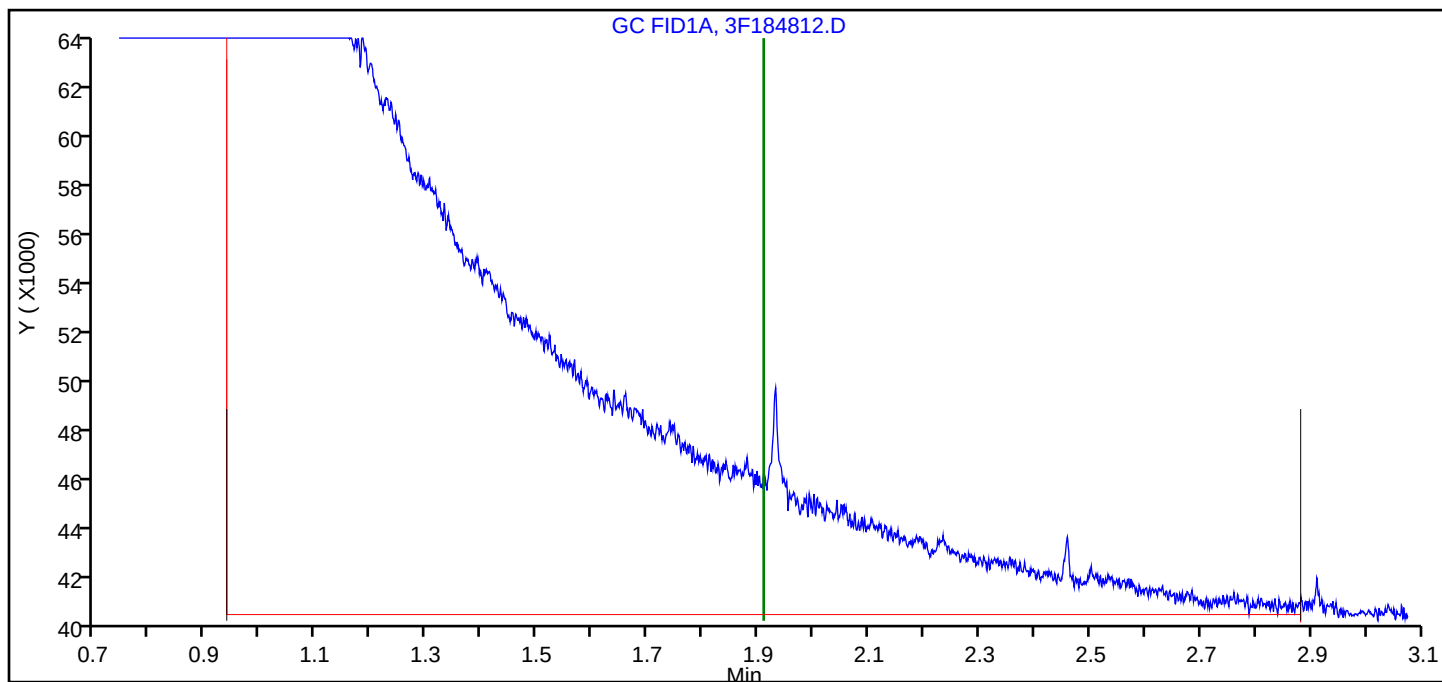
Column: Rtx Mineral Oil (0.32 mm)

Detector

GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
1.91	1.91	1121565	96.099185

Reviewer: mendezb, 01-Oct-2019 16:05:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-643557/25
Matrix: Water Lab File ID: 3F184824.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1 (mL) Date Analyzed: 10/01/2019 18:04
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 643557 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	115		42-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184824.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 01-Oct-2019 18:04:44 ALS Bottle#: 4 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-025
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 20:13:56 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0329

First Level Reviewer: zhangyi

Date: 01-Oct-2019 20:13:48

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.868 3.832 0.036 635001 40.0 46.1

Reagents:

SGPIBLKDRO_00017 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184824.D

Injection Date: 01-Oct-2019 18:04:44

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 25

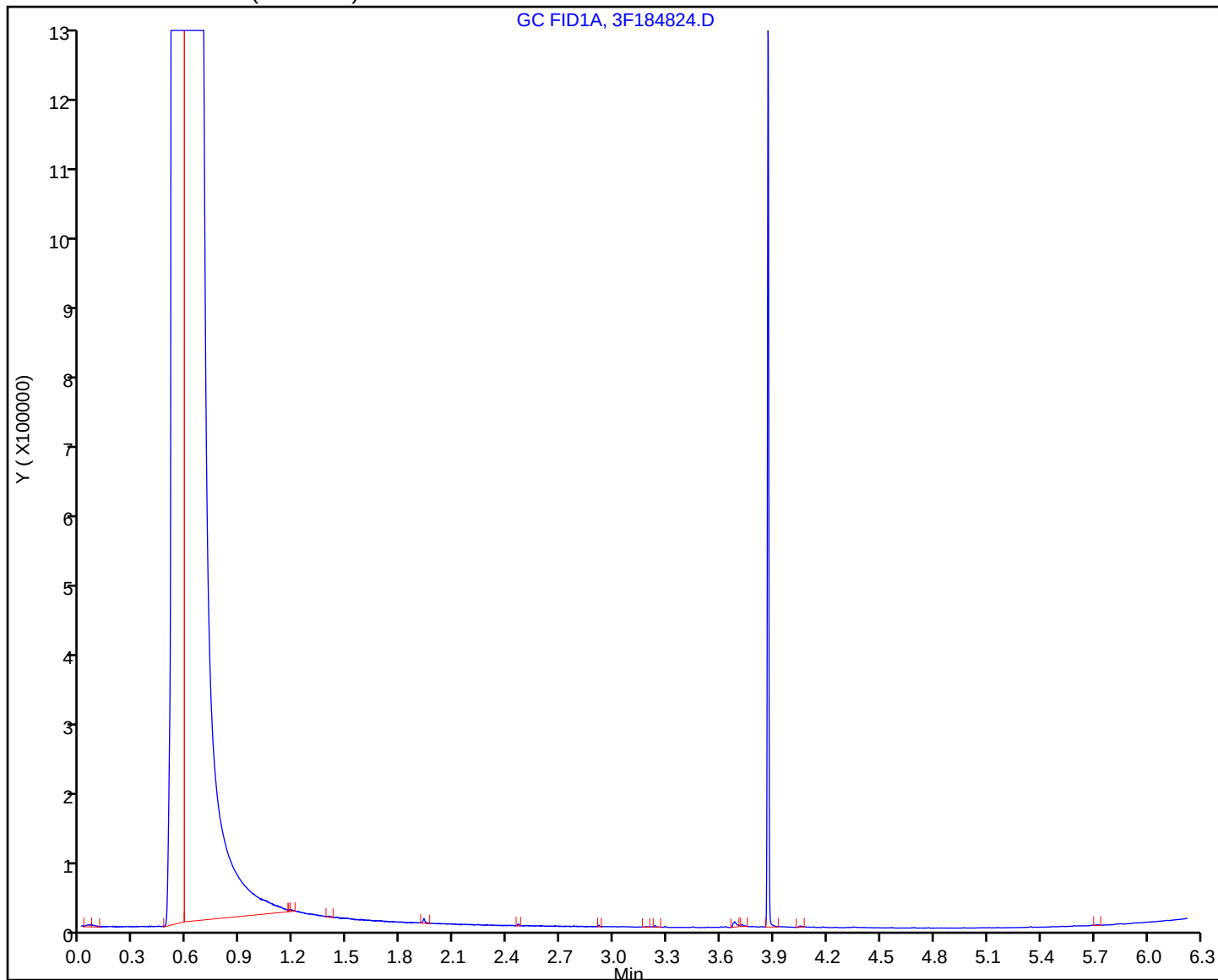
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184824.D

Injection Date: 01-Oct-2019 18:04:44

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#:

4

Worklist Smp#: 25

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: MS3F

Limit Group:

GC 8015C DRO ICAL

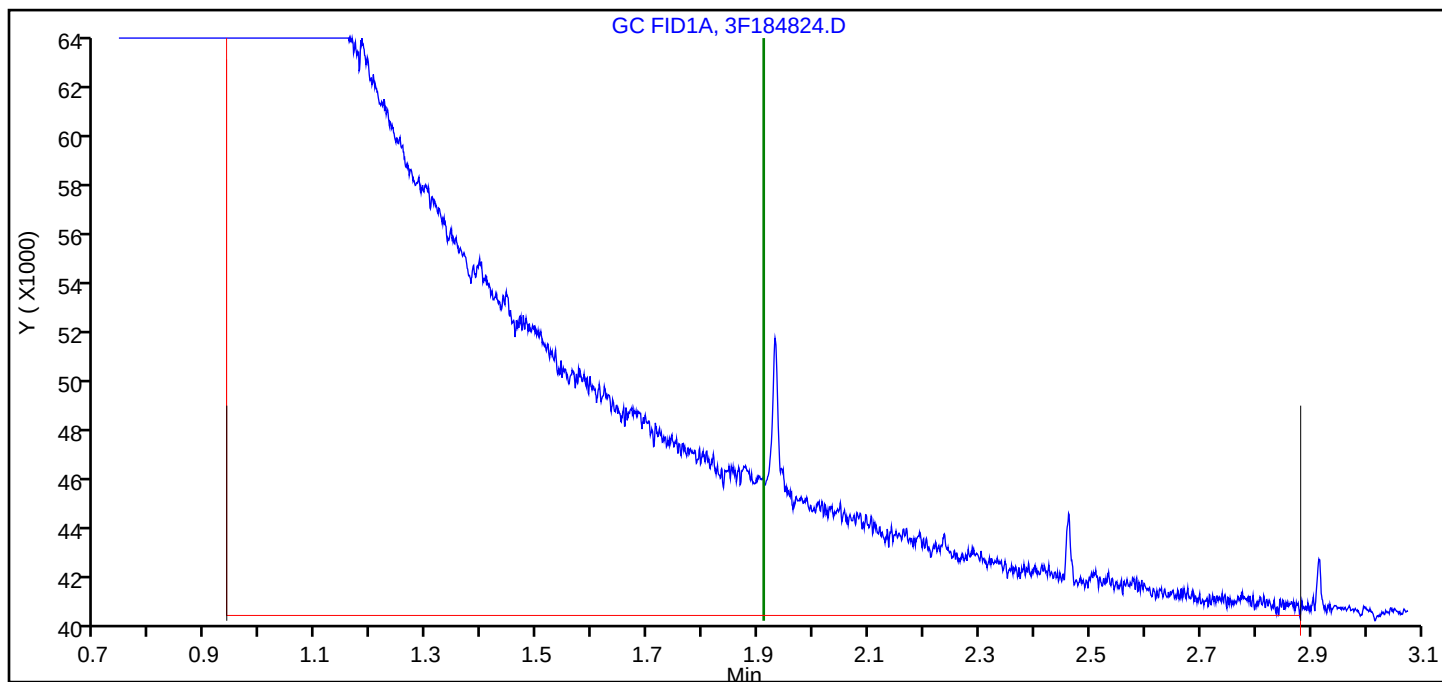
Column: Rtx Mineral Oil (0.32 mm)

Detector

GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
1.91	1.91	1102114	94.432562

Reviewer: zhangyi, 01-Oct-2019 20:13:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-643557/29
Matrix: Water Lab File ID: 3F184828.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 10/01/2019 18:50
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 643557 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0.2	*	42-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184828.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 01-Oct-2019 18:50:19 ALS Bottle#: 4 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-029
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 20:14:10 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0329

First Level Reviewer: zhangyi

Date: 01-Oct-2019 20:13:56

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.829 3.832 -0.003 1033 40.0 0.0750

Reagents:

SGPIBLKDRO_00017 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184828.D

Injection Date: 01-Oct-2019 18:50:19

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 29

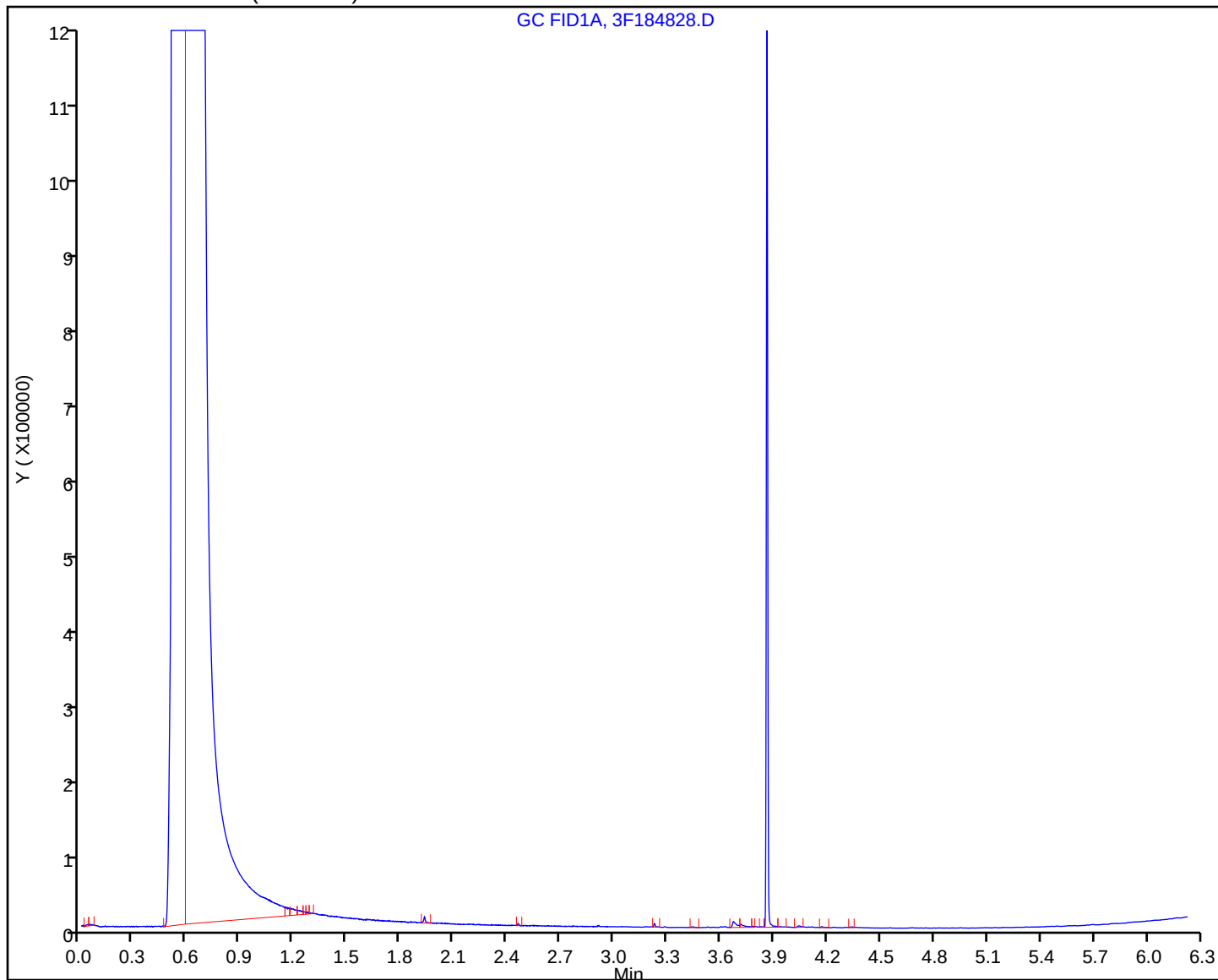
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184828.D

Injection Date: 01-Oct-2019 18:50:19

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#:

4

Worklist Smp#: 29

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: MS3F

Limit Group:

GC 8015C DRO ICAL

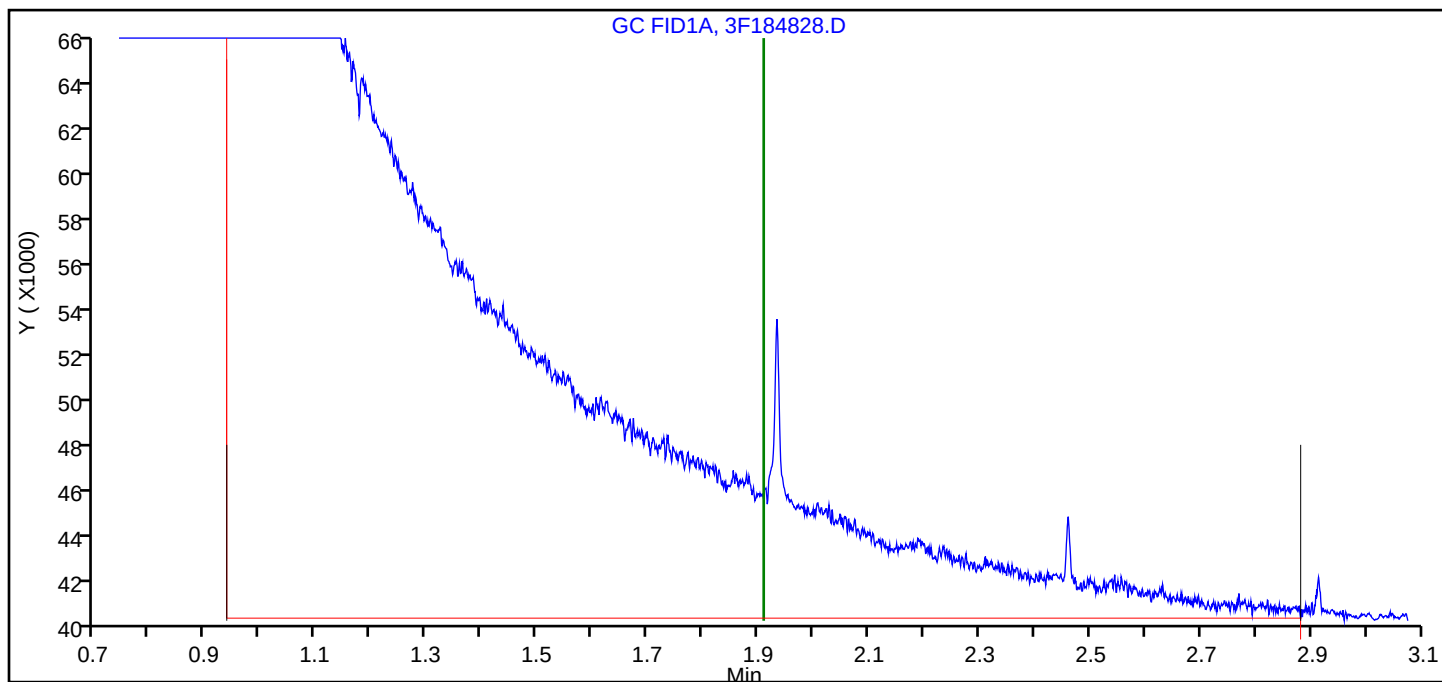
Column: Rtx Mineral Oil (0.32 mm)

Detector

GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
1.91	1.91	1144858	98.095001

Reviewer: zhangyi, 01-Oct-2019 20:13:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-643421/2-A
Matrix: Water Lab File ID: 3F184803.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 09/30/2019 19:32
Sample wt/vol: 1000 (mL) Date Analyzed: 10/01/2019 14:05
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 643557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	1500		13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		42-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184803.D
Lims ID: LCS 460-643421/2-A
Client ID:
Sample Type: LCS
Inject. Date: 01-Oct-2019 14:05:32 ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-004
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 15:24:07 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.910	(0.937-2.882)		17560254	1250.0	1504.6	

\$ 2 o-Terphenyl

3.834	3.832	0.002	262412	20.0	19.0	

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184803.D

Injection Date: 01-Oct-2019 14:05:32

Instrument ID: CBNAGC3

Lims ID: LCS 460-643421/2-A

Client ID:

Operator ID: 615

ALS Bottle#: 7

Worklist Smp#: 4

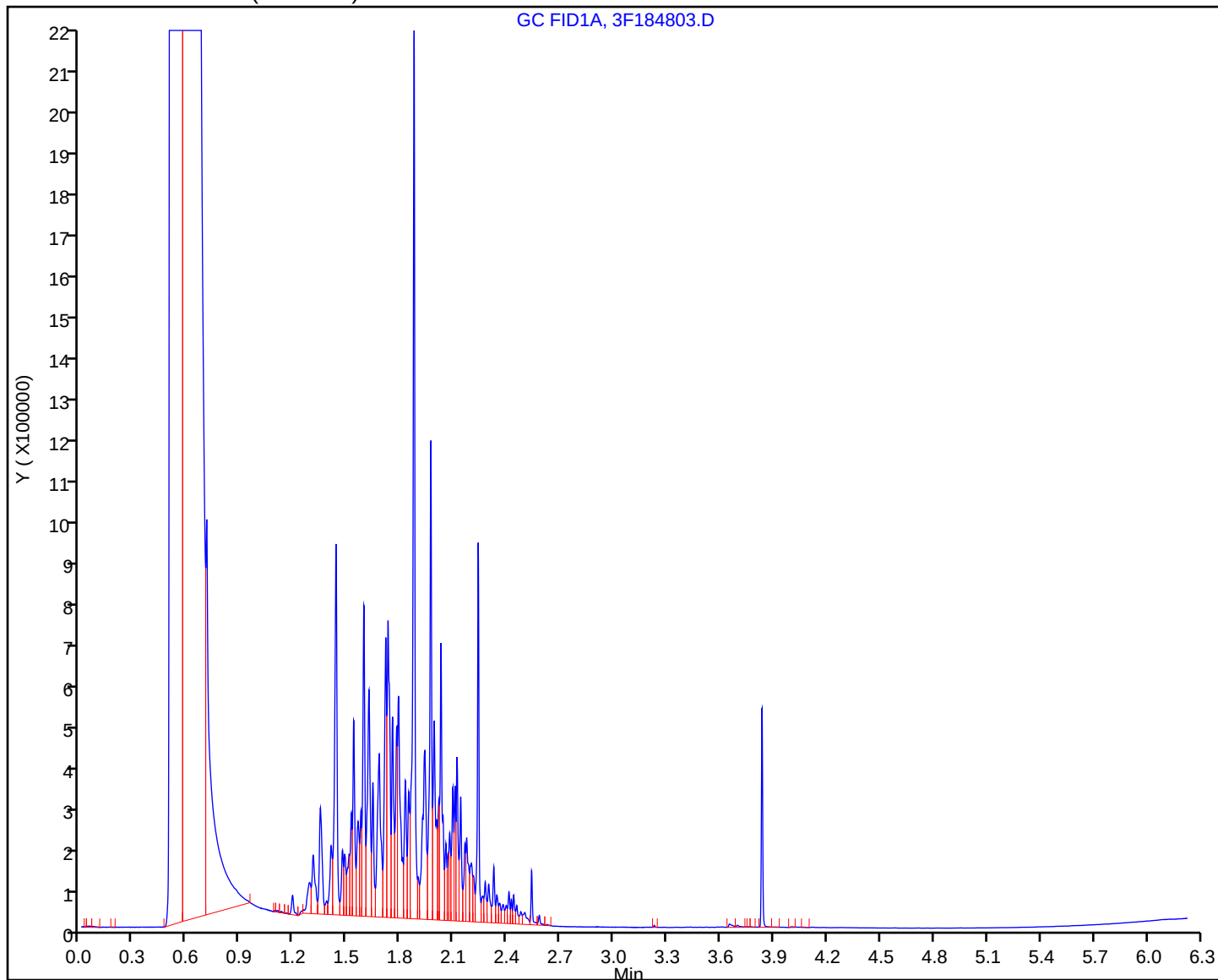
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-643421/3-A
Matrix: Water Lab File ID: 3F184804.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 09/30/2019 19:32
Sample wt/vol: 1000 (mL) Date Analyzed: 10/01/2019 14:16
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 643557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	1550		13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		42-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184804.D
Lims ID: LCSD 460-643421/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 01-Oct-2019 14:16:53 ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0098531-005
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 01-Oct-2019 15:24:07 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.910	(0.937-2.882)		18112484	1250.0	1551.9	

\$ 2 o-Terphenyl

3.835	3.832	0.003	261347	20.0	19.0	

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CBNAGC3\20191001-98531.b\3F184804.D

Injection Date: 01-Oct-2019 14:16:53

Instrument ID: CBNAGC3

Lims ID: LCSD 460-643421/3-A

Client ID:

Operator ID: 615

ALS Bottle#: 8

Worklist Smp#: 5

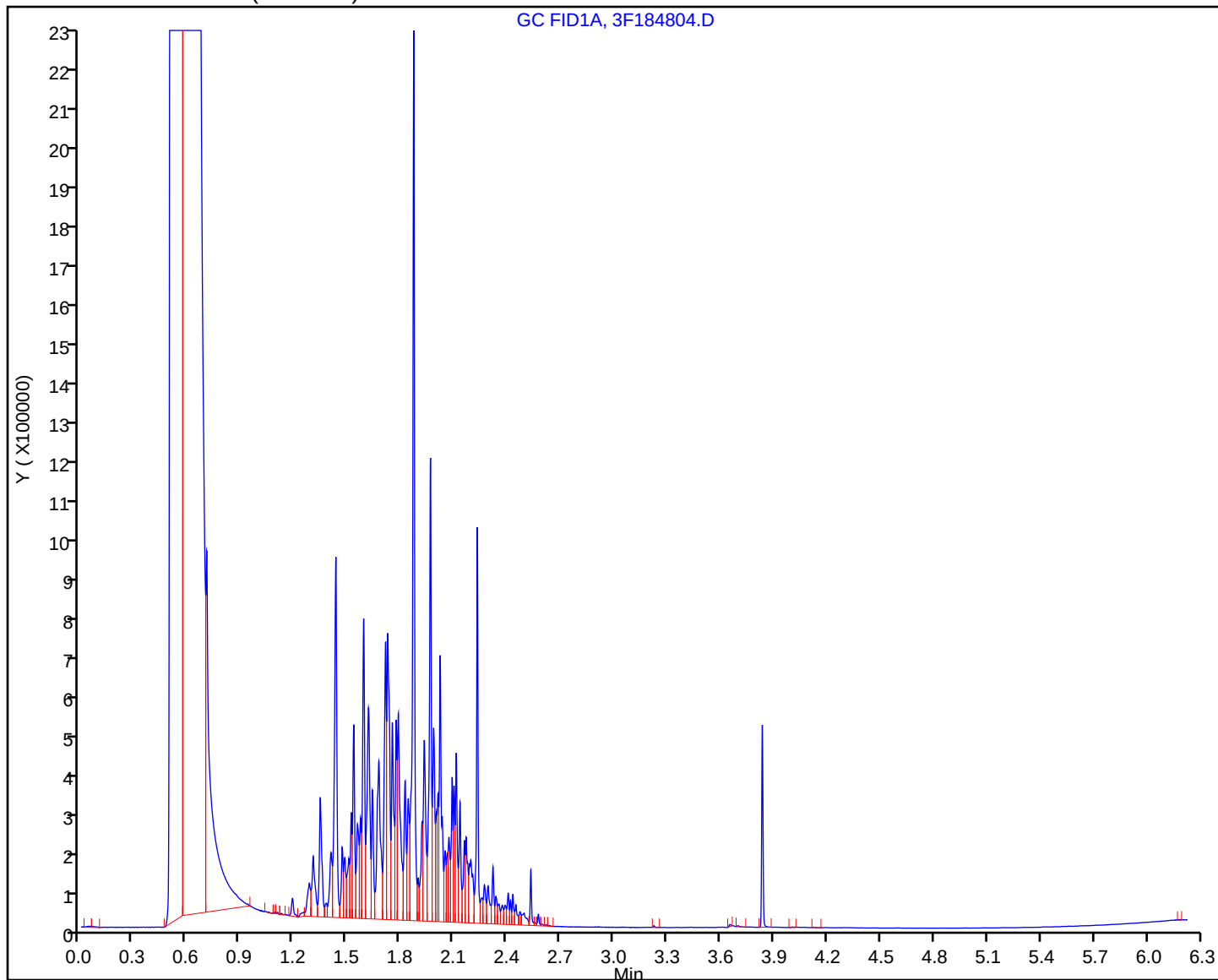
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-192518-1

SDG No.: _____

Instrument ID: CBNAGC3Start Date: 05/23/2018 11:51Analysis Batch Number: 521807End Date: 05/23/2018 17:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-521807/1		05/23/2018 11:51	1		Rtx-Mineral Oil 0.32 (mm)
STD1 460-521807/2 IC		05/23/2018 12:02	1	3F171201.D	Rtx-Mineral Oil 0.32 (mm)
STD3 460-521807/4 IC		05/23/2018 12:25	1	3F171203.D	Rtx-Mineral Oil 0.32 (mm)
STD4 460-521807/5 IC		05/23/2018 12:37	1	3F171204.D	Rtx-Mineral Oil 0.32 (mm)
STD5 460-521807/6 IC		05/23/2018 13:31	1	3F171205.D	Rtx-Mineral Oil 0.32 (mm)
STD2 460-521807/8 IC		05/23/2018 14:15	1	3F171206.D	Rtx-Mineral Oil 0.32 (mm)
ICV 460-521807/7		05/23/2018 14:55	1		Rtx-Mineral Oil 0.32 (mm)
CCV 460-521807/9		05/23/2018 15:31	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 15:42	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 15:54	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 16:05	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 16:17	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 16:28	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 16:40	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 16:51	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 17:03	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 17:14	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 17:26	1		Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-521807/20		05/23/2018 17:38	1		Rtx-Mineral Oil 0.32 (mm)
CCV 460-521807/21		05/23/2018 17:49	1		Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-192518-1

SDG No.:

Instrument ID: CBNAGC3

Start Date: 10/01/2019 13:31

Analysis Batch Number: 643557

End Date: 10/01/2019 19:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-643557/1		10/01/2019 13:31	1	3F184800.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-643557/2		10/01/2019 13:42	1	3F184801.D	Rtx-Mineral Oil 0.32 (mm)
MB 460-643421/1-A		10/01/2019 13:54	1	3F184802.D	Rtx-Mineral Oil 0.32 (mm)
LCS 460-643421/2-A		10/01/2019 14:05	1	3F184803.D	Rtx-Mineral Oil 0.32 (mm)
LCSD 460-643421/3-A		10/01/2019 14:16	1	3F184804.D	Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/01/2019 14:28	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/01/2019 14:39	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/01/2019 14:51	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/01/2019 15:02	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/01/2019 15:13	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/01/2019 15:25	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/01/2019 15:36	1		Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-643557/13		10/01/2019 15:48	1	3F184812.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-643557/14		10/01/2019 15:59	1	3F184813.D	Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/01/2019 16:11	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/01/2019 16:22	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/01/2019 16:33	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/01/2019 16:45	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/01/2019 16:56	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/01/2019 17:07	1		Rtx-Mineral Oil 0.32 (mm)
460-192518-1		10/01/2019 17:19	1	3F184820.D	Rtx-Mineral Oil 0.32 (mm)
460-192518-2		10/01/2019 17:30	1	3F184821.D	Rtx-Mineral Oil 0.32 (mm)
460-192518-3		10/01/2019 17:42	1	3F184822.D	Rtx-Mineral Oil 0.32 (mm)
460-192518-4		10/01/2019 17:53	1	3F184823.D	Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-643557/25		10/01/2019 18:04	1	3F184824.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-643557/26		10/01/2019 18:16	1	3F184825.D	Rtx-Mineral Oil 0.32 (mm)
460-192518-5		10/01/2019 18:27	1	3F184826.D	Rtx-Mineral Oil 0.32 (mm)
460-192518-6		10/01/2019 18:38	1	3F184827.D	Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-643557/29		10/01/2019 18:50	1	3F184828.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-643557/30		10/01/2019 19:01	1	3F184829.D	Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-192518-1

SDG No.: _____

Batch Number: 643421 Batch Start Date: 09/30/19 19:30 Batch Analyst: Silva, JoseBatch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	OPDROSU 00032	SG 105 mi STD 00013	
MB 460-643421/1		3510C, 8015D		1000 mL	1 mL	7 SU	1 mL		
LCS 460-643421/2		3510C, 8015D		1000 mL	1 mL	7 SU	1 mL	25 uL	
LCSD 460-643421/3		3510C, 8015D		1000 mL	1 mL	7 SU	1 mL	25 uL	
460-192518-E-1	GT-1R	3510C, 8015D	T	1000 mL	1 mL	7 SU	1 mL		
460-192518-E-2	GT-2R	3510C, 8015D	T	1000 mL	1 mL	7 SU	1 mL		
460-192518-E-3	GT-3	3510C, 8015D	T	1000 mL	1 mL	7 SU	1 mL		
460-192518-E-4	GT-4	3510C, 8015D	T	1000 mL	1 mL	7 SU	1 mL		
460-192518-D-5	GT-5	3510C, 8015D	T	1000 mL	1 mL	7 SU	1 mL		
460-192518-D-6	GW-DUP	3510C, 8015D	T	1000 mL	1 mL	9 SU	1 mL		

Batch Notes	
Batch Comment	3510C LVI Mineral Spirit
Concentration 1 Corrected Temperature	37 Degrees C
Analyst ID - Extraction	Jose
Method/Fraction	Mineral Spirit
Prep Solvent ID	MeCL2 / 239258
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	Jose
Concentration 1 Uncorrected Temperature	37 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Client Information Client Contact: Mr. Steve Fleming, P.E. Company: Safety-Kleen Systems, Inc. Address: 4120 Thunderbird Ln City: Fairfield State/Zip: OH, 45014 Phone: 513-958-2172(Tel) 513-563-1645(Fax) Email: stephen.fleming@safety-kleen.com Project Name: 2019 Safety-Kleen Thomwood Site: 27 St. Charles St., Thomwood, NY		Lab PM: Flannery, Elizabeth J E-Mail: elizabeth.flannery@testamericainc.com Phone: 781-247-3966		Camper Tracking No(s): 460-117208-75485-1 Page: 1 of 1 Job #: 192518		Analysis Requested Preservation Codes: A - HCL B - NaOH C - 2n Acetate M - Hexane N - None O - AshNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Phosphate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Due Date Requested: TAT Requested (days): PO #: W190333217 WO #: Project #: 46008952 SSOW#:		8015D ID - Hydrocarbon Product Identification (GC) 8260C - 8260C VOC Field Filtered Sample (Yes or No)		Other: 460-192518 Chain of Custody		Special Instructions/Note:	
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=other/soil) Preservation Code		Total Number of Co		Special Instructions/Note:		Special Instructions/Note:	
GT-1R		9/25/19 1130		G		Water	
GT-2R		1100				Water	
GT-3		1030				Water	
GT-4		1000				Water	
GT-5		1140				Water	
GW-DUP		0900		↓		Water	
Trip Blank		Lab Supplied				Water	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For		Special Instructions/QC Requirements:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For	
Empty Kit Relinquished by: Relinquished by: John Talley Date/Time: 9/20/19 @ 1110 Relinquished by: Test Am Kyara Knordle Date/Time: 9/26/19 4:30pm Relinquished by:		Method of Shipment: Date/Time: 9/26/19 11:10 Date/Time: 9/27 900 Date/Time:		Company: Company: KTA Company: ETA Company:		Custody Seal No.: A Yes A No	

Job Number:

192518

Number of Coolers:

R Gun #

9

Cooler Temperatures

RAW		CORRECTED	
Cooler #1:	3.2 °C	3.2 °C	
Cooler #2:	°C	°C	
Cooler #3:	°C	°C	
RAW		CORRECTED	
Cooler #4:	°C	°C	
Cooler #5:	°C	°C	
Cooler #6:	°C	°C	
RAW		CORRECTED	
Cooler #7:	°C	°C	
Cooler #8:	°C	°C	
Cooler #9:	°C	°C	

[illegible]

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

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

Initials:

EDS-WI-038, Rev 4, 06/09/2014

Date: _____

9/27/9

Login Sample Receipt Checklist

Client: Safety-Kleen Systems, Inc

Job Number: 460-192518-1

Login Number: 192518
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	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.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
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	False	Refer to Job Narrative for details.
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	