1430 Broadway, 10th Floor
New York, NY 10018
T 212.221.7822
TRCcompanies.com

December 20, 2019

Ms. Lee Guterman
Director of Hazmat Unit, IEH Division
New York City School Construction Authority
30-30 Thomson Avenue
Long Island City, NY 11101-3045

Re: Post-Interim Remedial Measure Groundwater Monitoring Report
Proposed Pre-Kindergarten Facility K710
Brownfield Cleanup Program Site No. C224266
168 8th Street, Brooklyn, NY 11215 (Block 1003, Lot 11)
SCA Project ID # 099267; IEH Service ID # 72343
TRC Project No.: 330553

Dear Ms. Guterman,

This Post-Interim Remedial Measure (IRM) Groundwater Monitoring Report documents and presents the results of the monitoring well installation and groundwater sampling activities completed at the site of the proposed Pre-Kindergarten Facility K710, located at 168 8th Street, Brooklyn, New York 11215 (the "Site"). The field activities described in this report were completed in accordance with the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER), Technical Guidance for Site Investigation and Remediation (DER-10).

Site Description and Background

The approximately 13,500 square foot (sf) Site is vacant and consists of a concrete and gravel covered lot. The Site is currently unoccupied and has been vacant since approximately 1992. A map showing the location of the Site is presented as *Figure 1*.

The Site was accepted into the Brownfield Cleanup Program (BCP) under Site No. C224266 and the NYCSCA was designated a Volunteer in April 2018. A Remedial Action Work Plan (RAWP) was submitted to the NYSDEC in March 2019. The RAWP Public Comment Period ended on May 18, 2019, and the RAWP was approved by the NYSDEC on June 21, 2019. Additionally, the Decision Document was issued by NYSDEC on June 21, 2019. As part of the RAWP and at the request of the NYSDEC, post-remedial groundwater monitoring for chlorinated VOCs in two downgradient monitoring wells (K710-MW-1 and K710-MW-2) was proposed to evaluate groundwater conditions. The groundwater monitoring was completed following completion of the IRM in October and November 2017, which included removal of approximately 354 tons of impacted soil and crushed scrap metal/subsurface piping (the source of chlorinated VOCs) in the northern portion of the Site for off-Site disposal.

In accordance with the RAWP, two quarterly groundwater sampling events were initially completed on March 25 and June 6, 2019 (following installation and development of monitoring well K710-MW-2, described below). The results from the first two quarterly post-IRM sampling events indicated that chlorinated VOCs were not detected in the two downgradient wells at concentrations above Class GA Values. The results of the well installation, well development, and first two quarterly sampling events were summarized in the draft Post-Interim Remedial Measure Groundwater Monitoring Report which was submitted to the NYSDEC on July 24, 2019. Although the report included a request to discontinue future groundwater monitoring at the Site, the NYSDEC required the completion of two additional quarterly

groundwater sampling events during the months of September and December 2019 as stated in the Groundwater Monitoring Response letter dated August 1, 2019 (refer to *Attachment A*). During a follow-up conversation with the NYCSCA on August 1, 2019, the NYSDEC confirmed that groundwater samples should be collected only from K710-MW-1 and K710-MW-2 for analysis for CVOCs in September and December 2019. The results of the Post-IRM groundwater monitoring completed between March and December 2019, are summarized in this report.

Summary of Post-IRM Groundwater Monitoring

The post-IRM groundwater investigation field activities were completed between March 14 and December 2, 2019 in accordance with applicable federal, state, and local regulations, the site-specific Health and Safety Plan (HASP), and the Remedial Action Work Plan. The scope of the groundwater monitoring program is presented below.

Monitoring Well Installation and Development

As noted above, the completion of two quarterly groundwater sampling events to monitor for chlorinated VOCs in two downgradient monitoring wells (K710-MW-1 and K710-MW-2) was proposed in the RAWP, with the addition of two quarterly groundwater sampling events as requested by the NYSDEC. In accordance with the RAWP, an existing monitoring well, formerly "TRC-MW-101", was used in lieu of installing monitoring well and was relabeled "K710-MW-1". One permanent monitoring well labeled "K710-MW-2" was installed on March 14, 2019 at the location shown on *Figure 2*. Prior to the installation of monitoring well K710-MW-2, a geophysical survey was completed in order to clear the area for the presence of underground utilities and other obstructions. Nova Geophysical, Inc. (Nova) of Douglaston, New York was retained as a subcontractor by TRC for the geophysical survey services. Nova utilized a Sensors and Software Noggin 250 MHz ground penetrating radar (GPR) with a shielded antenna and a Radio Detection RD7100 Electromagnetic utility locator. A subsurface utility trench and potential subsurface utility (i.e., electric) was identified along the 8th Street sidewalk; however, there were no subsurface utilities or anomalies identified in the location of monitoring well K710-MW-2. The geophysical survey report is presented in *Attachment B.*

Cascade Technical Services Inc. (Cascade) of Lynbrook, New York was retained as a subcontractor by TRC for drilling services. The monitoring well location was hand-cleared to a depth of 5 feet below ground surface (bgs) to avoid potential underground utilities or other obstructions. Subsequent to the hand-clearing activities, a Geoprobe 7822 equipped with a 6.25-inch diameter hollow-stem auger was used to install the monitoring well. During drilling activities, the drill cuttings were screened in the field for the presence of volatile organic compounds (VOCs) with a photoionization detector (PID). There was no evidence of impacts (i.e., elevated PID readings, staining, or odor) noted on the drill cuttings during monitoring well installation. The monitoring well construction log is presented in *Attachment C*.

The monitoring well was constructed with 4-inch diameter polyvinyl chloride (PVC) casing and 4-inch diameter 10-slot (0.010-inch) PVC screen. The PVC screen for the monitoring well was installed approximately five (5) feet above and approximately ten (10) feet below the observed groundwater surface, for a total of 15 feet of well screen. Groundwater was encountered at 13.75 feet bgs during the well installation. The annular space between the well screen and borehole wall was filled with clean No. 1 silica sand to the top of the screen. A 2-foot thick layer of bentonite chips was installed above the sand pack and hydrated with potable water. The remainder of the borehole annulus was filled with a sand-grout mixture to within six-inches of grade. The well was completed with a concrete pad, secure locking plug and flush-mounted protective manhole cover. The total depth of the well was measured at 23.3 feet bgs.

Subsequent to installation, the monitoring well was developed via mechanical surging methods and use of a submersible pump until the water was reasonably free of turbidity. Conductivity, pH, temperature, and dissolved oxygen (DO) were monitored using a Horiba™ water quality meter during development. No odors or sheen were observed on the groundwater during the development of the monitoring well. Cuttings and development water were containerized in 55-gallon drums for off-site disposal.

The location and elevation of the top of PVC casing of monitoring well K710-MW-2, and the elevation of the adjacent ground surface, was surveyed on April 19, 2019 by Perfect Point Land Surveying (Perfect Point) of Rockaway Beach, New York. Consistent with the existing wells surveyed by Perfect Point during the Remedial Investigation, the elevation datum is the North American Vertical Datum of 1988 (NAVD 88).

Groundwater Sampling

Four quarterly groundwater sampling events were completed on March 25, June 5, September 6, and December 2, 2019. Groundwater samples were collected from permanent monitoring wells K710-MW-1 and K710-MW-2.

Immediately after opening each permanent well, a "head space" vapor reading was measured using a PID. Additionally, water level measurements and the total depth of each well were recorded prior to purging.

Groundwater sampling was performed in accordance with the USEPA "Low Stress (low flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells" and the procedure outlined in the Quality Assurance Project Plan presented in the RAWP. Conductivity, pH, temperature, dissolved oxygen, oxidation-reduction potential, and turbidity were monitored using a Horiba™ U-52 water quality meter equipped with a flow-through chamber during the well purging. Data was recorded in the field logbook and on low-flow sampling forms. Once groundwater conditions stabilized and groundwater levels recovered, the water quality meter was disconnected and the samples were collected. There were no visual or olfactory indications of contamination (i.e., odor or sheen) observed during well purging and sampling. Groundwater sampling logs are provided in *Attachment D*. The purge water generated during sampling was placed in 55-gallon drums and staged on the Site. The March 25, June 5, September 6, and December 2, 2019 sampling events each generated one (1) 55-gallon drum of purge water. A summary of the groundwater sample analytical plan is presented on the following table.

Groundwater Sample Analytical Plan

Sample ID/ Well Number	Sample Date[1][2][3][4]	Depth to Water (feet BTOC)[5]	Screened Interval (feet bgs)	Chlorinated VOCs
K710-MW-1	3/25/2019	16.98	13 to 28	X
	6/5/2019	16.70		X
	9/6/2019	16.90		X
	12/2/2019	17.42		X
K710-MW-2	3/25/2019	13.67	8 to 23	X
	6/5/2019	13.43		X
	9/6/2019	13.66		X
	12/2/2019	14.19		X

X - Sample analysis performed
bgs – below ground surface
[1] One duplicate groundwater sample, K710-DUP-03252019, was collected on March 25, 2019 from K710-MW-2.
[2] One duplicate groundwater sample, K710-DUP-06052019, was collected on June 5, 2019 from K710-MW-1.
[3] One duplicate groundwater sample, K710-DUP-09062019, was collected on September 6, 2019 from K710-MW-1.
[4] One duplicate groundwater sample, K710-DUP-12022019, was collected on December 2, 2019 from K710-MW-2.
[5] BTOC – Below top of casing.

During each sampling event, the samples were collected and containerized in accordance with NYSDEC/USEPA protocols. The groundwater samples were collected for analysis for chlorinated VOCs, including trichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethene, carbon tetrachloride, tetrachloroethane, methylene chloride, vinyl chloride, chloromethane, 1,1-dichloroethane, and trans-1,2-dichloroethene, via USEPA Method 8260C. One duplicate groundwater sample, one equipment blank sample, and one trip blank sample were also collected during each sampling round and submitted for laboratory analysis. Each container was properly labeled, preserved, and placed in a cooler for transport via courier to Test America Laboratory. Standard chain-of-custody procedures were followed.

Investigation Derived Waste (IDW)

Investigation derived waste (IDW) generated during the monitoring well installation and development and groundwater sampling events were temporarily stored in 55-gallon steel drums labeled with the date, location, and contents. Two 55-gallon drums of drill cuttings and one 55-gallon drum of purge water were generated during the monitoring well installation event on March 14, 2019. One 55-gallon drum of purge groundwater was generated during each quarterly sampling event. Four drums of IDW (two soil and two groundwater) were removed from the Site on April 9, 2019, and one drum of IDW of purge groundwater was removed from the Site following the remaining sampling events (on June 21, September 30, and

December 17, 2019) by Brookside Environmental and transported to Clean Water of New York in Staten Island, NY (Clean Water). Prior to the off-Site transport of waste, the proposed disposal facility was notified that the Site is in the BCP and waste characterization and prior reports, including the NYSDEC-approved RIR, were submitted to the disposal facility and an approval letter was issued by Clean Water. Copies of the waste manifest and disposal facility approval are in *Attachment E*.

Groundwater Sampling Results

The results of the analysis of groundwater samples were compared to the New York State Class GA groundwater standard or and guidance value (Class GA Value) published in the NYSDEC TOGS 1.1.1, "Ambient Water Quality Standards and Guidance Values". The results of the analysis of groundwater samples are presented on *Table 1* and the laboratory analytical data reports are provided in *Attachment F*.

Chlorinated VOCs in Groundwater

The results of the analysis of groundwater samples collected from K710-MW-1 and K710-MW-2 in March, June, September, and December 2019 revealed that there were no chlorinated VOCs detected at concentrations above Class GA Values.

Data Validation

Data validation was performed for all samples analyzed as part of the post-IRM groundwater sampling events. The results of the data validation are summarized in DUSRs. The DUSRs include a discussion on each qualified result, the potential bias, and the effect on the data usability. The data were found to be valid and usable for decision-making purposes. A summary of the DUSRs, including cautions and/or limitations of data usability, is included in *Attachment G*.

Summary of Findings and Conclusions

This report describes the results of post-IRM groundwater investigation activities that were performed at the Site. The findings of the investigation indicate the following:

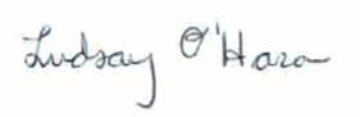
- One downgradient monitoring well, K710-MW-2, was installed on the 8th Street sidewalk. There was no evidence of impacts (i.e., elevated PID readings, staining, or odors) noted on the drill cuttings during monitoring well installation. Following installation, the well was developed and groundwater samples were collected for analysis for chlorinated VOCs in accordance with the RAWP. There was no evidence of impacts (i.e., odor or sheen) noted in the groundwater during the well development or sampling.

- The results of the analysis of groundwater samples indicate that chlorinated VOCs were not detected in downgradient monitoring wells K710-MW-1 or K710-MW-2 at concentrations above Class GA Values during the March 25, 2019, June 5, 2019, September 6, 2019, and December 2, 2019 sampling events.

Based on the results of the well installation and groundwater sampling activities, NYSDEC approval is requested for discontinuation of future groundwater sampling. Following NYSDEC approval, all existing monitoring wells will be decommissioned in accordance with NYSDEC CP-43 Groundwater Monitoring Well Decommissioning Policy.

Please do not hesitate to contact me at (917) 809-9372 if you have any questions.

Sincerely,
TRC Engineers, Inc.



Lindsay O'Hara, CHMM
Senior Project Manager

cc: C. Guder; S. Kanaparthi; M. Sherwood, NYCSCA
K. Boger, J. Miranda, TRC

Enclosures:

Figures
Figure 1 – Site Location Map
Figure 2 – Monitoring Well Locations

Table
Table 1 – Results of Analysis of Groundwater for VOCs

Attachments
Attachment A – NYSDEC Groundwater Monitoring Response Letter
Attachment B – Geophysical Survey Report
Attachment C – Monitoring Well Construction Log (K710-MW-2)
Attachment D – Groundwater Sampling Logs
Attachment E – Waste Disposal Records
Attachment F – Laboratory Analytical Reports
Attachment G – Data Usability Summary Reports (DUSRs)

FIGURE 1

SITE LOCATION MAP

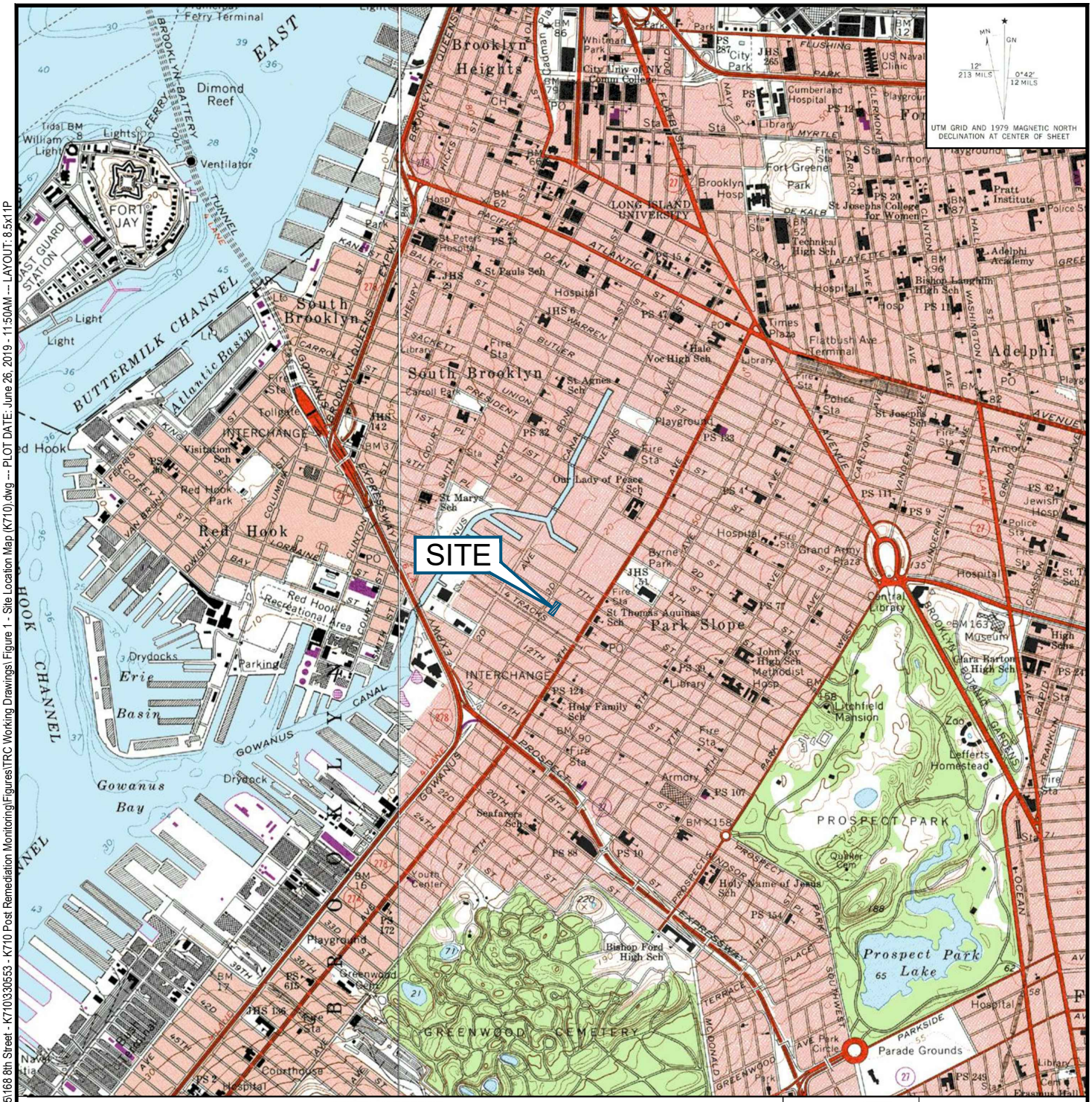
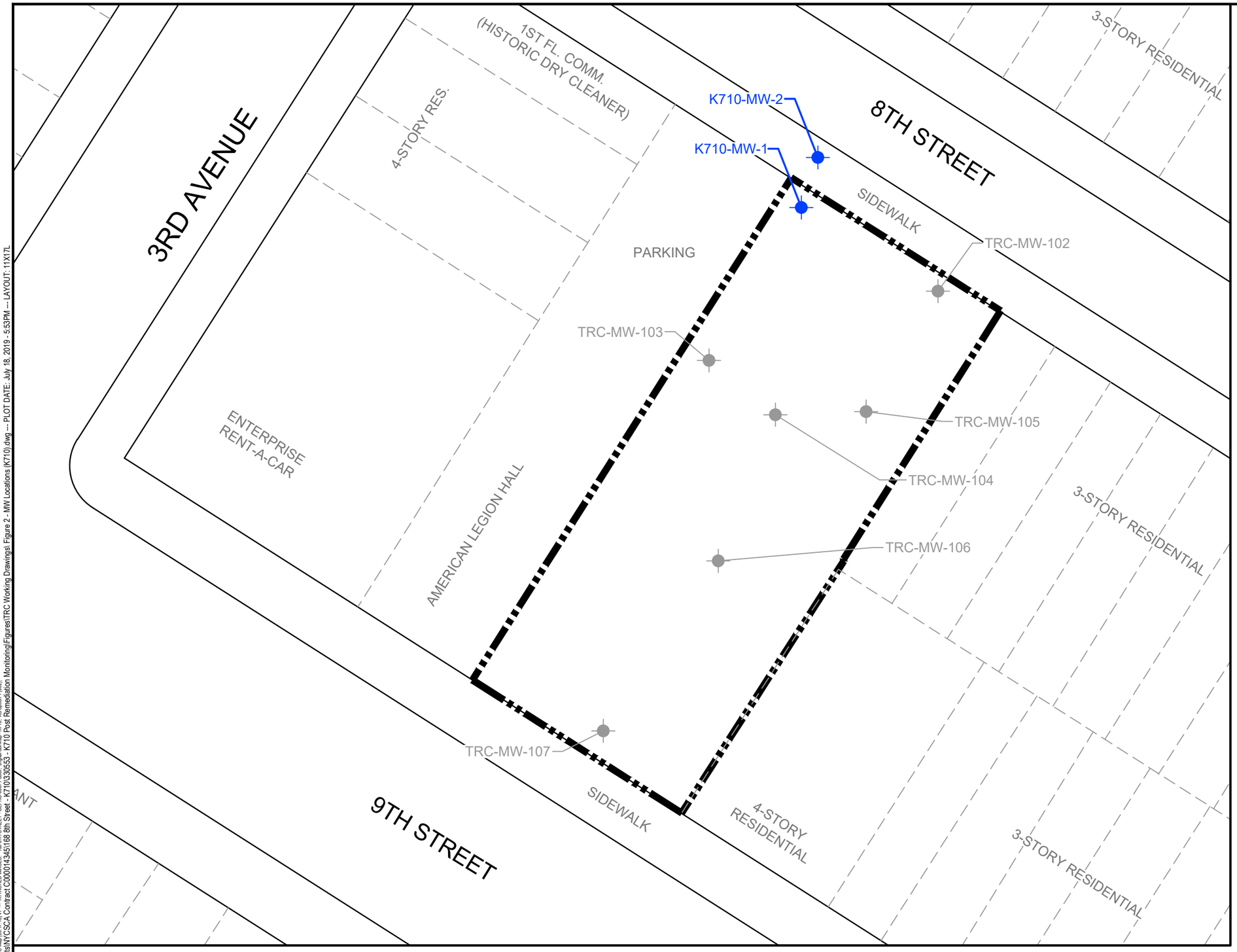

SITE
UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
Brooklyn Heights
South Brooklyn
Red Hook
Park Slope
Adelphi
Gowanus
Gowanus Bay
Erie Basin
Atlantic Basin
BUTTERMILK CHANNEL
RED HOOK CHANNEL
GOWANUS CANAL
FORT JAY
Dimond Reef
Ventilator
Drydocks
Parking
Red Hook Recreational Area
Visitation Sch
Red Hook Park
Drydock
Playground
Courthouse
Hospital
Naval Hospital
Coast Guard Station
Ferry Terminal
Brooklyn Battery Tunnel
Brooklyn Queens Expressway
Gowanus Expressway
Interchange 1
Interchange 2
Tollgate
Fire Sta
Police Sta
Library
Post Office
Hospital
Brooklyn Hosp
Long Island University
Polytechnic Institute
Pratt Institute
Fort Greene Park
Cumberland Hospital
Technical High Sch
Bishop Laughlin High Sch
Adelphi Academy
St Josephs College for Women
Times Plaza
Flatbush Ave Terminal
Hale Woo High Sch
St Agnes Sch
Our Lady of Peace Sch
St Marys Sch
St Peters Hospital
St Pauls Sch
St Thomas Aquinas Sch
Holy Family Sch
Senfarers Sch
Youth Center
Greenwood Cemetery
Bishop Ford High Sch
Holy Name of Jesus Sch
John Jay High Sch
Methodist Hosp
Central Library
Museum
Litchfield Mansion
Zoo
Lefferts Homestead
Prospect Park
Quaker Cem
Prospect Park Lake
Parade Grounds
Park Circle
Grand Army Plaza
Byrne Park
Playground
Armory
Jewish Hosp
High Schs
Clara Barton High Sch
Pratt Institute
Police S
Fire S
Sta
PS 1
PS 2
PS 4
PS 9
PS 10
PS 15
PS 20
PS 24
PS 29
PS 30
PS 32
PS 38
PS 39
PS 47
PS 67
PS 77
PS 88
PS 107
PS 111
PS 124
PS 133
PS 154
PS 172
PS 230
PS 249
PS 261
PS 287
PS 307
PS 321
PS 615
JHS 6
JHS 29
JHS 51
JHS 61
JHS 142
JHS 265
JHS 136
BM 16
BM 17
BM 37
BM 52
BM 62
BM 82
BM 86
BM 87
BM 90
BM 96
BM 158
BM 163
BM 12
US Naval Clinic
City Univ of NY Comm College
Whitman Park
City Park
Tidal BM
William Light
Light
Lights
Atlantic Ave Tunnel
Carroll Park
Playground
Fire Sta
Police Sta
Hospital
Library
Post Office
Armory
Park
Playground
Hospital
Fire Sta
Police Sta

FIGURE 2

MONITORING WELL LOCATIONS



LEGEND (SYMBOLS NOT TO SCALE):

- SITE BOUNDARY
- LOT BOUNDARY
- STREET AND SIDEWALK BOUNDARIES
- TRC-MW-X / K710-MW-X — MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- TRC-MW-X / K710-MW-X — MONITORING WELL LOCATION AND IDENTIFICATION NUMBER (NOT SAMPLED)

W N E

NOTES:

1. MONITORING WELLS LOCATIONS WERE SURVEYED BY PERFECT POINT LAND SURVEYING ON MAY 29, 2018, JUNE 6, 2018, AND APRIL 19, 2019.
2. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND PROPERTY BOUNDARIES ARE APPROXIMATE.

0 30' 60'

SCALE: 1" = 30'
SHEET SIZE: 11" BY 17"

PROJECT: **NEW YORK CITY SCHOOL CONSTRUCTION AUTHORITY**
BCP SITE NO. C224266
PROPOSED PRE-KINDERGARTEN FACILITY K710
168 8TH STREET - BLOCK: 1003, LOT: 11
BROOKLYN, NY 11215

TITLE:

MONITORING WELL LOCATIONS

DRAWN BY:	H. DELGADO	PROJ NO.:	330553
CHECKED BY:	L. O'HARA		
APPROVED BY:	K. BOGER		**FIGURE 2**
DATE:	JULY 2019		

TRC
1430 Broadway, 10th Floor
New York, NY 10018
Phone: 212.221.7822
www.TRCcompanies.com

FILE NO.: Figure 2 - MW Locations (K710).dwg

11x17 -- ATTACHED SHEETS: GW SHEET.tbl (4 -- ATTACHED IMAGES: 168 8TH STREET_GEPROJ85XT.prn - Digital Mac - R710_V5.option1.tif(2))
DRAWING NAME: I:\Projects\NYCSCA Contract C000014345\168 8th Street - K710\330553 - K710 Post Remediation Monitoring\Figures\TRC Working Drawings\ Figure 2 - MW Locations (K710).dwg -- PLOT DATE: July 18, 2019 - 5:53PM -- LAYOUT: 11X17L

TABLE 1

RESULTS OF ANALYSIS OF GROUNDWATER FOR VOCs

Table 1
New York City School Construction Authority
168 8th Street, Brooklyn, New York
K710 Post-Remediation Groundwater Monitoring
Results of Analysis of Groundwater for Volatile Organic Compounds

CLIENT ID		**K710-MW-1**			**K710-MW-1**			**K710-MW-1**			**K710-MW-1**		
LABORATORY SAMPLE ID		460-178001-2			460-183658-1			460-190672-3			460-197839-3		
SAMPLING DATE		3/25/2019			6/5/2019			9/6/2019			12/2/2019		
MATRIX		GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER		
DILUTION FACTOR		1			1			1			1		
UNITS		µg/L			µg/L			µg/L			µg/L		
VOLATILE ORGANIC COMPOUNDS (VOCs)	**Class GA Value (µg/L)***	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
1,1,1-Trichloroethane	5	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24
1,1-Dichloroethane	5	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26
1,1-Dichloroethene	5	1.0	U	0.12	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26
Carbon tetrachloride	5	1.0	U	0.21	1.0	U	0.21	1.0	U	0.21	1.0	U	0.21
Chloromethane	5	1.0	U	0.14	1.0	U	0.40	1.0	U	0.40	1.0	U	0.40
cis-1,2-Dichloroethene	5	0.36	J	0.22	0.32	J	0.22	1.0	U	0.22	1.0	U	0.22
Methylene Chloride	5	1.0	U	0.32	1.0	U	0.32	1.0	U	0.32	1.0	U	0.32
Tetrachloroethene	5	1.3		0.25	1.1		0.25	0.95	J	0.25	0.88	J	0.25
trans-1,2-Dichloroethene	5	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24
Trichloroethene	5	1.9		0.31	1.4		0.31	0.84	J	0.31	0.98	J	0.31
Vinyl chloride	2	1.0	U	0.17	1.0	U	0.17	1.0	U	0.17	1.0	U	0.17
Total VOCs	NC	3.56			2.82			1.79			1.86		

Notes:

* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA water from the Division of Water Technical and Operational Guidance Series 1.1.1

µg/L - Micrograms per liter

Bold text and blue shading indicates result above Class GA Value

J - Estimated value

NC - No criterion

ND - Not Detected

MDL - Method Detection Limit

NYSDEC - New York State Department of Environmental Conservation

Q - Qualifier

K710-TB-03252019, K710-TB-06052019, and K710-TB-09062019 are trip blank samples derived of laboratory-supplied water

K710-DUP-03252019 is a duplicate of K710-MW-2
K710-DUP-06052019 is a duplicate of K710-MW-1

K710-DUP-09062019 is a duplicate of K710-MW-1

K710-DUP-12022019 is a duplicate of K710-MW-2

U - Non-Detect

Table 1
New York City School Construction Authority
168 8th Street, Brooklyn, New York
K710 Post-Remediation Groundwater Monitoring
Results of Analysis of Groundwater for Volatile Organic Compounds

CLIENT ID		**K710-MW-2**			**K710-MW-2**			**K710-MW-2**			**K710-MW-2**		
LABORATORY SAMPLE ID		460-178001-1			460-183658-3			460-190672-5			460-197839-4		
SAMPLING DATE		3/25/2019			6/5/2019			9/6/2019			12/2/2019		
MATRIX		GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER		
DILUTION FACTOR		1			1			1			1		
UNITS		µg/L			µg/L			µg/L			µg/L		
VOLATILE ORGANIC COMPOUNDS (VOCs)	**Class GA Value (µg/L)***	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
1,1,1-Trichloroethane	5	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24
1,1-Dichloroethane	5	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26
1,1-Dichloroethene	5	1.0	U	0.12	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26
Carbon tetrachloride	5	1.0	U	0.21	1.0	U	0.21	1.0	U	0.21	1.0	U	0.21
Chloromethane	5	1.0	U	0.14	1.0	U	0.40	1.0	U	0.40	1.0	U	0.40
cis-1,2-Dichloroethene	5	1.0	U	0.22	1.0	U	0.22	1.0	U	0.22	1.0	U	0.22
Methylene Chloride	5	1.0	U	0.32	1.0	U	0.32	1.0	U	0.32	1.0	U	0.32
Tetrachloroethene	5	1.0		0.25	1.0		0.25	1.1		0.25	0.95	J	0.25
trans-1,2-Dichloroethene	5	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24
Trichloroethene	5	2.2		0.31	1.7		0.31	1.7		0.31	1.8		0.31
Vinyl chloride	2	1.0	U	0.17	1.0	U	0.17	1.0	U	0.17	1.0	U	0.17
Total VOCs	NC	3.2			2.7			2.8			2.75		

Notes:

* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA water from the Division of Water Technical and Operational Guidance Series 1.1.1

µg/L - Micrograms per liter

Bold text and blue shading indicates result above Class GA Value

J - Estimated value

NC - No criterion

ND - Not Detected

MDL - Method Detection Limit

NYSDEC - New York State Department of Environmental Conservation

Q - Qualifier

K710-TB-03252019, K710-TB-06052019, and K710-TB-09062019 are trip blank samples derived of laboratory-supplied water

K710-DUP-03252019 is a duplicate of K710-MW-2
K710-DUP-06052019 is a duplicate of K710-MW-1

K710-DUP-09062019 is a duplicate of K710-MW-1

K710-DUP-12022019 is a duplicate of K710-MW-2

U - Non-Detect

Table 1
New York City School Construction Authority
168 8th Street, Brooklyn, New York
K710 Post-Remediation Groundwater Monitoring
Results of Analysis of Groundwater for Volatile Organic Compounds

CLIENT ID		**K710-EB-03252019**			**K710-EB-06052019**			**K710-EB-09062019**			**K710-EB-12022019**		
LABORATORY SAMPLE ID		460-178001-4			460-183658-4			460-190672-1			460-197839-1		
SAMPLING DATE		3/25/2019			6/5/2019			9/6/2019			12/2/2019		
MATRIX		WATER			WATER			WATER			WATER		
DILUTION FACTOR		1			1			1			1		
UNITS		µg/L			µg/L			µg/L			µg/L		
VOLATILE ORGANIC COMPOUNDS (VOCs)	**Class GA Value (µg/L)***	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
1,1,1-Trichloroethane	5	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24
1,1-Dichloroethane	5	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26
1,1-Dichloroethene	5	1.0	U	0.12	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26
Carbon tetrachloride	5	1.0	U	0.21	1.0	U	0.21	1.0	U	0.21	1.0	U	0.21
Chloromethane	5	1.0	U	0.14	1.0	U	0.40	1.0	U	0.40	1.0	U	0.40
cis-1,2-Dichloroethene	5	1.0	U	0.22	1.0	U	0.22	1.0	U	0.22	1.0	U	0.22
Methylene Chloride	5	1.0	U	0.32	0.43	J	0.32	1.0	U	0.32	1.0	U	0.32
Tetrachloroethene	5	1.0	U	0.25	1.0	U	0.25	1.0	U	0.25	1.0	U	0.25
trans-1,2-Dichloroethene	5	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24
Trichloroethene	5	1.0	U	0.31	1.0	U	0.31	1.0	U	0.31	1.0	U	0.31
Vinyl chloride	2	1.0	U	0.17	1.0	U	0.17	1.0	U	0.17	1.0	U	0.17
Total VOCs	NC	0			0.43			0			0		

Notes:

* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA water from the Division of Water Technical and Operational Guidance Series 1.1.1

µg/L - Micrograms per liter

Bold text and blue shading indicates result above Class GA Value

J - Estimated value

NC - No criterion

ND - Not Detected

MDL - Method Detection Limit

NYSDEC - New York State Department of Environmental Conservation

Q - Qualifier

K710-TB-03252019, K710-TB-06052019, and K710-TB-09062019 are trip blank samples derived of laboratory-supplied water

K710-DUP-03252019 is a duplicate of K710-MW-2

K710-DUP-06052019 is a duplicate of K710-MW-1

K710-DUP-09062019 is a duplicate of K710-MW-1

K710-DUP-12022019 is a duplicate of K710-MW-2

U - Non-Detect

Table 1
New York City School Construction Authority
168 8th Street, Brooklyn, New York
K710 Post-Remediation Groundwater Monitoring
Results of Analysis of Groundwater for Volatile Organic Compounds

CLIENT ID		**K710-TB-03252019**			**K710-TB-06052019**			**K710-TB-09062019**			**K710-TB-12022019**		
LABORATORY SAMPLE ID		460-178001-5			460-183658-5			460-190672-2			460-197839-2		
SAMPLING DATE		3/25/2019			6/5/2019			9/6/2019			12/2/2019		
MATRIX		WATER			WATER			WATER			WATER		
DILUTION FACTOR		1			1			1			1		
UNITS		µg/L			µg/L			µg/L			µg/L		
VOLATILE ORGANIC COMPOUNDS (VOCs)	**Class GA Value (µg/L)***	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
1,1,1-Trichloroethane	5	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24
1,1-Dichloroethane	5	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26
1,1-Dichloroethene	5	1.0	U	0.12	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26
Carbon tetrachloride	5	1.0	U	0.21	1.0	U	0.21	1.0	U	0.21	1.0	U	0.21
Chloromethane	5	1.0	U	0.14	1.0	U	0.40	1.0	U	0.40	1.0	U	0.40
cis-1,2-Dichloroethene	5	1.0	U	0.22	1.0	U	0.22	1.0	U	0.22	1.0	U	0.22
Methylene Chloride	5	1.0	U	0.32	1.0	U	0.32	1.0	U	0.32	1.0	U	0.32
Tetrachloroethene	5	1.0	U	0.25	1.0	U	0.25	1.0	U	0.25	1.0	U	0.25
trans-1,2-Dichloroethene	5	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24
Trichloroethene	5	1.0	U	0.31	1.0	U	0.31	1.0	U	0.31	1.0	U	0.31
Vinyl chloride	2	1.0	U	0.17	1.0	U	0.17	1.0	U	0.17	1.0	U	0.17
Total VOCs	NC	0			0			0			0		

Notes:

* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA water from the Division of Water Technical and Operational Guidance Series 1.1.1

µg/L - Micrograms per liter

Bold text and blue shading indicates result above Class GA Value

J - Estimated value

NC - No criterion

ND - Not Detected

MDL - Method Detection Limit

NYSDEC - New York State Department of Environmental Conservation

Q - Qualifier

K710-TB-03252019, K710-TB-06052019, and K710-TB-09062019 are trip blank samples derived of laboratory-supplied water

K710-DUP-03252019 is a duplicate of K710-MW-2

K710-DUP-06052019 is a duplicate of K710-MW-1

K710-DUP-09062019 is a duplicate of K710-MW-1

K710-DUP-12022019 is a duplicate of K710-MW-2

U - Non-Detect

Table 1
New York City School Construction Authority
168 8th Street, Brooklyn, New York
K710 Post-Remediation Groundwater Monitoring
Results of Analysis of Groundwater for Volatile Organic Compounds

CLIENT ID		**K710-DUP-03252019**			**K710-DUP-06052019**			**K710-DUP-09062019**			**K710-DUP-12022019**		
LABORATORY SAMPLE ID		460-178001-3			460-183658-2			460-190672-4			460-197839-5		
SAMPLING DATE		3/25/2019			6/5/2019			9/6/2019			12/2/2019		
MATRIX		GROUNDWATER			GROUNDWATER			GROUNDWATER			GROUNDWATER		
DILUTION FACTOR		1			1			1			1		
UNITS		µg/L			µg/L			µg/L			µg/L		
VOLATILE ORGANIC COMPOUNDS (VOCs)	**Class GA Value (µg/L)***	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
1,1,1-Trichloroethane	5	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24
1,1-Dichloroethane	5	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26
1,1-Dichloroethene	5	1.0	U	0.12	1.0	U	0.26	1.0	U	0.26	1.0	U	0.26
Carbon tetrachloride	5	1.0	U	0.21	1.0	U	0.21	1.0	U	0.21	1.0	U	0.21
Chloromethane	5	1.0	U	0.14	1.0	U	0.40	1.0	U	0.40	1.0	U	0.40
cis-1,2-Dichloroethene	5	1.0	U	0.22	0.37	J	0.22	1.0	U	0.22	1.0	U	0.22
Methylene Chloride	5	1.0	U	0.32	1.0	U	0.32	1.0	U	0.32	1.0	U	0.32
Tetrachloroethene	5	1.1		0.25	1.1		0.25	1.1		0.25	0.98	J	0.25
trans-1,2-Dichloroethene	5	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24	1.0	U	0.24
Trichloroethene	5	2.4		0.31	1.6		0.31	0.86	J	0.31	1.7		0.31
Vinyl chloride	2	1.0	U	0.17	1.0	U	0.17	1.0	U	0.17	1.0	U	0.17
Total VOCs	NC	3.5			3.07			1.96			2.68		

Notes:

* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA water from the Division of Water Technical and Operational Guidance Series 1.1.1

µg/L - Micrograms per liter

Bold text and blue shading indicates result above Class GA Value

J - Estimated value

NC - No criterion

ND - Not Detected

MDL - Method Detection Limit

NYSDEC - New York State Department of Environmental Conservation

Q - Qualifier

K710-TB-03252019, K710-TB-06052019, and K710-TB-09062019 are trip blank samples derived of laboratory-supplied water

K710-DUP-03252019 is a duplicate of K710-MW-2

K710-DUP-06052019 is a duplicate of K710-MW-1

K710-DUP-09062019 is a duplicate of K710-MW-1

K710-DUP-12022019 is a duplicate of K710-MW-2

U - Non-Detect

ATTACHMENT A

NYSDEC GROUNDWATER MONITORING RESPONSE LETTER

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

August 1, 2019

Deborah Lee Guterman
NYC School Construction Authority
30-30 Thomson Avenue
Long Island City, NY 11101

RE: 168 8th Street, Brooklyn, Kings County
Brownfield Cleanup Program # C224266
Groundwater Monitoring Response

Dear Ms. Guterman:

The New York State Department of Environmental Conservation (the Department) has reviewed Post-Interim Remedial Measure Groundwater Monitoring Report dated July 24, 2019 which was prepared by TRC Engineers, Inc. on behalf of NYC School Construction Authority (the Volunteer). The report requests to discontinue future groundwater monitoring at the site. However, the Department requires two additional quarterly groundwater monitoring samples for the 2019 year to meet the minimum requirement of four quarterly post-excavation groundwater monitoring events.

The next two quarterly groundwater monitoring samples should be taken at all previous sampling locations and may be analyzed for TCL VOCs only. The Department recommends sampling during the month of September 2019 and December 2019. All sampling must be conducted in accordance with the approved Remedial Action Work Plan (RAWP) dated March 2019.The Department will then make a determination about discontinuing groundwater monitoring based upon an evaluation of all the data.

Should you have any questions regarding this letter or any other aspect of the project, please contact me at (718) 482-7541 or wendi.zheng@dec.ny.gov.

Sincerely,

Wendi Zheng
Project Manager

ec: J. O'Connell, S. Martinkat, R. Seebacher – NYSDEC
J. Deming, S. Wagh – NYSDOH
K. Boger, J. Miranda, L. O'Hara – TRC
M. Sherwood, C. Guder, S. Kanaparthi, S. Lawitts – NYCSCA

ATTACHMENT B

GEOPHYSICAL SURVEY REPORT

GEOPHYSICAL ENGINEERING SURVEY REPORT

SCA Site
168 8th Street,
Brooklyn, New York 11215

NOVA PROJECT NUMBER:

19-1208

DATED:

March 18, 2019

PREPARED FOR:

TRC

1430 Broadway
10th Floor
New York, New York 10018

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway #765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.nova-gsi.com

March 18, 2019

Jonathan Tso
Environmental Scientist
TRC
1430 Broadway, 10th Floor,
New York, NY 10018
O: 929.293.1047 |
C: 917.693.9227
E: JTso@trcsolutions.com

Re: Geophysical Engineering Survey (GES) Report
Proposed PS
168 8th Street,
Brooklyn, New York 11215

Dear Mr. Tso,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 168 8th Street, Brooklyn, New York 11215 (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks and other substructures as well as to clear and mark proposed boring location(s) on March 14th, 2019.

The equipment selected for this investigation was a Sensors and Software Noggin 250 MHz ground penetrating radar (GPR) with a shielded antenna and a Radio Detection RD7100 Electromagnetic utility locator.

A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the surface. The

transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

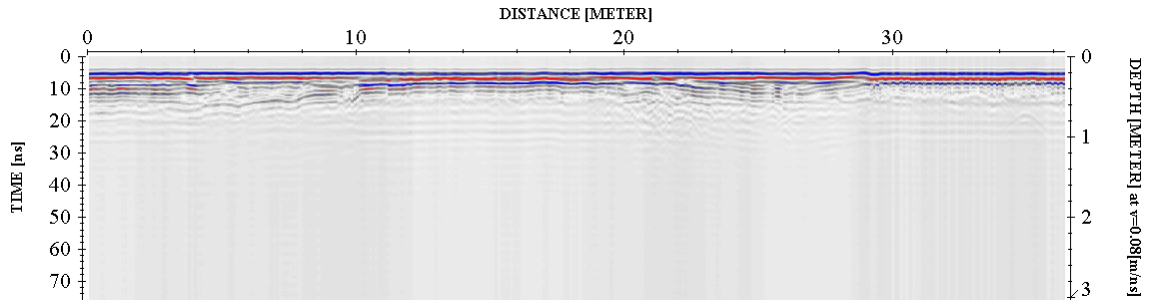
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

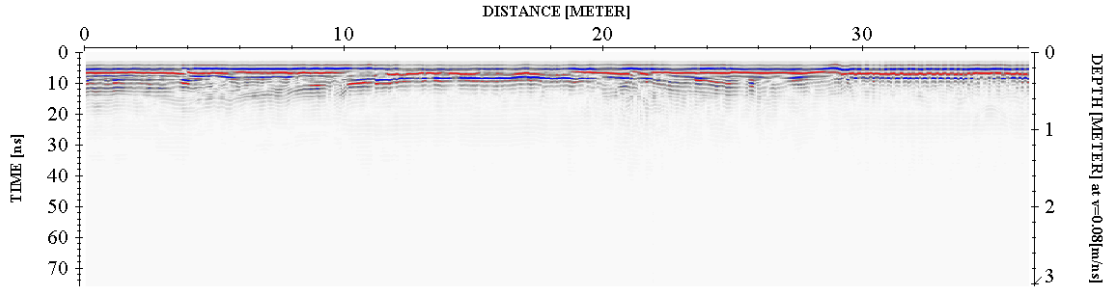
DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

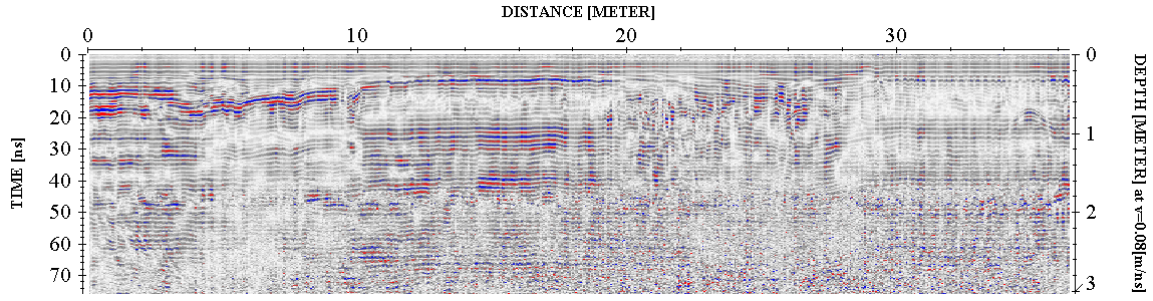
Step 1. Import Raw RAMAC data to standard processing format



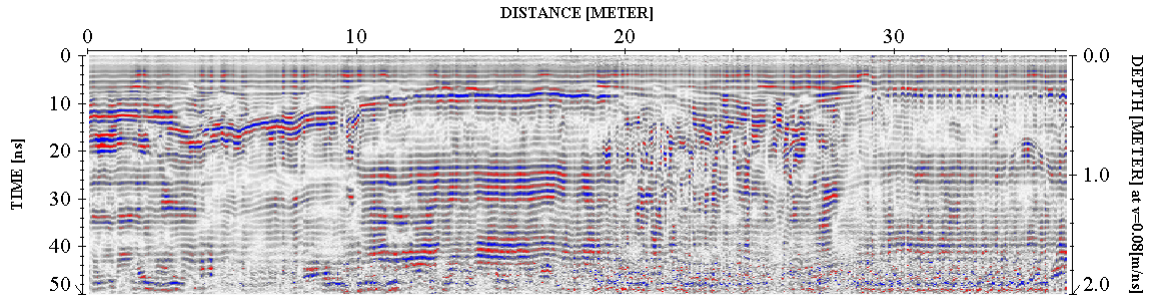
Step 2. Remove instrument noise *(dewow)*



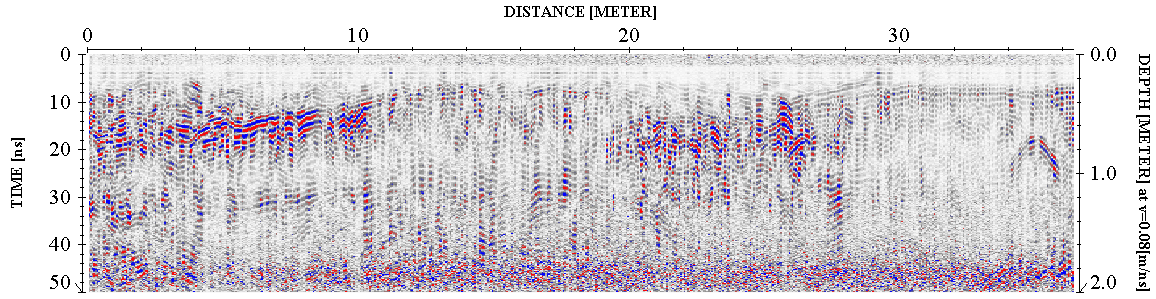
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: Overcast

Temperature: 45° F

Surface: Concrete

Geophysical Noise Level (GNL): The GNL was high at the site. The noise was a result of the site being located in an urban environment.

RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- Anomalies resembling potential subsurface utilities (such as electric) were identified during the GES. An anomaly resembling a utility trench was also identified during the GES. The approximate locations are shown in the survey plan.
- No large geophysical anomalies resembling an underground storage tank (UST) were identified during the GES.
- All detected subsurface anomalies were marked in the onsite mark out.
- All cleared boring locations were marked in the onsite mark out.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.

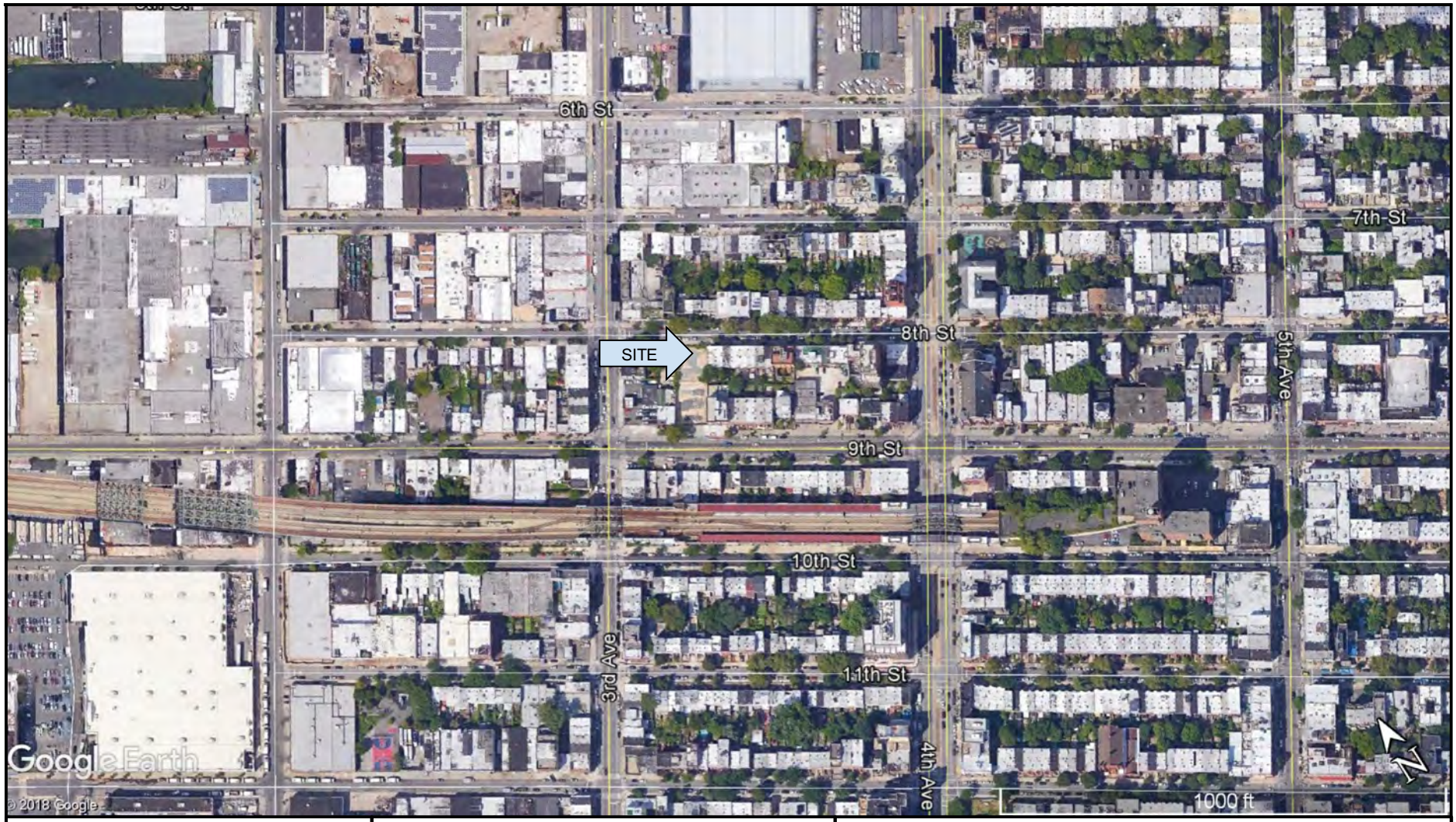
Project Engineer

Attachments:

Location Map

Survey Plan

Geophysical Images



NOVA Geophysical Services

Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

Location Map

SITE:	**SCA Site** 168 8th Street, Brooklyn, New York 11215
CLIENT:	TRC
DATE:	March 14th, 2019
AUTH:	Chris Steinley

LEGEND



NOVA Geophysical Services

Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

SURVEY PLAN

SITE:	**SCA Site** 168 8th Street, Brooklyn, New York 11215
CLIENT:	TRC
DATE:	March 14th, 2019
AUTH:	Chris Steinley

LEGEND

- Survey Area
- Electric
- Utility Trench

GEOPHYSICAL IMAGES

SCA Site

168 8th Street,
Brooklyn, New York 11215
March 14th, 2019









GEOPHYSICAL IMAGES

SCA Site

168 8th Street,
Brooklyn, New York 11215
March 14th, 2019



ATTACHMENT C

MONITORING WELL CONTRUCTION LOG (K710-MW-2)

BORING/WELL NUMBER: **K710-MW-2**
Page 1 of 2

PROJECT INFORMATION		BORING/WELL INFORMATION			
Project Name:	K710	Boring Depth:	25	Hole Diameter:	6.25
Project Location:	168 8th Street, Brooklyn, NY	Date Started:	3/14/19	Date Completed:	3/14/19
Project Number:	330553	Coordinate System:	NAD 83		
Client:	NYCSCA	North:	184022.6651	East:	987010.3708
TRC Eng./Geol:	Sanjay Sharma	Vertical Datum:	NAD 83	Ground Elevation:	21.01
Checked By:	Jonathan Tso	Well Elevation (Top of Casing)	20.76		

DRILLING INFORMATION	
Drilling Contractor:	Cascade Drilling, L.P.
Driller(s):	Luke Caballero
Drilling Method:	Geoprobe
Equipment/Model:	7822 DT
Sampler:	

GROUND WATER OBSERVATIONS			
MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▽ After Drilling
DATE	3/14/2019		
DEPTH (ft.bgs.)	13		
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	VOC SCREENING RESULTS (ppm) 150 300 450 600	MATERIAL DESCRIPTION	WELL DIAGRAM
			5.0	0.0			0'- 5' Soil not screened	Flush-Mounted Well Sand Backfill Grout
			5.0	0.0			5'- 10' Soil not screened	Bentonite Seal 4" Diameter Schedule 40 PVC Riser
10			5.0	0.0			10'- 15' Soil not screened	6.25" diameter well annulus Silica Sand Pack No. 1
			5.0	0.0			15'- 20' Soil not screened	4" Diameter Schedule 40 PVC with 0.010" Slot Screen
20								

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, f = fine, m = medium, c = coarse, continuous PID readings from soil collected during well installation

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 7/11/19
\\NYC-FP1\SHARED\PROJECTS\NYCSCA CONTRACT C000014345\168 8TH STREET - K710\330553 - K710 POST REMEDIATION MONITORING\MONITORING WELL LOGS\K710 BORING LOGS JT COPY.GPJ

TRC
Results you can rely on

PROJECT INFORMATION		BORING/WELL INFORMATION			
Project Name:	**K710**	Boring Depth:	**25**	Hole Diameter:	**6.25**
Project Location:	**168 8th Street, Brooklyn, NY**	Date Started:	**3/14/19**	Date Completed:	**3/14/19**
Project Number:	**330553**	Coordinate System:	**NAD 83**		
Client:	**NYCSCA**	North:	**184022.6651**	East:	**987010.3708**
TRC Eng./Geol:	**Sanjay Sharma**	Vertical Datum:	**NAD 83**	Ground Elevation:	**21.01**
Checked By:	**Jonathan Tso**	Well Elevation (Top of Casing)			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	VOC SCREENING RESULTS (ppm) 150 300 450 600	MATERIAL DESCRIPTION	WELL DIAGRAM
			5.0	0.0			20'- 25' Soil not screened	Silica Sand Pack No. 1; Well Point/Cap
30							Bottom of borehole at 25.0 feet.	
40								

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 7/11/19
\\NYC-FP1\SHARED\PROJECTS\NYCSCA CONTRACT C000014345\168 8TH STREET - K710\330553 - K710 POST REMEDIATION MONITORING\MONITORING WELL LOGS\K710 BORING LOGS JT COPY.GPJ

ATTACHMENT D

GROUNDWATER SAMPLING LOGS

Groundwater Sampling Data Record Form

Project	Project No.	Date/Time	Sheet
K710	330553	3/25/19, 10:55 am	1 of 1

TRC Personnel

Sanjay Sharma/ Jonathan Tso

Well Identification No.: K710-MW-1

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up (from Ground): **N/A**

WELL DIAMETER

	1 inch
	2 inch
X	4 inch
	6 inch
	1.5 inch

WELL MATERIAL

X PVC | SS

PID SCREENING (ppmV)

Background	0
Well Mouth	0.2

Well Depth (ft): 27.80

Depth to Water (ft): 16.98

Depth of pump intake (ft.): ~25.0

Height of water column (ft.): 10.82

Reference Point:

X	top of riser		historic
	top of casing		measured
	bgs	X	notch
			north side
			high point
			pen mark

	.041 gal/ft (1 in.)
	.163 gal/ft (2 in.)
X	.653 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

Volume of Water in Well (gal): 7.06

Total Gallons Purged: ~8

[Vol. = $r^2h(0.163)$]

Depth to NAPL (ft.): N/A

Thickness of NAPL (ft.):

FIELD WATER QUALITY MEASUREMENTS

Time	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30	11:35
Temp. (C.) - (±10%)	13.45	13.59	13.59	14.58	14.59	14.56	14.56	14.53	14.53
pH (Std.Units) - (± 0.1)	7.36	7.27	7.27	7.28	7.28	7.28	7.28	7.29	7.29
ORP (millivolts) - (± 10)	209	211	210	209	210	210	211	210	210
Conduct.(mS/cm) - (±3%)	0.484	0.489	0.479	0.457	0.446	0.444	0.443	0.443	0.440
Turb. (NTU) - (± 10%)	381	396	226	188	139	111	98.6	85.1	69.2
DO (mg/L) - (± 10%)	11.21	6.94	5.69	5.39	5.28	5.14	5.04	5.20	5.01
Flow (ml/min)	350	350	350	350	350	350	350	350	350
Depth to water (ft)	16.93	16.94	16.94	16.94	16.93	16.94	16.94	16.94	16.94
Comments	light brown	light brown	light brown	light brown	light brown	light brown	light brown	light brown	light brown

No odor, no sheen

FIELD WATER QUALITY MEASUREMENTS

Time	11:40	11:45							
Temp. (C.) - (±10%)	14.35	14.37							
pH (Std.Units) - (± 0.1)	7.30	7.31							
ORP (millivolts) - (± 10)	208	207							
Conduct.(mS/cm) - (±3%)	0.443	0.435							
Turb. (NTU) - (± 10%)	48.6	44.9							
DO (mg/L) - (± 10%)	5.39	5.40							
Flow (ml/min)	350	350							
Depth to water (ft)	16.94	16.94							
Comments	light brown	light brown							

No odor, no sheen

Pump Type	Purge	Sample	Description of Sampling Equipment
Peristaltic Pump	X	X	Peristaltic pump- Solinst- 04404
Submersible Pump			Horiba- HS: 14260 Probe: 21327
Bladder Pump			IP 19805
Bailer:			PID MR3K 042636

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
GW Chlorinated VOCS	N	HCL	VOAs (40 mL) x3	11:50	K710-MW-101

Remarks:

Groundwater Sampling Data Record Form

Project	Project No.	Date/Time	Sheet
K710	330553	6/5/2019, 10:20 am	1 of 1

TRC Personnel

Sanjay Sharma/ Jonathan Tso

Well Identification No.: K710- MW-1

WELL INTEGRITY	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up (from Ground): **N/A**

WELL DIAMETER	
	1 inch
	2 inch
X	4 inch
	6 inch
	inch

WELL MATERIAL

X PVC | SS

Well Depth (ft.):	27.56
Depth to Water (ft):	16.70

Depth of pump intake (ft.): 27

Height of water column (ft.): 10.86

Reference Point:		
X	top of riser	
	top of casing	
	bgs	
		X

	historic
	measured
	notch
	north side
	high point
X	pen mark

	.041 gal/ft (1 in.)
	.163 gal/ft (2 in.)
X	.653 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

PID SCREENING (ppmV)	
Background	0
Well Mouth	0.1

Volume of Water in Well (gal):	7
Total Gallons Purged:	22.5

[Vol. = $r^2h(0.163)$]

Depth to NAPL (ft.):	N/A
Thickness of NAPL (ft.):	

FIELD WATER QUALITY MEASUREMENTS

Time	10:30	10:35	10:40	10:45	10:50	10:55	11:00	11:05	11:10
Temp. (C.) - (±10%)	17.03	16.91	15.80	15.77	15.82	15.83	15.91	15.91	15.90
pH (Std.Units) - (± 0.1)	6.29	6.67	6.72	6.72	6.71	6.71	6.71	6.71	6.71
ORP (millivolts) - (± 10)	177	179	178	176	175	173	172	173	173
Conduct.(mS/cm) - (±3%)	0.375	0.362	0.344	0.340	0.335	0.332	0.330	0.331	0.332
Turb. (NTU) - (± 10%)	29.0	23.6	10.5	8.4	5.2	3.1	2.8	1.9	1.2
DO (mg/L) - (± 10%)	5.59	4.87	4.20	4.01	3.88	3.78	3.70	3.73	3.72
Flow (ml/min)	225	225	225	225	225	225	225	225	255
Depth to water (ft)	16.69	16.71	16.73	16.73	16.73	16.73	16.73	16.73	16.73
Comments	**clear, no odor, no sheen, approximatel flow rate**								

FIELD WATER QUALITY MEASUREMENTS

Time RESTARTED	13:10	13:20	13:30	13:40	13:50	14:00	14:10	14:20	14:30	14:40
Temp. (C.) - (±10%)	18.68	17.71	17.54	17.57	17.45	17.38	17.35	17.32	17.32	17.30
pH (Std.Units) - (± 0.1)	6.88	6.87	6.88	6.88	6.87	6.87	6.88	6.87	6.88	6.88
ORP (millivolts) - (± 10)	145	146	146	146	146	146	146	146	146	146
Conduct.(mS/cm) - (±3%)	0.314	0.318	0.314	0.315	0.312	0.314	0.314	0.314	0.314	0.313
Turb. (NTU) - (± 10%)	9.8	5.8	2.7	4.7	0.9	0.3	0.0	0.0	0.0	0.0
DO (mg/L) - (± 10%)	3.07	2.51	2.43	2.44	2.42	2.44	2.43	2.44	2.44	2.43
Flow (ml/min)	800	800	800	800	800	800	800	800	250	250
Depth to water (ft)	16.72	16.72	16.72	16.73	16.73	16.73	16.73	16.73	16.73	16.73
Comments	**clear, no odor, no sheen, approximatel flow rate**									

Pump Type	Purge	Sample	Description of Sampling Equipment
Peristaltic Pump	X	X	PID- 45374- 592-927284
Submersible Pump			HORIBA- HS-19218 Probe- 21189
Bladder Pump			IP- 29700
Bailer:			Peristaltic Pump- 17543

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
GW Chlorinated VOCs	N	HCL	VOAS (40mL) x3	14:40	K710- MW-01
GW Chlorinated VOCs	N	HCL	VOAS (40mL) x3	15:40	K710- DUP-06052019

Remarks:

Groundwater Sampling Data Record Form

Project	Project No.	Date/Time	Sheet
K710	330553	9/6/2019, 8:20 am	1 of 1

TRC Personnel

Sanjay Sharma/ Karyn Treinen

Well Identification No.: K710- MW-1

WELL INTEGRITY	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up (from Ground): **N/A**

WELL DIAMETER		
		1 inch
		2 inch
	X	4 inch
		6 inch
		inch

WELL MATERIAL

X		
PVC	SS	

Well Depth (ft.):	27.27
Depth to Water (ft):	16.90
Height of water column (ft.):	10.37
Depth of pump intake (ft.)	26
Volume of Water in Well (gal):	6.74
Total Gallons Purged:	20
[Vol. = $r^2h(0.163)$]	

Reference Point:		
		historic
		measured
X	top of riser	notch
	top of casing	north side
	bgs	high point
		X pen mark

	.041 gal/ft (1 in.)
	.163 gal/ft (2 in.)
X	.653 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

Depth to NAPL (ft.):	N/A
Thickness of NAPL (ft.):	

PID SCREENING (ppmV)	
Background	1.1
Well Mouth	21.4

FIELD WATER QUALITY MEASUREMENTS

Time	8:30	8:40	8:50	9:00	9:10	9:20	9:30	9:40	9:50	10:00
Temp. (C.) - (±10%)	16.55	16.78	16.96	17.10	16.88	16.85	16.84	16.89	17.10	17.06
pH (Std.Units) - (± 0.1)	5.75	7.26	7.33	7.45	7.44	7.39	7.53	7.5	7.52	7.59
ORP (millivolts) - (± 10)	146	127	129	123	122	126	124	121	122	121
Conduct.(mS/cm) - (±3%)	0.367	0.337	0.328	0.325	0.323	0.317	0.321	0.321	0.322	0.323
Turb. (NTU) - (± 10%)	69.6	74.3	172	191	94.9	50.4	25	16.8	8.4	5.6
DO (mg/L) - (± 10%)	7.34	6.56	6.64	8.16	8.84	8.8	9.00	8.25	8.03	8.01
Flow (ml/min)	0.275	0.275	0.275	0.275	0.275	0.125	0.125	0.125	0.125	0.1
Depth to water (ft)	16.95	16.95	16.95	16.95	16.95	16.95	16.95	16.95	16.95	16.95
Comments	clear, no odor, no sheen									

FIELD WATER QUALITY MEASUREMENTS

Time RESTARTED	10:05	10:10	10:15	10:20						
Temp. (C.) - (±10%)	17.05	17.10	17.13	17.11						
pH (Std.Units) - (± 0.1)	7.57	7.57	7.54	7.57						
ORP (millivolts) - (± 10)	122	123	123	122						
Conduct.(mS/cm) - (±3%)	0.322	0.325	0.328	0.328						
Turb. (NTU) - (± 10%)	4.8	4.9	5.2	4.7						
DO (mg/L) - (± 10%)	8.08	7.92	7.91	7.98						
Flow (ml/min)	0.1	0.1	0.1	0.1						
Depth to water (ft)	16.95	16.95	16.95	16.95						
Comments	clear, no odor, no sheen									

Pump Type	Purge	Sample	Description of Sampling Equipment
Peristaltic Pump	X	X	PID- 21871
Submersible Pump			HORIBA- 32096-32095
Bladder Pump			IP- 34829
Bailer:			Peristaltic Pump- 44405

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
GW Chlorinated VOCs	N	HCL	VOAS (40mL) x3	10:20	K710- MW-01
GW Chlorinated VOCs	N	HCL	VOAS (40mL) x3	11:20	K710- DUP-09062019

Remarks:

Groundwater Sampling Data Record Form

Project	Project No.	Date/Time	Sheet
K710	330553	12/2/2019, 10:45 am	1 of 1

TRC Personnel

Jonathan Tso

Well Identification No.: K710- MW-1

WELL INTEGRITY	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up (from Ground): **N/A**

WELL DIAMETER	
	1 inch
	2 inch
X	4 inch
	6 inch
	inch

WELL MATERIAL

X PVC | SS

Well Depth (ft.):	23.95
Depth to Water (ft):	17.42

Depth of pump intake (ft.): 21

Height of water column (ft.): 6.53

Reference Point:			
X	top of riser		historic
	top of casing		measured
	bgs		notch
		X	north side
			high point
			pen mark

	.041 gal/ft (1 in.)
	.163 gal/ft (2 in.)
X	.653 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

PID SCREENING (ppmV)	
Background	1.7
Well Mouth	3.1

Volume of Water in Well (gal):	4.2
Total Gallons Purged:	16

[Vol. = $r^2h(0.163)$]

Depth to NAPL (ft.):	N/A
Thickness of NAPL (ft.):	

FIELD WATER QUALITY MEASUREMENTS

Time	10:56	11:06	11:16	11:26	11:36	11:46	11:56	12:06	12:16
Temp. (C.) - (±10%)	7.99	10.42	10.42	11.45	11.56	11.71	11.70	11.87	11.93
pH (Std.Units) - (± 0.1)	6.75	6.99	7.01	7.03	7.05	7.00	7.07	7.07	7.06
ORP (millivolts) - (± 10)	242	236	237	238	238	238	234	240	239
Conduct.(mS/cm) - (±3%)	0.536	0.488	0.476	0.456	0.456	0.451	0.443	0.438	0.437
Turb. (NTU) - (± 10%)	426.0	204	171	135	105	86.8	64.5	36.2	10.2
DO (mg/L) - (± 10%)	7.31	5.02	4.97	6.14	5.18	5.23	5.05	6.95	5.04
Flow (ml/min)	450	450	450	450	450	450	450	450	450
Depth to water (ft)	17.42	17.41	17.41	17.41	17.42	17.41	17.42	17.41	17.41
Comments	no odor, no sheen, slight brown from sediment								

FIELD WATER QUALITY MEASUREMENTS

Time RESTARTED	12:26	12:36	12:46							
Temp. (C.) - (±10%)	12.00	11.95	11.77							
pH (Std.Units) - (± 0.1)	7.06	7.00	7.07							
ORP (millivolts) - (± 10)	239	241	242							
Conduct.(mS/cm) - (±3%)	0.438	0.438	0.442							
Turb. (NTU) - (± 10%)	4.8	3.7	2.3							
DO (mg/L) - (± 10%)	5.00	6.23	4.99							
Flow (ml/min)	450	450	450							
Depth to water (ft)	17.42	17.41	17.42							
Comments	clear, no odor, no sheen									

Pump Type	Purge	Sample	Description of Sampling Equipment
Peristaltic Pump	X	X	PID- 45305- 512-927300
Submersible Pump			HORIBA- HS-18358 Probe- 21172
Bladder Pump			IP- 041002
Bailer:			Peristaltic Pump- 19069

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
GW Chlorinated VOCs	N	HCL	VOAS (40mL) x3	12:47	K710- MW-01

Remarks: Flow rate measured using a 500 mL graduated cylinder

Groundwater Sampling Data Record Form

Project	Project No.	Date/Time	Sheet
K710	330553	3/25/19, 9:30 am	1 of 1

TRC Personnel

Sanjay Sharma/ Jonathan Tso

Well Identification No.: K710- MW-2

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up (from Ground): **N/A**

WELL DIAMETER

	1 inch
	2 inch
X	4 inch
	6 inch
	1.5 inch

WELL MATERIAL

X	PVC
	SS

Well Depth (ft.):	23.54
Depth to Water (ft):	13.67

Reference Point:

X	top of riser		historic
	top of casing	X	measured
	bgs		notch
			north side
			high point
			pen mark

Depth of pump intake (ft.): 20

	.041 gal/ft (1 in.)
	.163 gal/ft (2 in.)
X	.653 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

Height of water column (ft.): 9.92

PID SCREENING (ppmV)

Background	0.0
Well Mouth	0.6

Volume of Water in Well (gal):	6.5
Total Gallons Purged:	5.0

[Vol. = $r^2h(0.163)$]

Depth to NAPL (ft.):	N/A
Thickness of NAPL (ft.):	N/A

FIELD WATER QUALITY MEASUREMENTS

Time	9:30	9:35	9:40	9:45	9:50	9:55	10:00	10:05	10:10
Temp. (C.) - (±10%)	14.91	14.82	14.71	14.89	14.90	14.87	14.81	14.82	14.82
pH (Std.Units) - (± 0.1)	6.56	6.52	6.57	6.58	6.58	6.59	6.59	6.59	6.59
ORP (millivolts) - (± 10)	235	230	225	225	225	225	225	225	225
Conduct.(mS/cm) - (±3%)	1.01	0.959	0.947	0.948	0.940	0.938	0.939	0.939	0.938
Turb. (NTU) - (± 10%)	41.8	26.5	15.0	5.7	0.3	0.2	0.3	0.2	0.2
DO (mg/L) - (± 10%)	4.16	3.88	3.37	3.12	2.87	2.88	2.87	2.88	2.88
Flow (ml/min)	350	350	350	350	350	350	350	350	350
Depth to water (ft)	13.70	13.70	13.70	13.70	13.70	13.70	13.70	13.70	13.70
Comments	clear	clear	clear	clear	clear	clear	clear	clear	clear
	no odor, no sheen								

FIELD WATER QUALITY MEASUREMENTS

Time									
Temp. (C.) - (±10%)									
pH (Std.Units) - (± 0.1)									
ORP (millivolts) - (± 10)									
Conduct.(mS/cm) - (±3%)									
Turb. (NTU) - (± 10%)									
DO (mg/L) - (± 10%)									
Flow (ml/min)									
Depth to water (ft)									
Comments									

Pump Type	Purge	Sample	Description of Sampling Equipment
Peristaltic Pump	X	X	Peristaltic Pump- Solinst- 04404
Submersible Pump			Horiba- HS: 14260 Probe: 21327
Bladder Pump			IP 19805
Bailer:			PID MR3K 042636

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
Chlorinated VOCs	N	HCL	VOAS (40ml) x3	10:10	K710-MW-02
Chlorinated VOCs	N	HCL	VOAS (40ml) x3	11:10	K710-DUP-03252019

Remarks:

Groundwater Sampling Data Record Form

Project	Project No.	Date/Time	Sheet
K710	330553	6/5/2019, 11:15 am	1 of 1

TRC Personnel

Sanjay Sharma/ Jonathan Tso

Well Identification No.: K710-MW-2

WELL INTEGRITY	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-Up (from Ground)(ft): N/A

WELL DIAMETER

	1 inch
	2 inch
X	4 inch
	6 inch
	inch

WELL MATERIAL

X		
PVC	SS	

Well Depth (ft.):	23.35
Depth to Water (ft):	13.43

Depth of pump intake (ft.): 23

Height of Water Column (ft): 9.92

Volume of Water in Well (gal):	6.5
Total Gallons Purged:	19.2

[Vol. = $r^2h(0.163)$]

Reference Point:

X	top of riser	
	top of casing	
	bgs	
		X

	historic
	measured
	notch
	north side
	high point
X	pen mark

	.041 gal/ft (1 in.)
	.163 gal/ft (2 in.)
X	.653 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

PID SCREENING (ppmV)	
Background	0.0
Well Mouth	0.6

Depth to NAPL (ft.): N/A

Thickness of NAPL (ft.):

FIELD WATER QUALITY MEASUREMENTS

Time	11:25	11:30	11:35	11:40	11:45	11:50	11:55	12:05	12:15
Temp. (C.) - (±10%)	18.05	17.09	17.02	16.71	16.63	16.56	16.43	16.29	16.15
pH (Std.Units) - (± 0.1)	6.51	6.23	6.17	6.19	6.20	6.21	6.22	6.22	6.23
ORP (millivolts) - (± 10)	155	158	159	156	156	156	156	156	156
Conduct.(mS/cm) - (±3%)	0.669	0.674	0.664	0.648	0.637	0.630	0.628	0.629	0.628
Turb. (NTU) - (± 10%)	7.6	4.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0
DO (mg/L) - (± 10%)	5.95	3.27	2.21	1.83	1.53	1.67	1.66	1.65	1.62
Flow (ml/min)	225	750	750	750	750	750	750	750	750
Depth to water (ft)	13.45	13.45	13.44	13.44	13.44	13.44	13.44	13.44	13.44
Comments	Clear, no odor, no sheen; approximate flow rate								

FIELD WATER QUALITY MEASUREMENTS

Time	12:30	12:40	12:50	13:00					
Temp. (C.) - (±10%)	16.22	16.42	16.46	16.42					
pH (Std.Units) - (± 0.1)	6.23	6.23	6.22	6.23					
ORP (millivolts) - (± 10)	156	156	156	156					
Conduct.(mS/cm) - (±3%)	0.626	0.624	0.622	0.623					
Turb. (NTU) - (± 10%)	0.0	0.0	0.0	0.0					
DO (mg/L) - (± 10%)	1.67	1.68	1.64	1.63					
Flow (ml/min)	750	750	250	250					
Depth to water (ft)	13.44	13.44	13.44	13.44					
Comments	Clear, no odor, no sheen, approximate flow rate								

Pump Type	Purge	Sample	Description of Sampling Equipment
Peristaltic Pump	X	X	PID- 45374- 592-927284
Submersible Pump			HORIBA- HS-19218 Probe- 21189
Bladder Pump			IP- 29700
Bailer:			Peristaltic Pump- 17543

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
GW Chlorinated VOCs	N	HCL	VOAS (40mL) x3	13:00	K710-MW-02

Remarks:

Groundwater Sampling Data Record Form

Project	Project No.	Date/Time	Sheet
K710	330553	9/6/2019, 10:25 am	1 of 1

TRC Personnel

Sanjay Sharma/ Karyn Treinen

Well Identification No.: K710- MW-1

WELL INTEGRITY	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up (from Ground): **N/A**

WELL DIAMETER	
	1 inch
	2 inch
X	4 inch
	6 inch
	inch

WELL MATERIAL

X PVC | | SS | |

Well Depth (ft.):	23.35
Depth to Water (ft):	13.66

Depth of pump intake (ft.): 22

Height of water column (ft.): 9.69

Reference Point:		
X	top of riser	
	top of casing	
	bgs	
		X

	historic
	measured
	notch
	north side
	high point
X	pen mark

	.041 gal/ft (1 in.)
	.163 gal/ft (2 in.)
X	.653 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

PID SCREENING (ppmV)	
Background	1.1
Well Mouth	44.6

Volume of Water in Well (gal):	6.3
Total Gallons Purged:	19
[Vol. = $r^2h(0.163)$]	

Depth to NAPL (ft.):	N/A
Thickness of NAPL (ft.):	

FIELD WATER QUALITY MEASUREMENTS

Time	10:35	10:45	10:55	11:05	11:15	11:25	11:35	11:45	11:55	12:00
Temp. (C.) - (±10%)	18.26	17.10	17.23	17.29	17.25	17.91	17.27	17.28	17.26	17.22
pH (Std.Units) - (± 0.1)	7.33	6.84	6.85	6.99	6.98	6.44	6.98	6.98	6.96	6.97
ORP (millivolts) - (± 10)	142	142	144	142	142	145	144	145	146	148
Conduct.(mS/cm) - (±3%)	0.737	0.693	0.696	0.657	0.694	0.652	0.646	0.647	0.644	0.641
Turb. (NTU) - (± 10%)	527.0	27.6	145	17.7	29.3	19.3	15.7	11.9	11.3	11.1
DO (mg/L) - (± 10%)	5.00	5.93	4.35	4.46	4.53	4.54	4.52	4.52	4.6	4.63
Flow (ml/min)	0.275	0.275	0.275	0.275	0.275	0.125	0.125	0.125	0.125	0.1
Depth to water (ft)	13.72	13.72	13.72	13.70	13.71	13.72	13.72	13.72	13.72	13.72
Comments	clear, no odor, no sheen									

FIELD WATER QUALITY MEASUREMENTS

Time RESTARTED	12:05	12:10	12:15	12:20						
Temp. (C.) - (±10%)	17.23	17.24	17.27	17.29						
pH (Std.Units) - (± 0.1)	6.89	6.98	6.44	6.96						
ORP (millivolts) - (± 10)	150	144	144	151						
Conduct.(mS/cm) - (±3%)	0.635	0.639	0.636	0.644						
Turb. (NTU) - (± 10%)	10.4	10.3	10.1	9.4						
DO (mg/L) - (± 10%)	6.07	4.7	4.7	4.64						
Flow (ml/min)	0.1	0.1	0.1	0.1						
Depth to water (ft)	13.72	13.72	13.72	13.72						
Comments	clear, no odor, no sheen									

Pump Type	Purge	Sample	Description of Sampling Equipment
Peristaltic Pump	X	X	PID- 21871
Submersible Pump			HORIBA- 32096-32095
Bladder Pump			IP- 34829
Bailer:			Peristaltic Pump- 44405

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
GW Chlorinated VOCs	N	HCL	VOAS (40mL) x3	12:20	K710- MW-02

Remarks:

Groundwater Sampling Data Record Form

Project	Project No.	Date/Time	Sheet
K710	330553	12/2/2019, 07:37 am	1 of 1

TRC Personnel

Jonathan Tso

Well Identification No.: K710- MW-2

WELL INTEGRITY	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up (from Ground): **N/A**

WELL DIAMETER		
		1 inch
		2 inch
	X	4 inch
		6 inch
		inch

WELL MATERIAL

X		
PVC	SS	

Well Depth (ft.):	20.76
Depth to Water (ft):	14.19

Depth of pump intake (ft.): 18

Height of water column (ft.): 6.57

Reference Point:			
X	top of riser		historic
	top of casing		measured
	bgs		notch
		X	north side
			high point
			pen mark

	.041 gal/ft (1 in.)
	.163 gal/ft (2 in.)
X	.653 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

PID SCREENING (ppmV)	
Background	0
Well Mouth	0

Volume of Water in Well (gal):	4.27
Total Gallons Purged:	16
[Vol. = $r^2h(0.163)$]	

Depth to NAPL (ft.):	N/A
Thickness of NAPL (ft.):	

FIELD WATER QUALITY MEASUREMENTS

Time	8:08	8:18	8:38	8:48	8:58	9:08	9:18	9:28	9:38
Temp. (C.) - (±10%)	12.47	12.47	10.30	10.48	10.37	10.56	10.51	10.56	10.36
pH (Std.Units) - (± 0.1)	6.07	6.18	6.3	6.24	6.25	6.26	6.28	6.29	6.3
ORP (millivolts) - (± 10)	238	245	242	253	252	254	254	254	255
Conduct.(mS/cm) - (±3%)	0.954	0.956	0.954	0.974	0.993	0.993	1.010	1.000	0.998
Turb. (NTU) - (± 10%)	72.0	8.6	47.8	44.1	25.4	20.1	21.1	20.7	18.6
DO (mg/L) - (± 10%)	2.05	1.82	3.64	3.09	9.36	9.55	8.22	7.68	7.33
Flow (ml/min)	450	450	450	450	450	450	450	450	450
Depth to water (ft)	14.19	14.21	14.21	14.22	14.19	14.2	14.19	14.19	14.21
Comments	**no odor, no sheen, clear**								

FIELD WATER QUALITY MEASUREMENTS

Time RESTARTED	9:48	9:58	10:08	10:18						
Temp. (C.) - (±10%)	10.65	10.64	10.68	10.67						
pH (Std.Units) - (± 0.1)	6.32	6.24	6.3	6.3						
ORP (millivolts) - (± 10)	241	248	252	253						
Conduct.(mS/cm) - (±3%)	0.998	0.999	0.992	0.992						
Turb. (NTU) - (± 10%)	17.5	18.1	10.9	10.8						
DO (mg/L) - (± 10%)	8.43	6.75	6.11	7.26						
Flow (ml/min)	450	450	450	450						
Depth to water (ft)	14.2	14.21	14.19	14.20						
Comments	**clear, no odor, no sheen**									

Pump Type	Purge	Sample	Description of Sampling Equipment
Peristaltic Pump	X	X	PID- 45305- 512-927300
Submersible Pump			HORIBA- HS-18358 Probe- 21172
Bladder Pump			IP- 041002
Bailer:			Peristaltic Pump- 19069

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
GW Chlorinated VOCs	N	HCL	VOAS (40mL) x3	10:24	K710- MW-2
GW Chlorinated VOCs	N	HCL	VOAS (40mL) x3	10:24	K710-DUP-12022019

Remarks: Flow rate measured using a 500 mL graduated cylinder

ATTACHMENT E

WASTE DISPOSAL RECORDS

Clean Water of New York, Inc.

April 2, 2019

Kevin Boger, PE
TRC Engineers, Inc.
1430 Broadway, 10th Floor
New York, New York 10018

Re: 168 8th Street
Brooklyn, NY 11215
NYSDEC Brownfield Cleanup Program (BCP)
Site No. C224266
Approval Letter

Dear Mr. Boger,

Clean Water of New York, Inc. (CWNY) received a written request dated April 1, 2018 for disposal and reviewed the attached reports and sample data for the above referenced Site. Based upon the review of the analytical data provided the material will be accepted under approval number 237-207 and 237-208 previously assigned to this project. CWNY will assume ownership of the contaminated soil and groundwater under the facility's NYSDEC Part 360 Permit and solids will be transported to the Waste Management – G.R.O.W.S. Landfill located in Morrisville, PA which is permitted/approved to accept the material.

Copies of the disposal manifests will be provided under separate cover. Should you have any questions or concerns, please do not hesitate to contact me at (718) 981-4600.

Sincerely,
Clean Water of New York, Inc.

Gary Scoppio
Director of Env. Services

3249 Richmond Terrace • P.O. Box 030312 • Staten Island, New York 10303-0312
Telephone (718) 981-4600 • Fax (718) 981-5213
www.cwofny.com

PHONE: 631.608.8810
FAX: 631.608.8811

BROOKSIDE ENVIRONMENTAL
www.brooksideweb.com

Transporter Permit #1A-644
EPA ID #NYR000081661
BIC # 2935

NON-HAZARDOUS MANIFEST

1. Customer's US EPA ID NO.: Not Required
Document No.: 4919-1
2. Page 1 of: 1 2215

GENERATOR

3. Generator Site Address and Mailing Address
NYC SCHOOL CONSTRUCTION AUTHORITY
30-30 THOMSON AVENUE
QUEENS, NY 11101
4. Phone

SITE:
K710
168 8TH STREET
BROOKLYN, NY 11215

A. Document Number:
B. State ID:

5. Transporter 1 Company Name: Brookside Environmental, Inc.
6. US EPA ID Number: NYR000081661
C. State Transporter's ID: 1A-644
D. Transporter's Phone: (631) 608-8810

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
Clean Water of New York
3249 Richmond Terrace
Staten Island, NY 10303
10. US EPA ID Number: NYD000968545
G. State Facility's ID:
H. Facility's Phone: (718) 981-4600

11. US DOT Description (Including Proper Shipping Name)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	L. Waste No.
a. Non-hazardous waste solid, nos Non-RCRA/Non-DOT Hazardous	002	DM	1000	P	
b. Non-hazardous waste liquid, nos Non-RCRA/Non-DOT Hazardous	002	DM	100	G	
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a.) SOIL APPROVAL # 237-207
b.) GROUNDWATER APPROVAL # 237-208

K. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information
a) ~~App# 237-028~~
b) ~~App# 237-029~~

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

Printed / Type Name: Nick Holdener
Signature:
DATE: Month 4 Day 9 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed / Type Name: Nick Holdener
Signature:
DATE: Month 4 Day 9 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed / Type Name: Jonathan Tsu As Agent for NYCSCA
Signature:
DATE: Month 4 Day 9 Year 19

FACILITY

19. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted.
Printed / Typed Name: Carlos Herrera
DATE: Month 4 Day 9 Year 19

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	Not required	1	631-608-810	2215

5. Generator's Name and Mailing Address
New York City School Construction Authority
30-30 Thomson Avenue
Long Island City NY 11101
Generator's Phone: 212 221-7822

Generator's Site Address (if different than mailing address)
NYCSCA - K710
168 8th Street
Brooklyn NY 11215

6. Transporter 1 Company Name
Brooksule Environmental, Inc.

U.S. EPA ID Number
NYR000081661

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Water of New York
3249 Richmond Terrace
Staten Island NY 10303
Facility's Phone: 718 981-4600

U.S. EPA ID Number
NYD000968545

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-regulated material, liquid Non-RCRA / Non-DOT	001	DM	00055	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
NY Groundwater Approval # 237-209

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Esther T. L. Ruiz - NYCSCA		6	2	17

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Daniel Kunicke		06	21	17

Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

	Month	Day	Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S/SHIPPER'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-808-8510	K710

GENERATOR

5. Generator's Name and Mailing Address
NYC School Construction Authority
30-30 Thompson Avenue
Long Island City NY 11101
Generator's Phone: 212 324-7952

Generator's Site Address (if different than mailing address)
NYC School Construction Authority - K710
199 6th Street
Brooklyn NY 11215

6. Transporter 1 Company Name
Brookside Environmental, Inc.

U.S. EPA ID Number
NYR000031661

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Water of New York
324 Richmond Terrace
Staten Island NY 10303
Facility's Phone: 718 981-4900

U.S. EPA ID Number
NYD000686548

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-regulated material, liquid Non-RCRA / Non DOT	01	DM	55	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Groundwater Approval # 237-R3a

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X Emily Lieit as agent for NYCSCA
Signature: X as agent for NYCSCA
Month: 9 Day: 30 Year: 19

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: William Rigo
Signature:
Month: 9 Day: 30 Year: 19

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Mathew Wallace
Signature:
Month: 10 Day: 4 Year: 19

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not required

2. Page 1 of: 1

3. Emergency Response Phone: 631-608-8810

4. Waste Tracking Number: K710

5. Generator's Name and Mailing Address
NYC School Construction Authority
30-30 Thompson Avenue
Long Island City NY 11101
Generator's Phone: 212 221-7822

Generator's Site Address (if different than mailing address)
NYC School Construction Authority - K710
188 8th Street
Brooklyn NY 11215

6. Transporter 1 Company Name
Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Water of New York
3249 Richmond Terrace
Staten Island NY 10303
Facility's Phone: 718 981-4600
U.S. EPA ID Number: NYD000968545

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-regulated material, liquid Non-RCRA / Non DOT	001	DM	55	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Sewer Water Approval # 237-208

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [signature] Month: 12 Day: 17 Year: 19

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Nicholas Hellegers Signature: [signature] Month: 12 Day: 17 Year: 19

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Signature: Month: Day: Year:

GENERATOR

BLC-O 5 11977 (Rev. 9/09)

GENERATOR'S/SHIPPER'S INITIAL COPY

ATTACHMENT F

LABORATORY ANALYTICAL REPORTS

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-178001-1

Job Description: 8th St - K710- NYSCA Haz Mat

For:
TRC Environmental Corporation
1430 Broadway, 10th FL
New York, NY 10018-3308

Attention: Lindsay O'Hara



Approved for release.
Jannel O Franklin
Manager of Project Management Assistants
3/30/2019 10:04 AM

Jannel O Franklin, Manager of Project Management Assistants
777 New Durham Road, Edison, NJ, 08817
(732)593-2551
jannel.franklin@testamericainc.com
03/30/2019

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 LAO00132

Job Number: 460-178001-1

Job Description: 8th St - K710- NYSCA Haz Mat

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



Approved for release.
Jannel O Franklin
Manager of Project Management Assistants
3/30/2019 10:04 AM

Jannel O Franklin

Table of Contents

Cover Title Page 1

Data Summaries 5

Report Narrative 5

Sample Summary 6

Detection Summary 7

Method Summary 8

Client Sample Results 9

Surrogate Summary 12

QC Sample Results 13

Definitions 15

QC Association 16

Chronicle 17

Certification Summary 18

Organic Sample Data 19

GC/MS VOA 19

8260C 19

8260C QC Summary 20

8260C Sample Data 31

Standards Data 53

8260C ICAL Data 53

8260C CCAL Data 202

Raw QC Data 229

8260C Tune Data 229

8260C Blank Data 237

8260C LCS/LCSD Data 240

8260C MS/MSD Data 246

Table of Contents

8260C Run Logs 259
8260C Prep Data 261
Shipping and Receiving Documents 265
Client Chain of Custody 266
Sample Receipt Checklist 268

CASE NARRATIVE

Client: TRC Environmental Corporation

Project: 8th St - K710- NYSCA Haz Mat

Report Number: 460-178001-1

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 3/25/2019 7:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2º C.

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

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples K710-MW-2 (460-178001-1), K710-MW-1 (460-178001-2), K710-DUP-03252019 (460-178001-3), K710-EB-03252019 (460-178001-4) and K710-TB-03252019 (460-178001-5) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 03/29/2019.

Methylene Chloride failed the recovery criteria high for the MS of sample 460-177969-2 in batch 460-598754.

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.

Sample Summary

Client: TRC Environmental Corporation
Project/Site: 8th St - K710- NYSCA Haz Mat

TestAmerica Job ID: 460-178001-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-178001-1	K710-MW-2	Water	03/25/19 10:10	03/25/19 19:00
460-178001-2	K710-MW-1	Water	03/25/19 11:50	03/25/19 19:00
460-178001-3	K710-DUP-03252019	Water	03/25/19 11:10	03/25/19 19:00
460-178001-4	K710-EB-03252019	Water	03/25/19 10:35	03/25/19 19:00
460-178001-5	K710-TB-03252019	Water	03/25/19 00:00	03/25/19 19:00

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 8th St - K710- NYSCA Haz Mat

TestAmerica Job ID: 460-178001-1

Client Sample ID: K710-MW-2 — Lab Sample ID: 460-178001-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.0		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	2.2		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: K710-MW-1 — Lab Sample ID: 460-178001-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.36	J	1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.3		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	1.9		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: K710-DUP-03252019 — Lab Sample ID: 460-178001-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.1		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	2.4		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: K710-EB-03252019 — Lab Sample ID: 460-178001-4

No Detections.

Client Sample ID: K710-TB-03252019 — Lab Sample ID: 460-178001-5

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Project/Site: 8th St - K710- NYSCA Haz Mat

TestAmerica Job ID: 460-178001-1

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: K710-MW-2

Date Collected: 03/25/19 10:10
Date Received: 03/25/19 19:00

Lab Sample ID: 460-178001-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/29/19 04:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/29/19 04:18	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			03/29/19 04:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/29/19 04:18	1
Chloromethane	1.0	U	1.0	0.14	ug/L			03/29/19 04:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/29/19 04:18	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/29/19 04:18	1
Tetrachloroethene	**1.0**		1.0	0.25	ug/L			03/29/19 04:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/29/19 04:18	1
Trichloroethene	**2.2**		1.0	0.31	ug/L			03/29/19 04:18	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/29/19 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*74 - 132*		*03/29/19 04:18*	*1*
4-Bromofluorobenzene	*100*		*77 - 124*		*03/29/19 04:18*	*1*
Dibromofluoromethane (Surr)	*107*		*72 - 131*		*03/29/19 04:18*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/29/19 04:18*	*1*

Client Sample ID: K710-MW-1

Date Collected: 03/25/19 11:50
Date Received: 03/25/19 19:00

Lab Sample ID: 460-178001-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/29/19 04:42	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/29/19 04:42	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			03/29/19 04:42	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/29/19 04:42	1
Chloromethane	1.0	U	1.0	0.14	ug/L			03/29/19 04:42	1
cis-1,2-Dichloroethene	**0.36**	**J**	1.0	0.22	ug/L			03/29/19 04:42	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/29/19 04:42	1
Tetrachloroethene	**1.3**		1.0	0.25	ug/L			03/29/19 04:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/29/19 04:42	1
Trichloroethene	**1.9**		1.0	0.31	ug/L			03/29/19 04:42	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/29/19 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*74 - 132*		*03/29/19 04:42*	*1*
4-Bromofluorobenzene	*108*		*77 - 124*		*03/29/19 04:42*	*1*
Dibromofluoromethane (Surr)	*106*		*72 - 131*		*03/29/19 04:42*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/29/19 04:42*	*1*

Client Sample ID: K710-DUP-03252019

Date Collected: 03/25/19 11:10
Date Received: 03/25/19 19:00

Lab Sample ID: 460-178001-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/29/19 05:07	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/29/19 05:07	1

Client Sample ID: K710-DUP-03252019

Lab Sample ID: 460-178001-3

Date Collected: 03/25/19 11:10

Matrix: Water

Date Received: 03/25/19 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			03/29/19 05:07	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/29/19 05:07	1
Chloromethane	1.0	U	1.0	0.14	ug/L			03/29/19 05:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/29/19 05:07	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/29/19 05:07	1
Tetrachloroethene	**1.1**		1.0	0.25	ug/L			03/29/19 05:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/29/19 05:07	1
Trichloroethene	**2.4**		1.0	0.31	ug/L			03/29/19 05:07	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/29/19 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*74 - 132*		*03/29/19 05:07*	*1*
4-Bromofluorobenzene	*103*		*77 - 124*		*03/29/19 05:07*	*1*
Dibromofluoromethane (Surr)	*108*		*72 - 131*		*03/29/19 05:07*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/29/19 05:07*	*1*

Client Sample ID: K710-EB-03252019

Lab Sample ID: 460-178001-4

Date Collected: 03/25/19 10:35

Matrix: Water

Date Received: 03/25/19 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/29/19 05:31	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/29/19 05:31	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			03/29/19 05:31	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/29/19 05:31	1
Chloromethane	1.0	U	1.0	0.14	ug/L			03/29/19 05:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/29/19 05:31	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/29/19 05:31	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			03/29/19 05:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/29/19 05:31	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			03/29/19 05:31	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/29/19 05:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*74 - 132*		*03/29/19 05:31*	*1*
4-Bromofluorobenzene	*99*		*77 - 124*		*03/29/19 05:31*	*1*
Dibromofluoromethane (Surr)	*107*		*72 - 131*		*03/29/19 05:31*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/29/19 05:31*	*1*

Client Sample ID: K710-TB-03252019

Lab Sample ID: 460-178001-5

Date Collected: 03/25/19 00:00

Matrix: Water

Date Received: 03/25/19 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/29/19 05:56	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/29/19 05:56	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			03/29/19 05:56	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/29/19 05:56	1

Client Sample ID: K710-TB-03252019
Date Collected: 03/25/19 00:00
Date Received: 03/25/19 19:00

Lab Sample ID: 460-178001-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	1.0	U	1.0	0.14	ug/L			03/29/19 05:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/29/19 05:56	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/29/19 05:56	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			03/29/19 05:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/29/19 05:56	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			03/29/19 05:56	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/29/19 05:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*74 - 132*		*03/29/19 05:56*	*1*
4-Bromofluorobenzene	*101*		*77 - 124*		*03/29/19 05:56*	*1*
Dibromofluoromethane (Surr)	*105*		*72 - 131*		*03/29/19 05:56*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/29/19 05:56*	*1*

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: 8th St - K710- NYSCA Haz Mat

TestAmerica Job ID: 460-178001-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(74-132)	(77-124)	(72-131)	(80-120)
460-177969-B-2 MS	Matrix Spike	105	100	109	98
460-177969-B-2 MSD	Matrix Spike Duplicate	102	100	104	97
460-178001-1	K710-MW-2	107	100	107	97
460-178001-2	K710-MW-1	100	108	106	100
460-178001-3	K710-DUP-03252019	107	103	108	99
460-178001-4	K710-EB-03252019	105	99	107	94
460-178001-5	K710-TB-03252019	107	101	105	101
LCS 460-598754/5	Lab Control Sample	105	99	106	99
MB 460-598754/8	Method Blank	104	97	106	97

Surrogate Legend

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

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

Lab Sample ID: MB 460-598754/8
Matrix: Water
Analysis Batch: 598754

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/28/19 22:38	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/28/19 22:38	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			03/28/19 22:38	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/28/19 22:38	1
Chloromethane	1.0	U	1.0	0.14	ug/L			03/28/19 22:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/28/19 22:38	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/28/19 22:38	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			03/28/19 22:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/28/19 22:38	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			03/28/19 22:38	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/28/19 22:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*74 - 132*		*03/28/19 22:38*	*1*
4-Bromofluorobenzene	*97*		*77 - 124*		*03/28/19 22:38*	*1*
Dibromofluoromethane (Surr)	*106*		*72 - 131*		*03/28/19 22:38*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/28/19 22:38*	*1*

Lab Sample ID: LCS 460-598754/5
Matrix: Water
Analysis Batch: 598754

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	21.1		ug/L		105	75 - 125
1,1-Dichloroethane	20.0	22.7		ug/L		114	77 - 123
1,1-Dichloroethene	20.0	22.1		ug/L		111	74 - 123
Carbon tetrachloride	20.0	20.0		ug/L		100	70 - 132
Chloromethane	20.0	19.0		ug/L		95	56 - 131
cis-1,2-Dichloroethene	20.0	21.8		ug/L		109	80 - 120
Methylene Chloride	20.0	24.1		ug/L		121	77 - 123
Tetrachloroethene	20.0	20.4		ug/L		102	78 - 122
trans-1,2-Dichloroethene	20.0	23.0		ug/L		115	79 - 120
Trichloroethene	20.0	19.7		ug/L		98	77 - 120
Vinyl chloride	20.0	18.5		ug/L		93	62 - 138

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*74 - 132*
4-Bromofluorobenzene	*99*		*77 - 124*
Dibromofluoromethane (Surr)	*106*		*72 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 460-177969-B-2 MS
Matrix: Water
Analysis Batch: 598754

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	1.0	U	20.0	22.9		ug/L		115	75 - 125

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

Lab Sample ID: 460-177969-B-2 MS
Matrix: Water
Analysis Batch: 598754

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	1.0	U	20.0	24.1		ug/L		121	77 - 123
1,1-Dichloroethene	1.0	U	20.0	24.1		ug/L		121	74 - 123
Carbon tetrachloride	1.0	U	20.0	21.4		ug/L		107	70 - 132
Chloromethane	1.0	U	20.0	19.6		ug/L		98	56 - 131
cis-1,2-Dichloroethene	1.0	U	20.0	22.8		ug/L		114	80 - 120
Methylene Chloride	1.0	U	20.0	25.7	*	ug/L		129	77 - 123
Tetrachloroethene	0.57	J	20.0	20.8		ug/L		101	78 - 122
trans-1,2-Dichloroethene	1.0	U	20.0	24.0		ug/L		120	79 - 120
Trichloroethene	1.0	U	20.0	20.2		ug/L		101	77 - 120
Vinyl chloride	1.0	U	20.0	20.7		ug/L		103	62 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*74 - 132*
4-Bromofluorobenzene	*100*		*77 - 124*
Dibromofluoromethane (Surr)	*109*		*72 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 460-177969-B-2 MSD
Matrix: Water
Analysis Batch: 598754

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	21.0		ug/L		105	75 - 125	9	30
1,1-Dichloroethane	1.0	U	20.0	21.7		ug/L		108	77 - 123	11	30
1,1-Dichloroethene	1.0	U	20.0	22.1		ug/L		111	74 - 123	9	30
Carbon tetrachloride	1.0	U	20.0	19.8		ug/L		99	70 - 132	8	30
Chloromethane	1.0	U	20.0	18.4		ug/L		92	56 - 131	6	30
cis-1,2-Dichloroethene	1.0	U	20.0	20.6		ug/L		103	80 - 120	10	30
Methylene Chloride	1.0	U	20.0	23.9		ug/L		120	77 - 123	7	30
Tetrachloroethene	0.57	J	20.0	19.7		ug/L		96	78 - 122	6	30
trans-1,2-Dichloroethene	1.0	U	20.0	22.0		ug/L		110	79 - 120	9	30
Trichloroethene	1.0	U	20.0	19.1		ug/L		96	77 - 120	5	30
Vinyl chloride	1.0	U	20.0	18.1		ug/L		91	62 - 138	13	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*74 - 132*
4-Bromofluorobenzene	*100*		*77 - 124*
Dibromofluoromethane (Surr)	*104*		*72 - 131*
Toluene-d8 (Surr)	*97*		*80 - 120*

Qualifiers

GC/MS VOA

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

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)

GC/MS VOA

Analysis Batch: 598754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-178001-1	K710-MW-2	Total/NA	Water	8260C	
460-178001-2	K710-MW-1	Total/NA	Water	8260C	
460-178001-3	K710-DUP-03252019	Total/NA	Water	8260C	
460-178001-4	K710-EB-03252019	Total/NA	Water	8260C	
460-178001-5	K710-TB-03252019	Total/NA	Water	8260C	
MB 460-598754/8	Method Blank	Total/NA	Water	8260C	
LCS 460-598754/5	Lab Control Sample	Total/NA	Water	8260C	
460-177969-B-2 MS	Matrix Spike	Total/NA	Water	8260C	
460-177969-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 8th St - K710- NYSCA Haz Mat

TestAmerica Job ID: 460-178001-1

Client Sample ID: K710-MW-2
Date Collected: 03/25/19 10:10
Date Received: 03/25/19 19:00

Lab Sample ID: 460-178001-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	598754	03/29/19 04:18	VBP	TAL EDI

Client Sample ID: K710-MW-1
Date Collected: 03/25/19 11:50
Date Received: 03/25/19 19:00

Lab Sample ID: 460-178001-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	598754	03/29/19 04:42	VBP	TAL EDI

Client Sample ID: K710-DUP-03252019
Date Collected: 03/25/19 11:10
Date Received: 03/25/19 19:00

Lab Sample ID: 460-178001-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	598754	03/29/19 05:07	VBP	TAL EDI

Client Sample ID: K710-EB-03252019
Date Collected: 03/25/19 10:35
Date Received: 03/25/19 19:00

Lab Sample ID: 460-178001-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	598754	03/29/19 05:31	VBP	TAL EDI

Client Sample ID: K710-TB-03252019
Date Collected: 03/25/19 00:00
Date Received: 03/25/19 19:00

Lab Sample ID: 460-178001-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	598754	03/29/19 05:56	VBP	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Environmental Corporation
TestAmerica Job ID: 460-178001-1
Project/Site: 8th St - K710- NYSCA Haz Mat

Laboratory: TestAmerica Edison

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

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

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-178001-1

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 #
K710-MW-2	460-178001-1	107	107	97	100
K710-MW-1	460-178001-2	106	100	100	108
K710-DUP-03252019	460-178001-3	108	107	99	103
K710-EB-03252019	460-178001-4	107	105	94	99
K710-TB-03252019	460-178001-5	105	107	101	101
	MB 460-598754/8	106	104	97	97
	LCS 460-598754/5	106	105	99	99
	460-177969-B-2 MS	109	105	98	100
	460-177969-B-2 MSD	104	102	97	100

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

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F78389.D

Lab ID: LCS 460-598754/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.1	105	75-125	
1,1-Dichloroethane	20.0	22.7	114	77-123	
1,1-Dichloroethene	20.0	22.1	111	74-123	
Carbon tetrachloride	20.0	20.0	100	70-132	
Chloromethane	20.0	19.0	95	56-131	
cis-1,2-Dichloroethene	20.0	21.8	109	80-120	
Methylene Chloride	20.0	24.1	121	77-123	
Tetrachloroethene	20.0	20.4	102	78-122	
trans-1,2-Dichloroethene	20.0	23.0	115	79-120	
Trichloroethene	20.0	19.7	98	77-120	
Vinyl chloride	20.0	18.5	93	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F78411.D

Lab ID: 460-177969-B-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	22.9	115	75-125	
1,1-Dichloroethane	20.0	1.0 U	24.1	121	77-123	
1,1-Dichloroethene	20.0	1.0 U	24.1	121	74-123	
Carbon tetrachloride	20.0	1.0 U	21.4	107	70-132	
Chloromethane	20.0	1.0 U	19.6	98	56-131	
cis-1,2-Dichloroethene	20.0	1.0 U	22.8	114	80-120	
Methylene Chloride	20.0	1.0 U	25.7	129	77-123	*
Tetrachloroethene	20.0	0.57 J	20.8	101	78-122	
trans-1,2-Dichloroethene	20.0	1.0 U	24.0	120	79-120	
Trichloroethene	20.0	1.0 U	20.2	101	77-120	
Vinyl chloride	20.0	1.0 U	20.7	103	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F78412.D

Lab ID: 460-177969-B-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.0	105	9	30	75-125	
1,1-Dichloroethane	20.0	21.7	108	11	30	77-123	
1,1-Dichloroethene	20.0	22.1	111	9	30	74-123	
Carbon tetrachloride	20.0	19.8	99	8	30	70-132	
Chloromethane	20.0	18.4	92	6	30	56-131	
cis-1,2-Dichloroethene	20.0	20.6	103	10	30	80-120	
Methylene Chloride	20.0	23.9	120	7	30	77-123	
Tetrachloroethene	20.0	19.7	96	6	30	78-122	
trans-1,2-Dichloroethene	20.0	22.0	110	9	30	79-120	
Trichloroethene	20.0	19.1	96	5	30	77-120	
Vinyl chloride	20.0	18.1	91	13	30	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Lab File ID: F78392.D Lab Sample ID: MB 460-598754/8

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

Instrument ID: CVOAMS6 Date Analyzed: 03/28/2019 22:38

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 460-598754/5	F78389.D	03/28/2019 21:26
K710-MW-2	460-178001-1	F78406.D	03/29/2019 04:18
K710-MW-1	460-178001-2	F78407.D	03/29/2019 04:42
K710-DUP-03252019	460-178001-3	F78408.D	03/29/2019 05:07
K710-EB-03252019	460-178001-4	F78409.D	03/29/2019 05:31
K710-TB-03252019	460-178001-5	F78410.D	03/29/2019 05:56
	460-177969-B-2 MS	F78411.D	03/29/2019 06:20
	460-177969-B-2 MSD	F78412.D	03/29/2019 06:44

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Lab File ID: F77659.D BFB Injection Date: 03/14/2019

Instrument ID: CVOAMS6 BFB Injection Time: 09:03

Analysis Batch No.: 595334

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.1	
75	30.0 - 60.0 % of mass 95	45.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.4	(0.5) 1
174	50.0 - 120.00 % of mass 95	79.3	
175	5.0 - 9.0 % of mass 174	5.8	(7.3) 1
176	95.0 - 101.0 % of mass 174	79.2	(99.8) 1
177	5.0 - 9.0 % of mass 176	5.2	(6.5) 2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-595334/3	F77661.D	03/14/2019	10:51
	STD1 460-595334/4	F77662.D	03/14/2019	11:15
	STD5 460-595334/5	F77663.D	03/14/2019	11:38
	STD20 460-595334/6	F77664.D	03/14/2019	12:03
	STD50 460-595334/7	F77665.D	03/14/2019	12:27
	STD200 460-595334/8	F77666.D	03/14/2019	12:50
	STD500 460-595334/9	F77667.D	03/14/2019	13:15
	ICV 460-595334/18	F77676.D	03/14/2019	16:52

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Lab File ID: F78385.D BFB Injection Date: 03/28/2019

Instrument ID: CVOAMS6 BFB Injection Time: 19:45

Analysis Batch No.: 598754

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.5	
75	30.0 - 60.0 % of mass 95	53.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.6	(0.8) 1
174	50.0 - 120.00 % of mass 95	83.5	
175	5.0 - 9.0 % of mass 174	6.2	(7.4) 1
176	95.0 - 101.0 % of mass 174	81.0	(97.0) 1
177	5.0 - 9.0 % of mass 176	5.8	(7.2) 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 460-598754/3	F78387.D	03/28/2019	20:37
	LCS 460-598754/5	F78389.D	03/28/2019	21:26
	MB 460-598754/8	F78392.D	03/28/2019	22:38
K710-MW-2	460-178001-1	F78406.D	03/29/2019	04:18
K710-MW-1	460-178001-2	F78407.D	03/29/2019	04:42
K710-DUP-03252019	460-178001-3	F78408.D	03/29/2019	05:07
K710-EB-03252019	460-178001-4	F78409.D	03/29/2019	05:31
K710-TB-03252019	460-178001-5	F78410.D	03/29/2019	05:56
	460-177969-B-2 MS	F78411.D	03/29/2019	06:20
	460-177969-B-2 MSD	F78412.D	03/29/2019	06:44

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Sample No.: STD20 460-595334/6 Date Analyzed: 03/14/2019 12:03

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F77664.D Heated Purge: (Y/N) N

Calibration ID: 73867

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		105058	3.17	104990	4.20	240334	5.27
UPPER LIMIT		210116	3.67	209980	4.70	480668	5.77
LOWER LIMIT		52529	2.67	52495	3.70	120167	4.77
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-595334/18		100804	3.16	104173	4.20	233114	5.27

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

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Sample No.: STD20 460-595334/6 Date Analyzed: 03/14/2019 12:03

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F77664.D Heated Purge: (Y/N) N

Calibration ID: 73867

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		10362	5.98	163852	8.71	98207	10.88
UPPER LIMIT		20724	6.48	327704	9.21	196414	11.38
LOWER LIMIT		5181	5.48	81926	8.21	49104	10.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-595334/18		11178	5.99	157923	8.71	98034	10.88

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Sample No.: CCVIS 460-598754/3 Date Analyzed: 03/28/2019 20:37

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F78387.D Heated Purge: (Y/N) N

Calibration ID: 73867

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		74602	3.17	77773	4.19	176135	5.27
UPPER LIMIT		149204	3.67	155546	4.69	352270	5.77
LOWER LIMIT		37301	2.67	38887	3.69	88068	4.77
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-598754/5		71975	3.17	81722	4.19	178560	5.27
MB 460-598754/8		67941	3.17	65908	4.20	158426	5.26
460-178001-1	K710-MW-2	74032	3.19	67974	4.20	163323	5.27
460-178001-2	K710-MW-1	62604	3.18	62764	4.19	152123	5.27
460-178001-3	K710-DUP-03252019	61344	3.16	62305	4.19	151644	5.26
460-178001-4	K710-EB-03252019	67965	3.16	65027	4.19	152815	5.27
460-178001-5	K710-TB-03252019	68562	3.17	71183	4.20	167211	5.27
460-177969-B-2 MS		69136	3.16	77010	4.19	162345	5.27
460-177969-B-2 MSD		74905	3.17	77568	4.19	172368	5.27

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

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Sample No.: CCVIS 460-598754/3 Date Analyzed: 03/28/2019 20:37

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F78387.D Heated Purge: (Y/N) N

Calibration ID: 73867

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		6798	5.98	132711	8.71	79621	10.87
UPPER LIMIT		13596	6.48	265422	9.21	159242	11.37
LOWER LIMIT		3399	5.48	66356	8.21	39811	10.37
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-598754/5		7035	5.97	133301	8.71	82745	10.87
MB 460-598754/8		5811	5.98	112969	8.71	66331	10.88
460-178001-1	K710-MW-2	6533	5.98	122101	8.71	75069	10.88
460-178001-2	K710-MW-1	6128	5.97	108813	8.71	66260	10.88
460-178001-3	K710-DUP-03252019	5382	5.98	109180	8.71	68251	10.88
460-178001-4	K710-EB-03252019	5675	5.99	114260	8.71	68144	10.88
460-178001-5	K710-TB-03252019	5803	5.96	119088	8.71	72718	10.88
460-177969-B-2 MS		6463	5.96	122449	8.71	78531	10.88
460-177969-B-2 MSD		7622	5.96	130744	8.71	81893	10.88

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-178001-1

SDG No.:

Client Sample ID: K710-MW-2 | Lab Sample ID: 460-178001-1

Matrix: Water | Lab File ID: F78406.D

Analysis Method: 8260C | Date Collected: 03/25/2019 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 03/29/2019 04:18

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.: 598754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	2.2		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	100		77-124
1868-53-7	Dibromofluoromethane (Surr)	107		72-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78406.D
Lims ID: 460-178001-B-1
Client ID: K710-MW-2
Sample Type: Client
Inject. Date: 29-Mar-2019 04:18:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-178001-B-1
Misc. Info.: 460-0088627-022
Operator ID: Instrument ID: CVOAMS6

Method: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 29-Mar-2019 11:08:22 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: delpolitov Date: 29-Mar-2019 11:08:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.185	3.168	0.017	0	74032	1000.0	
* 38 2-Butanone-d5	46	4.195	4.187	0.008	0	67974	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	97	53013	53.5	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.009	5.000	0.009	0	55873	53.6	
* 61 Fluorobenzene	96	5.272	5.272	0.000	99	163323	50.0	
63 Trichloroethene	95	5.625	5.617	0.008	94	4180	2.22	
* 67 1,4-Dioxane-d8	96	5.978	5.978	0.000	0	6533	1000.0	
$ 78 Toluene-d8 (Surr)	98	6.923	6.915	0.008	99	185122	48.3	
83 Tetrachloroethene	166	7.613	7.605	0.008	90	1985	1.01	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	87	122101	50.0	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	91	59632	49.9	
* 116 1,4-Dichlorobenzene-d4	152	10.876	10.867	0.009	95	75069	50.0	

Reagents:

VOA6IS/SURR_00020 Amount Added: 5.00 Units: uL Run Reagent

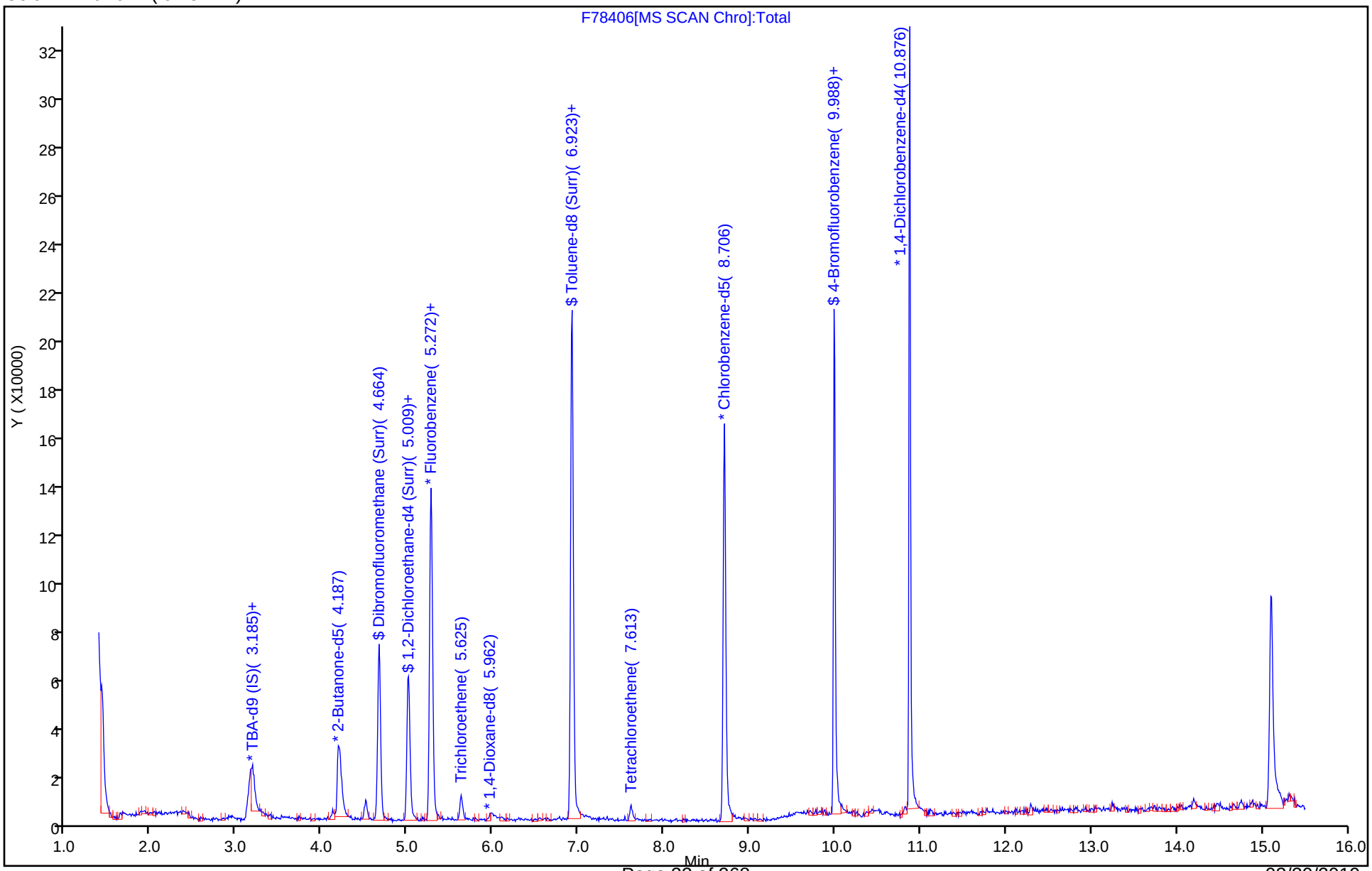
Report Date: 29-Mar-2019 11:08:41 Chrom Revision: 2.3 24-Mar-2019 20:11:04

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78406.D

Injection Date:	29-Mar-2019 04:18:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-178001-B-1	Lab Sample ID:	460-178001-1	Worklist Smp#:	22
Client ID:	K710-MW-2				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

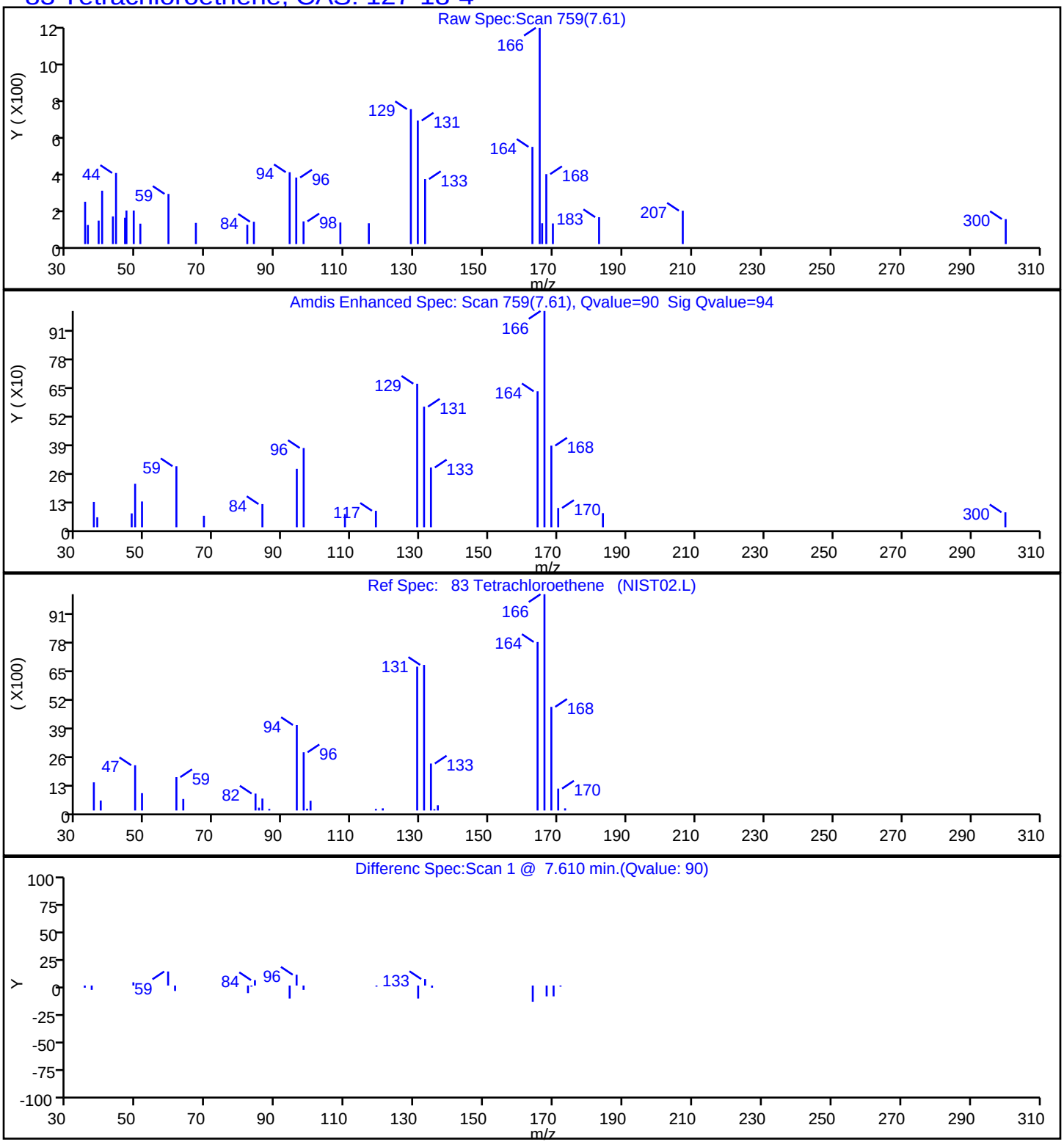
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78406.D		
Injection Date:	29-Mar-2019 04:18:30	Instrument ID:	CVOAMS6
Lims ID:	460-178001-B-1	Lab Sample ID:	460-178001-1
Client ID:	K710-MW-2		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

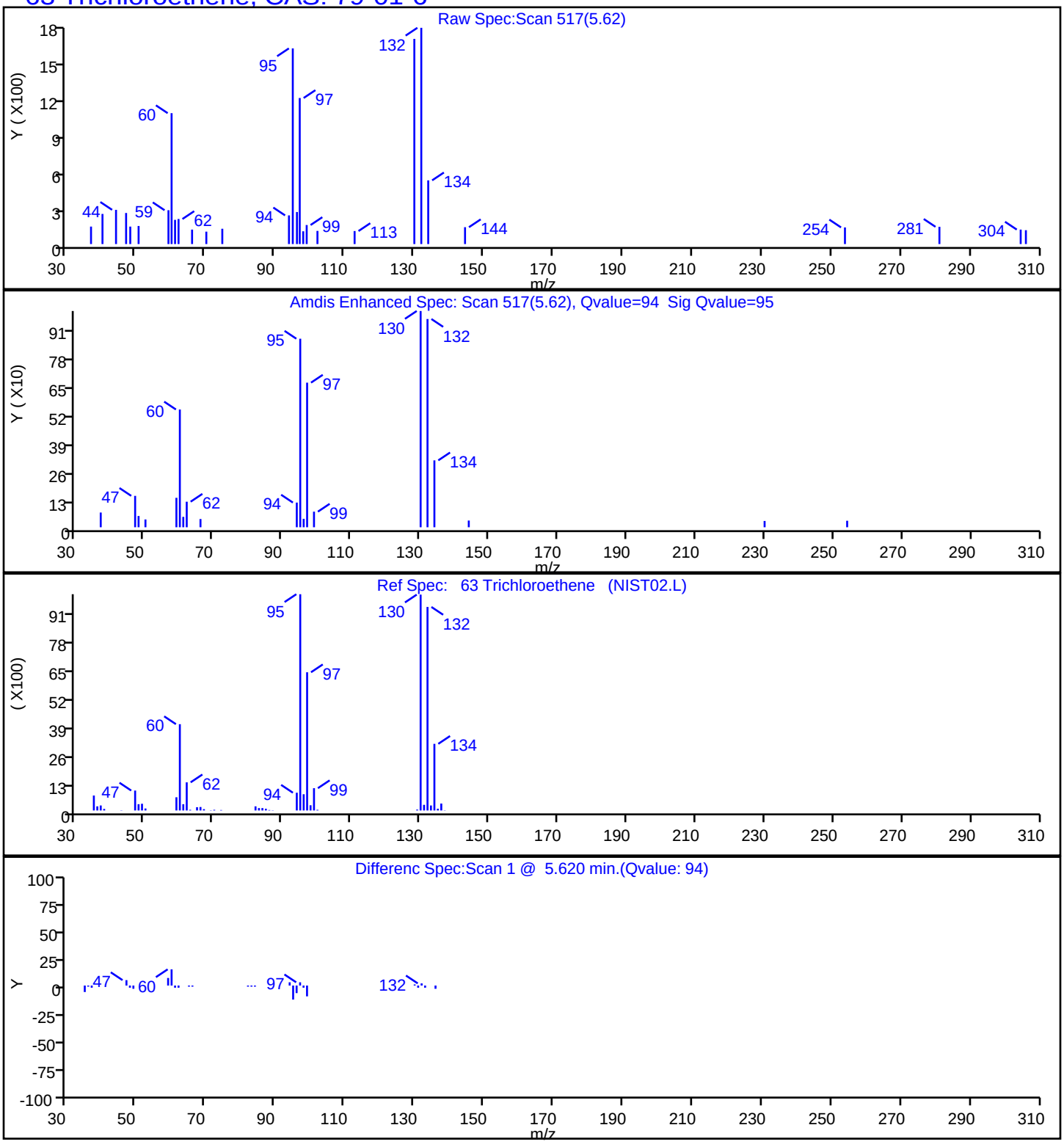
83 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78406.D		
Injection Date:	29-Mar-2019 04:18:30	Instrument ID:	CVOAMS6
Lims ID:	460-178001-B-1	Lab Sample ID:	460-178001-1
Client ID:	K710-MW-2		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

63 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-178001-1

SDG No.:

Client Sample ID: K710-MW-1 | Lab Sample ID: 460-178001-2

Matrix: Water | Lab File ID: F78407.D

Analysis Method: 8260C | Date Collected: 03/25/2019 11:50

Sample wt/vol: 5(mL) | Date Analyzed: 03/29/2019 04:42

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.: 598754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.36	J	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.3		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.9		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		74-132
460-00-4	4-Bromofluorobenzene	108		77-124
1868-53-7	Dibromofluoromethane (Surr)	106		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78407.D
Lims ID: 460-178001-B-2
Client ID: K710-MW-1
Sample Type: Client
Inject. Date: 29-Mar-2019 04:42:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-178001-B-2
Misc. Info.: 460-0088627-023
Operator ID: Instrument ID: CVOAMS6

Method: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 29-Mar-2019 11:08:22 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: delpolitov Date: 29-Mar-2019 11:08:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.176	3.168	0.008	0	62604	1000.0	
* 38 2-Butanone-d5	46	4.187	4.187	0.000	0	62764	250.0	
40 cis-1,2-Dichloroethene	96	4.228	4.236	-0.008	36	744	0.3581	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	97	48870	53.0	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.001	5.000	0.001	0	48471	49.9	
* 61 Fluorobenzene	96	5.272	5.272	0.000	98	152123	50.0	
63 Trichloroethene	95	5.625	5.617	0.008	96	3400	1.94	
* 67 1,4-Dioxane-d8	96	5.970	5.978	-0.008	0	6128	1000.0	
$ 78 Toluene-d8 (Surr)	98	6.915	6.915	0.000	99	169972	49.8	
83 Tetrachloroethene	166	7.597	7.605	-0.008	92	2236	1.27	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	87	108813	50.0	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	90	57647	54.1	
* 116 1,4-Dichlorobenzene-d4	152	10.876	10.867	0.009	96	66260	50.0	

Reagents:

VOA6IS/SURR_00020 Amount Added: 5.00 Units: uL Run Reagent

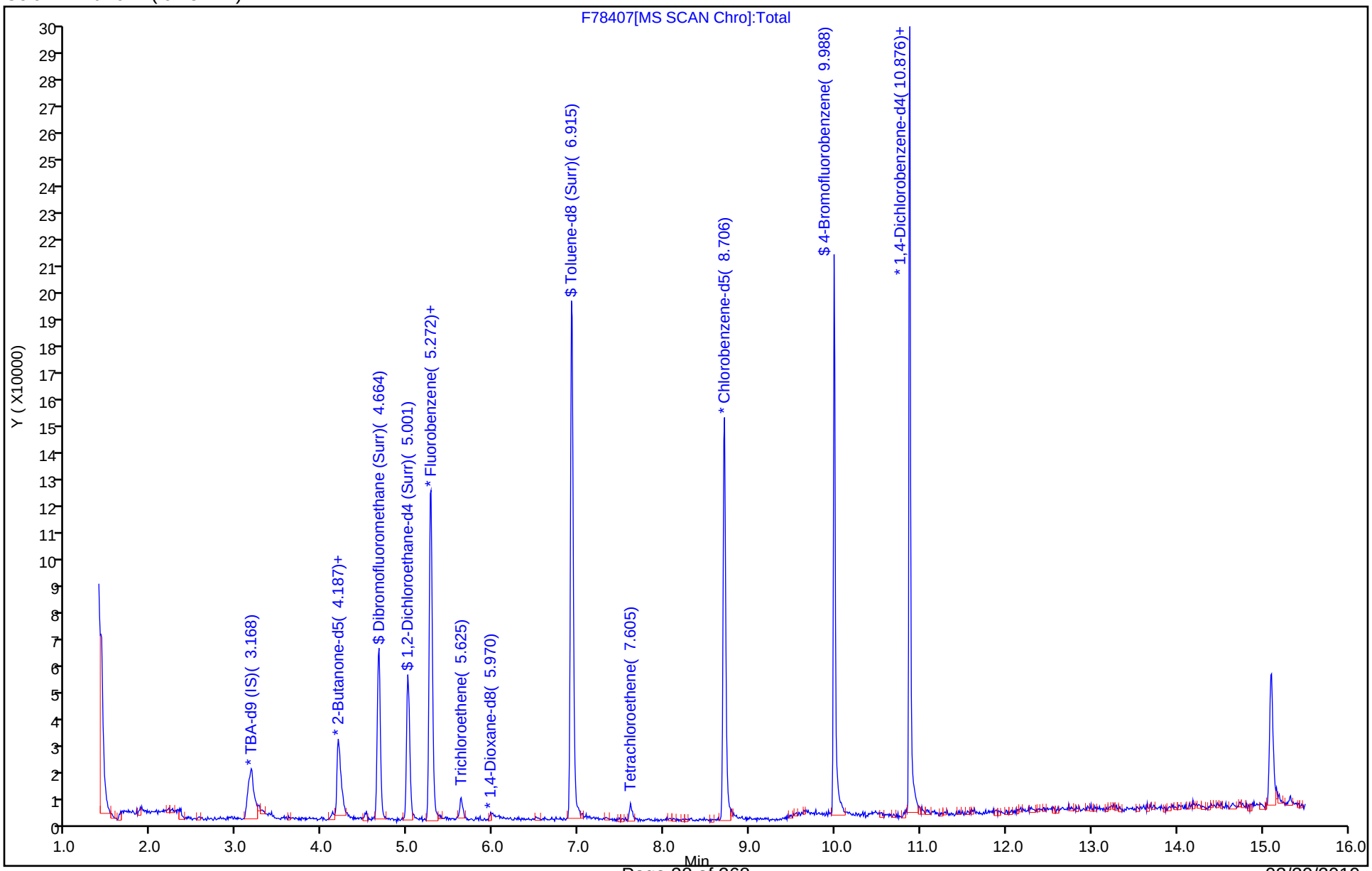
Report Date: 29-Mar-2019 11:08:54 Chrom Revision: 2.3 24-Mar-2019 20:11:04

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78407.D

Injection Date:	29-Mar-2019 04:42:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-178001-B-2	Lab Sample ID:	460-178001-2	Worklist Smp#:	23
Client ID:	K710-MW-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

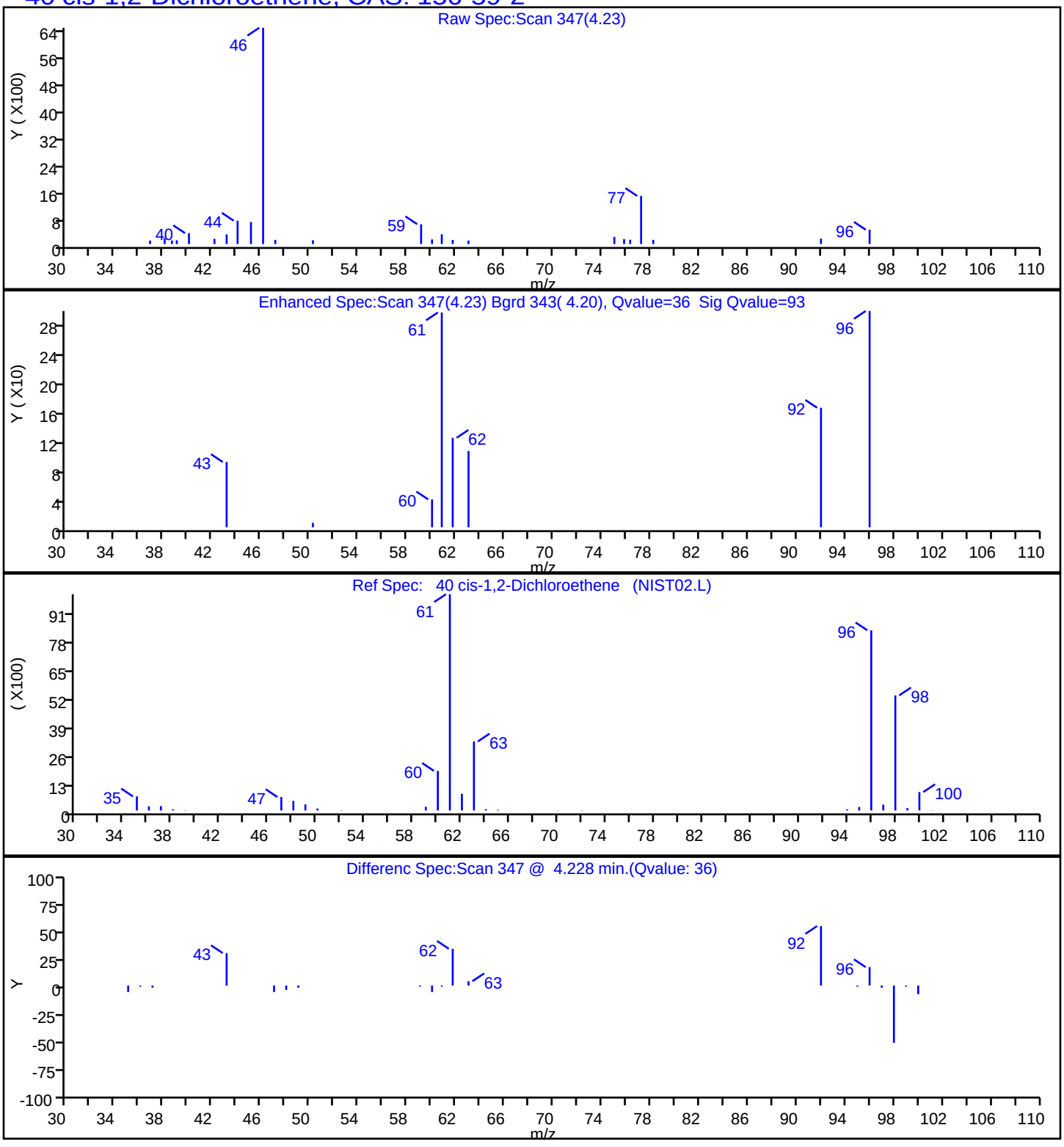
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78407.D				
Injection Date:	29-Mar-2019 04:42:30	Instrument ID:	CVOAMS6		
Lims ID:	460-178001-B-2	Lab Sample ID:	460-178001-2		
Client ID:	K710-MW-1				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

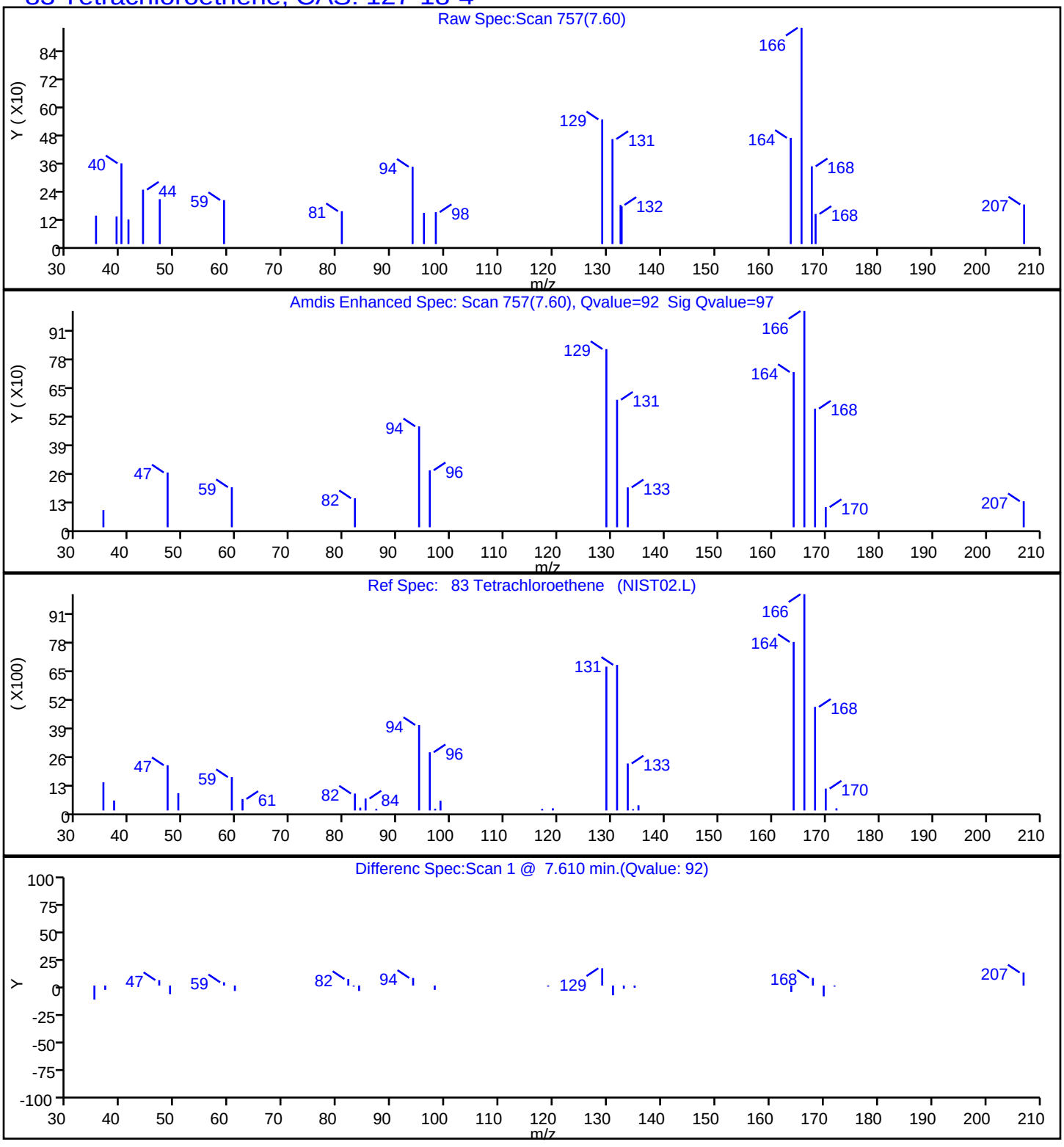
40 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78407.D		
Injection Date:	29-Mar-2019 04:42:30	Instrument ID:	CVOAMS6
Lims ID:	460-178001-B-2	Lab Sample ID:	460-178001-2
Client ID:	K710-MW-1		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

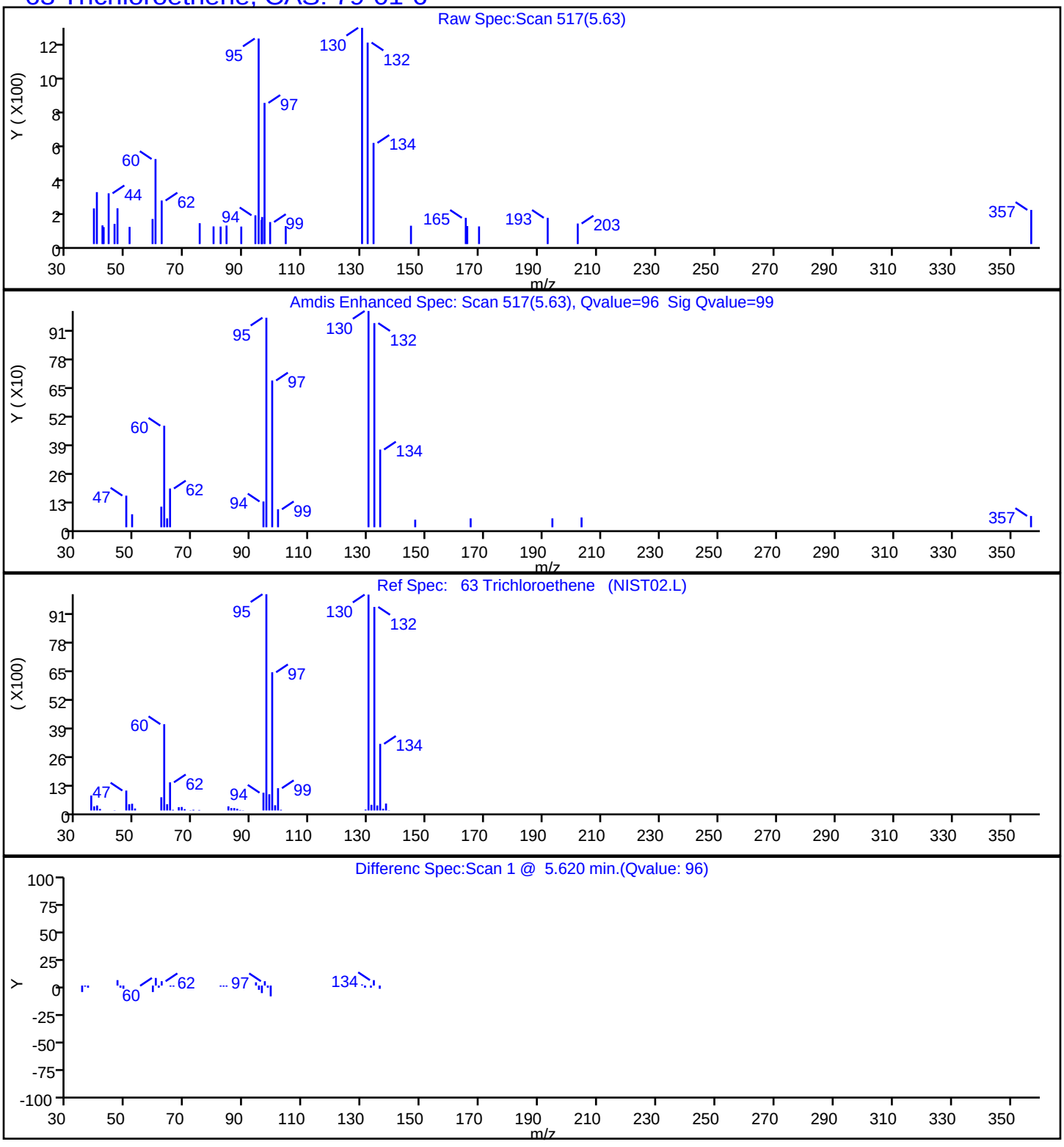
83 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78407.D		
Injection Date:	29-Mar-2019 04:42:30	Instrument ID:	CVOAMS6
Lims ID:	460-178001-B-2	Lab Sample ID:	460-178001-2
Client ID:	K710-MW-1		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

63 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-178001-1

SDG No.:

Client Sample ID: K710-DUP-03252019 | Lab Sample ID: 460-178001-3

Matrix: Water | Lab File ID: F78408.D

Analysis Method: 8260C | Date Collected: 03/25/2019 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 03/29/2019 05:07

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 598754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	2.4		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	103		77-124
1868-53-7	Dibromofluoromethane (Surr)	108		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78408.D
Lims ID: 460-178001-B-3
Client ID: K710-DUP-03252019
Sample Type: Client
Inject. Date: 29-Mar-2019 05:07:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-178001-B-3
Misc. Info.: 460-0088627-024
Operator ID: Instrument ID: CVOAMS6

Method: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 29-Mar-2019 11:08:22 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: delpolitov Date: 29-Mar-2019 11:09:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.160	3.168	-0.008	0	61344	1000.0	
* 38 2-Butanone-d5	46	4.187	4.187	0.000	0	62305	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.655	4.664	-0.009	96	49824	54.2	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.000	5.000	0.000	0	51889	53.6	
* 61 Fluorobenzene	96	5.263	5.272	-0.009	99	151644	50.0	
63 Trichloroethene	95	5.625	5.617	0.008	93	4185	2.39	
* 67 1,4-Dioxane-d8	96	5.978	5.978	0.000	0	5382	1000.0	
$ 78 Toluene-d8 (Surr)	98	6.915	6.915	0.000	99	170391	49.7	
83 Tetrachloroethene	166	7.605	7.605	0.000	87	1913	1.08	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	87	109180	50.0	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	91	55011	51.5	
* 116 1,4-Dichlorobenzene-d4	152	10.876	10.867	0.009	96	68251	50.0	

Reagents:

VOA6IS/SURR_00020 Amount Added: 5.00 Units: uL Run Reagent

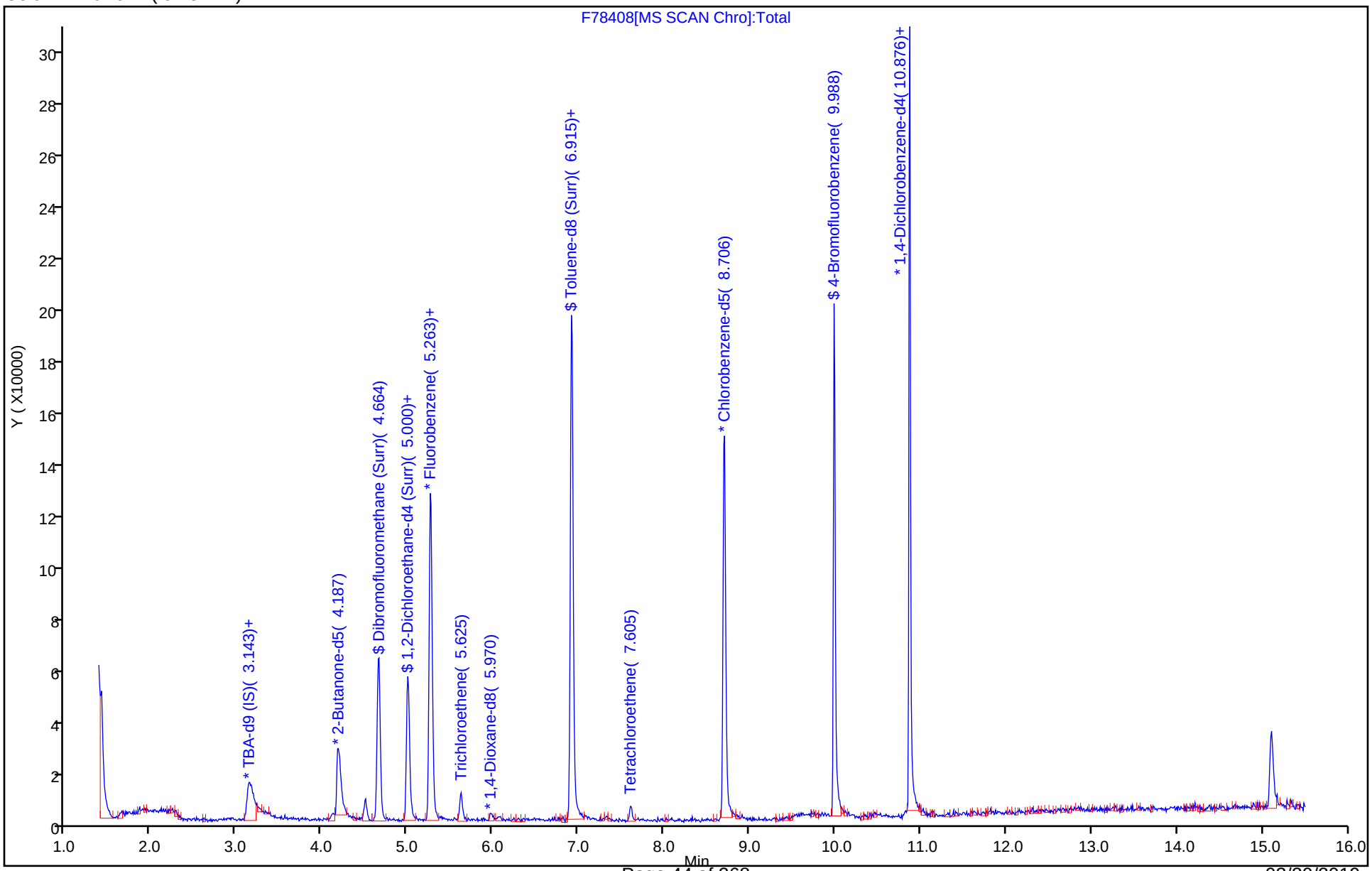
Report Date: 29-Mar-2019 11:09:21 Chrom Revision: 2.3 24-Mar-2019 20:11:04

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78408.D

Injection Date:	29-Mar-2019 05:07:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-178001-B-3	Lab Sample ID:	460-178001-3	Worklist Smp#:	24
Client ID:	K710-DUP-03252019				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

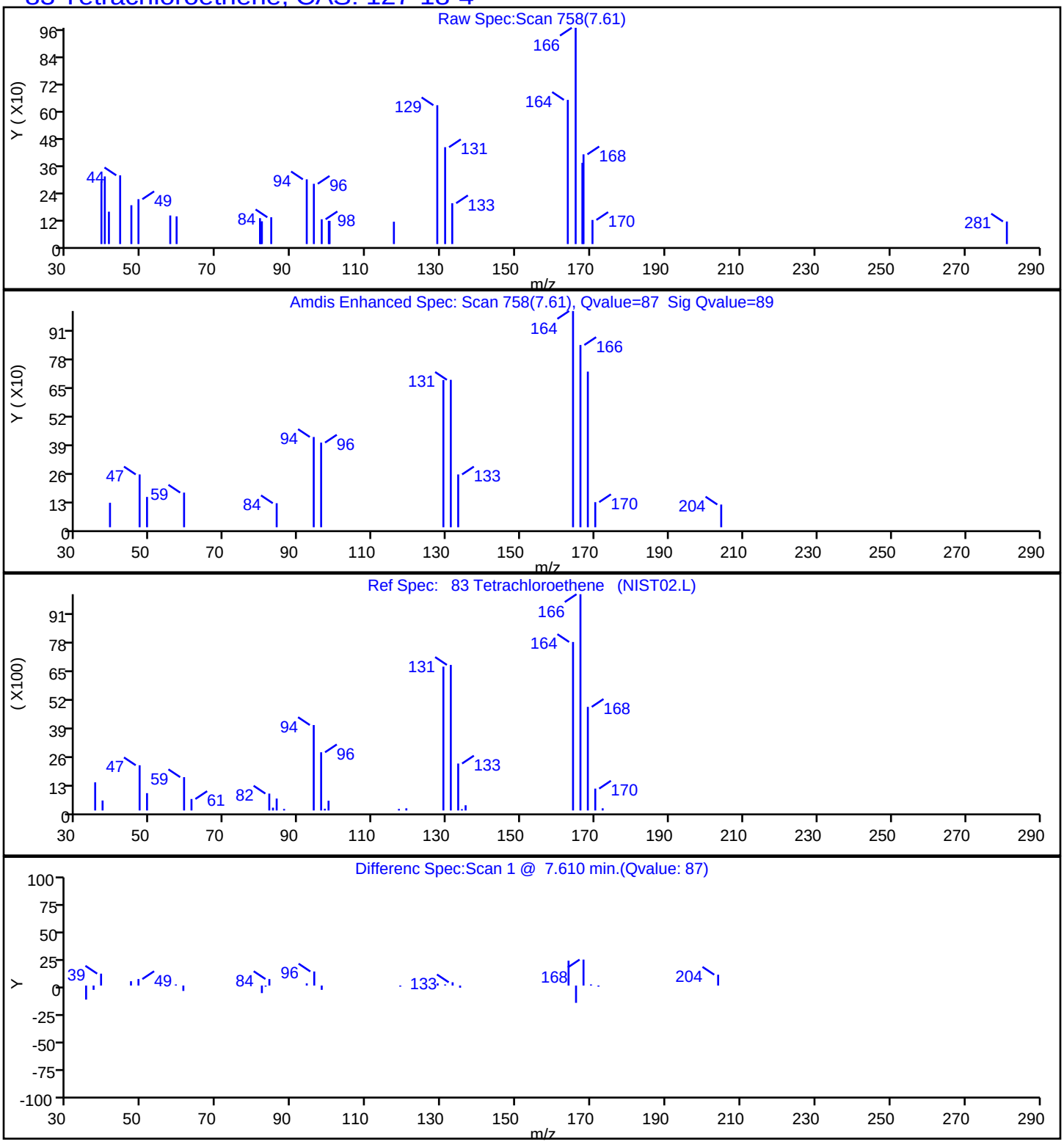
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78408.D
Injection Date: 29-Mar-2019 05:07:30 Instrument ID: CVOAMS6
Lims ID: 460-178001-B-3 Lab Sample ID: 460-178001-3
Client ID: K710-DUP-03252019
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

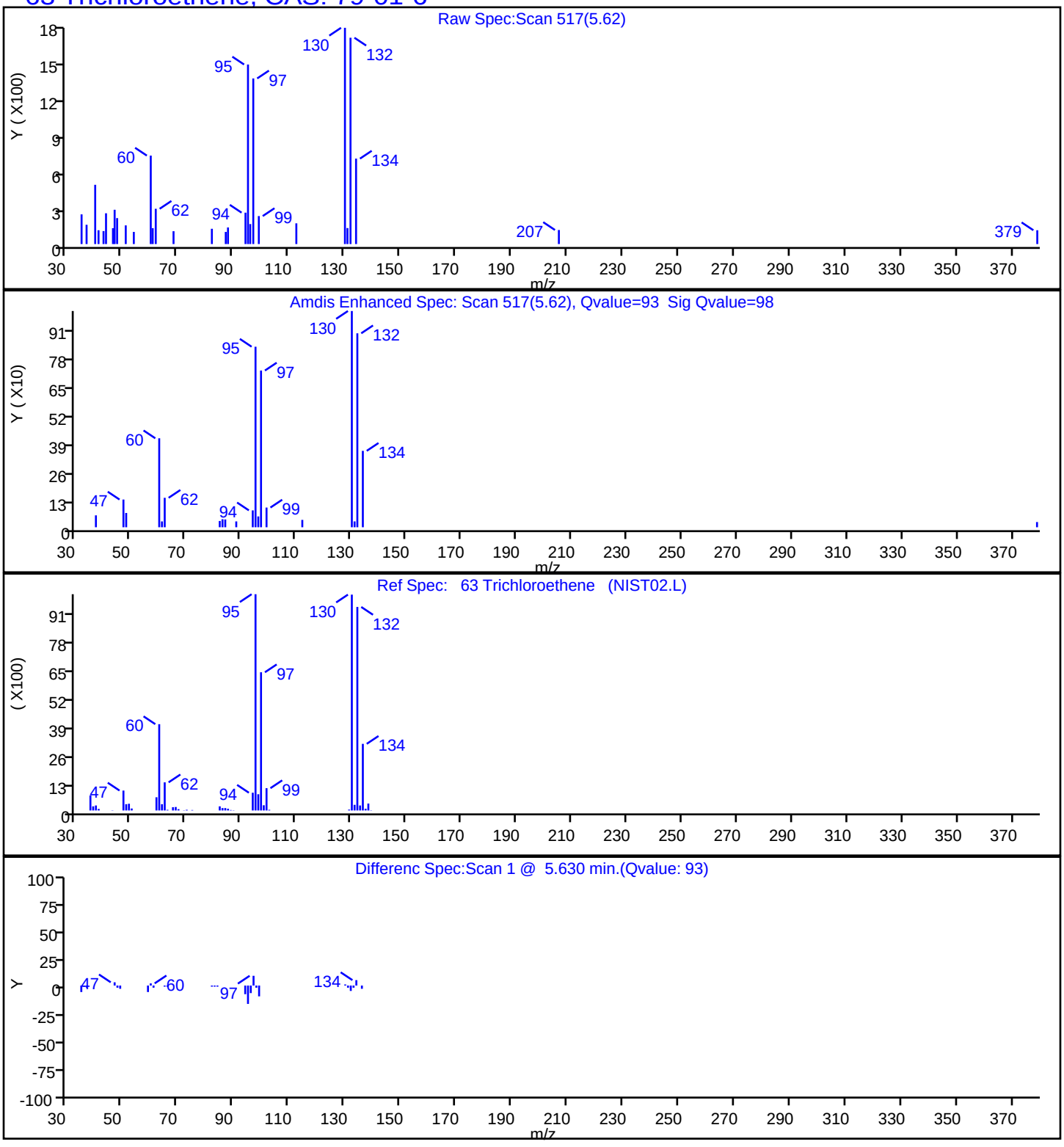
83 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78408.D		
Injection Date:	29-Mar-2019 05:07:30	Instrument ID:	CVOAMS6
Lims ID:	460-178001-B-3	Lab Sample ID:	460-178001-3
Client ID:	K710-DUP-03252019		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

63 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-178001-1

SDG No.:

Client Sample ID: K710-EB-03252019 | Lab Sample ID: 460-178001-4

Matrix: Water | Lab File ID: F78409.D

Analysis Method: 8260C | Date Collected: 03/25/2019 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/29/2019 05:31

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.: 598754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	99		77-124
1868-53-7	Dibromofluoromethane (Surr)	107		72-131
2037-26-5	Toluene-d8 (Surr)	94		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78409.D
Lims ID: 460-178001-B-4
Client ID: K710-EB-03252019
Sample Type: Client
Inject. Date: 29-Mar-2019 05:31:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-178001-B-4
Misc. Info.: 460-0088627-025
Operator ID: Instrument ID: CVOAMS6

Method: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 29-Mar-2019 11:08:22 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: delpolitov Date: 29-Mar-2019 11:10:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.160	3.168	-0.008	0	67965	1000.0	
* 38 2-Butanone-d5	46	4.187	4.187	0.000	0	65027	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	97	49370	53.3	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.001	5.000	0.001	0	51404	52.7	
* 61 Fluorobenzene	96	5.272	5.272	0.000	99	152815	50.0	
* 67 1,4-Dioxane-d8	96	5.987	5.978	0.009	0	5675	1000.0	
$ 78 Toluene-d8 (Surr)	98	6.923	6.915	0.008	99	168049	46.9	
* 89 Chlorobenzene-d5	117	8.707	8.706	0.000	87	114260	50.0	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	89	55205	49.4	
* 116 1,4-Dichlorobenzene-d4	152	10.876	10.867	0.009	96	68144	50.0	

Reagents:

VOA6IS/SURR_00020 Amount Added: 5.00 Units: uL Run Reagent

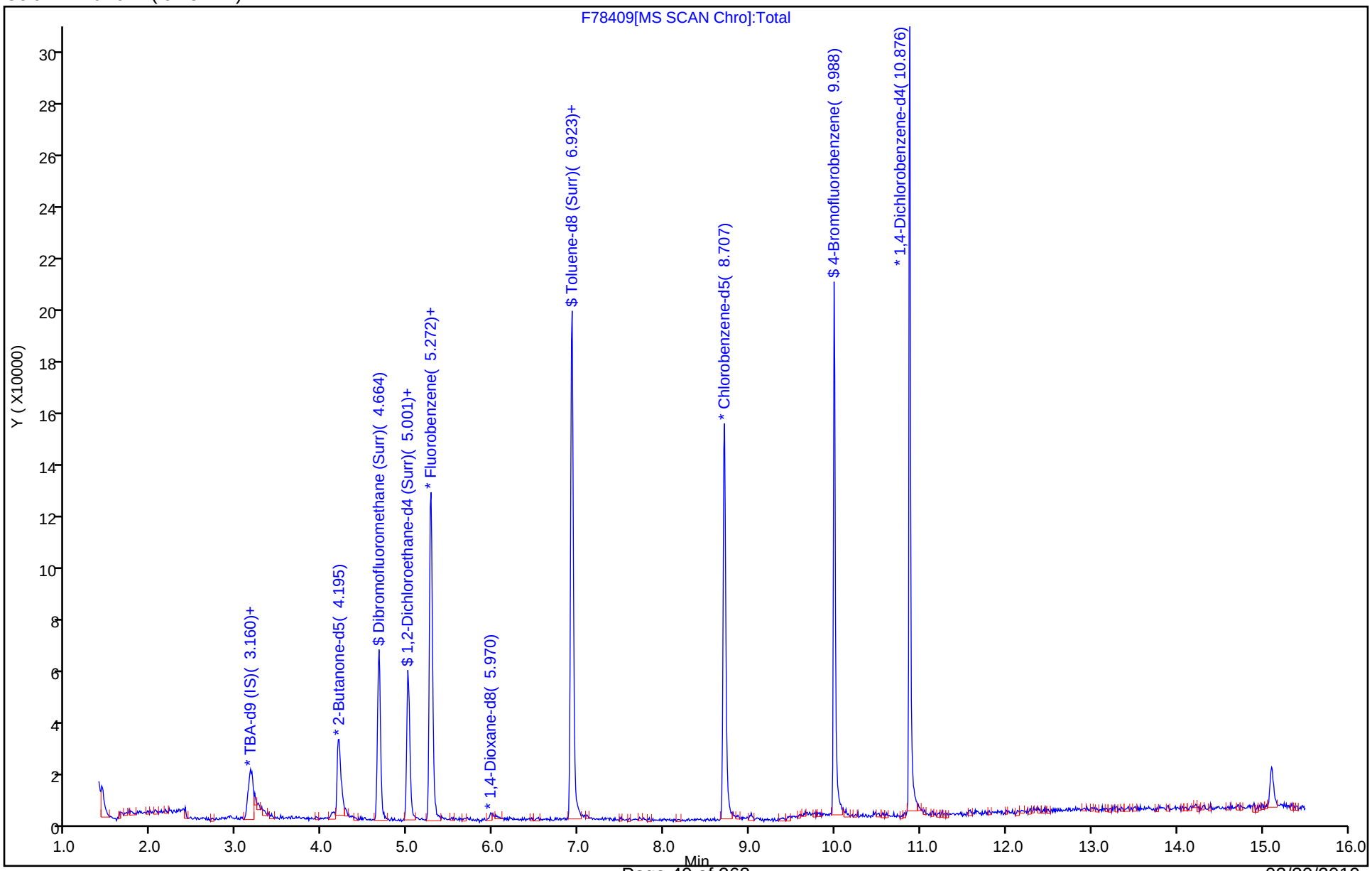
Report Date: 29-Mar-2019 11:10:04 Chrom Revision: 2.3 24-Mar-2019 20:11:04

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78409.D

Injection Date:	29-Mar-2019 05:31:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-178001-B-4	Lab Sample ID:	460-178001-4	Worklist Smp#:	25
Client ID:	K710-EB-03252019				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-178001-1

SDG No.:

Client Sample ID: K710-TB-03252019 | Lab Sample ID: 460-178001-5

Matrix: Water | Lab File ID: F78410.D

Analysis Method: 8260C | Date Collected: 03/25/2019 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/29/2019 05:56

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 598754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	101		77-124
1868-53-7	Dibromofluoromethane (Surr)	105		72-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78410.D
Lims ID: 460-178001-B-5
Client ID: K710-TB-03252019
Sample Type: Client
Inject. Date: 29-Mar-2019 05:56:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-178001-B-5
Misc. Info.: 460-0088627-026
Operator ID: Instrument ID: CVOAMS6

Method: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 29-Mar-2019 11:08:22 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: delpolitov Date: 29-Mar-2019 11:10:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.168	3.168	0.000	0	68562	1000.0	
* 38 2-Butanone-d5	46	4.195	4.187	0.008	0	71183	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	97	53039	52.3	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.009	5.000	0.009	0	57337	53.7	
* 61 Fluorobenzene	96	5.272	5.272	0.000	99	167211	50.0	
* 67 1,4-Dioxane-d8	96	5.962	5.978	-0.016	0	5803	1000.0	
$ 78 Toluene-d8 (Surr)	98	6.923	6.915	0.008	98	188269	50.4	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	87	119088	50.0	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	91	58911	50.5	
* 116 1,4-Dichlorobenzene-d4	152	10.876	10.867	0.009	95	72718	50.0	

Reagents:

VOA6IS/SURR_00020 Amount Added: 5.00 Units: uL Run Reagent

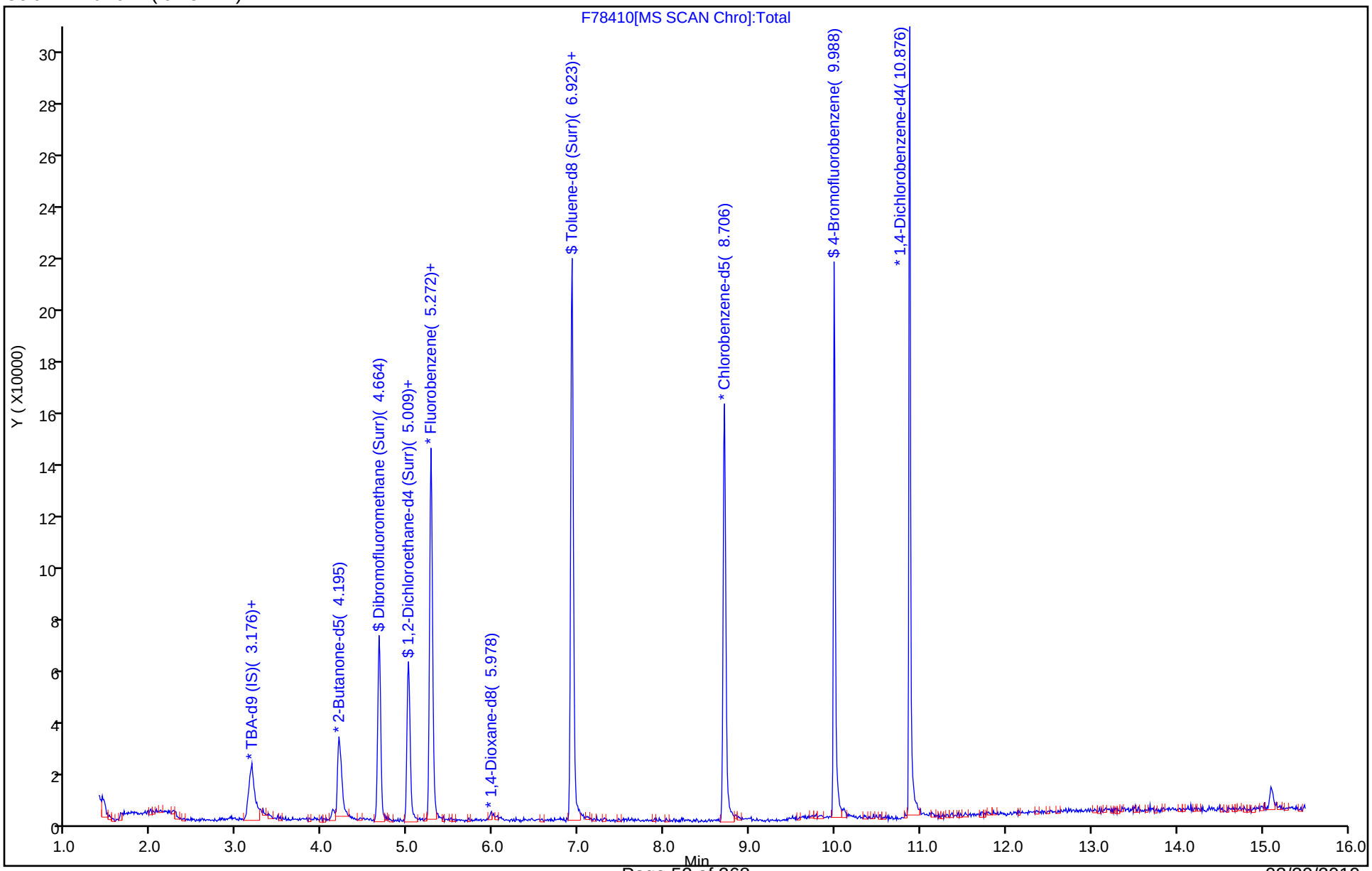
Report Date: 29-Mar-2019 11:10:11 Chrom Revision: 2.3 24-Mar-2019 20:11:04

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78410.D

Injection Date:	29-Mar-2019 05:56:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-178001-B-5	Lab Sample ID:	460-178001-5	Worklist Smp#:	26
Client ID:	K710-TB-03252019				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-595334/3	F77661.D
Level 2	STD1 460-595334/4	F77662.D
Level 3	STD5 460-595334/5	F77663.D
Level 4	STD20 460-595334/6	F77664.D
Level 5	STD50 460-595334/7	F77665.D
Level 6	STD200 460-595334/8	F77666.D
Level 7	STD500 460-595334/9	F77667.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.2971	0.3073 0.2837	0.2519	0.2333	0.2025	Ave		0.2626				15.4		20.0			
Dichlorodifluoromethane	+++++ 0.9309	0.7770 0.9085	0.9617	0.9263	0.8786	Ave		0.8972			0.1000	7.2		20.0			
Chloromethane	+++++ 0.8893	1.0301 0.8267	0.9924	0.8727	0.8589	Ave		0.9117			0.1000	8.9		20.0			
Butadiene	0.6391 0.7468	0.7155 0.7240	0.8882	0.7575	0.7265	Ave		0.7425				10.1		20.0			
Vinyl chloride	+++++ 0.9014	0.9369 0.8531	0.9626	0.8971	0.8747	Ave		0.9043			0.1000	4.4		20.0			
Bromomethane	+++++ 0.6018	0.6494 0.5666	0.6441	0.5956	0.5909	Ave		0.6081			0.1000	5.3		20.0			
Chloroethane	+++++ 0.5135	0.6221 0.4785	0.6251	0.5387	0.5231	Ave		0.5502			0.1000	10.9		20.0			
Dichlorofluoromethane	+++++ 1.2586	1.7047 1.1973	1.3907	1.2737	1.2492	Ave		1.3457				13.9		20.0			
Trichlorofluoromethane	+++++ 0.9512	0.9141 0.9398	1.0367	0.9561	0.9287	Ave		0.9544			0.1000	4.5		20.0			
Pentane	+++++ 5.6399	10.029 5.5510	8.3236	5.8570	5.5274	QuaF		5.6859	-0.000135						1.0000		0.9900
Ethyl ether	+++++ 0.4358	0.4719 0.4040	0.5278	0.4694	0.4416	Ave		0.4584				9.2		20.0			
Ethanol	+++++ 0.0386	0.0342 +++++	0.0529	0.0430	0.0549	Ave		0.0447				20.0		20.0			
2-Methyl-1,3-butadiene	+++++ 0.4879	0.4358 0.4999	0.5801	0.5321	0.4841	Ave		0.5033				9.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.5333	0.6423 0.5095	0.6283	0.5437	0.5334	Ave		0.5651				9.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	+++++ 3.6291	2.7575 3.5006	4.5916	4.0818	3.8186	Ave		3.7299				16.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.5445	0.5393 0.5441	0.6447	0.5733	0.5272	Ave		0.5622			0.1000	7.7		20.0			
1,1-Dichloroethene	+++++ 0.5220	0.5384 0.5230	0.6542	0.5429	0.5148	Ave		0.5492			0.1000	9.6		20.0			
Acetone	+++++ 2.0683	1.8640 1.5882	1.8916	1.7605	1.6035	Ave		1.7960			0.0500	10.2		20.0			
Iodomethane	+++++ 0.9728	1.0668 0.9409	1.1045	0.9932	0.9764	Ave		1.0091				6.2		20.0			
Isopropyl alcohol	+++++ 1.3625	0.9641 1.2105	1.0021	1.4973	1.4036	Ave		1.2400				17.7		20.0			
Carbon disulfide	+++++ 1.9366	2.0643 1.9154	2.1860	2.0074	1.9476	Ave		2.0095			0.1000	5.1		20.0			
Allyl chloride	+++++ 1.0786	1.1867 1.0655	1.2859	1.1521	1.1027	Ave		1.1453				7.2		20.0			
Methyl acetate	+++++ 0.3895	0.4286 0.3870	0.4355	0.3992	0.3716	Ave		0.4019			0.1000	6.2		20.0			
Cyclopentene	+++++ 1.3974	1.3978 1.4347	1.5530	1.4623	1.3847	Ave		1.4383				4.4		20.0			
Acetonitrile	+++++ 3.3324	2.1672 2.8900	2.9470	3.3637	3.3412	Ave		3.0069				15.4		20.0			
Methylene Chloride	+++++ 0.6125	0.6024 0.5949	0.6916	0.6355	0.6256	Ave		0.6271			0.1000	5.6		20.0			
2-Methyl-2-propanol	+++++ 2.3944	3.0803 2.0041	2.8959	2.4803	2.4354	Ave		2.5484				15.1		20.0			
Methyl tert-butyl ether	+++++ 1.4110	1.4668 1.2775	1.6562	1.5569	1.4893	Ave		1.4763			0.1000	8.7		20.0			
trans-1,2-Dichloroethene	+++++ 0.5795	0.6043 0.5559	0.7146	0.5989	0.5802	Ave		0.6056			0.1000	9.3		20.0			
Acrylonitrile	0.1939 0.1956	0.1770 0.1894	0.2063	0.2010	0.1960	Ave		0.1942				4.8		20.0			
Hexane	+++++ 0.4980	0.4238 0.4733	0.5635	0.5356	0.4914	Ave		0.4976				9.8		20.0			
Isopropyl ether	+++++ 1.8338	1.9042 1.6924	2.2291	1.9809	1.9311	Ave		1.9286				9.2		20.0			
1,1-Dichloroethane	+++++ 1.0290	1.1182 0.9813	1.2219	1.0844	1.0310	Ave		1.0776			0.2000	7.9		20.0			
Vinyl acetate	+++++ 0.1081	0.0334 0.1080	0.1158	0.1076	0.1062	Lin2	-0.152	0.1127							0.9930		0.9900

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

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloro-1,3-butadiene	+++++ 0.5340	0.4662 0.5230	0.6240	0.5491	0.5436	Ave		0.5400				9.4		20.0			
Tert-butyl ethyl ether	+++++ 1.5908	1.8736 1.4348	1.9186	1.7783	1.7166	Ave		1.7188				10.6		20.0			
2,2-Dichloropropane	+++++ 0.2032	0.2370 0.1942	0.2701	0.2227	0.2117	Ave		0.2232				12.3		20.0			
cis-1,2-Dichloroethene	+++++ 0.6663	0.6560 0.6422	0.7526	0.6978	0.6826	Ave		0.6829			0.1000	5.8		20.0			
Ethyl acetate	+++++ 0.5648	0.9328 0.4917	0.7976	0.5408	0.5773	QuaF		0.6090	-0.000117						1.0000		0.9900
2-Butanone (MEK)	+++++ 0.6728	0.8332 0.5665	0.7537	0.6328	0.6009	Ave		0.6767			0.0500	14.8		20.0			
Methyl acrylate	+++++ 0.5891	0.5552 0.5556	0.5857	0.5676	0.5693	Ave		0.5704				2.5		20.0			
Propionitrile	+++++ 3.4076	3.2549 3.0869	3.3557	3.1301	3.2815	Ave		3.2528				3.8		20.0			
Chlorobromomethane	+++++ 0.3214	0.3482 0.3129	0.3745	0.3196	0.3251	Ave		0.3336				7.0		20.0			
Tetrahydrofuran	+++++ 0.6823	0.7946 0.5773	0.9714	0.7400	0.7047	Ave		0.7450				17.7		20.0			
Methacrylonitrile	+++++ 0.2187	0.1836 0.2265	0.2081	0.2060	0.2090	Ave		0.2086				7.0		20.0			
Chloroform	+++++ 0.9901	1.0637 0.9335	1.1468	1.0034	0.9943	Ave		1.0220			0.2000	7.2		20.0			
Cyclohexane	+++++ 0.9367	0.9132 0.9445	1.0687	0.9814	0.9129	Ave		0.9596			0.1000	6.2		20.0			
1,1,1-Trichloroethane	+++++ 0.8740	1.1575 0.8507	1.0339	0.9302	0.8723	Ave		0.9531			0.1000	12.6		20.0			
Carbon tetrachloride	+++++ 0.7481	0.8658 0.7246	0.8606	0.7874	0.7432	Ave		0.7883			0.1000	7.8		20.0			
1,1-Dichloropropene	+++++ 0.7947	0.8150 0.7770	0.8372	0.7872	0.7694	Ave		0.7967				3.2		20.0			
Isobutyl alcohol	+++++ 1.7846	1.7170 1.5763	1.8291	1.6597	1.5507	Ave		1.6862				6.6		20.0			
Benzene	+++++ 3.3840	3.7501 3.0806	3.8494	3.4774	3.3808	Ave		3.4871			0.5000	8.0		20.0			
Isopropyl acetate	+++++ 1.6372	1.7943 1.5567	1.7778	1.6508	1.7686	Ave		1.6976				5.7		20.0			
Tert-amyl methyl ether	+++++ 1.8777	2.1056 1.6903	2.2493	2.0792	2.0095	Ave		2.0019				9.7		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloroethane	+++++ 0.7261	0.7467 0.7058	0.7835	0.7077	0.6977	Ave		0.7279			0.1000	4.5		20.0			
n-Heptane	+++++ 0.4518	0.5648 0.4300	0.5054	0.4561	0.4223	Ave		0.4717				11.5		20.0			
n-Butanol	+++++ 0.5627	0.4714 0.5443	0.4999	0.4768	0.5059	Ave		0.5102				7.2		20.0			
Trichloroethene	+++++ 0.5789	0.6325 0.5754	0.5887	0.5387	0.5477	Ave		0.5770			0.2000	5.8		20.0			
Ethyl acrylate	+++++ 1.4238	1.4224 1.4324	1.3860	1.3680	1.3187	Ave		1.3919				3.1		20.0			
Methylcyclohexane	+++++ 1.1080	1.0905 1.0992	1.2267	1.1342	1.0659	Ave		1.1207			0.1000	5.0		20.0			
1,2-Dichloropropane	+++++ 0.5800	0.5929 0.5721	0.6190	0.5679	0.5643	Ave		0.5827			0.1000	3.5		20.0			
Methyl methacrylate	+++++ 0.1399	0.1085 0.1466	0.1451	0.1306	0.1306	Ave		0.1335				10.5		20.0			
n-Propyl acetate	+++++ 0.6487	0.3431 0.6630	0.5904	0.6065	0.5934	Lin2	-0.292	0.6364							0.9980		0.9900
1,4-Dioxane	+++++ 1.6117	1.5799 1.3513	2.0608	2.0223	1.8381	Ave		1.7440				15.9		20.0			
Dibromomethane	+++++ 0.3357	0.4372 0.3323	0.3629	0.3246	0.3236	Ave		0.3527				12.4		20.0			
Dichlorobromomethane	+++++ 0.7709	0.7311 0.7649	0.8117	0.7216	0.7258	Ave		0.7543			0.2000	4.6		20.0			
2-Nitropropane	+++++ 0.1314	0.1893 0.1327	0.1309	0.1343	0.1266	Lin2	0.1186	0.1282							0.9980		0.9900
2-Chloroethyl vinyl ether	+++++ 0.3066	0.2948 0.3263	0.2740	0.2616	0.2801	Ave		0.2905				8.1		20.0			
Epichlorohydrin	0.5322 0.4690	0.5244 0.4044	0.5765	0.5107	0.5006	Ave		0.5025				10.8		20.0			
cis-1,3-Dichloropropene	+++++ 1.2679	1.0445 1.2011	1.2397	1.1536	1.1827	Ave		1.1816			0.2000	6.6		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 5.2857	5.1357 4.3497	5.6555	5.5341	5.3556	Ave		5.2194			0.0500	8.9		20.0			
Toluene	+++++ 3.4277	3.7205 3.2131	3.6066	3.3605	3.2982	Ave		3.4378			0.4000	5.6		20.0			
trans-1,3-Dichloropropene	+++++ 1.0417	0.9013 1.0099	0.9865	0.9842	0.9871	Ave		0.9851			0.1000	4.7		20.0			
Ethyl methacrylate	+++++ 0.9401	1.0821 0.8745	1.1115	0.9630	0.9336	Ave		0.9841				9.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloroethane	+++++ 0.5299	0.4530 0.4971	0.5416	0.5279	0.5248	Ave		0.5124			0.1000	6.4		20.0			
Tetrachloroethene	+++++ 0.8296	0.7704 0.7847	0.8501	0.8159	0.8002	Ave		0.8085			0.2000	3.6		20.0			
1,3-Dichloropropane	+++++ 1.0709	1.0610 1.0114	1.1161	1.0374	1.0367	Ave		1.0556				3.4		20.0			
2-Hexanone	+++++ 3.1854	2.1604 2.7124	3.1323	2.9999	2.9451	Ave		2.8559			0.0500	13.3		20.0			
n-Butyl acetate	+++++ 1.0091	1.0280 0.9571	1.0747	1.0591	1.0273	Ave		1.0259				4.0		20.0			
Chlorodibromomethane	+++++ 0.7382	0.7568 0.6958	0.7679	0.7466	0.7203	Ave		0.7376			0.1000	3.5		20.0			
Ethylene Dibromide	+++++ 0.5968	0.5833 0.5566	0.6608	0.5925	0.5869	Ave		0.5961			0.1000	5.8		20.0			
Chlorobenzene	+++++ 2.1210	2.0003 2.0286	2.2788	2.0905	2.0418	Ave		2.0935			0.5000	4.8		20.0			
Ethylbenzene	+++++ 1.2299	1.3649 1.1593	1.4058	1.2782	1.1988	Ave		1.2728			0.1000	7.6		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.8621	0.9449 0.7849	0.9578	0.8714	0.8586	Ave		0.8799				7.2		20.0			
m-Xylene & p-Xylene	+++++ 1.5180	1.5806 1.4139	1.7630	1.5427	1.4904	Ave		1.5514			0.1000	7.6		20.0			
n-Butyl acrylate	+++++ 0.6043	0.6767 0.5661	0.7220	0.6486	0.6129	Ave		0.6384				8.7		20.0			
o-Xylene	+++++ 1.6120	1.5740 1.4871	1.7801	1.6502	1.6172	Ave		1.6201			0.3000	5.9		20.0			
Styrene	+++++ 2.5158	2.3701 2.4033	2.5958	2.5261	2.4497	Ave		2.4768			0.3000	3.4		20.0			
Amyl acetate (mixed isomers)	+++++ 2.3502	1.9645 2.2847	2.6103	2.3227	2.3145	Ave		2.3078				8.9		20.0			
Bromoform	+++++ 0.4858	0.4866 0.4464	0.5090	0.5045	0.4890	Ave		0.4869			0.1000	4.5		20.0			
Isopropylbenzene	+++++ 4.2979	4.0388 3.8424	4.5229	4.2470	4.1979	Ave		4.1911			0.1000	5.5		20.0			
Bromobenzene	+++++ 1.6330	1.5865 1.5943	1.7926	1.5991	1.5192	Ave		1.6208				5.7		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.5330	1.3202 1.4471	1.7185	1.5356	1.4763	Ave		1.5051			0.3000	8.7		20.0			
N-Propylbenzene	+++++ 8.4772	7.3574 8.0535	9.1072	8.2603	7.8514	Ave		8.1845				7.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichloropropane	+++++ 0.4281	0.5940 0.4046	0.5251	0.4558	0.4296	Ave		0.4729				15.3		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.3778	0.3041 0.3644	0.3899	0.3794	0.3701	Ave		0.3643				8.4		20.0			
2-Chlorotoluene	+++++ 5.9348	5.0337 5.8465	6.2105	5.6681	5.4921	Ave		5.6976				7.1		20.0			
4-Ethyltoluene	+++++ 7.2853	6.2784 7.1589	7.7165	7.0018	6.7474	Ave		7.0314				7.0		20.0			
1,3,5-Trimethylbenzene	+++++ 6.5659	5.4337 6.2265	6.6748	6.1401	5.9329	Ave		6.1623				7.3		20.0			
4-Chlorotoluene	+++++ 4.8994	4.7474 4.7920	5.3628	4.8633	4.5952	Ave		4.8767				5.3		20.0			
Butyl Methacrylate	+++++ 2.2740	1.9766 2.1687	2.3814	2.2163	2.1624	Ave		2.1966				6.1		20.0			
tert-Butylbenzene	+++++ 5.5536	3.8698 5.2797	4.8578	4.7342	4.8053	Ave		4.8501				11.9		20.0			
1,2,4-Trimethylbenzene	+++++ 6.7013	5.5727 6.3698	6.8183	6.3214	6.1379	Ave		6.3202				7.0		20.0			
sec-Butylbenzene	+++++ 8.4194	6.8221 7.8198	7.9678	7.6553	7.4742	Ave		7.6931				6.9		20.0			
4-Isopropyltoluene	+++++ 7.4961	5.9785 7.0916	7.2814	6.8044	6.5989	Ave		6.8751				7.9		20.0			
1,3-Dichlorobenzene	+++++ 3.4055	2.9947 3.3176	3.7049	3.3354	3.1685	Ave		3.3211			0.6000	7.2		20.0			
1,4-Dichlorobenzene	+++++ 3.4332	3.2731 3.3357	3.8517	3.4242	3.2868	Ave		3.4341			0.5000	6.3		20.0			
1,2,3-Trimethylbenzene	+++++ 7.2347	5.9643 7.0361	6.9871	6.7224	6.6725	Ave		6.7695				6.6		20.0			
Benzyl chloride	+++++ 3.4673	1.9808 3.2337	3.8648	3.6839	3.4979	Lin2	-1.514	3.6102							0.9910		0.9900
Indan	+++++ 6.8155	6.2773 6.3762	7.4961	6.7230	6.5495	Ave		6.7063				6.5		20.0			
p-Diethylbenzene	+++++ 4.0487	3.1762 3.7588	4.2871	3.9598	3.7736	Ave		3.8340				9.8		20.0			
n-Butylbenzene	+++++ 3.7569	3.6422 3.4631	3.9410	3.5974	3.4156	Ave		3.6360				5.3		20.0			
1,2-Dichlorobenzene	+++++ 3.4242	2.9906 3.2522	3.7159	3.3964	3.2871	Ave		3.3444			0.4000	7.1		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 7.1522	5.7824 6.6352	7.2371	6.8326	6.6688	Ave		6.7180				7.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	+++++ 0.3108	0.4089 0.2830	0.3999	0.3408	0.3042	Ave		0.3413			0.0500	15.3		20.0			
1,3,5-Trichlorobenzene	+++++ 2.8838	2.4406 2.6511	3.0660	2.8104	2.7421	Ave		2.7657				7.7		20.0			
1,2,4-Trichlorobenzene	+++++ 2.7882	2.2854 2.4666	2.9445	2.6862	2.6203	Ave		2.6319			0.2000	8.9		20.0			
Hexachlorobutadiene	+++++ 1.1473	0.8792 1.0409	1.1450	1.0468	1.0011	Ave		1.0434				9.6		20.0			
Naphthalene	+++++ 6.4492	5.6912 5.8245	6.6990	6.3517	6.2290	Ave		6.2074				6.2		20.0			
1,2,3-Trichlorobenzene	+++++ 2.5496	2.1611 2.2778	2.7665	2.4746	2.4109	Ave		2.4401				8.7		20.0			
Dibromofluoromethane (Surr)	0.3195 0.2911	0.3032 0.2896	0.3056	0.3067	0.3065	Ave		0.3032				3.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3268 0.3608	0.3152 0.2860	0.3220	0.3083	0.3141	Ave		0.3190				7.1		20.0			
Toluene-d8 (Surr)	1.6147 1.5709	1.5954 1.4703	1.5783	1.5820	1.5713	Ave		1.5690				2.9		20.0			
4-Bromofluorobenzene	0.5262 0.4699	0.5140 0.4427	0.4943	0.4954	0.4835	Ave		0.4894				5.7		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-595334/3	F77661.D
Level 2	STD1 460-595334/4	F77662.D
Level 3	STD5 460-595334/5	F77663.D
Level 4	STD20 460-595334/6	F77664.D
Level 5	STD50 460-595334/7	F77665.D
Level 6	STD200 460-595334/8	F77666.D
Level 7	STD500 460-595334/9	F77667.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 309690	1399 791737	5923	22424	48999	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 970153	3537 2535074	22617	89050	212550	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 926859	4689 2306801	23340	83892	207782	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	672 778368	3257 2020170	20888	72823	175748	0.250 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 939414	4265 2380390	22639	86243	211614	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 627247	2956 1580927	15147	57256	142953	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 535144	2832 1335303	14702	51785	126548	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1311733	7760 3340895	32707	122441	302212	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 991363	4161 2622310	24380	91917	224659	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	QuaF	+++++ 241076	1964 694962	7853	24613	57323	+++++ 400	2.00 1000	10.0	40.0	100
Ethyl ether	FB	Ave	+++++ 454157	2148 1127229	12413	45125	106819	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd 9	Ave	+++++ 32992	134 +++++	999	3614	11381	+++++ 8000	40.0 +++++	200	800	2000
2-Methyl-1,3-butadiene	FB	Ave	+++++ 508532	1984 1394981	13643	51151	117111	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 555779	2924 1421558	14777	52271	129044	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	+++++ 77563	1080 175307	8664	17153	39602	+++++ 200	4.00 400	20.0	40.0	100

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 567439	2455 1518117	15161	55117	127541	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 544034	2451 1459264	15386	52187	124532	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 1041605	3472 2525427	18309	73933	177030	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 1013905	4856 2625435	25975	95480	236217	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 291198	944 757746	4727	31460	72782	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 2018324	9397 5344570	51410	192975	471161	+++++ 200	1.00 500	5.00	20.0	50.0
Allyl chloride	FB	Ave	+++++ 1124085	5402 2973133	30241	110755	266772	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 811947	3902 2159975	20483	76758	179778	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 1456394	6363 4003338	36524	140578	334982	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd9	Ave	+++++ 712199	2122 1809060	13902	70677	173252	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 638344	2742 1659951	16265	61096	151346	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 511745	3016 1254510	13661	52115	126282	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1470557	6677 3564600	38950	149667	360293	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 603995	2751 1551128	16805	57575	140357	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	1631 2038912	8057 5285548	48519	193187	474164	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 519000	1929 1320799	13253	51488	118883	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1911202	8668 4722235	52423	190435	467167	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1072408	5090 2738241	28736	104247	249412	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Lin2	+++++ 225358	304 602856	5448	20693	51389	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 556494	2122 1459242	14675	52786	131510	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1657908	8529 4003549	45121	170955	415276	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,2-Dichloropropane	FB	Ave	+++++ 211805	1079 541865	6352	21412	51203	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 694438	2986 1791957	17699	67078	165132	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	QuaF	+++++ 113776	695 312759	3088	9084	25494	+++++ 400	2.00 1000	10.0	40.0	100
2-Butanone (MEK)	BUT	Ave	+++++ 338804	1552 900822	7295	26577	66338	+++++ 1000	5.00 2500	25.0	100	250
Methyl acrylate	CBNZ d5	Ave	+++++ 439196	1683 1198500	9273	37200	95552	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	+++++ 728271	3187 1932333	15830	65768	170159	+++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	+++++ 334957	1585 873223	8808	30726	78657	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 137446	592 367149	3761	12431	31121	+++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	+++++ 2279015	8357 6320095	48949	198002	505497	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1031866	4842 2604723	26971	96463	240544	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 976253	4157 2635416	25134	94341	220845	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 910908	5269 2373844	24314	89426	211036	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 779625	3941 2021784	20239	75698	179804	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 828215	3710 2168043	19688	75679	186125	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	+++++ 953523	4203 2466754	21571	87182	201018	+++++ 5000	25.0 12500	125	500	1250
Benzene	CBNZ d5	Ave	+++++ 2522913	11367 6644964	60943	227913	567448	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 1706347	8168 4343590	41809	158698	427859	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 1956969	9585 4716518	52897	199881	486140	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 756706	3399 1969301	18426	68034	168781	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 470857	2571 1199909	11886	43842	102158	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	+++++ 300632	1154 851834	5896	25046	65576	+++++ 5000	25.0 12500	125	500	1250

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	+++++ 603324	2879 1605434	13845	51791	132495	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 1483892	6475 3996805	32596	131511	319026	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1154783	4964 3067170	28849	109032	257863	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 604526	2699 1596422	14557	54594	136516	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 291583	988 817964	6824	25103	63176	+++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Lin2	+++++ 676096	1562 1849979	13885	58307	143549	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	+++++ 87042	663 222040	1552	8382	21122	+++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 349920	1990 927232	8534	31202	78273	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 803430	3328 2134290	19089	69368	175577	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Lin2	+++++ 273883	1723 740511	6157	25817	61269	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 319497	1342 910382	6443	25150	67756	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	924 944664	3907 2572229	22320	85792	221075	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 945299	3166 2590808	19627	75609	198504	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2661873	9566 6916303	54741	232409	591253	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 2555454	11277 6930688	57100	220252	553593	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 776596	2732 2178344	15619	64505	165672	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	+++++ 700915	3280 1886262	17598	63114	156692	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 395032	1373 1072290	8574	34596	88077	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 618462	2335 1692596	13459	53478	134314	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 798377	3216 2181528	17670	67989	174008	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 1604138	4024 4312917	30318	125983	325139	+++++ 1000	5.00 2500	25.0	100	250

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butyl acetate	CBNZ d5	Ave	+++++ 752354	3116 2064425	17015	69417	172422	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	+++++ 550376	2294 1500819	12157	48932	120896	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 444928	1768 1200658	10461	38835	98503	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 1581311	6063 4375728	36078	137011	342706	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 916904	4137 2500729	22257	83775	201209	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 642713	2864 1693095	15164	57109	144119	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1131702	4791 3049722	27912	101110	250154	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 450501	2051 1221096	11431	42508	102871	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1201827	4771 3207768	28183	108155	271434	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 1875646	7184 5184074	41097	165564	411173	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 998395	3747 2698655	24898	91241	236203	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 362156	1475 962904	8058	33063	82071	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 3204239	12242 8288123	71607	278349	704596	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 693720	3026 1883134	17099	62819	155041	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 651232	2518 1709313	16392	60324	150656	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 3601230	14033 9512510	86868	324487	801257	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 181870	1133 477856	5009	17905	43847	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 160474	580 430360	3719	14905	37766	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 2521169	9601 6905760	59238	222660	560486	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 3094862	11975 8455910	73603	275050	688590	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 2789254	10364 7354519	63667	241201	605469	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	+++++ 2081337	9055 5660143	51153	191043	468950	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 966034	3770 2561564	22715	87061	220682	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 2359241	7381 6236217	46336	185973	490391	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 2846790	10629 7523821	65036	248322	626388	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 3576660	13012 9236556	76000	300723	762767	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 3184424	11403 8376342	69453	267296	673439	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1446687	5712 3918625	35339	131023	323356	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1458457	6243 3940027	36739	134512	335425	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 3073396	11376 8310877	66646	264076	680948	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Lin2	+++++ 1472931	3778 3819583	36864	144714	356975	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 2895301	11973 7531406	71501	264100	668393	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 1719917	6058 4439771	40892	155551	385110	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 1595968	6947 4090508	37591	141314	348573	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1454637	5704 3841347	35444	133419	335458	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 3038352	11029 7837259	69030	268404	680566	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 132046	780 334227	3814	13388	31041	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 1225053	4655 3131427	29245	110401	279841	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 1184456	4359 2913450	28086	105520	267412	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 487386	1677 1229535	10921	41123	102162	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 2739681	10855 6879768	63898	249513	635686	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 1083101	4122 2690477	26388	97208	246037	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-178001-1 Analy Batch No.: 595334

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2019 10:51 Calibration End Date: 03/14/2019 13:15 Calibration ID: 73867

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromofluoromethane (Surr)	FB	Ave	67189 75843	69007 80797	71880	73712	74147	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	68735 94008	71738 79795	75723	74087	75996	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	225693 292789	241784 317153	249869	259221	263733	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	73553 87579	77902 95502	78257	81178	81161	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

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 14-Mar-2019 10:51:30 ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0087864-003
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub55

Method: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-Mar-2019 15:37:44 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0315

First Level Reviewer: martineze Date: 14-Mar-2019 12:41:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Butadiene	54	1.812	1.804	0.008	32	672	0.2500	0.2152	
* 26 TBA-d9 (IS)	65	3.160	3.168	-0.008	0	95020	1000.0	1000.0	
31 Acrylonitrile	53	3.423	3.406	0.017	58	1631	2.00	2.00	
* 38 2-Butanone-d5	46	4.187	4.195	-0.008	0	86808	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.655	4.664	-0.009	97	67189	50.0	52.7	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.000	5.009	-0.009	0	68735	50.0	51.2	
* 61 Fluorobenzene	96	5.263	5.272	-0.009	99	210303	50.0	50.0	
* 67 1,4-Dioxane-d8	96	5.962	5.978	-0.016	0	9772	1000.0	1000.0	
75 Epichlorohydrin	57	6.636	6.627	0.009	12	924	5.00	5.30	a
$ 78 Toluene-d8 (Surr)	98	6.915	6.923	-0.008	99	225693	50.0	51.5	
* 89 Chlorobenzene-d5	117	8.698	8.706	-0.008	87	139778	50.0	50.0	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	89	73553	50.0	53.8	
* 116 1,4-Dichlorobenzene-d4	152	10.876	10.876	0.000	95	88582	50.0	50.0	

QC Flag Legend

Review Flags
a - User Assigned ID

Reagents:

GAS Hi_00297	Amount Added:	0.00	Units: uL	
GASES Li_00305	Amount Added:	2.50	Units: uL	
ACRY/EPIH MIX_00059	Amount Added:	20.00	Units: uL	
Ethanol mix_00026	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00081	Amount Added:	0.00	Units: uL	
MIX I Hi_00104	Amount Added:	0.00	Units: uL	
ACROLEIN W_00088	Amount Added:	0.00	Units: uL	
14DIOXINTER_00098	Amount Added:	0.00	Units: uL	
524freon_00003	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00095	Amount Added:	0.00	Units: uL	
VOA6IS/SURR_00020	Amount Added:	5.00	Units: uL	Run Reagent

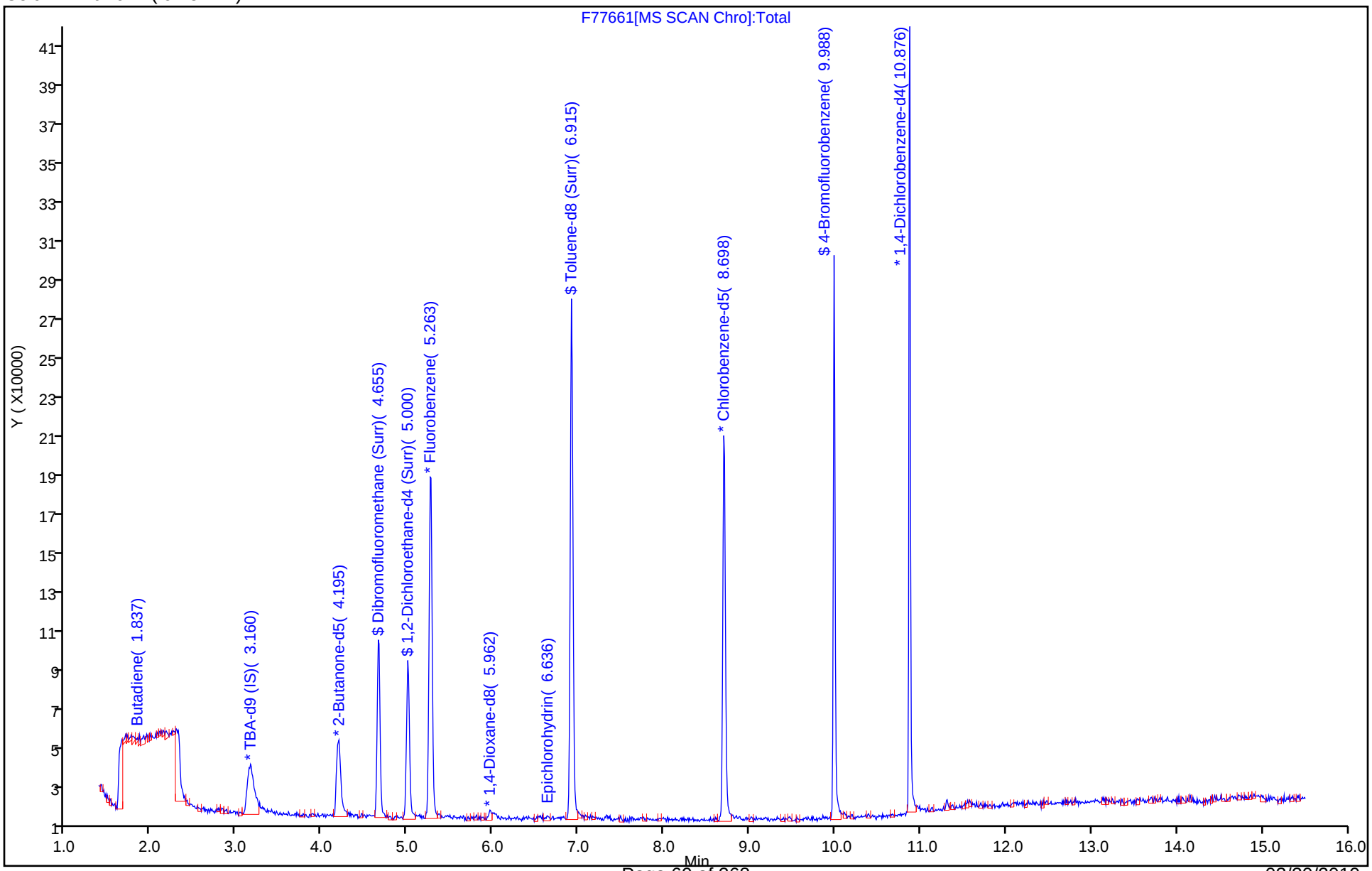
Report Date: 15-Mar-2019 15:37:49 Chrom Revision: 2.3 11-Feb-2019 16:31:10

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D

Injection Date:	14-Mar-2019 10:51:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

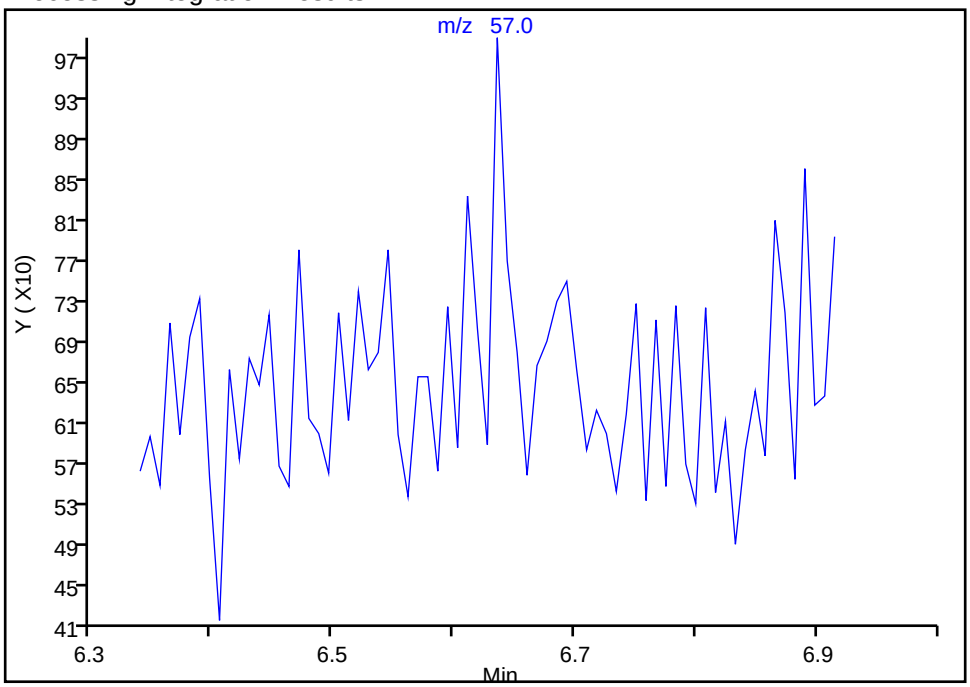
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 Epichlorohydrin, CAS: 106-89-8

Signal: 1

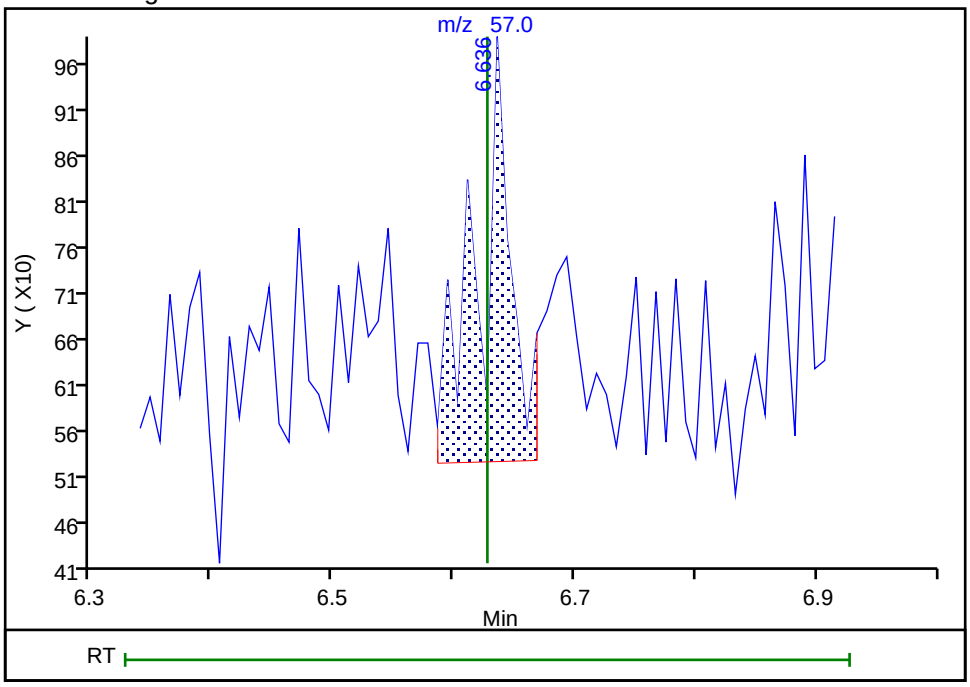
Not Detected
Expected RT: 6.63

Processing Integration Results



Manual Integration Results

RT: 6.64
Area: 924
Amount: 5.295155
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 12:41:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

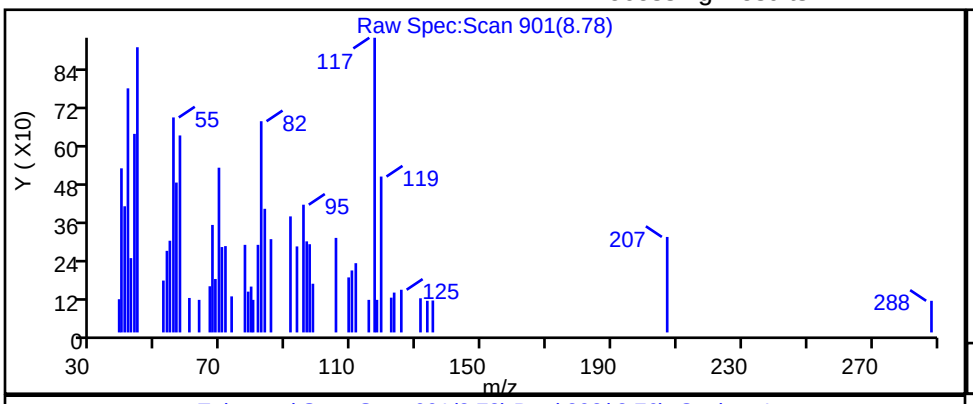
User Disabled Compound Report

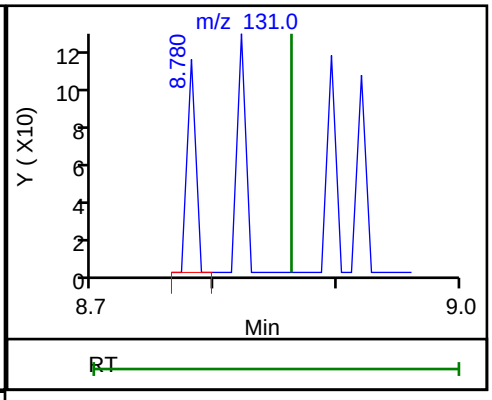
TestAmerica Edison

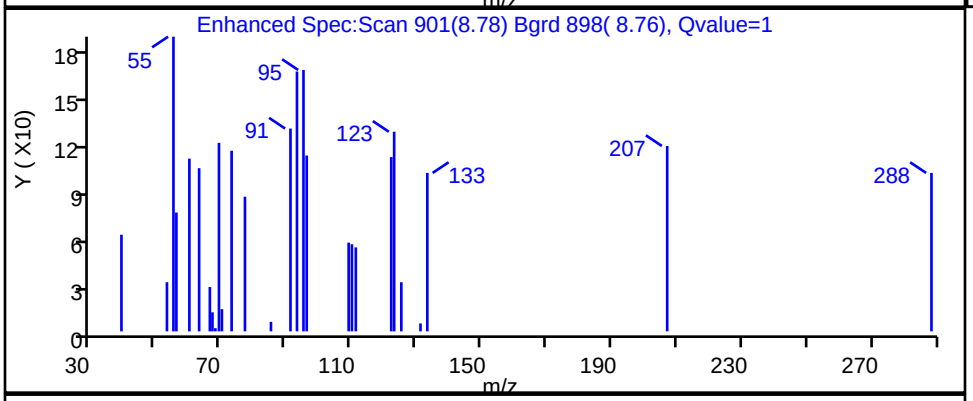
Data File:	\\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D				
Injection Date:	14-Mar-2019 10:51:30	Instrument ID:	CVOAMS6		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

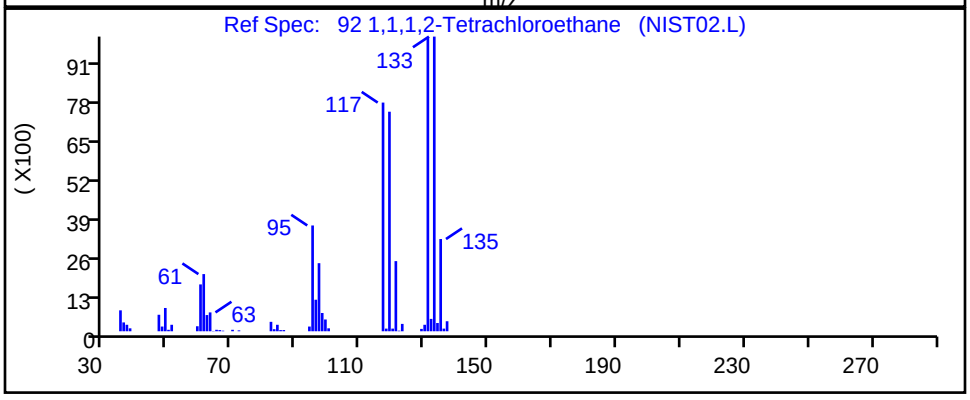
92 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results









RT	Mass	Response	Amount
8.78	131.00	53	0.019855

Reviewer: martineze, 14-Mar-2019 12:40:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

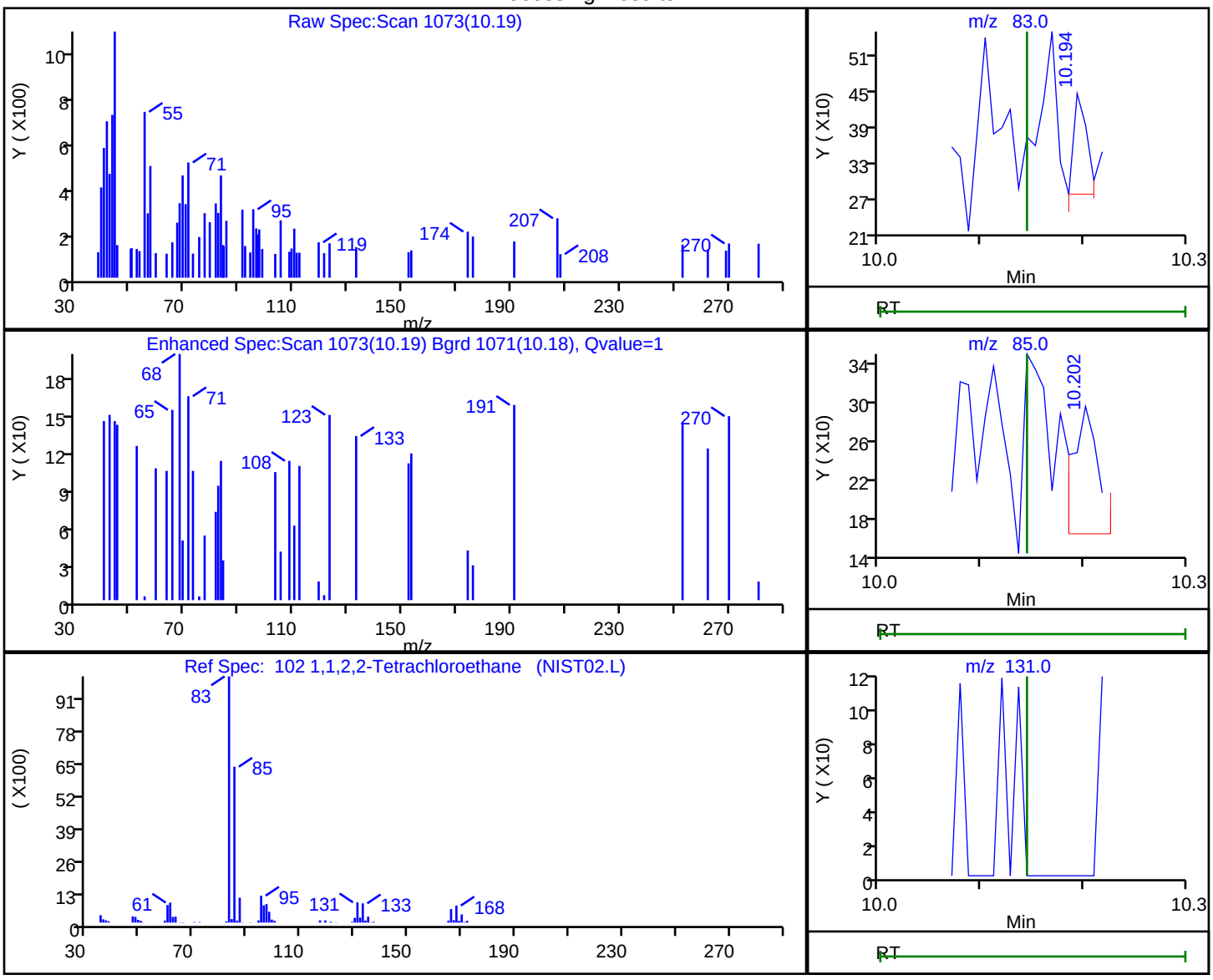
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
10.19	83.00	148	0.063642
10.20	85.00	203	
10.16	131.00	0	

Reviewer: martineze, 14-Mar-2019 12:40:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

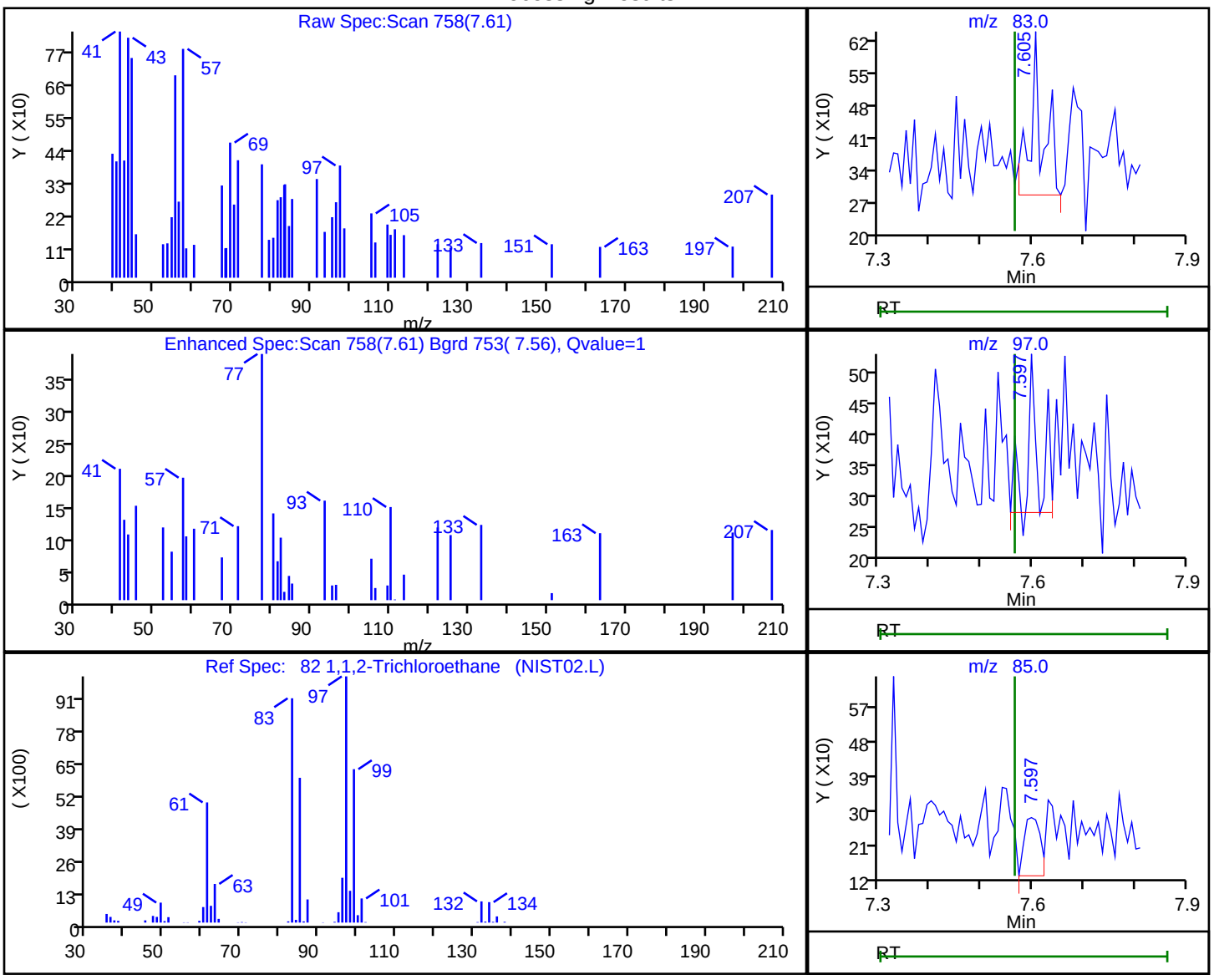
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.61	83.00	599	0.355259
7.60	97.00	375	
7.60	85.00	336	

Reviewer: martineze, 14-Mar-2019 12:40:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

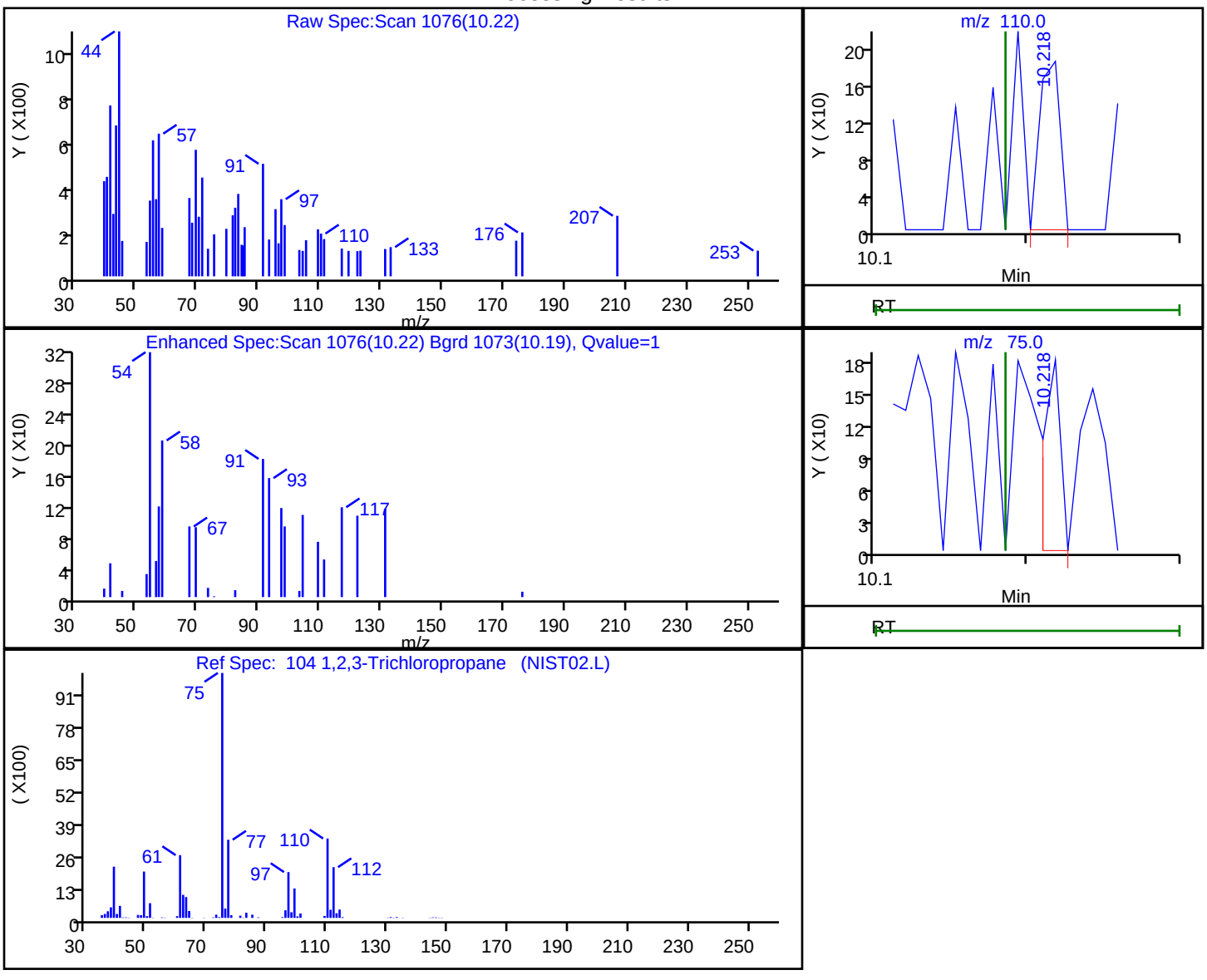
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

104 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
10.22	110.00	168	0.160554
10.22	75.00	138	

Reviewer: martineze, 14-Mar-2019 12:40:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

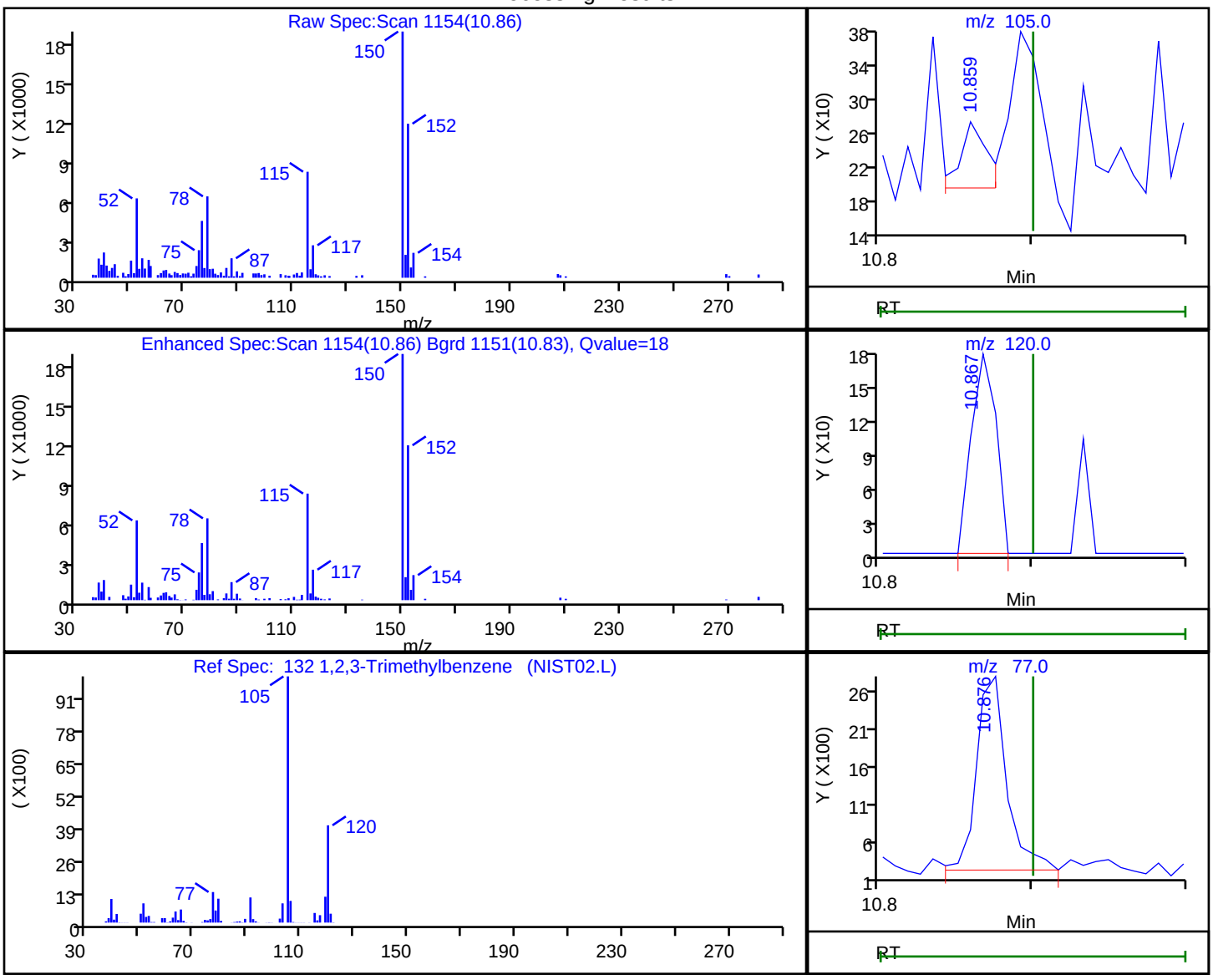
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

132 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.86	105.00	95	0.009042
10.87	120.00	202	
10.88	77.00	3590	

Reviewer: martineze, 14-Mar-2019 12:41:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

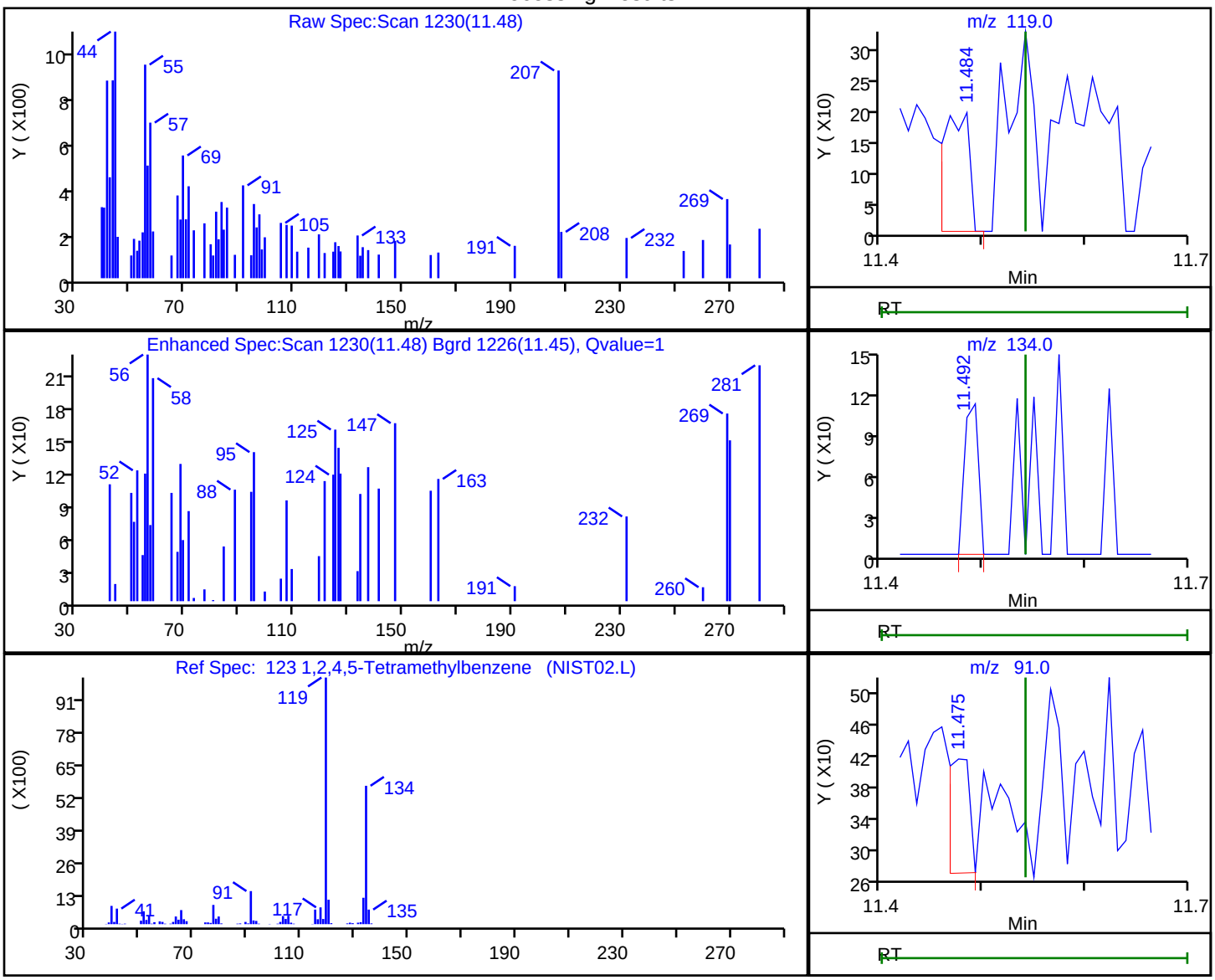
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.48	119.00	342	0.033698
11.49	134.00	104	
11.48	91.00	211	

Reviewer: martineze, 14-Mar-2019 12:41:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

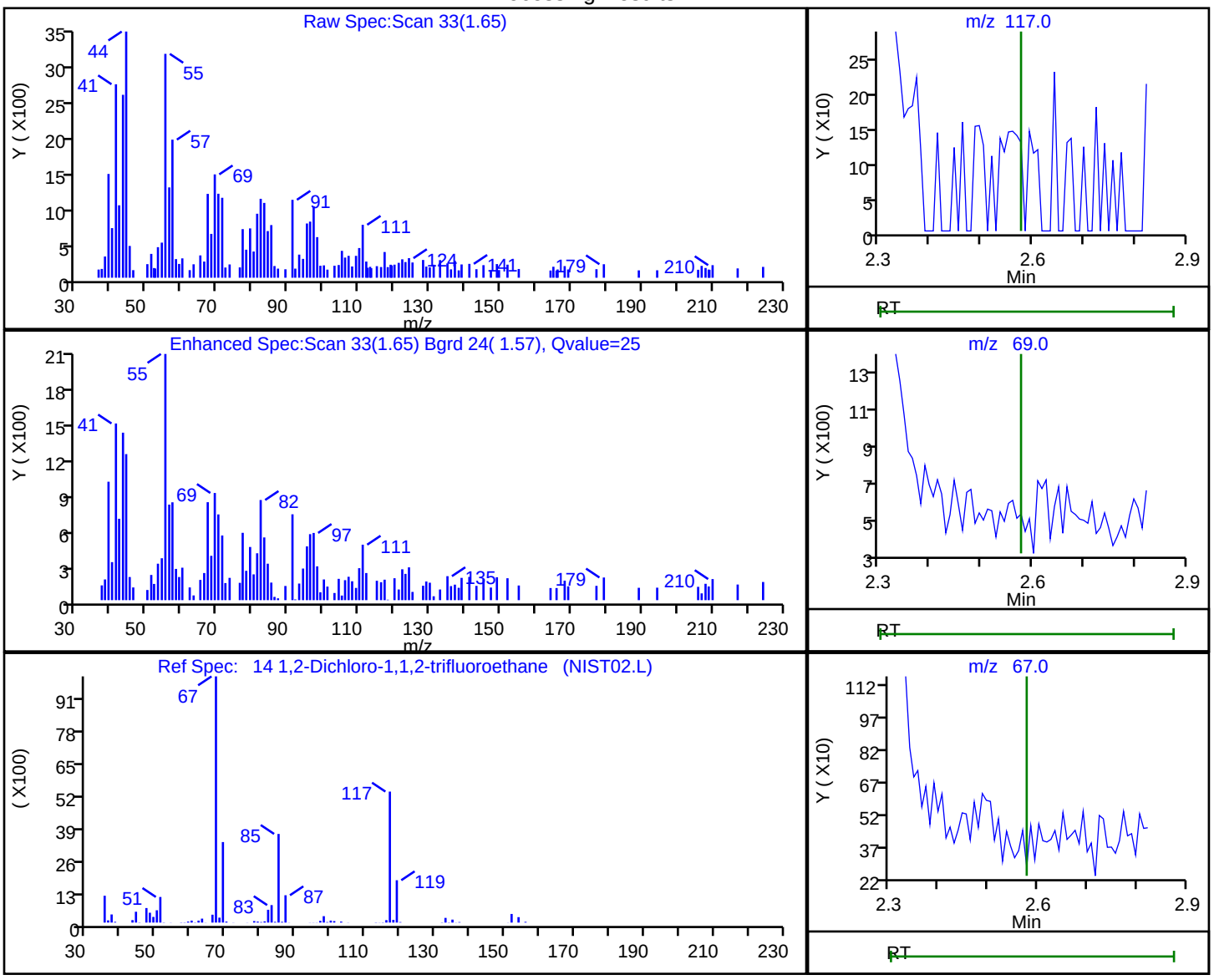
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
1.65	117.00	1108	1.128083
1.63	69.00	2884	
1.63	67.00	1620	
1.63	119.00	801	

Reviewer: martineze, 14-Mar-2019 12:39:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

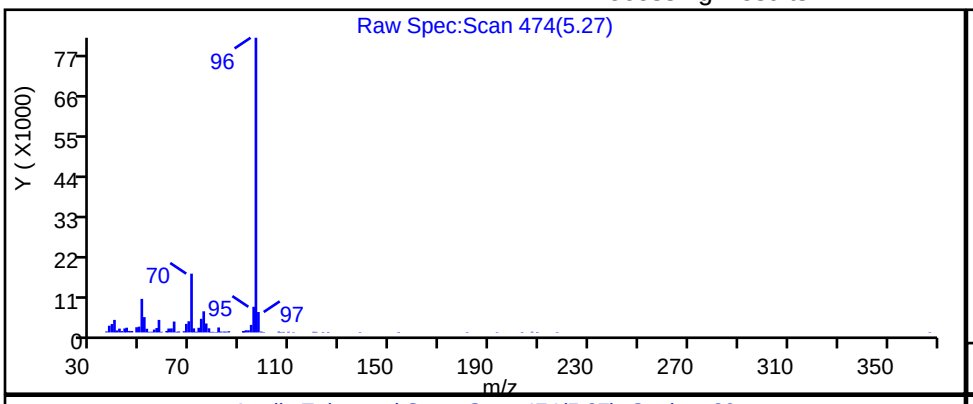
User Disabled Compound Report

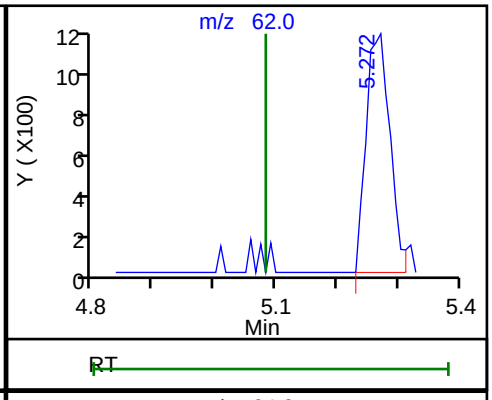
TestAmerica Edison

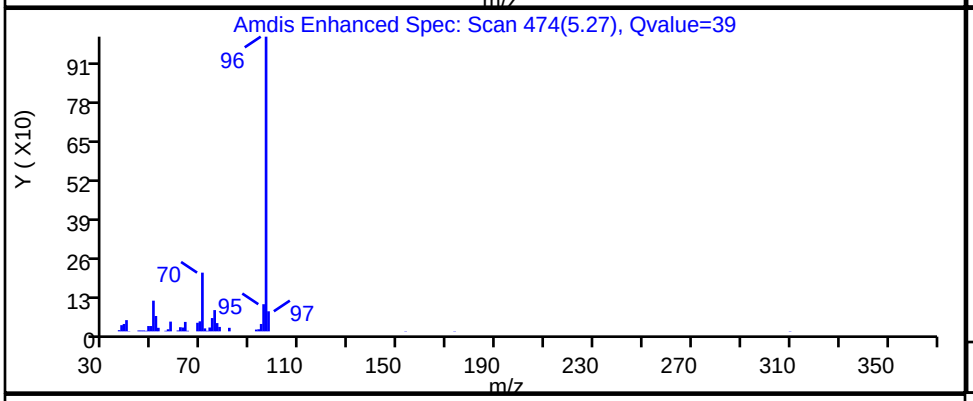
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

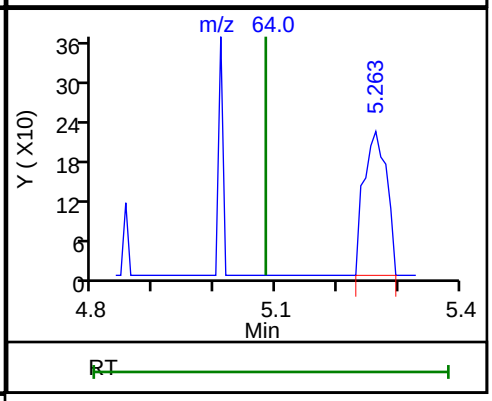
59 1,2-Dichloroethane, CAS: 107-06-2

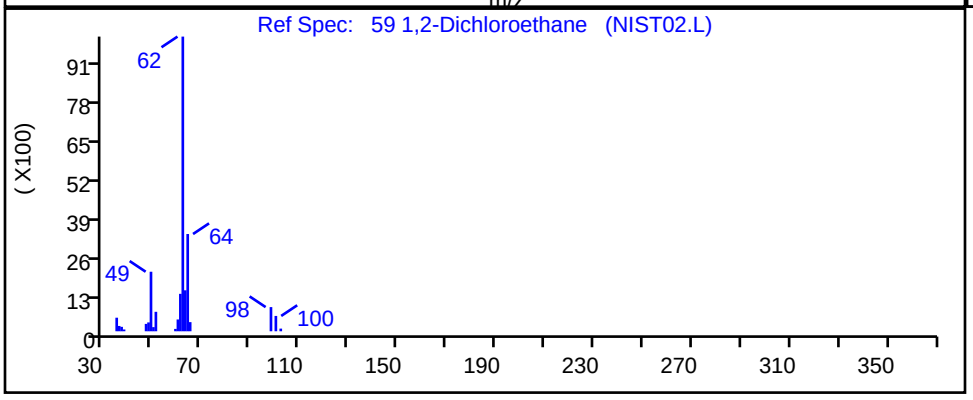
Processing Results











RT	Mass	Response	Amount
5.27	62.00	3028	0.964138
5.26	64.00	570	

Reviewer: martineze, 14-Mar-2019 12:40:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

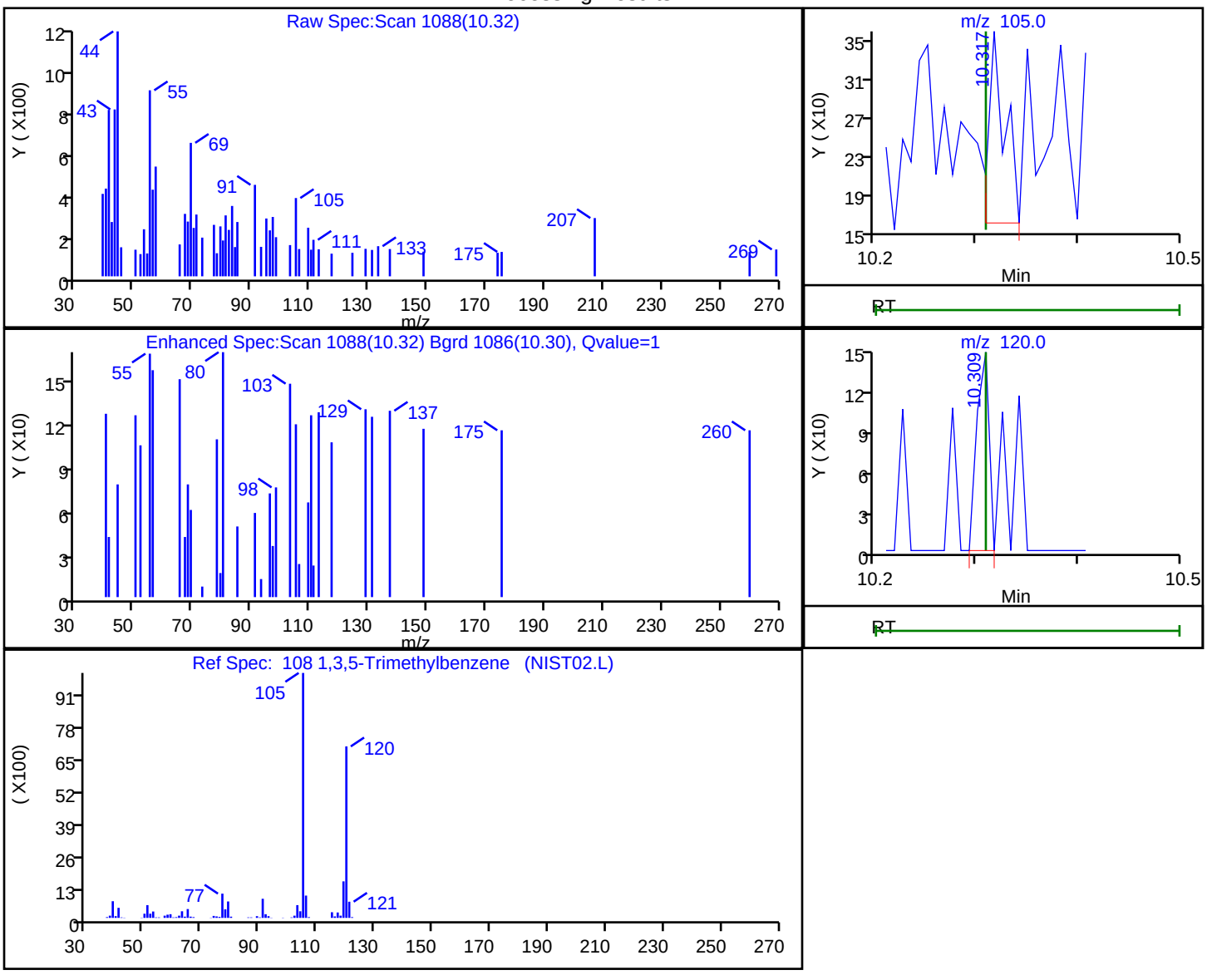
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

108 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.32	105.00	216	0.021566
10.31	120.00	123	

Reviewer: martineze, 14-Mar-2019 12:40:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

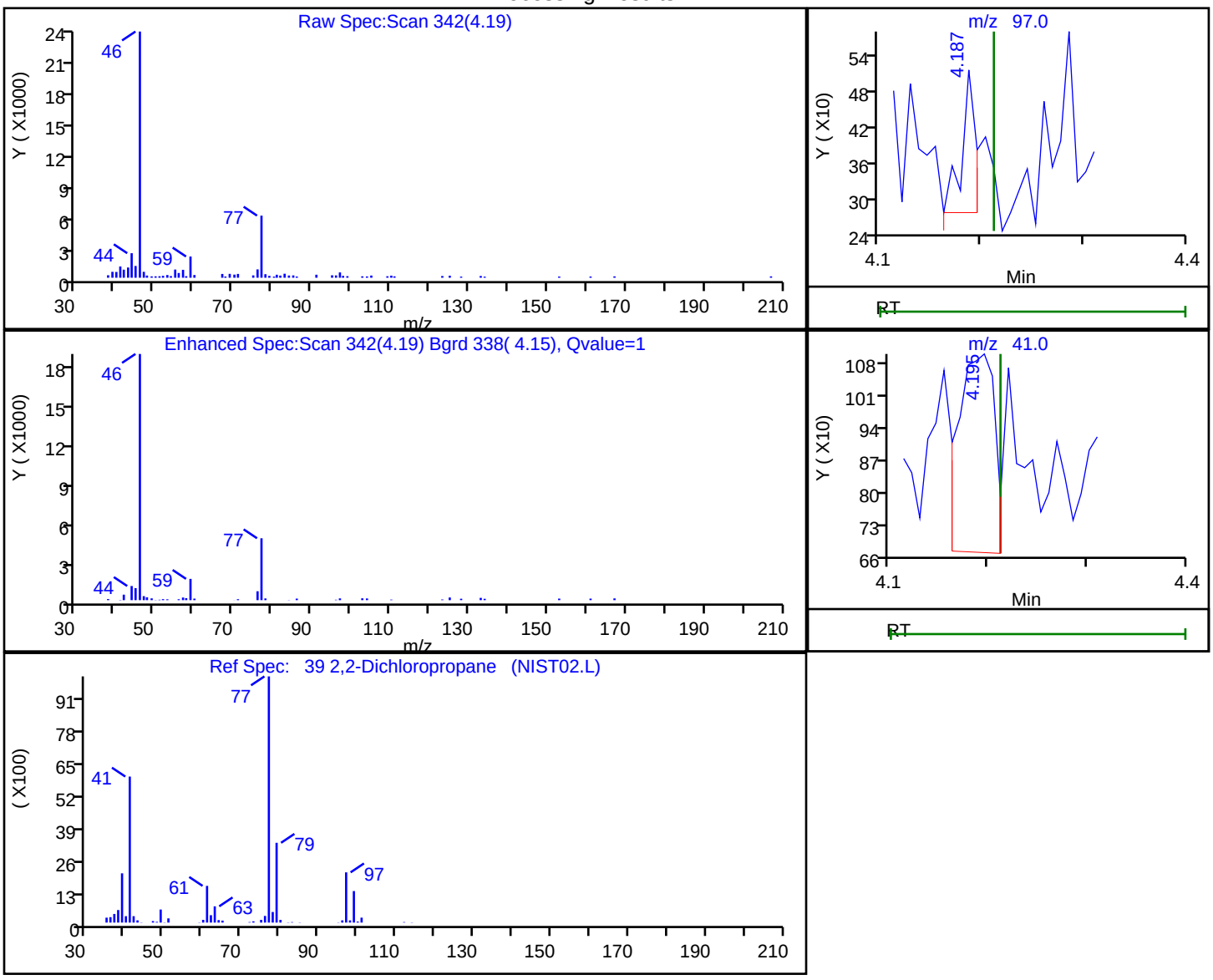
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
4.19	97.00	228	0.406519
4.20	41.00	1128	

Reviewer: martineze, 14-Mar-2019 12:40:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

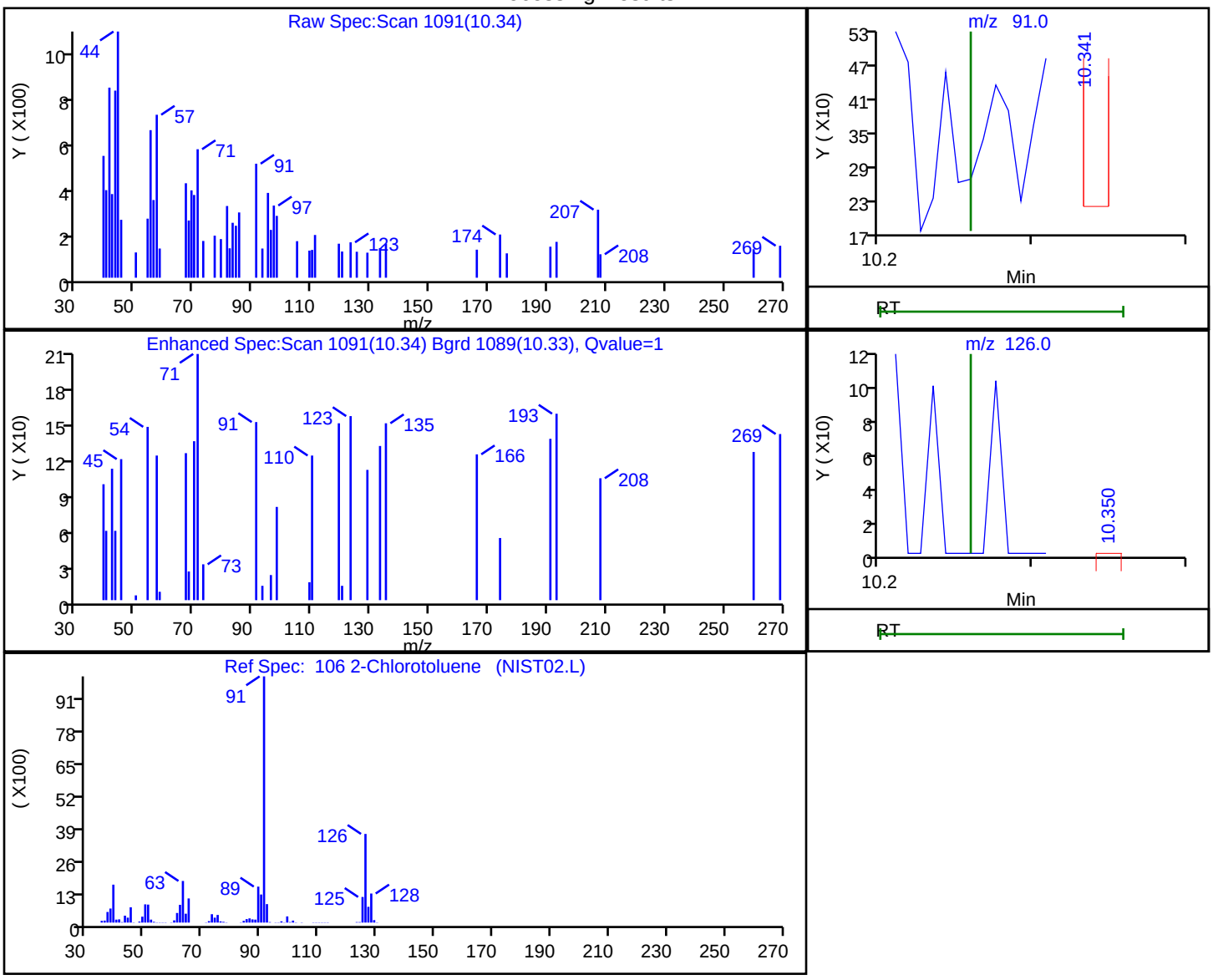
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
10.34	91.00	175	0.019551
10.35	126.00	51	

Reviewer: martineze, 14-Mar-2019 12:40:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

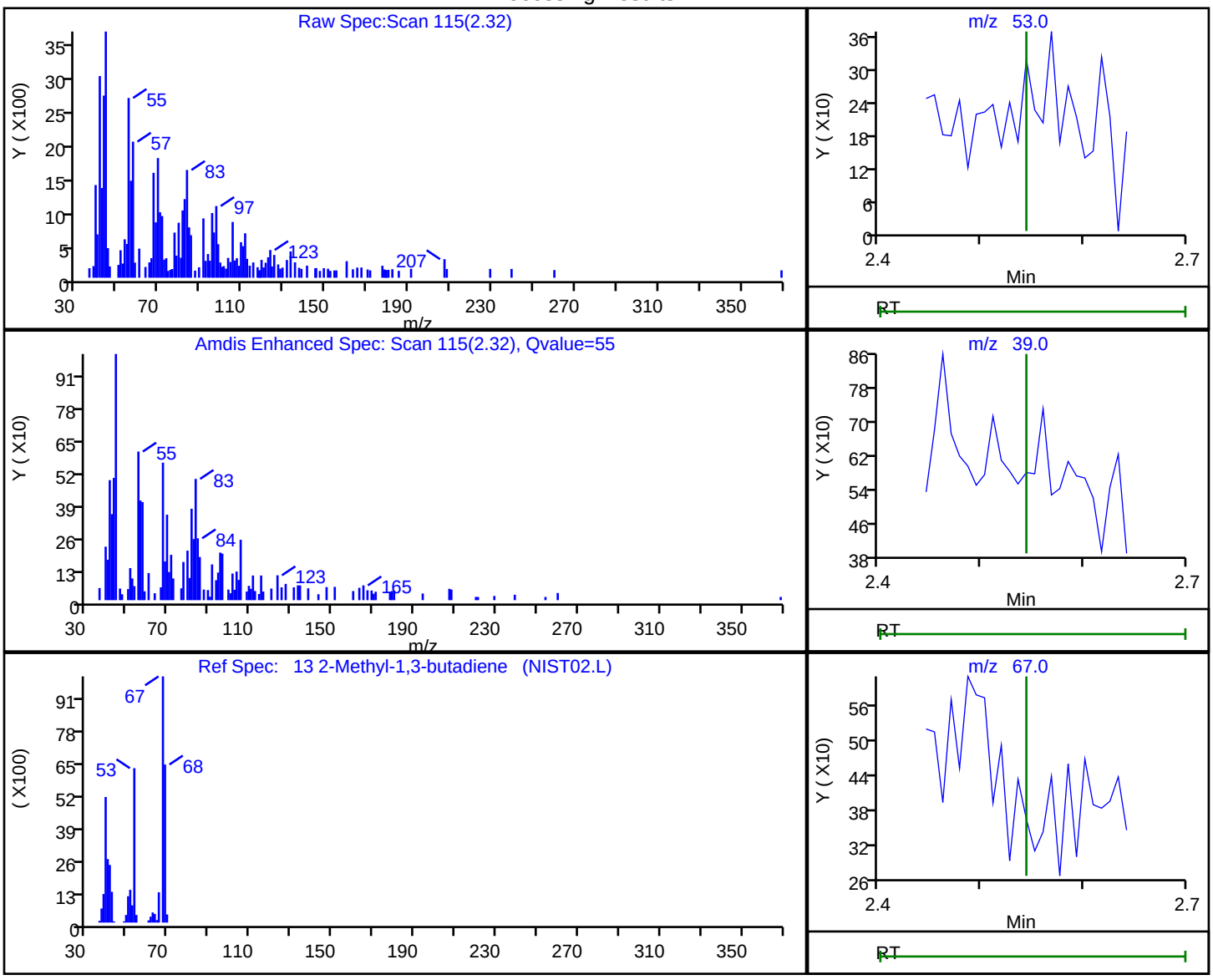
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.32	53.00	582	0.317480
2.31	39.00	2513	
2.31	67.00	7819	

Reviewer: martineze, 14-Mar-2019 12:39:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

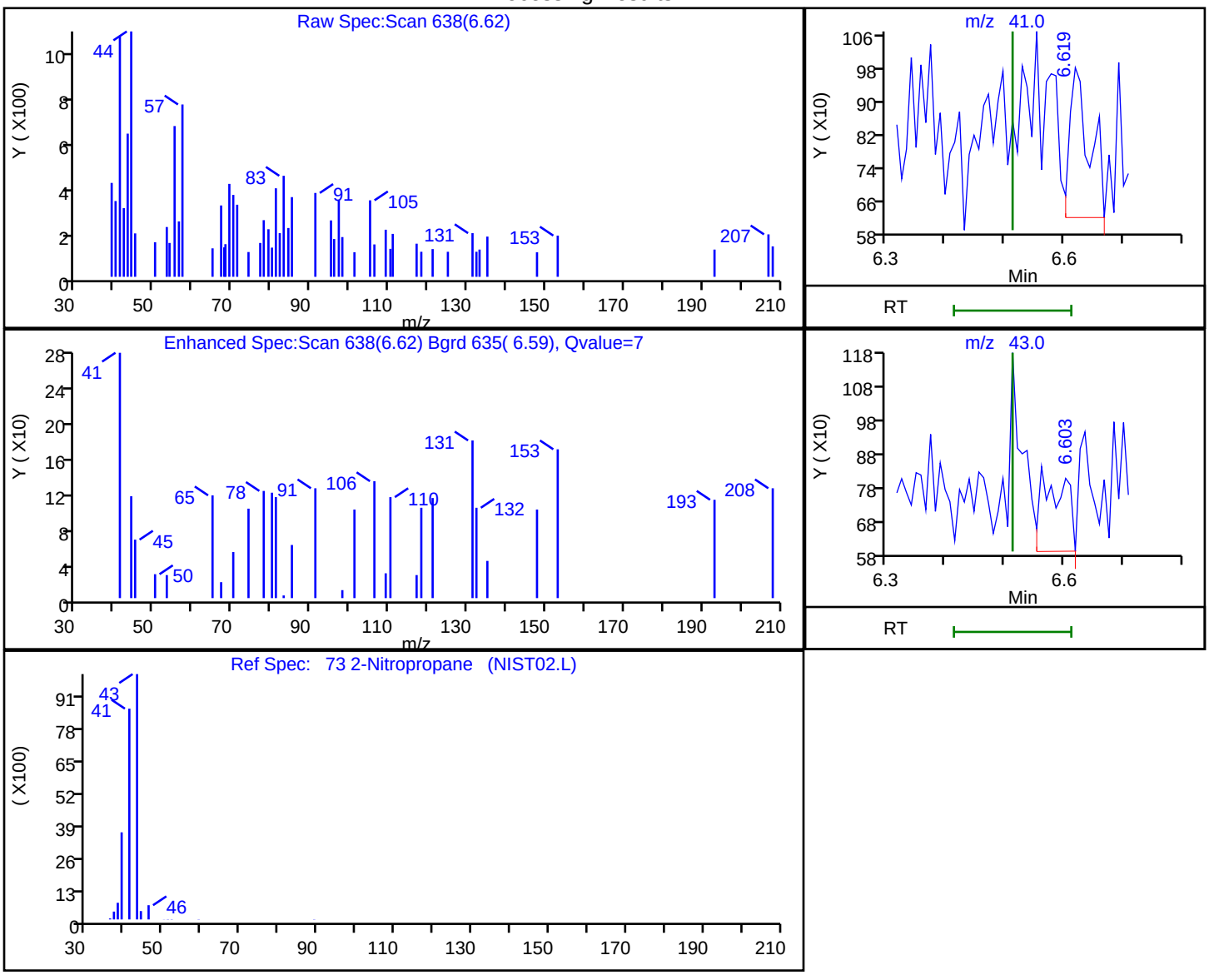
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

73 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.62	41.00	847	1.172225
6.60	43.00	674	

Reviewer: martineze, 14-Mar-2019 12:40:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

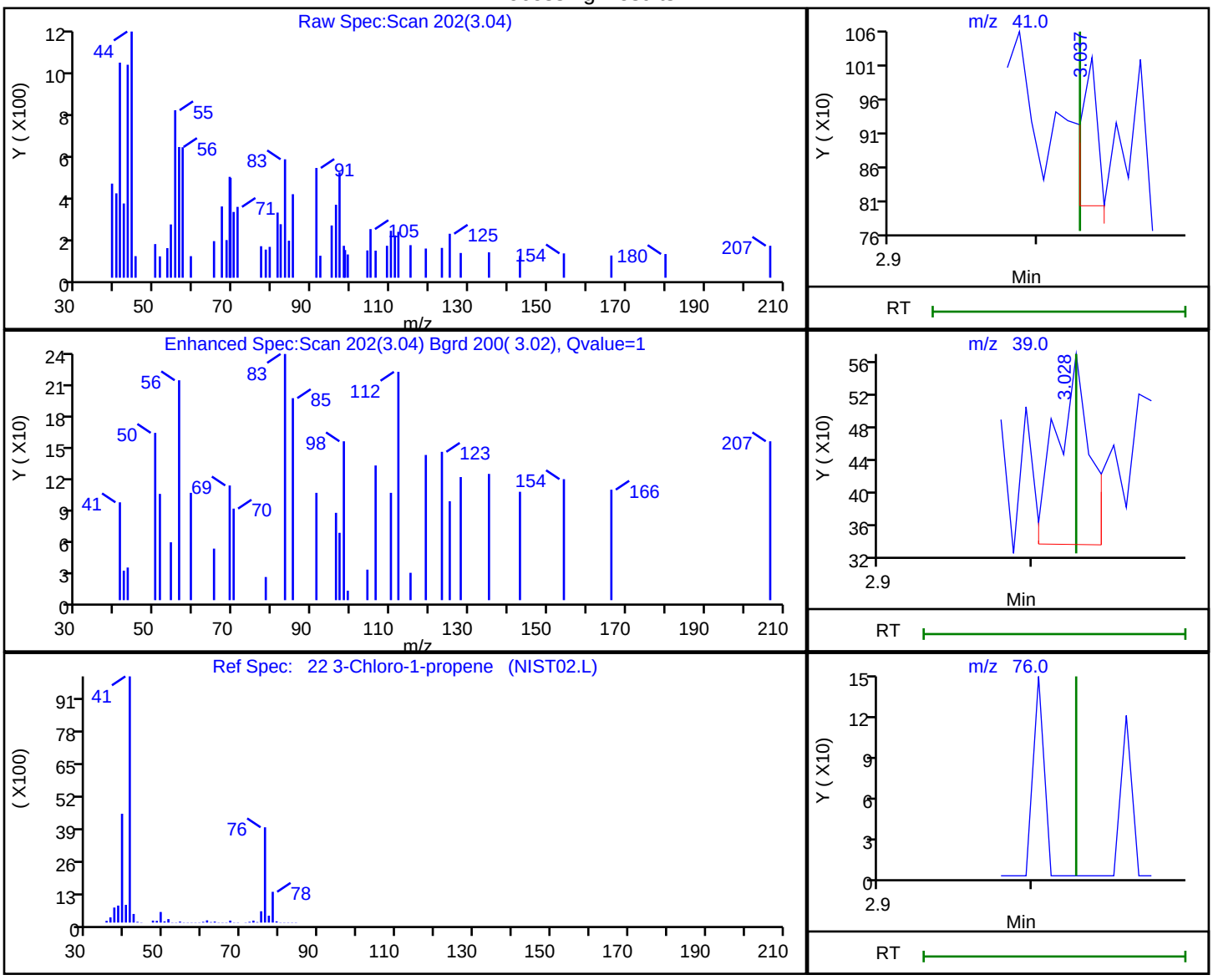
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.04	41.00	166	0.033257
3.03	39.00	340	
3.05	76.00	0	

Reviewer: martineze, 14-Mar-2019 12:39:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

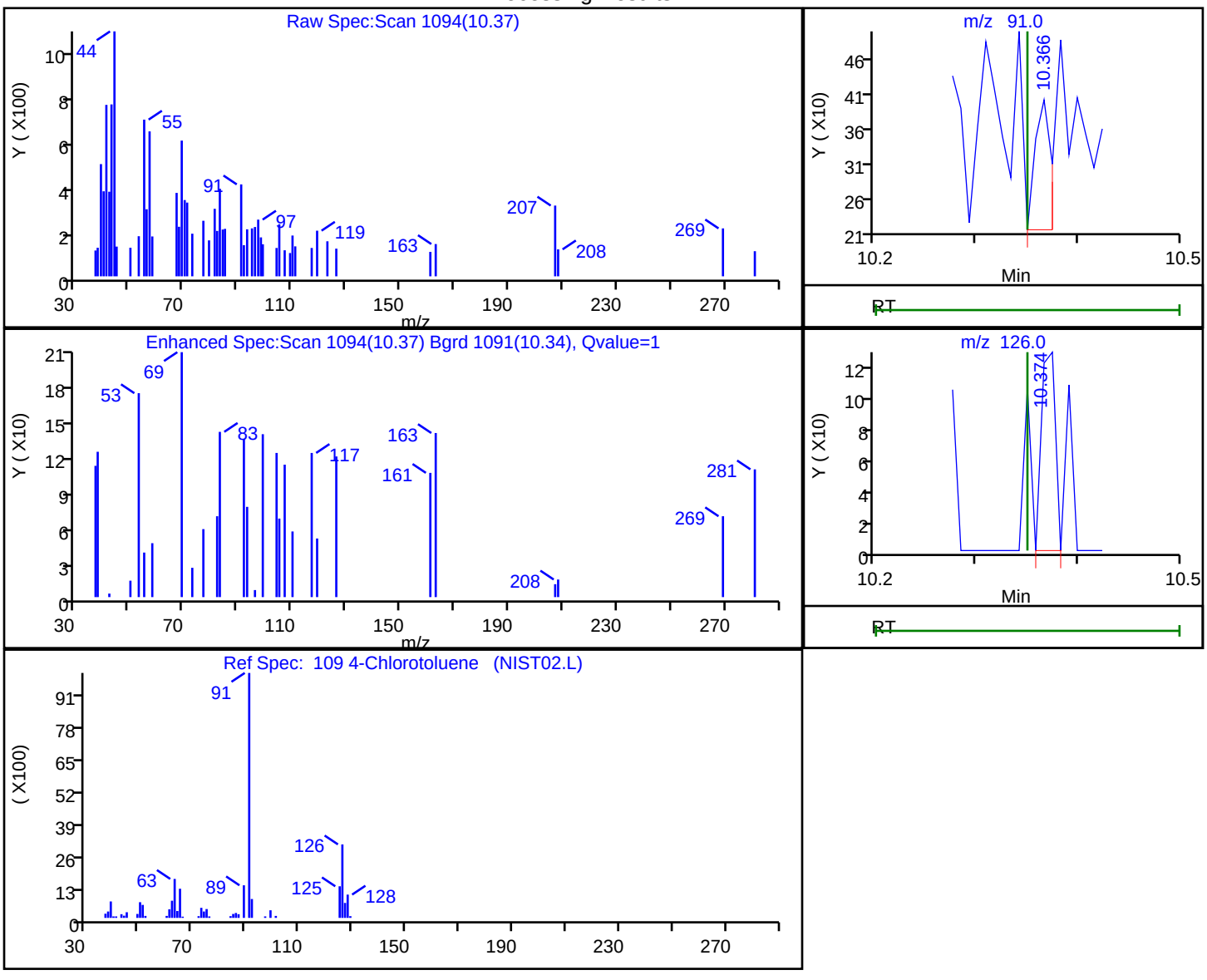
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.37	91.00	200	0.023910
10.37	126.00	122	

Reviewer: martineze, 14-Mar-2019 12:40:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

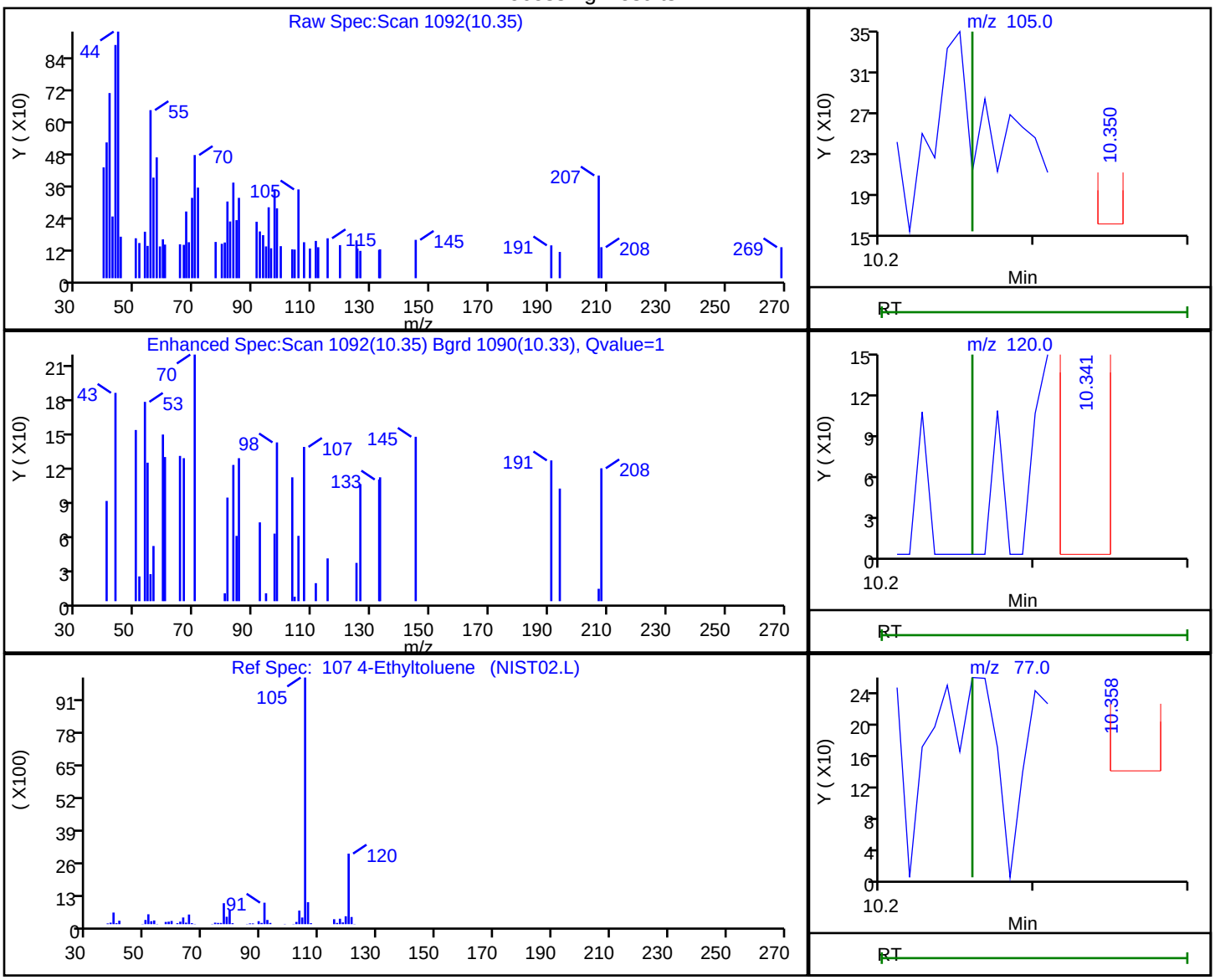
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.35	105.00	112	0.010042
10.34	120.00	106	
10.36	77.00	145	

Reviewer: martineze, 14-Mar-2019 12:40:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

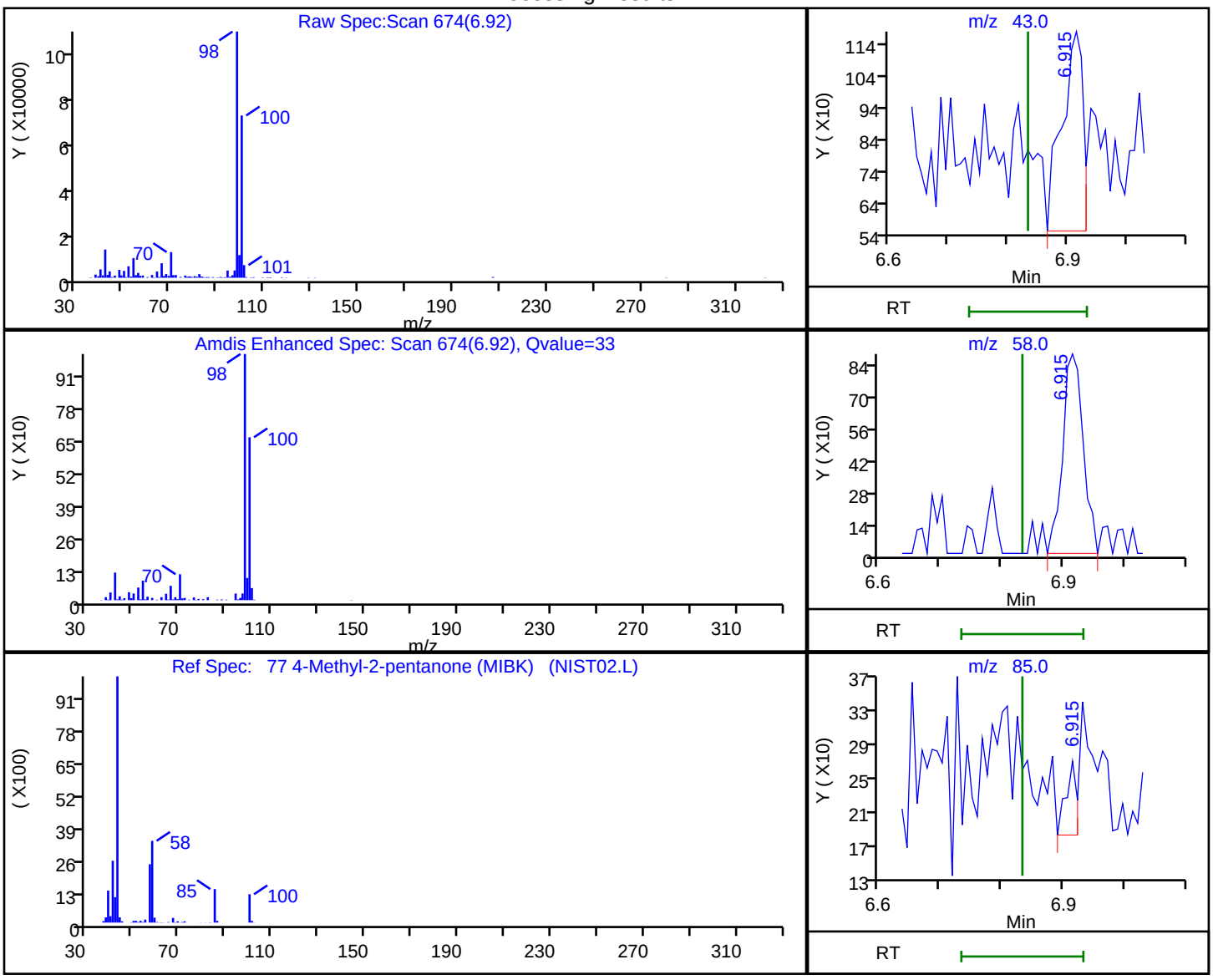
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.92	43.00	1577	0.884322
6.92	58.00	2067	
6.92	85.00	106	
6.92	100.00	148774	

Reviewer: martineze, 14-Mar-2019 12:40:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

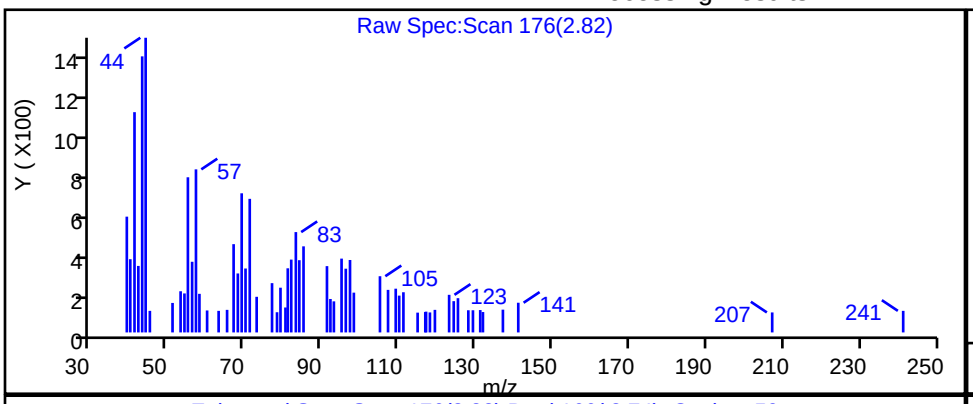
User Disabled Compound Report

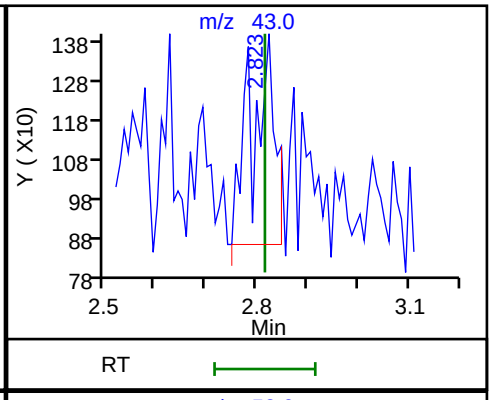
TestAmerica Edison

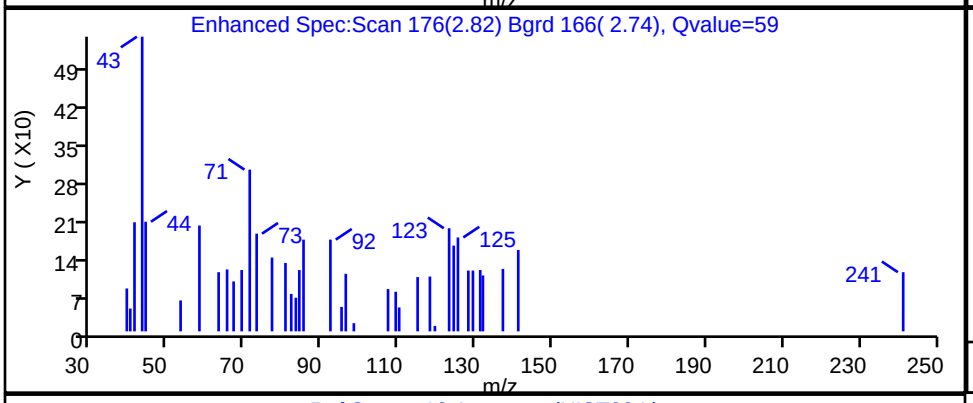
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

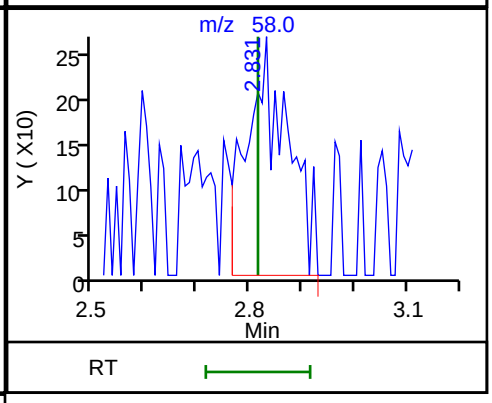
18 Acetone, CAS: 67-64-1

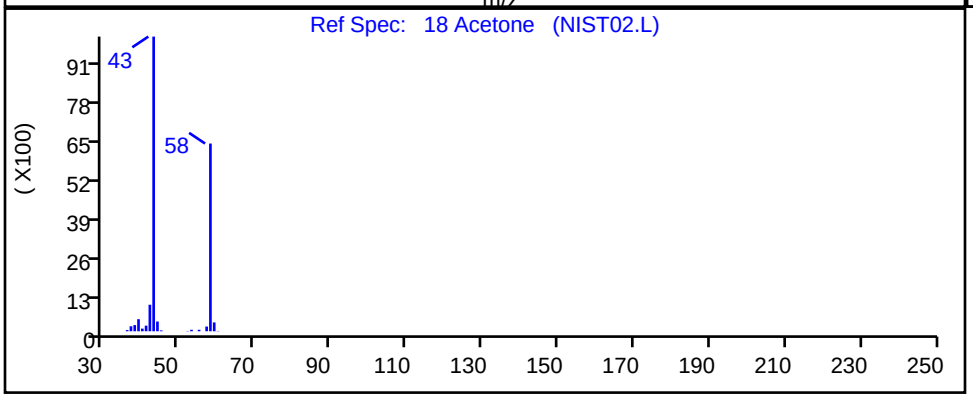
Processing Results











RT	Mass	Response	Amount
2.82	43.00	1789	2.730975
2.83	58.00	1477	

Reviewer: martineze, 14-Mar-2019 12:39:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

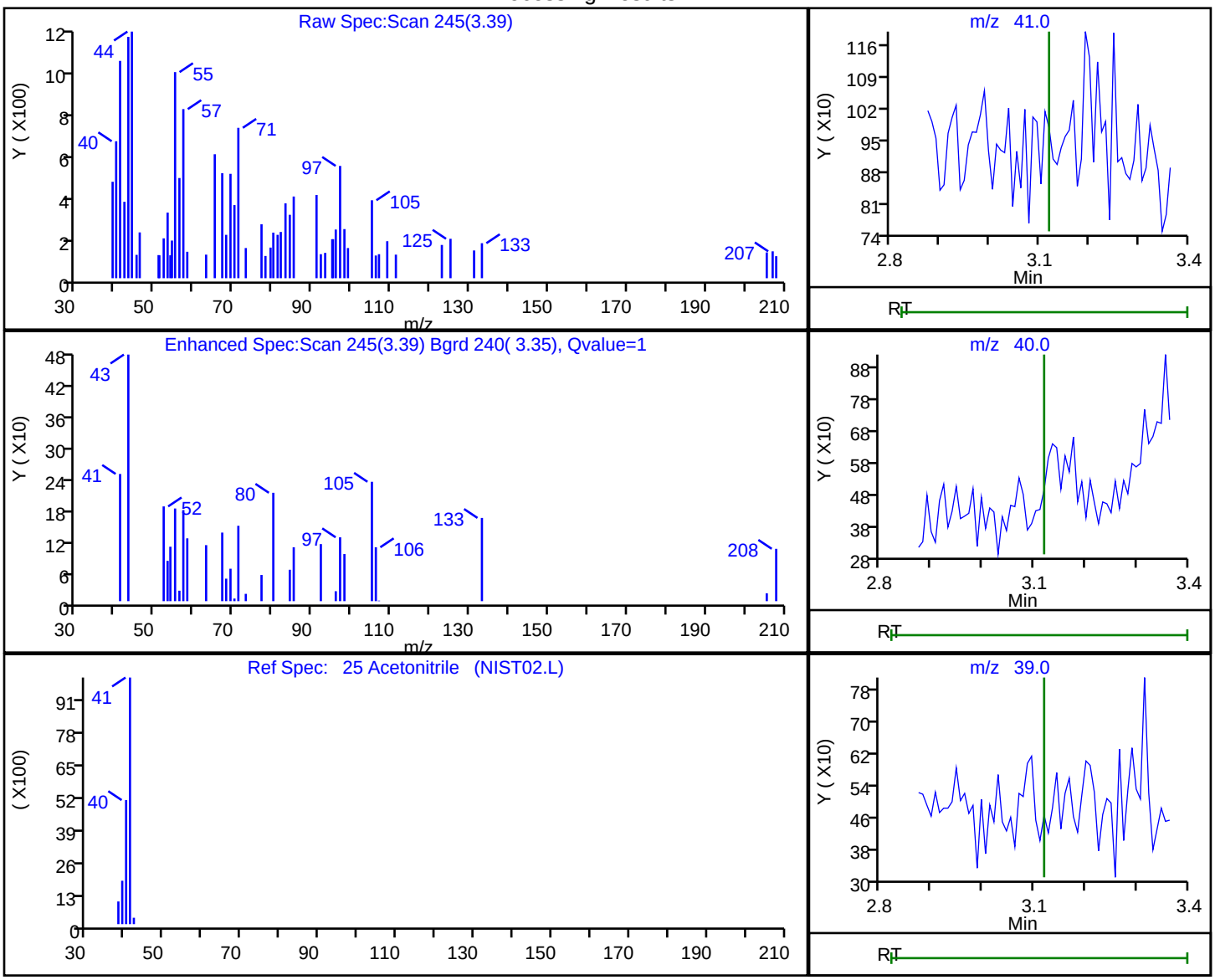
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.39	41.00	451	0.857121
3.40	40.00	544	
3.41	39.00	260	
3.41	38.00	441	

Reviewer: martineze, 14-Mar-2019 12:39:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

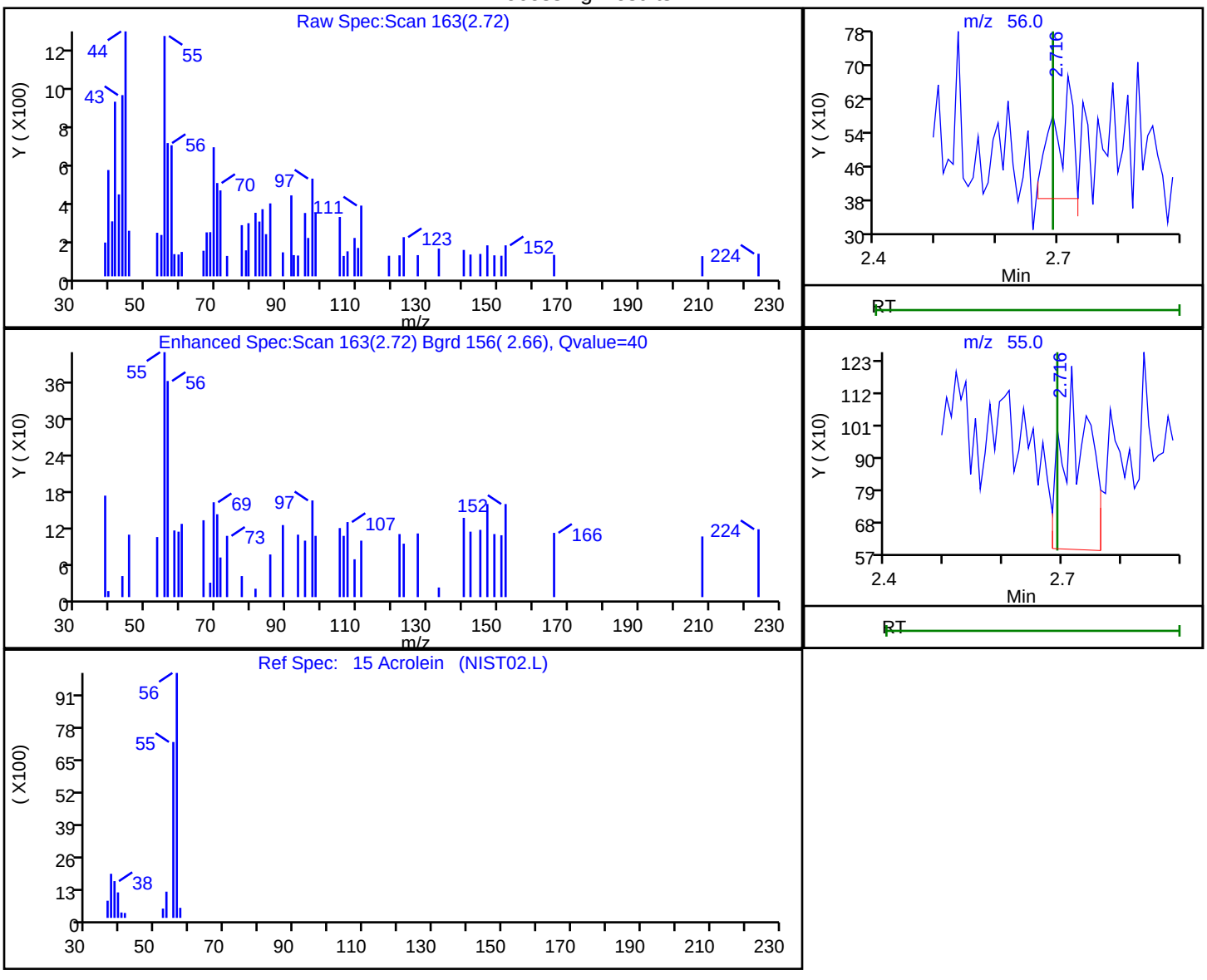
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.72	56.00	594	2.067863
2.72	55.00	1811	

Reviewer: martineze, 14-Mar-2019 12:39:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

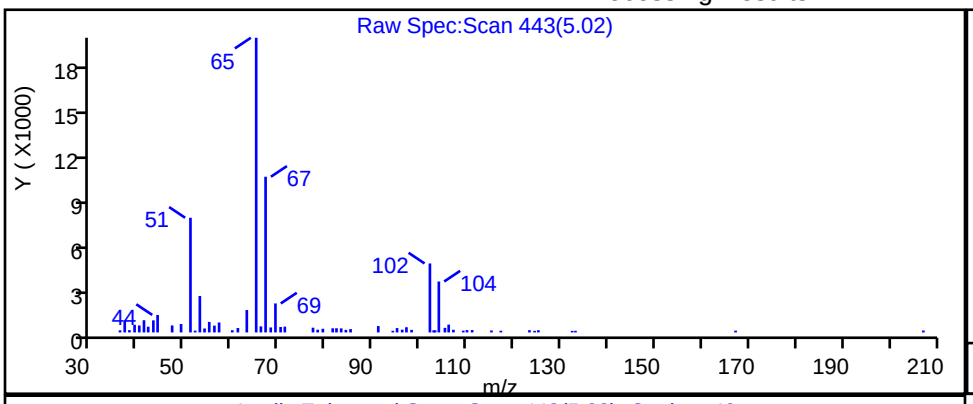
User Disabled Compound Report

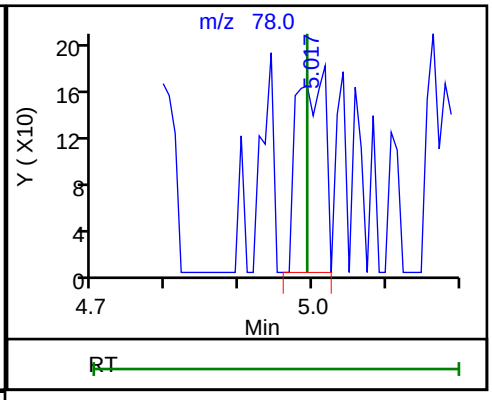
TestAmerica Edison

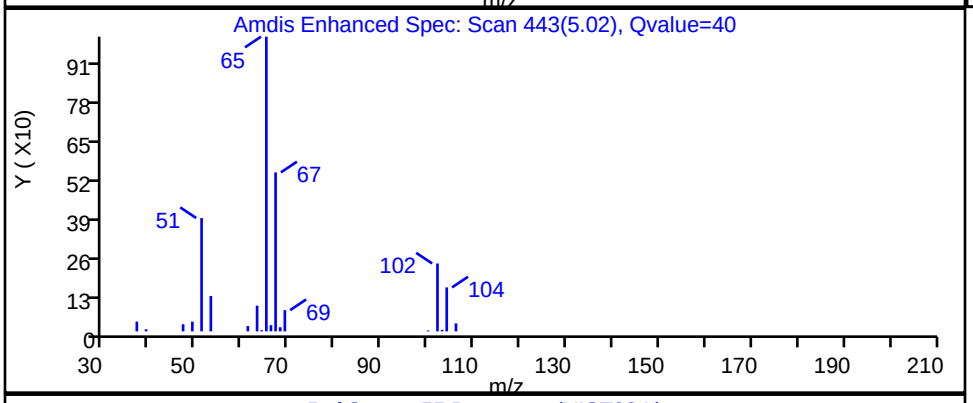
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

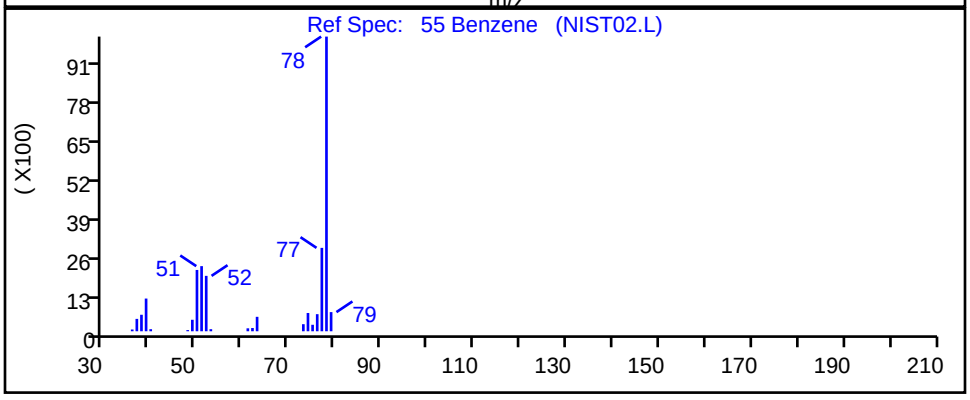
55 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
5.02	78.00	455	0.042946

Reviewer: martineze, 14-Mar-2019 12:40:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

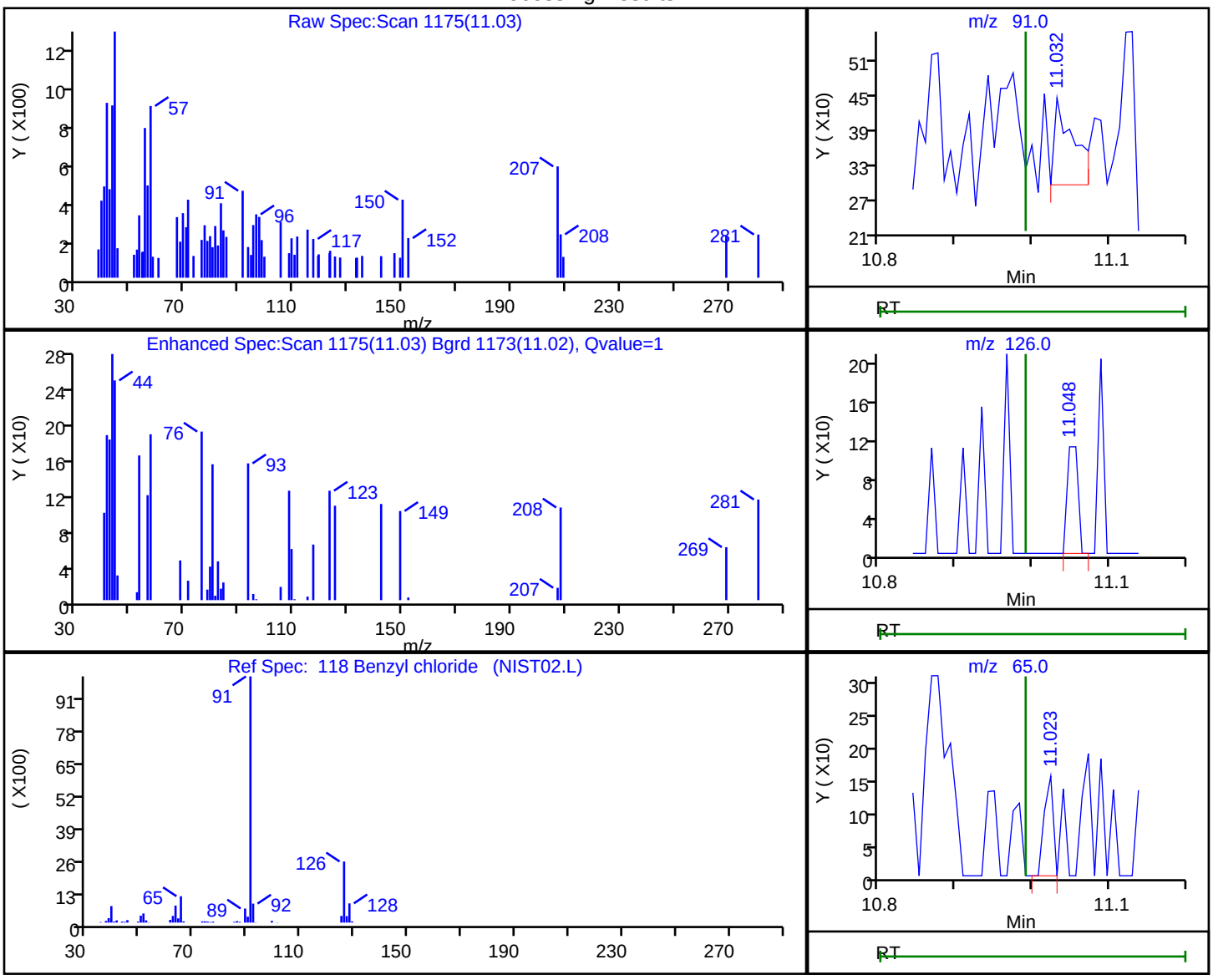
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

118 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
11.03	91.00	255	0.068599
11.05	126.00	107	
11.02	65.00	126	

Reviewer: martineze, 14-Mar-2019 12:40:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

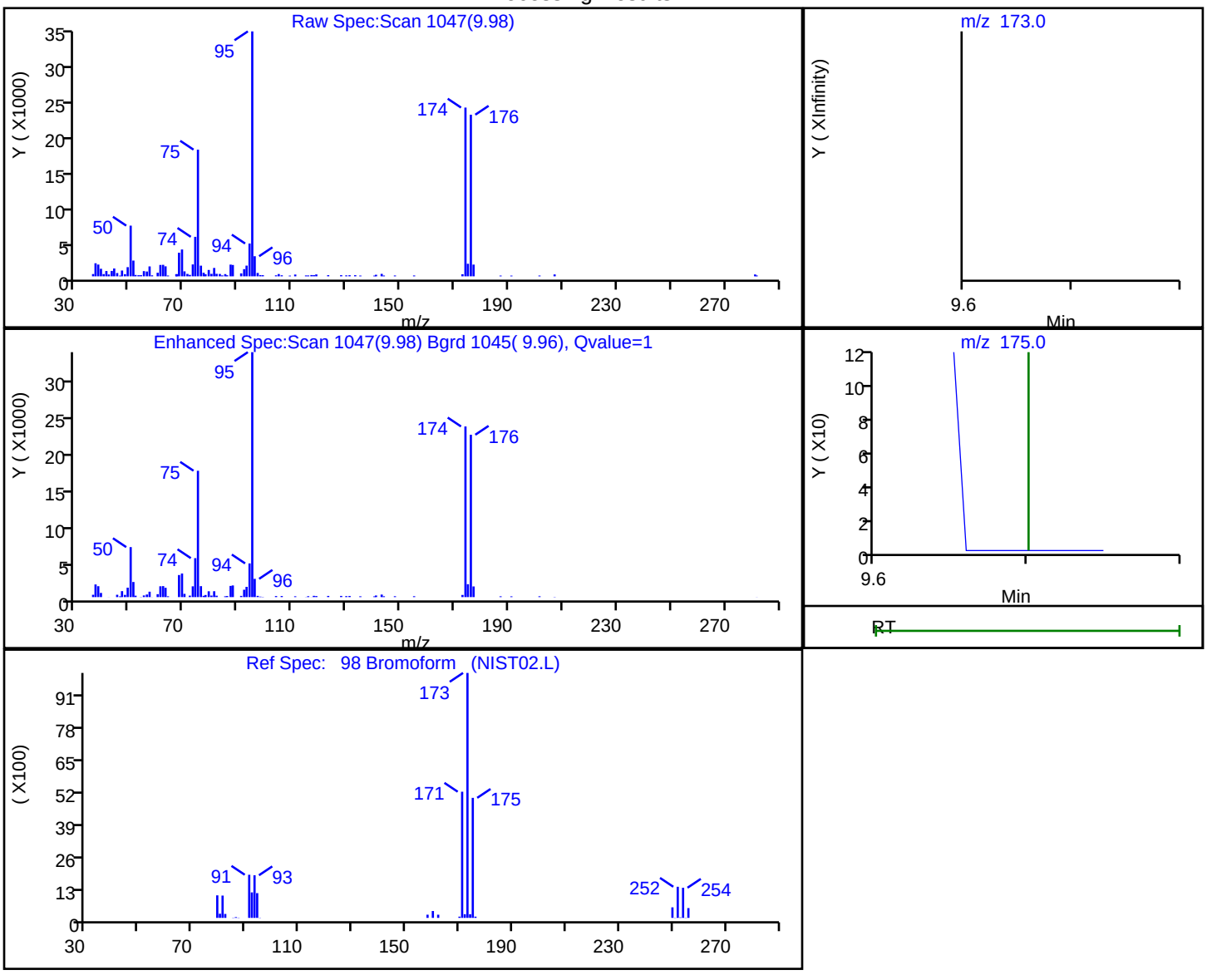
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

98 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
9.98	173.00	146	0.106198
9.99	175.00	5202	

Reviewer: martineze, 14-Mar-2019 12:40:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

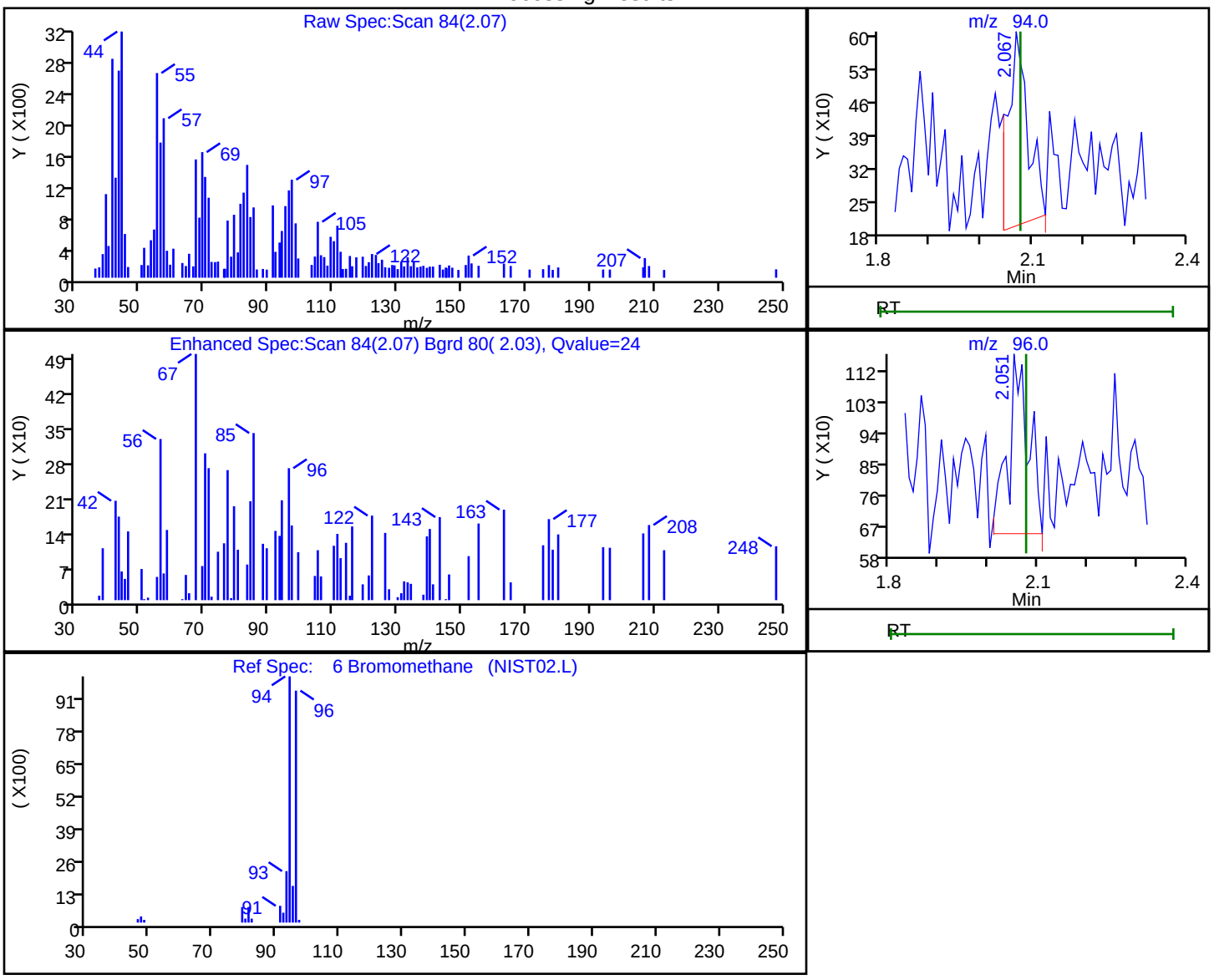
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.07	94.00	1110	0.250000
2.05	96.00	1482	

Reviewer: martineze, 14-Mar-2019 12:39:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

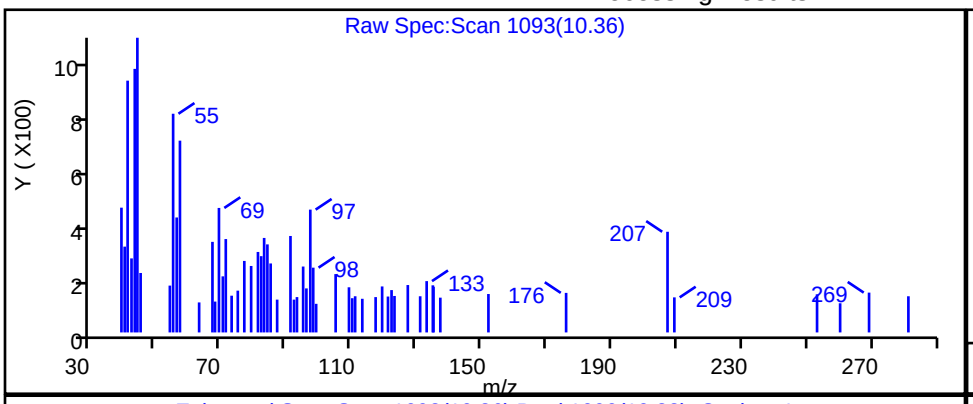
User Disabled Compound Report

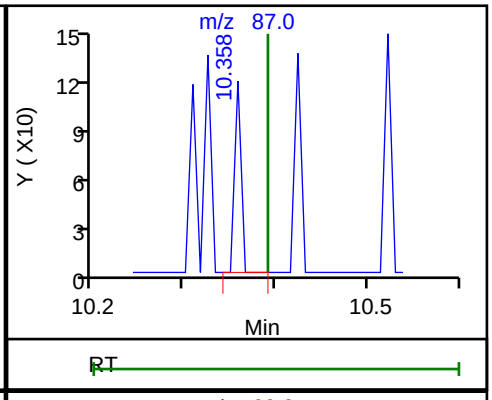
TestAmerica Edison

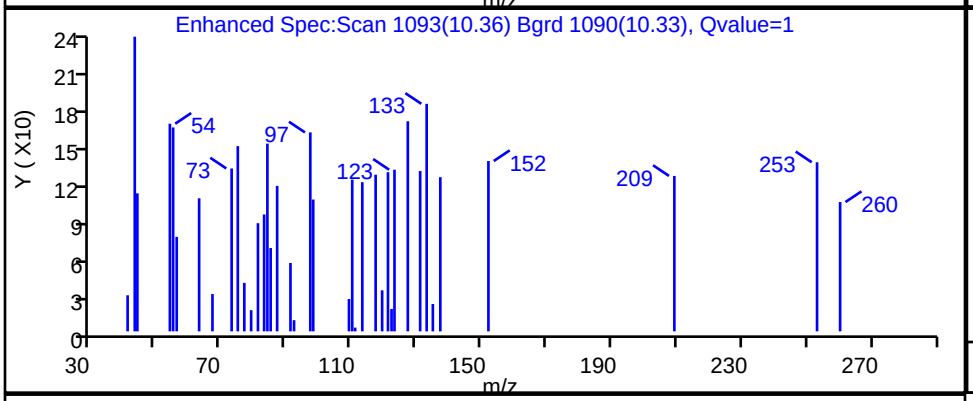
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

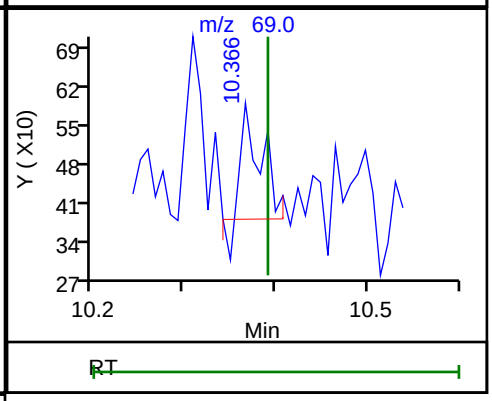
110 Butyl Methacrylate, CAS: 97-88-1

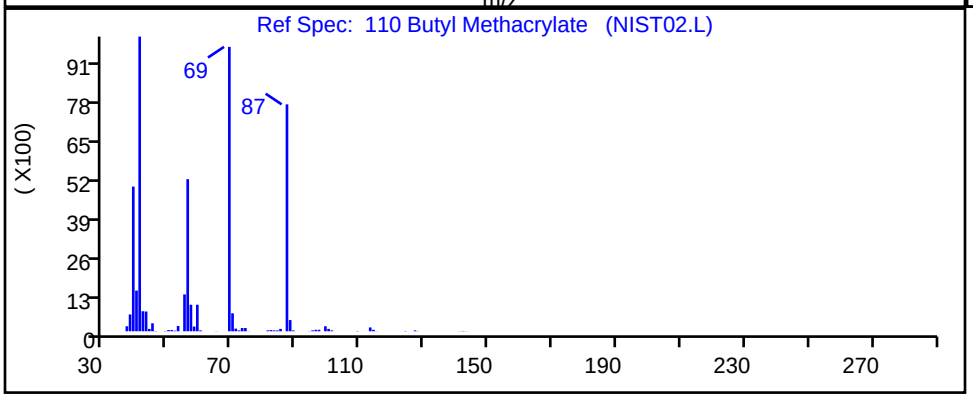
Processing Results











RT	Mass	Response	Amount
10.36	87.00	58	0.016658
10.37	69.00	299	

Reviewer: martineze, 14-Mar-2019 12:40:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

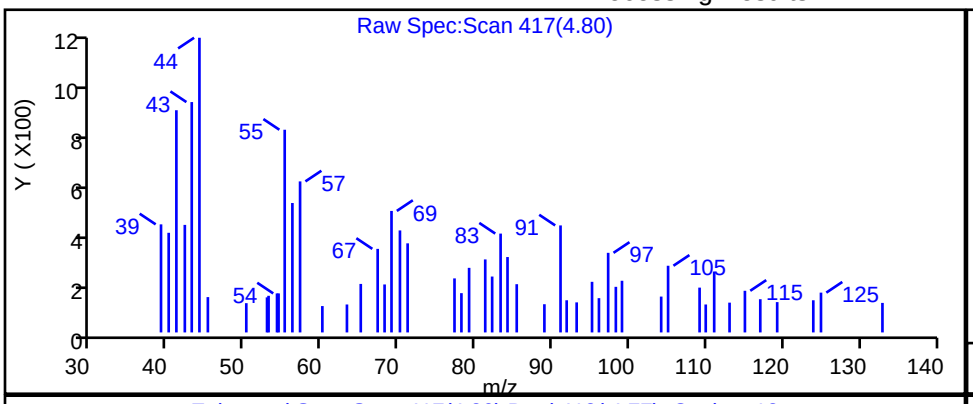
User Disabled Compound Report

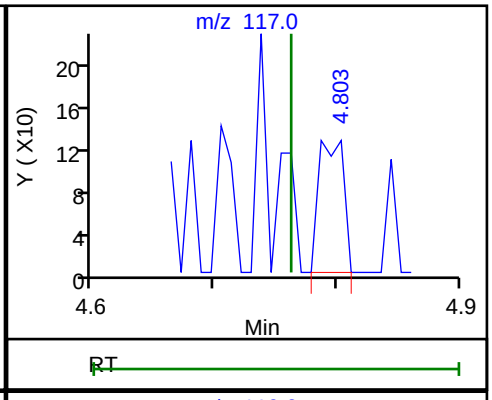
TestAmerica Edison

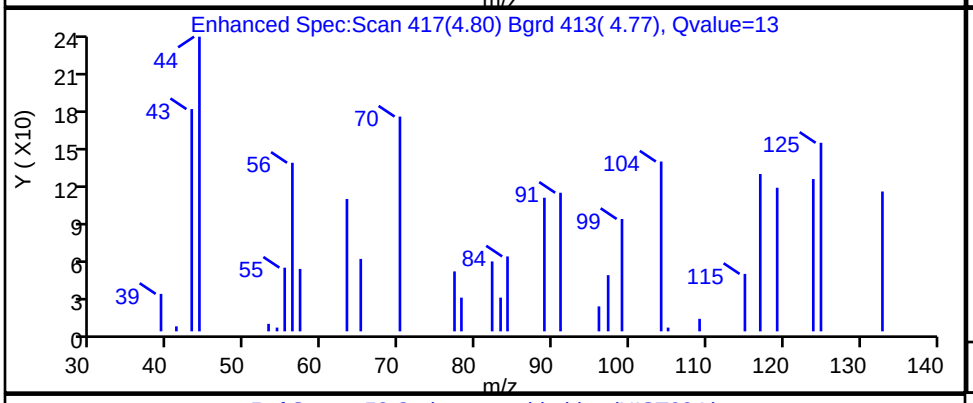
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

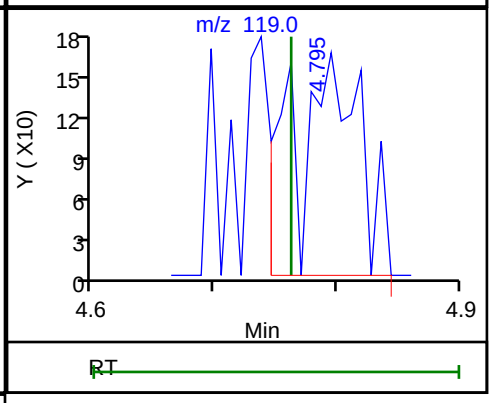
52 Carbon tetrachloride, CAS: 56-23-5

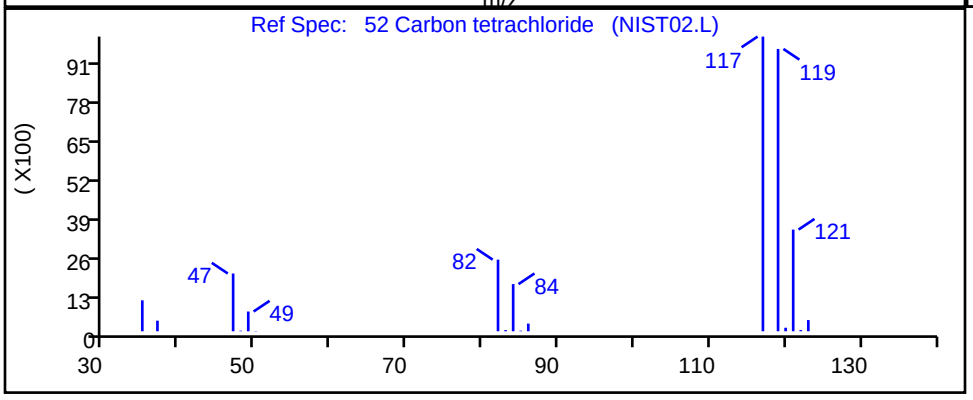
Processing Results











RT	Mass	Response	Amount
4.80	117.00	179	0.049157
4.80	119.00	639	

Reviewer: martineze, 14-Mar-2019 12:40:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

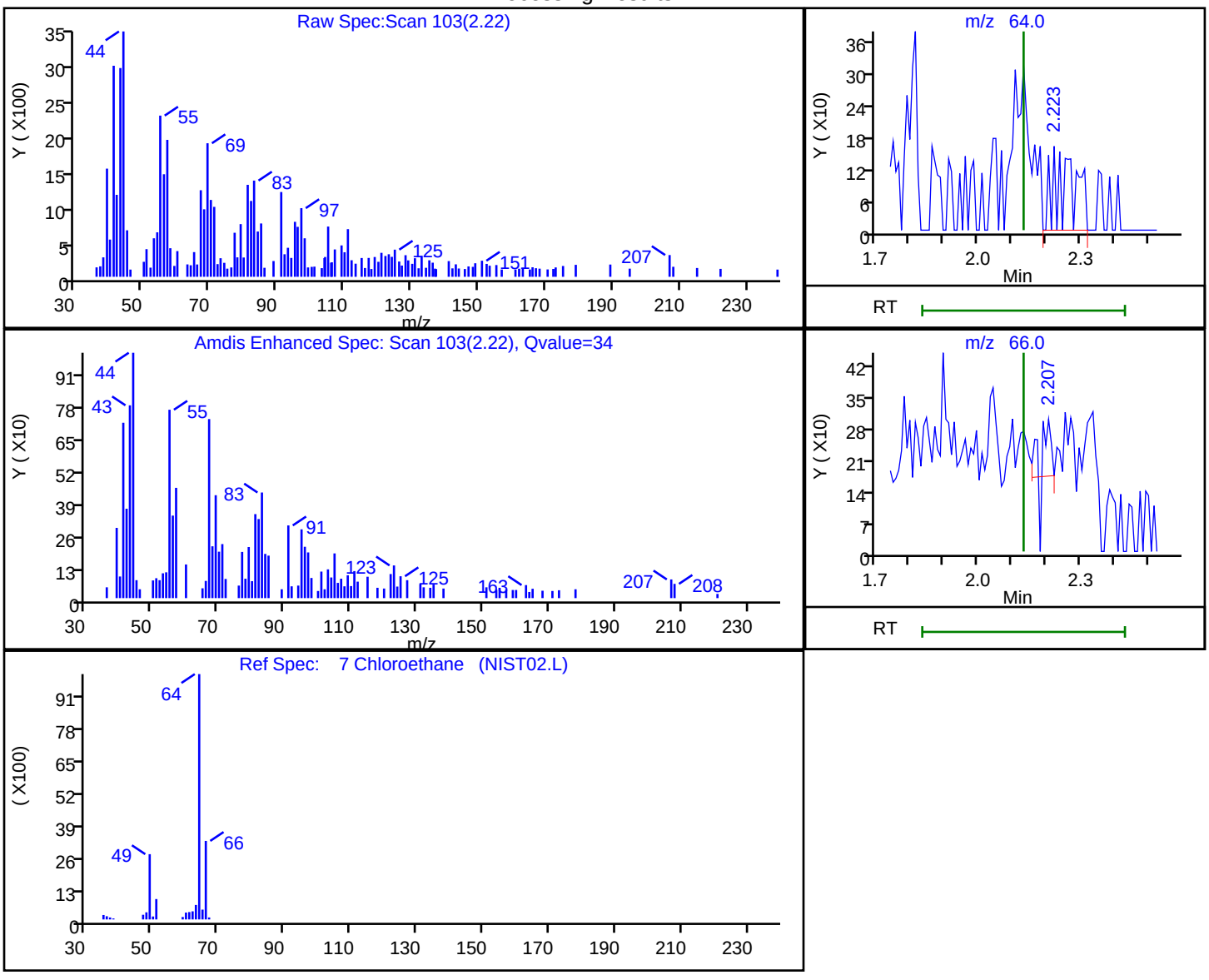
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
2.22	64.00	637	0.246673
2.21	66.00	211	

Reviewer: martineze, 14-Mar-2019 12:39:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

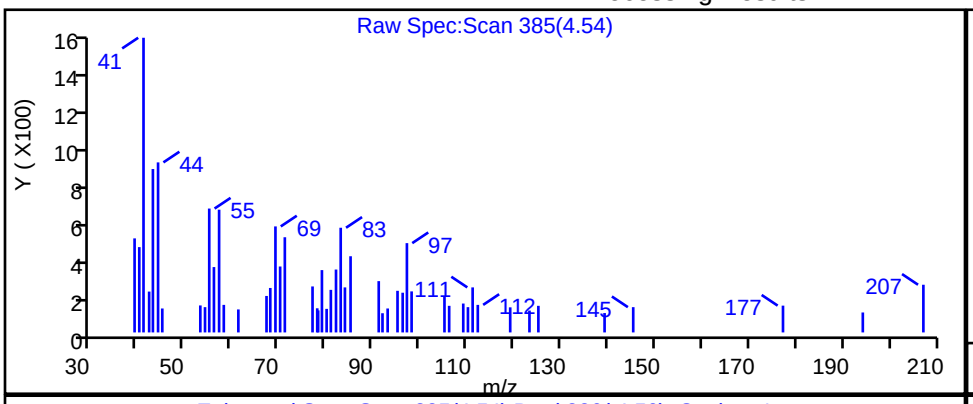
User Disabled Compound Report

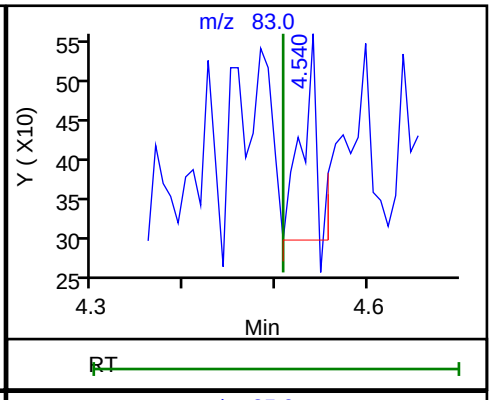
TestAmerica Edison

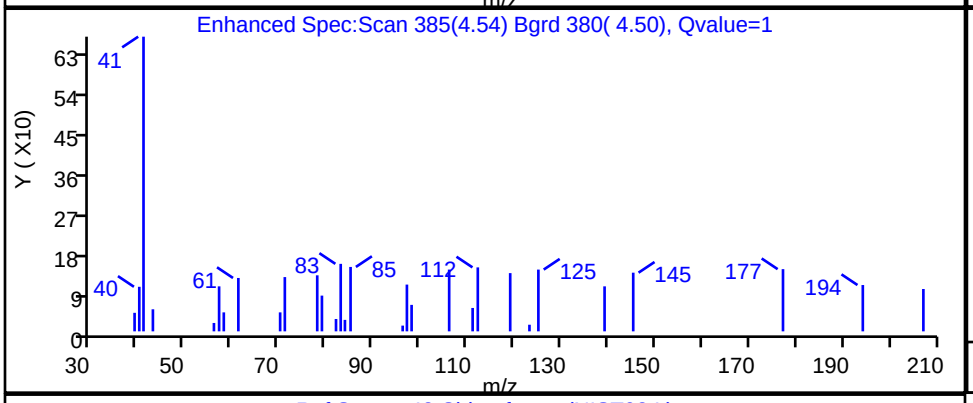
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

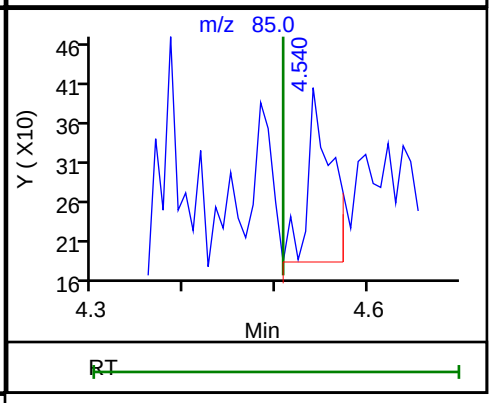
48 Chloroform, CAS: 67-66-3

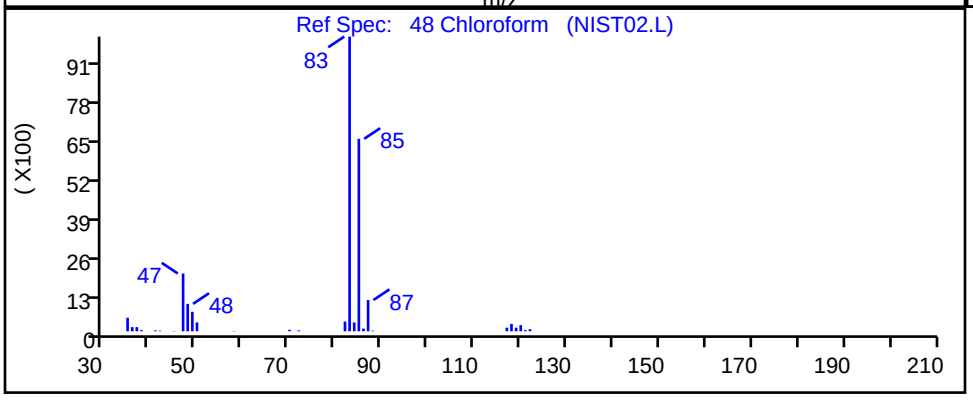
Processing Results











RT	Mass	Response	Amount
4.54	83.00	298	0.066608
4.54	85.00	400	

Reviewer: martineze, 14-Mar-2019 12:40:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

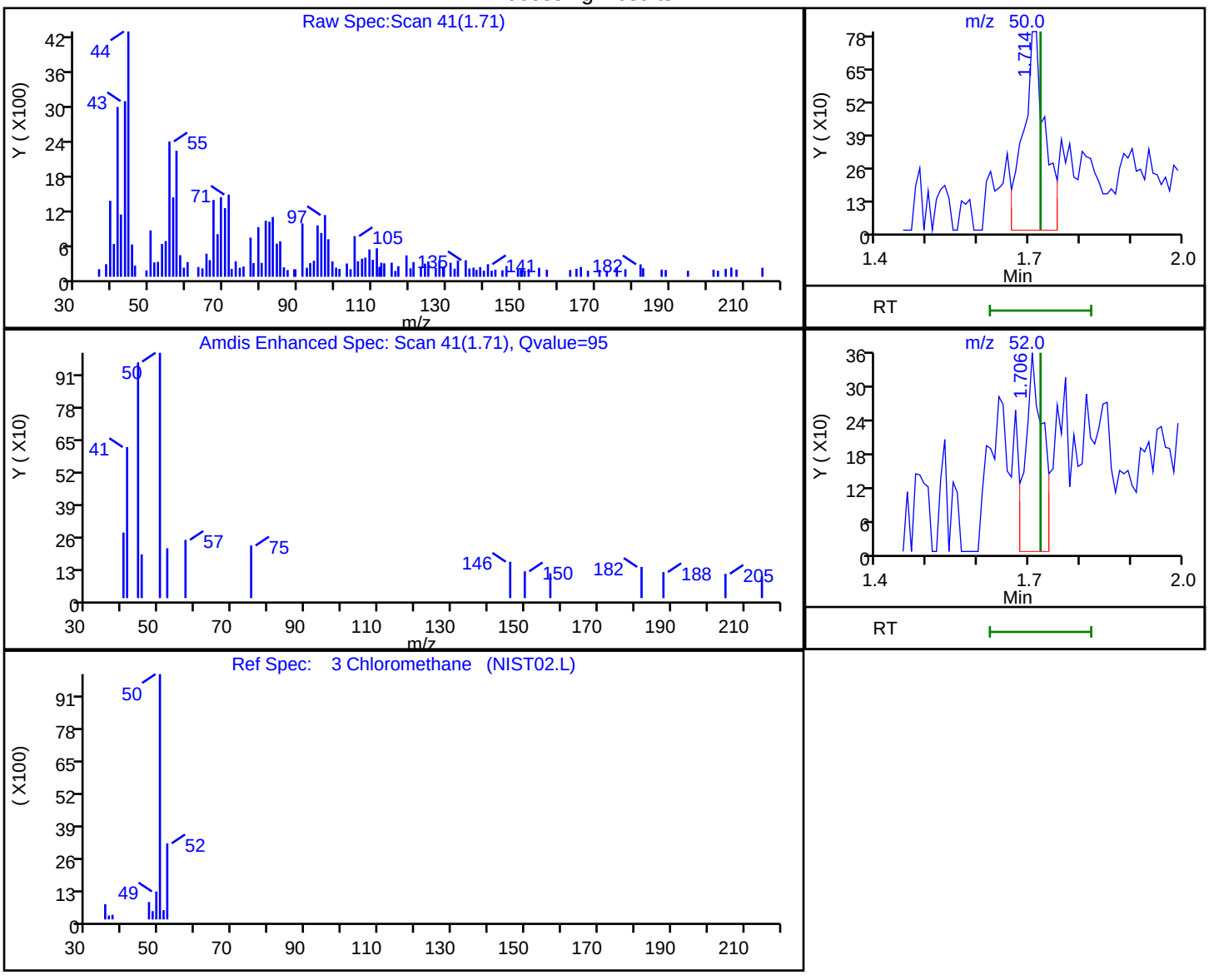
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

3 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.71	50.00	2376	0.250000
1.71	52.00	837	

Reviewer: martineze, 14-Mar-2019 12:39:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

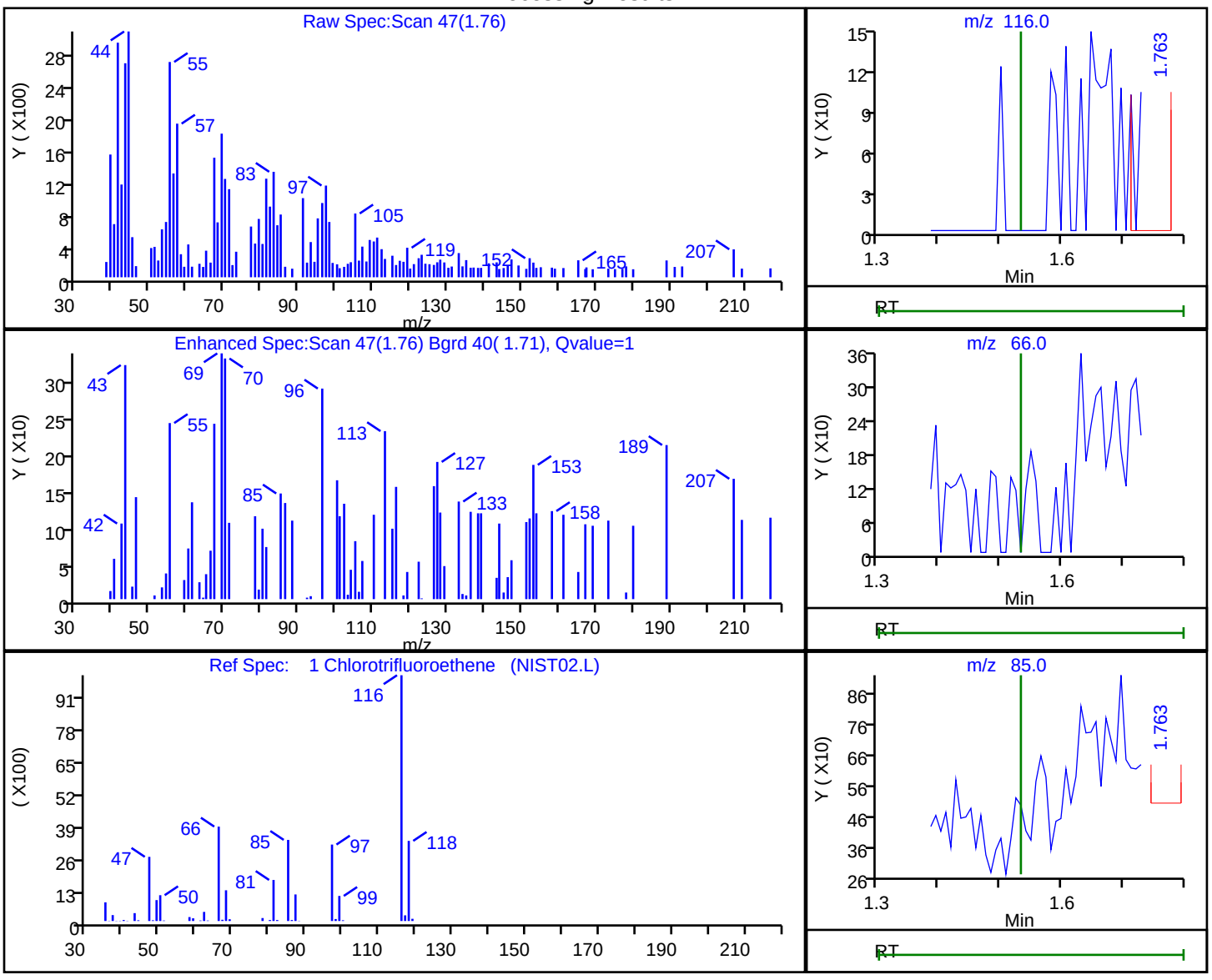
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.76	116.00	341	0.263798
1.78	66.00	501	
1.76	85.00	456	
1.74	118.00	997	

Reviewer: martineze, 14-Mar-2019 12:39:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

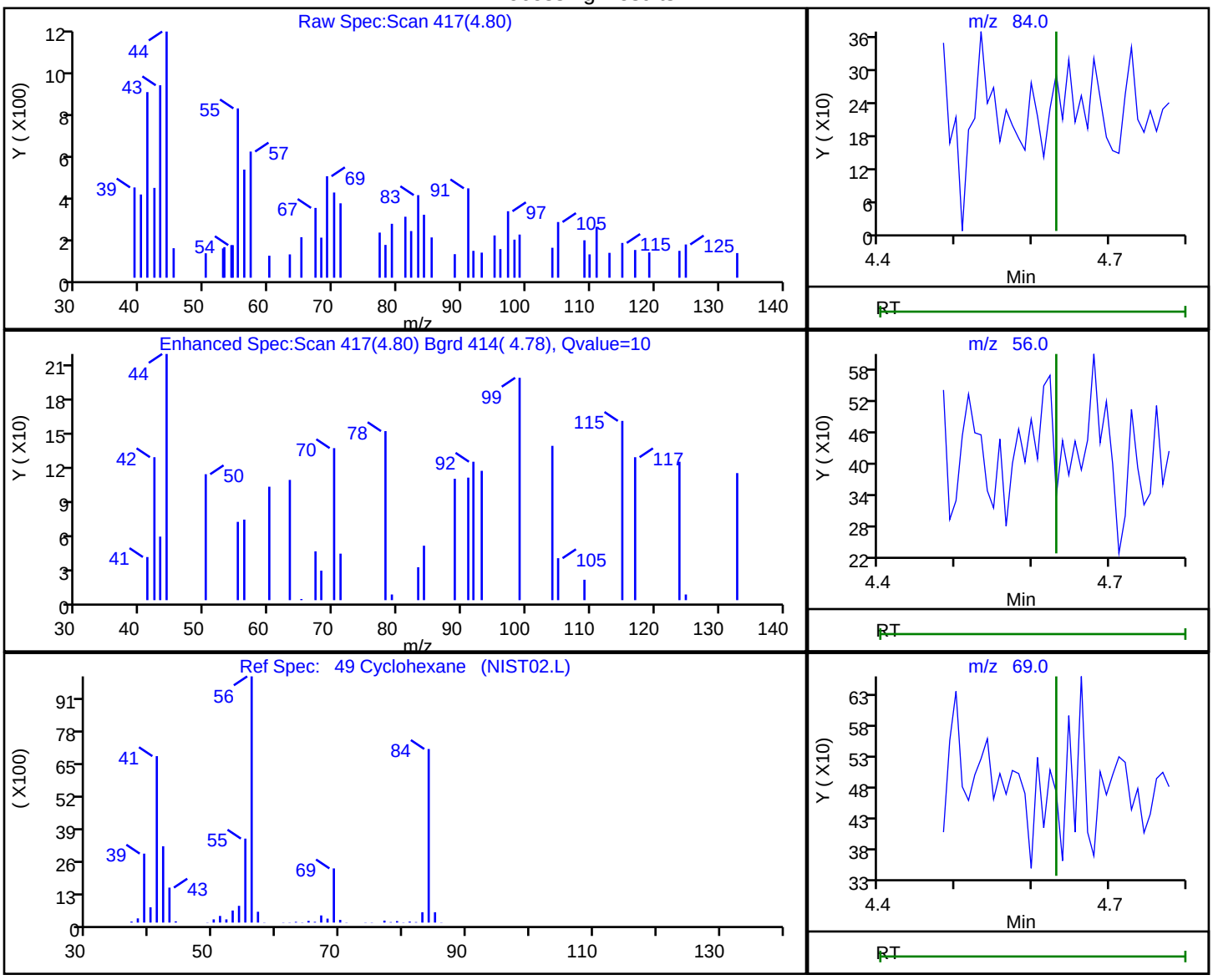
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.80	84.00	258	0.067822
4.80	56.00	470	
4.79	69.00	567	

Reviewer: martineze, 14-Mar-2019 12:40:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

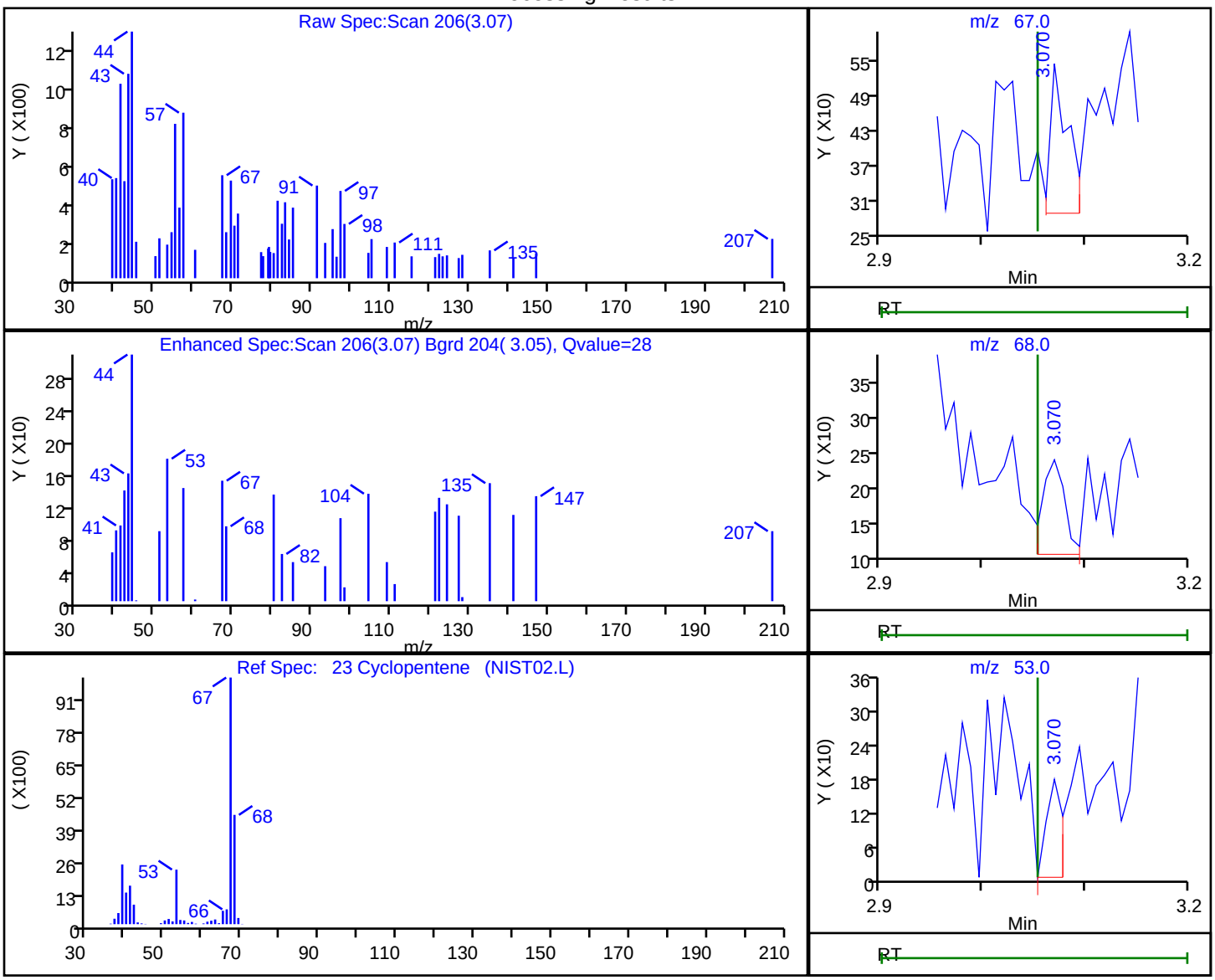
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 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
3.07	67.00	313	0.053237
3.07	68.00	200	
3.07	53.00	189	

Reviewer: martineze, 14-Mar-2019 12:39:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

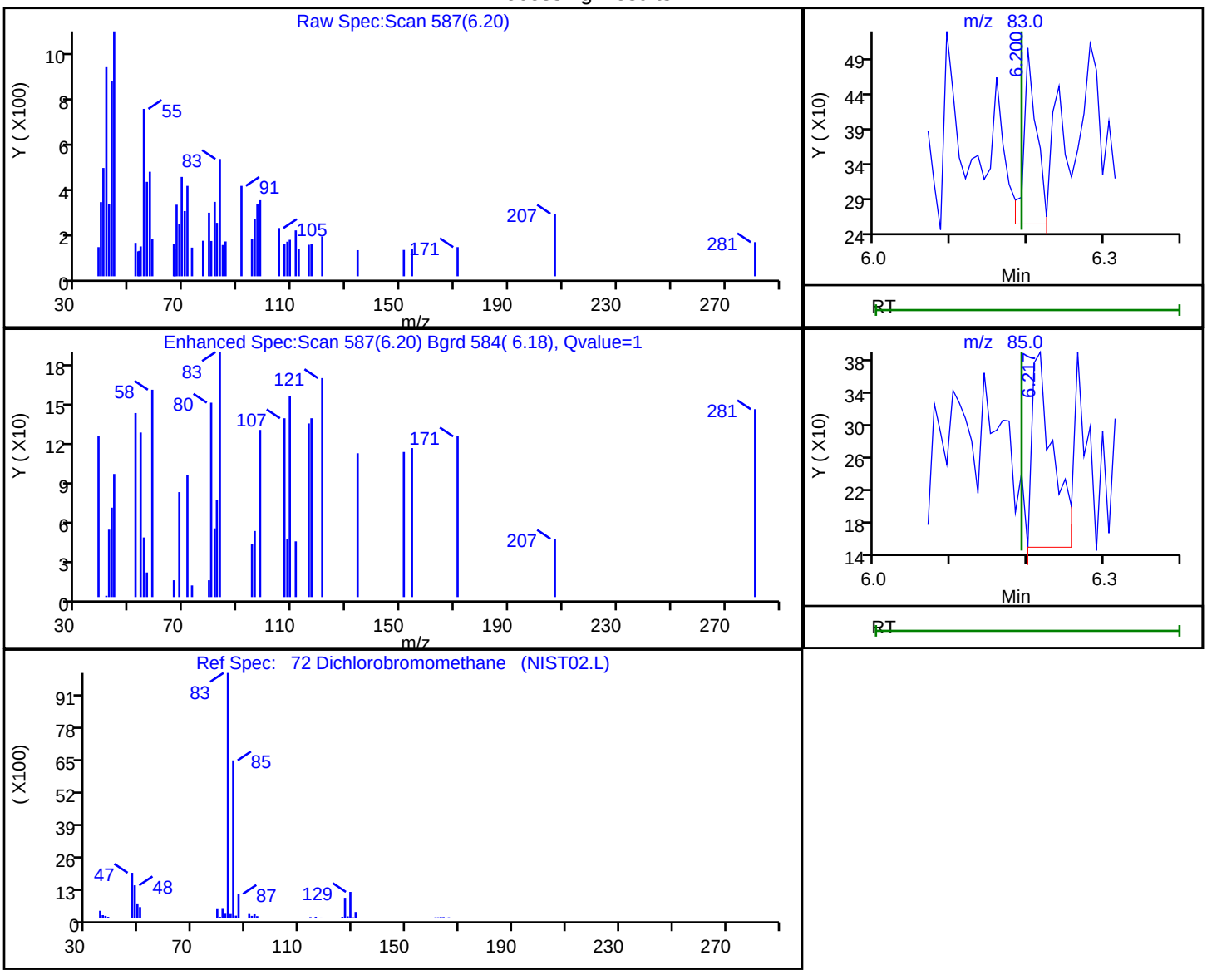
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
6.20	83.00	283	0.092032
6.22	85.00	443	

Reviewer: martineze, 14-Mar-2019 12:40:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

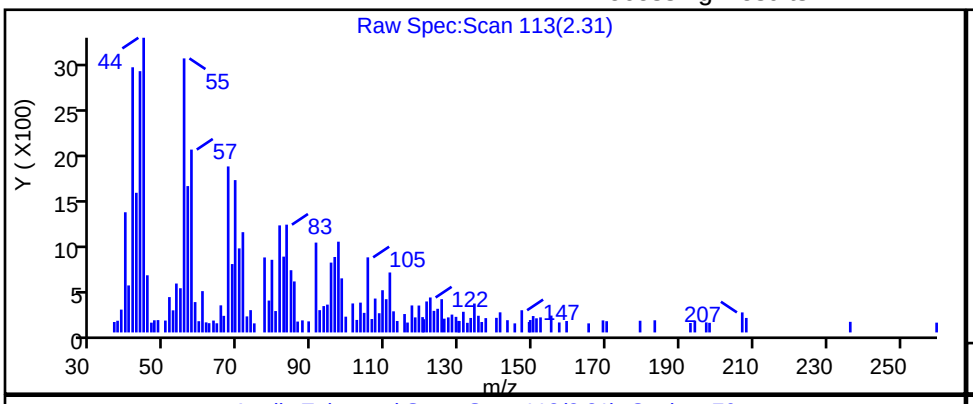
User Disabled Compound Report

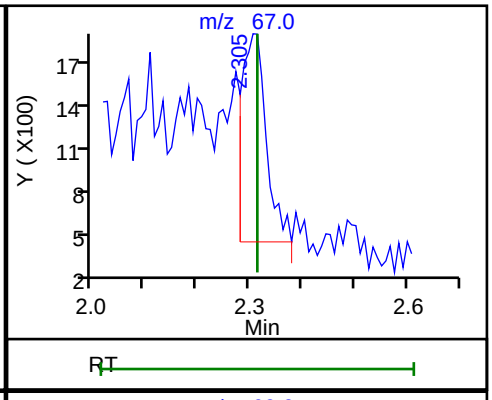
TestAmerica Edison

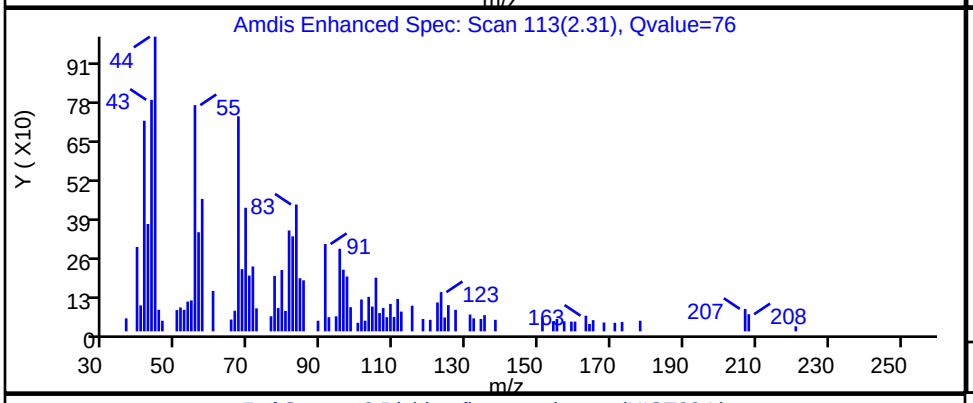
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

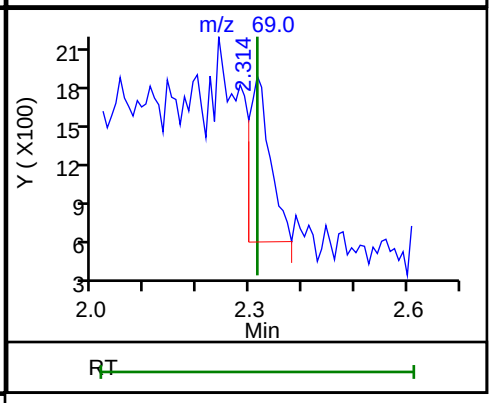
8 Dichlorofluoromethane, CAS: 75-43-4

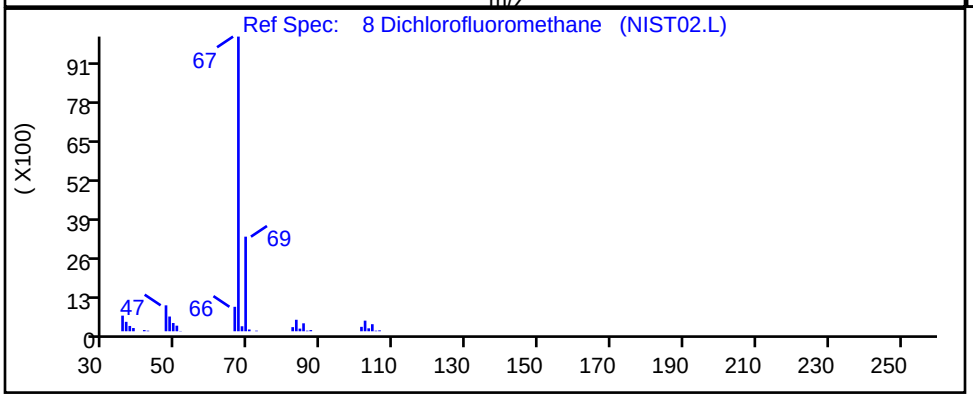
Processing Results











RT	Mass	Response	Amount
2.31	67.00	4443	0.250000
2.31	69.00	3336	

Reviewer: martineze, 14-Mar-2019 12:39:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

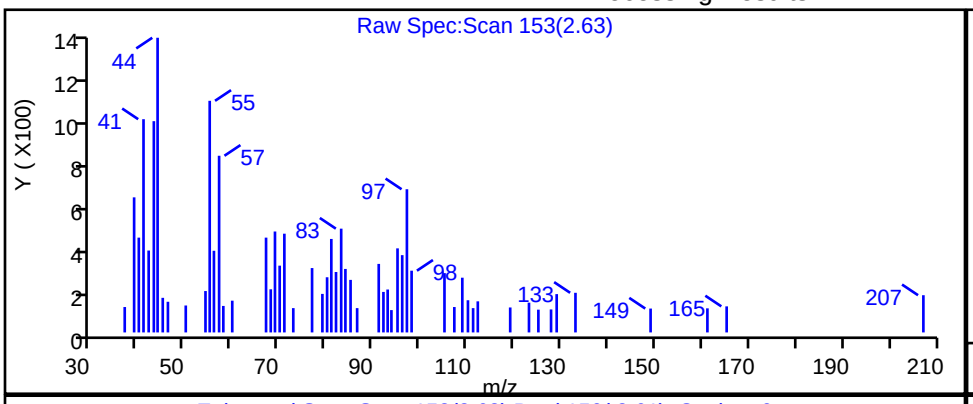
User Disabled Compound Report

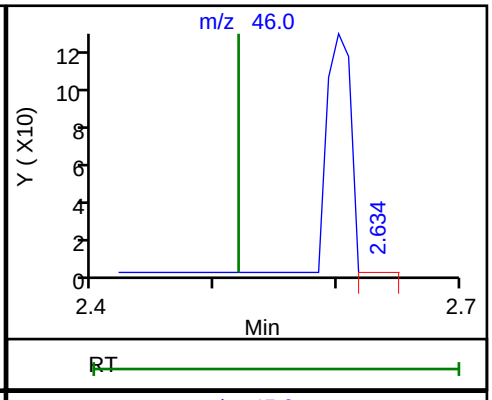
TestAmerica Edison

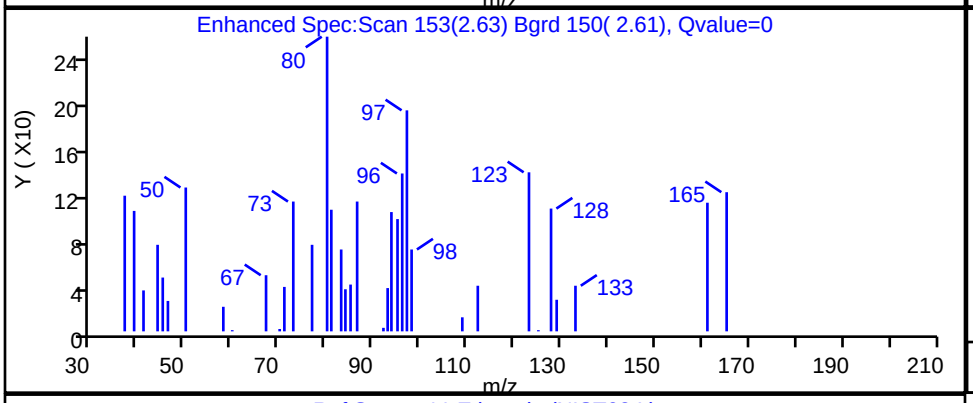
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

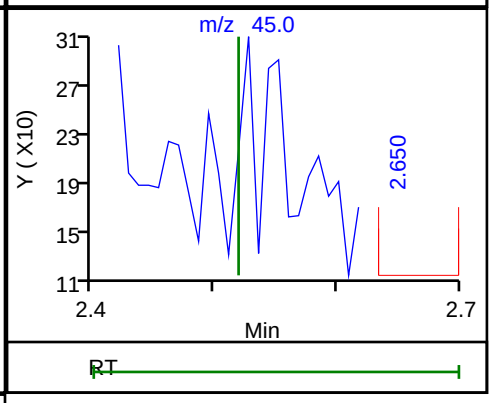
11 Ethanol, CAS: 64-17-5

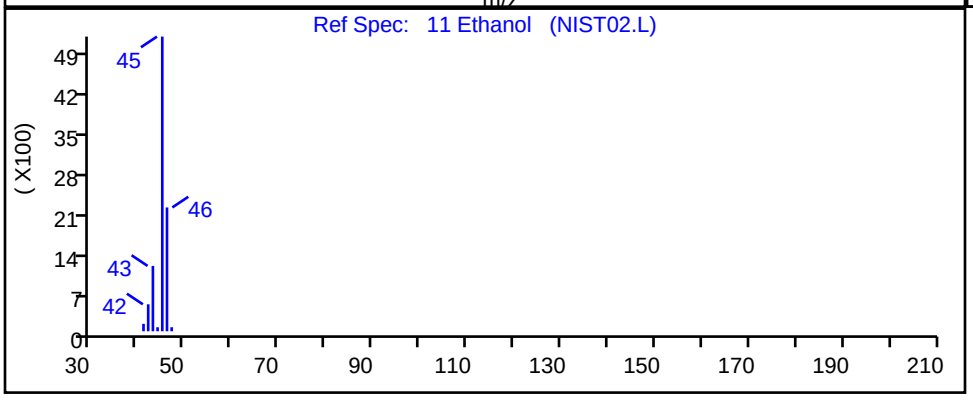
Processing Results











RT	Mass	Response	Amount
2.63	46.00	69	21.224116
2.65	45.00	150	

Reviewer: martineze, 14-Mar-2019 12:39:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

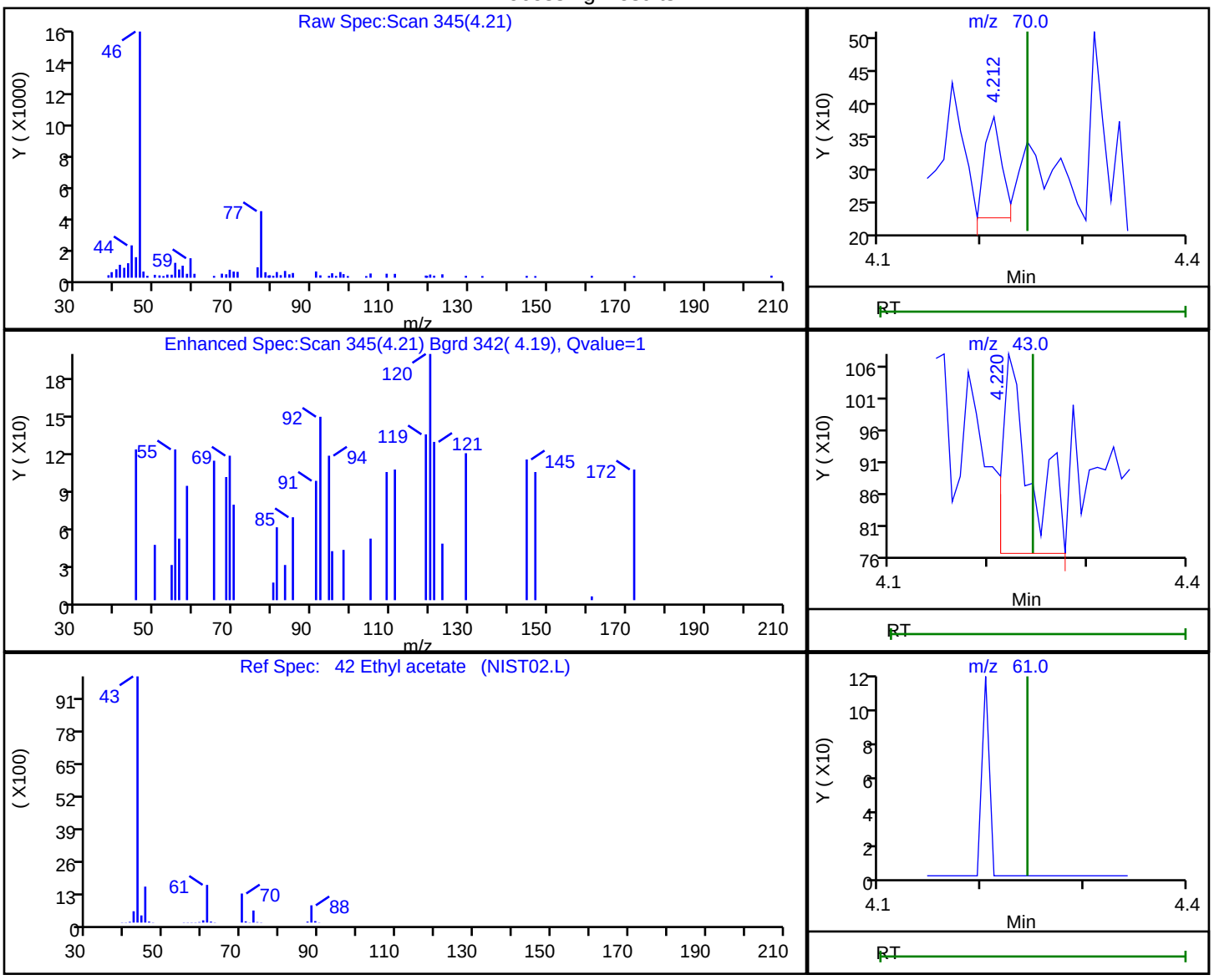
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.21	70.00	181	0.913816
4.22	43.00	615	
4.26	61.00	0	

Reviewer: martineze, 14-Mar-2019 12:40:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

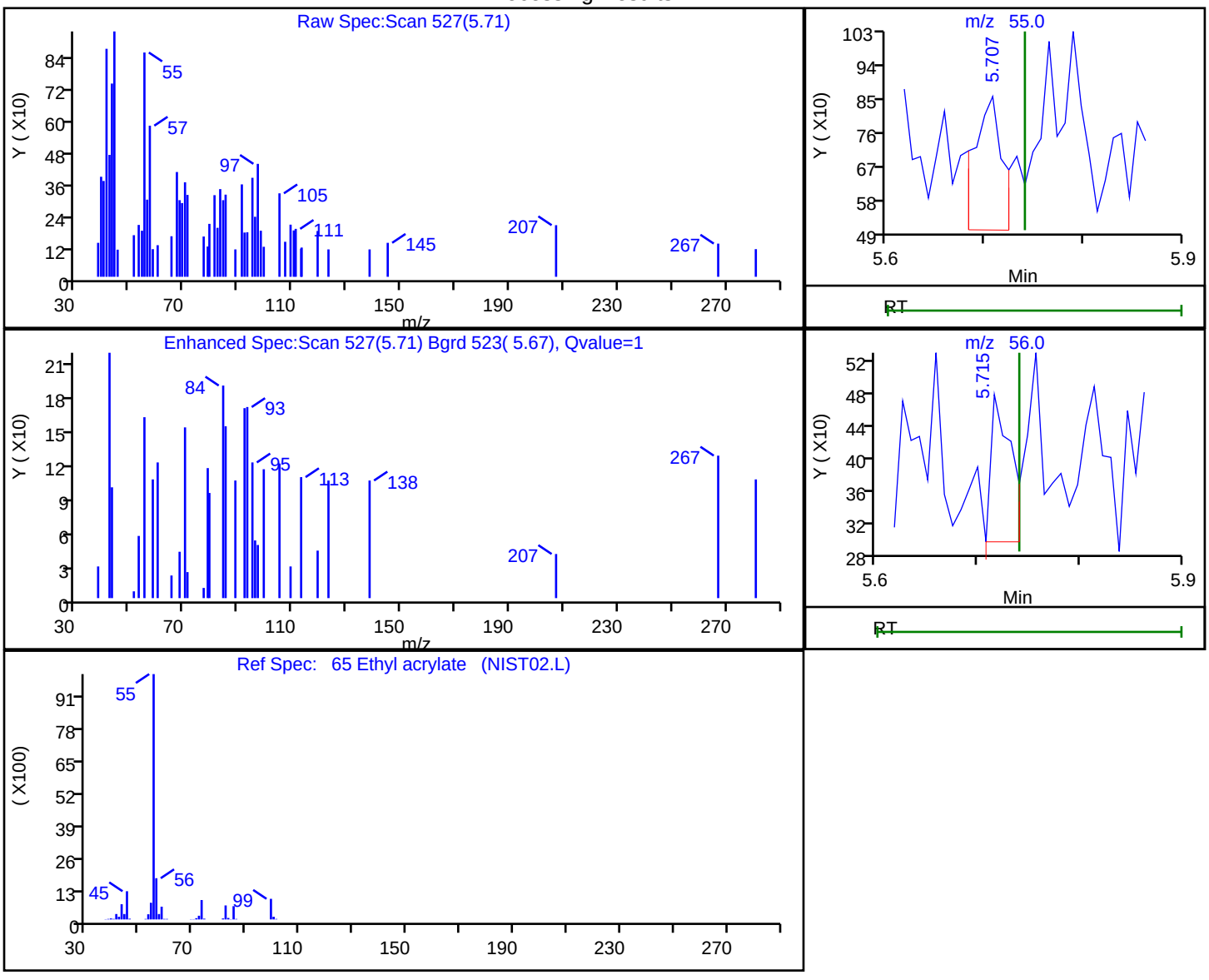
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
5.71	55.00	723	0.116840
5.72	56.00	253	

Reviewer: martineze, 14-Mar-2019 12:40:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

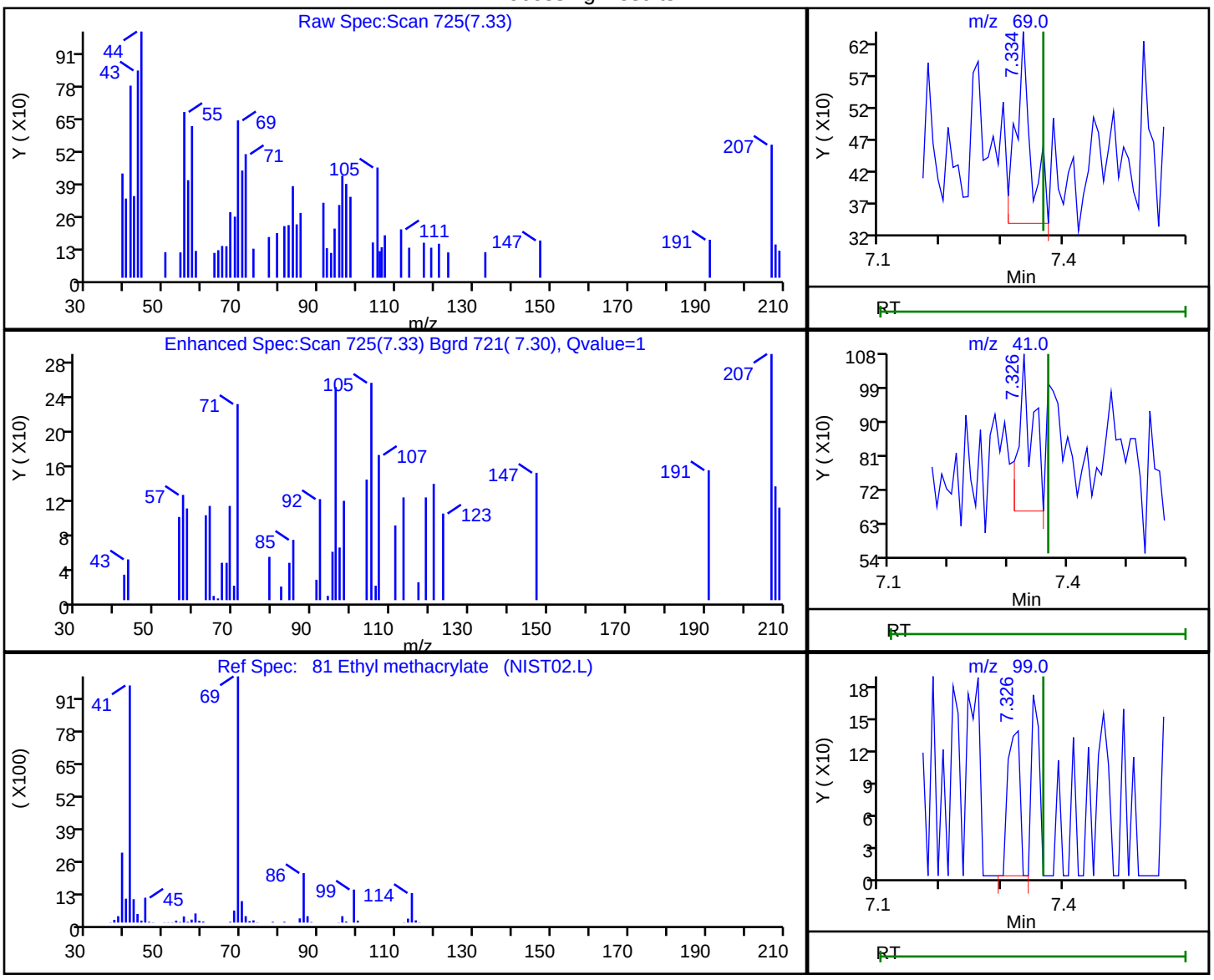
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

81 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
7.33	69.00	496	0.132873
7.33	41.00	676	
7.33	99.00	181	

Reviewer: martineze, 14-Mar-2019 12:40:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

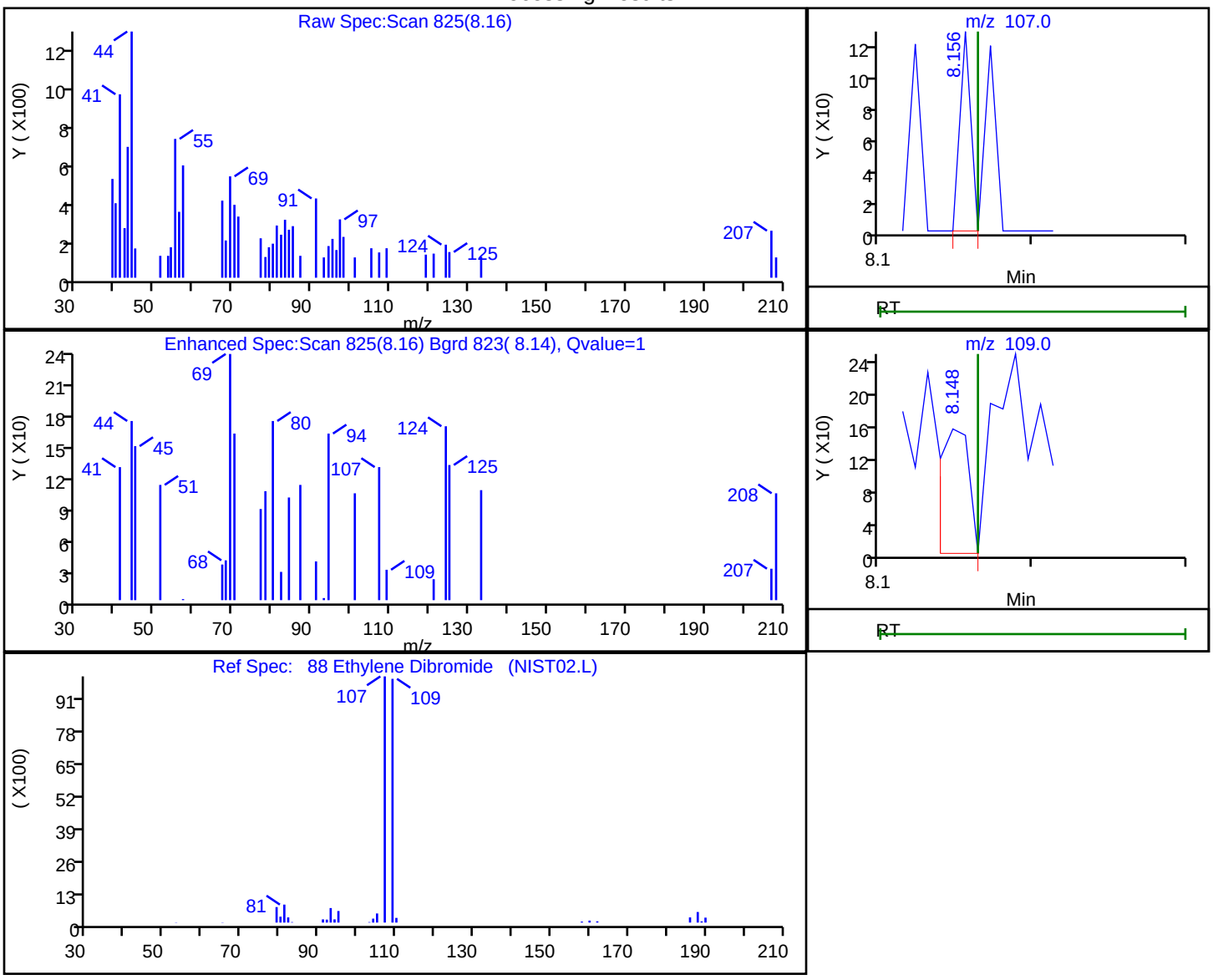
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 Ethylene Dibromide, CAS: 106-93-4

Processing Results



RT	Mass	Response	Amount
8.16	107.00	63	0.038231
8.15	109.00	209	

Reviewer: martineze, 14-Mar-2019 12:40:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

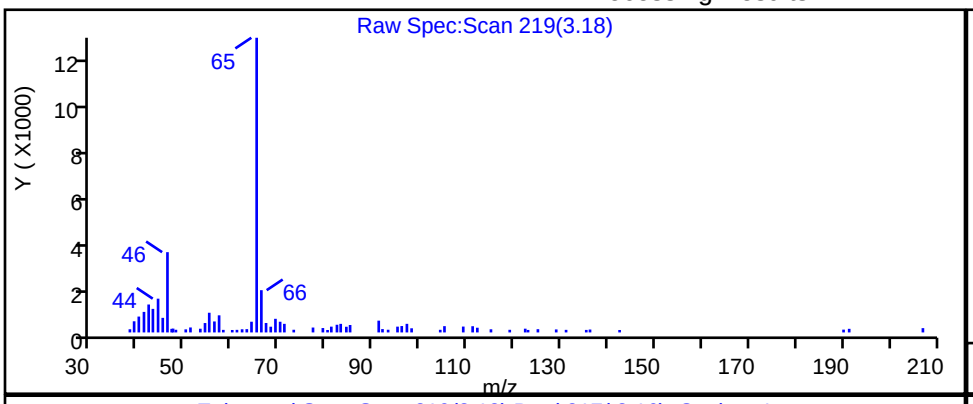
User Disabled Compound Report

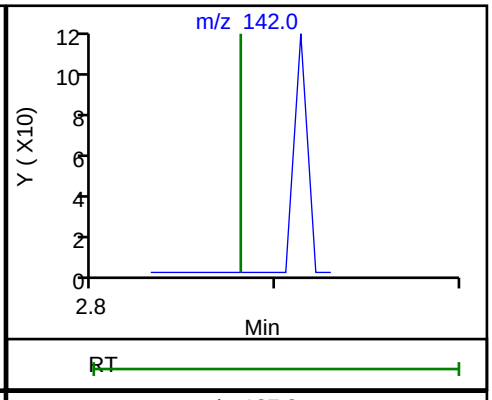
TestAmerica Edison

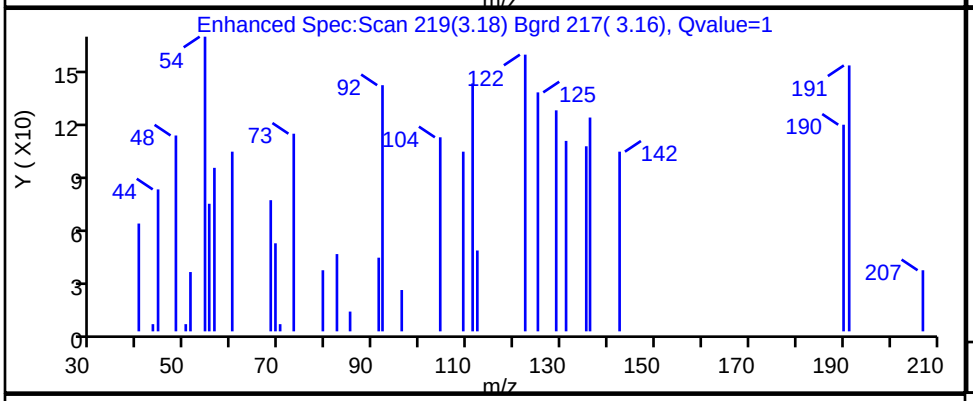
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

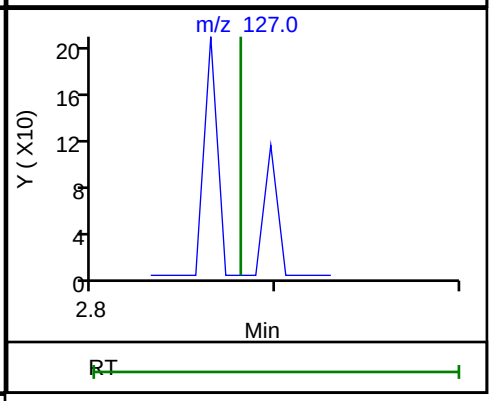
19 Iodomethane, CAS: 74-88-4

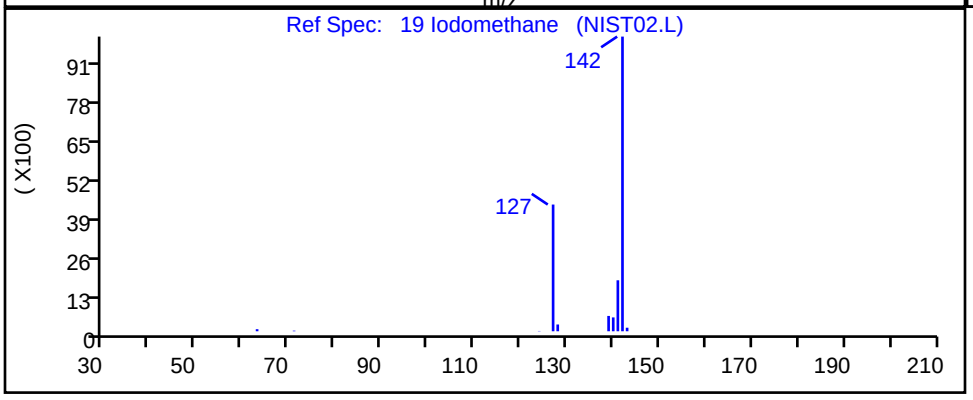
Processing Results











RT	Mass	Response	Amount
3.18	142.00	49	0.010921
3.18	127.00	60	

Reviewer: martineze, 14-Mar-2019 12:39:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

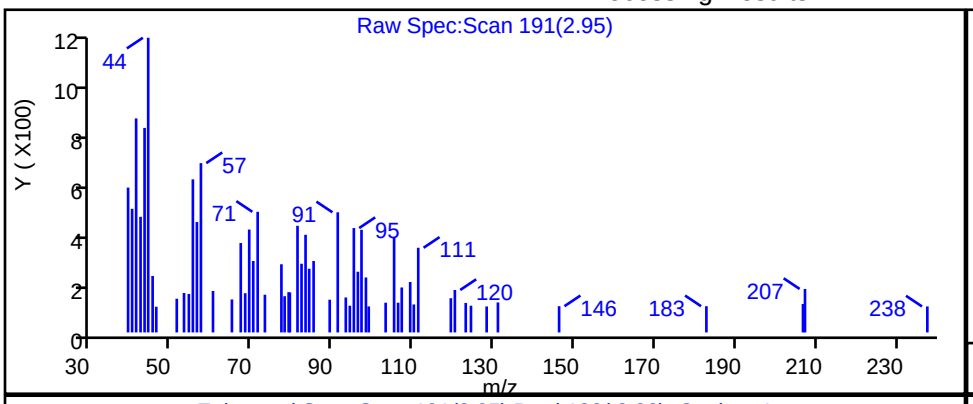
User Disabled Compound Report

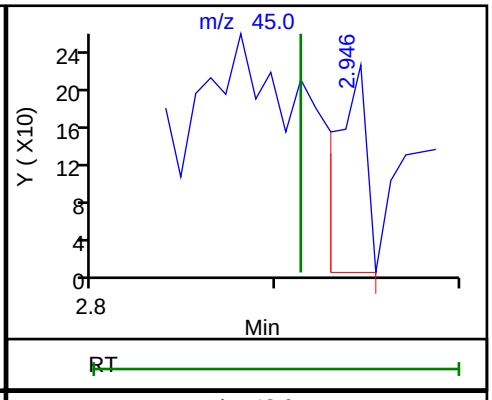
TestAmerica Edison

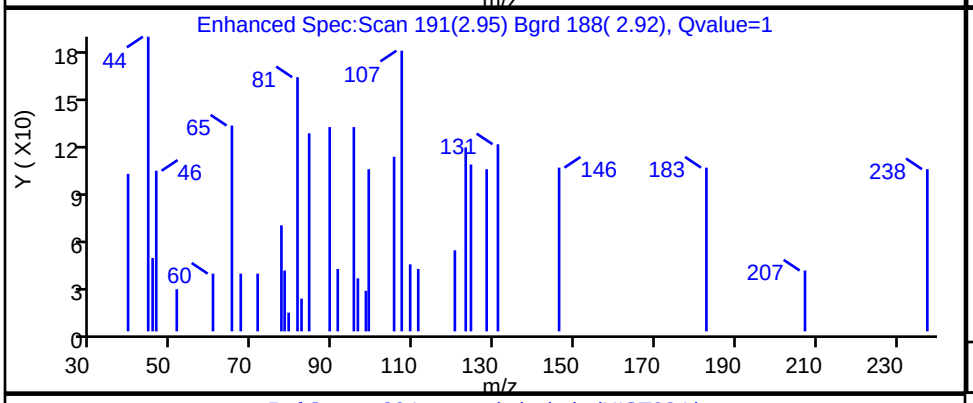
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

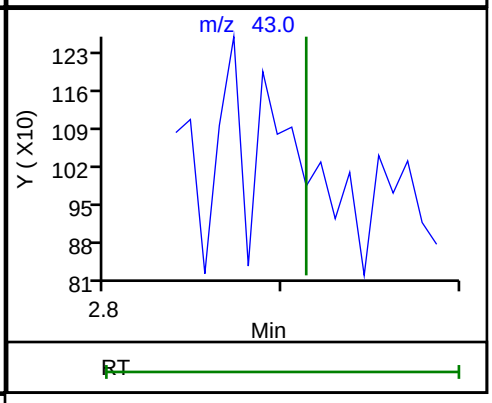
20 Isopropyl alcohol, CAS: 67-63-0

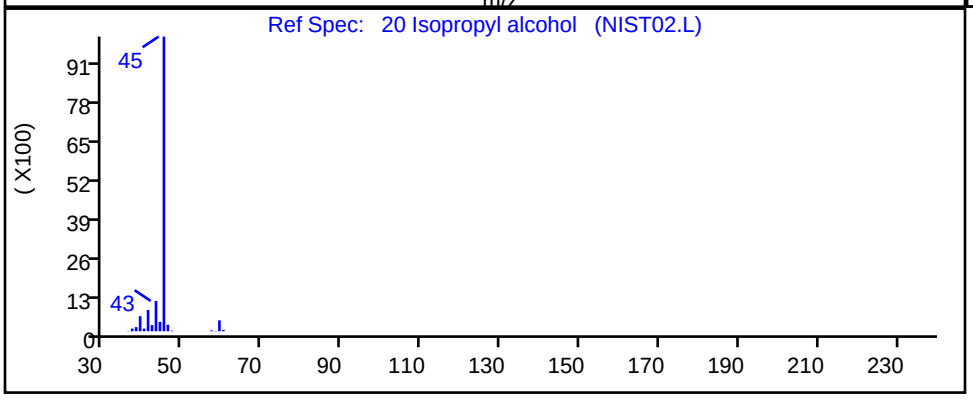
Processing Results











RT	Mass	Response	Amount
2.95	45.00	264	2.881756
2.94	43.00	0	

Reviewer: martineze, 14-Mar-2019 12:39:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

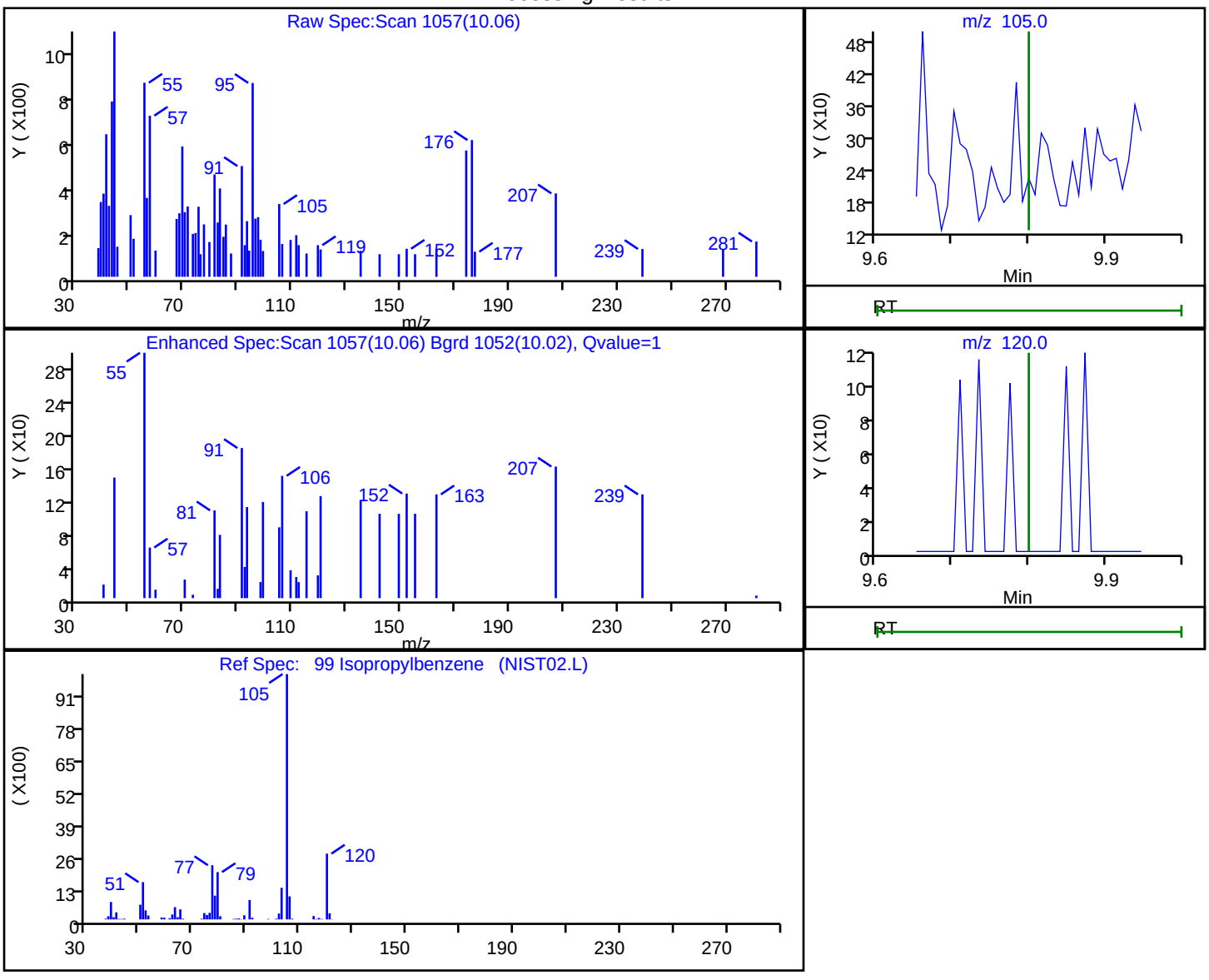
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

99 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
10.06	105.00	233	0.020420
10.06	120.00	60	

Reviewer: martineze, 14-Mar-2019 12:40:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

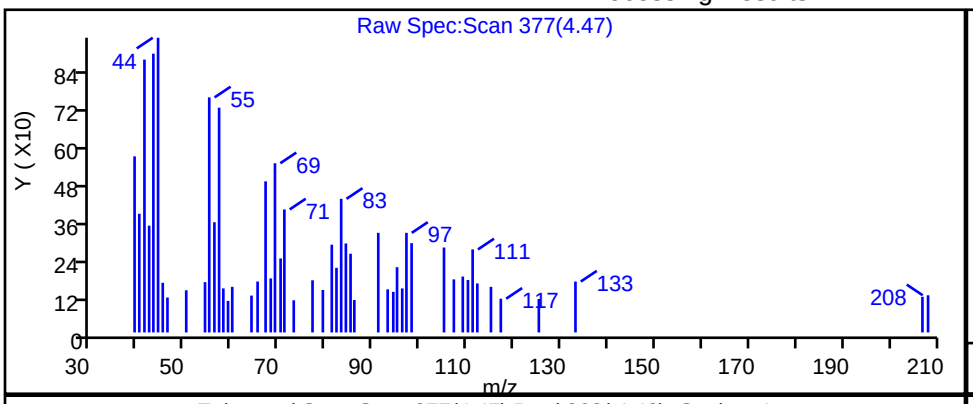
User Disabled Compound Report

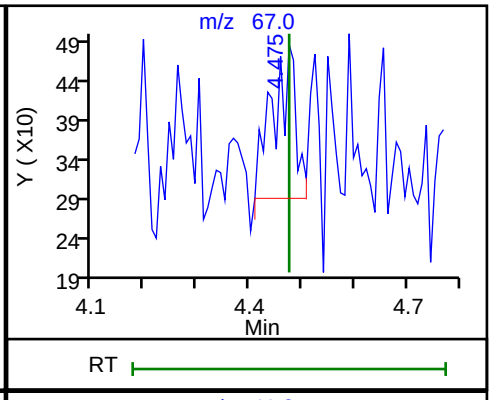
TestAmerica Edison

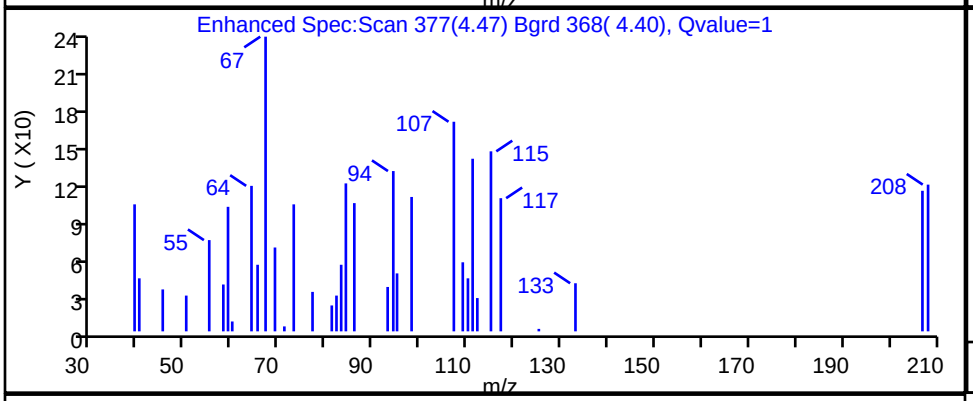
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

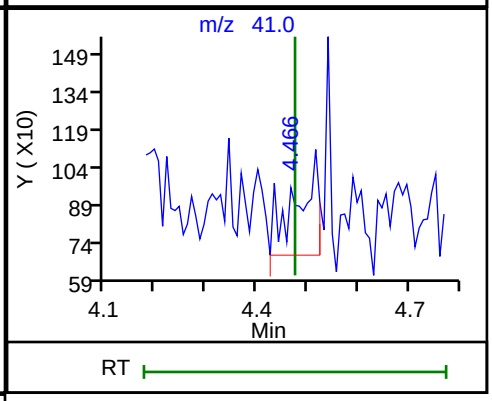
47 Methacrylonitrile, CAS: 126-98-7

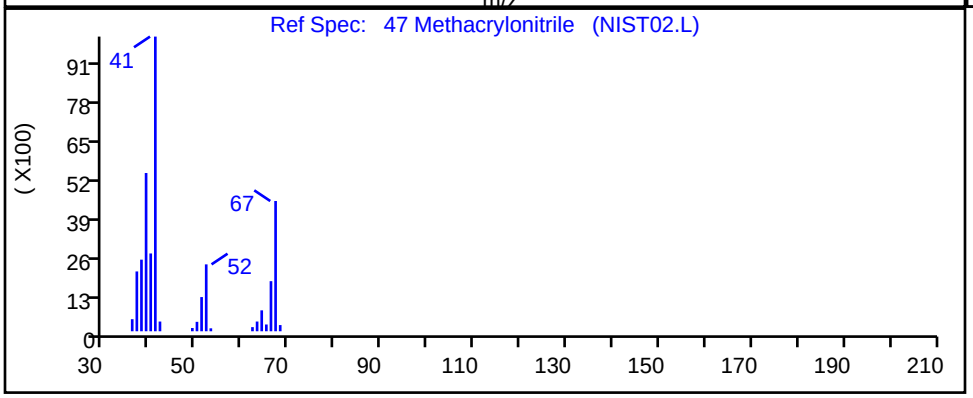
Processing Results











RT	Mass	Response	Amount
4.47	67.00	606	0.784796
4.47	41.00	1228	

Reviewer: martineze, 14-Mar-2019 12:40:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

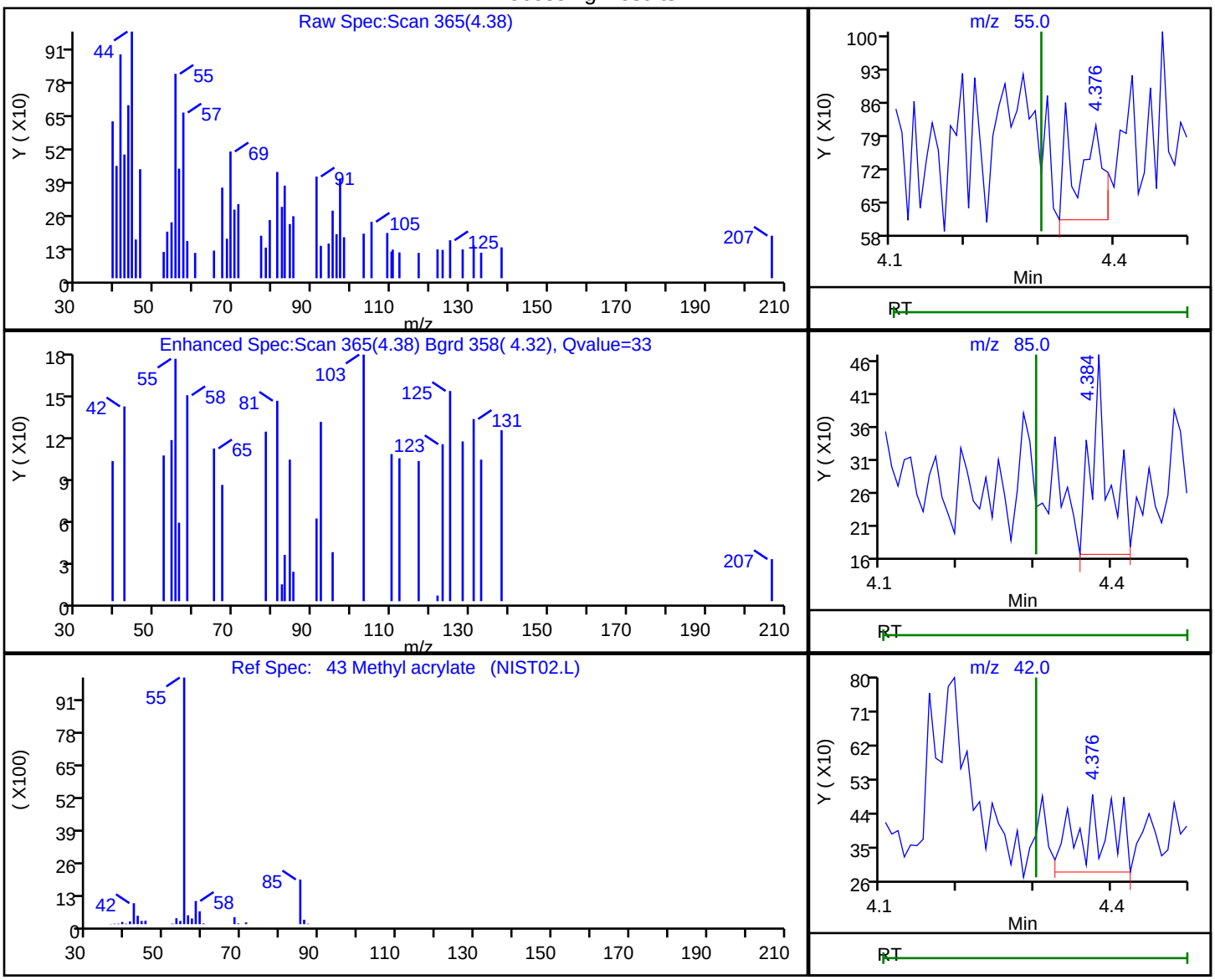
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
4.38	55.00	500	0.317800
4.38	85.00	481	
4.38	42.00	613	

Reviewer: martineze, 14-Mar-2019 12:40:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

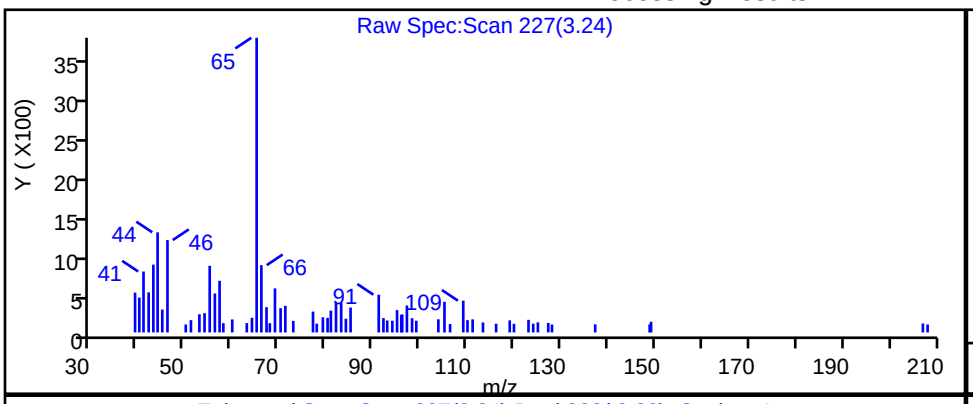
User Disabled Compound Report

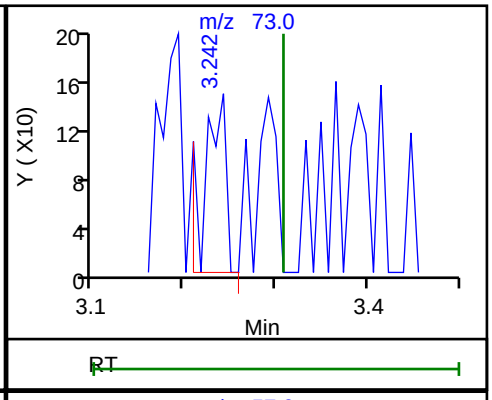
TestAmerica Edison

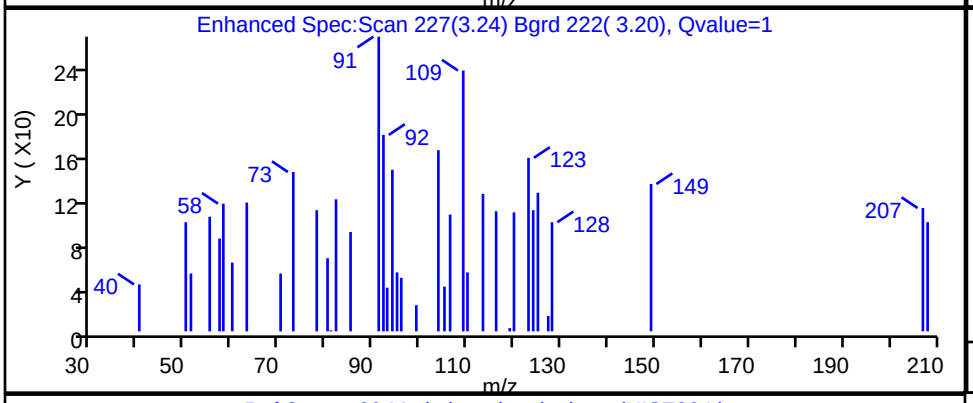
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

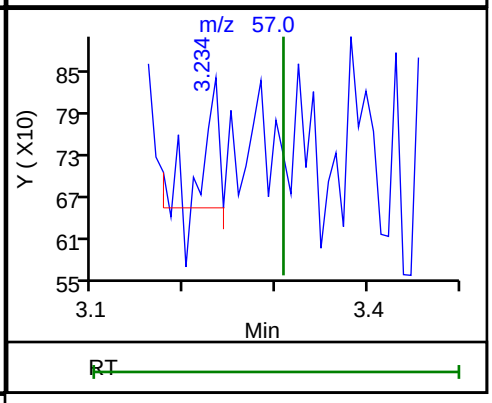
29 Methyl tert-butyl ether, CAS: 1634-04-4

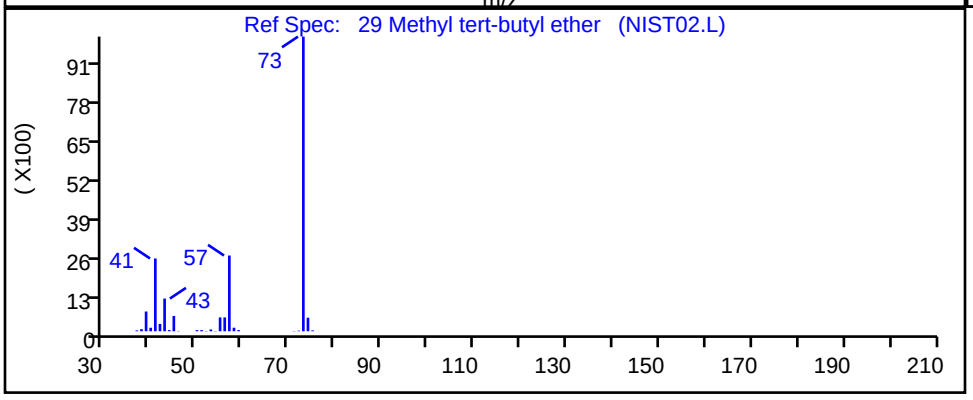
Processing Results











RT	Mass	Response	Amount
3.24	73.00	238	0.038577
3.23	57.00	208	

Reviewer: martineze, 14-Mar-2019 12:39:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

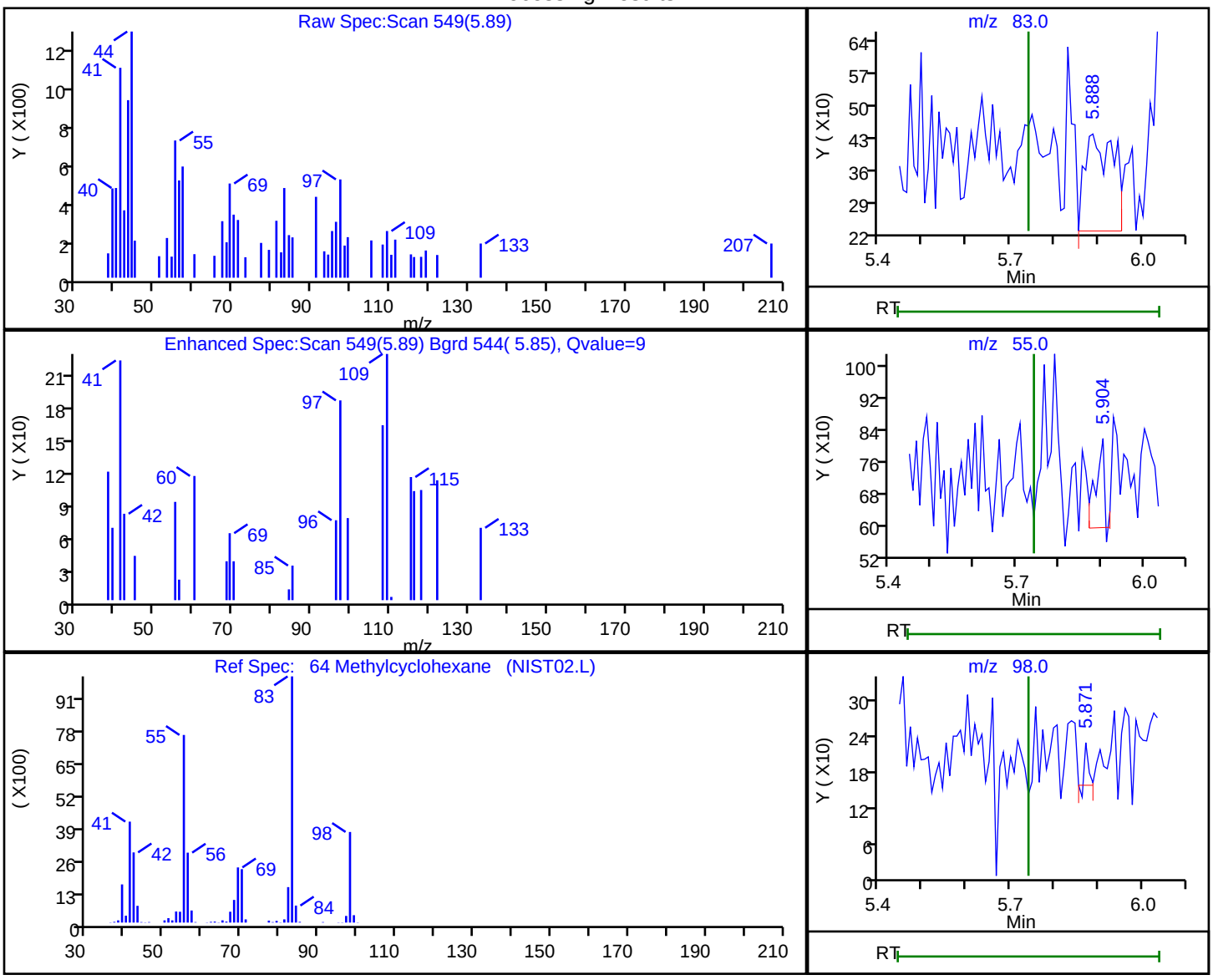
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.89	83.00	966	0.210610
5.90	55.00	323	
5.87	98.00	38	

Reviewer: martineze, 14-Mar-2019 12:40:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

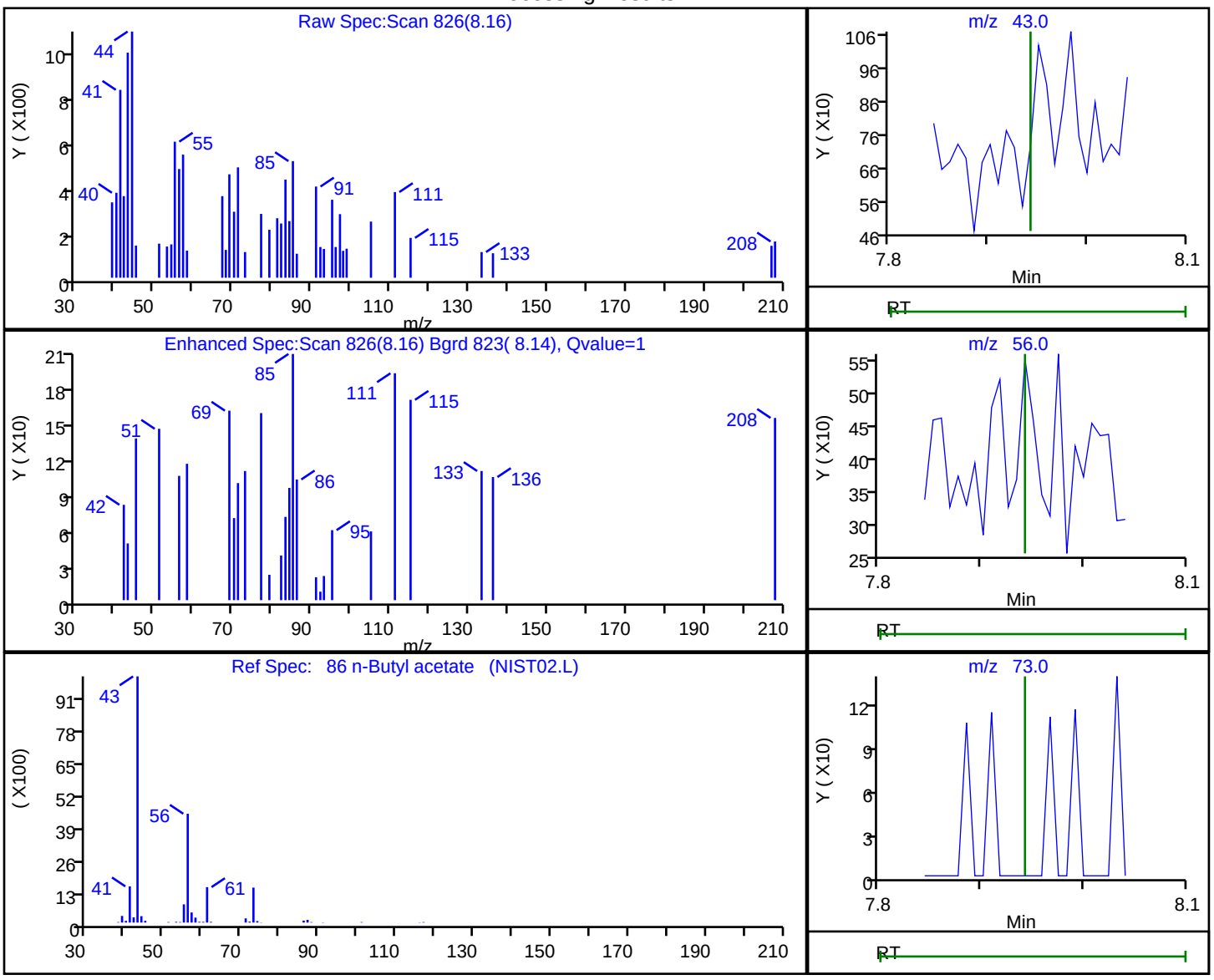
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
8.16	43.00	367	0.116598
8.15	56.00	914	
8.18	73.00	163	

Reviewer: martineze, 14-Mar-2019 12:40:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

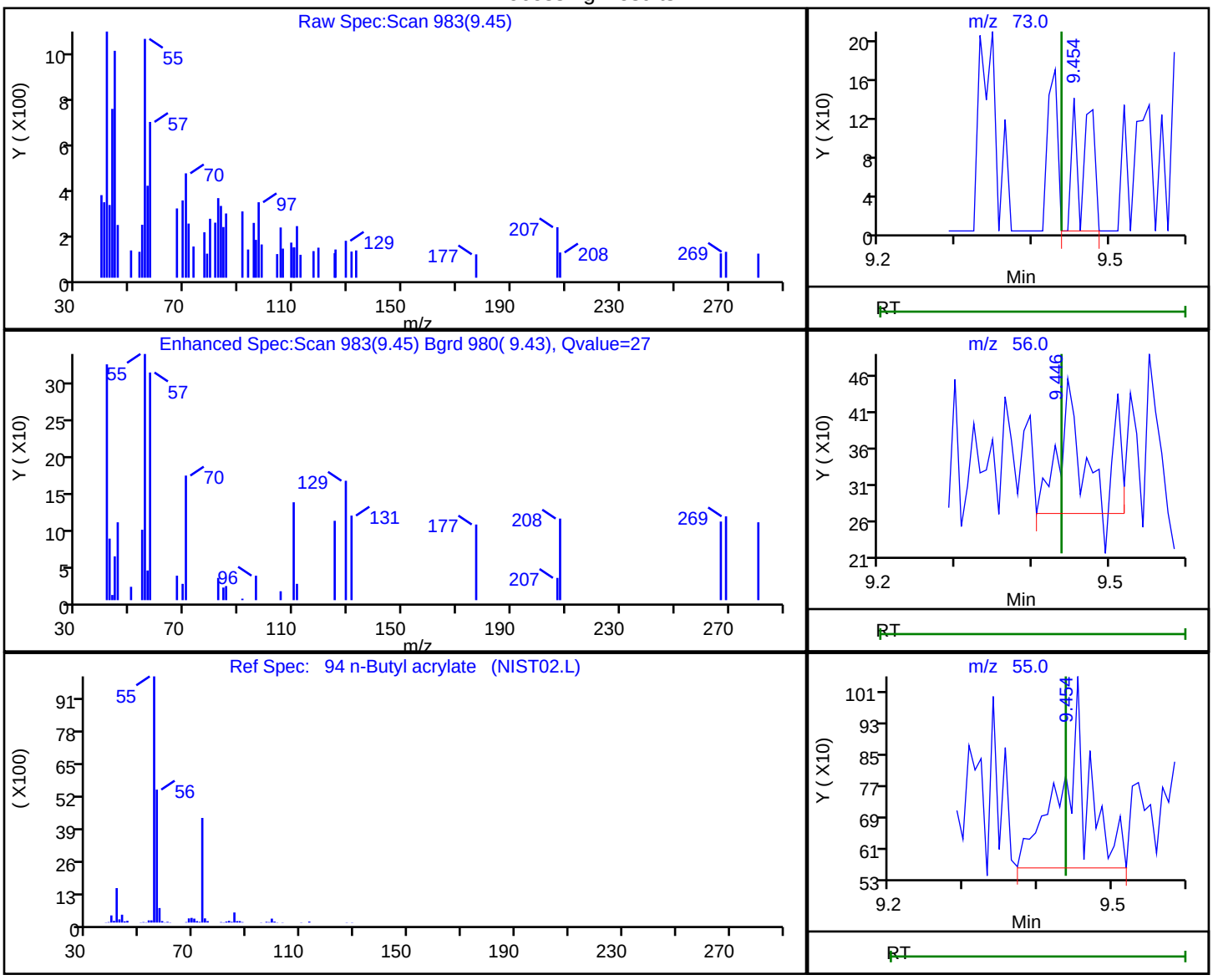
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

94 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
9.45	73.00	187	0.097821
9.45	56.00	486	
9.45	55.00	1246	

Reviewer: martineze, 14-Mar-2019 12:40:40
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

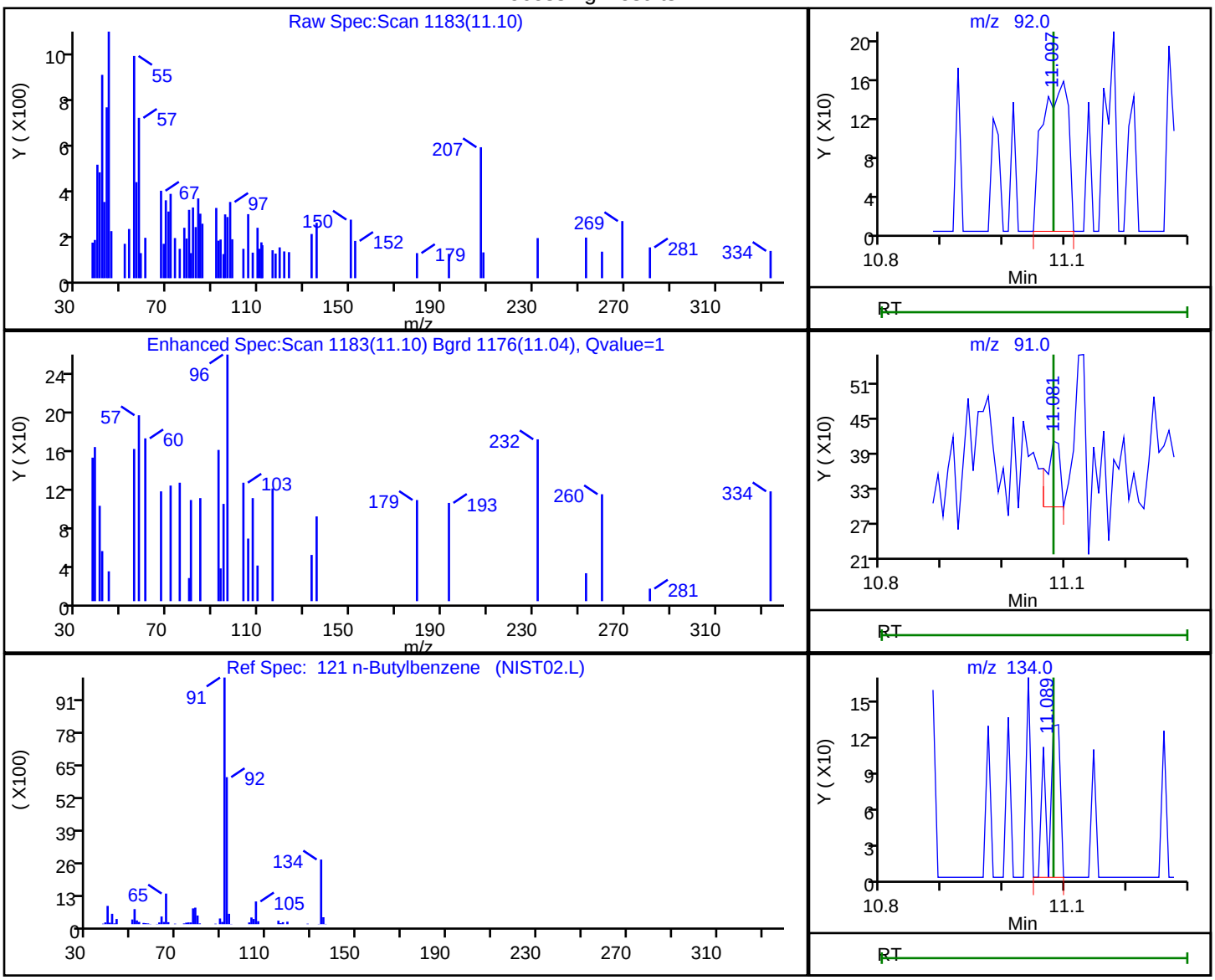
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

121 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.10	92.00	453	0.070606
11.08	91.00	167	
11.09	134.00	173	

Reviewer: martineze, 14-Mar-2019 12:41:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

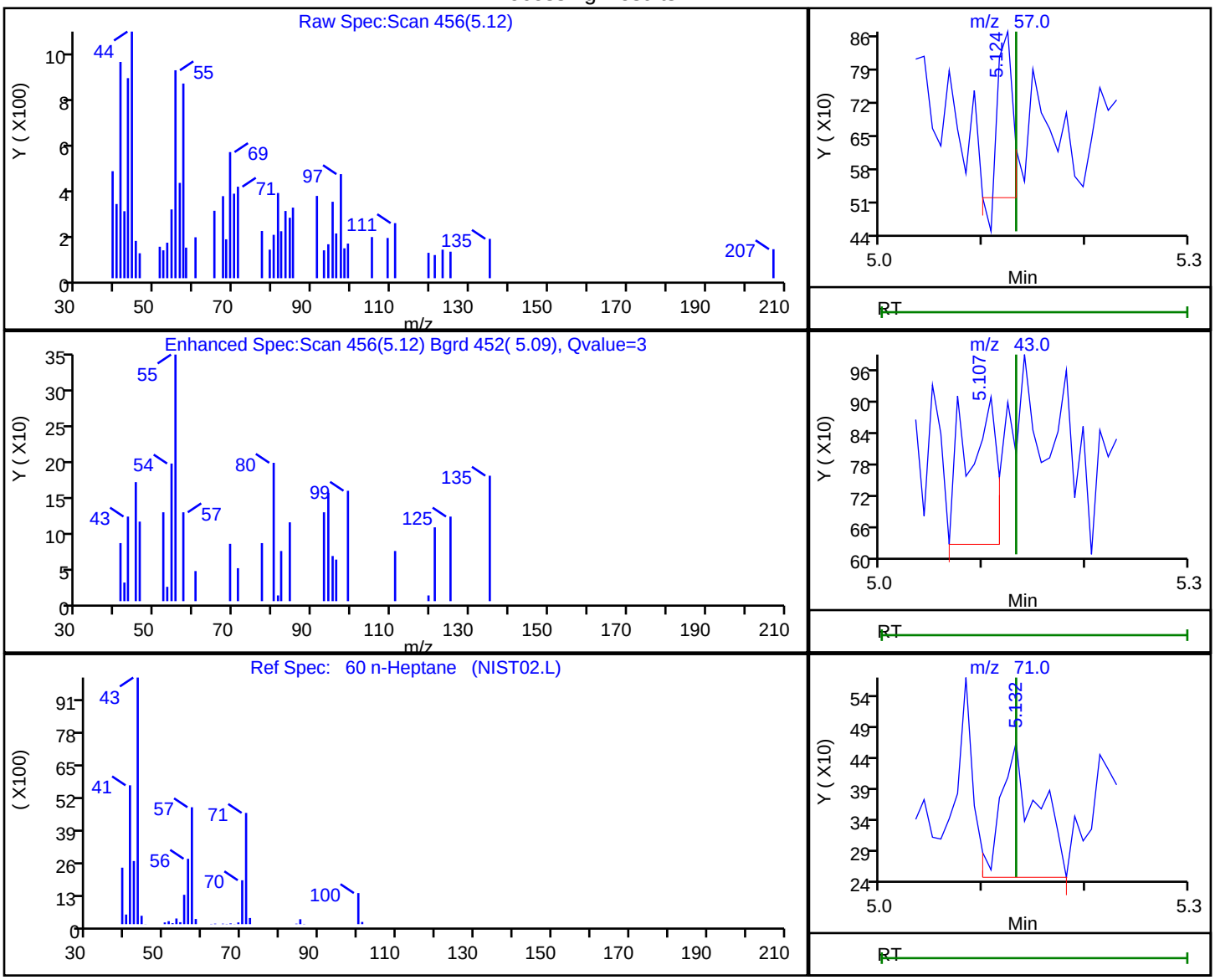
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.12	57.00	334	0.140598
5.11	43.00	580	
5.13	71.00	544	

Reviewer: martineze, 14-Mar-2019 12:40:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

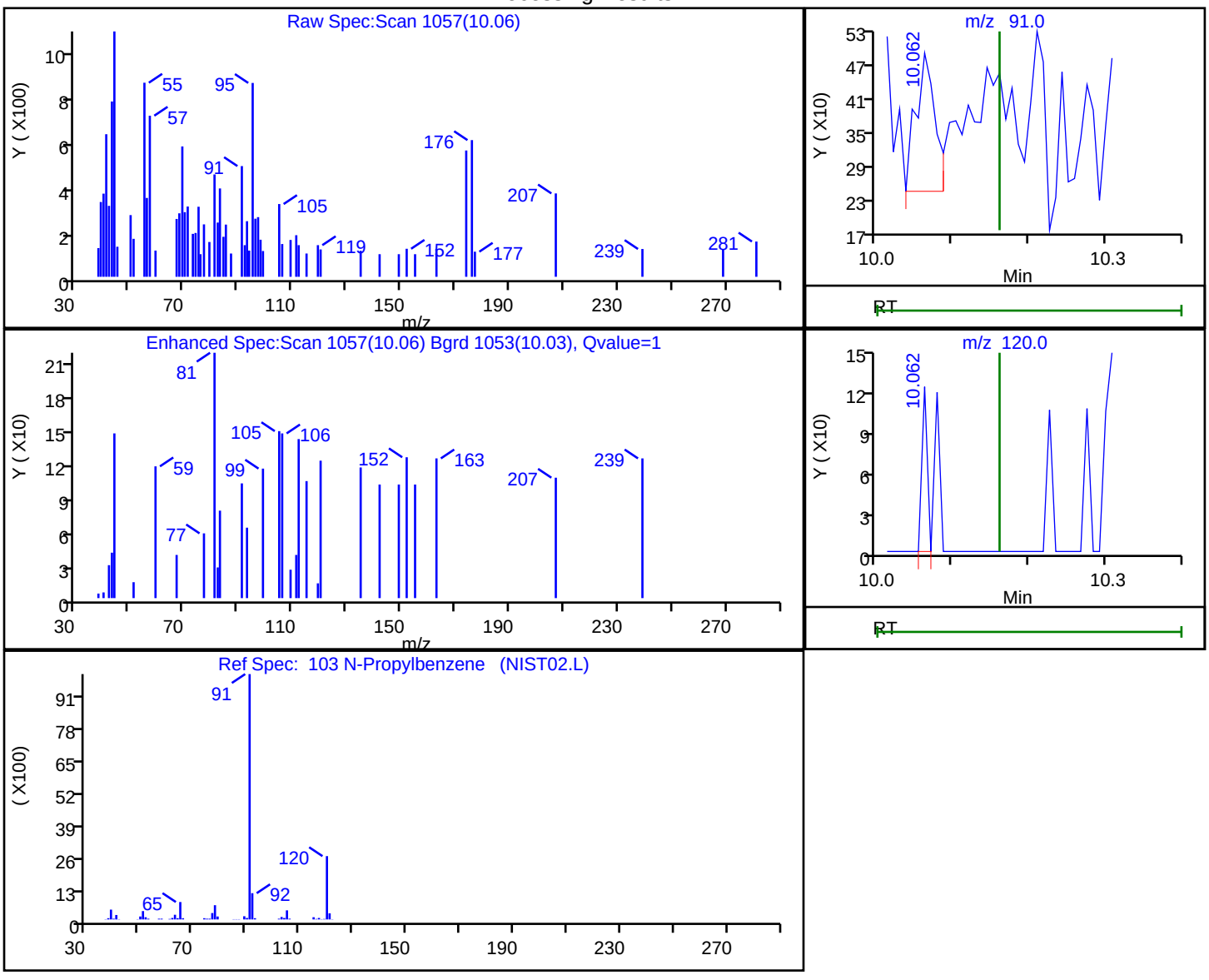
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
10.06	91.00	441	0.034237
10.06	120.00	60	

Reviewer: martineze, 14-Mar-2019 12:40:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

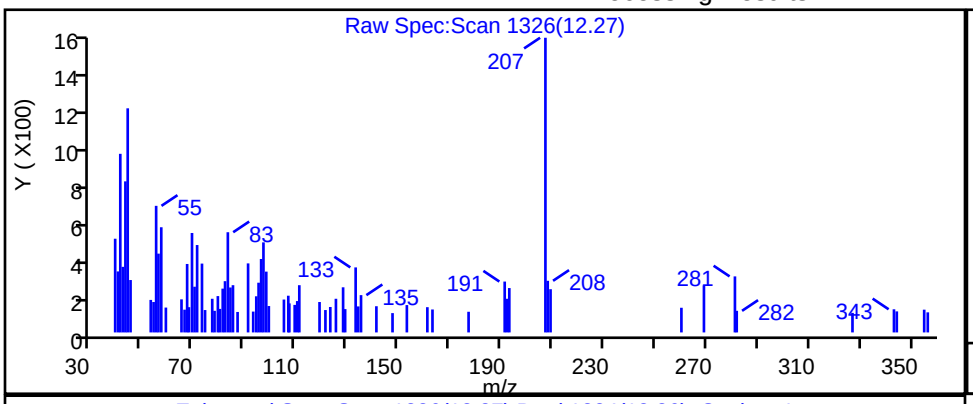
User Disabled Compound Report

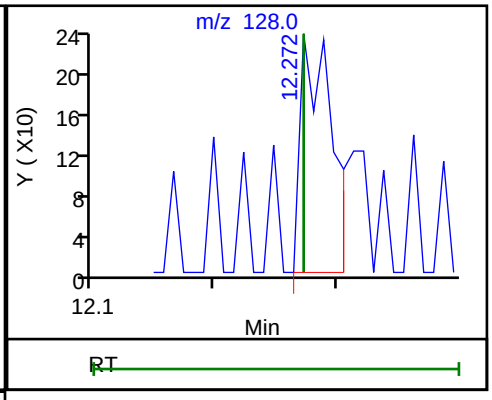
TestAmerica Edison

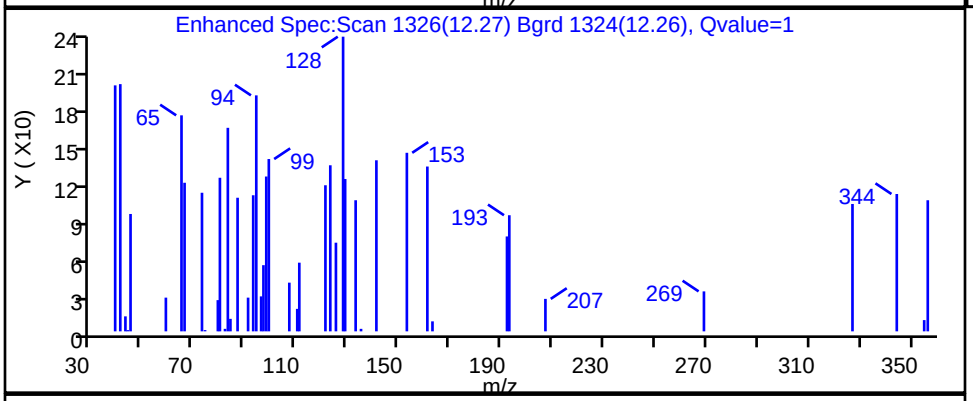
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

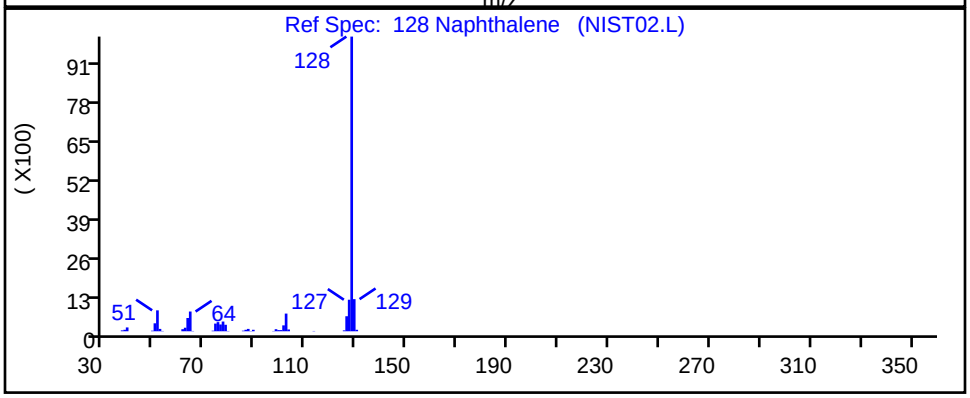
128 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
12.27	128.00	417	0.041596

Reviewer: martineze, 14-Mar-2019 12:41:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

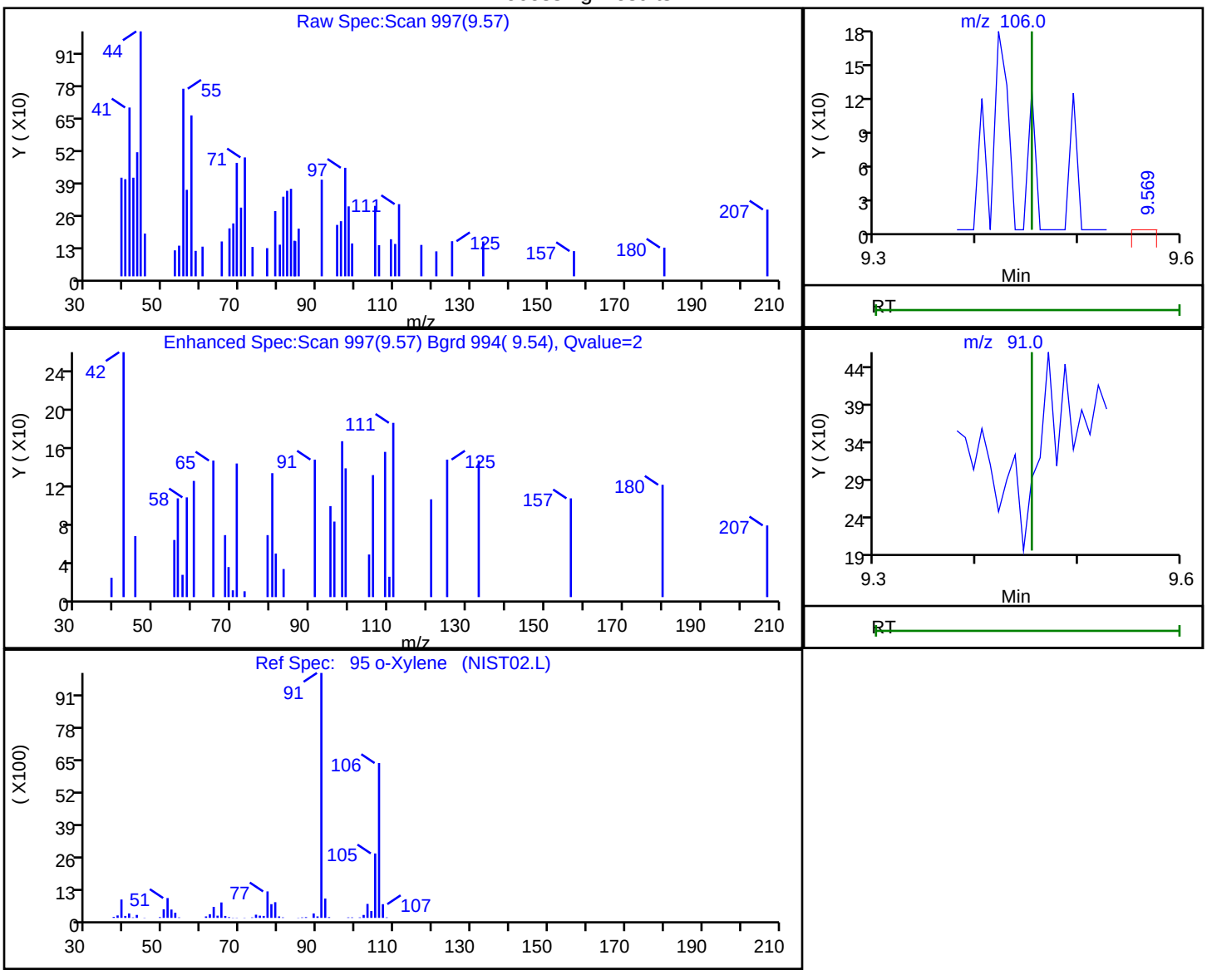
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
9.57	106.00	120	0.026985
9.57	91.00	250	

Reviewer: martineze, 14-Mar-2019 12:40:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

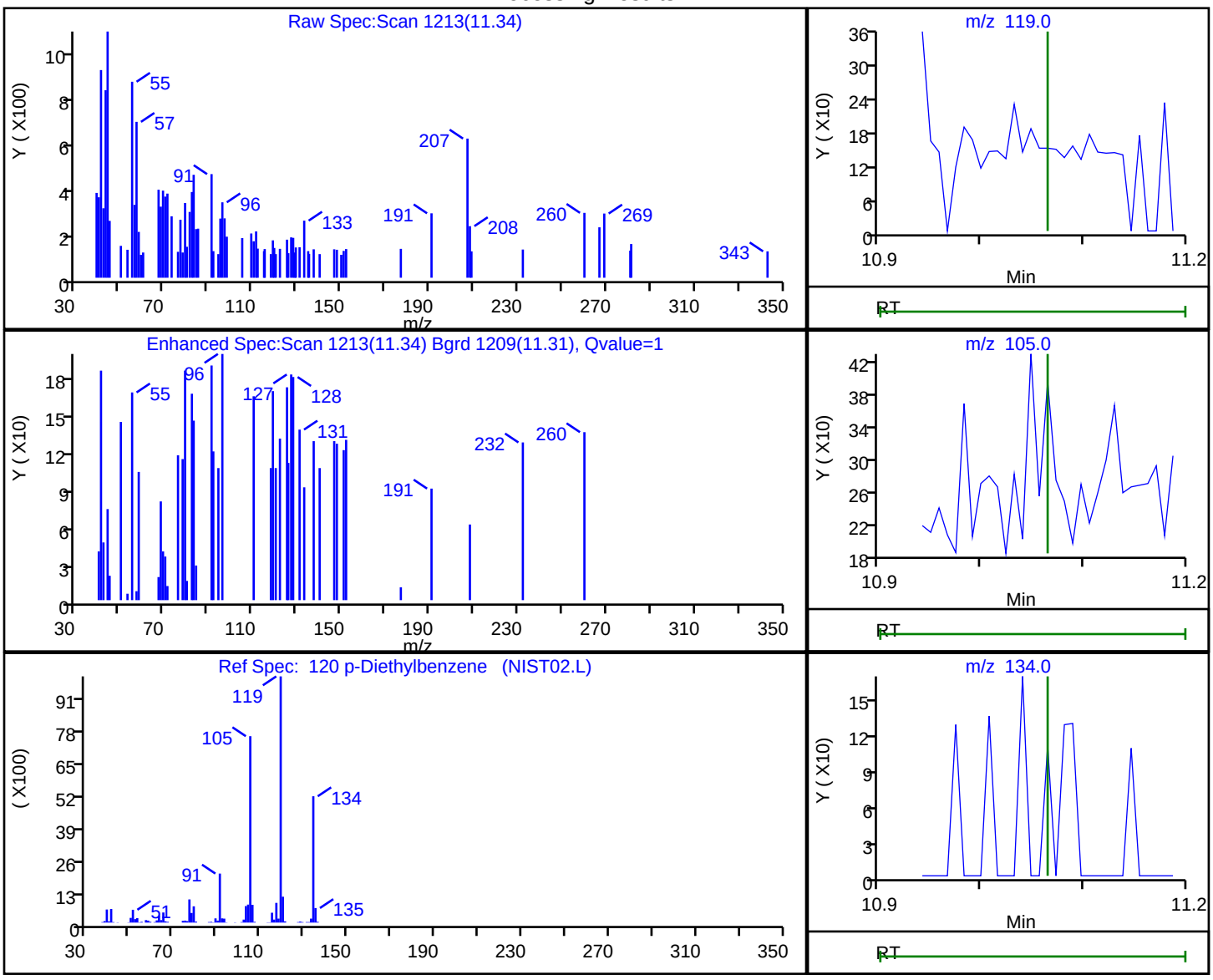
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

120 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
11.34	119.00	357	0.063809
11.34	105.00	259	
11.36	134.00	55	

Reviewer: martineze, 14-Mar-2019 12:41:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

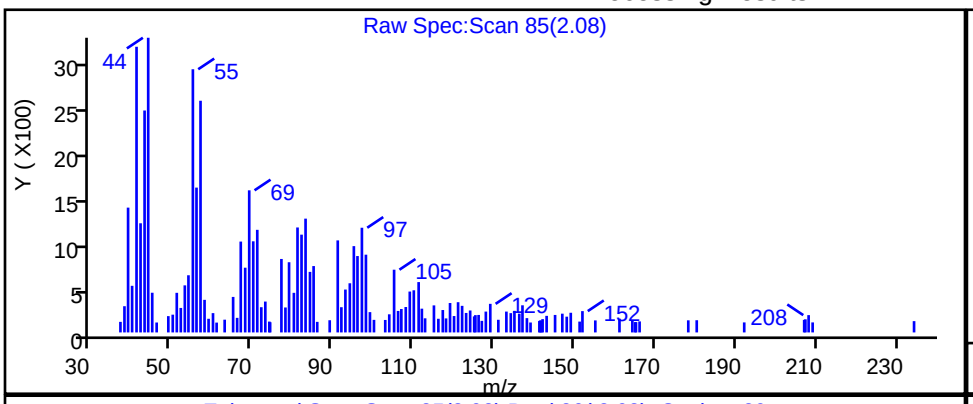
User Disabled Compound Report

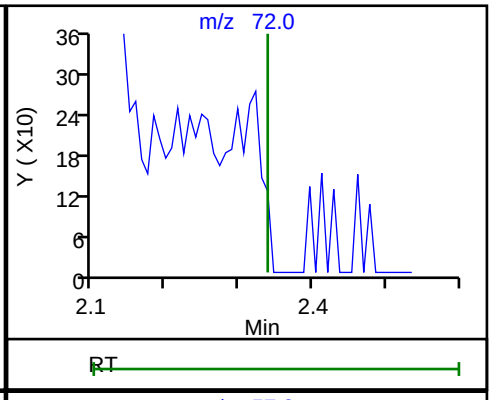
TestAmerica Edison

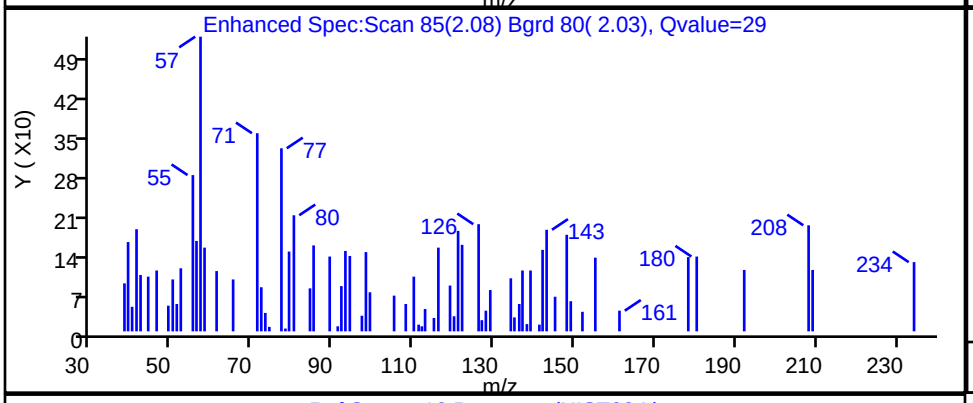
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

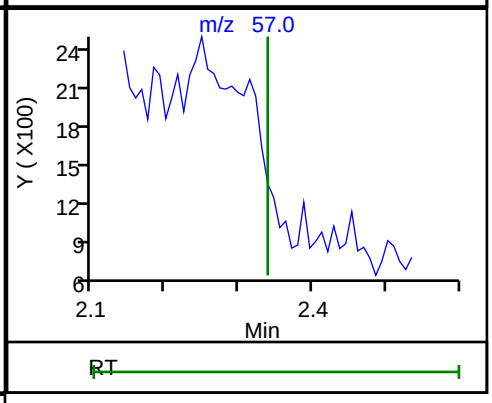
10 Pentane, CAS: 109-66-0

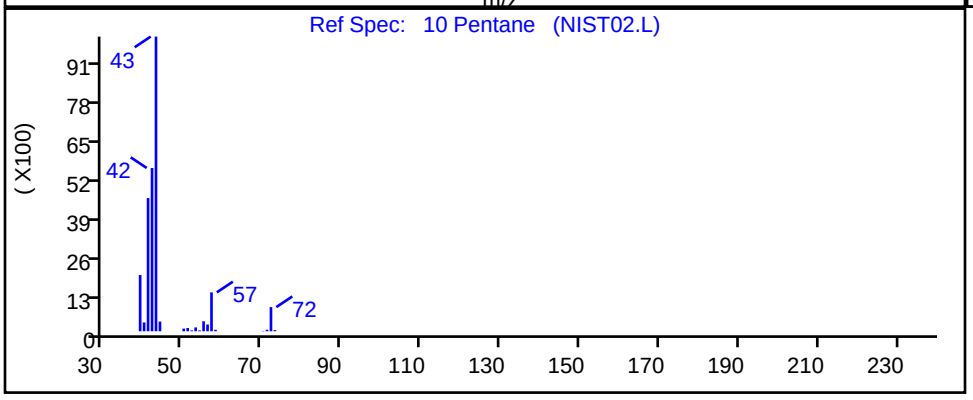
Processing Results











RT	Mass	Response	Amount
2.08	72.00	867	2.612272
2.08	57.00	15882	

Reviewer: martineze, 14-Mar-2019 12:39:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

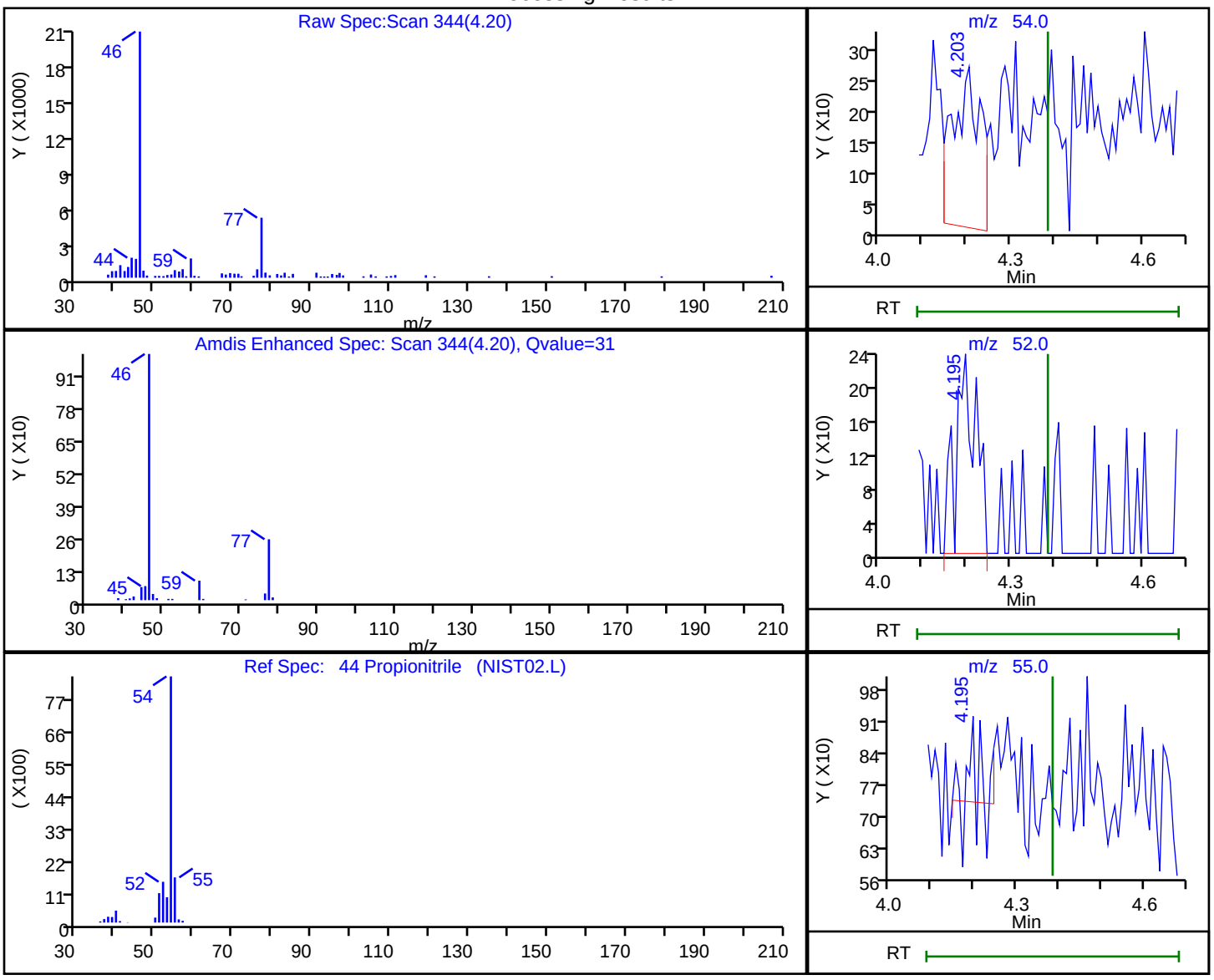
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.20	54.00	1162	11.647651
4.20	52.00	775	
4.20	55.00	229	

Reviewer: martineze, 14-Mar-2019 12:40:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

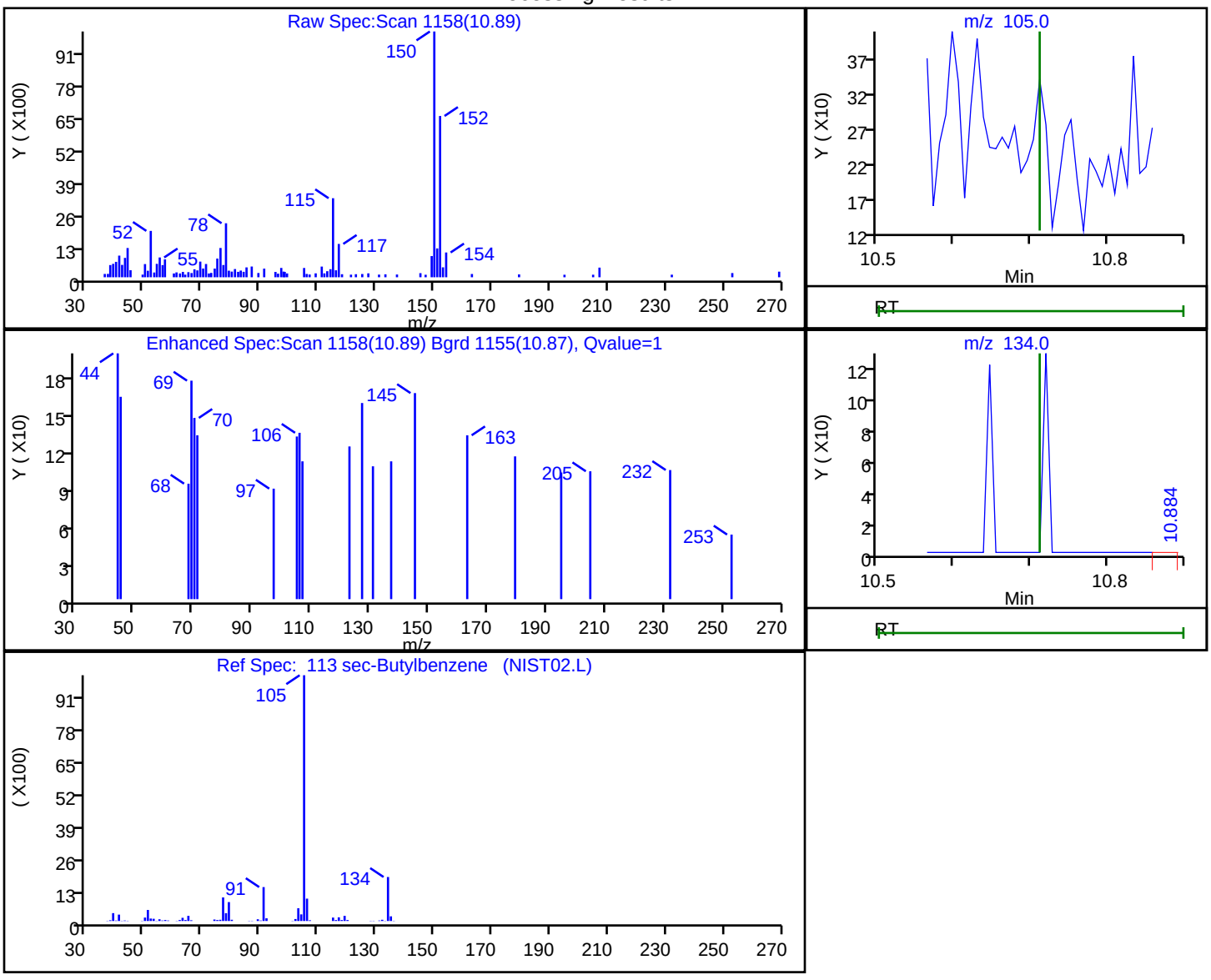
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

113 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.89	105.00	392	0.032602
10.88	134.00	213	

Reviewer: martineze, 14-Mar-2019 12:40:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

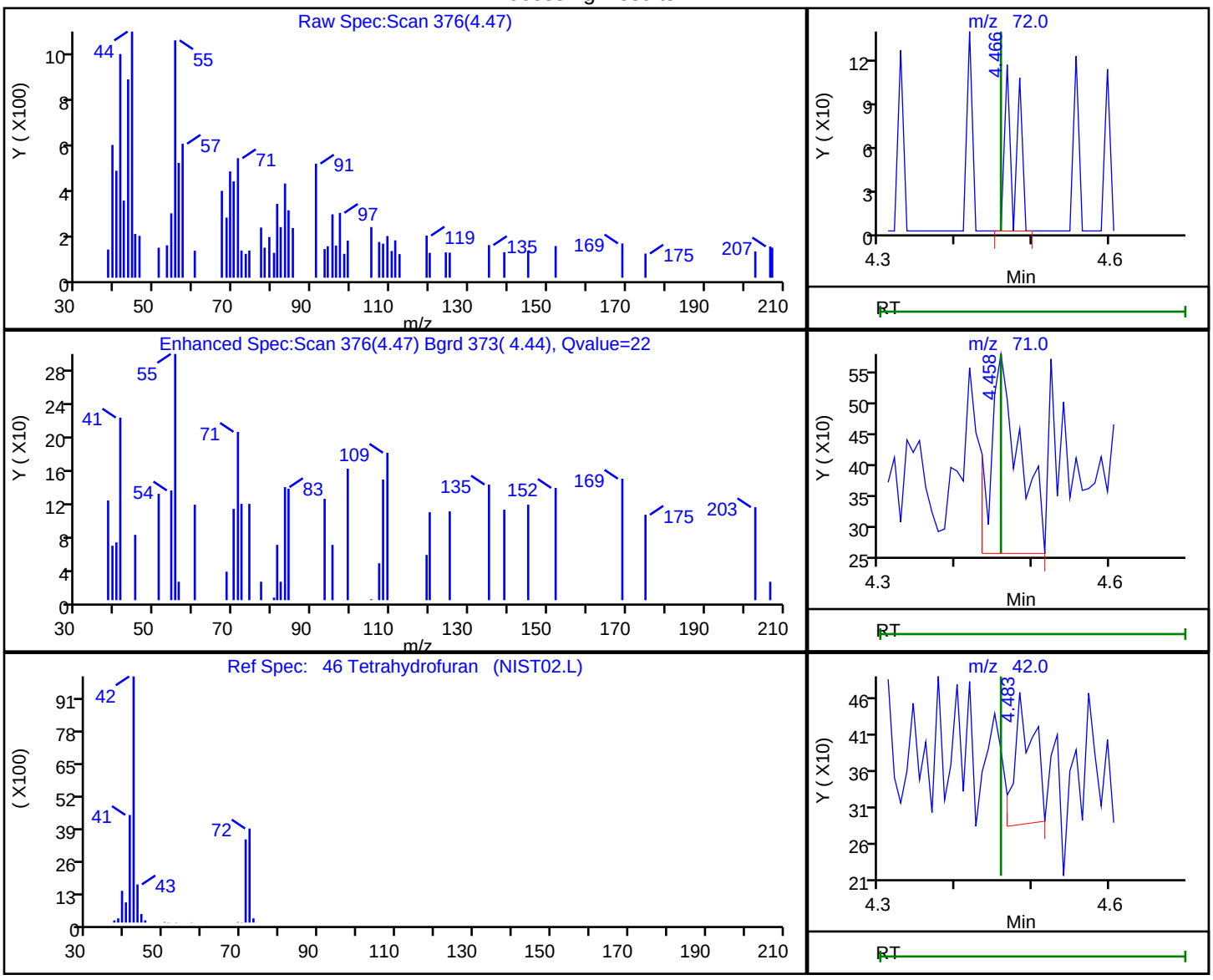
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
4.47	72.00	109	0.433917
4.46	71.00	844	
4.48	42.00	310	

Reviewer: martineze, 14-Mar-2019 12:40:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

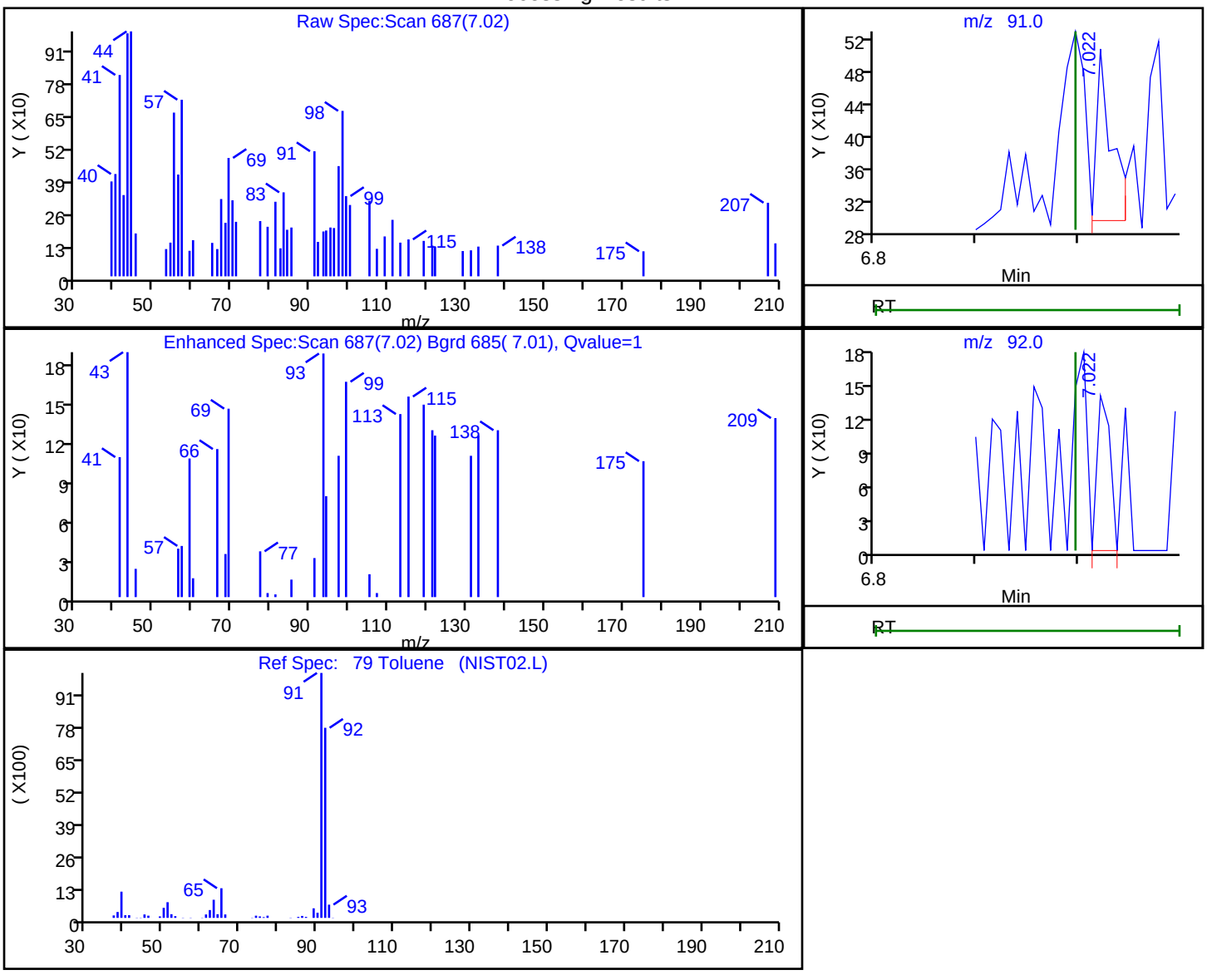
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
7.02	91.00	212	0.020170
7.02	92.00	124	

Reviewer: martineze, 14-Mar-2019 12:40:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

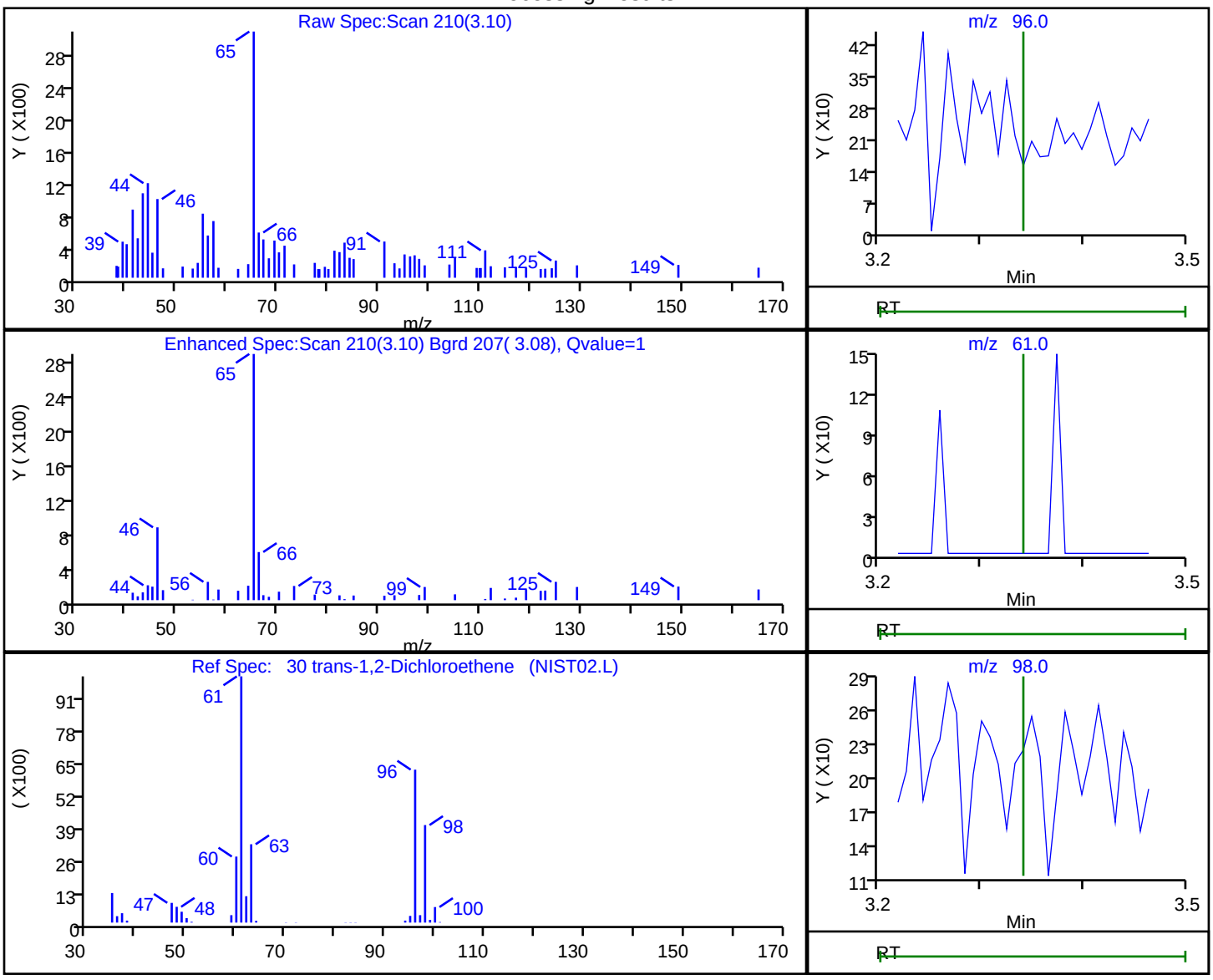
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.10	96.00	158	0.062159
3.12	61.00	49	
3.11	98.00	145	

Reviewer: martineze, 14-Mar-2019 12:40:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

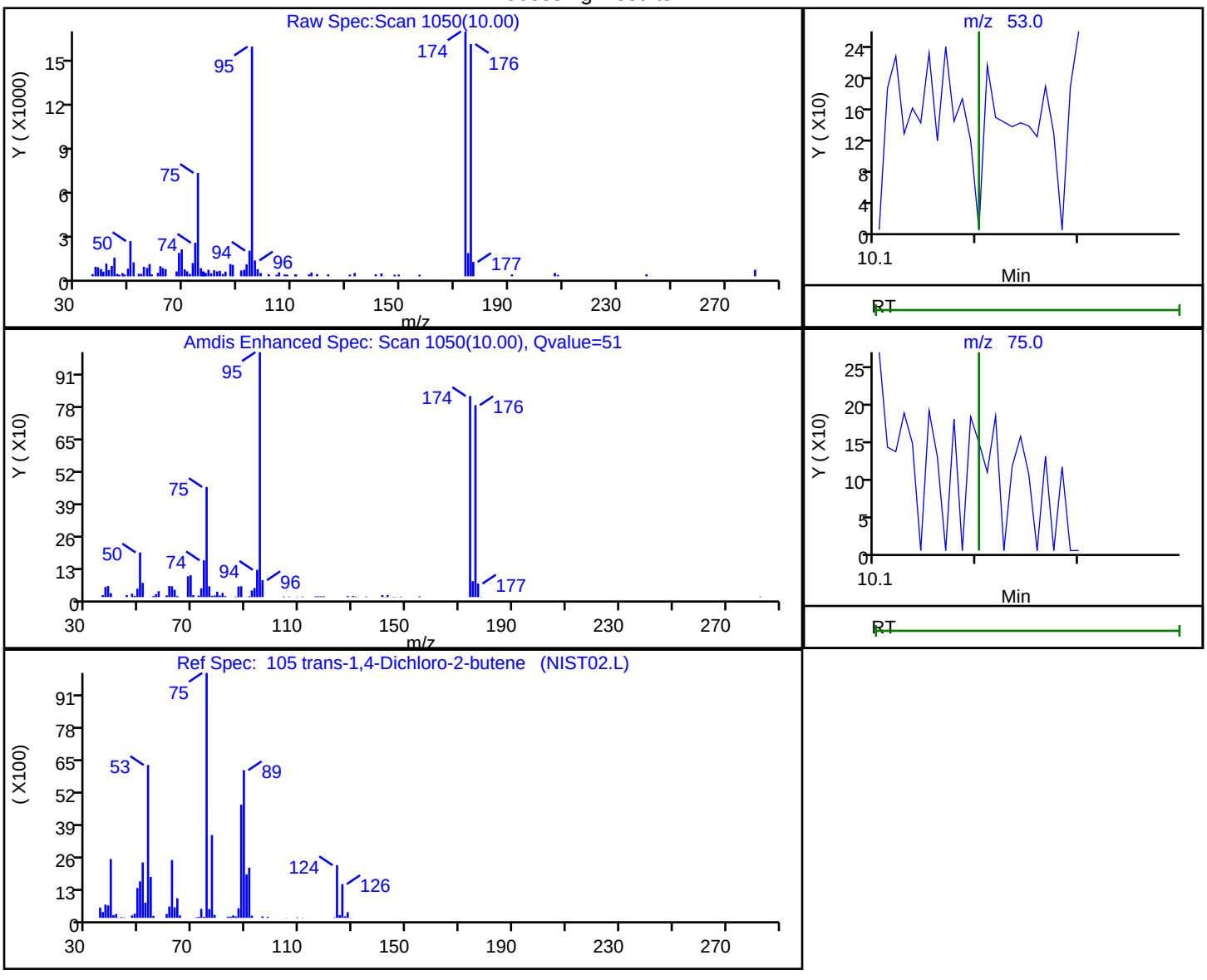
User Disabled Compound Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
10.00	53.00	271	0.628338
9.99	75.00	40160	

Reviewer: martineze, 14-Mar-2019 12:40:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

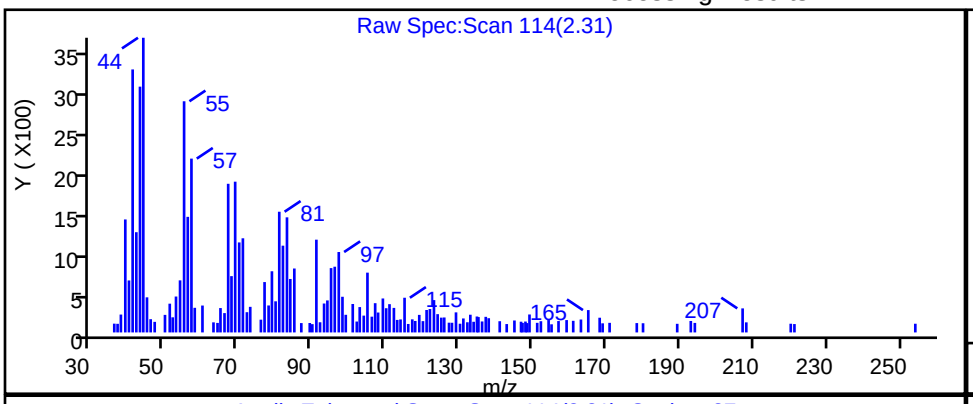
User Disabled Compound Report

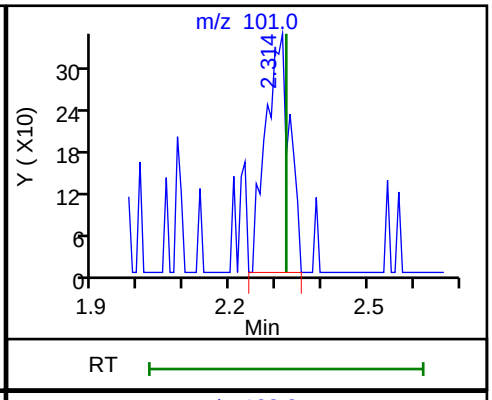
TestAmerica Edison

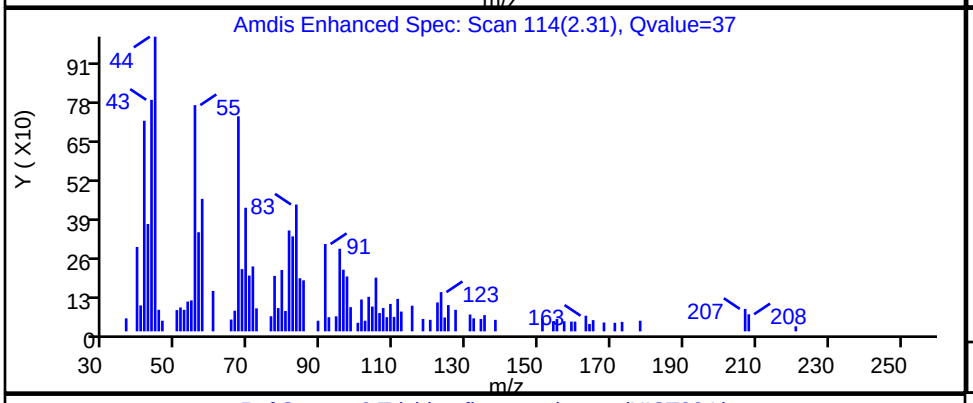
Data File:	\\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D		
Injection Date:	14-Mar-2019 10:51:30	Instrument ID:	CVOAMS6
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	4 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

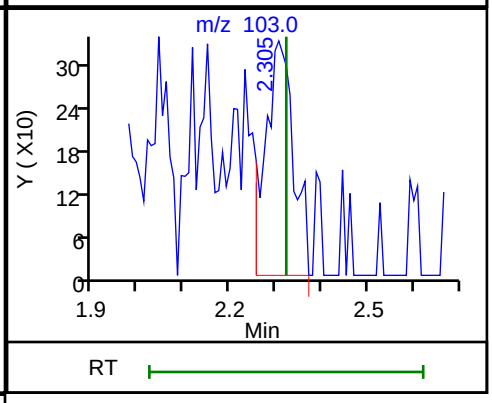
9 Trichlorofluoromethane, CAS: 75-69-4

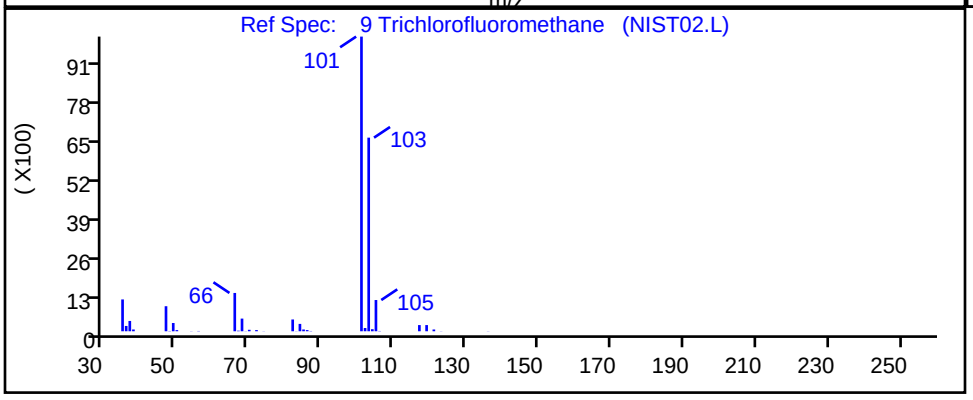
Processing Results











RT	Mass	Response	Amount
2.31	101.00	1277	0.285277
2.31	103.00	1400	

Reviewer: martineze, 14-Mar-2019 12:39:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

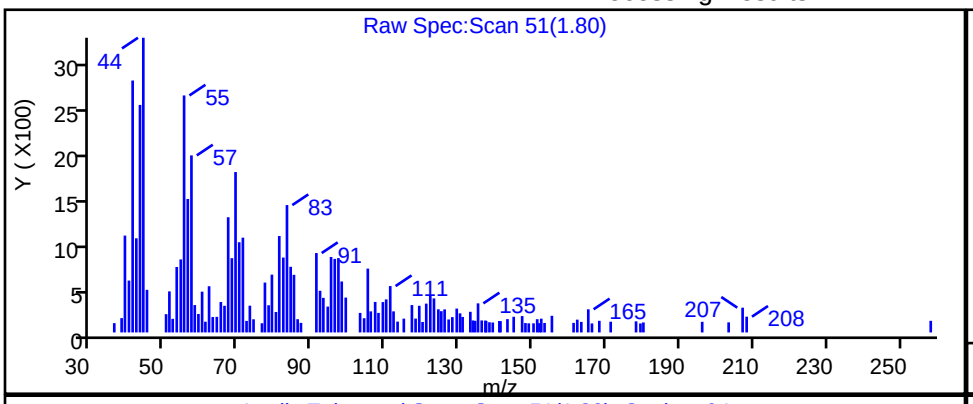
User Disabled Compound Report

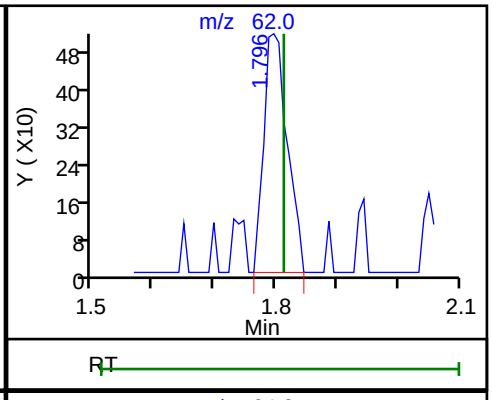
TestAmerica Edison

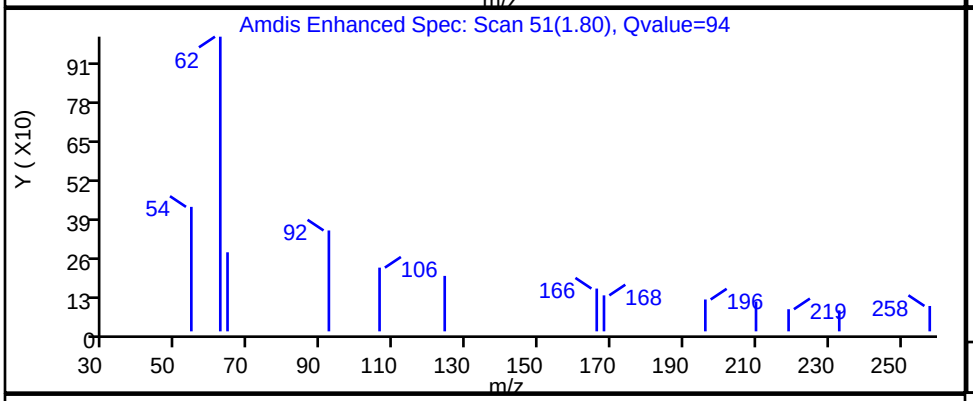
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77661.D
Injection Date: 14-Mar-2019 10:51:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

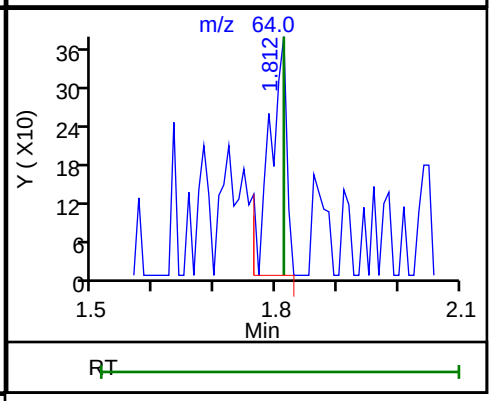
4 Vinyl chloride, CAS: 75-01-4

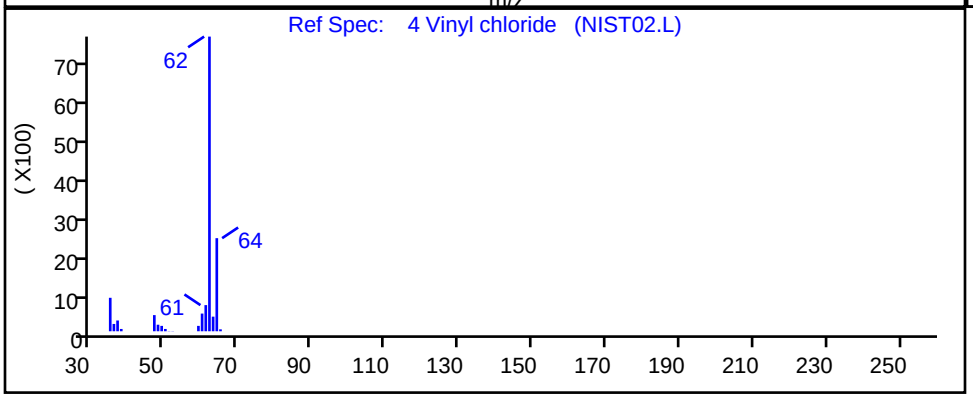
Processing Results











RT	Mass	Response	Amount
1.80	62.00	1374	0.250000
1.81	64.00	736	

Reviewer: martineze, 14-Mar-2019 12:39:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 14-Mar-2019 11:15:30 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0087864-004
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub55

Method: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-Mar-2019 15:38:11 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0315

First Level Reviewer: martineze Date: 14-Mar-2019 14:47:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.516	1.533	-0.017	50	1399	1.00	1.17	
2 Dichlorodifluoromethane	85	1.549	1.558	-0.009	54	3537	1.00	0.8661	
3 Chloromethane	50	1.722	1.722	0.000	94	4689	1.00	1.13	
5 Butadiene	54	1.796	1.804	-0.008	67	3257	1.00	0.9636	
4 Vinyl chloride	62	1.812	1.812	0.000	96	4265	1.00	1.04	
6 Bromomethane	94	2.075	2.075	0.000	88	2956	1.00	1.07	
7 Chloroethane	64	2.133	2.133	0.000	93	2832	1.00	1.13	
8 Dichlorofluoromethane	67	2.305	2.314	-0.009	96	7760	1.00	1.27	
9 Trichlorofluoromethane	101	2.322	2.322	0.000	51	4161	1.00	0.9577	
10 Pentane	72	2.338	2.338	0.000	92	1964	2.00	3.53	a
11 Ethanol	46	2.519	2.519	0.000	56	134	40.0	30.6	
12 Ethyl ether	59	2.527	2.519	0.008	92	2148	1.00	1.03	
13 2-Methyl-1,3-butadiene	53	2.544	2.544	0.000	94	1984	1.00	0.8659	
14 1,2-Dichloro-1,1,2-trifluo	117	2.568	2.577	-0.008	69	2924	1.00	1.14	
15 Acrolein	56	2.708	2.692	0.016	32	1080	4.00	2.96	
16 1,1,2-Trichloro-1,2,2-trif	101	2.675	2.700	-0.025	28	2455	1.00	0.9593	a
17 1,1-Dichloroethene	96	2.733	2.724	0.009	95	2451	1.00	0.9804	
18 Acetone	43	2.823	2.815	0.008	68	3472	5.00	5.19	
19 Iodomethane	142	2.880	2.881	-0.001	96	4856	1.00	1.06	
20 Isopropyl alcohol	45	2.889	2.913	-0.024	26	944	10.0	7.78	a
21 Carbon disulfide	76	2.922	2.913	0.009	98	9397	1.00	1.03	
22 3-Chloro-1-propene	41	3.037	3.028	0.009	94	5402	1.00	1.04	
24 Methyl acetate	43	3.045	3.045	0.000	57	3902	2.00	2.13	
23 Cyclopentene	67	3.053	3.053	0.000	94	6363	1.00	0.9718	
25 Acetonitrile	41	3.152	3.119	0.033	22	2122	10.0	7.21	a
27 Methylene Chloride	84	3.160	3.160	0.000	37	2742	1.00	0.9606	
* 26 TBA-d9 (IS)	65	3.152	3.168	-0.016	0	97913	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.226	3.226	0.000	53	3016	10.0	12.1	
29 Methyl tert-butyl ether	73	3.308	3.308	0.000	94	6677	1.00	0.99	
30 trans-1,2-Dichloroethene	96	3.341	3.341	0.000	94	2751	1.00	1.00	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.423	3.406	0.017	95	8057	10.0	9.12	
32 Hexane	43	3.480	3.480	0.000	87	1929	1.00	0.8516	
33 Isopropyl ether	45	3.686	3.678	0.008	96	8668	1.00	0.9874	
34 1,1-Dichloroethane	63	3.727	3.727	0.000	98	5090	1.00	1.04	
35 Vinyl acetate	86	3.694	3.735	-0.041	53	304	2.00	1.94	
36 2-Chloro-1,3-butadiene	88	3.768	3.768	0.000	92	2122	1.00	0.8633	
37 Tert-butyl ethyl ether	59	3.990	3.990	0.000	88	8529	1.00	1.09	
* 38 2-Butanone-d5	46	4.195	4.195	0.000	0	93132	250.0	250.0	
39 2,2-Dichloropropane	97	4.228	4.212	0.016	48	1079	1.00	1.06	a
40 cis-1,2-Dichloroethene	96	4.244	4.236	0.008	96	2986	1.00	0.9606	
41 2-Butanone (MEK)	72	4.244	4.245	-0.001	83	1552	5.00	6.16	
42 Ethyl acetate	70	4.253	4.245	0.008	61	695	2.00	3.07	a
43 Methyl acrylate	55	4.302	4.302	0.000	22	1683	1.00	0.9734	a
44 Propionitrile	54	4.409	4.384	0.025	37	3187	10.0	10.0	a
45 Chlorobromomethane	128	4.442	4.458	-0.016	90	1585	1.00	1.04	
46 Tetrahydrofuran	72	4.466	4.458	0.008	54	592	2.00	2.13	
47 Methacrylonitrile	67	4.475	4.475	0.000	92	8357	10.0	8.80	
48 Chloroform	83	4.507	4.507	0.000	95	4842	1.00	1.04	
49 Cyclohexane	84	4.631	4.631	0.000	50	4157	1.00	0.9517	
50 1,1,1-Trichloroethane	97	4.647	4.647	0.000	35	5269	1.00	1.21	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	97	69007	50.0	50.0	
52 Carbon tetrachloride	117	4.762	4.762	0.000	94	3941	1.00	1.10	
53 1,1-Dichloropropene	75	4.795	4.795	0.000	94	3710	1.00	1.02	
54 Isobutyl alcohol	43	4.951	4.943	0.008	42	4203	25.0	25.5	
55 Benzene	78	4.992	4.992	0.000	50	11367	1.00	1.08	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.009	5.009	0.000	0	71738	50.0	49.4	
57 Isopropyl acetate	43	5.033	5.033	0.000	76	8168	1.00	1.06	a
58 Tert-amyl methyl ether	73	5.041	5.042	-0.001	88	9585	1.00	1.05	
59 1,2-Dichloroethane	62	5.091	5.083	0.008	94	3399	1.00	1.03	
60 n-Heptane	57	5.124	5.132	-0.008	33	2571	1.00	1.20	a
* 61 Fluorobenzene	96	5.272	5.272	0.000	99	227604	50.0	50.0	
62 n-Butanol	56	5.617	5.584	0.033	26	1154	25.0	23.1	a
63 Trichloroethene	95	5.625	5.625	0.000	94	2879	1.00	1.10	
65 Ethyl acrylate	55	5.740	5.740	0.000	83	6475	1.00	1.02	
64 Methylcyclohexane	83	5.748	5.740	0.008	91	4964	1.00	0.9730	
66 1,2-Dichloropropane	63	5.904	5.904	0.000	86	2699	1.00	1.02	
68 Methyl methacrylate	100	5.986	5.970	0.016	70	988	2.00	1.63	
* 67 1,4-Dioxane-d8	96	5.978	5.978	0.000	0	8393	1000.0	1000.0	
69 1,4-Dioxane	88	6.060	6.028	0.032	43	663	50.0	45.3	a
70 n-Propyl acetate	43	6.028	6.028	0.000	56	1562	1.00	1.00	
71 Dibromomethane	93	6.036	6.044	-0.008	95	1990	1.00	1.24	M
72 Dichlorobromomethane	83	6.192	6.192	0.000	97	3328	1.00	0.9692	
73 2-Nitropropane	41	6.512	6.512	0.000	53	1723	2.00	2.03	
74 2-Chloroethyl vinyl ether	63	6.521	6.512	0.009	12	1342	1.00	1.01	
75 Epichlorohydrin	57	6.636	6.627	0.009	36	3907	20.0	20.9	a
76 cis-1,3-Dichloropropene	75	6.685	6.677	0.008	92	3166	1.00	0.8840	
77 4-Methyl-2-pentanone (MIBK	43	6.841	6.833	0.008	96	9566	5.00	4.92	
$ 78 Toluene-d8 (Surr)	98	6.915	6.923	-0.008	100	241784	50.0	50.8	
79 Toluene	91	6.997	6.997	0.000	90	11277	1.00	1.08	
80 trans-1,3-Dichloropropene	75	7.359	7.351	0.008	82	2732	1.00	0.9150	
81 Ethyl methacrylate	69	7.375	7.367	0.008	84	3280	1.00	1.10	
82 1,1,2-Trichloroethane	83	7.564	7.564	0.000	87	1373	1.00	0.8841	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.605	7.605	0.000	93	2335	1.00	0.9528	
84 1,3-Dichloropropane	76	7.778	7.770	0.008	94	3216	1.00	1.01	
85 2-Hexanone	43	7.843	7.827	0.016	89	4024	5.00	3.78	
86 n-Butyl acetate	43	7.967	7.942	0.025	69	3116	1.00	1.00	
87 Chlorodibromomethane	129	8.008	8.008	0.000	88	2294	1.00	1.03	
88 Ethylene Dibromide	107	8.172	8.164	0.008	95	1768	1.00	0.9784	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	86	151554	50.0	50.0	
90 Chlorobenzene	112	8.739	8.739	0.000	97	6063	1.00	0.9555	
91 Ethylbenzene	106	8.838	8.838	0.000	97	4137	1.00	1.07	
92 1,1,1,2-Tetrachloroethane	131	8.862	8.862	0.000	96	2864	1.00	1.07	
93 m-Xylene & p-Xylene	106	8.994	8.994	0.000	0	4791	1.00	1.02	
94 n-Butyl acrylate	73	9.454	9.438	0.016	42	2051	1.00	1.06	
95 o-Xylene	106	9.454	9.454	0.000	91	4771	1.00	0.9716	
96 Styrene	104	9.487	9.487	0.000	94	7184	1.00	0.9569	
97 Amyl acetate (mixed isomer	43	9.676	9.668	0.008	73	3747	1.00	0.8512	
98 Bromoform	173	9.700	9.701	-0.001	95	1475	1.00	1.00	
99 Isopropylbenzene	105	9.799	9.799	0.000	95	12242	1.00	0.9637	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	90	77902	50.0	52.5	
101 Bromobenzene	156	10.111	10.111	0.000	96	3026	1.00	0.9788	
102 1,1,2,2-Tetrachloroethane	83	10.144	10.144	0.000	51	2518	1.00	0.8771	
103 N-Propylbenzene	91	10.161	10.161	0.000	99	14033	1.00	0.8989	
104 1,2,3-Trichloropropane	110	10.185	10.185	0.000	84	1133	1.00	1.26	
105 trans-1,4-Dichloro-2-buten	53	10.218	10.202	0.016	60	580	1.00	0.8348	a
106 2-Chlorotoluene	91	10.259	10.259	0.000	91	9601	1.00	0.8835	
107 4-Ethyltoluene	105	10.259	10.259	0.000	89	11975	1.00	0.8929	
108 1,3,5-Trimethylbenzene	105	10.317	10.309	0.008	93	10364	1.00	0.8818	
109 4-Chlorotoluene	91	10.358	10.350	0.008	96	9055	1.00	0.9735	
110 Butyl Methacrylate	87	10.399	10.391	0.008	87	3770	1.00	0.8998	
111 tert-Butylbenzene	119	10.547	10.547	0.000	95	7381	1.00	0.7979	
112 1,2,4-Trimethylbenzene	105	10.596	10.596	0.000	95	10629	1.00	0.8817	
113 sec-Butylbenzene	105	10.711	10.711	0.000	99	13012	1.00	0.8868	
114 4-Isopropyltoluene	119	10.810	10.810	0.000	97	11403	1.00	0.8696	
115 1,3-Dichlorobenzene	146	10.826	10.818	0.008	93	5712	1.00	0.9017	
* 116 1,4-Dichlorobenzene-d4	152	10.876	10.876	0.000	95	95367	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.892	10.884	0.008	92	6243	1.00	0.9531	
132 1,2,3-Trimethylbenzene	105	10.900	10.900	0.000	93	11376	1.00	0.8811	
118 Benzyl chloride	91	10.991	10.991	0.000	96	3778	1.00	0.9679	
119 2,3-Dihydroindene	117	11.032	11.032	0.000	93	11973	1.00	0.9360	
120 p-Diethylbenzene	119	11.064	11.065	-0.001	95	6058	1.00	0.8284	
121 n-Butylbenzene	92	11.081	11.081	0.000	97	6947	1.00	1.00	
122 1,2-Dichlorobenzene	146	11.138	11.139	-0.001	95	5704	1.00	0.8942	
123 1,2,4,5-Tetramethylbenzene	119	11.549	11.541	0.008	99	11029	1.00	0.8607	
124 1,2-Dibromo-3-Chloropropan	75	11.623	11.623	0.000	40	780	1.00	1.20	a
125 1,3,5-Trichlorobenzene	180	11.714	11.705	0.009	96	4655	1.00	0.8825	
126 1,2,4-Trichlorobenzene	180	12.108	12.108	0.000	94	4359	1.00	0.8684	
127 Hexachlorobutadiene	225	12.166	12.166	0.000	91	1677	1.00	0.8427	
128 Naphthalene	128	12.281	12.272	0.009	99	10855	1.00	0.9168	
129 1,2,3-Trichlorobenzene	180	12.445	12.437	0.008	94	4122	1.00	0.8857	
S 130 1,2-Dichloroethene, Total	100				0		2.00	1.96	
S 131 Xylenes, Total	100				0		2.00	1.99	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00305	Amount Added:	10.00	Units: uL	
ACROLEIN W_00088	Amount Added:	4.00	Units: uL	
14DIOXINTER_00098	Amount Added:	30.00	Units: uL	
524freon_00003	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00095	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00020	Amount Added:	5.00	Units: uL	Run Reagent

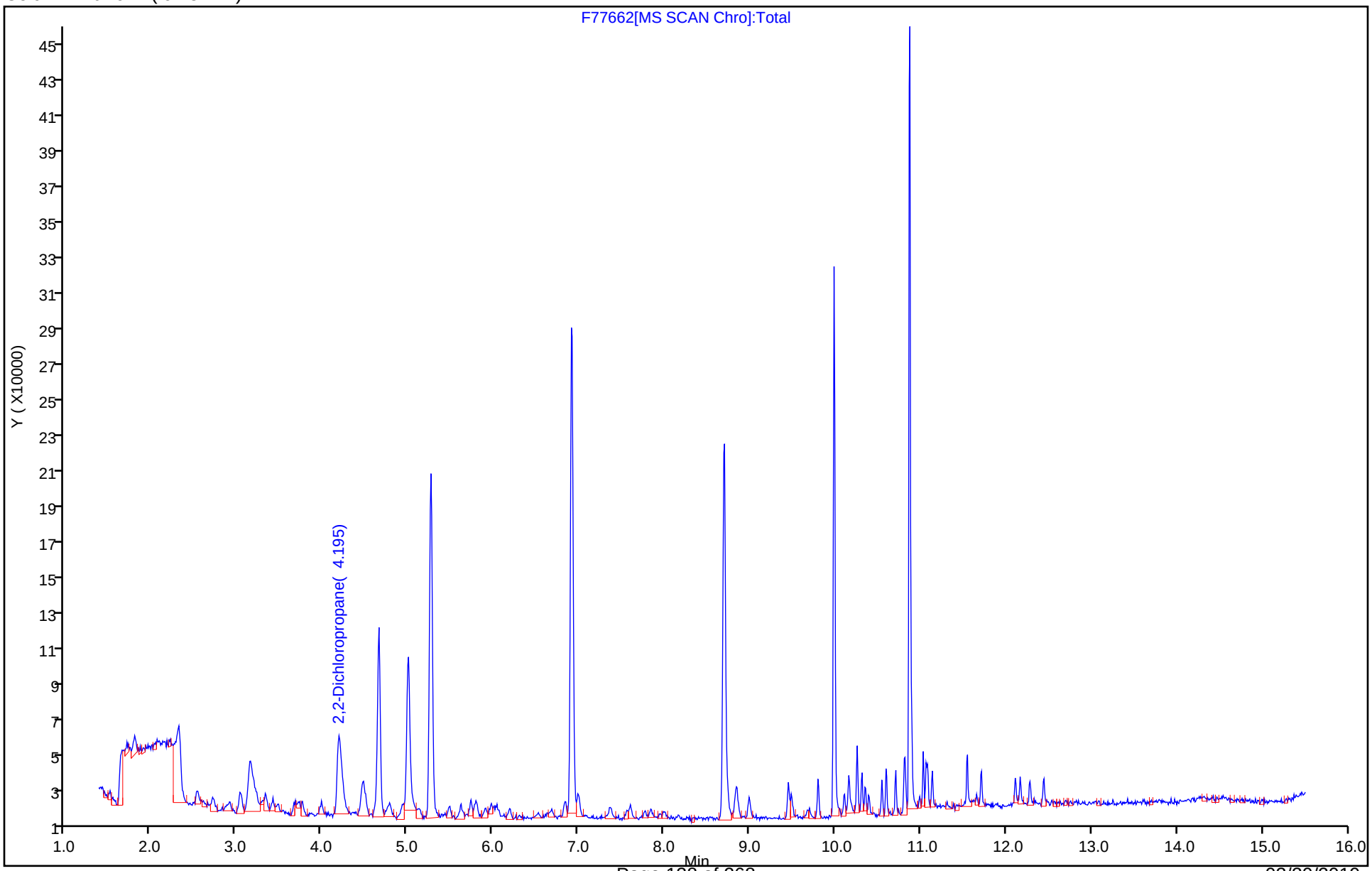
Report Date: 15-Mar-2019 15:38:16 Chrom Revision: 2.3 11-Feb-2019 16:31:10

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D

Injection Date:	14-Mar-2019 11:15:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

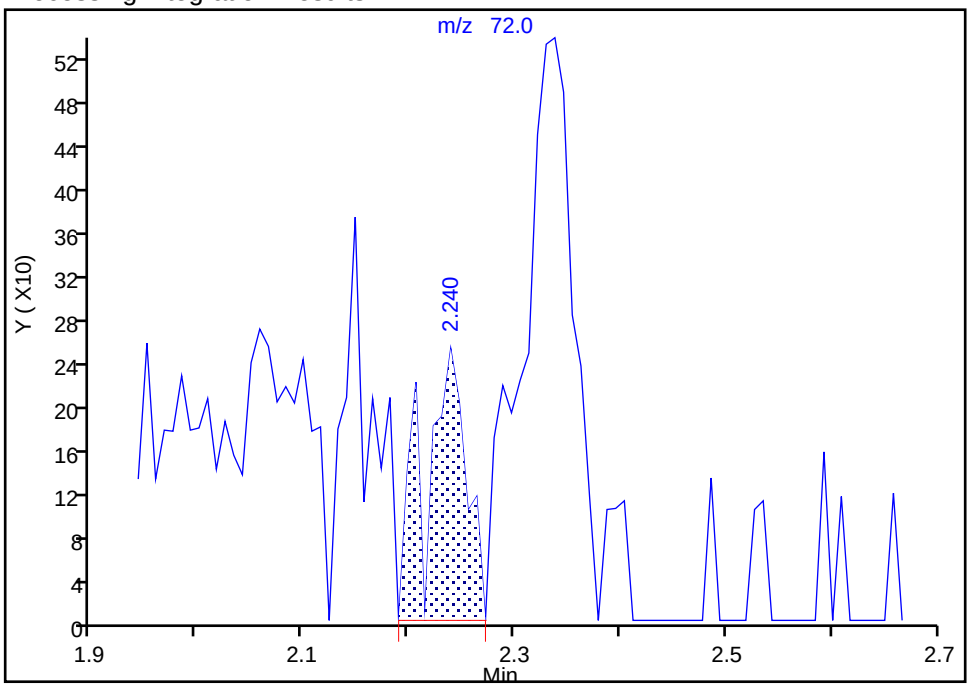
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Pentane, CAS: 109-66-0

Signal: 1

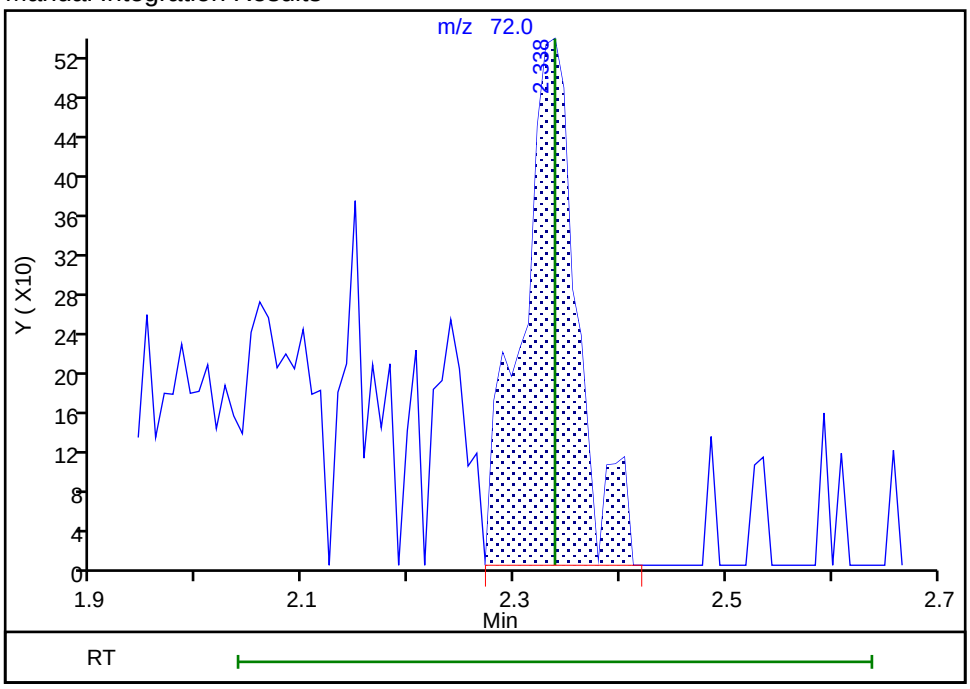
Processing Integration Results

RT: 2.24
Area: 684
Amount: 1.228743
Amount Units: ug/l



Manual Integration Results

RT: 2.34
Area: 1964
Amount: 3.528091
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:45:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

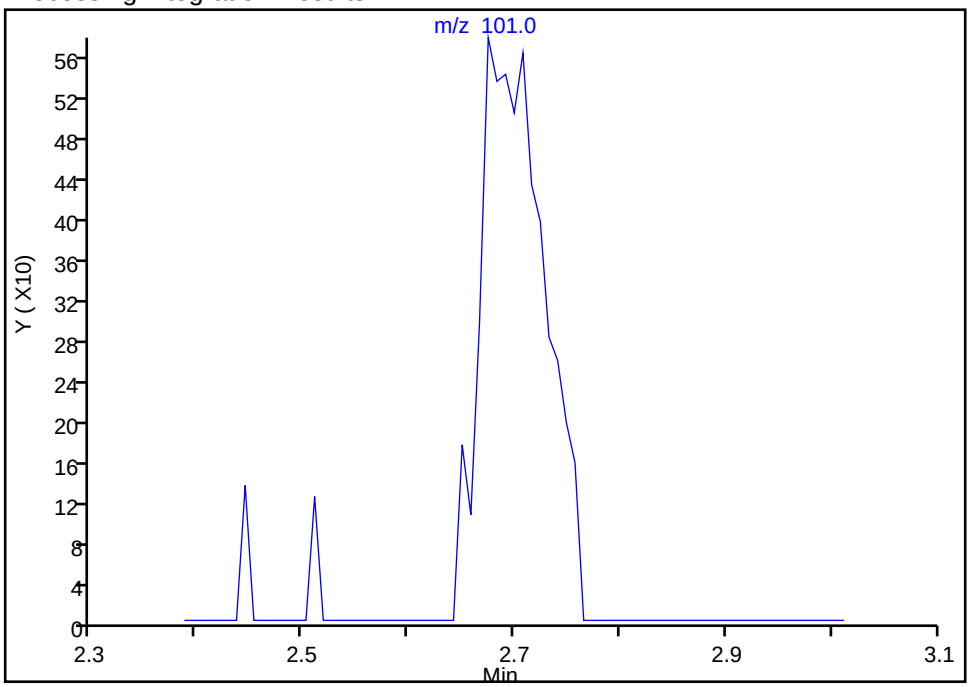
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

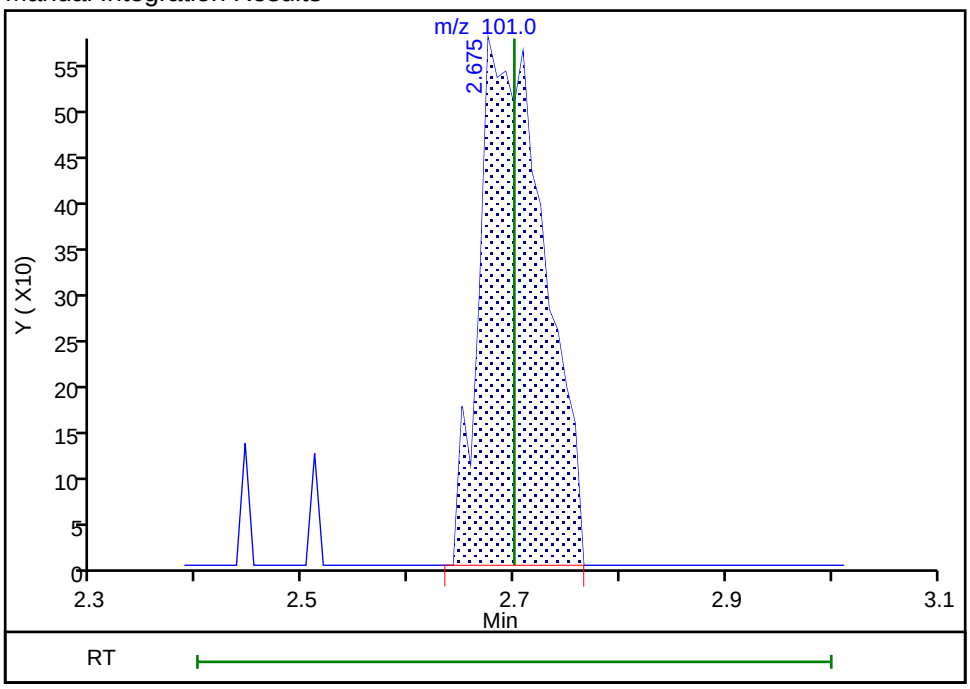
Not Detected
Expected RT: 2.70

Processing Integration Results



Manual Integration Results

RT: 2.68
Area: 2455
Amount: 0.959336
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:44:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

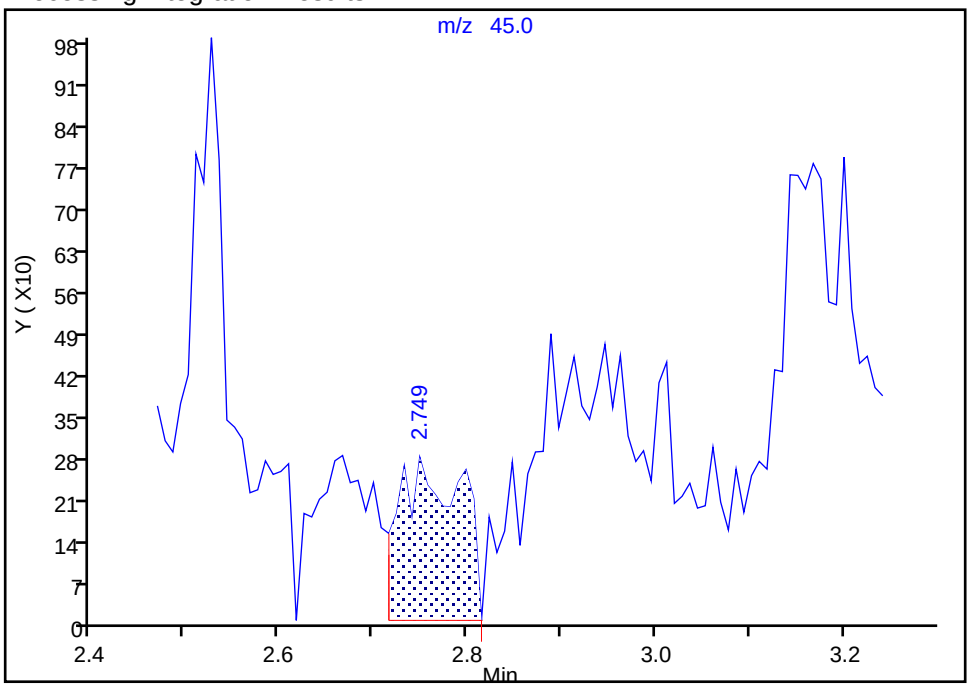
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

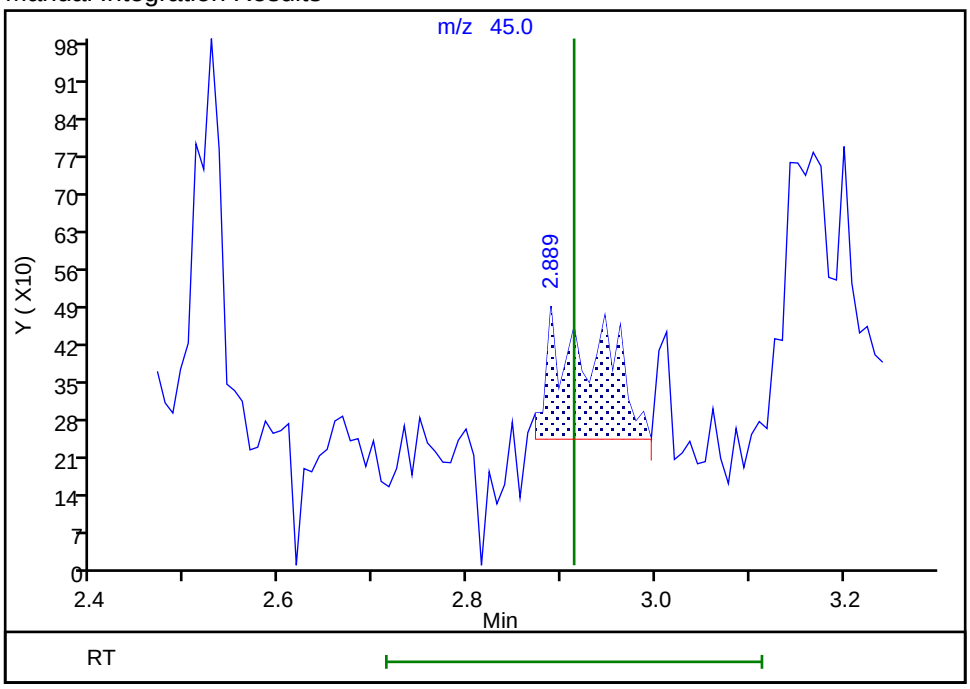
Processing Integration Results

RT: 2.75
Area: 1260
Amount: 9.946343
Amount Units: ug/l



Manual Integration Results

RT: 2.89
Area: 944
Amount: 7.775111
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:45:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

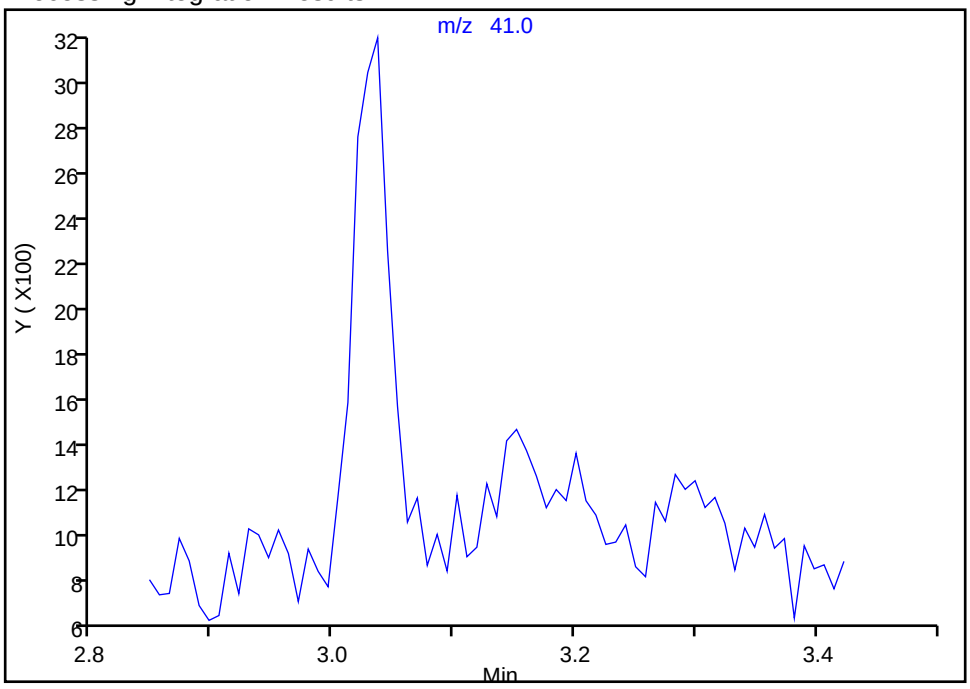
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

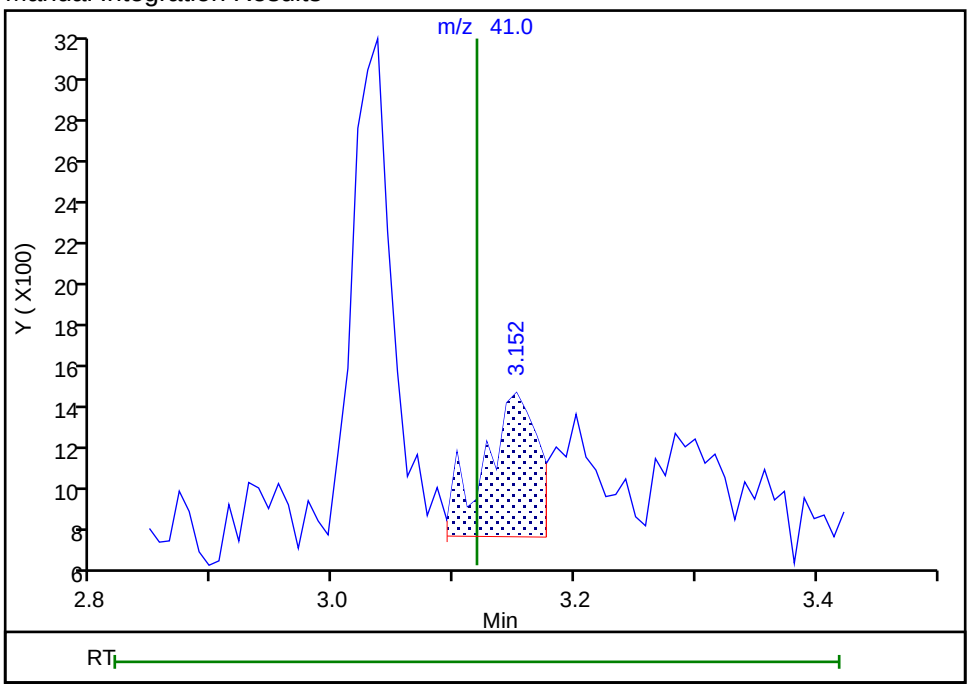
Not Detected
Expected RT: 3.12

Processing Integration Results



Manual Integration Results

RT: 3.15
Area: 2122
Amount: 7.207492
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:45:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

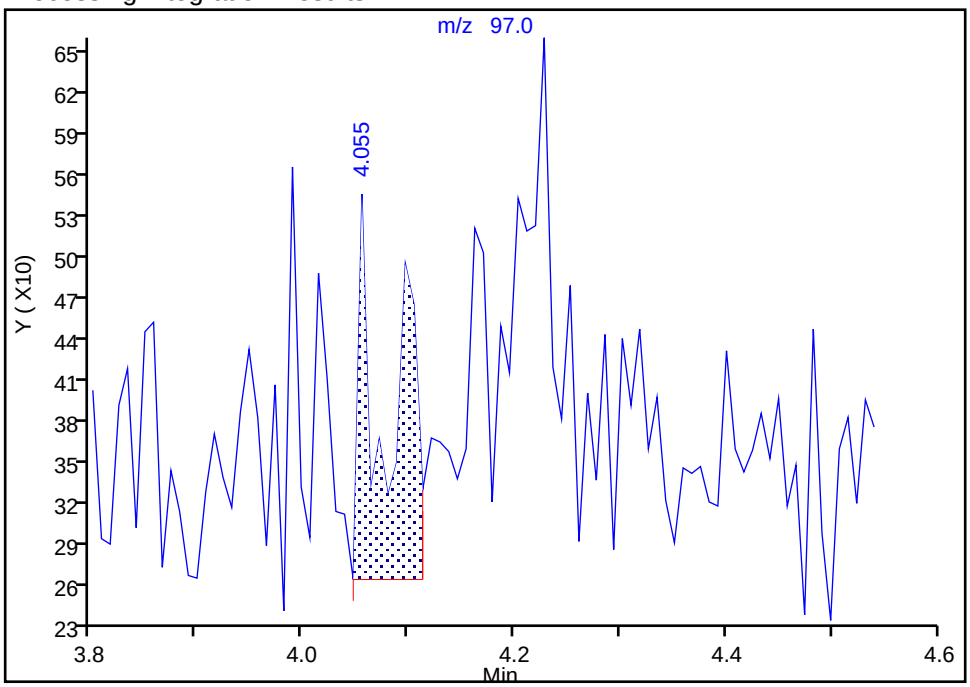
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

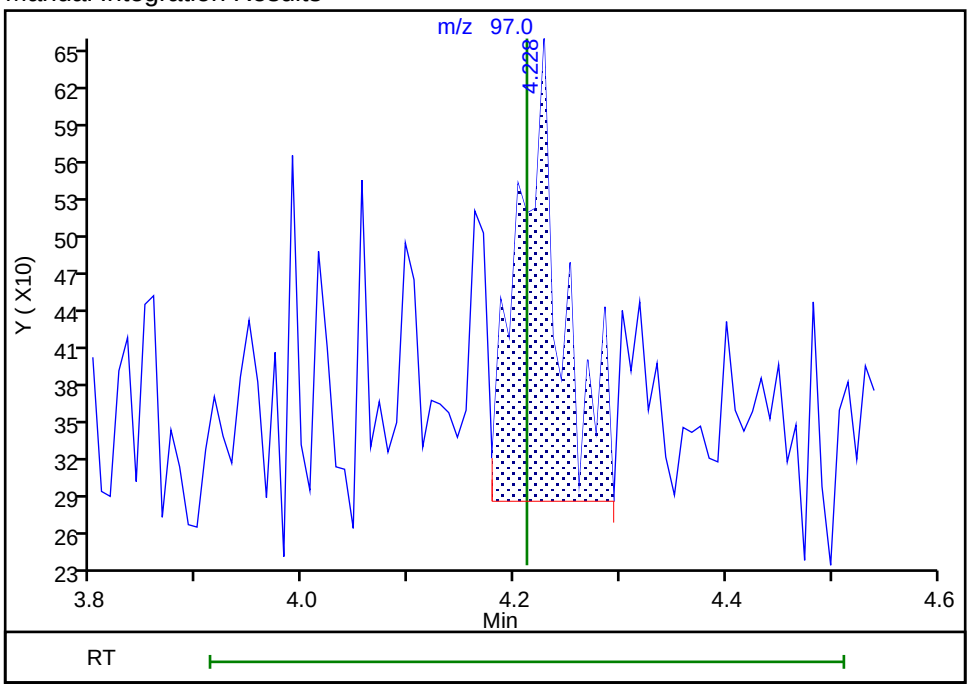
Processing Integration Results

RT: 4.06
Area: 542
Amount: 0.566500
Amount Units: ug/l



Manual Integration Results

RT: 4.23
Area: 1079
Amount: 1.062192
Amount Units: ug/l



Reviewer: boykink, 14-Mar-2019 21:37:54
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

TestAmerica Edison

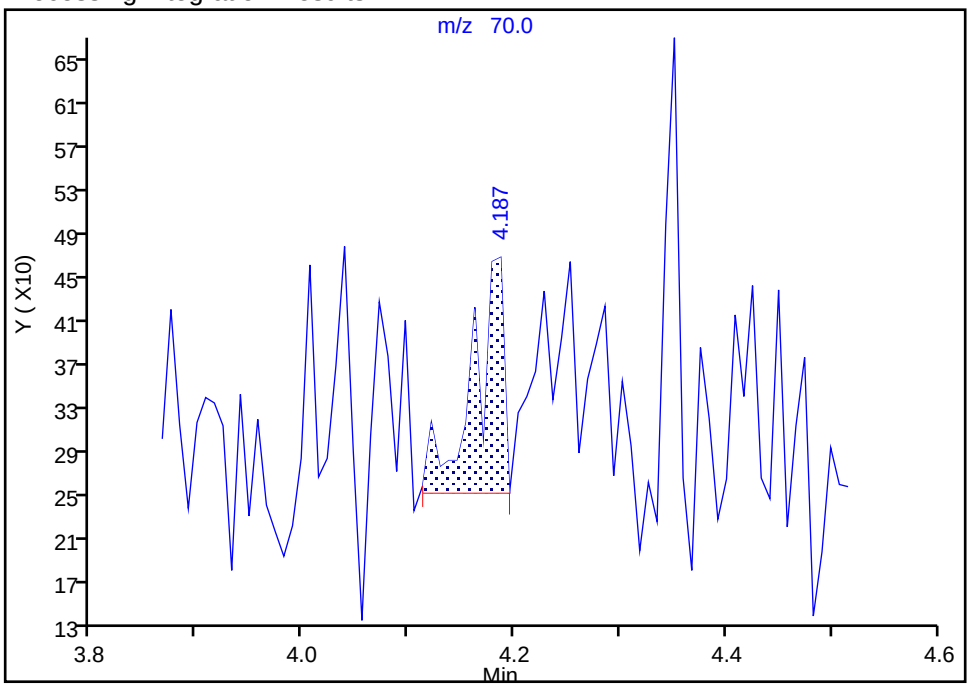
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 Ethyl acetate, CAS: 141-78-6

Signal: 1

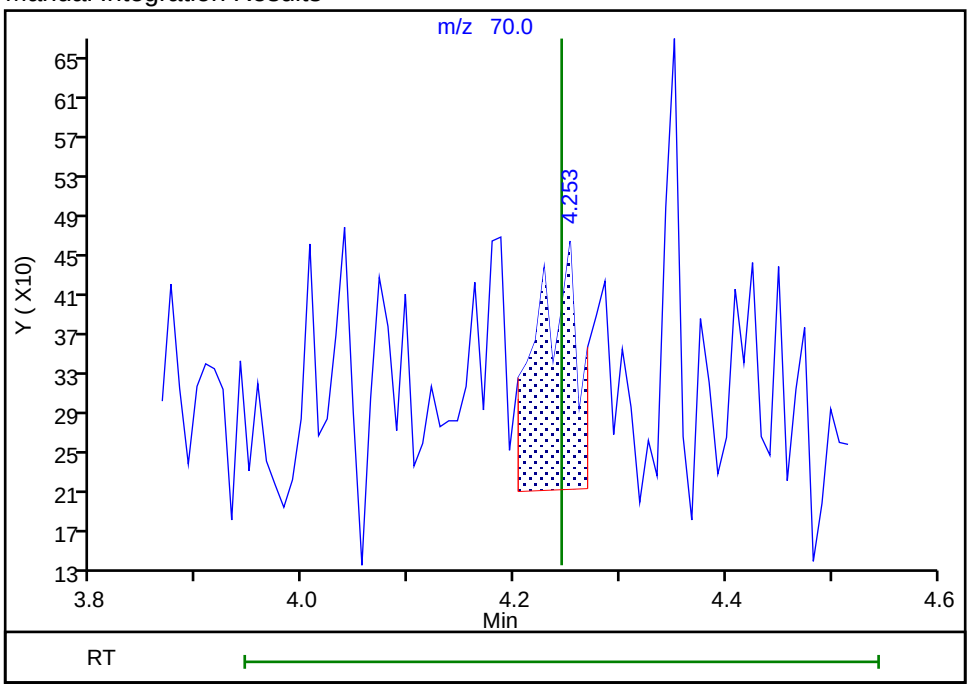
Processing Integration Results

RT: 4.19
Area: 425
Amount: 1.932209
Amount Units: ug/l



Manual Integration Results

RT: 4.25
Area: 695
Amount: 3.065359
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:45:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

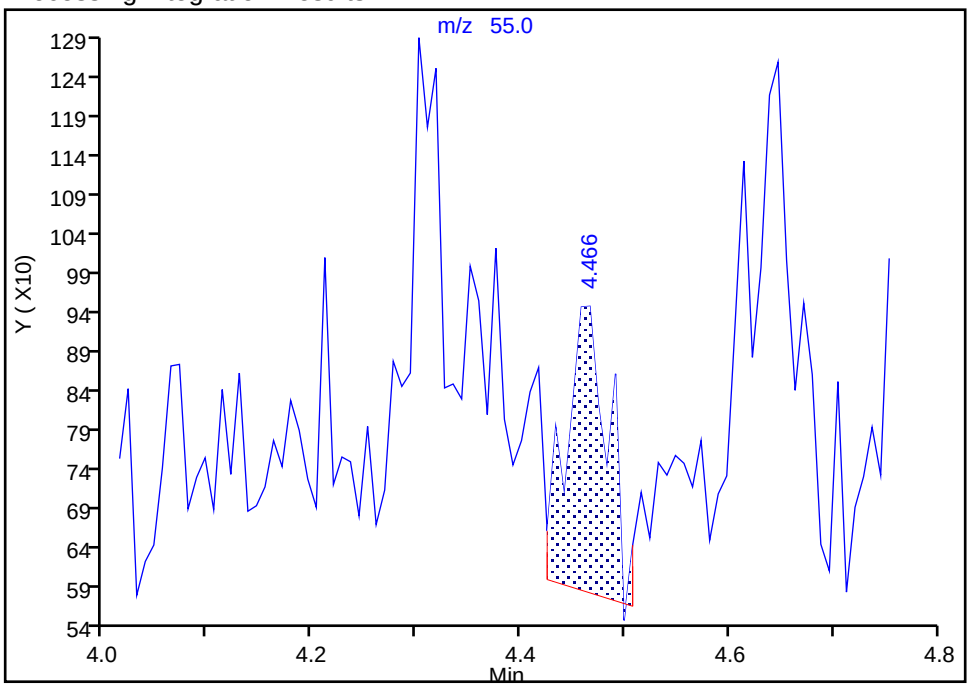
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Signal: 1

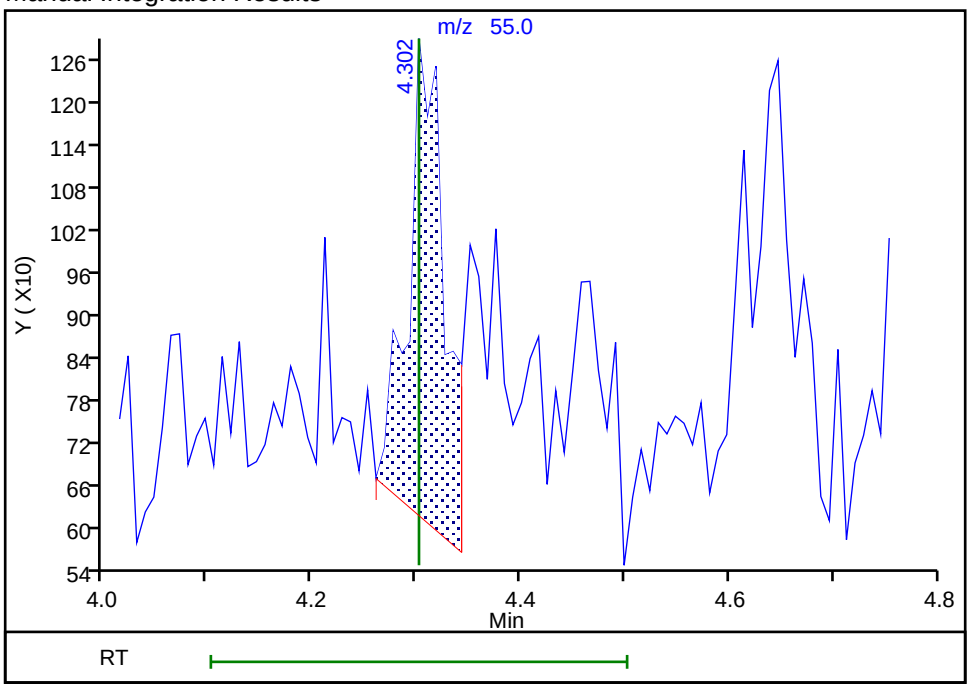
Processing Integration Results

RT: 4.47
Area: 1028
Amount: 0.634630
Amount Units: ug/l



Manual Integration Results

RT: 4.30
Area: 1683
Amount: 0.973390
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:45:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

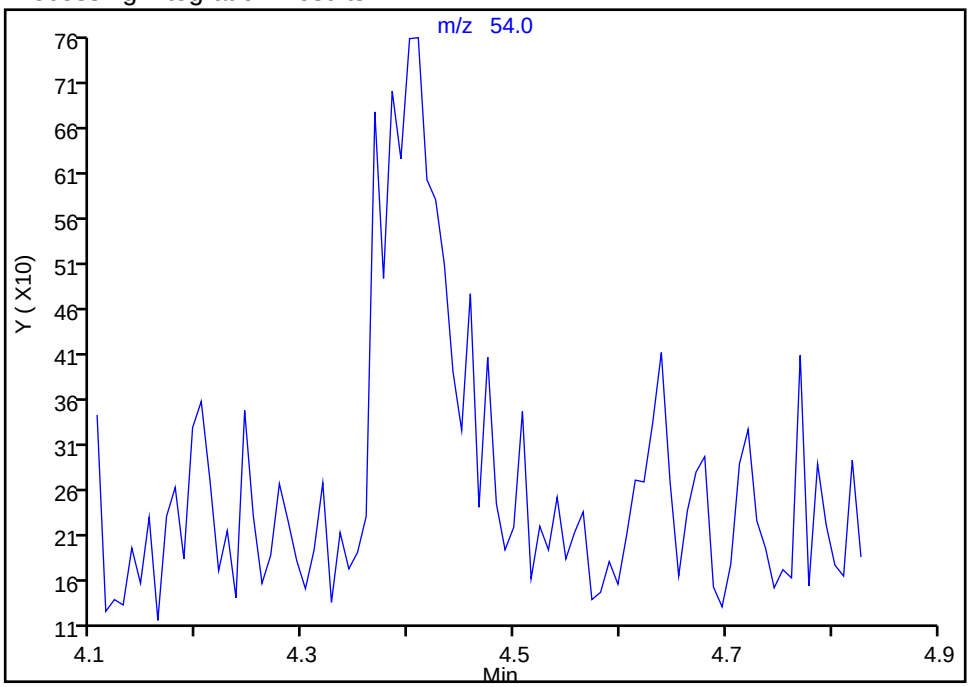
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

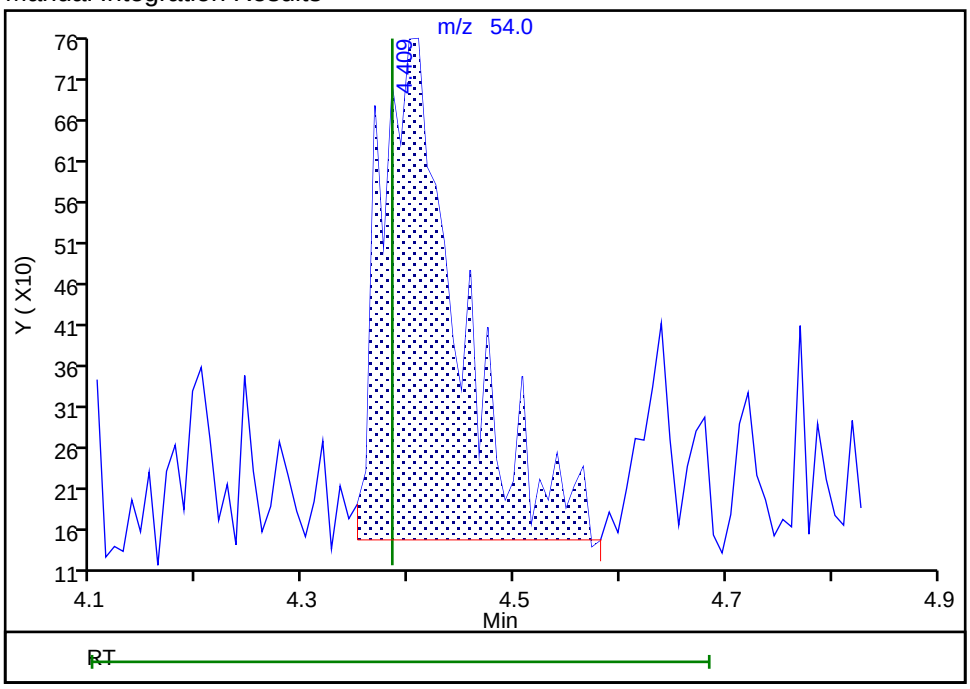
Not Detected
Expected RT: 4.38

Processing Integration Results



Manual Integration Results

RT: 4.41
Area: 3187
Amount: 10.006584
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:45:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

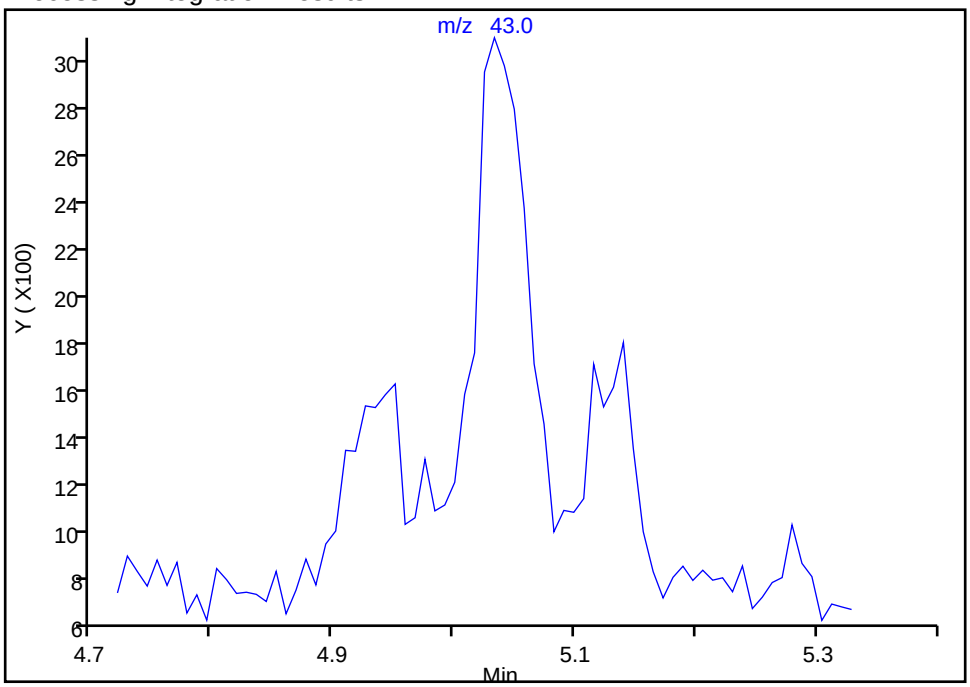
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 Isopropyl acetate, CAS: 108-21-4

Signal: 1

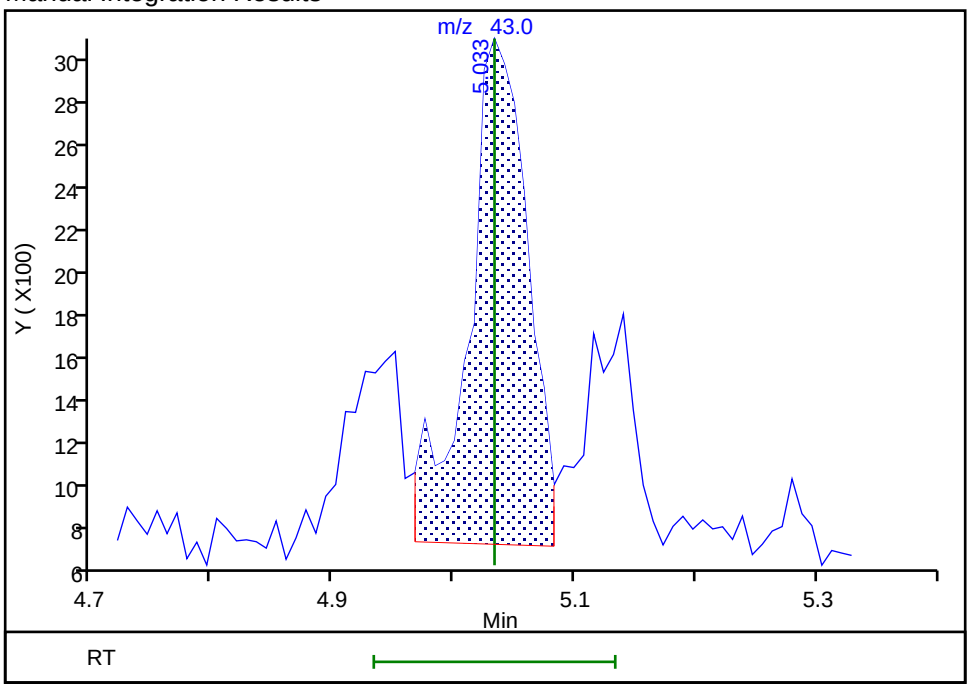
Not Detected
Expected RT: 5.03

Processing Integration Results



Manual Integration Results

RT: 5.03
Area: 8168
Amount: 1.057006
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:46:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

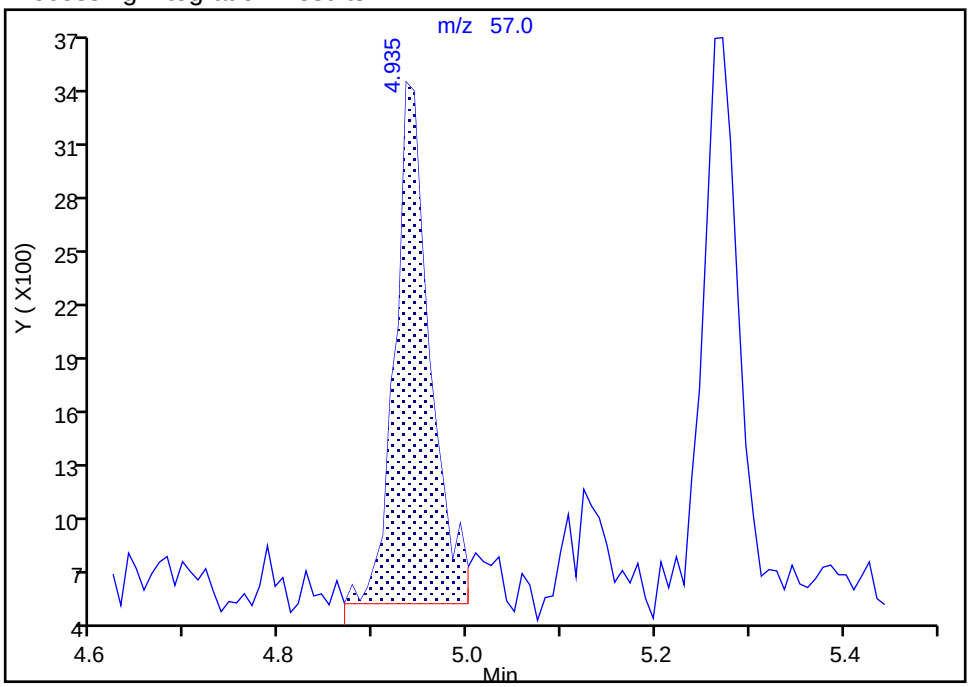
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 n-Heptane, CAS: 142-82-5

Signal: 1

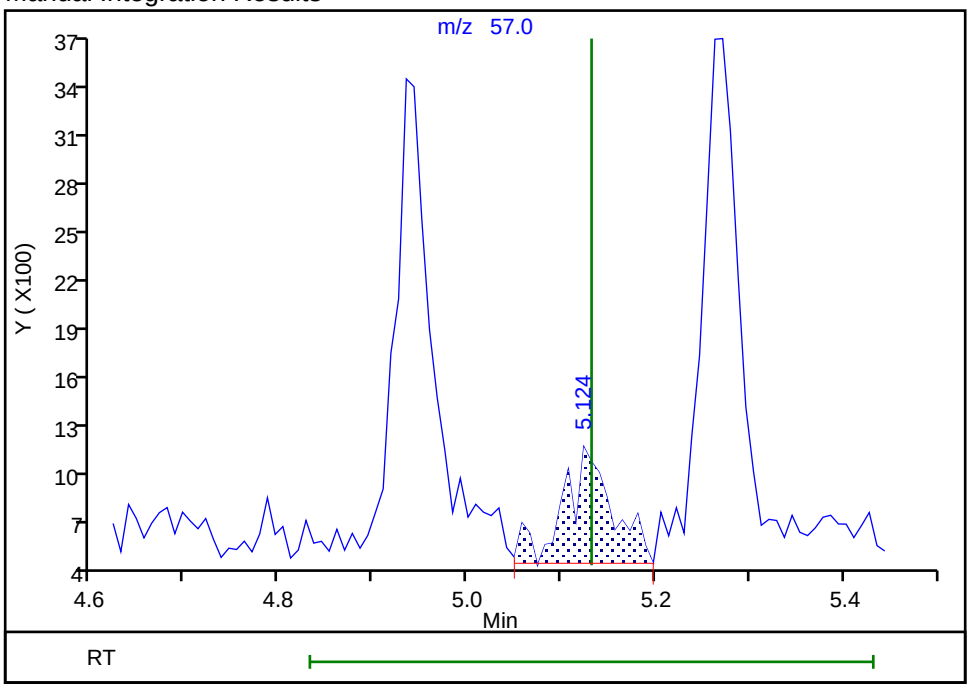
Processing Integration Results

RT: 4.93
Area: 7411
Amount: 3.535360
Amount Units: ug/l



Manual Integration Results

RT: 5.12
Area: 2571
Amount: 1.197300
Amount Units: ug/l



Reviewer: boykink, 14-Mar-2019 21:23:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

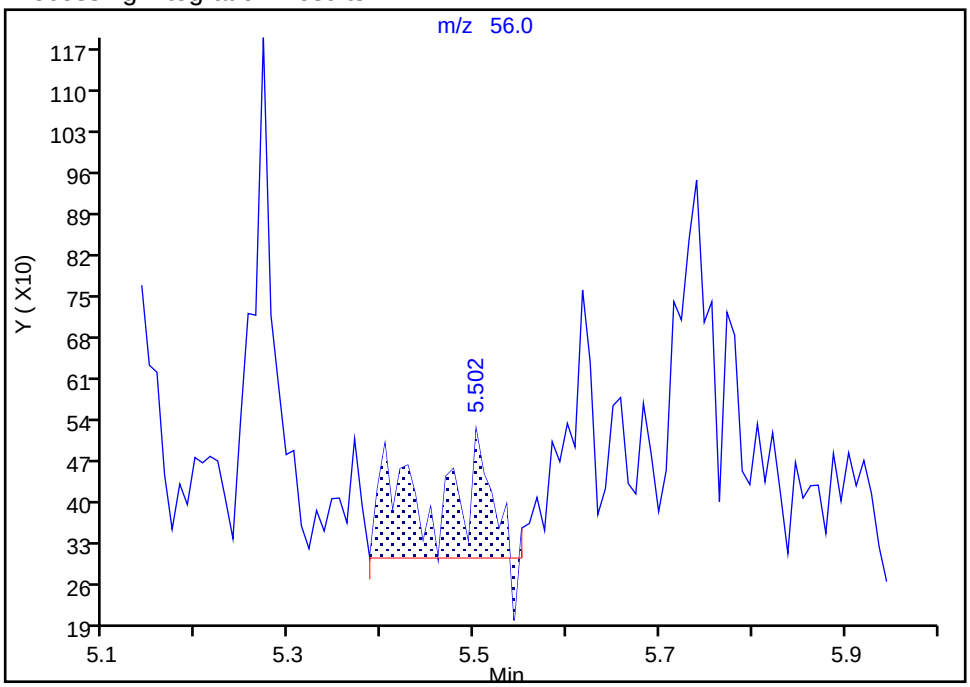
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 n-Butanol, CAS: 71-36-3

Signal: 1

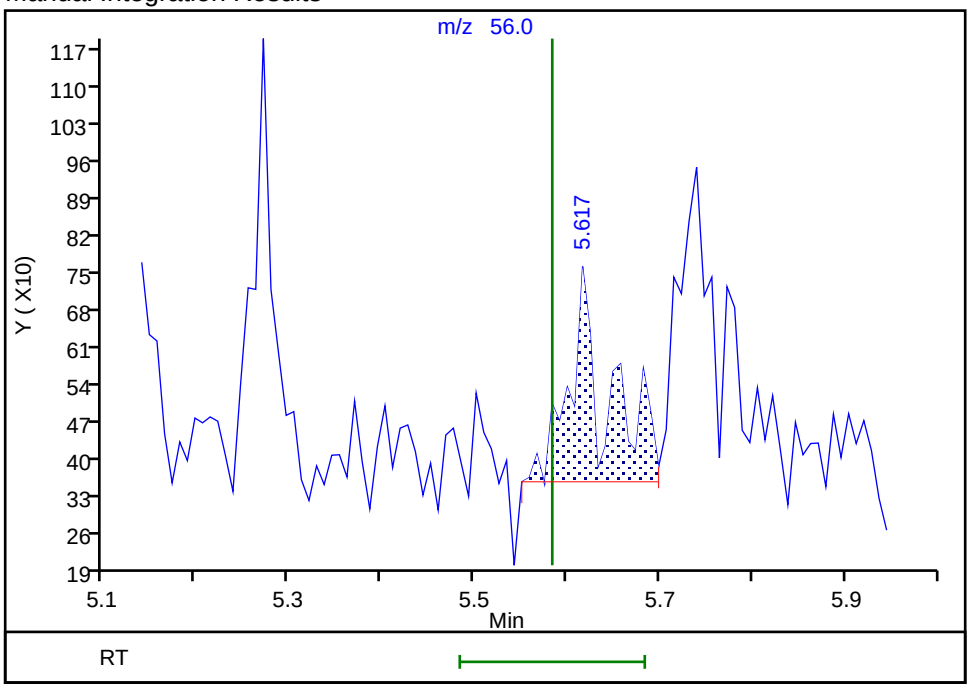
Processing Integration Results

RT: 5.50
Area: 926
Amount: 19.119447
Amount Units: ug/l



Manual Integration Results

RT: 5.62
Area: 1154
Amount: 23.102011
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:46:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

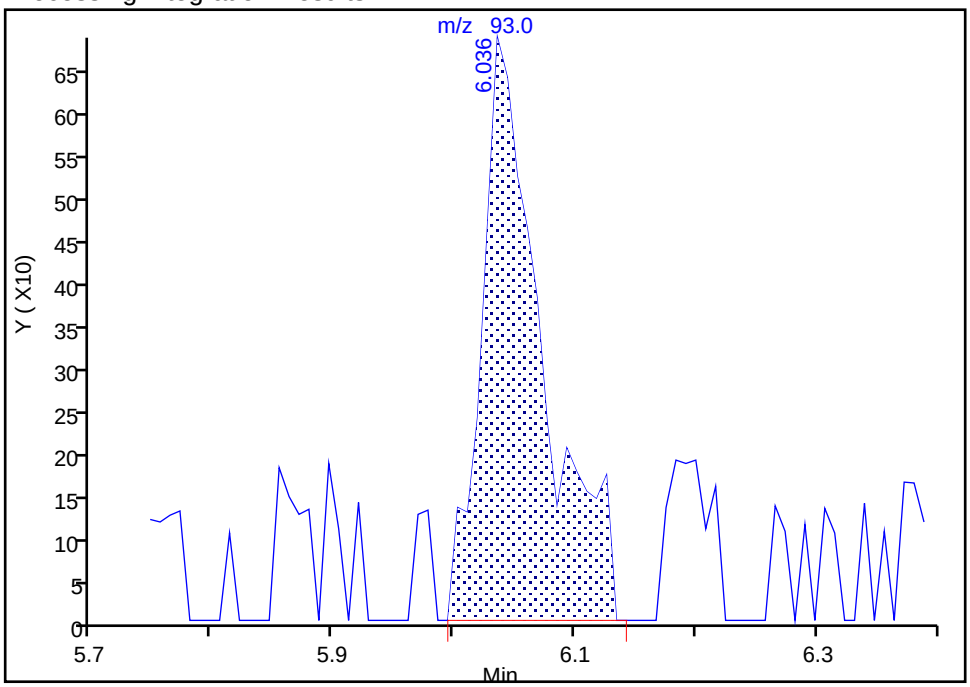
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Dibromomethane, CAS: 74-95-3

Signal: 1

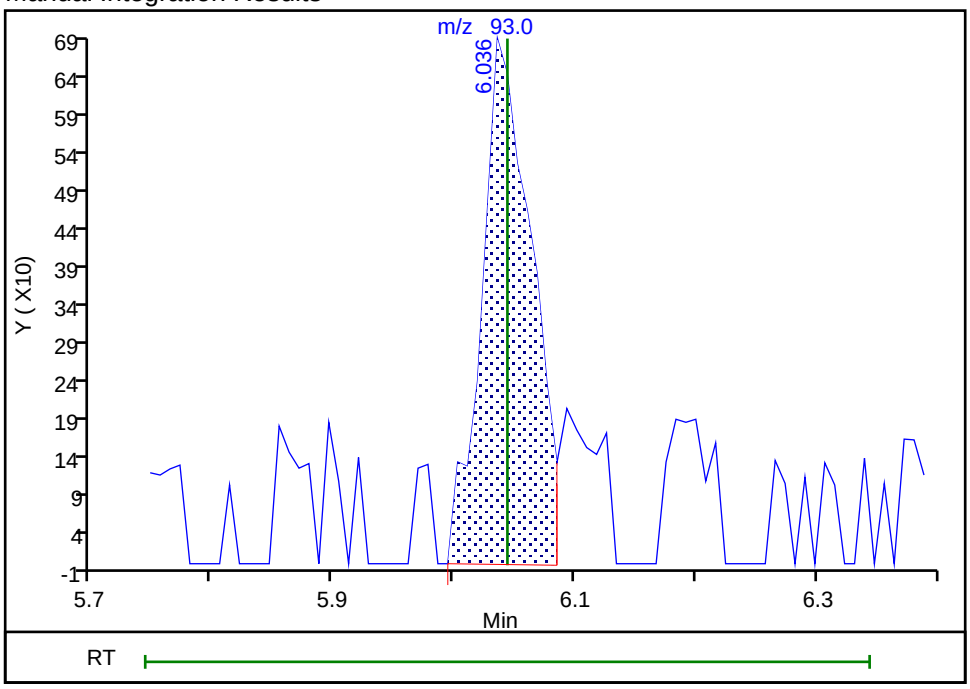
Processing Integration Results

RT: 6.04
Area: 2400
Amount: 1.569705
Amount Units: ug/l



Manual Integration Results

RT: 6.04
Area: 1990
Amount: 1.239469
Amount Units: ug/l



Reviewer: boykink, 14-Mar-2019 21:36:11
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

TestAmerica Edison

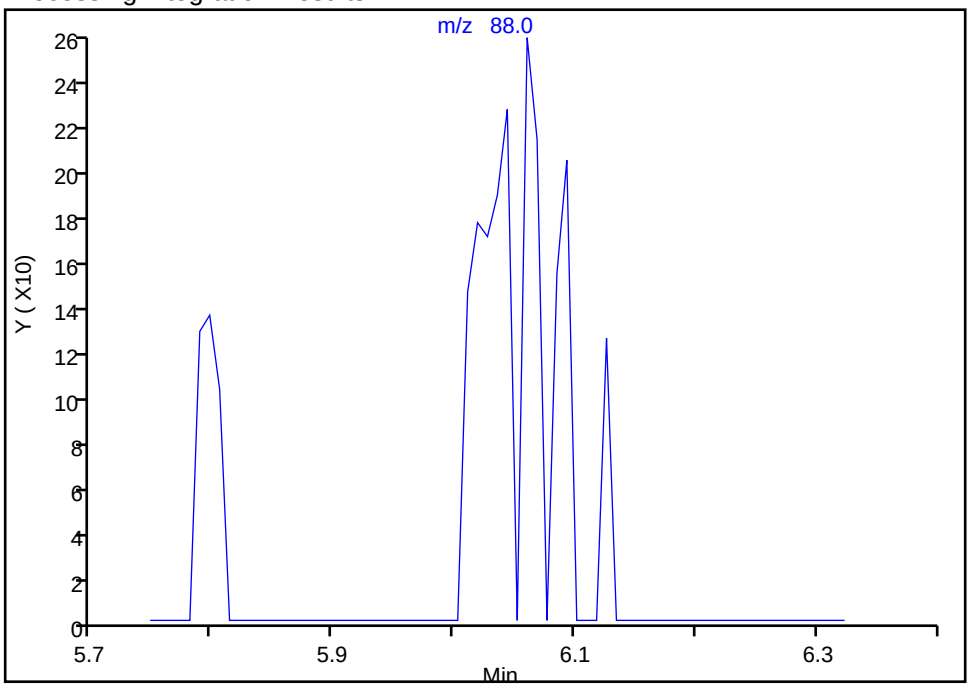
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

69 1,4-Dioxane, CAS: 123-91-1

Signal: 1

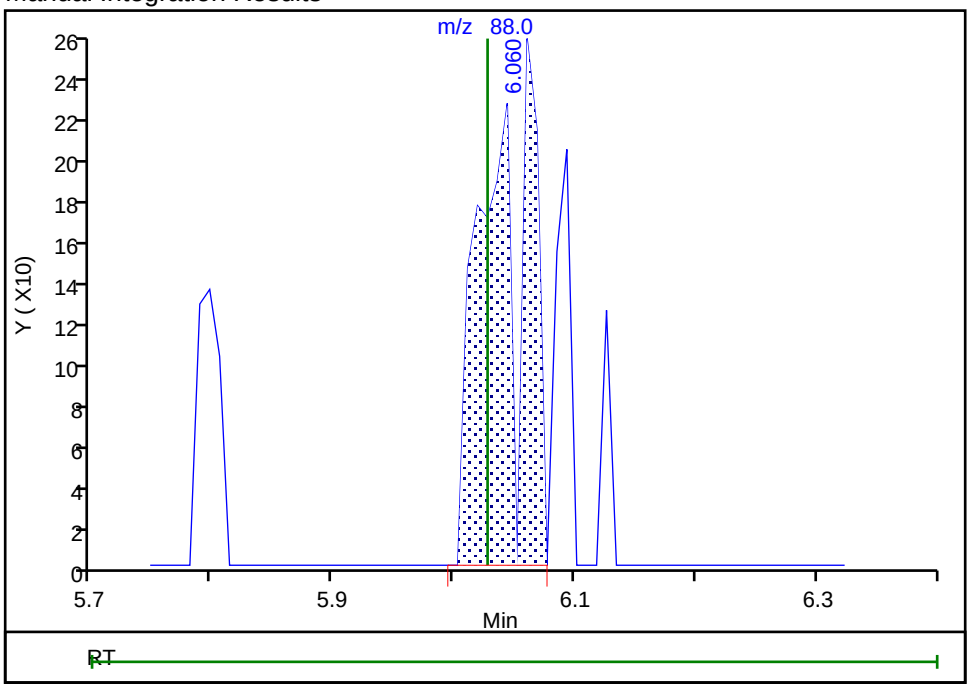
Not Detected
Expected RT: 6.03

Processing Integration Results



Manual Integration Results

RT: 6.06
Area: 663
Amount: 45.294406
Amount Units: ug/l



Reviewer: boykink, 14-Mar-2019 21:23:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

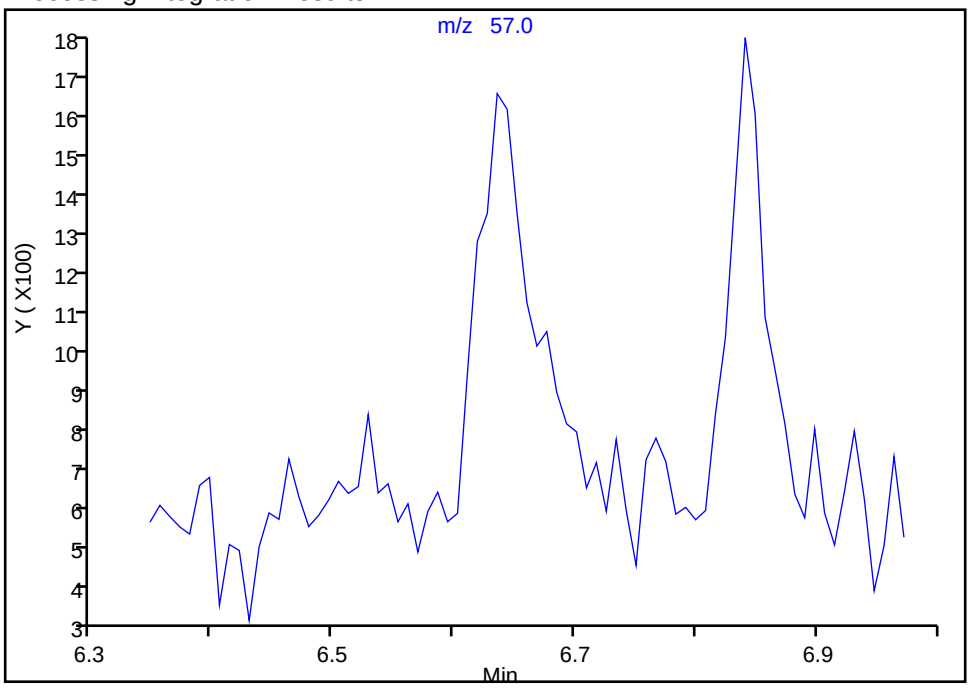
Data File:	\\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D				
Injection Date:	14-Mar-2019 11:15:30	Instrument ID:	CVOAMS6		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

75 Epichlorohydrin, CAS: 106-89-8

Signal: 1

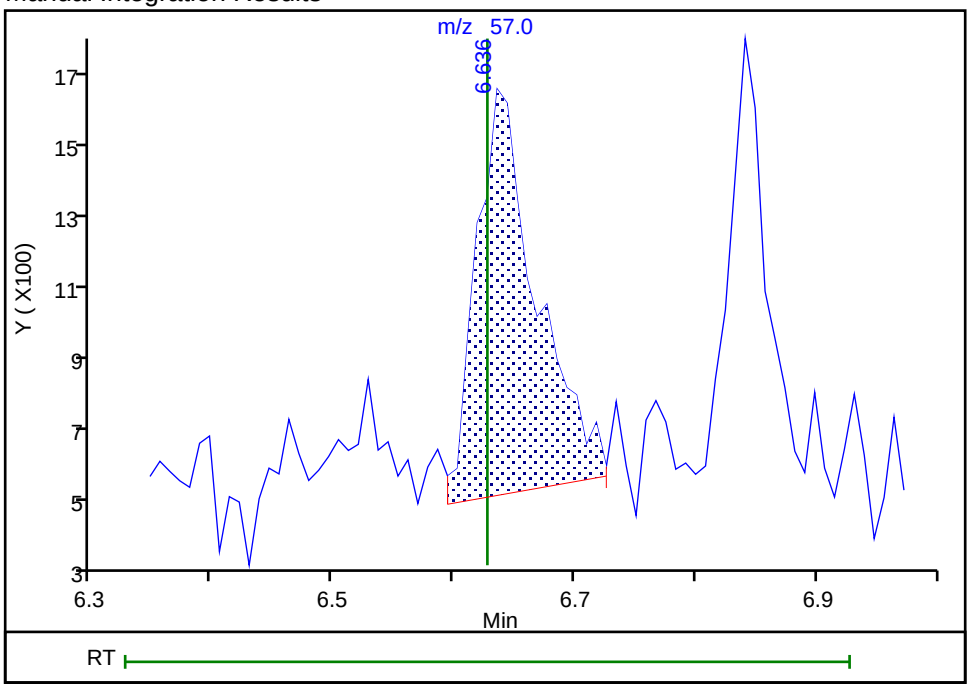
Not Detected
Expected RT: 6.63

Processing Integration Results



Manual Integration Results

RT: 6.64
Area: 3907
Amount: 20.869447
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:46:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

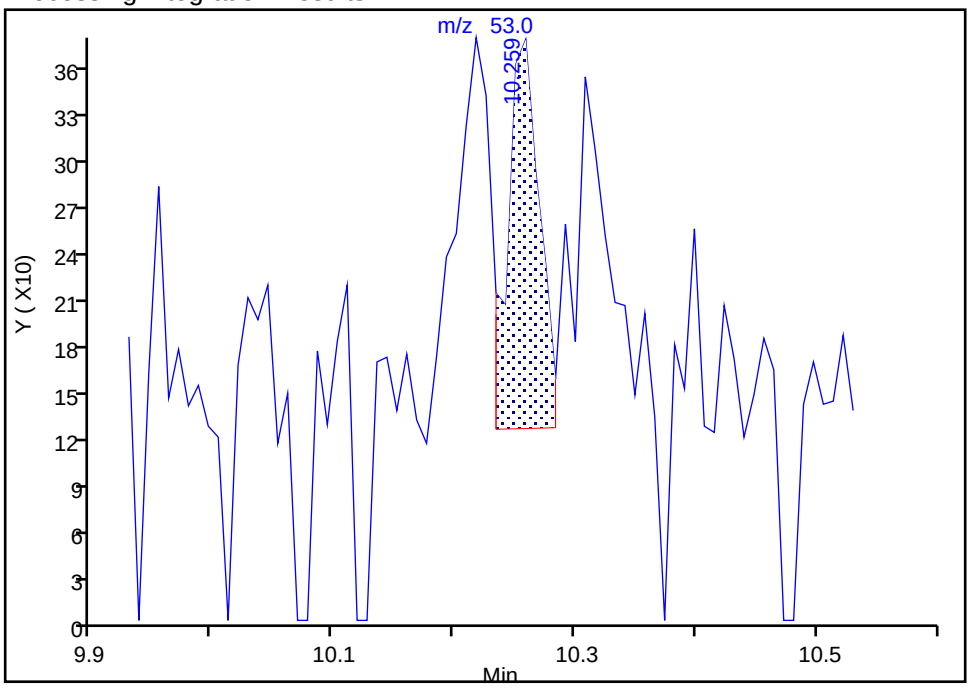
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

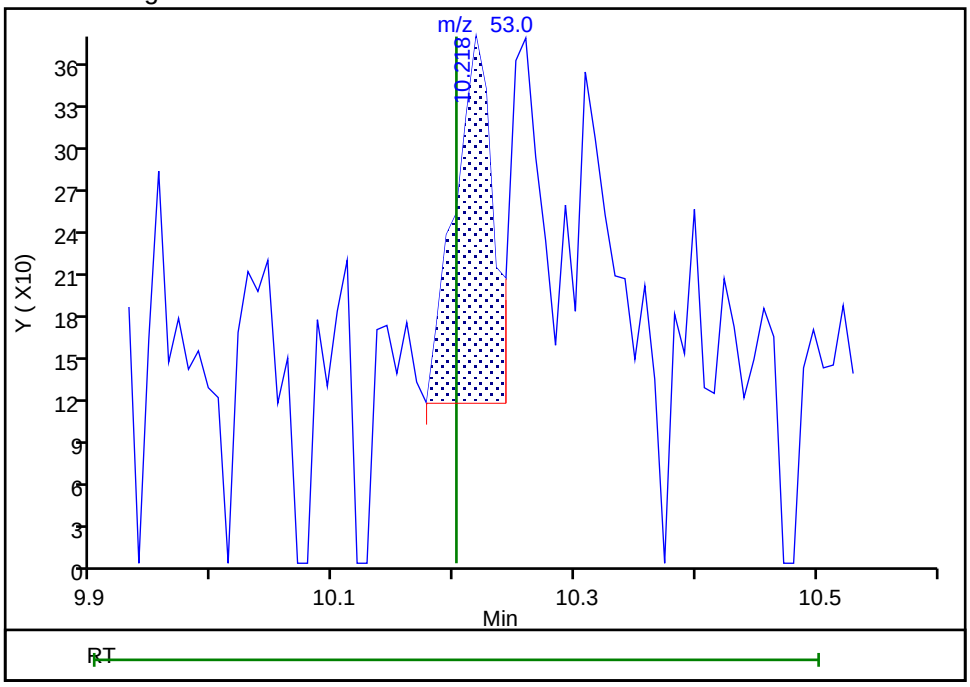
Processing Integration Results

RT: 10.26
Area: 467
Amount: 0.690889
Amount Units: ug/l



Manual Integration Results

RT: 10.22
Area: 580
Amount: 0.834804
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:46:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

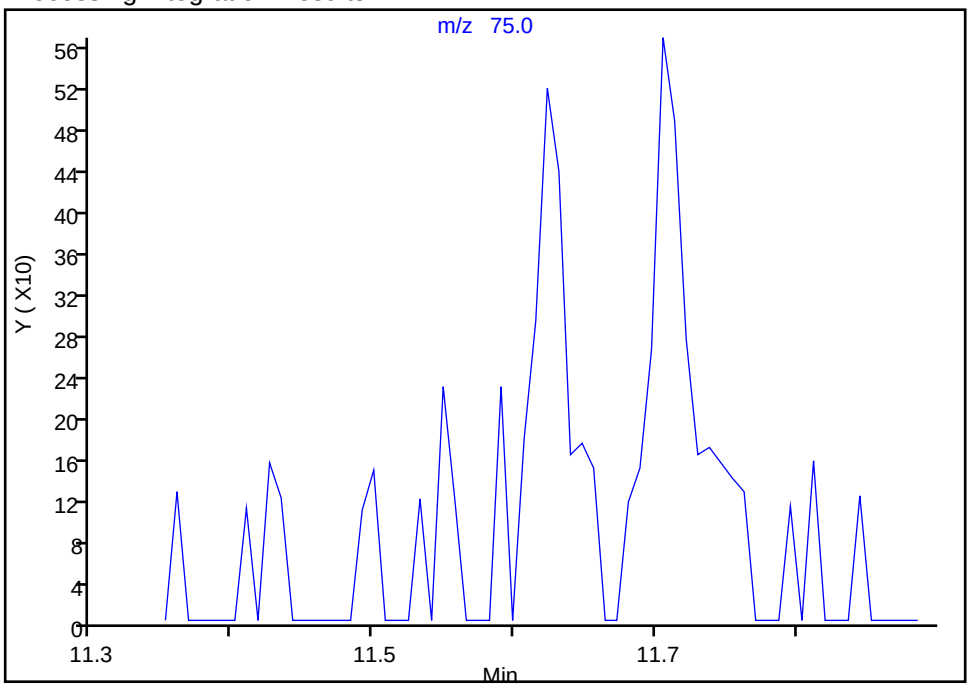
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77662.D
Injection Date: 14-Mar-2019 11:15:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

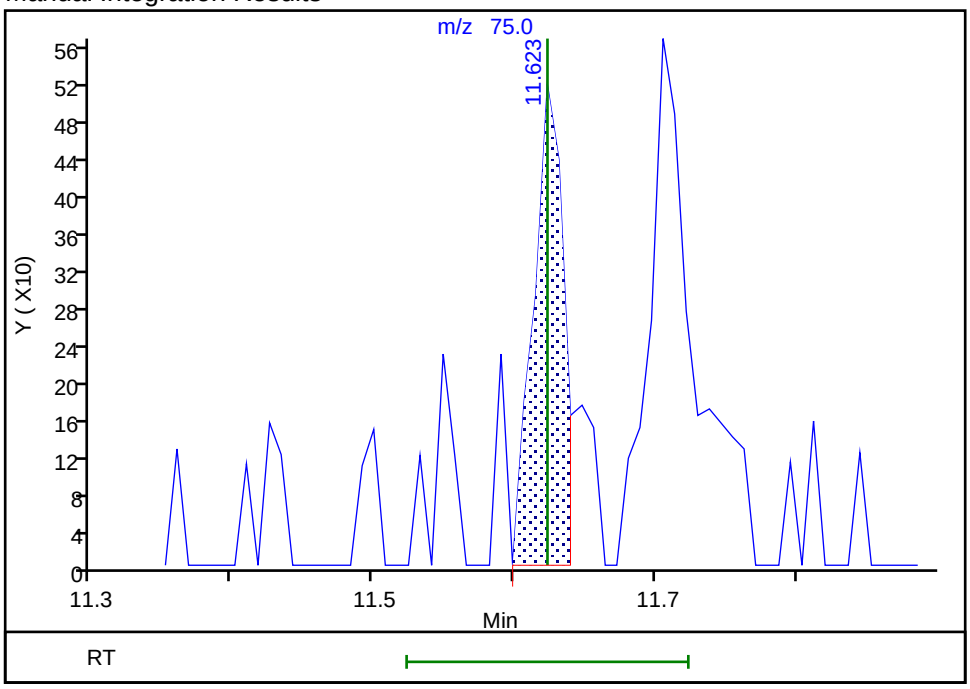
Not Detected
Expected RT: 11.62

Processing Integration Results



Manual Integration Results

RT: 11.62
Area: 780
Amount: 1.198333
Amount Units: ug/l



Reviewer: boykink, 14-Mar-2019 21:21:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77663.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 14-Mar-2019 11:38:30 ALS Bottle#: 6 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0087864-005
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub55

Method: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-Mar-2019 15:38:29 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0315

First Level Reviewer: martineze Date: 14-Mar-2019 14:38:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.525	1.533	-0.008	53	5923	5.00	4.79	
2 Dichlorodifluoromethane	85	1.549	1.558	-0.009	83	22617	5.00	5.36	M
3 Chloromethane	50	1.722	1.722	0.000	99	23340	5.00	5.44	
5 Butadiene	54	1.804	1.804	0.000	97	20888	5.00	5.98	
4 Vinyl chloride	62	1.804	1.812	-0.008	98	22639	5.00	5.32	
6 Bromomethane	94	2.075	2.075	0.000	99	15147	5.00	5.30	
7 Chloroethane	64	2.133	2.133	0.000	98	14702	5.00	5.68	
8 Dichlorofluoromethane	67	2.314	2.314	0.000	98	32707	5.00	5.17	
9 Trichlorofluoromethane	101	2.322	2.322	0.000	56	24380	5.00	5.43	
10 Pentane	72	2.330	2.338	-0.008	97	7853	10.0	14.6	
12 Ethyl ether	59	2.519	2.519	0.000	92	12413	5.00	5.76	
11 Ethanol	46	2.544	2.519	0.025	70	999	200.0	236.8	
13 2-Methyl-1,3-butadiene	53	2.544	2.544	0.000	98	13643	5.00	5.76	
14 1,2-Dichloro-1,1,2-trifluo	117	2.577	2.577	0.001	79	14777	5.00	5.56	
15 Acrolein	56	2.700	2.692	0.008	71	8664	20.0	24.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.700	2.700	0.000	92	15161	5.00	5.73	
17 1,1-Dichloroethene	96	2.724	2.724	0.000	98	15386	5.00	5.96	
18 Acetone	43	2.815	2.815	0.000	85	18309	25.0	26.3	
19 Iodomethane	142	2.881	2.881	0.000	97	25975	5.00	5.47	
21 Carbon disulfide	76	2.913	2.913	0.000	100	51410	5.00	5.44	
20 Isopropyl alcohol	45	2.913	2.913	0.000	32	4727	50.0	40.4	
22 3-Chloro-1-propene	41	3.029	3.028	0.001	93	30241	5.00	5.61	
24 Methyl acetate	43	3.045	3.045	0.000	55	20483	10.0	10.8	
23 Cyclopentene	67	3.045	3.053	-0.008	96	36524	5.00	5.40	a
25 Acetonitrile	41	3.111	3.119	-0.008	19	13902	50.0	49.0	a
27 Methylene Chloride	84	3.152	3.160	-0.008	92	16265	5.00	5.51	
* 26 TBA-d9 (IS)	65	3.160	3.168	-0.008	0	94346	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.218	3.226	-0.008	34	13661	50.0	56.8	
29 Methyl tert-butyl ether	73	3.308	3.308	0.000	97	38950	5.00	5.61	
30 trans-1,2-Dichloroethene	96	3.341	3.341	0.000	96	16805	5.00	5.90	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.415	3.406	0.009	92	48519	50.0	53.1	
32 Hexane	43	3.472	3.480	-0.008	92	13253	5.00	5.66	
33 Isopropyl ether	45	3.678	3.678	0.000	97	52423	5.00	5.78	
34 1,1-Dichloroethane	63	3.719	3.727	-0.008	99	28736	5.00	5.67	
35 Vinyl acetate	86	3.735	3.735	0.000	99	5448	10.0	11.6	
36 2-Chloro-1,3-butadiene	88	3.768	3.768	0.000	92	14675	5.00	5.78	
37 Tert-butyl ethyl ether	59	3.990	3.990	0.000	90	45121	5.00	5.58	
* 38 2-Butanone-d5	46	4.195	4.195	0.000	0	96793	250.0	250.0	
39 2,2-Dichloropropane	97	4.220	4.212	0.008	69	6352	5.00	6.05	M
40 cis-1,2-Dichloroethene	96	4.236	4.236	0.000	93	17699	5.00	5.51	
42 Ethyl acetate	70	4.236	4.245	-0.009	64	3088	10.0	13.1	
41 2-Butanone (MEK)	72	4.253	4.245	0.008	86	7295	25.0	27.8	
43 Methyl acrylate	55	4.294	4.302	-0.008	98	9273	5.00	5.13	
44 Propionitrile	54	4.393	4.384	0.009	94	15830	50.0	51.6	a
46 Tetrahydrofuran	72	4.475	4.458	0.017	51	3761	10.0	13.0	
45 Chlorobromomethane	128	4.458	4.458	0.000	90	8808	5.00	5.61	
47 Methacrylonitrile	67	4.475	4.475	0.000	92	48949	50.0	49.9	
48 Chloroform	83	4.508	4.507	0.001	98	26971	5.00	5.61	
49 Cyclohexane	84	4.631	4.631	0.000	91	25134	5.00	5.57	
50 1,1,1-Trichloroethane	97	4.647	4.647	0.000	97	24314	5.00	5.42	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	96	71880	50.0	50.4	
52 Carbon tetrachloride	117	4.771	4.762	0.008	96	20239	5.00	5.46	
53 1,1-Dichloropropene	75	4.795	4.795	0.000	96	19688	5.00	5.25	
54 Isobutyl alcohol	43	4.943	4.943	0.000	41	21571	125.0	135.6	a
55 Benzene	78	4.992	4.992	0.000	95	60943	5.00	5.52	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.009	5.009	0.000	0	75723	50.0	50.5	
57 Isopropyl acetate	43	5.033	5.033	0.000	80	41809	5.00	5.24	a
58 Tert-amyl methyl ether	73	5.042	5.042	0.000	93	52897	5.00	5.62	
59 1,2-Dichloroethane	62	5.083	5.083	0.000	97	18426	5.00	5.38	
60 n-Heptane	57	5.132	5.132	0.000	90	11886	5.00	5.36	
* 61 Fluorobenzene	96	5.272	5.272	0.000	99	235176	50.0	50.0	
62 n-Butanol	56	5.600	5.584	0.016	22	5896	125.0	122.5	a
63 Trichloroethene	95	5.625	5.625	0.000	98	13845	5.00	5.10	
64 Methylcyclohexane	83	5.740	5.740	0.000	92	28849	5.00	5.47	
65 Ethyl acrylate	55	5.740	5.740	0.000	89	32596	5.00	4.98	
66 1,2-Dichloropropane	63	5.904	5.904	0.000	91	14557	5.00	5.31	
68 Methyl methacrylate	100	5.978	5.970	0.008	89	6824	10.0	10.9	
* 67 1,4-Dioxane-d8	96	5.970	5.978	-0.008	0	7531	1000.0	1000.0	
70 n-Propyl acetate	43	6.036	6.028	0.008	98	13885	5.00	5.10	
69 1,4-Dioxane	88	6.028	6.028	0.000	24	1552	100.0	118.2	
71 Dibromomethane	93	6.044	6.044	0.000	96	8534	5.00	5.14	
72 Dichlorobromomethane	83	6.184	6.192	-0.008	99	19089	5.00	5.38	
74 2-Chloroethyl vinyl ether	63	6.521	6.512	0.009	68	6443	5.00	4.71	
73 2-Nitropropane	41	6.512	6.512	0.000	81	6157	10.0	9.28	
75 Epichlorohydrin	57	6.628	6.627	0.001	98	22320	100.0	114.7	
76 cis-1,3-Dichloropropene	75	6.677	6.677	0.000	90	19627	5.00	5.25	
77 4-Methyl-2-pentanone (MIBK	43	6.841	6.833	0.008	97	54741	25.0	27.1	
$ 78 Toluene-d8 (Surr)	98	6.915	6.923	-0.008	99	249869	50.0	50.3	
79 Toluene	91	6.997	6.997	0.000	92	57100	5.00	5.25	
80 trans-1,3-Dichloropropene	75	7.351	7.351	0.000	98	15619	5.00	5.01	
81 Ethyl methacrylate	69	7.375	7.367	0.008	90	17598	5.00	5.65	
82 1,1,2-Trichloroethane	83	7.564	7.564	0.000	93	8574	5.00	5.29	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.605	7.605	0.000	96	13459	5.00	5.26	
84 1,3-Dichloropropane	76	7.770	7.770	0.000	92	17670	5.00	5.29	
85 2-Hexanone	43	7.827	7.827	0.000	96	30318	25.0	27.4	
86 n-Butyl acetate	43	7.942	7.942	0.000	98	17015	5.00	5.24	
87 Chlorodibromomethane	129	8.008	8.008	0.000	98	12157	5.00	5.21	
88 Ethylene Dibromide	107	8.164	8.164	0.000	94	10461	5.00	5.54	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	86	158320	50.0	50.0	
90 Chlorobenzene	112	8.739	8.739	0.000	95	36078	5.00	5.44	
91 Ethylbenzene	106	8.838	8.838	0.000	98	22257	5.00	5.52	
92 1,1,1,2-Tetrachloroethane	131	8.863	8.862	0.001	97	15164	5.00	5.44	
93 m-Xylene & p-Xylene	106	8.994	8.994	0.000	0	27912	5.00	5.68	
94 n-Butyl acrylate	73	9.446	9.438	0.008	97	11431	5.00	5.65	
95 o-Xylene	106	9.454	9.454	0.000	94	28183	5.00	5.49	
96 Styrene	104	9.487	9.487	0.000	97	41097	5.00	5.24	
97 Amyl acetate (mixed isomer	43	9.668	9.668	0.000	89	24898	5.00	5.66	
98 Bromoform	173	9.701	9.701	0.000	94	8058	5.00	5.23	
99 Isopropylbenzene	105	9.799	9.799	0.000	96	71607	5.00	5.40	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	89	78257	50.0	50.5	
101 Bromobenzene	156	10.111	10.111	0.000	98	17099	5.00	5.53	
102 1,1,2,2-Tetrachloroethane	83	10.153	10.144	0.009	99	16392	5.00	5.71	
103 N-Propylbenzene	91	10.161	10.161	0.000	99	86868	5.00	5.56	
104 1,2,3-Trichloropropane	110	10.185	10.185	0.000	92	5009	5.00	5.55	
105 trans-1,4-Dichloro-2-buten	53	10.210	10.202	0.008	80	3719	5.00	5.35	a
107 4-Ethyltoluene	105	10.259	10.259	0.000	89	73603	5.00	5.49	
106 2-Chlorotoluene	91	10.259	10.259	0.000	90	59238	5.00	5.45	
108 1,3,5-Trimethylbenzene	105	10.309	10.309	0.000	93	63667	5.00	5.42	
109 4-Chlorotoluene	91	10.350	10.350	0.000	97	51153	5.00	5.50	
110 Butyl Methacrylate	87	10.391	10.391	0.000	90	22715	5.00	5.42	
111 tert-Butylbenzene	119	10.547	10.547	0.000	96	46336	5.00	5.01	
112 1,2,4-Trimethylbenzene	105	10.596	10.596	0.000	97	65036	5.00	5.39	
113 sec-Butylbenzene	105	10.711	10.711	0.000	99	76000	5.00	5.18	
114 4-Isopropyltoluene	119	10.810	10.810	0.000	98	69453	5.00	5.30	
115 1,3-Dichlorobenzene	146	10.818	10.818	0.000	96	35339	5.00	5.58	
* 116 1,4-Dichlorobenzene-d4	152	10.876	10.876	0.000	95	95384	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.892	10.884	0.008	96	36739	5.00	5.61	
132 1,2,3-Trimethylbenzene	105	10.892	10.900	-0.008	97	66646	5.00	5.16	
118 Benzyl chloride	91	10.991	10.991	0.000	99	36864	5.00	5.77	
119 2,3-Dihydroindene	117	11.032	11.032	0.000	95	71501	5.00	5.59	
120 p-Diethylbenzene	119	11.065	11.065	0.000	92	40892	5.00	5.59	
121 n-Butylbenzene	92	11.081	11.081	0.000	97	37591	5.00	5.42	
122 1,2-Dichlorobenzene	146	11.139	11.139	0.000	96	35444	5.00	5.56	
123 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	98	69030	5.00	5.39	
124 1,2-Dibromo-3-Chloropropan	75	11.623	11.623	0.000	94	3814	5.00	5.86	
125 1,3,5-Trichlorobenzene	180	11.706	11.705	0.001	96	29245	5.00	5.54	
126 1,2,4-Trichlorobenzene	180	12.108	12.108	0.000	94	28086	5.00	5.59	
127 Hexachlorobutadiene	225	12.166	12.166	0.000	94	10921	5.00	5.49	
128 Naphthalene	128	12.281	12.272	0.009	100	63898	5.00	5.40	
129 1,2,3-Trichlorobenzene	180	12.437	12.437	0.000	96	26388	5.00	5.67	
S 130 1,2-Dichloroethene, Total	100				0		10.0	11.4	
S 131 Xylenes, Total	100				0		10.0	11.2	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00305	Amount Added:	10.00	Units: uL	
ACROLEIN W_00088	Amount Added:	4.00	Units: uL	
524freon_00003	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00095	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00020	Amount Added:	5.00	Units: uL	Run Reagent

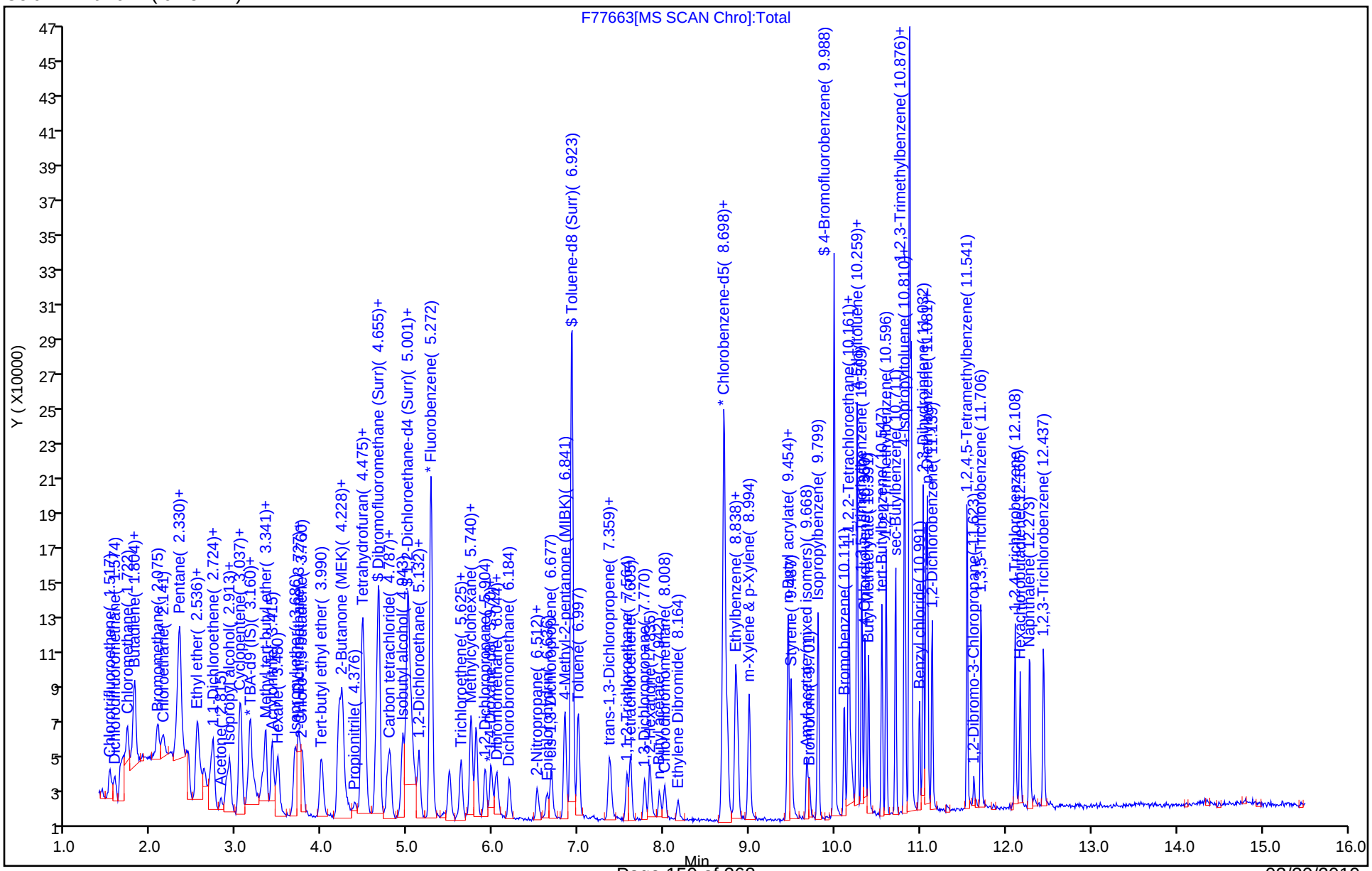
Report Date: 15-Mar-2019 15:38:32 Chrom Revision: 2.3 11-Feb-2019 16:31:10

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77663.D

Injection Date:	14-Mar-2019 11:38:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

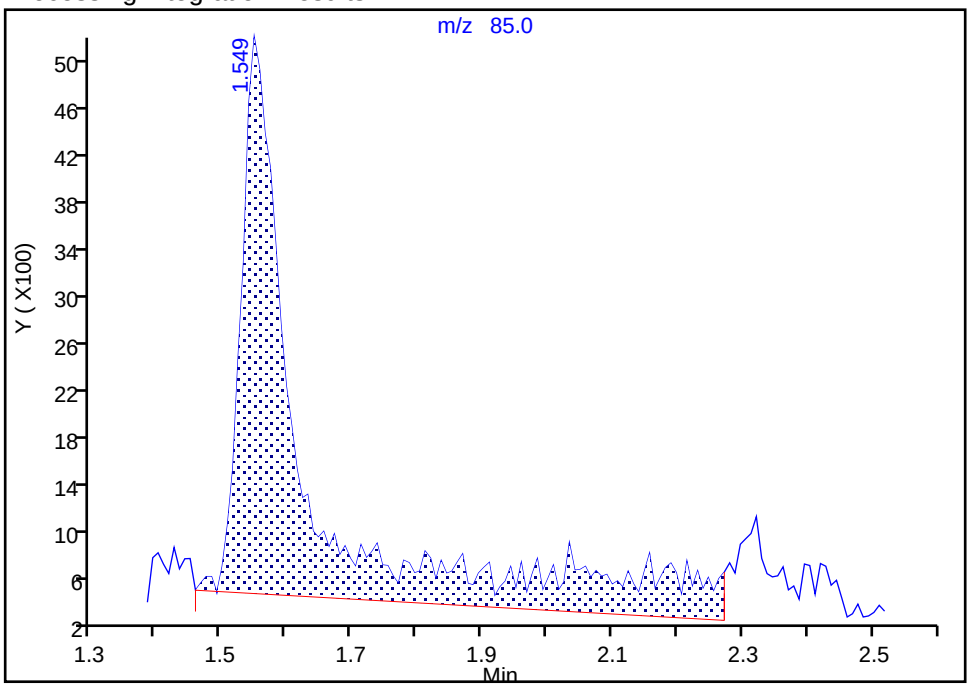
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77663.D
Injection Date: 14-Mar-2019 11:38:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

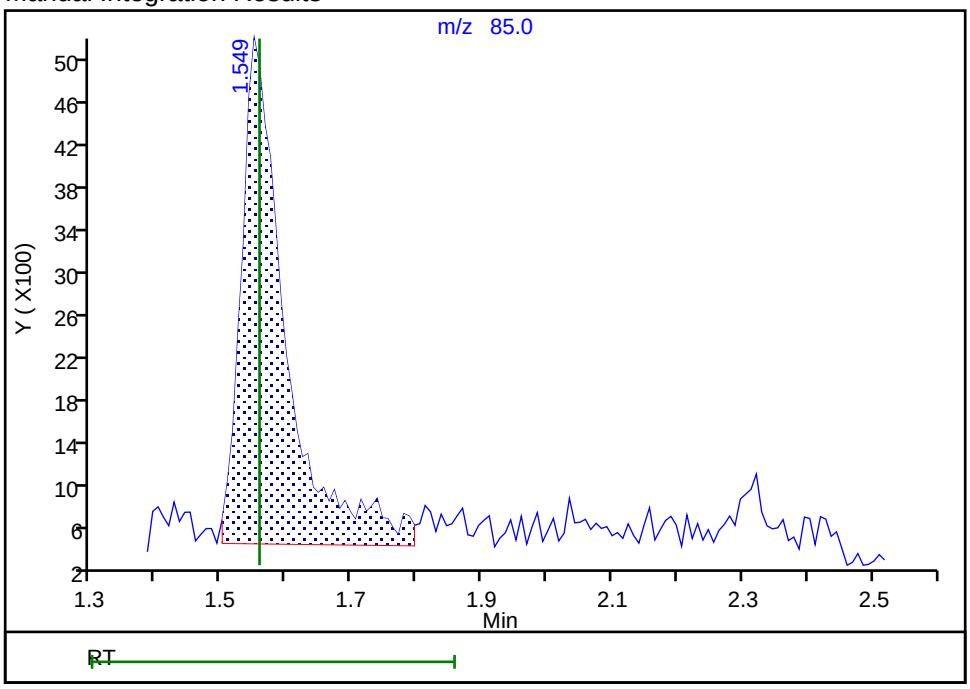
Processing Integration Results

RT: 1.55
Area: 32196
Amount: 7.759931
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 22617
Amount: 5.359668
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:35:08
Audit Action: Manually Integrated Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

TestAmerica Edison

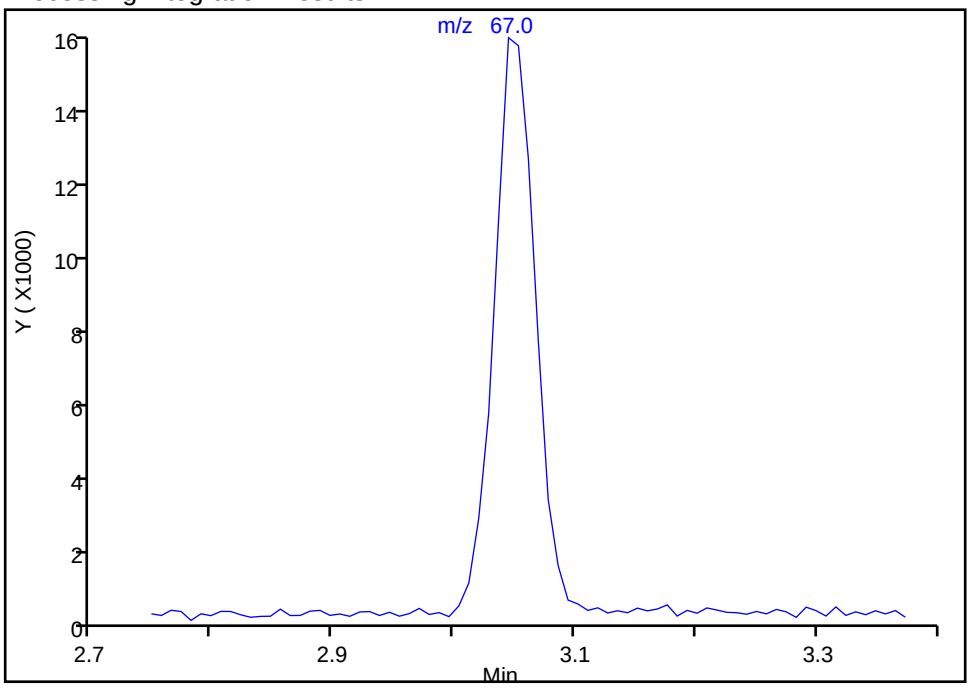
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77663.D
Injection Date: 14-Mar-2019 11:38:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Cyclopentene, CAS: 142-29-0

Signal: 1

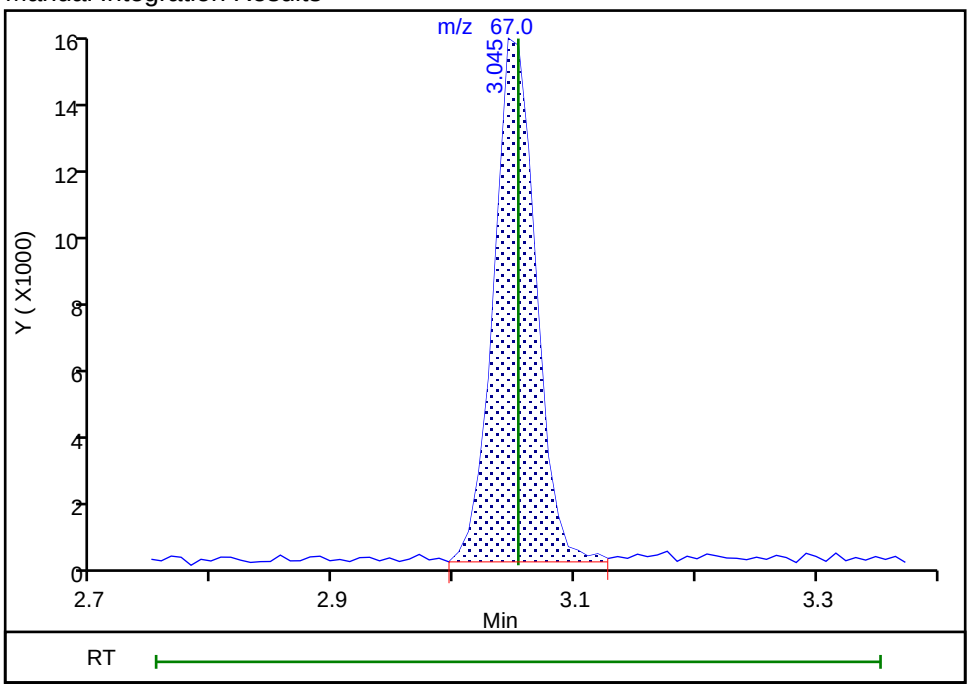
Not Detected
Expected RT: 3.05

Processing Integration Results



Manual Integration Results

RT: 3.04
Area: 36524
Amount: 5.398776
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:35:18
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

TestAmerica Edison

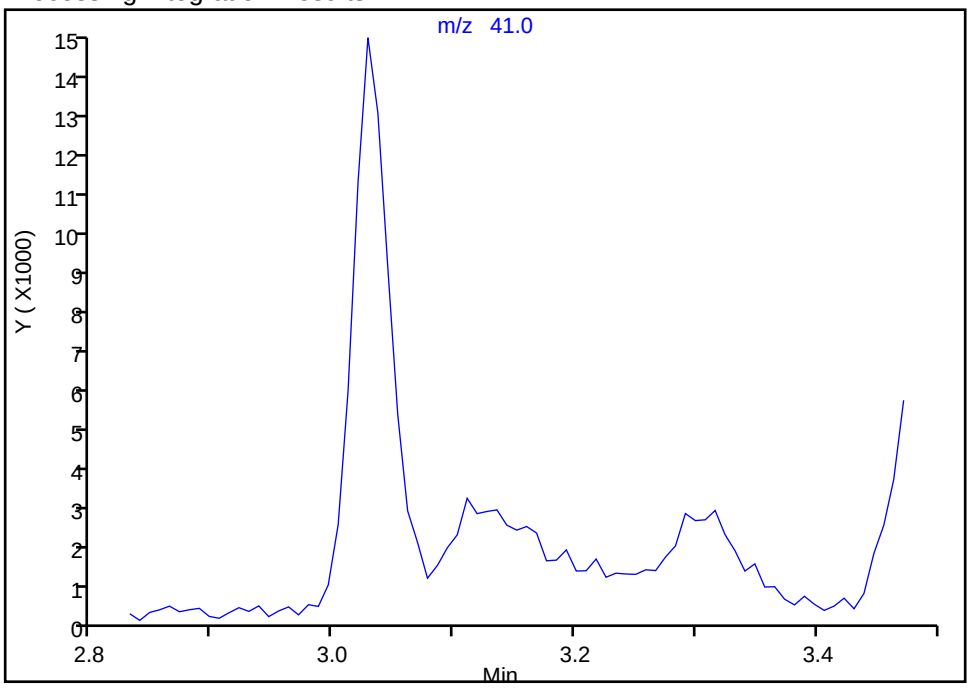
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77663.D
Injection Date: 14-Mar-2019 11:38:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

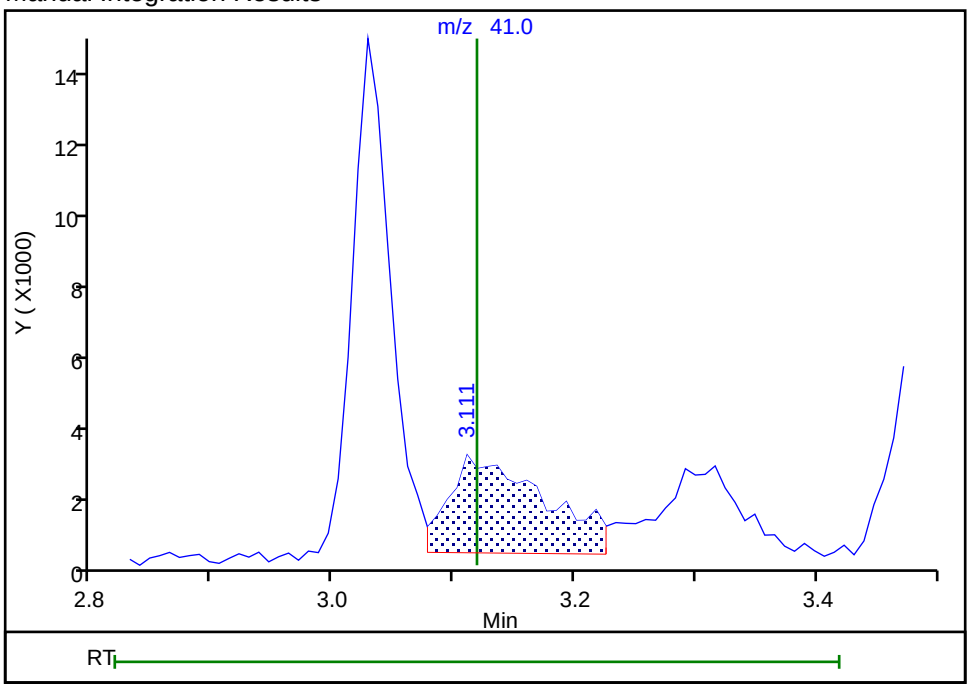
Not Detected
Expected RT: 3.12

Processing Integration Results



Manual Integration Results

RT: 3.11
Area: 13902
Amount: 49.004161
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:35:22
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

TestAmerica Edison

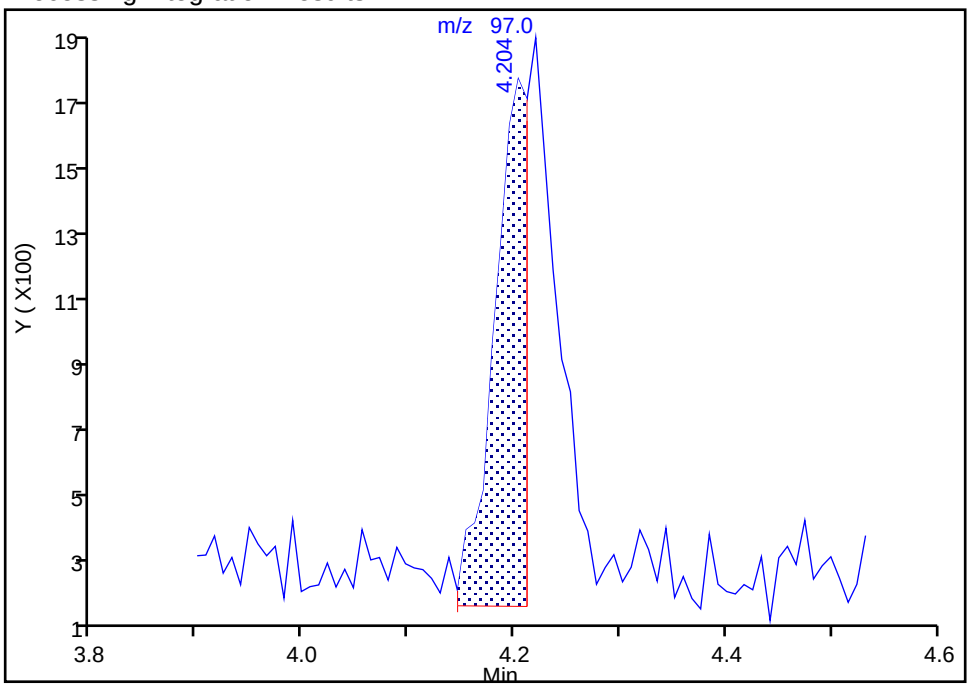
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77663.D
Injection Date: 14-Mar-2019 11:38:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

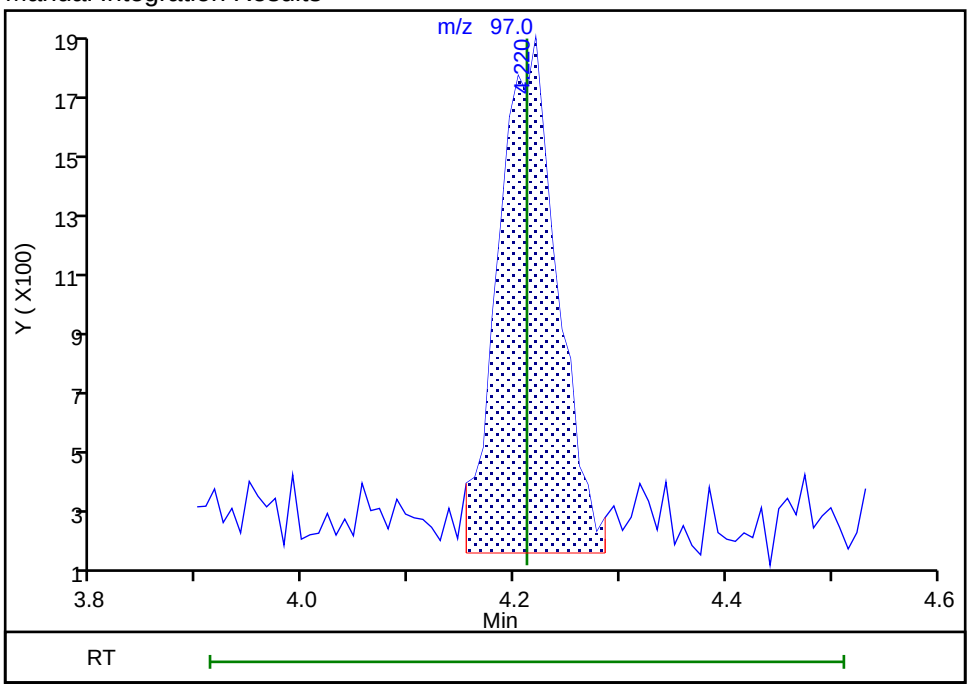
Processing Integration Results

RT: 4.20
Area: 3449
Amount: 3.407943
Amount Units: ug/l



Manual Integration Results

RT: 4.22
Area: 6352
Amount: 6.051719
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:35:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

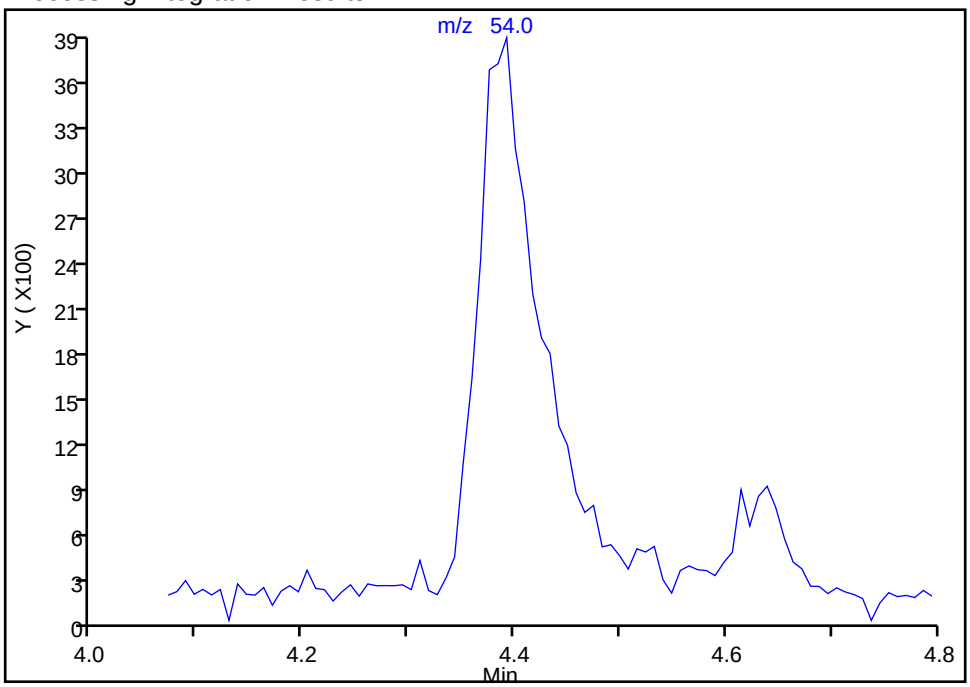
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77663.D
Injection Date: 14-Mar-2019 11:38:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

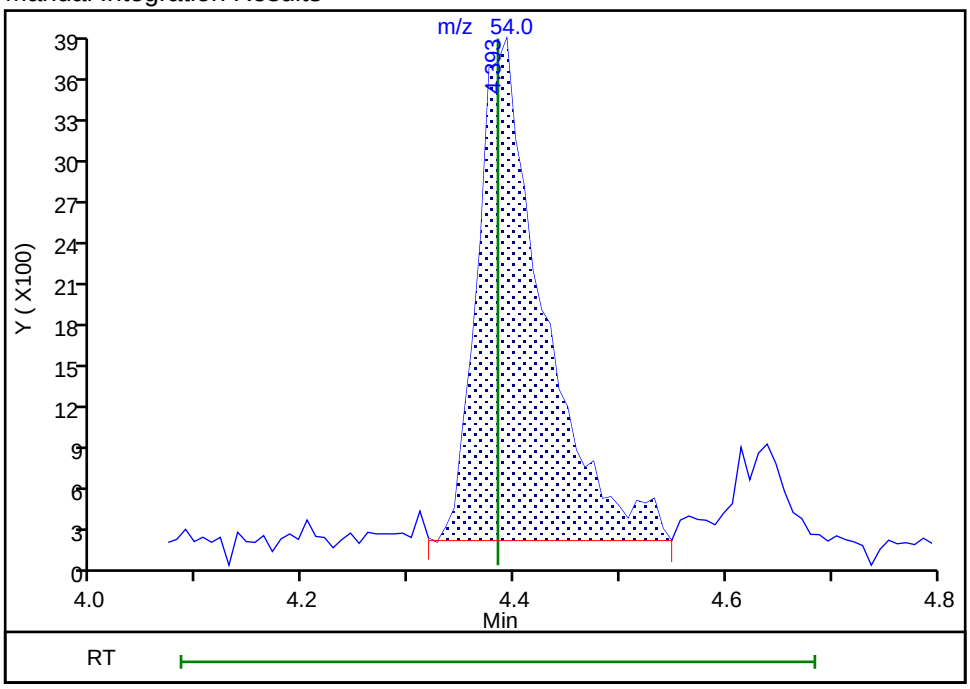
Not Detected
Expected RT: 4.38

Processing Integration Results



Manual Integration Results

RT: 4.39
Area: 15830
Amount: 51.582403
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:36:03
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

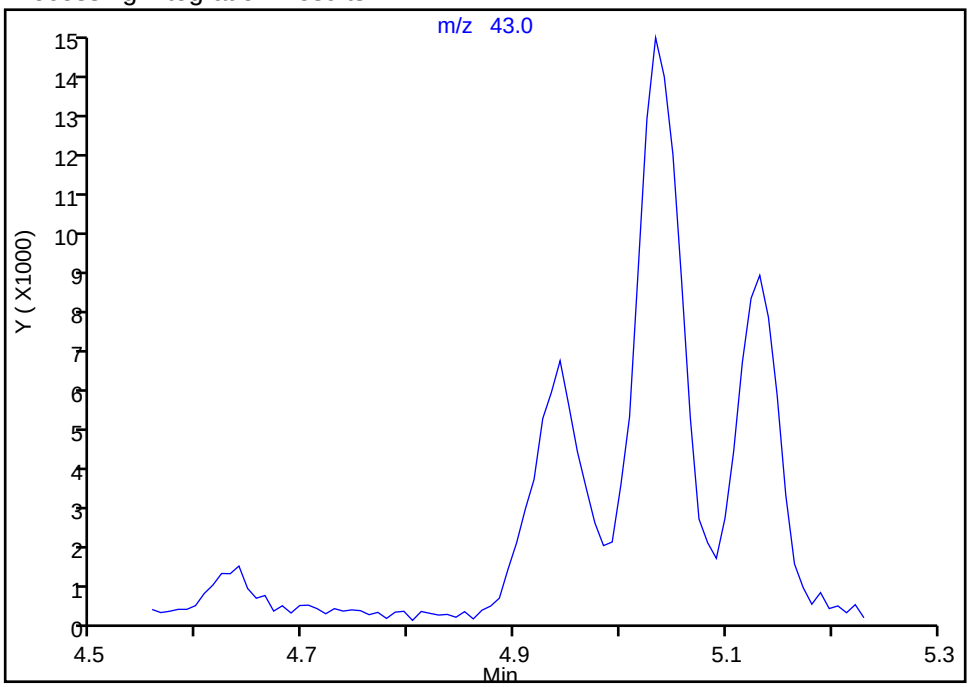
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77663.D
Injection Date: 14-Mar-2019 11:38:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

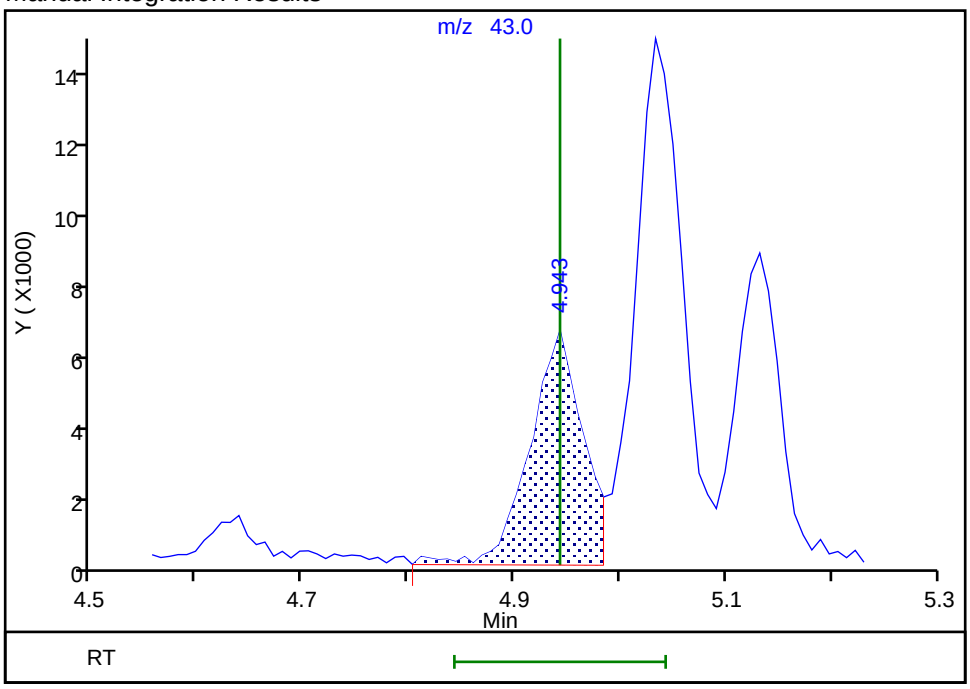
Not Detected
Expected RT: 4.94

Processing Integration Results



Manual Integration Results

RT: 4.94
Area: 21571
Amount: 135.5912
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:36:10
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

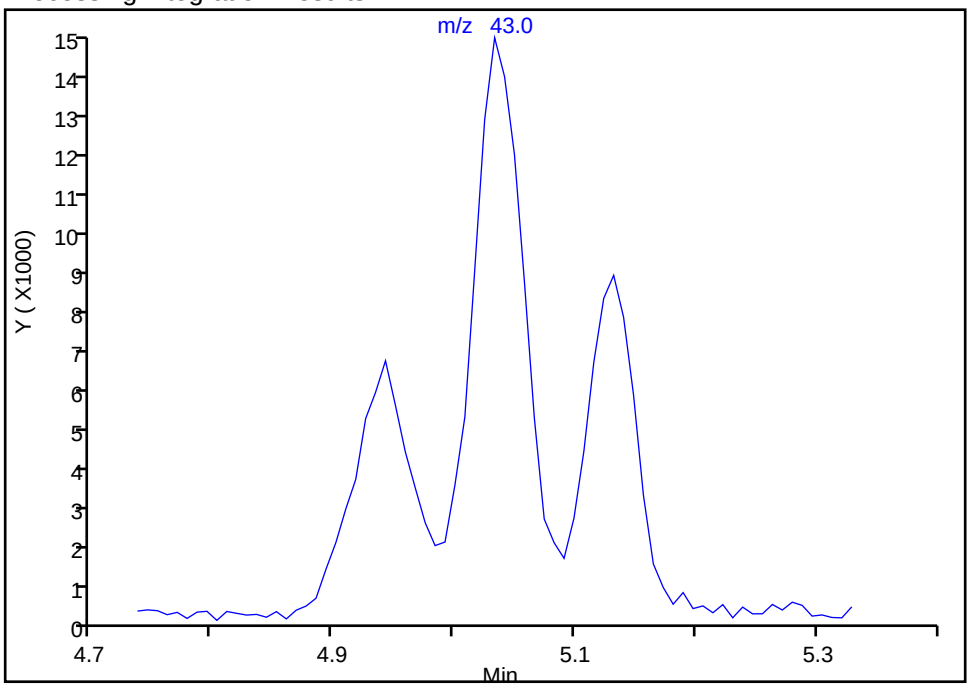
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77663.D
Injection Date: 14-Mar-2019 11:38:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 Isopropyl acetate, CAS: 108-21-4

Signal: 1

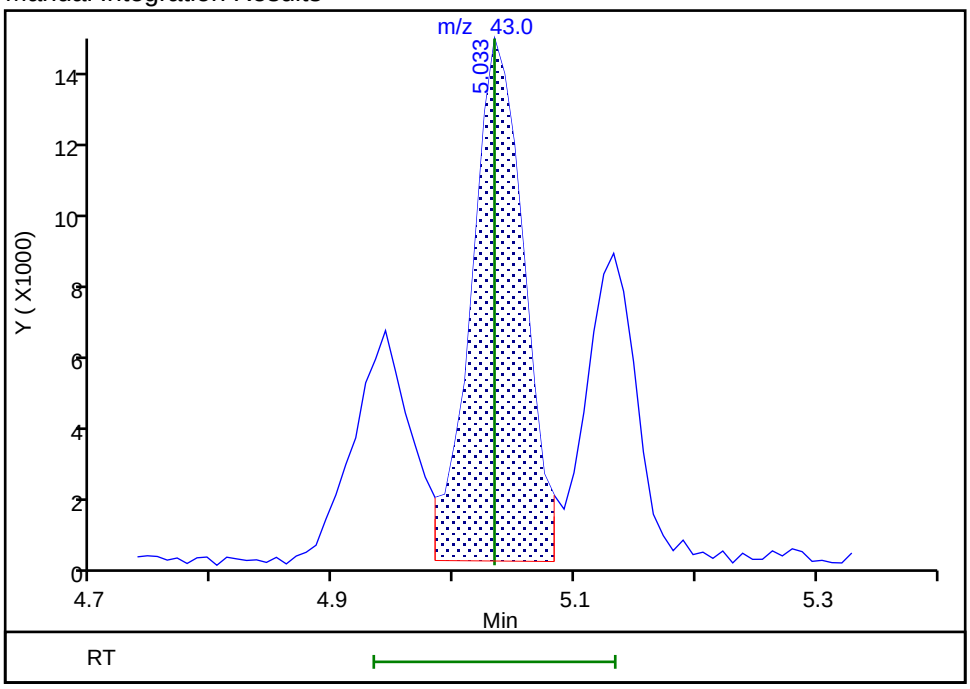
Not Detected
Expected RT: 5.03

Processing Integration Results



Manual Integration Results

RT: 5.03
Area: 41809
Amount: 5.236228
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:36:17
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

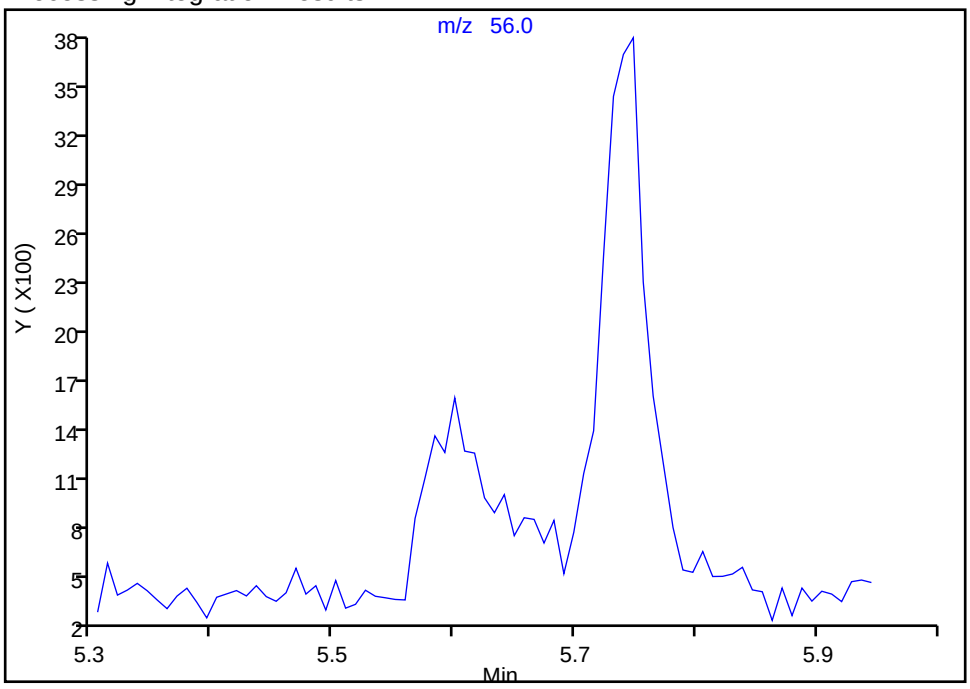
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77663.D
Injection Date: 14-Mar-2019 11:38:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 n-Butanol, CAS: 71-36-3

Signal: 1

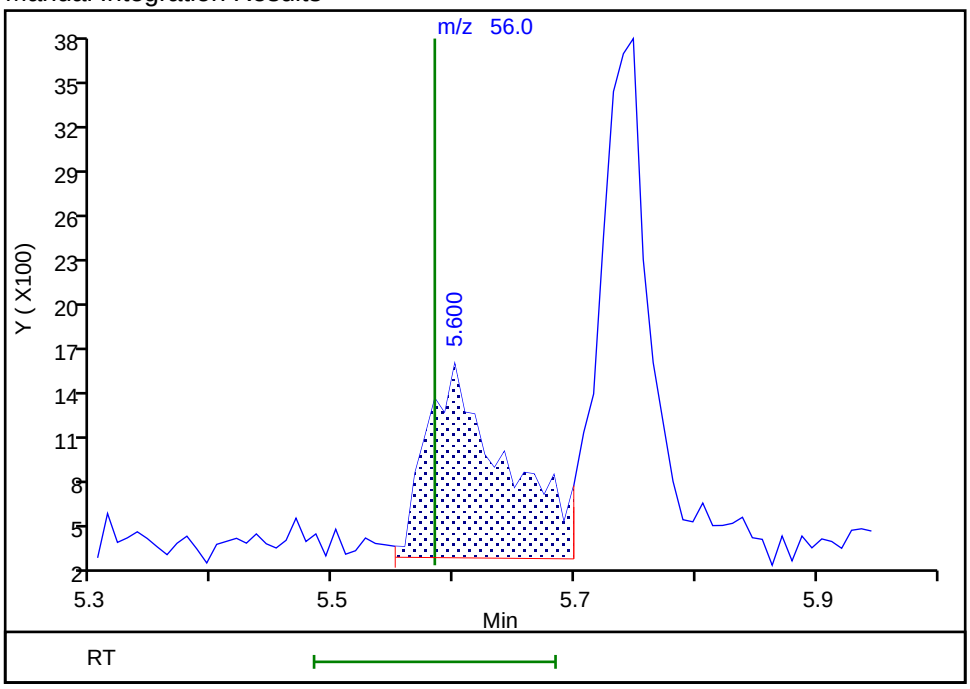
Not Detected
Expected RT: 5.58

Processing Integration Results



Manual Integration Results

RT: 5.60
Area: 5896
Amount: 122.4950
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:36:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

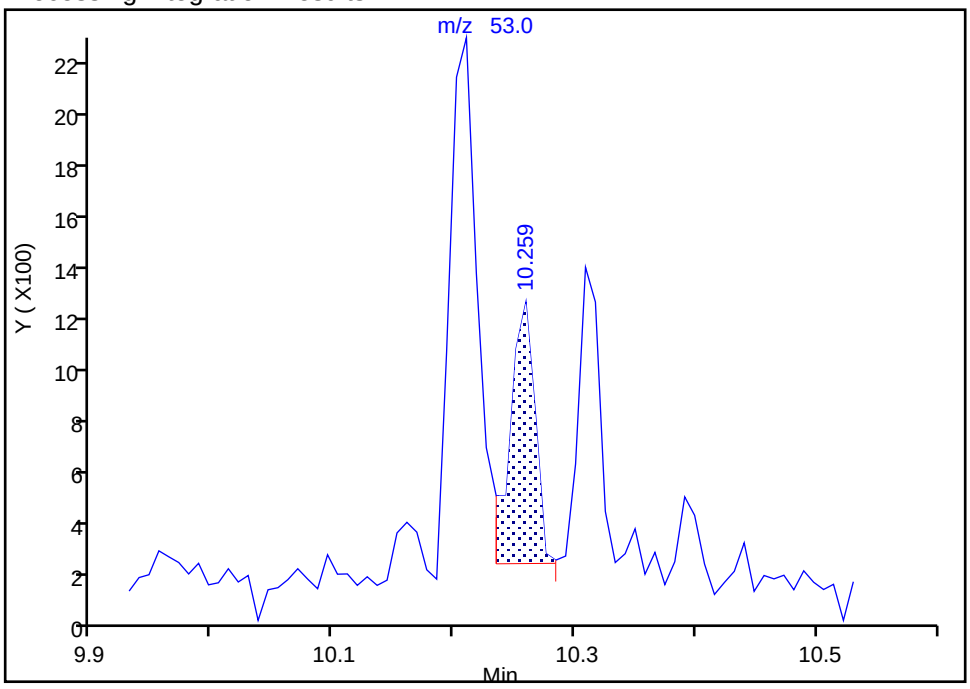
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77663.D
Injection Date: 14-Mar-2019 11:38:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

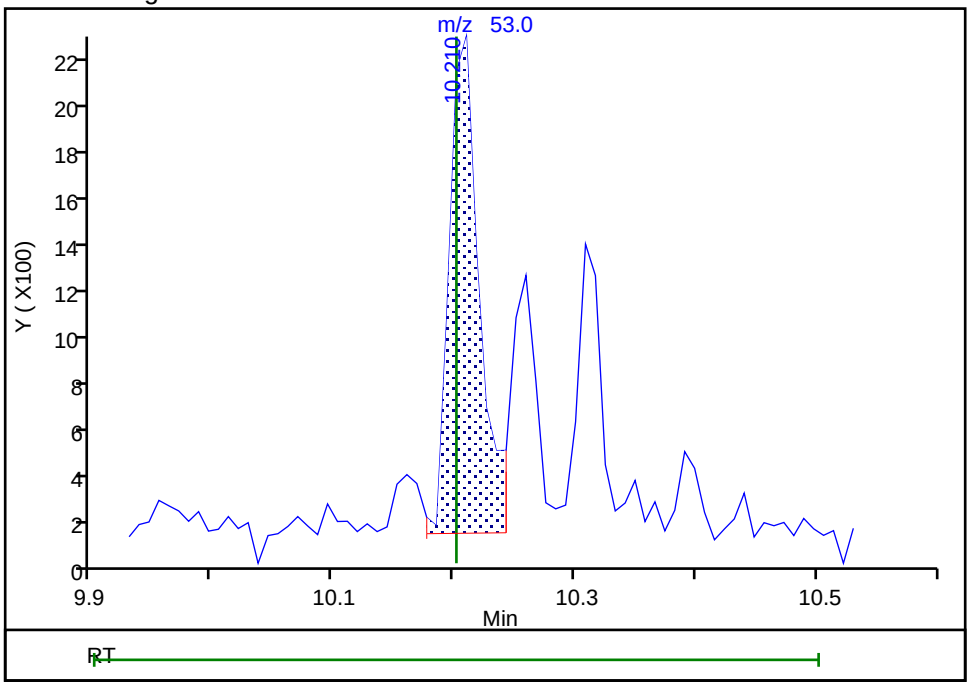
Processing Integration Results

RT: 10.26
Area: 1464
Amount: 2.092208
Amount Units: ug/l



Manual Integration Results

RT: 10.21
Area: 3719
Amount: 5.351864
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:36:41
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77664.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 14-Mar-2019 12:03:30 ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0087864-006
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub55

Method: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-Mar-2019 15:38:46 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0315

First Level Reviewer: martineze Date: 14-Mar-2019 14:27:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.533	1.533	0.000	54	22424	20.0	17.8	
2 Dichlorodifluoromethane	85	1.558	1.558	0.000	86	89050	20.0	20.6	
3 Chloromethane	50	1.722	1.722	0.000	99	83892	20.0	19.1	
5 Butadiene	54	1.804	1.804	0.000	96	72823	20.0	20.4	
4 Vinyl chloride	62	1.812	1.812	0.000	98	86243	20.0	19.8	
6 Bromomethane	94	2.075	2.075	0.000	99	57256	20.0	19.6	
7 Chloroethane	64	2.133	2.133	0.000	99	51785	20.0	19.6	
8 Dichlorofluoromethane	67	2.314	2.314	0.000	98	122441	20.0	18.9	
9 Trichlorofluoromethane	101	2.322	2.322	0.000	97	91917	20.0	20.0	
10 Pentane	72	2.338	2.338	0.000	97	24613	40.0	41.2	
11 Ethanol	46	2.519	2.519	0.000	72	3614	800.0	769.2	
12 Ethyl ether	59	2.519	2.519	0.000	94	45125	20.0	20.5	
13 2-Methyl-1,3-butadiene	53	2.544	2.544	0.000	97	51151	20.0	21.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.577	2.577	0.000	91	52271	20.0	19.2	
15 Acrolein	56	2.692	2.692	0.000	51	17153	40.0	43.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.700	2.700	0.000	93	55117	20.0	20.4	
17 1,1-Dichloroethene	96	2.724	2.724	0.000	98	52187	20.0	19.8	
18 Acetone	43	2.815	2.815	0.000	86	73933	100.0	98.0	
19 Iodomethane	142	2.881	2.881	0.000	98	95480	20.0	19.7	
20 Isopropyl alcohol	45	2.913	2.913	0.000	26	31460	200.0	241.5	
21 Carbon disulfide	76	2.913	2.913	0.000	100	192975	20.0	20.0	
22 3-Chloro-1-propene	41	3.028	3.028	0.000	95	110755	20.0	20.1	
24 Methyl acetate	43	3.045	3.045	0.000	99	76758	40.0	39.7	
23 Cyclopentene	67	3.053	3.053	0.000	95	140578	20.0	20.3	
25 Acetonitrile	41	3.119	3.119	0.000	98	70677	200.0	223.7	
27 Methylene Chloride	84	3.160	3.160	0.000	93	61096	20.0	20.3	
* 26 TBA-d9 (IS)	65	3.168	3.168	0.000	0	105058	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.226	3.226	0.000	91	52115	200.0	194.7	
29 Methyl tert-butyl ether	73	3.308	3.308	0.000	97	149667	20.0	21.1	
30 trans-1,2-Dichloroethene	96	3.341	3.341	0.000	96	57575	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.406	3.406	0.000	94	193187	200.0	207.0	
32 Hexane	43	3.480	3.480	0.000	93	51488	20.0	21.5	
33 Isopropyl ether	45	3.678	3.678	0.000	98	190435	20.0	20.5	
34 1,1-Dichloroethane	63	3.727	3.727	0.000	99	104247	20.0	20.1	
35 Vinyl acetate	86	3.735	3.735	0.000	99	20693	40.0	39.6	
36 2-Chloro-1,3-butadiene	88	3.768	3.768	0.000	90	52786	20.0	20.3	
37 Tert-butyl ethyl ether	59	3.990	3.990	0.000	89	170955	20.0	20.7	
* 38 2-Butanone-d5	46	4.195	4.195	0.000	0	104990	250.0	250.0	
39 2,2-Dichloropropane	97	4.212	4.212	0.000	94	21412	20.0	20.0	
40 cis-1,2-Dichloroethene	96	4.236	4.236	0.000	96	67078	20.0	20.4	
41 2-Butanone (MEK)	72	4.245	4.245	0.000	96	26577	100.0	93.5	
42 Ethyl acetate	70	4.245	4.245	0.000	94	9084	40.0	35.8	
43 Methyl acrylate	55	4.302	4.302	0.000	99	37200	20.0	19.9	
44 Propionitrile	54	4.384	4.384	0.000	97	65768	200.0	192.5	
45 Chlorobromomethane	128	4.458	4.458	0.000	86	30726	20.0	19.2	
46 Tetrahydrofuran	72	4.458	4.458	0.000	56	12431	40.0	39.7	
47 Methacrylonitrile	67	4.475	4.475	0.000	93	198002	200.0	197.4	
48 Chloroform	83	4.507	4.507	0.000	99	96463	20.0	19.6	
49 Cyclohexane	84	4.631	4.631	0.000	92	94341	20.0	20.5	
50 1,1,1-Trichloroethane	97	4.647	4.647	0.000	98	89426	20.0	19.5	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	97	73712	50.0	50.6	
52 Carbon tetrachloride	117	4.762	4.762	0.000	98	75698	20.0	20.0	
53 1,1-Dichloropropene	75	4.795	4.795	0.000	97	75679	20.0	19.8	
54 Isobutyl alcohol	43	4.943	4.943	0.000	43	87182	500.0	492.1	a
55 Benzene	78	4.992	4.992	0.000	96	227913	20.0	19.9	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.009	5.009	0.000	0	74087	50.0	48.3	
57 Isopropyl acetate	43	5.033	5.033	0.000	96	158698	20.0	19.4	a
58 Tert-amyl methyl ether	73	5.042	5.042	0.000	90	199881	20.0	20.8	a
59 1,2-Dichloroethane	62	5.083	5.083	0.000	97	68034	20.0	19.4	
60 n-Heptane	57	5.132	5.132	0.000	91	43842	20.0	19.3	
* 61 Fluorobenzene	96	5.272	5.272	0.000	99	240334	50.0	50.0	
62 n-Butanol	56	5.584	5.584	0.000	89	25046	500.0	467.3	
63 Trichloroethene	95	5.625	5.625	0.000	97	51791	20.0	18.7	
65 Ethyl acrylate	55	5.740	5.740	0.000	94	131511	20.0	19.7	
64 Methylcyclohexane	83	5.740	5.740	0.000	90	109032	20.0	20.2	
66 1,2-Dichloropropane	63	5.904	5.904	0.000	93	54594	20.0	19.5	
68 Methyl methacrylate	100	5.970	5.970	0.000	87	25103	40.0	39.1	
* 67 1,4-Dioxane-d8	96	5.978	5.978	0.000	0	10362	1000.0	1000.0	
69 1,4-Dioxane	88	6.028	6.028	0.000	27	8382	400.0	463.8	
70 n-Propyl acetate	43	6.028	6.028	0.000	98	58307	20.0	19.5	
71 Dibromomethane	93	6.044	6.044	0.000	93	31202	20.0	18.4	
72 Dichlorobromomethane	83	6.192	6.192	0.000	99	69368	20.0	19.1	
73 2-Nitropropane	41	6.512	6.512	0.000	82	25817	40.0	41.0	
74 2-Chloroethyl vinyl ether	63	6.512	6.512	0.000	68	25150	20.0	18.0	
75 Epichlorohydrin	57	6.627	6.627	0.000	99	85792	400.0	406.5	
76 cis-1,3-Dichloropropene	75	6.677	6.677	0.000	92	75609	20.0	19.5	
77 4-Methyl-2-pentanone (MIBK	43	6.833	6.833	0.000	97	232409	100.0	106.0	
$ 78 Toluene-d8 (Surr)	98	6.923	6.923	0.000	100	259221	50.0	50.4	
79 Toluene	91	6.997	6.997	0.000	93	220252	20.0	19.6	
80 trans-1,3-Dichloropropene	75	7.351	7.351	0.000	97	64505	20.0	20.0	
81 Ethyl methacrylate	69	7.367	7.367	0.000	89	63114	20.0	19.6	
82 1,1,2-Trichloroethane	83	7.564	7.564	0.000	95	34596	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
83 Tetrachloroethene	166	7.605	7.605	0.000	97	53478	20.0	20.2	
84 1,3-Dichloropropane	76	7.770	7.770	0.000	92	67989	20.0	19.7	
85 2-Hexanone	43	7.827	7.827	0.000	96	125983	100.0	105.0	
86 n-Butyl acetate	43	7.942	7.942	0.000	99	69417	20.0	20.6	
87 Chlorodibromomethane	129	8.008	8.008	0.000	98	48932	20.0	20.2	
88 Ethylene Dibromide	107	8.164	8.164	0.000	99	38835	20.0	19.9	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	85	163852	50.0	50.0	
90 Chlorobenzene	112	8.739	8.739	0.000	95	137011	20.0	20.0	
91 Ethylbenzene	106	8.838	8.838	0.000	98	83775	20.0	20.1	
92 1,1,1,2-Tetrachloroethane	131	8.862	8.862	0.000	96	57109	20.0	19.8	
93 m-Xylene & p-Xylene	106	8.994	8.994	0.000	0	101110	20.0	19.9	
94 n-Butyl acrylate	73	9.438	9.438	0.000	98	42508	20.0	20.3	
95 o-Xylene	106	9.454	9.454	0.000	94	108155	20.0	20.4	
96 Styrene	104	9.487	9.487	0.000	95	165564	20.0	20.4	
97 Amyl acetate (mixed isomer	43	9.668	9.668	0.000	92	91241	20.0	20.1	
98 Bromoform	173	9.701	9.701	0.000	97	33063	20.0	20.7	
99 Isopropylbenzene	105	9.799	9.799	0.000	96	278349	20.0	20.3	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	91	81178	50.0	50.6	
101 Bromobenzene	156	10.111	10.111	0.000	98	62819	20.0	19.7	
102 1,1,2,2-Tetrachloroethane	83	10.144	10.144	0.000	99	60324	20.0	20.4	
103 N-Propylbenzene	91	10.161	10.161	0.000	99	324487	20.0	20.2	
104 1,2,3-Trichloropropane	110	10.185	10.185	0.000	92	17905	20.0	19.3	
105 trans-1,4-Dichloro-2-buten	53	10.202	10.202	0.000	93	14905	20.0	20.8	
106 2-Chlorotoluene	91	10.259	10.259	0.000	90	222660	20.0	19.9	
107 4-Ethyltoluene	105	10.259	10.259	0.000	89	275050	20.0	19.9	
108 1,3,5-Trimethylbenzene	105	10.309	10.309	0.000	94	241201	20.0	19.9	
109 4-Chlorotoluene	91	10.350	10.350	0.000	97	191043	20.0	19.9	
110 Butyl Methacrylate	87	10.391	10.391	0.000	90	87061	20.0	20.2	
111 tert-Butylbenzene	119	10.547	10.547	0.000	95	185973	20.0	19.5	
112 1,2,4-Trimethylbenzene	105	10.596	10.596	0.000	97	248322	20.0	20.0	
113 sec-Butylbenzene	105	10.711	10.711	0.000	99	300723	20.0	19.9	
114 4-Isopropyltoluene	119	10.810	10.810	0.000	98	267296	20.0	19.8	
115 1,3-Dichlorobenzene	146	10.818	10.818	0.000	96	131023	20.0	20.1	
* 116 1,4-Dichlorobenzene-d4	152	10.876	10.876	0.000	95	98207	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.884	10.884	0.000	95	134512	20.0	19.9	
132 1,2,3-Trimethylbenzene	105	10.900	10.900	0.000	97	264076	20.0	19.9	
118 Benzyl chloride	91	10.991	10.991	0.000	99	144714	20.0	20.8	
119 2,3-Dihydroindene	117	11.032	11.032	0.000	95	264100	20.0	20.0	
120 p-Diethylbenzene	119	11.065	11.065	0.000	93	155551	20.0	20.7	
121 n-Butylbenzene	92	11.081	11.081	0.000	98	141314	20.0	19.8	
122 1,2-Dichlorobenzene	146	11.139	11.139	0.000	96	133419	20.0	20.3	
123 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	98	268404	20.0	20.3	
124 1,2-Dibromo-3-Chloropropan	75	11.623	11.623	0.000	95	13388	20.0	20.0	
125 1,3,5-Trichlorobenzene	180	11.705	11.705	0.000	98	110401	20.0	20.3	
126 1,2,4-Trichlorobenzene	180	12.108	12.108	0.000	94	105520	20.0	20.4	
127 Hexachlorobutadiene	225	12.166	12.166	0.000	95	41123	20.0	20.1	
128 Naphthalene	128	12.272	12.272	0.000	99	249513	20.0	20.5	
129 1,2,3-Trichlorobenzene	180	12.437	12.437	0.000	96	97208	20.0	20.3	
S 130 1,2-Dichloroethene, Total	100				0		40.0	40.2	
S 131 Xylenes, Total	100				0		40.0	40.3	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00305	Amount Added:	20.00	Units: uL	
ACROLEIN W_00088	Amount Added:	4.00	Units: uL	
524freon_00003	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00095	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00020	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Mar-2019 15:38:51 Chrom Revision: 2.3 11-Feb-2019 16:31:10

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77664.D

Injection Date: 14-Mar-2019 12:03:30 Instrument ID: CVOAMS6 Operator ID:

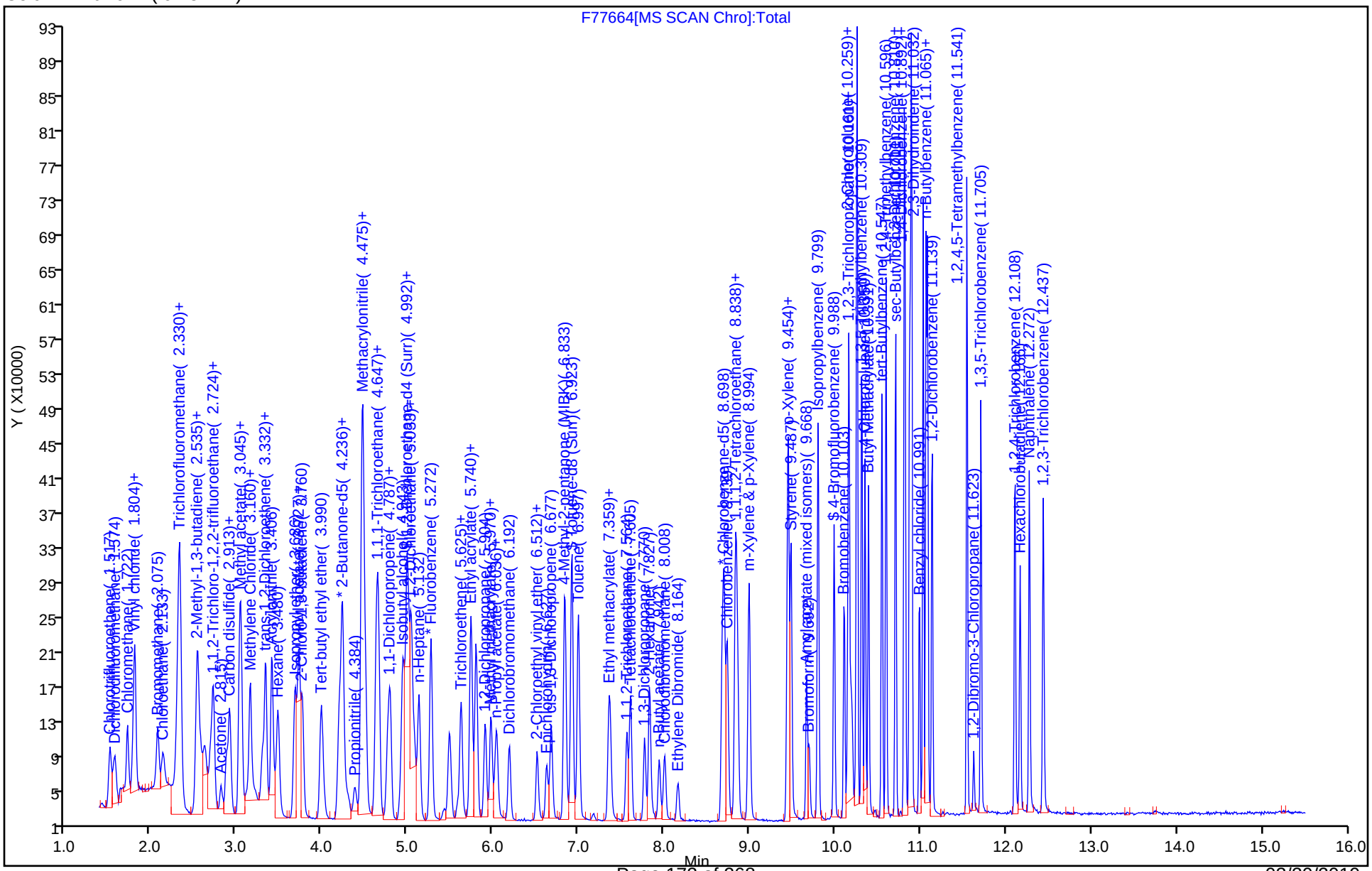
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

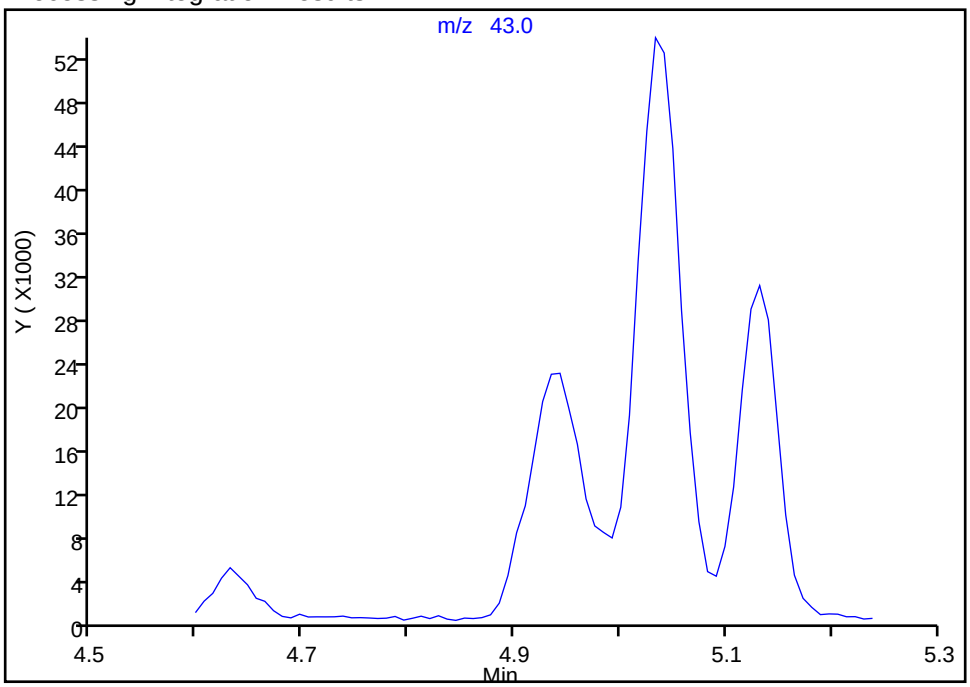
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77664.D
Injection Date: 14-Mar-2019 12:03:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

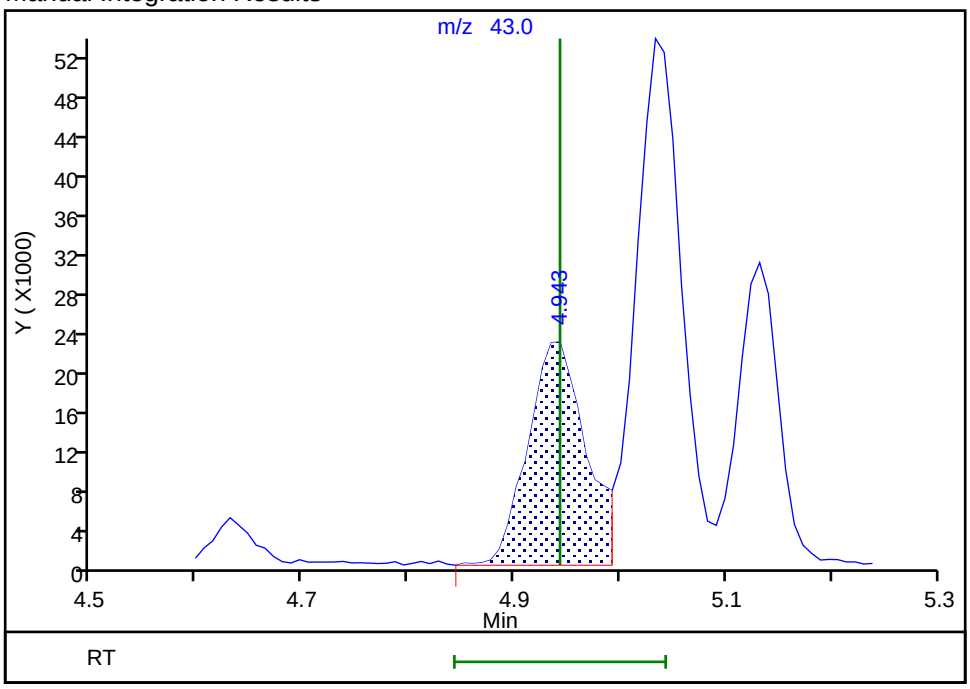
Not Detected
Expected RT: 4.94

Processing Integration Results



Manual Integration Results

RT: 4.94
Area: 87182
Amount: 492.1331
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:31:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

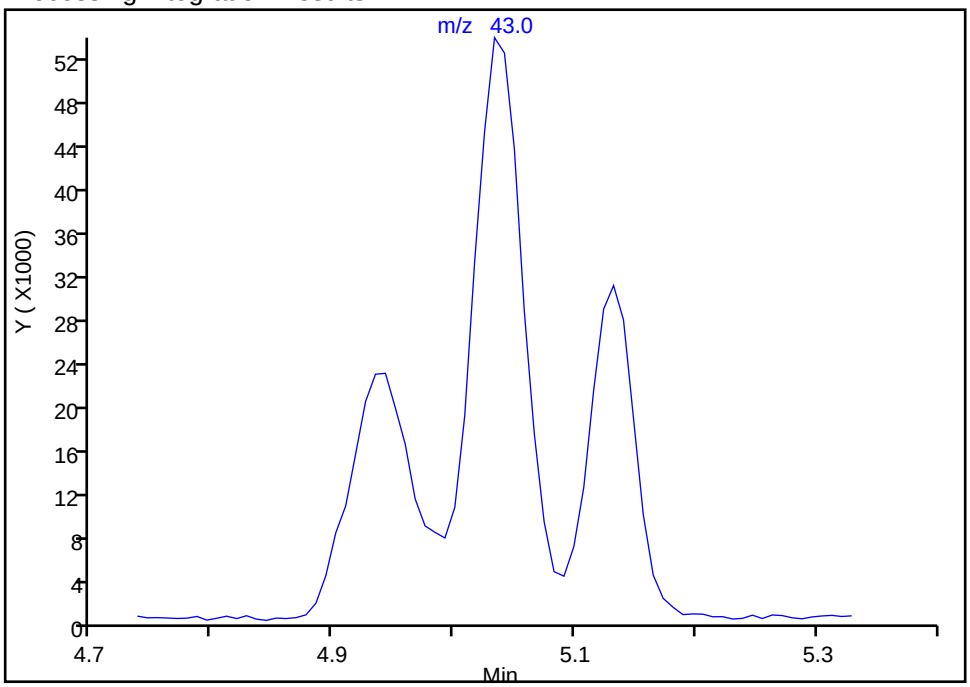
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77664.D
Injection Date: 14-Mar-2019 12:03:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 Isopropyl acetate, CAS: 108-21-4

Signal: 1

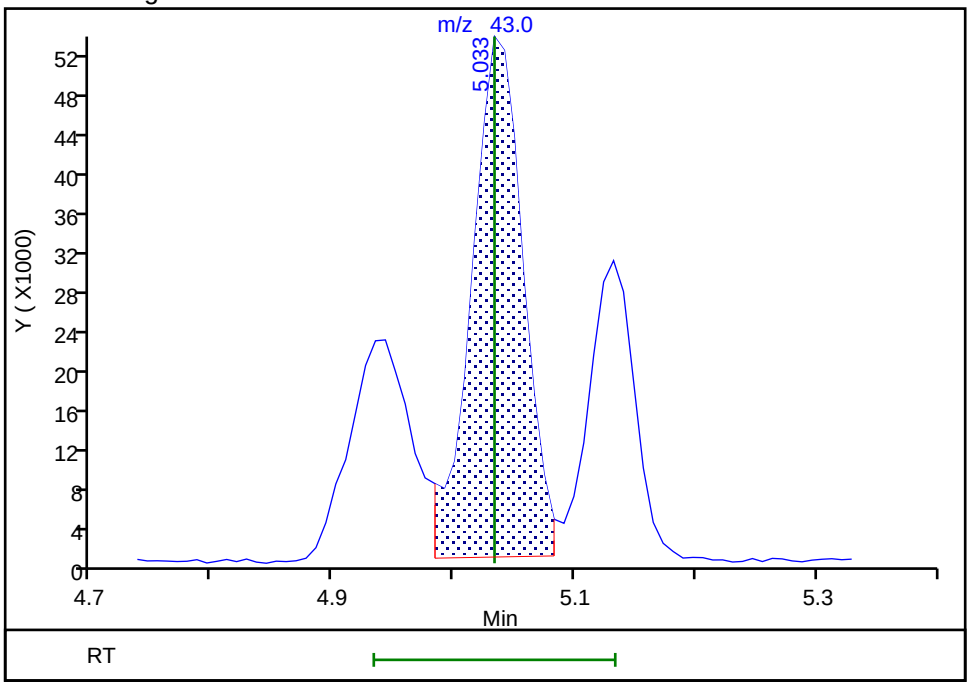
Not Detected
Expected RT: 5.03

Processing Integration Results



Manual Integration Results

RT: 5.03
Area: 158698
Amount: 19.449033
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:31:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

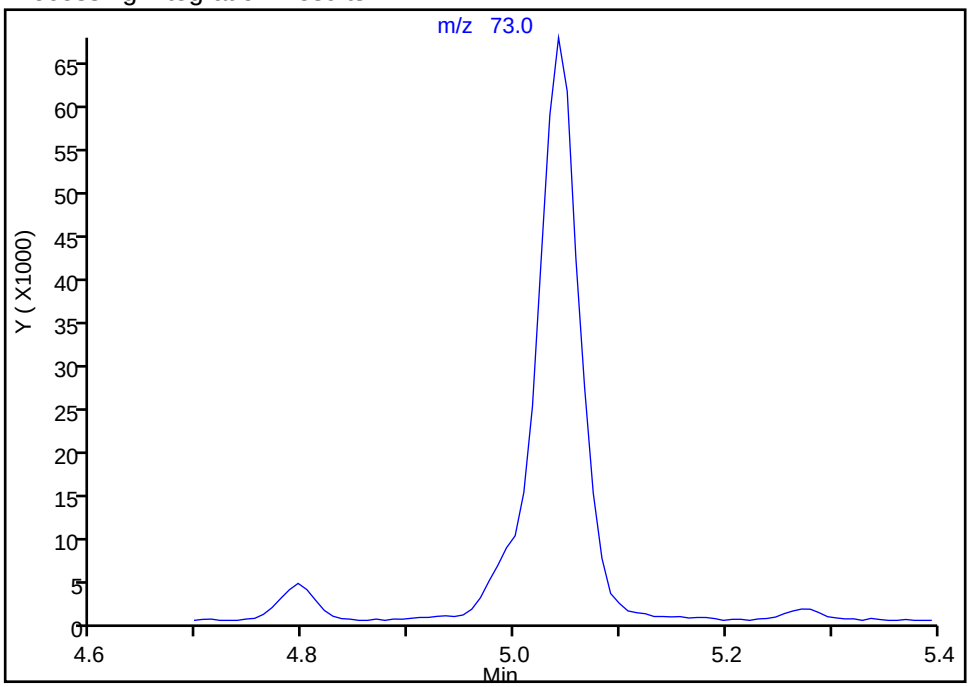
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77664.D
Injection Date: 14-Mar-2019 12:03:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

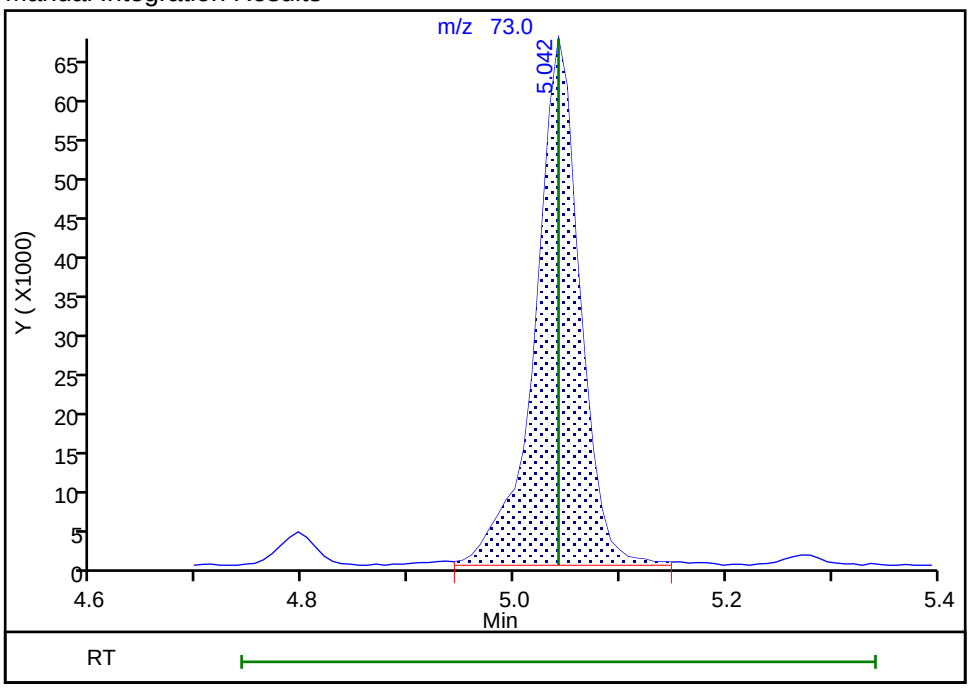
Not Detected
Expected RT: 5.04

Processing Integration Results



Manual Integration Results

RT: 5.04
Area: 199881
Amount: 20.771882
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:31:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77665.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 14-Mar-2019 12:27:30 ALS Bottle#: 8 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0087864-007
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub55

Method: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-Mar-2019 15:39:04 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0315

First Level Reviewer: martineze Date: 14-Mar-2019 14:28:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.508	1.533	-0.025	50	48999	50.0	38.6	
2 Dichlorodifluoromethane	85	1.549	1.558	-0.009	99	212550	50.0	49.0	
3 Chloromethane	50	1.714	1.722	-0.008	99	207782	50.0	47.1	
5 Butadiene	54	1.796	1.804	-0.008	96	175748	50.0	48.9	
4 Vinyl chloride	62	1.804	1.812	-0.008	98	211614	50.0	48.4	
6 Bromomethane	94	2.067	2.075	-0.008	99	142953	50.0	48.6	
7 Chloroethane	64	2.125	2.133	-0.008	99	126548	50.0	47.5	
8 Dichlorofluoromethane	67	2.305	2.314	-0.009	98	302212	50.0	46.4	
9 Trichlorofluoromethane	101	2.314	2.322	-0.008	97	224659	50.0	48.7	
10 Pentane	72	2.322	2.338	-0.016	97	57323	100.0	97.4	
12 Ethyl ether	59	2.511	2.519	-0.008	94	106819	50.0	48.2	
11 Ethanol	46	2.511	2.519	-0.008	73	11381	2000.0	2453.8	
13 2-Methyl-1,3-butadiene	53	2.535	2.544	-0.009	97	117111	50.0	48.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.568	2.577	-0.008	85	129044	50.0	47.2	a
15 Acrolein	56	2.683	2.692	-0.009	57	39602	100.0	102.4	
16 1,1,2-Trichloro-1,2,2-trif	101	2.692	2.700	-0.008	93	127541	50.0	46.9	
17 1,1-Dichloroethene	96	2.716	2.724	-0.008	97	124532	50.0	46.9	
18 Acetone	43	2.807	2.815	-0.008	88	177030	250.0	223.2	
19 Iodomethane	142	2.872	2.881	-0.009	97	236217	50.0	48.4	
21 Carbon disulfide	76	2.913	2.913	0.000	99	471161	50.0	48.5	
20 Isopropyl alcohol	45	2.897	2.913	-0.016	26	72782	500.0	566.0	
22 3-Chloro-1-propene	41	3.020	3.028	-0.008	92	266772	50.0	48.1	
24 Methyl acetate	43	3.037	3.045	-0.008	99	179778	100.0	92.5	
23 Cyclopentene	67	3.045	3.053	-0.008	95	334982	50.0	48.1	
25 Acetonitrile	41	3.111	3.119	-0.008	96	173252	500.0	555.6	
27 Methylene Chloride	84	3.152	3.160	-0.008	93	151346	50.0	49.9	
* 26 TBA-d9 (IS)	65	3.152	3.168	-0.016	0	103707	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.217	3.226	-0.009	91	126282	500.0	477.8	
29 Methyl tert-butyl ether	73	3.300	3.308	-0.008	96	360293	50.0	50.4	
30 trans-1,2-Dichloroethene	96	3.332	3.341	-0.009	95	140357	50.0	47.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.398	3.406	-0.008	94	474164	500.0	504.7	
32 Hexane	43	3.472	3.480	-0.008	93	118883	50.0	49.4	
33 Isopropyl ether	45	3.678	3.678	0.000	98	467167	50.0	50.1	
34 1,1-Dichloroethane	63	3.719	3.727	-0.008	99	249412	50.0	47.8	
35 Vinyl acetate	86	3.727	3.735	-0.008	100	51389	100.0	95.6	
36 2-Chloro-1,3-butadiene	88	3.760	3.768	-0.008	91	131510	50.0	50.3	
37 Tert-butyl ethyl ether	59	3.982	3.990	-0.008	89	415276	50.0	49.9	
* 38 2-Butanone-d5	46	4.195	4.195	0.000	0	110399	250.0	250.0	
39 2,2-Dichloropropane	97	4.203	4.212	-0.009	95	51203	50.0	47.4	
40 cis-1,2-Dichloroethene	96	4.228	4.236	-0.008	95	165132	50.0	50.0	
42 Ethyl acetate	70	4.244	4.245	-0.001	94	25494	100.0	96.6	
41 2-Butanone (MEK)	72	4.244	4.245	-0.001	96	66338	250.0	222.0	
43 Methyl acrylate	55	4.294	4.302	-0.008	99	95552	50.0	49.9	a
44 Propionitrile	54	4.376	4.384	-0.008	98	170159	500.0	504.4	a
46 Tetrahydrofuran	72	4.458	4.458	0.000	79	31121	100.0	94.6	
45 Chlorobromomethane	128	4.450	4.458	-0.008	94	78657	50.0	48.7	
47 Methacrylonitrile	67	4.466	4.475	-0.009	92	505497	500.0	500.8	
48 Chloroform	83	4.499	4.507	-0.008	98	240544	50.0	48.6	
49 Cyclohexane	84	4.631	4.631	0.000	92	220845	50.0	47.6	
50 1,1,1-Trichloroethane	97	4.647	4.647	0.000	98	211036	50.0	45.8	
$ 51 Dibromofluoromethane (Surr	113	4.655	4.664	-0.009	97	74147	50.0	50.5	
52 Carbon tetrachloride	117	4.762	4.762	0.000	98	179804	50.0	47.1	
53 1,1-Dichloropropene	75	4.787	4.795	-0.008	97	186125	50.0	48.3	
54 Isobutyl alcohol	43	4.935	4.943	-0.008	45	201018	1250.0	1149.5	
55 Benzene	78	4.984	4.992	-0.008	97	567448	50.0	48.5	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.000	5.009	-0.009	0	75996	50.0	49.2	
57 Isopropyl acetate	43	5.033	5.033	0.000	95	427859	50.0	52.1	
58 Tert-amyl methyl ether	73	5.042	5.042	0.000	94	486140	50.0	50.2	
59 1,2-Dichloroethane	62	5.074	5.083	-0.009	96	168781	50.0	47.9	
60 n-Heptane	57	5.132	5.132	0.000	91	102158	50.0	44.8	
* 61 Fluorobenzene	96	5.272	5.272	0.000	99	241918	50.0	50.0	
62 n-Butanol	56	5.576	5.584	-0.008	89	65576	1250.0	1239.4	
63 Trichloroethene	95	5.617	5.625	-0.008	98	132495	50.0	47.5	
64 Methylcyclohexane	83	5.740	5.740	0.000	90	257863	50.0	47.6	
65 Ethyl acrylate	55	5.732	5.740	-0.008	96	319026	50.0	47.4	
66 1,2-Dichloropropane	63	5.904	5.904	0.000	91	136516	50.0	48.4	
68 Methyl methacrylate	100	5.970	5.970	0.000	87	63176	100.0	97.8	
* 67 1,4-Dioxane-d8	96	5.962	5.978	-0.016	0	11491	1000.0	1000.0	
70 n-Propyl acetate	43	6.028	6.028	0.000	98	143549	50.0	47.1	
69 1,4-Dioxane	88	6.019	6.028	-0.009	27	21122	1000.0	1054.0	
71 Dibromomethane	93	6.036	6.044	-0.008	95	78273	50.0	45.9	
72 Dichlorobromomethane	83	6.184	6.192	-0.008	99	175577	50.0	48.1	
74 2-Chloroethyl vinyl ether	63	6.512	6.512	0.000	70	67756	50.0	48.2	
73 2-Nitropropane	41	6.512	6.512	0.000	81	61269	100.0	97.8	
75 Epichlorohydrin	57	6.619	6.627	-0.008	99	221075	1000.0	996.2	
76 cis-1,3-Dichloropropene	75	6.677	6.677	0.000	92	198504	50.0	50.0	
77 4-Methyl-2-pentanone (MIBK	43	6.833	6.833	0.000	96	591253	250.0	256.5	
$ 78 Toluene-d8 (Surr)	98	6.915	6.923	-0.008	99	263733	50.0	50.1	
79 Toluene	91	6.997	6.997	0.000	94	553593	50.0	48.0	
80 trans-1,3-Dichloropropene	75	7.350	7.351	-0.001	98	165672	50.0	50.1	
81 Ethyl methacrylate	69	7.367	7.367	0.000	89	156692	50.0	47.4	
82 1,1,2-Trichloroethane	83	7.564	7.564	0.000	95	88077	50.0	51.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.605	7.605	0.000	97	134314	50.0	49.5	
84 1,3-Dichloropropane	76	7.770	7.770	0.000	95	174008	50.0	49.1	
85 2-Hexanone	43	7.827	7.827	0.000	96	325139	250.0	257.8	
86 n-Butyl acetate	43	7.942	7.942	0.000	99	172422	50.0	50.1	
87 Chlorodibromomethane	129	8.008	8.008	0.000	99	120896	50.0	48.8	
88 Ethylene Dibromide	107	8.156	8.164	-0.008	99	98503	50.0	49.2	
* 89 Chlorobenzene-d5	117	8.698	8.706	-0.008	85	167845	50.0	50.0	
90 Chlorobenzene	112	8.739	8.739	0.000	95	342706	50.0	48.8	
91 Ethylbenzene	106	8.838	8.838	0.000	98	201209	50.0	47.1	
92 1,1,1,2-Tetrachloroethane	131	8.854	8.862	-0.008	96	144119	50.0	48.8	
93 m-Xylene & p-Xylene	106	8.994	8.994	0.000	0	250154	50.0	48.0	
94 n-Butyl acrylate	73	9.438	9.438	0.000	97	102871	50.0	48.0	
95 o-Xylene	106	9.454	9.454	0.000	94	271434	50.0	49.9	
96 Styrene	104	9.487	9.487	0.000	96	411173	50.0	49.5	
97 Amyl acetate (mixed isomer	43	9.668	9.668	0.000	91	236203	50.0	50.1	
98 Bromoform	173	9.692	9.701	-0.009	97	82071	50.0	50.2	
99 Isopropylbenzene	105	9.799	9.799	0.000	96	704596	50.0	50.1	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	90	81161	50.0	49.4	
101 Bromobenzene	156	10.103	10.111	-0.008	98	155041	50.0	46.9	
102 1,1,2,2-Tetrachloroethane	83	10.144	10.144	0.000	99	150656	50.0	49.0	
103 N-Propylbenzene	91	10.161	10.161	0.000	99	801257	50.0	48.0	
104 1,2,3-Trichloropropane	110	10.185	10.185	0.000	95	43847	50.0	45.4	
105 trans-1,4-Dichloro-2-buten	53	10.202	10.202	0.000	92	37766	50.0	50.8	
107 4-Ethyltoluene	105	10.259	10.259	0.000	89	688590	50.0	48.0	
106 2-Chlorotoluene	91	10.259	10.259	0.000	90	560486	50.0	48.2	
108 1,3,5-Trimethylbenzene	105	10.309	10.309	0.000	94	605469	50.0	48.1	
109 4-Chlorotoluene	91	10.350	10.350	0.000	97	468950	50.0	47.1	
110 Butyl Methacrylate	87	10.391	10.391	0.000	90	220682	50.0	49.2	
111 tert-Butylbenzene	119	10.547	10.547	0.000	95	490391	50.0	49.5	
112 1,2,4-Trimethylbenzene	105	10.596	10.596	0.000	97	626388	50.0	48.6	
113 sec-Butylbenzene	105	10.711	10.711	0.000	99	762767	50.0	48.6	
114 4-Isopropyltoluene	119	10.810	10.810	0.000	98	673439	50.0	48.0	
115 1,3-Dichlorobenzene	146	10.818	10.818	0.000	96	323356	50.0	47.7	
* 116 1,4-Dichlorobenzene-d4	152	10.867	10.876	-0.009	94	102053	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.884	10.884	0.000	94	335425	50.0	47.9	
132 1,2,3-Trimethylbenzene	105	10.892	10.900	-0.008	98	680948	50.0	49.3	
118 Benzyl chloride	91	10.982	10.991	-0.009	99	356975	50.0	48.9	
119 2,3-Dihydroindene	117	11.032	11.032	0.000	95	668393	50.0	48.8	
120 p-Diethylbenzene	119	11.065	11.065	0.000	94	385110	50.0	49.2	
121 n-Butylbenzene	92	11.081	11.081	0.000	97	348573	50.0	47.0	
122 1,2-Dichlorobenzene	146	11.138	11.139	-0.001	97	335458	50.0	49.1	
123 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	97	680566	50.0	49.6	
124 1,2-Dibromo-3-Chloropropan	75	11.623	11.623	0.000	94	31041	50.0	44.6	
125 1,3,5-Trichlorobenzene	180	11.705	11.705	0.000	98	279841	50.0	49.6	
126 1,2,4-Trichlorobenzene	180	12.108	12.108	0.000	94	267412	50.0	49.8	
127 Hexachlorobutadiene	225	12.166	12.166	0.000	95	102162	50.0	48.0	
128 Naphthalene	128	12.272	12.272	0.000	99	635686	50.0	50.2	
129 1,2,3-Trichlorobenzene	180	12.437	12.437	0.000	95	246037	50.0	49.4	
S 130 1,2-Dichloroethene, Total	100				0		100.0	97.9	
S 131 Xylenes, Total	100				0		100.0	97.9	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00305	Amount Added:	50.00	Units: uL	
ACROLEIN W_00088	Amount Added:	10.00	Units: uL	
524freon_00003	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00095	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00020	Amount Added:	5.00	Units: uL	Run Reagent

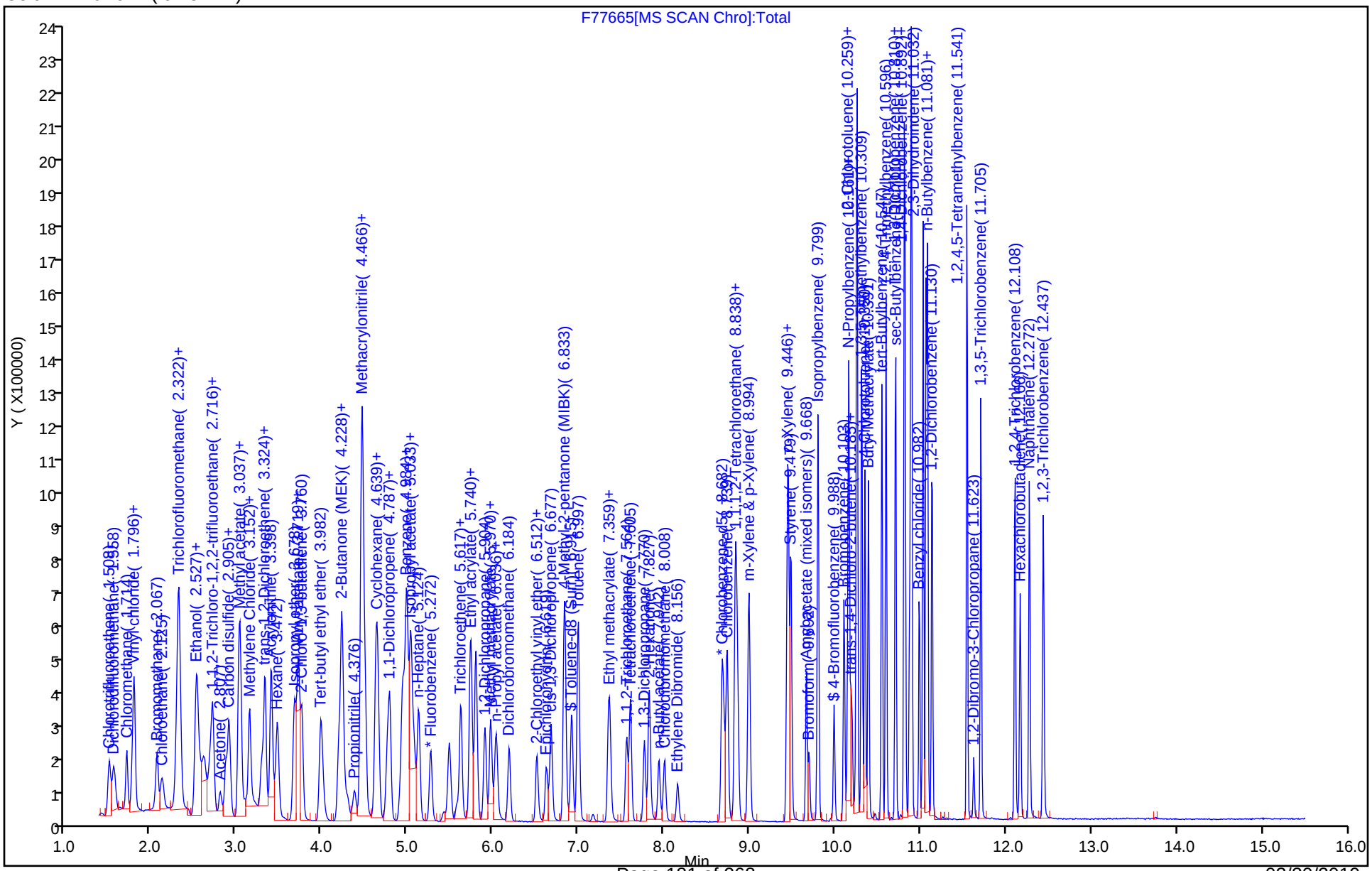
Report Date: 15-Mar-2019 15:39:08 Chrom Revision: 2.3 11-Feb-2019 16:31:10

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77665.D

Injection Date:	14-Mar-2019 12:27:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

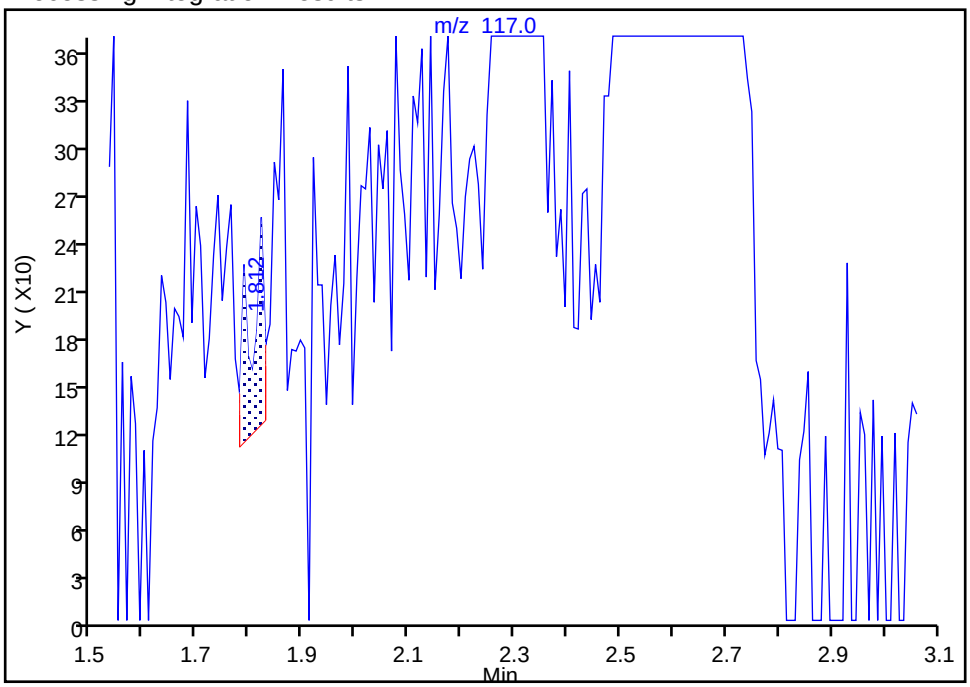
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77665.D
Injection Date: 14-Mar-2019 12:27:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Signal: 1

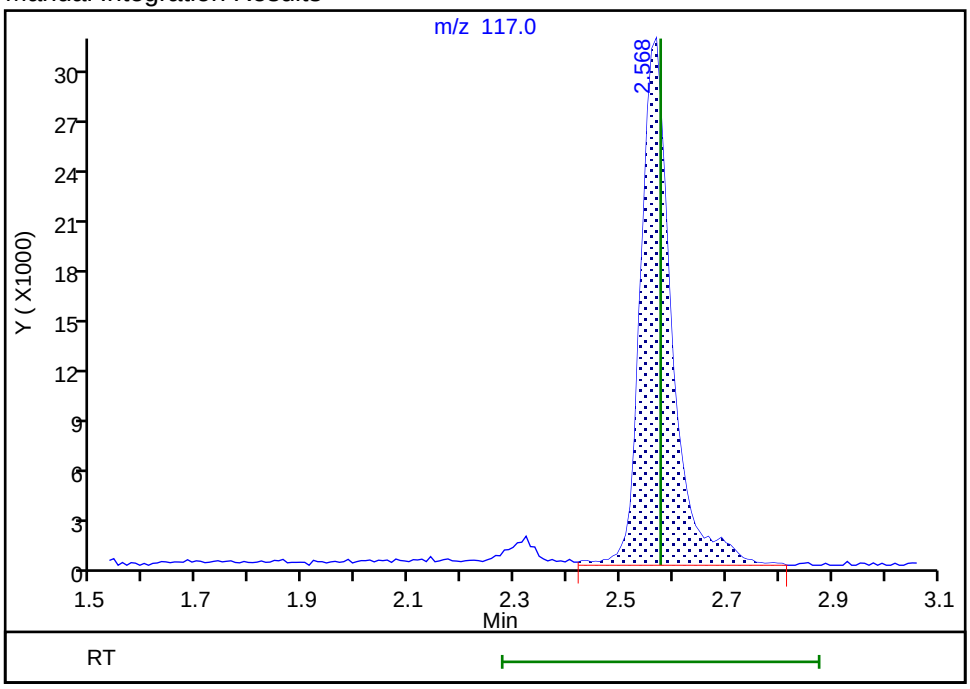
Processing Integration Results

RT: 1.81
Area: 238
Amount: 0.252579
Amount Units: ug/l



Manual Integration Results

RT: 2.57
Area: 129044
Amount: 47.197514
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:27:42
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

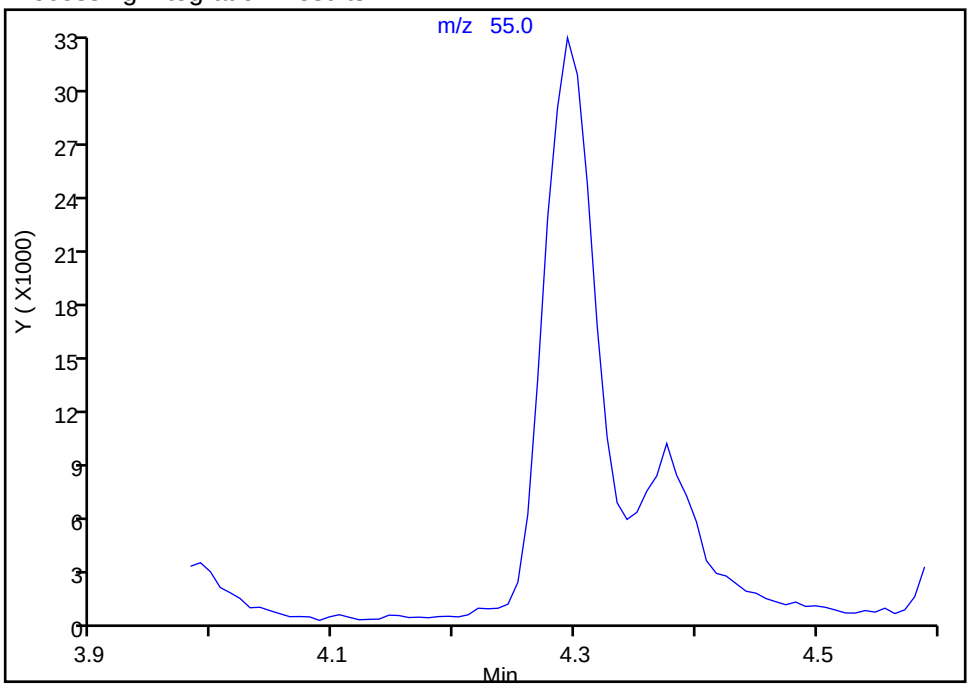
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77665.D
Injection Date: 14-Mar-2019 12:27:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Signal: 1

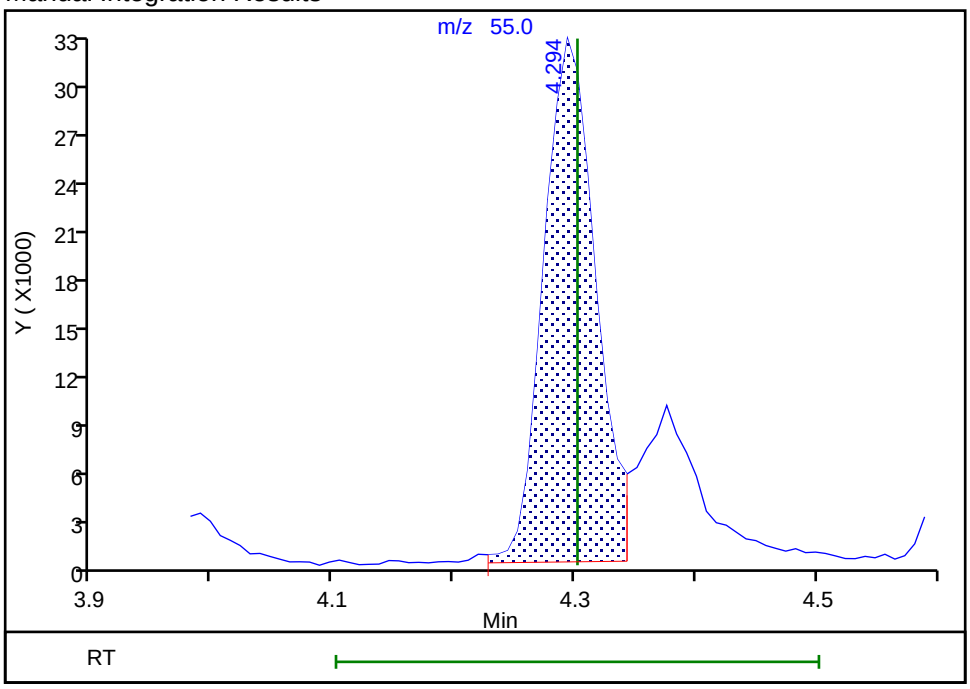
Not Detected
Expected RT: 4.30

Processing Integration Results



Manual Integration Results

RT: 4.29
Area: 95552
Amount: 49.900135
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:32:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

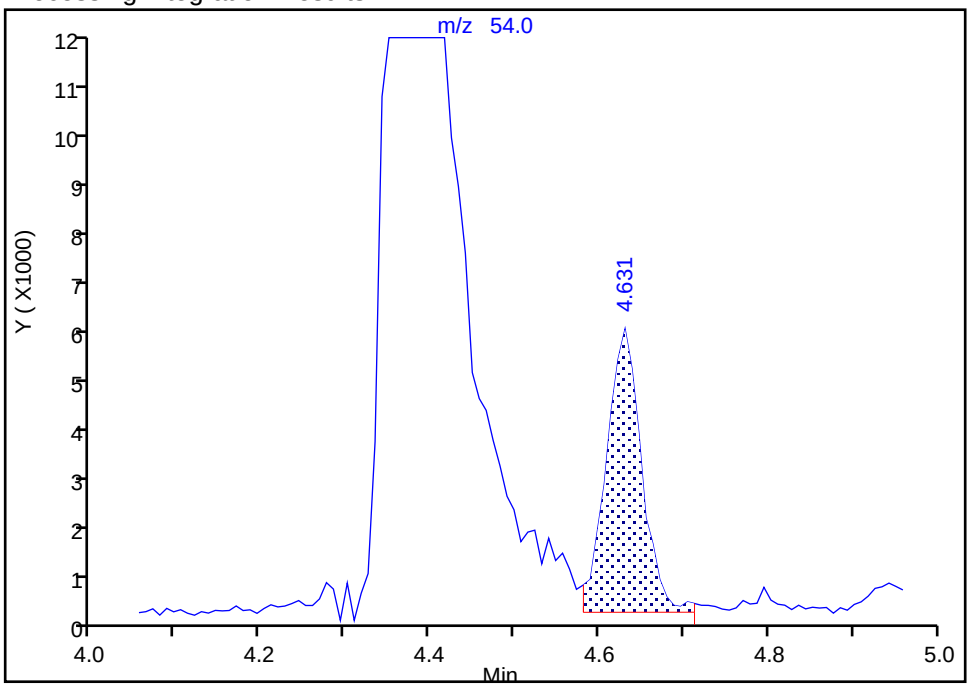
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77665.D
Injection Date: 14-Mar-2019 12:27:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

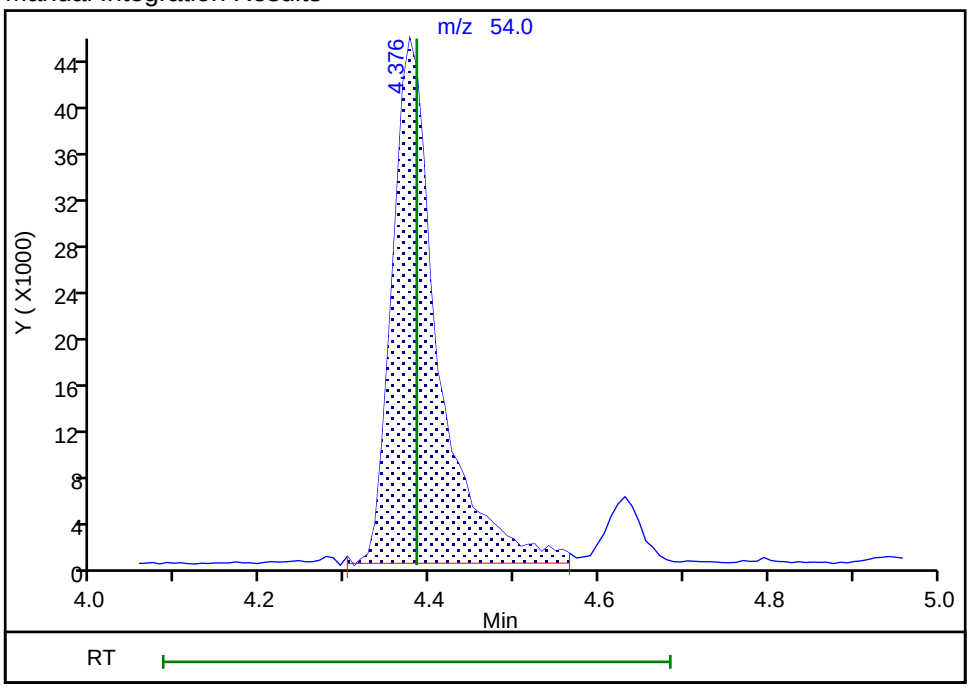
Processing Integration Results

RT: 4.63
Area: 16752
Amount: 665.7254
Amount Units: ug/l



Manual Integration Results

RT: 4.38
Area: 170159
Amount: 504.4185
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:32:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77666.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 14-Mar-2019 12:50:30 ALS Bottle#: 9 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0087864-008
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub55

Method: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-Mar-2019 15:39:20 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0315

First Level Reviewer: martineze Date: 14-Mar-2019 14:34:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.525	1.533	-0.008	84	309690	200.0	226.3	
2 Dichlorodifluoromethane	85	1.558	1.558	0.000	99	970153	200.0	207.5	
3 Chloromethane	50	1.722	1.722	0.000	99	926859	200.0	195.1	
5 Butadiene	54	1.804	1.804	0.000	96	778368	200.0	201.2	
4 Vinyl chloride	62	1.812	1.812	0.000	98	939414	200.0	199.3	
6 Bromomethane	94	2.075	2.075	0.000	99	627247	200.0	198.0	
7 Chloroethane	64	2.133	2.133	0.000	99	535144	200.0	186.7	
8 Dichlorofluoromethane	67	2.314	2.314	0.000	99	1311733	200.0	187.1	
9 Trichlorofluoromethane	101	2.322	2.322	0.000	98	991363	200.0	199.3	
10 Pentane	72	2.338	2.338	0.000	96	241076	400.0	400.6	
11 Ethanol	46	2.519	2.519	0.000	71	32992	8000.0	6903.2	
12 Ethyl ether	59	2.519	2.519	0.000	94	454157	200.0	190.1	
13 2-Methyl-1,3-butadiene	53	2.535	2.544	-0.009	97	508532	200.0	193.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.577	2.577	0.001	87	555779	200.0	188.7	
15 Acrolein	56	2.692	2.692	0.000	86	77563	200.0	194.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.700	2.700	0.000	96	567439	200.0	193.7	
17 1,1-Dichloroethene	96	2.724	2.724	0.000	97	544034	200.0	190.1	
18 Acetone	43	2.815	2.815	0.000	87	1041605	1000.0	1151.6	
19 Iodomethane	142	2.881	2.881	0.000	97	1013905	200.0	192.8	
20 Isopropyl alcohol	45	2.905	2.913	-0.008	25	291198	2000.0	2197.6	
21 Carbon disulfide	76	2.922	2.913	0.009	99	2018324	200.0	192.7	
22 3-Chloro-1-propene	41	3.029	3.028	0.000	96	1124085	200.0	188.4	a
24 Methyl acetate	43	3.037	3.045	-0.008	100	811947	400.0	387.7	
23 Cyclopentene	67	3.053	3.053	0.000	94	1456394	200.0	194.3	a
25 Acetonitrile	41	3.102	3.119	-0.017	95	712199	2000.0	2216.5	a
27 Methylene Chloride	84	3.160	3.160	0.000	93	638344	200.0	195.3	
* 26 TBA-d9 (IS)	65	3.152	3.168	-0.016	0	106861	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.226	3.226	0.000	96	511745	2000.0	1879.2	
29 Methyl tert-butyl ether	73	3.308	3.308	0.000	96	1470557	200.0	191.2	
30 trans-1,2-Dichloroethene	96	3.333	3.341	-0.008	95	603995	200.0	191.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.406	3.406	0.000	95	2038912	2000.0	2015.1	
32 Hexane	43	3.480	3.480	0.000	93	519000	200.0	200.2	
33 Isopropyl ether	45	3.678	3.678	0.000	97	1911202	200.0	190.2	
34 1,1-Dichloroethane	63	3.719	3.727	-0.008	99	1072408	200.0	191.0	
35 Vinyl acetate	86	3.727	3.735	-0.008	100	225358	400.0	385.2	
36 2-Chloro-1,3-butadiene	88	3.768	3.768	0.000	91	556494	200.0	197.8	
37 Tert-butyl ethyl ether	59	3.990	3.990	0.000	89	1657908	200.0	185.1	
* 38 2-Butanone-d5	46	4.195	4.195	0.000	0	125899	250.0	250.0	
39 2,2-Dichloropropane	97	4.212	4.212	0.000	96	211805	200.0	182.1	
40 cis-1,2-Dichloroethene	96	4.236	4.236	0.000	97	694438	200.0	195.1	
41 2-Butanone (MEK)	72	4.245	4.245	0.000	96	338804	1000.0	994.3	
42 Ethyl acetate	70	4.245	4.245	0.000	96	113776	400.0	402.1	
43 Methyl acrylate	55	4.302	4.302	0.000	99	439196	200.0	206.5	
44 Propionitrile	54	4.376	4.384	-0.008	98	728271	2000.0	2095.2	
45 Chlorobromomethane	128	4.458	4.458	0.000	84	334957	200.0	192.7	
46 Tetrahydrofuran	72	4.458	4.458	0.000	74	137446	400.0	366.3	
47 Methacrylonitrile	67	4.475	4.475	0.000	92	2279015	2000.0	2096.2	
48 Chloroform	83	4.508	4.507	0.001	99	1031866	200.0	193.8	
49 Cyclohexane	84	4.639	4.631	0.008	91	976253	200.0	195.2	
50 1,1,1-Trichloroethane	97	4.647	4.647	0.000	98	910908	200.0	183.4	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	97	75843	50.0	48.0	
52 Carbon tetrachloride	117	4.762	4.762	0.000	98	779625	200.0	189.8	
53 1,1-Dichloropropene	75	4.795	4.795	0.000	97	828215	200.0	199.5	
54 Isobutyl alcohol	43	4.943	4.943	0.000	90	953523	5000.0	5291.7	
55 Benzene	78	4.984	4.992	-0.008	96	2522913	200.0	194.1	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.009	5.009	0.000	0	94008	50.0	56.5	
57 Isopropyl acetate	43	5.033	5.033	0.000	97	1706347	200.0	192.9	
58 Tert-amyl methyl ether	73	5.042	5.042	0.000	93	1956969	200.0	187.6	
59 1,2-Dichloroethane	62	5.083	5.083	0.000	96	756706	200.0	199.5	
60 n-Heptane	57	5.132	5.132	0.000	91	470857	200.0	191.5	
* 61 Fluorobenzene	96	5.272	5.272	0.000	99	260552	50.0	50.0	
62 n-Butanol	56	5.576	5.584	-0.008	86	300632	5000.0	5514.4	
63 Trichloroethene	95	5.625	5.625	0.000	98	603324	200.0	200.7	
65 Ethyl acrylate	55	5.732	5.740	-0.008	99	1483892	200.0	204.6	
64 Methylcyclohexane	83	5.740	5.740	0.000	88	1154783	200.0	197.7	
66 1,2-Dichloropropane	63	5.904	5.904	0.000	91	604526	200.0	199.1	
68 Methyl methacrylate	100	5.970	5.970	0.000	88	291583	400.0	419.0	
* 67 1,4-Dioxane-d8	96	6.036	5.978	0.058	0	13502	1000.0	1000.0	
69 1,4-Dioxane	88	6.019	6.028	-0.009	27	87042	4000.0	3696.4	
70 n-Propyl acetate	43	6.028	6.028	0.000	98	676096	200.0	204.3	
71 Dibromomethane	93	6.044	6.044	0.000	95	349920	200.0	190.4	
72 Dichlorobromomethane	83	6.192	6.192	0.000	100	803430	200.0	204.4	
73 2-Nitropropane	41	6.512	6.512	0.000	80	273883	400.0	408.9	
74 2-Chloroethyl vinyl ether	63	6.512	6.512	0.000	73	319497	200.0	211.0	
75 Epichlorohydrin	57	6.628	6.627	0.001	99	944664	4000.0	3732.7	
76 cis-1,3-Dichloropropene	75	6.677	6.677	0.000	92	945299	200.0	214.6	
77 4-Methyl-2-pentanone (MIBK	43	6.833	6.833	0.000	96	2661873	1000.0	1012.7	
$ 78 Toluene-d8 (Surr)	98	6.923	6.923	0.000	99	292789	50.0	50.1	
79 Toluene	91	6.997	6.997	0.000	94	2555454	200.0	199.4	
80 trans-1,3-Dichloropropene	75	7.351	7.351	0.000	98	776596	200.0	211.5	
81 Ethyl methacrylate	69	7.367	7.367	0.000	89	700915	200.0	191.1	
82 1,1,2-Trichloroethane	83	7.564	7.564	0.000	95	395032	200.0	206.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.605	7.605	0.000	97	618462	200.0	205.2	
84 1,3-Dichloropropane	76	7.770	7.770	0.000	93	798377	200.0	202.9	
85 2-Hexanone	43	7.827	7.827	0.000	96	1604138	1000.0	1115.4	
86 n-Butyl acetate	43	7.934	7.942	-0.008	99	752354	200.0	196.7	
87 Chlorodibromomethane	129	8.008	8.008	0.000	98	550376	200.0	200.2	
88 Ethylene Dibromide	107	8.156	8.164	-0.008	98	444928	200.0	200.2	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	85	186384	50.0	50.0	
90 Chlorobenzene	112	8.739	8.739	0.000	95	1581311	200.0	202.6	
91 Ethylbenzene	106	8.838	8.838	0.000	98	916904	200.0	193.3	
92 1,1,1,2-Tetrachloroethane	131	8.854	8.862	-0.008	96	642713	200.0	195.9	
93 m-Xylene & p-Xylene	106	8.994	8.994	0.000	0	1131702	200.0	195.7	
94 n-Butyl acrylate	73	9.438	9.438	0.000	98	450501	200.0	189.3	
95 o-Xylene	106	9.454	9.454	0.000	94	1201827	200.0	199.0	
96 Styrene	104	9.479	9.487	-0.008	96	1875646	200.0	203.2	
97 Amyl acetate (mixed isomer	43	9.660	9.668	-0.008	91	998395	200.0	203.7	
98 Bromoform	173	9.692	9.701	-0.009	97	362156	200.0	199.5	
99 Isopropylbenzene	105	9.799	9.799	0.000	96	3204239	200.0	205.1	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	91	87579	50.0	48.0	
101 Bromobenzene	156	10.103	10.111	-0.008	99	693720	200.0	201.5	
102 1,1,2,2-Tetrachloroethane	83	10.144	10.144	0.000	99	651232	200.0	203.7	
103 N-Propylbenzene	91	10.161	10.161	0.000	99	3601230	200.0	207.2	
104 1,2,3-Trichloropropane	110	10.185	10.185	0.000	96	181870	200.0	181.1	
105 trans-1,4-Dichloro-2-buten	53	10.202	10.202	0.000	77	160474	200.0	207.4	
106 2-Chlorotoluene	91	10.259	10.259	0.000	89	2521169	200.0	208.3	
107 4-Ethyltoluene	105	10.259	10.259	0.000	90	3094862	200.0	207.2	
108 1,3,5-Trimethylbenzene	105	10.309	10.309	0.000	94	2789254	200.0	213.1	
109 4-Chlorotoluene	91	10.350	10.350	0.000	97	2081337	200.0	200.9	
110 Butyl Methacrylate	87	10.391	10.391	0.000	89	966034	200.0	207.1	
111 tert-Butylbenzene	119	10.547	10.547	0.000	95	2359241	200.0	229.0	
112 1,2,4-Trimethylbenzene	105	10.596	10.596	0.000	97	2846790	200.0	212.1	
113 sec-Butylbenzene	105	10.711	10.711	0.000	99	3576660	200.0	218.9	
114 4-Isopropyltoluene	119	10.810	10.810	0.000	98	3184424	200.0	218.1	
115 1,3-Dichlorobenzene	146	10.818	10.818	0.000	98	1446687	200.0	205.1	
* 116 1,4-Dichlorobenzene-d4	152	10.867	10.876	-0.009	96	106203	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.884	10.884	0.000	95	1458457	200.0	199.9	
132 1,2,3-Trimethylbenzene	105	10.892	10.900	-0.008	98	3073396	200.0	213.7	
118 Benzyl chloride	91	10.982	10.991	-0.009	99	1472931	200.0	192.5	
119 2,3-Dihydroindene	117	11.032	11.032	0.000	95	2895301	200.0	203.3	
120 p-Diethylbenzene	119	11.065	11.065	0.000	94	1719917	200.0	211.2	
121 n-Butylbenzene	92	11.081	11.081	0.000	97	1595968	200.0	206.6	
122 1,2-Dichlorobenzene	146	11.130	11.139	-0.009	97	1454637	200.0	204.8	
123 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	98	3038352	200.0	212.9	
124 1,2-Dibromo-3-Chloropropan	75	11.623	11.623	0.000	96	132046	200.0	182.2	
125 1,3,5-Trichlorobenzene	180	11.706	11.705	0.001	98	1225053	200.0	208.5	
126 1,2,4-Trichlorobenzene	180	12.100	12.108	-0.008	93	1184456	200.0	211.9	
127 Hexachlorobutadiene	225	12.166	12.166	0.000	96	487386	200.0	219.9	
128 Naphthalene	128	12.273	12.272	0.001	99	2739681	200.0	207.8	
129 1,2,3-Trichlorobenzene	180	12.437	12.437	0.000	96	1083101	200.0	209.0	
S 130 1,2-Dichloroethene, Total	100				0		400.0	386.5	
S 131 Xylenes, Total	100				0		400.0	394.7	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00088	Amount Added:	20.00	Units: uL	
MIX I Hi_00104	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00081	Amount Added:	20.00	Units: uL	
Ethanol mix_00026	Amount Added:	20.00	Units: uL	
GAS Hi_00297	Amount Added:	20.00	Units: uL	
8FreonHi_00001	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00020	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Mar-2019 15:39:22 Chrom Revision: 2.3 11-Feb-2019 16:31:10

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77666.D

Injection Date: 14-Mar-2019 12:50:30 Instrument ID: CVOAMS6 Operator ID:

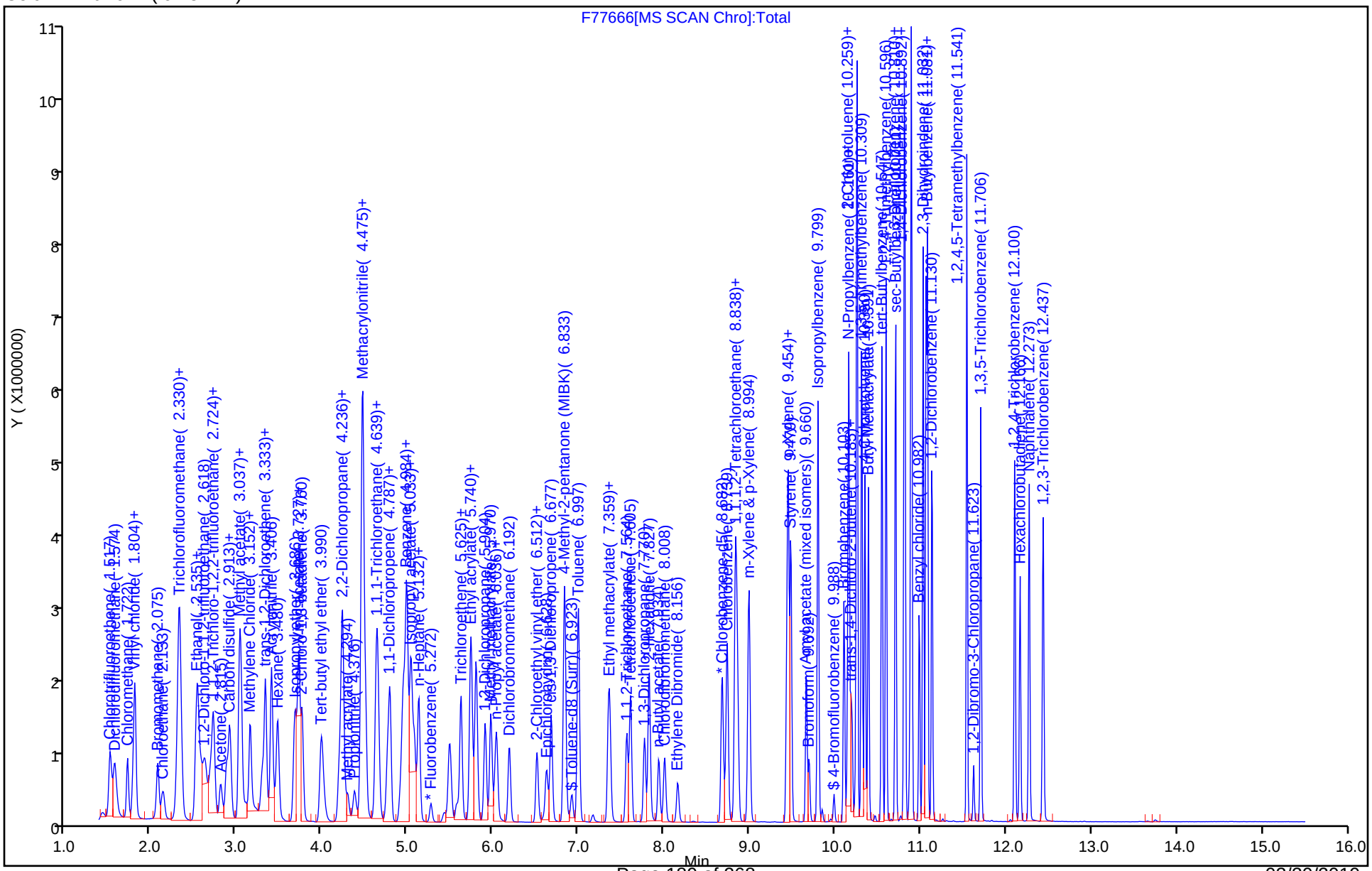
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

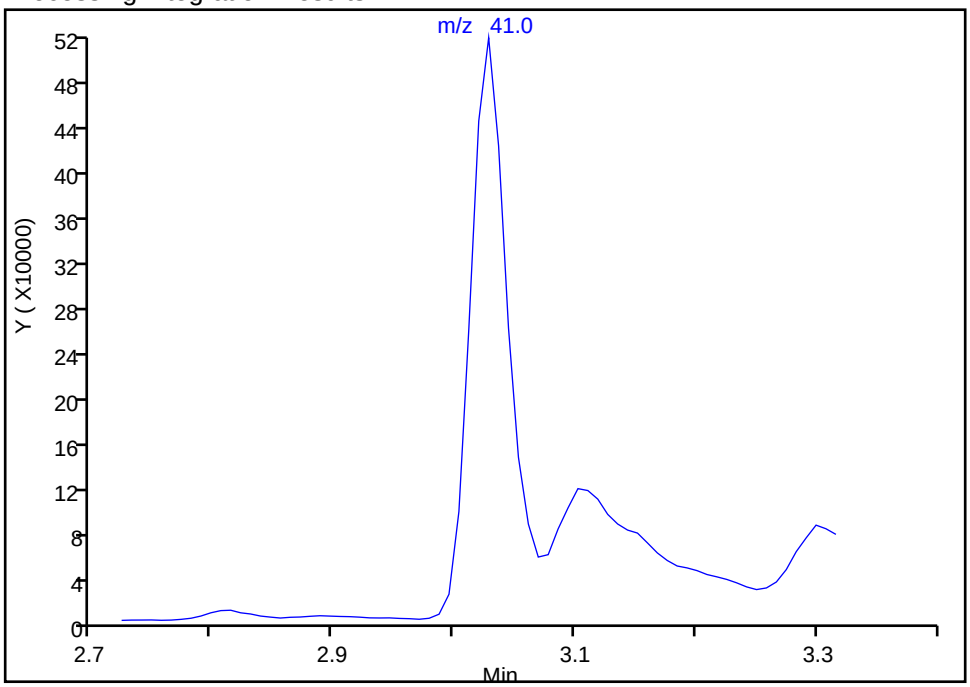
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77666.D
Injection Date: 14-Mar-2019 12:50:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

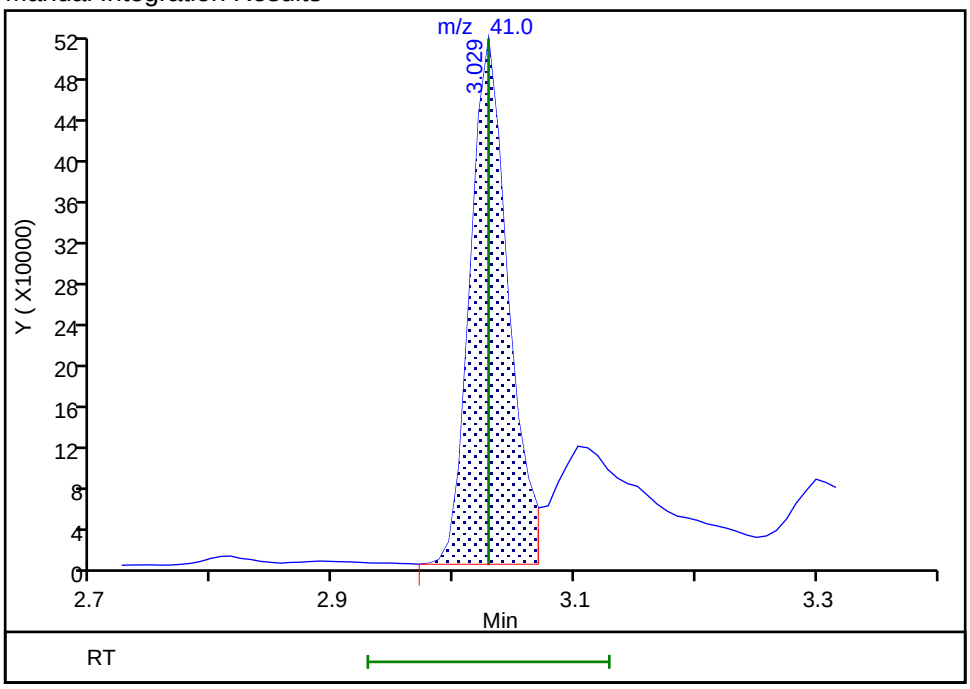
Not Detected
Expected RT: 3.03

Processing Integration Results



Manual Integration Results

RT: 3.03
Area: 1124085
Amount: 188.3538
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:33:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

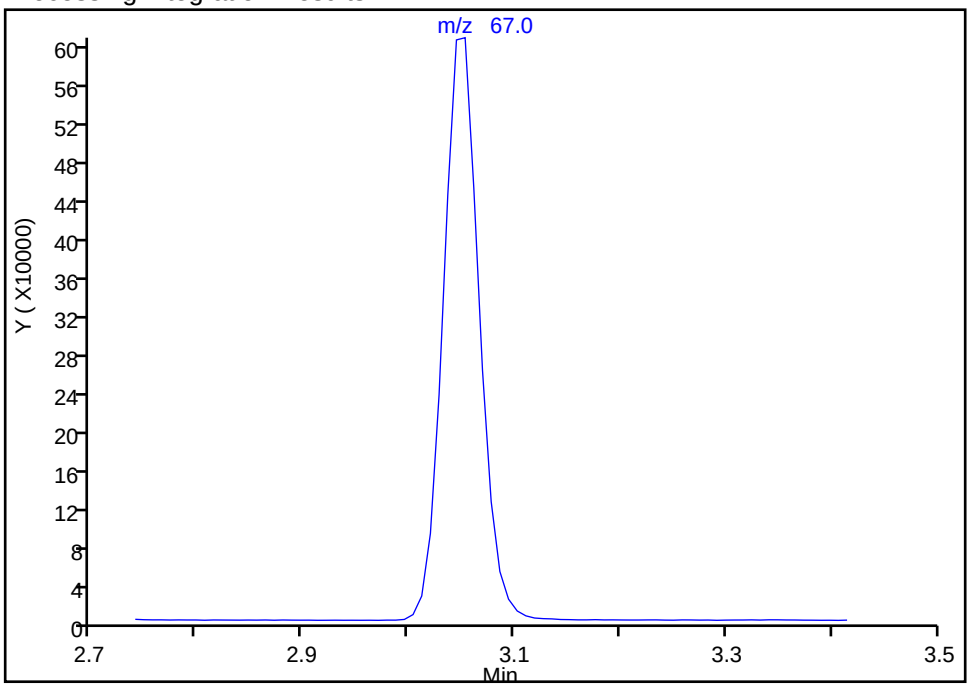
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77666.D
Injection Date: 14-Mar-2019 12:50:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Cyclopentene, CAS: 142-29-0

Signal: 1

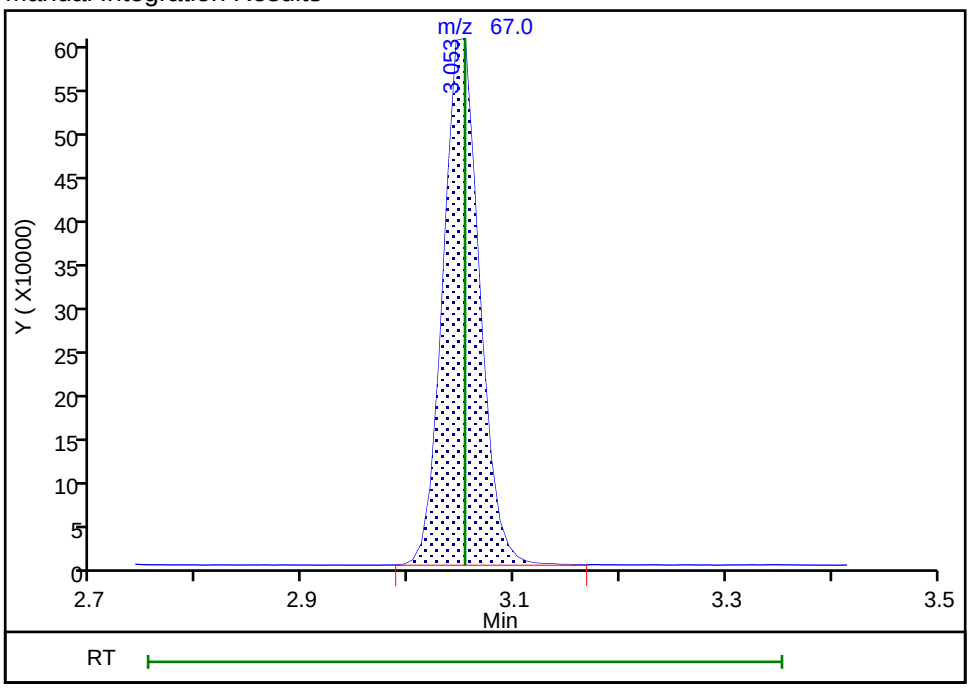
Not Detected
Expected RT: 3.05

Processing Integration Results



Manual Integration Results

RT: 3.05
Area: 1456394
Amount: 194.3097
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:33:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

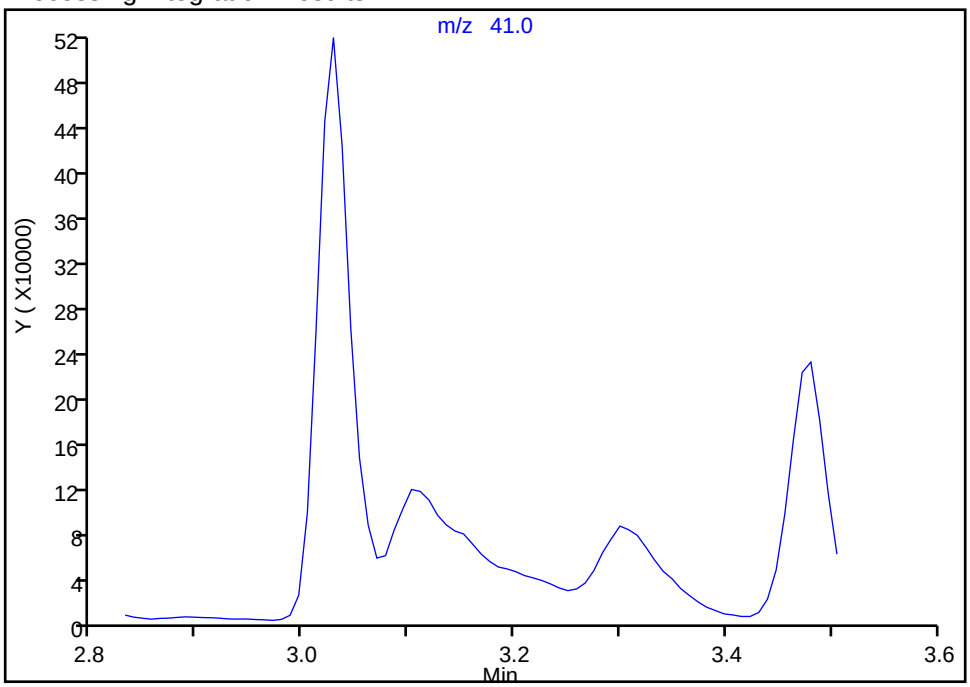
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77666.D
Injection Date: 14-Mar-2019 12:50:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

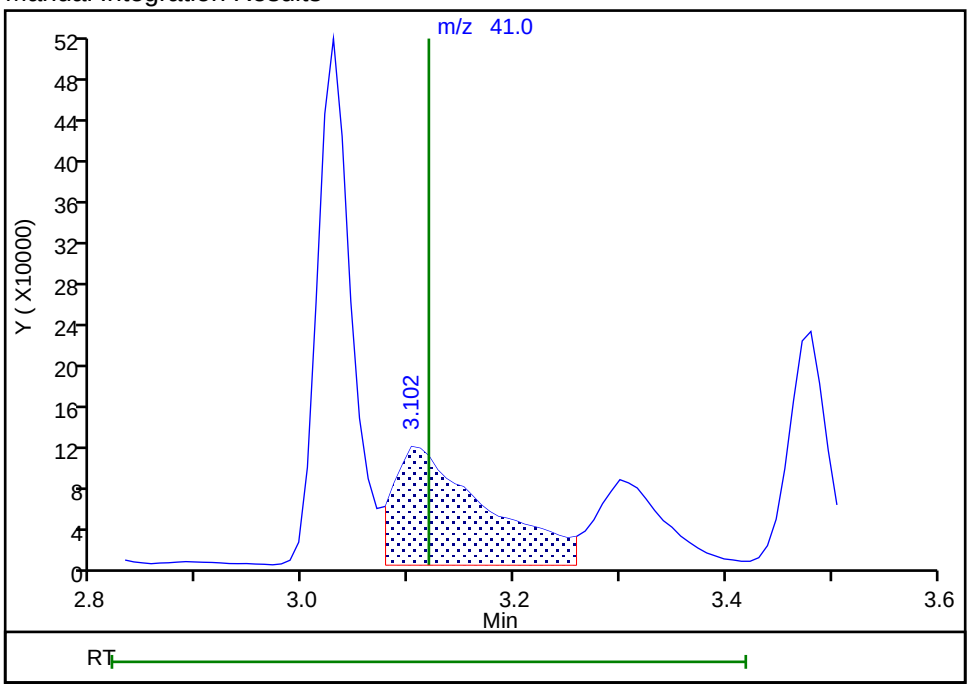
Not Detected
Expected RT: 3.12

Processing Integration Results



Manual Integration Results

RT: 3.10
Area: 712199
Amount: 2216.4671
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:33:42
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 14-Mar-2019 13:15:30 ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0087864-009
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub55

Method: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-Mar-2019 15:39:36 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0315

First Level Reviewer: martineze Date: 14-Mar-2019 14:41:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.525	1.533	-0.008	82	791737	500.0	540.2	
2 Dichlorodifluoromethane	85	1.558	1.558	0.000	99	2535074	500.0	506.3	
3 Chloromethane	50	1.722	1.722	0.000	99	2306801	500.0	453.4	
5 Butadiene	54	1.804	1.804	0.000	96	2020170	500.0	487.5	
4 Vinyl chloride	62	1.812	1.812	0.000	98	2380390	500.0	471.7	
6 Bromomethane	94	2.075	2.075	0.000	100	1580927	500.0	465.9	
7 Chloroethane	64	2.133	2.133	0.000	99	1335303	500.0	434.9	
8 Dichlorofluoromethane	67	2.313	2.314	-0.001	99	3340895	500.0	444.9	
9 Trichlorofluoromethane	101	2.330	2.322	0.008	99	2622310	500.0	492.3	
10 Pentane	72	2.338	2.338	0.000	96	694962	1000.0	999.9	
12 Ethyl ether	59	2.511	2.519	-0.008	94	1127229	500.0	440.6	
11 Ethanol	46	2.511	2.519	-0.008	72	89446	20000	15975	
13 2-Methyl-1,3-butadiene	53	2.544	2.544	0.000	97	1394981	500.0	496.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.576	2.577	0.000	88	1421558	500.0	450.8	
15 Acrolein	56	2.691	2.692	-0.001	41	175307	400.0	375.4	
16 1,1,2-Trichloro-1,2,2-trif	101	2.700	2.700	0.000	94	1518117	500.0	483.9	
17 1,1-Dichloroethene	96	2.733	2.724	0.009	98	1459264	500.0	476.1	
18 Acetone	43	2.806	2.815	-0.009	92	2525427	2500.0	2210.8	
19 Iodomethane	142	2.889	2.881	0.008	97	2625435	500.0	466.2	
21 Carbon disulfide	76	2.922	2.913	0.009	99	5344570	500.0	476.6	
20 Isopropyl alcohol	45	2.897	2.913	-0.016	97	757746	5000.0	4881.0	
22 3-Chloro-1-propene	41	3.028	3.028	0.000	97	2973133	500.0	465.2	a
24 Methyl acetate	43	3.037	3.045	-0.008	99	2159975	1000.0	963.0	
23 Cyclopentene	67	3.053	3.053	0.000	95	4003338	500.0	498.7	a
25 Acetonitrile	41	3.102	3.119	-0.017	98	1809060	5000.0	4805.5	a
27 Methylene Chloride	84	3.160	3.160	0.000	92	1659951	500.0	474.3	
* 26 TBA-d9 (IS)	65	3.160	3.168	-0.008	0	125196	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.226	3.226	0.000	91	1254510	5000.0	3932.0	
29 Methyl tert-butyl ether	73	3.308	3.308	0.000	97	3564600	500.0	432.7	
30 trans-1,2-Dichloroethene	96	3.332	3.341	-0.009	95	1551128	500.0	459.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.406	3.406	0.000	95	5285548	5000.0	4877.7	
32 Hexane	43	3.472	3.480	-0.008	93	1320799	500.0	475.6	
33 Isopropyl ether	45	3.677	3.678	-0.001	96	4722235	500.0	438.8	
34 1,1-Dichloroethane	63	3.719	3.727	-0.008	99	2738241	500.0	455.3	
35 Vinyl acetate	86	3.727	3.735	-0.008	99	602856	1000.0	960.2	
36 2-Chloro-1,3-butadiene	88	3.760	3.768	-0.008	90	1459242	500.0	484.3	
37 Tert-butyl ethyl ether	59	3.990	3.990	0.000	89	4003549	500.0	417.4	
* 38 2-Butanone-d5	46	4.195	4.195	0.000	0	159007	250.0	250.0	
39 2,2-Dichloropropane	97	4.220	4.212	0.008	96	541865	500.0	435.1	
40 cis-1,2-Dichloroethene	96	4.228	4.236	-0.008	97	1791957	500.0	470.2	
42 Ethyl acetate	70	4.244	4.245	-0.001	97	312759	1000.0	999.6	
41 2-Butanone (MEK)	72	4.244	4.245	-0.001	96	900822	2500.0	2093.1	
43 Methyl acrylate	55	4.294	4.302	-0.008	99	1198500	500.0	487.0	
44 Propionitrile	54	4.376	4.384	-0.008	98	1932333	5000.0	4745.0	
46 Tetrahydrofuran	72	4.458	4.458	0.000	95	367149	1000.0	774.8	
45 Chlorobromomethane	128	4.458	4.458	0.000	90	873223	500.0	469.0	
47 Methacrylonitrile	67	4.475	4.475	0.000	94	6320095	5000.0	5428.1	
48 Chloroform	83	4.507	4.507	0.000	99	2604723	500.0	456.7	
49 Cyclohexane	84	4.639	4.631	0.008	90	2635416	500.0	492.1	
50 1,1,1-Trichloroethane	97	4.647	4.647	0.000	98	2373844	500.0	446.3	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	97	80797	50.0	47.8	
52 Carbon tetrachloride	117	4.762	4.762	0.000	98	2021784	500.0	459.6	
53 1,1-Dichloropropene	75	4.795	4.795	0.000	97	2168043	500.0	487.6	
54 Isobutyl alcohol	43	4.951	4.943	0.008	90	2466754	12500	11685	
55 Benzene	78	4.984	4.992	-0.008	96	6644964	500.0	441.7	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.009	5.009	0.000	0	79795	50.0	44.8	
57 Isopropyl acetate	43	5.033	5.033	0.000	97	4343590	500.0	458.5	
58 Tert-amyl methyl ether	73	5.041	5.042	-0.001	91	4716518	500.0	422.2	
59 1,2-Dichloroethane	62	5.083	5.083	0.000	96	1969301	500.0	484.8	
60 n-Heptane	57	5.132	5.132	0.000	91	1199909	500.0	455.8	
* 61 Fluorobenzene	96	5.272	5.272	0.000	99	279034	50.0	50.0	
62 n-Butanol	56	5.576	5.584	-0.008	86	851834	12500	13337	
63 Trichloroethene	95	5.625	5.625	0.000	98	1605434	500.0	498.6	
64 Methylcyclohexane	83	5.740	5.740	0.000	90	3067170	500.0	490.4	
65 Ethyl acrylate	55	5.740	5.740	0.000	99	3996805	500.0	514.5	
66 1,2-Dichloropropane	63	5.904	5.904	0.000	93	1596422	500.0	490.9	
68 Methyl methacrylate	100	5.978	5.970	0.008	87	817964	1000.0	1097.6	
* 67 1,4-Dioxane-d8	96	6.036	5.978	0.058	0	16431	1000.0	1000.0	Ma
70 n-Propyl acetate	43	6.028	6.028	0.000	97	1849979	500.0	521.4	
69 1,4-Dioxane	88	6.036	6.028	0.008	28	222040	10000	7748.5	
71 Dibromomethane	93	6.044	6.044	0.000	95	927232	500.0	471.1	
72 Dichlorobromomethane	83	6.192	6.192	0.000	100	2134290	500.0	507.0	
74 2-Chloroethyl vinyl ether	63	6.512	6.512	0.000	74	910382	500.0	561.5	
73 2-Nitropropane	41	6.512	6.512	0.000	79	740511	1000.0	1033.8	
75 Epichlorohydrin	57	6.627	6.627	0.000	99	2572229	10000	8047.5	
76 cis-1,3-Dichloropropene	75	6.677	6.677	0.000	91	2590808	500.0	508.3	
77 4-Methyl-2-pentanone (MIBK	43	6.833	6.833	0.000	96	6916303	2500.0	2083.4	
$ 78 Toluene-d8 (Surr)	98	6.923	6.923	0.000	99	317153	50.0	46.9	
79 Toluene	91	6.997	6.997	0.000	94	6930688	500.0	467.3	
80 trans-1,3-Dichloropropene	75	7.350	7.351	-0.001	98	2178344	500.0	512.6	
81 Ethyl methacrylate	69	7.367	7.367	0.000	89	1886262	500.0	444.3	
82 1,1,2-Trichloroethane	83	7.564	7.564	0.000	95	1072290	500.0	485.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.605	7.605	0.000	97	1692596	500.0	485.3	
84 1,3-Dichloropropane	76	7.770	7.770	0.000	93	2181528	500.0	479.1	
85 2-Hexanone	43	7.827	7.827	0.000	96	4312917	2500.0	2374.4	
86 n-Butyl acetate	43	7.934	7.942	-0.008	99	2064425	500.0	466.5	
87 Chlorodibromomethane	129	8.008	8.008	0.000	98	1500819	500.0	471.7	
88 Ethylene Dibromide	107	8.164	8.164	0.000	99	1200658	500.0	466.9	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	86	215703	50.0	50.0	
90 Chlorobenzene	112	8.739	8.739	0.000	94	4375728	500.0	484.5	
91 Ethylbenzene	106	8.838	8.838	0.000	98	2500729	500.0	455.4	
92 1,1,1,2-Tetrachloroethane	131	8.862	8.862	0.000	97	1693095	500.0	446.0	
93 m-Xylene & p-Xylene	106	8.994	8.994	0.000	0	3049722	500.0	455.7	
94 n-Butyl acrylate	73	9.438	9.438	0.000	98	1221096	500.0	443.4	
95 o-Xylene	106	9.454	9.454	0.000	94	3207768	500.0	459.0	
96 Styrene	104	9.487	9.487	0.000	96	5184074	500.0	485.2	
97 Amyl acetate (mixed isomer	43	9.668	9.668	0.000	92	2698655	500.0	495.0	
98 Bromoform	173	9.700	9.701	-0.001	97	962904	500.0	458.4	
99 Isopropylbenzene	105	9.799	9.799	0.000	96	8288123	500.0	458.4	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	90	95502	50.0	45.2	
101 Bromobenzene	156	10.103	10.111	-0.008	99	1883134	500.0	491.8	
102 1,1,2,2-Tetrachloroethane	83	10.152	10.144	0.008	99	1709313	500.0	480.7	
103 N-Propylbenzene	91	10.161	10.161	0.000	100	9512510	500.0	492.0	
104 1,2,3-Trichloropropane	110	10.185	10.185	0.000	98	477856	500.0	427.8	
105 trans-1,4-Dichloro-2-buten	53	10.202	10.202	0.000	91	430360	500.0	500.1	
107 4-Ethyltoluene	105	10.259	10.259	0.000	89	8455910	500.0	509.1	
106 2-Chlorotoluene	91	10.259	10.259	0.000	91	6905760	500.0	513.1	
108 1,3,5-Trimethylbenzene	105	10.317	10.309	0.008	94	7354519	500.0	505.2	
109 4-Chlorotoluene	91	10.350	10.350	0.000	97	5660143	500.0	491.3	
110 Butyl Methacrylate	87	10.391	10.391	0.000	88	2561564	500.0	493.6	
111 tert-Butylbenzene	119	10.547	10.547	0.000	95	6236217	500.0	544.3	
112 1,2,4-Trimethylbenzene	105	10.596	10.596	0.000	97	7523821	500.0	503.9	
113 sec-Butylbenzene	105	10.711	10.711	0.000	99	9236556	500.0	508.2	
114 4-Isopropyltoluene	119	10.810	10.810	0.000	97	8376342	500.0	515.7	
115 1,3-Dichlorobenzene	146	10.818	10.818	0.000	96	3918625	500.0	499.5	
* 116 1,4-Dichlorobenzene-d4	152	10.875	10.876	-0.001	86	118117	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.892	10.884	0.008	95	3940027	500.0	485.7	
132 1,2,3-Trimethylbenzene	105	10.900	10.900	0.000	98	8310877	500.0	519.7	
118 Benzyl chloride	91	10.982	10.991	-0.009	99	3819583	500.0	448.3	
119 2,3-Dihydroindene	117	11.032	11.032	0.000	95	7531406	500.0	475.4	
120 p-Diethylbenzene	119	11.064	11.065	-0.001	92	4439771	500.0	490.2	
121 n-Butylbenzene	92	11.081	11.081	0.000	98	4090508	500.0	476.2	
122 1,2-Dichlorobenzene	146	11.138	11.139	-0.001	97	3841347	500.0	486.2	
123 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	98	7837259	500.0	493.8	
124 1,2-Dibromo-3-Chloropropan	75	11.623	11.623	0.000	96	334227	500.0	414.6	
125 1,3,5-Trichlorobenzene	180	11.705	11.705	0.000	98	3131427	500.0	479.3	
126 1,2,4-Trichlorobenzene	180	12.108	12.108	0.000	94	2913450	500.0	468.6	
127 Hexachlorobutadiene	225	12.166	12.166	0.000	96	1229535	500.0	498.8	
128 Naphthalene	128	12.272	12.272	0.000	99	6879768	500.0	469.2	
129 1,2,3-Trichlorobenzene	180	12.437	12.437	0.000	96	2690477	500.0	466.7	
S 130 1,2-Dichloroethene, Total	100				0		1000.0	929.2	
S 131 Xylenes, Total	100				0		1000.0	914.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00088	Amount Added:	40.00	Units: uL	
MIX I Hi_00104	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00081	Amount Added:	50.00	Units: uL	
Ethanol mix_00026	Amount Added:	50.00	Units: uL	
GAS Hi_00297	Amount Added:	50.00	Units: uL	
8FreonHi_00001	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00020	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Mar-2019 15:39:39 Chrom Revision: 2.3 11-Feb-2019 16:31:10

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Injection Date: 14-Mar-2019 13:15:30 Instrument ID: CVOAMS6 Operator ID:

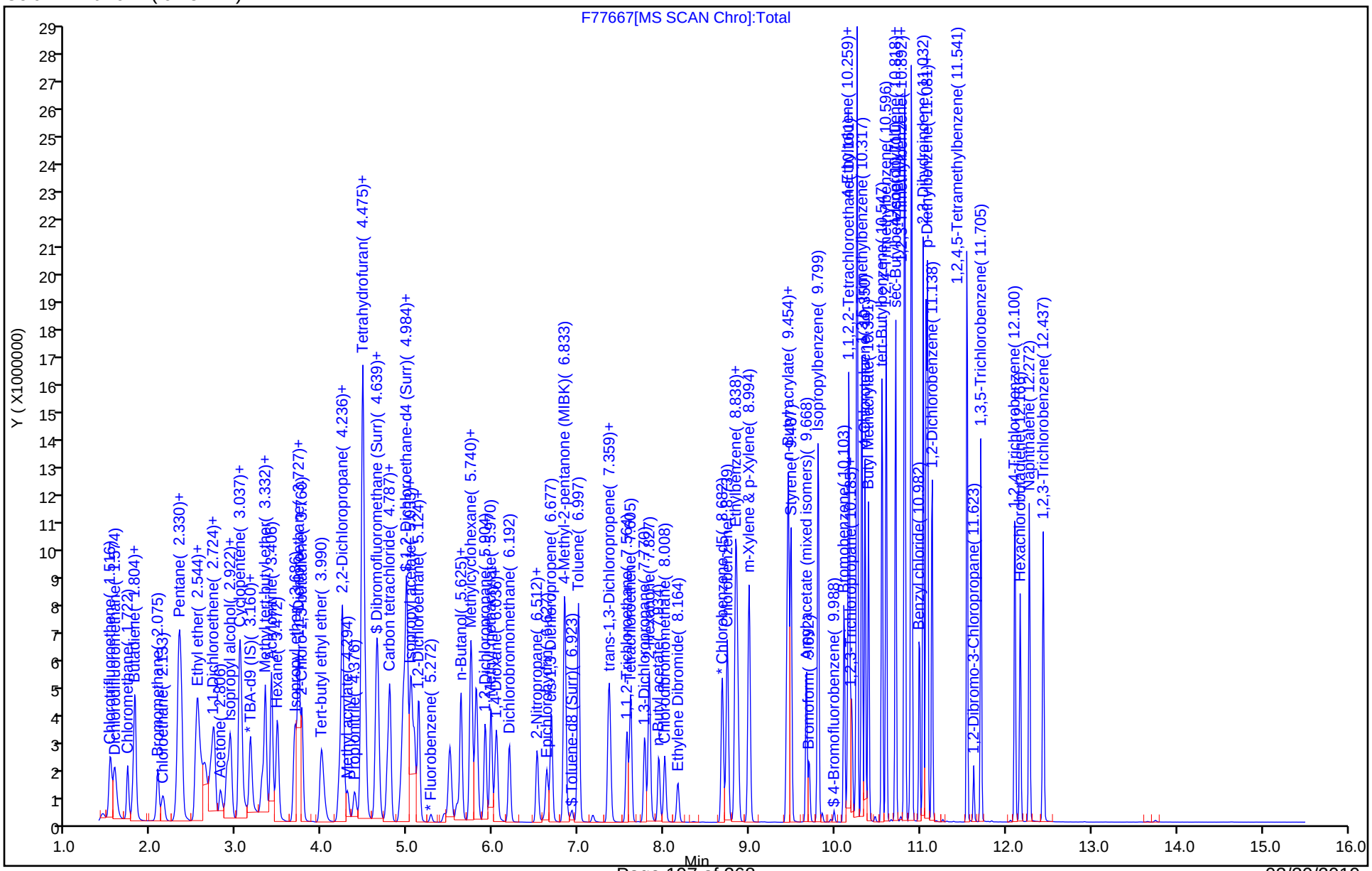
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

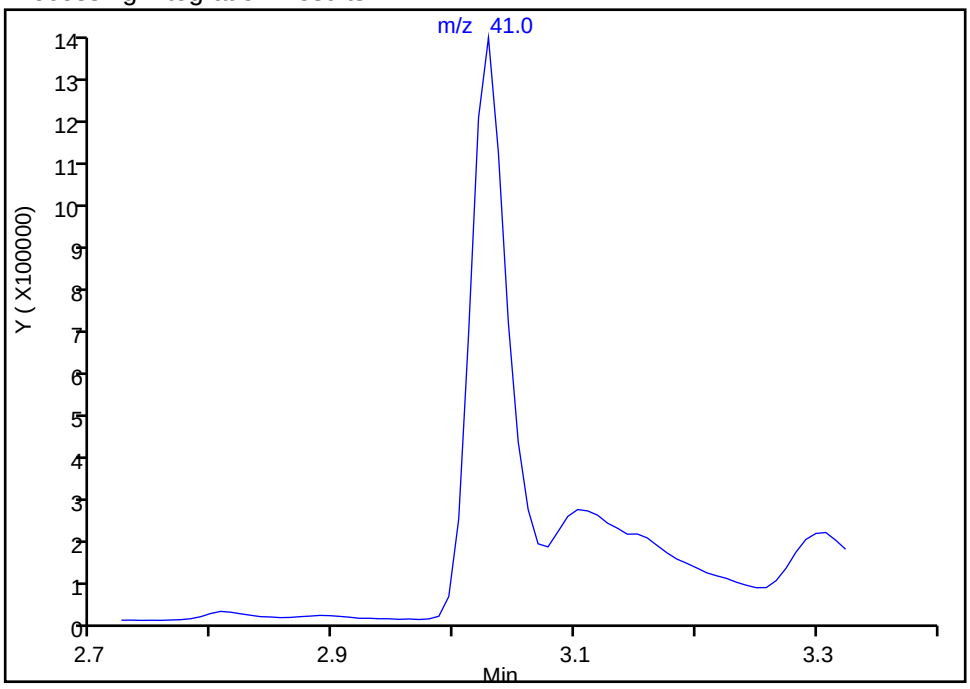
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D
Injection Date: 14-Mar-2019 13:15:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

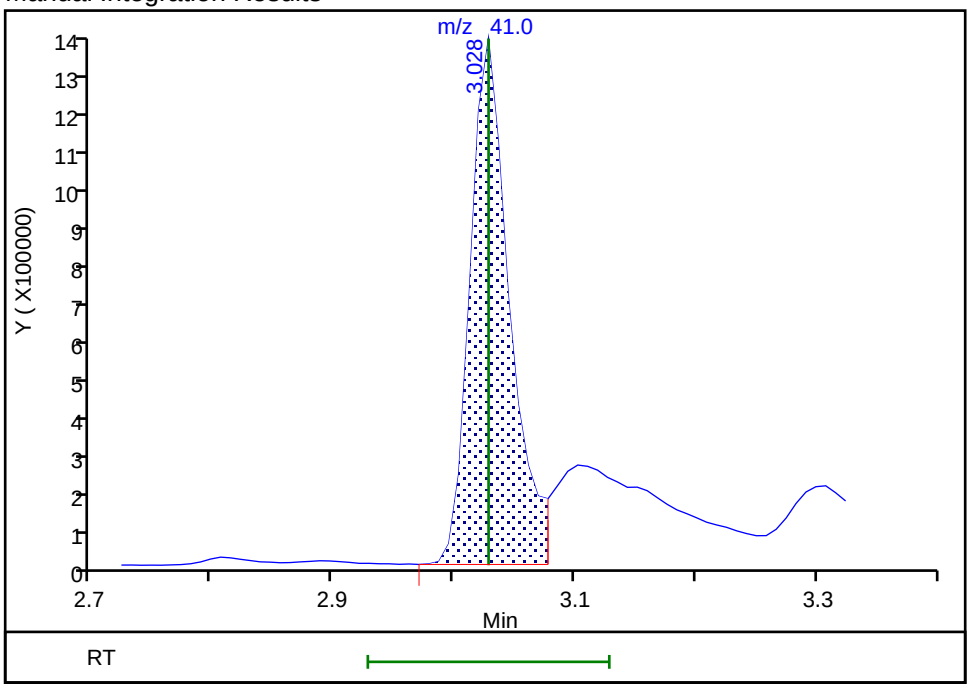
Not Detected
Expected RT: 3.03

Processing Integration Results



Manual Integration Results

RT: 3.03
Area: 2973133
Amount: 465.1863
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:38:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

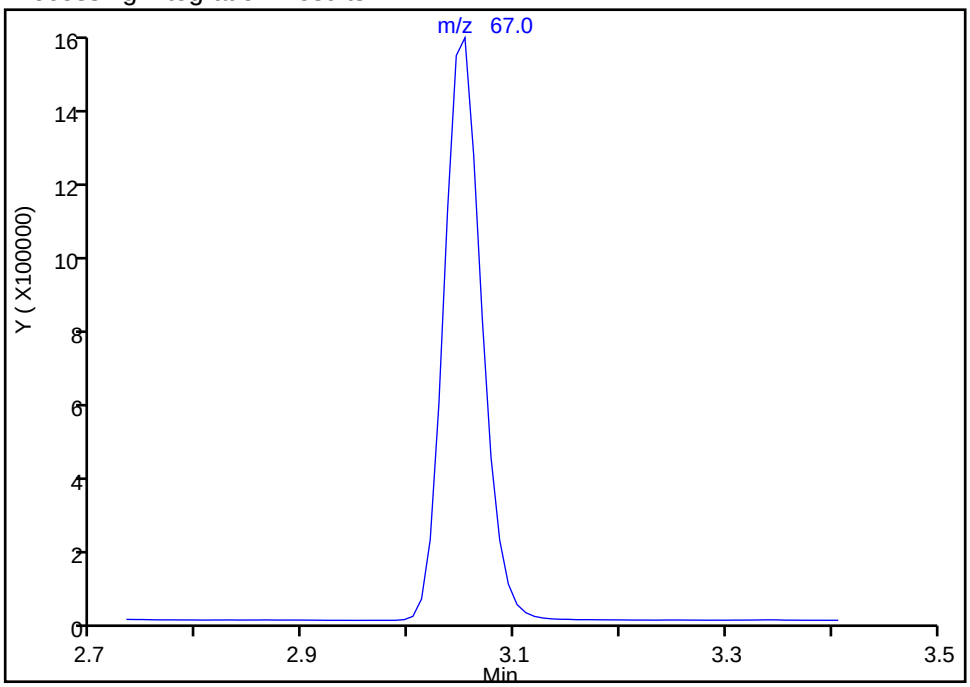
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D
Injection Date: 14-Mar-2019 13:15:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Cyclopentene, CAS: 142-29-0

Signal: 1

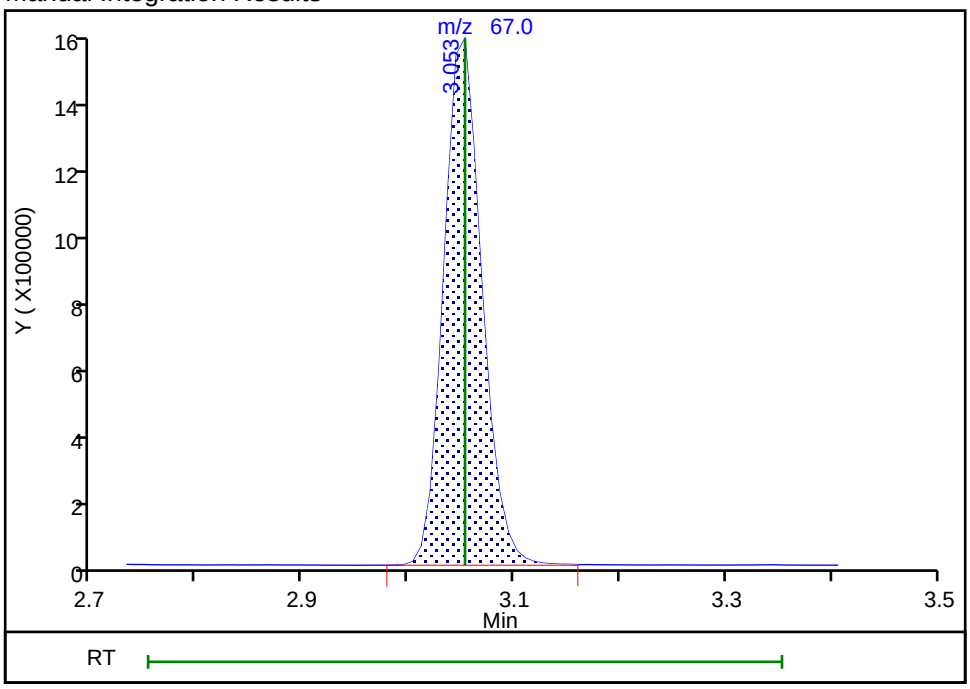
Not Detected
Expected RT: 3.05

Processing Integration Results



Manual Integration Results

RT: 3.05
Area: 4003338
Amount: 498.7411
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:38:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

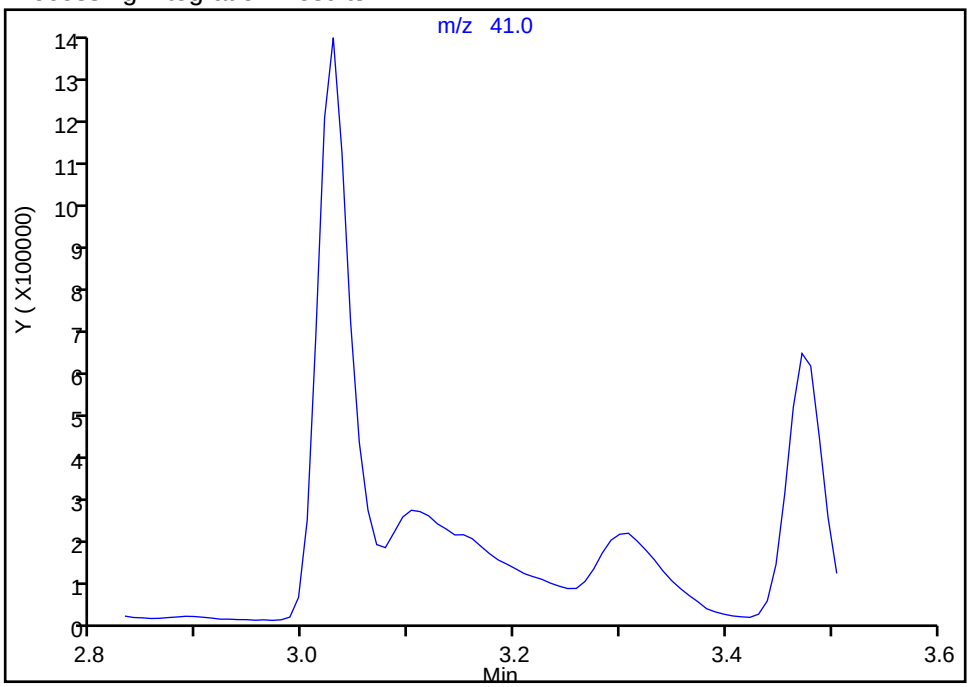
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D
Injection Date: 14-Mar-2019 13:15:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

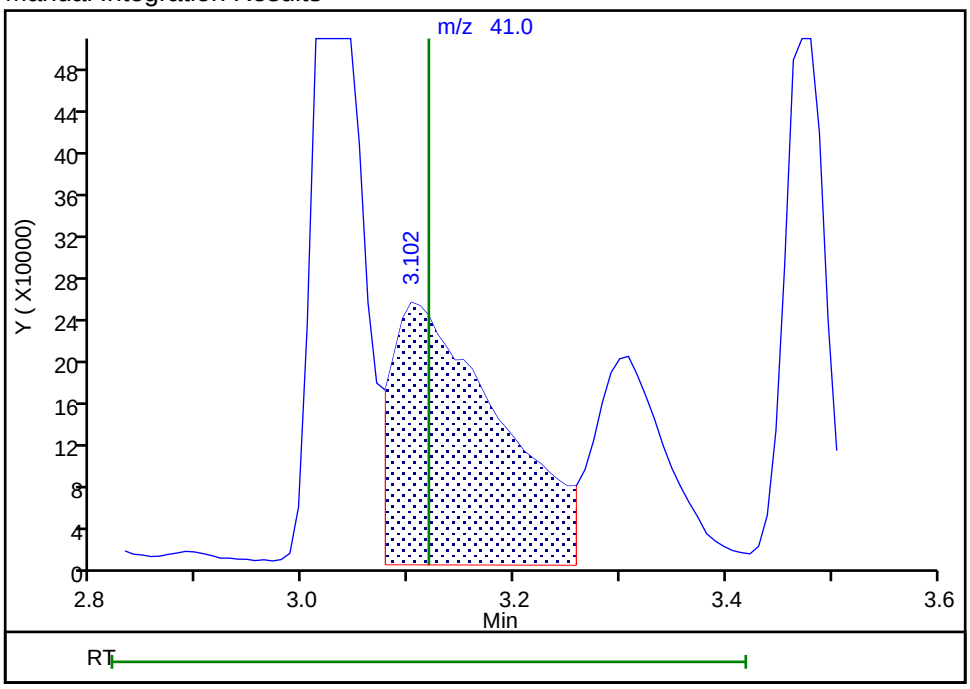
Not Detected
Expected RT: 3.12

Processing Integration Results



Manual Integration Results

RT: 3.10
Area: 1809060
Amount: 4805.5343
Amount Units: ug/l



Reviewer: martineze, 14-Mar-2019 14:38:50
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

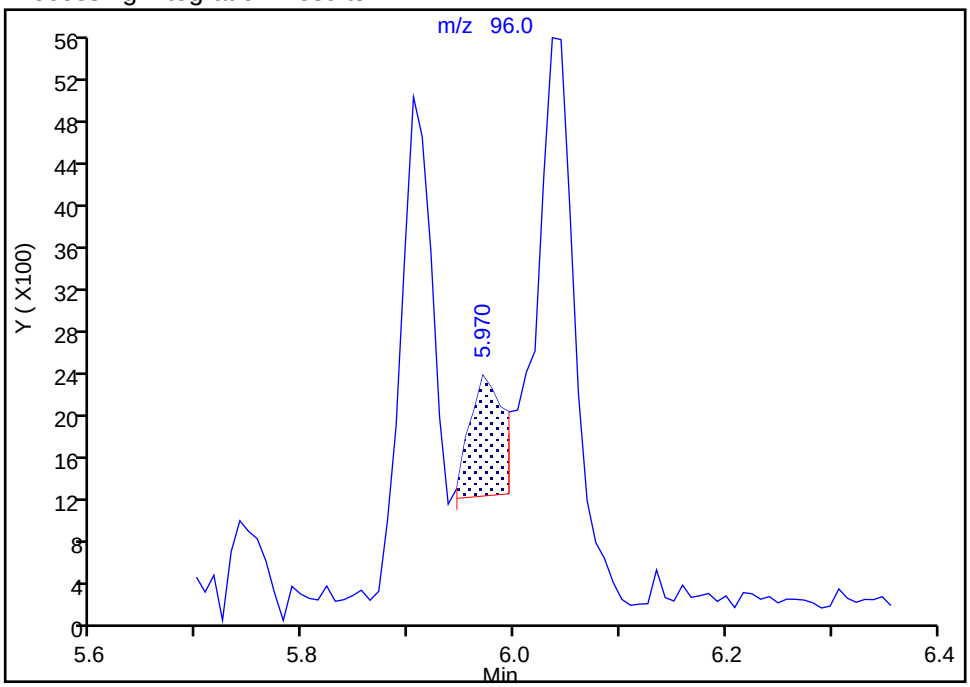
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D
Injection Date: 14-Mar-2019 13:15:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

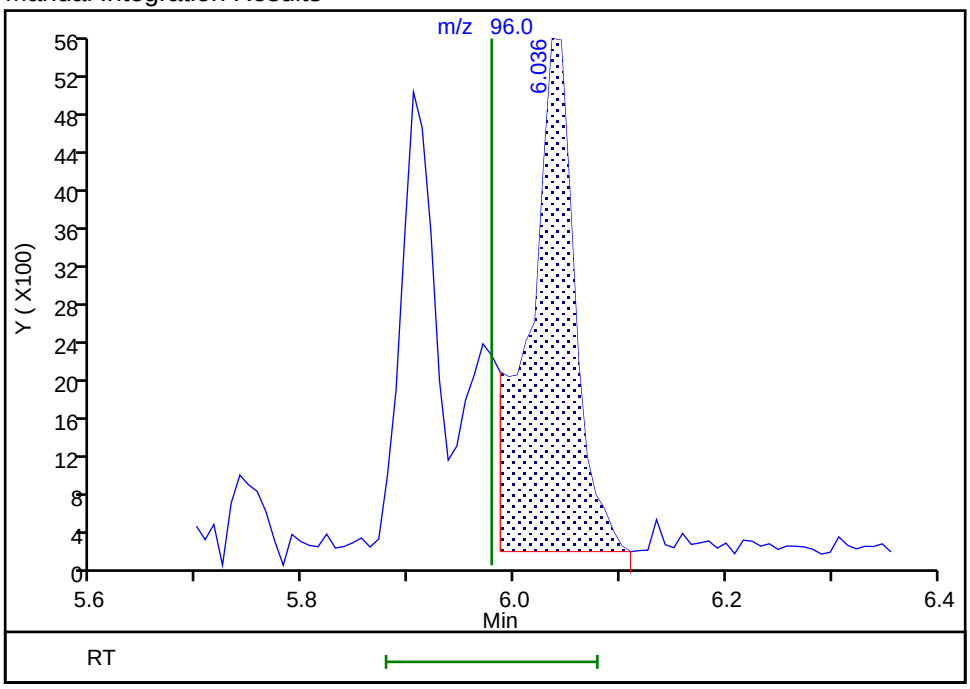
Processing Integration Results

RT: 5.97
Area: 2612
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.04
Area: 16431
Amount: 1000.0000
Amount Units: ug/l



Reviewer: boykink, 14-Mar-2019 21:28:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Lab Sample ID: ICV 460-595334/18 Calibration Date: 03/14/2019 16:52

Instrument ID: CVOAMS6 Calib Start Date: 03/14/2019 10:51

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2019 13:15

Lab File ID: F77676.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
Dichlorodifluoromethane	Ave	0.8972	1.160	0.1000	25.9	20.0	29.3	30.0
Chloromethane	Ave	0.9117	0.9443	0.1000	20.7	20.0	3.6	30.0
Butadiene	Ave	0.7425	0.8224		22.2	20.0	10.8	30.0
Vinyl chloride	Ave	0.9043	0.998	0.1000	22.1	20.0	10.4	30.0
Bromomethane	Ave	0.6081	0.6403	0.1000	21.1	20.0	5.3	30.0
Chloroethane	Ave	0.5502	0.5755	0.1000	20.9	20.0	4.6	30.0
Dichlorofluoromethane	Ave	1.346	1.409		20.9	20.0	4.7	30.0
Trichlorofluoromethane	Ave	0.9544	1.065	0.1000	22.3	20.0	11.6	30.0
Pentane	QuaF		6.062		42.7	40.0	6.7	30.0
Ethyl ether	Ave	0.4584	0.5003		21.8	20.0	9.1	30.0
Ethanol	Ave	0.0447	0.0437		782	800	-2.2	30.0
2-Methyl-1,3-butadiene	Ave	0.5033	0.5386		21.4	20.0	7.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5622	0.6207	0.1000	22.1	20.0	10.4	30.0
Acrolein	Ave	3.730	4.330		46.4	40.0	16.1	30.0
1,1-Dichloroethene	Ave	0.5492	0.5705	0.1000	20.8	20.0	3.9	30.0
Acetone	Ave	1.796	1.813	0.0500	101	100	0.9	30.0
Iodomethane	Ave	1.009	1.073		21.3	20.0	6.3	30.0
Isopropyl alcohol	Ave	1.240	1.610		260	200	29.8	30.0
Carbon disulfide	Ave	2.010	2.102	0.1000	20.9	20.0	4.6	30.0
Allyl chloride	Ave	1.145	1.223		21.4	20.0	6.8	30.0
Methyl acetate	Ave	0.4019	0.4012	0.1000	39.9	40.0	-0.2	30.0
Cyclopentene	Ave	1.438	1.480		20.6	20.0	2.9	30.0
Acetonitrile	Ave	3.007	3.150		209	200	4.7	30.0
Methylene Chloride	Ave	0.6271	0.6894	0.1000	22.0	20.0	9.9	30.0
2-Methyl-2-propanol	Ave	2.548	2.600		204	200	2.0	30.0
Methyl tert-butyl ether	Ave	1.476	1.607	0.1000	21.8	20.0	8.8	30.0
trans-1,2-Dichloroethene	Ave	0.6056	0.6469	0.1000	21.4	20.0	6.8	30.0
Acrylonitrile	Ave	0.1942	0.2030		209	200	4.6	30.0
Hexane	Ave	0.4976	0.5758		23.1	20.0	15.7	30.0
Isopropyl ether	Ave	1.929	2.112		21.9	20.0	9.5	30.0
1,1-Dichloroethane	Ave	1.078	1.143	0.2000	21.2	20.0	6.0	30.0
Vinyl acetate	Lin2		0.1224		44.8	40.0	12.0	30.0
2-Chloro-1,3-butadiene	Ave	0.5400	0.5599		20.7	20.0	3.7	30.0
Tert-butyl ethyl ether	Ave	1.719	1.832		21.3	20.0	6.6	30.0
2,2-Dichloropropane	Ave	0.2232	0.2342		21.0	20.0	4.9	30.0
cis-1,2-Dichloroethene	Ave	0.6829	0.7340	0.1000	21.5	20.0	7.5	30.0
Ethyl acetate	QuaF		0.5872		38.9	40.0	-2.9	30.0
2-Butanone (MEK)	Ave	0.6767	0.6352	0.0500	93.9	100	-6.1	30.0
Methyl acrylate	Ave	0.5704	0.5942		20.8	20.0	4.2	30.0
Propionitrile	Ave	3.253	3.395		209	200	4.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Lab Sample ID: ICV 460-595334/18 Calibration Date: 03/14/2019 16:52

Instrument ID: CVOAMS6 Calib Start Date: 03/14/2019 10:51

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2019 13:15

Lab File ID: F77676.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
Chlorobromomethane	Ave	0.3336	0.3377		20.2	20.0	1.2	30.0
Tetrahydrofuran	Ave	0.7450	0.8363		44.9	40.0	12.2	30.0
Methacrylonitrile	Ave	0.2086	0.2048		196	200	-1.9	30.0
Chloroform	Ave	1.022	1.078	0.2000	21.1	20.0	5.5	30.0
Cyclohexane	Ave	0.9596	1.039	0.1000	21.7	20.0	8.3	30.0
1,1,1-Trichloroethane	Ave	0.9531	0.9492	0.1000	19.9	20.0	-0.4	30.0
Carbon tetrachloride	Ave	0.7883	0.8245	0.1000	20.9	20.0	4.6	30.0
1,1-Dichloropropene	Ave	0.7967	0.8151		20.5	20.0	2.3	30.0
Isobutyl alcohol	Ave	1.686	1.743		517	500	3.4	30.0
Benzene	Ave	3.487	3.568	0.5000	20.5	20.0	2.3	30.0
Isopropyl acetate	Ave	1.698	1.763		20.8	20.0	3.9	30.0
Tert-amyl methyl ether	Ave	2.002	2.098		21.0	20.0	4.8	30.0
1,2-Dichloroethane	Ave	0.7279	0.7439	0.1000	20.4	20.0	2.2	30.0
n-Heptane	Ave	0.4717	0.4723		20.0	20.0	0.1	30.0
n-Butanol	Ave	0.5102	0.4646		455	500	-8.9	30.0
Trichloroethene	Ave	0.5770	0.5685	0.2000	19.7	20.0	-1.5	30.0
Ethyl acrylate	Ave	1.392	1.392		20.0	20.0	-0.0	30.0
Methylcyclohexane	Ave	1.121	1.131	0.1000	20.2	20.0	0.9	30.0
1,2-Dichloropropane	Ave	0.5827	0.6062	0.1000	20.8	20.0	4.0	30.0
Methyl methacrylate	Ave	0.1335	0.1268		38.0	40.0	-5.0	30.0
n-Propyl acetate	Lin2		0.6046		19.5	20.0	-2.7	30.0
1,4-Dioxane	Ave	1.744	2.036		467	400	16.7	30.0
Dibromomethane	Ave	0.3527	0.3296		18.7	20.0	-6.5	30.0
Dichlorobromomethane	Ave	0.7543	0.7457	0.2000	19.8	20.0	-1.1	30.0
2-Chloroethyl vinyl ether	Ave	0.2905	0.2881		19.8	20.0	-0.8	30.0
2-Nitropropane	Lin2		0.1428		43.6	40.0	9.1	30.0
Epichlorohydrin	Ave	0.5025	0.3432		13.7	20.0	-31.7*	30.0
cis-1,3-Dichloropropene	Ave	1.182	1.266	0.2000	21.4	20.0	7.1	30.0
4-Methyl-2-pentanone (MIBK)	Ave	5.219	5.539	0.0500	106	100	6.1	30.0
Toluene	Ave	3.438	3.485	0.4000	20.3	20.0	1.4	30.0
trans-1,3-Dichloropropene	Ave	0.9851	0.9760	0.1000	19.8	20.0	-0.9	30.0
Ethyl methacrylate	Ave	0.9841	0.9915		20.1	20.0	0.7	30.0
1,1,2-Trichloroethane	Ave	0.5124	0.5193	0.1000	20.3	20.0	1.3	30.0
Tetrachloroethene	Ave	0.8085	0.8558	0.2000	21.2	20.0	5.9	30.0
1,3-Dichloropropane	Ave	1.056	1.057		20.0	20.0	0.0	30.0
2-Hexanone	Ave	2.856	2.986	0.0500	105	100	4.5	30.0
n-Butyl acetate	Ave	1.026	1.100		21.4	20.0	7.2	30.0
Chlorodibromomethane	Ave	0.7376	0.7407	0.1000	20.1	20.0	0.4	30.0
Ethylene Dibromide	Ave	0.5961	0.6002	0.1000	20.1	20.0	0.7	30.0
Chlorobenzene	Ave	2.093	2.126	0.5000	20.3	20.0	1.6	30.0
Ethylbenzene	Ave	1.273	1.312	0.1000	20.6	20.0	3.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Lab Sample ID: ICV 460-595334/18 Calibration Date: 03/14/2019 16:52

Instrument ID: CVOAMS6 Calib Start Date: 03/14/2019 10:51

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2019 13:15

Lab File ID: F77676.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
1,1,1,2-Tetrachloroethane	Ave	0.8799	0.9214		20.9	20.0	4.7	30.0
m-Xylene & p-Xylene	Ave	1.551	1.581	0.1000	20.4	20.0	1.9	30.0
n-Butyl acrylate	Ave	0.6384	0.6507		20.4	20.0	1.9	30.0
o-Xylene	Ave	1.620	1.687	0.3000	20.8	20.0	4.1	30.0
Styrene	Ave	2.477	2.602	0.3000	21.0	20.0	5.1	30.0
Amyl acetate (mixed isomers)	Ave	2.308	2.363		20.5	20.0	2.4	30.0
Bromoform	Ave	0.4869	0.5177	0.1000	21.3	20.0	6.3	30.0
Isopropylbenzene	Ave	4.191	4.419	0.1000	21.1	20.0	5.4	30.0
Bromobenzene	Ave	1.621	1.629		20.1	20.0	0.5	30.0
1,1,2,2-Tetrachloroethane	Ave	1.505	1.532	0.3000	20.4	20.0	1.8	30.0
N-Propylbenzene	Ave	8.184	8.324		20.3	20.0	1.7	30.0
1,2,3-Trichloropropane	Ave	0.4729	0.4283		18.1	20.0	-9.4	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3643	0.3897		21.4	20.0	7.0	30.0
2-Chlorotoluene	Ave	5.698	5.758		20.2	20.0	1.1	30.0
4-Ethyltoluene	Ave	7.031	7.030		20.0	20.0	-0.0	30.0
1,3,5-Trimethylbenzene	Ave	6.162	6.270		20.4	20.0	1.8	30.0
4-Chlorotoluene	Ave	4.877	4.945		20.3	20.0	1.4	30.0
Butyl Methacrylate	Ave	2.197	2.192		20.0	20.0	-0.2	30.0
tert-Butylbenzene	Ave	4.850	4.758		19.6	20.0	-1.9	30.0
1,2,4-Trimethylbenzene	Ave	6.320	6.280		19.9	20.0	-0.6	30.0
sec-Butylbenzene	Ave	7.693	7.833		20.4	20.0	1.8	30.0
4-Isopropyltoluene	Ave	6.875	6.984		20.3	20.0	1.6	30.0
1,3-Dichlorobenzene	Ave	3.321	3.337	0.6000	20.1	20.0	0.5	30.0
1,4-Dichlorobenzene	Ave	3.434	3.510	0.5000	20.4	20.0	2.2	30.0
1,2,3-Trimethylbenzene	Ave	6.770	6.768		20.0	20.0	-0.0	30.0
Benzyl chloride	Lin2		3.711		21.0	20.0	4.9	30.0
Indan	Ave	6.706	6.901		20.6	20.0	2.9	30.0
p-Diethylbenzene	Ave	3.834	3.980		20.8	20.0	3.8	30.0
n-Butylbenzene	Ave	3.636	3.626		19.9	20.0	-0.3	30.0
1,2-Dichlorobenzene	Ave	3.344	3.439	0.4000	20.6	20.0	2.8	30.0
1,2,4,5-Tetramethylbenzene	Ave	6.718	6.758		20.1	20.0	0.6	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3413	0.3205	0.0500	18.8	20.0	-6.1	30.0
1,3,5-Trichlorobenzene	Ave	2.766	2.827		20.4	20.0	2.2	30.0
1,2,4-Trichlorobenzene	Ave	2.632	2.770	0.2000	21.0	20.0	5.2	30.0
Hexachlorobutadiene	Ave	1.043	1.092		20.9	20.0	4.7	30.0
Naphthalene	Ave	6.207	6.393		20.6	20.0	3.0	30.0
1,2,3-Trichlorobenzene	Ave	2.440	2.568		21.0	20.0	5.2	30.0
Dibromofluoromethane (Surr)	Ave	0.3032	0.3049		50.3	50.0	0.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3190	0.3240		50.8	50.0	1.6	30.0
Toluene-d8 (Surr)	Ave	1.569	1.609		51.3	50.0	2.6	30.0
4-Bromofluorobenzene	Ave	0.4894	0.4954		50.6	50.0	1.2	30.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77676.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 14-Mar-2019 16:52:30 ALS Bottle#: 19 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0087864-018
Operator ID: Instrument ID: CVOAMS6
Sublist:

Method: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-Mar-2019 15:39:36 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0315

First Level Reviewer: boykink Date: 14-Mar-2019 21:47:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.549	1.558	-0.009	98	108188	20.0	25.9	
3 Chloromethane	50	1.722	1.722	0.000	99	88047	20.0	20.7	
5 Butadiene	54	1.796	1.804	-0.008	96	76685	20.0	22.2	
4 Vinyl chloride	62	1.812	1.812	0.000	98	93078	20.0	22.1	
6 Bromomethane	94	2.075	2.075	0.000	99	59705	20.0	21.1	
7 Chloroethane	64	2.141	2.133	0.008	99	53660	20.0	20.9	
8 Dichlorofluoromethane	67	2.313	2.314	-0.001	99	131397	20.0	20.9	
9 Trichlorofluoromethane	101	2.322	2.322	0.000	97	99290	20.0	22.3	
10 Pentane	72	2.330	2.338	-0.008	97	24444	40.0	42.7	
11 Ethanol	46	2.527	2.519	0.008	69	3527	800.0	782.3	
12 Ethyl ether	59	2.519	2.519	0.000	96	46654	20.0	21.8	
13 2-Methyl-1,3-butadiene	53	2.544	2.544	0.000	97	50219	20.0	21.4	
15 Acrolein	56	2.700	2.692	0.008	54	17453	40.0	46.4	
16 1,1,2-Trichloro-1,2,2-trif	101	2.700	2.700	0.000	92	57879	20.0	22.1	a
17 1,1-Dichloroethene	96	2.724	2.724	0.000	98	53193	20.0	20.8	
18 Acetone	43	2.815	2.815	0.000	86	75550	100.0	100.9	
19 Iodomethane	142	2.880	2.881	-0.001	97	100052	20.0	21.3	
20 Isopropyl alcohol	45	2.913	2.913	0.000	26	32451	200.0	259.6	
21 Carbon disulfide	76	2.922	2.913	0.009	100	195958	20.0	20.9	
22 3-Chloro-1-propene	41	3.028	3.028	0.000	91	114069	20.0	21.4	
24 Methyl acetate	43	3.045	3.045	0.000	99	74827	40.0	39.9	
23 Cyclopentene	67	3.053	3.053	0.000	96	138023	20.0	20.6	
25 Acetonitrile	41	3.127	3.119	0.008	94	63501	200.0	209.5	
27 Methylene Chloride	84	3.160	3.160	0.000	93	64283	20.0	22.0	
* 26 TBA-d9 (IS)	65	3.160	3.168	-0.008	0	100804	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.226	3.226	0.000	91	52418	200.0	204.0	
29 Methyl tert-butyl ether	73	3.308	3.308	0.000	96	149804	20.0	21.8	
30 trans-1,2-Dichloroethene	96	3.341	3.341	0.000	95	60324	20.0	21.4	
31 Acrylonitrile	53	3.406	3.406	0.000	96	189328	200.0	209.1	
32 Hexane	43	3.480	3.480	0.000	93	53688	20.0	23.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	3.686	3.678	0.008	96	196892	20.0	21.9	
34 1,1-Dichloroethane	63	3.727	3.727	0.000	99	106546	20.0	21.2	
35 Vinyl acetate	86	3.735	3.735	0.000	100	22828	40.0	44.8	
36 2-Chloro-1,3-butadiene	88	3.768	3.768	0.000	92	52207	20.0	20.7	
37 Tert-butyl ethyl ether	59	3.990	3.990	0.000	89	170864	20.0	21.3	
* 38 2-Butanone-d5	46	4.195	4.195	0.000	0	104173	250.0	250.0	
39 2,2-Dichloropropane	97	4.212	4.212	0.000	96	21835	20.0	21.0	
40 cis-1,2-Dichloroethene	96	4.236	4.236	0.000	96	68442	20.0	21.5	
41 2-Butanone (MEK)	72	4.253	4.245	0.008	96	26466	100.0	93.9	
42 Ethyl acetate	70	4.236	4.245	-0.009	94	9787	40.0	38.9	
43 Methyl acrylate	55	4.302	4.302	0.000	99	37533	20.0	20.8	a
44 Propionitrile	54	4.384	4.384	0.000	96	68449	200.0	208.8	
45 Chlorobromomethane	128	4.458	4.458	0.000	85	31493	20.0	20.2	
46 Tetrahydrofuran	72	4.466	4.458	0.008	54	13939	40.0	44.9	
47 Methacrylonitrile	67	4.475	4.475	0.000	93	190930	200.0	196.3	
48 Chloroform	83	4.507	4.507	0.000	99	100532	20.0	21.1	
49 Cyclohexane	84	4.631	4.631	0.000	91	96894	20.0	21.7	
50 1,1,1-Trichloroethane	97	4.647	4.647	0.000	98	88508	20.0	19.9	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	97	71070	50.0	50.3	
52 Carbon tetrachloride	117	4.770	4.762	0.008	97	76884	20.0	20.9	
53 1,1-Dichloropropene	75	4.795	4.795	0.000	97	76005	20.0	20.5	
54 Isobutyl alcohol	43	4.943	4.943	0.000	45	87841	500.0	516.8	
55 Benzene	78	4.992	4.992	0.000	97	225373	20.0	20.5	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.009	5.009	0.000	0	75533	50.0	50.8	
57 Isopropyl acetate	43	5.042	5.033	0.009	87	164391	20.0	20.8	
58 Tert-amyl methyl ether	73	5.042	5.042	0.000	90	195617	20.0	21.0	
59 1,2-Dichloroethane	62	5.083	5.083	0.000	97	69368	20.0	20.4	
60 n-Heptane	57	5.124	5.132	-0.008	92	44038	20.0	20.0	
* 61 Fluorobenzene	96	5.272	5.272	0.000	99	233114	50.0	50.0	
62 n-Butanol	56	5.584	5.584	0.000	88	23416	500.0	455.3	
63 Trichloroethene	95	5.625	5.625	0.000	98	53010	20.0	19.7	
65 Ethyl acrylate	55	5.740	5.740	0.000	96	129764	20.0	20.0	
64 Methylcyclohexane	83	5.740	5.740	0.000	89	105444	20.0	20.2	
66 1,2-Dichloropropane	63	5.904	5.904	0.000	91	56522	20.0	20.8	
68 Methyl methacrylate	100	5.978	5.970	0.008	88	23655	40.0	38.0	
* 67 1,4-Dioxane-d8	96	5.986	5.978	0.008	0	11178	1000.0	1000.0	
69 1,4-Dioxane	88	6.036	6.028	0.008	29	9104	400.0	467.0	
70 n-Propyl acetate	43	6.028	6.028	0.000	98	56377	20.0	19.5	
71 Dibromomethane	93	6.044	6.044	0.000	96	30735	20.0	18.7	
72 Dichlorobromomethane	83	6.192	6.192	0.000	99	69531	20.0	19.8	
73 2-Nitropropane	41	6.512	6.512	0.000	82	26638	40.0	43.6	
74 2-Chloroethyl vinyl ether	63	6.512	6.512	0.000	68	26868	20.0	19.8	
75 Epichlorohydrin	57	6.627	6.627	0.000	89	2860	20.0	13.7	a
76 cis-1,3-Dichloropropene	75	6.677	6.677	0.000	93	79971	20.0	21.4	
77 4-Methyl-2-pentanone (MIBK	43	6.841	6.833	0.008	96	230813	100.0	106.1	
$ 78 Toluene-d8 (Surr)	98	6.923	6.923	0.000	99	254151	50.0	51.3	
79 Toluene	91	6.997	6.997	0.000	94	220130	20.0	20.3	
80 trans-1,3-Dichloropropene	75	7.350	7.351	-0.001	98	61655	20.0	19.8	
81 Ethyl methacrylate	69	7.367	7.367	0.000	89	62631	20.0	20.1	
82 1,1,2-Trichloroethane	83	7.564	7.564	0.000	94	32801	20.0	20.3	
83 Tetrachloroethene	166	7.605	7.605	0.000	97	54059	20.0	21.2	
84 1,3-Dichloropropane	76	7.770	7.770	0.000	94	66738	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Hexanone	43	7.827	7.827	0.000	96	124407	100.0	104.5	
86 n-Butyl acetate	43	7.942	7.942	0.000	99	69486	20.0	21.4	
87 Chlorodibromomethane	129	8.008	8.008	0.000	99	46788	20.0	20.1	
88 Ethylene Dibromide	107	8.164	8.164	0.000	100	37914	20.0	20.1	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	87	157923	50.0	50.0	
90 Chlorobenzene	112	8.739	8.739	0.000	95	134311	20.0	20.3	
91 Ethylbenzene	106	8.838	8.838	0.000	98	82862	20.0	20.6	
92 1,1,1,2-Tetrachloroethane	131	8.862	8.862	0.000	96	58201	20.0	20.9	
93 m-Xylene & p-Xylene	106	8.994	8.994	0.000	0	99887	20.0	20.4	
94 n-Butyl acrylate	73	9.438	9.438	0.000	98	41104	20.0	20.4	
95 o-Xylene	106	9.454	9.454	0.000	94	106557	20.0	20.8	
96 Styrene	104	9.487	9.487	0.000	97	164383	20.0	21.0	
97 Amyl acetate (mixed isomer	43	9.668	9.668	0.000	91	92676	20.0	20.5	
98 Bromoform	173	9.700	9.701	-0.001	97	32702	20.0	21.3	
99 Isopropylbenzene	105	9.799	9.799	0.000	96	279171	20.0	21.1	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	90	78238	50.0	50.6	
101 Bromobenzene	156	10.111	10.111	0.000	97	63861	20.0	20.1	
102 1,1,2,2-Tetrachloroethane	83	10.152	10.144	0.008	98	60094	20.0	20.4	
103 N-Propylbenzene	91	10.161	10.161	0.000	99	326410	20.0	20.3	
104 1,2,3-Trichloropropane	110	10.185	10.185	0.000	94	16796	20.0	18.1	
105 trans-1,4-Dichloro-2-buten	53	10.202	10.202	0.000	93	15281	20.0	21.4	
106 2-Chlorotoluene	91	10.259	10.259	0.000	90	225777	20.0	20.2	
107 4-Ethyltoluene	105	10.259	10.259	0.000	89	275674	20.0	20.0	
108 1,3,5-Trimethylbenzene	105	10.309	10.309	0.000	93	245880	20.0	20.4	
109 4-Chlorotoluene	91	10.350	10.350	0.000	97	193925	20.0	20.3	
110 Butyl Methacrylate	87	10.391	10.391	0.000	91	85944	20.0	20.0	
111 tert-Butylbenzene	119	10.547	10.547	0.000	95	186587	20.0	19.6	
112 1,2,4-Trimethylbenzene	105	10.596	10.596	0.000	97	246272	20.0	19.9	
113 sec-Butylbenzene	105	10.711	10.711	0.000	99	307163	20.0	20.4	
114 4-Isopropyltoluene	119	10.810	10.810	0.000	98	273880	20.0	20.3	
115 1,3-Dichlorobenzene	146	10.818	10.818	0.000	96	130867	20.0	20.1	
* 116 1,4-Dichlorobenzene-d4	152	10.876	10.876	0.000	93	98034	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.892	10.884	0.008	94	137629	20.0	20.4	
132 1,2,3-Trimethylbenzene	105	10.900	10.900	0.000	97	265386	20.0	20.0	
118 Benzyl chloride	91	10.991	10.991	0.000	99	145526	20.0	21.0	
119 2,3-Dihydroindene	117	11.032	11.032	0.000	95	270611	20.0	20.6	
120 p-Diethylbenzene	119	11.064	11.065	-0.001	92	156054	20.0	20.8	
121 n-Butylbenzene	92	11.081	11.081	0.000	98	142180	20.0	19.9	
122 1,2-Dichlorobenzene	146	11.138	11.139	-0.001	96	134860	20.0	20.6	
123 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	98	265013	20.0	20.1	
124 1,2-Dibromo-3-Chloropropan	75	11.623	11.623	0.000	96	12567	20.0	18.8	
125 1,3,5-Trichlorobenzene	180	11.705	11.705	0.000	97	110858	20.0	20.4	
126 1,2,4-Trichlorobenzene	180	12.108	12.108	0.000	93	108618	20.0	21.0	
127 Hexachlorobutadiene	225	12.166	12.166	0.000	95	42830	20.0	20.9	
128 Naphthalene	128	12.272	12.272	0.000	99	250711	20.0	20.6	
129 1,2,3-Trichlorobenzene	180	12.437	12.437	0.000	95	100702	20.0	21.0	
S 130 1,2-Dichloroethene, Total	100				0		40.0	42.9	
S 131 Xylenes, Total	100				0		40.0	41.2	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GAS C SP_00294	Amount Added:	20.00	Units: uL	
8260 SP_00104	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00097	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00020	Amount Added:	5.00	Units: uL	Run Reagent

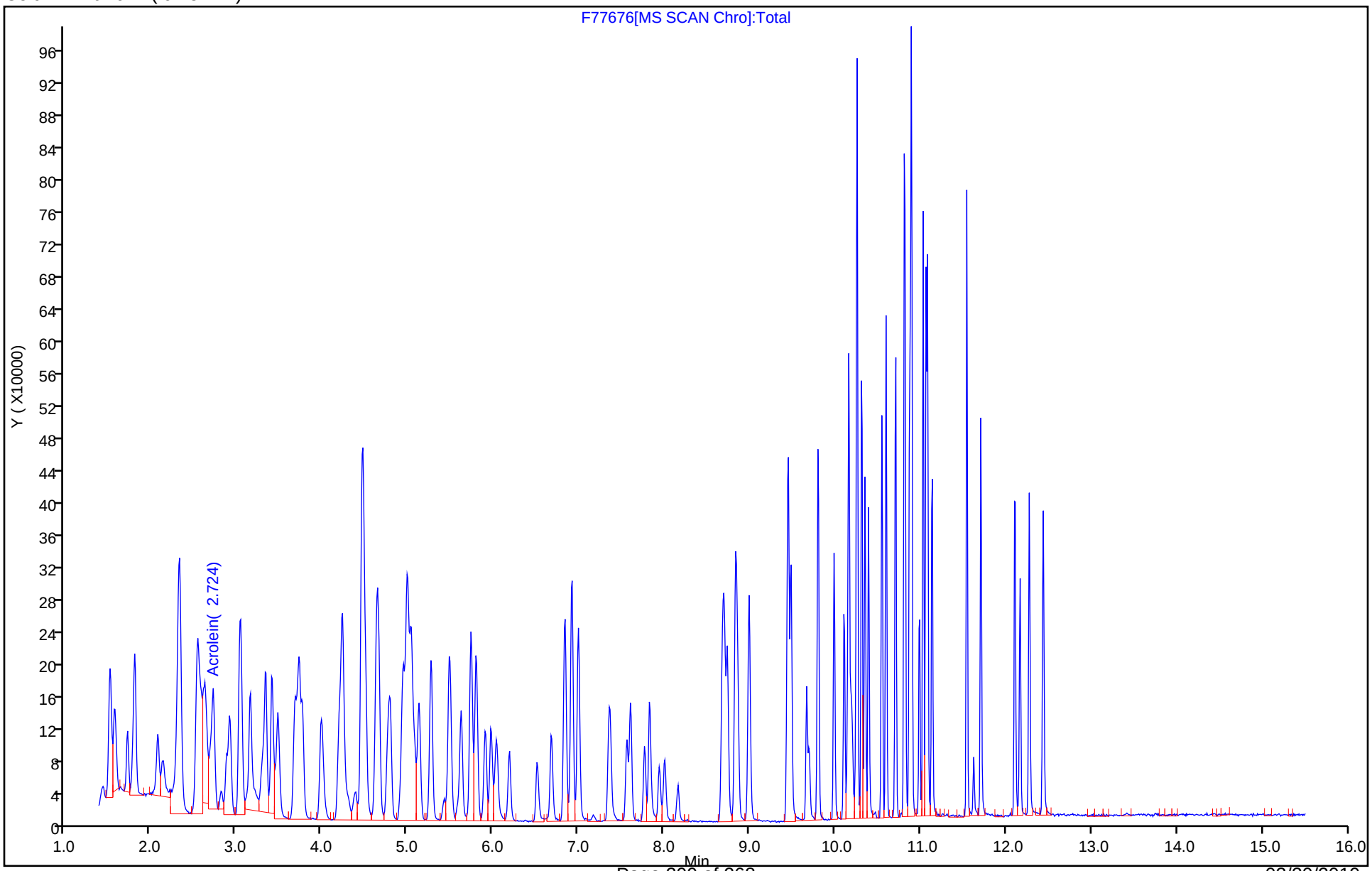
Report Date: 15-Mar-2019 15:39:55 Chrom Revision: 2.3 11-Feb-2019 16:31:10

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77676.D

Injection Date:	14-Mar-2019 16:52:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	18
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

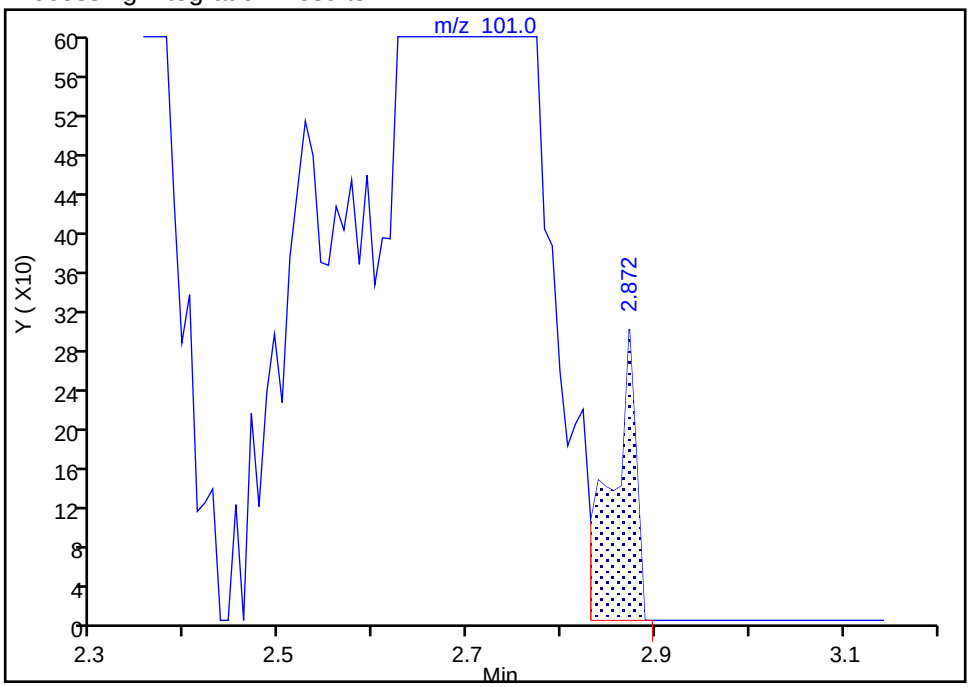
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77676.D
Injection Date: 14-Mar-2019 16:52:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

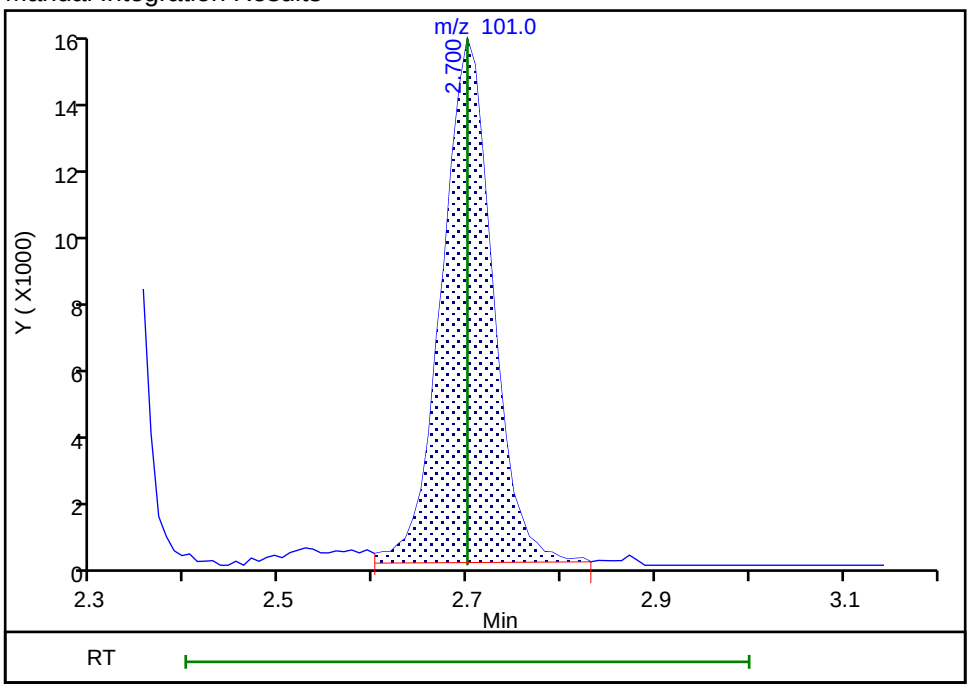
Processing Integration Results

RT: 2.87
Area: 542
Amount: 0.206790
Amount Units: ug/l



Manual Integration Results

RT: 2.70
Area: 57879
Amount: 22.082678
Amount Units: ug/l



Reviewer: boykink, 14-Mar-2019 21:43:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

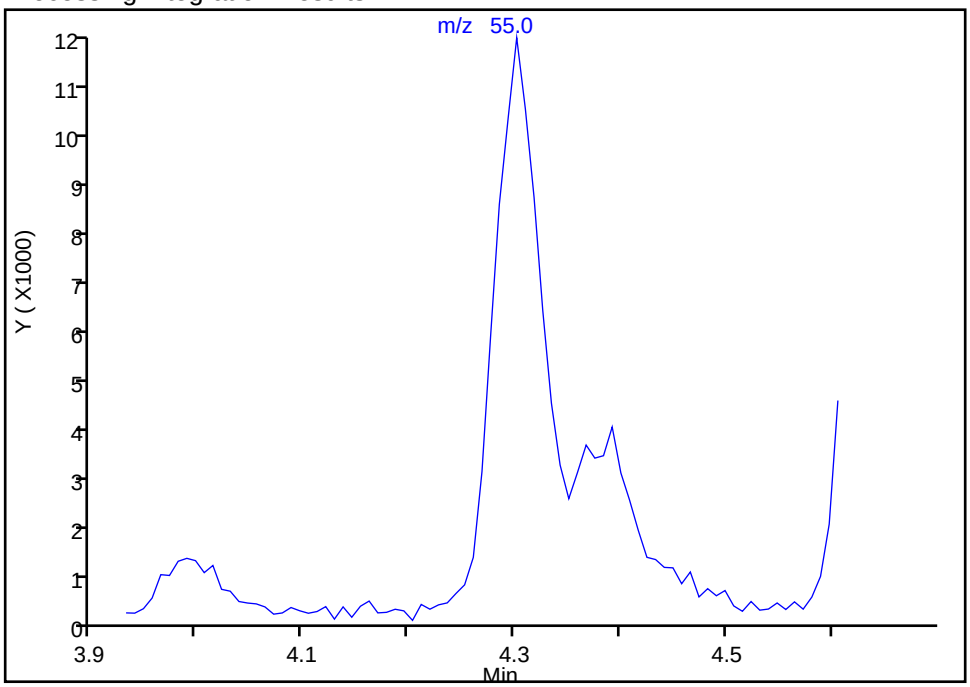
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77676.D
Injection Date: 14-Mar-2019 16:52:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Signal: 1

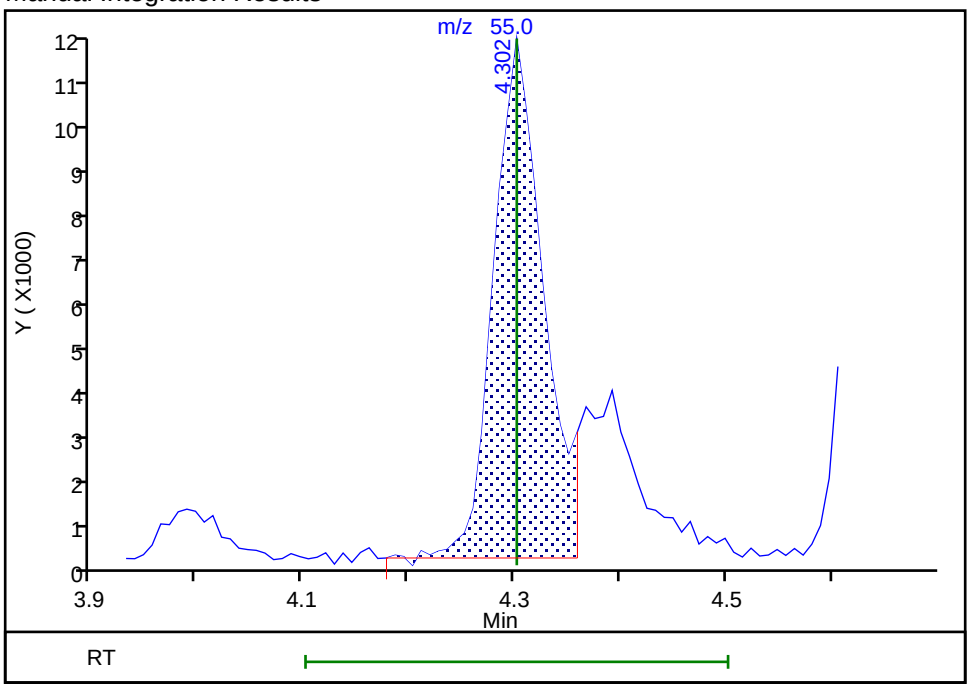
Not Detected
Expected RT: 4.30

Processing Integration Results



Manual Integration Results

RT: 4.30
Area: 37533
Amount: 20.832349
Amount Units: ug/l



Reviewer: boykink, 14-Mar-2019 21:44:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

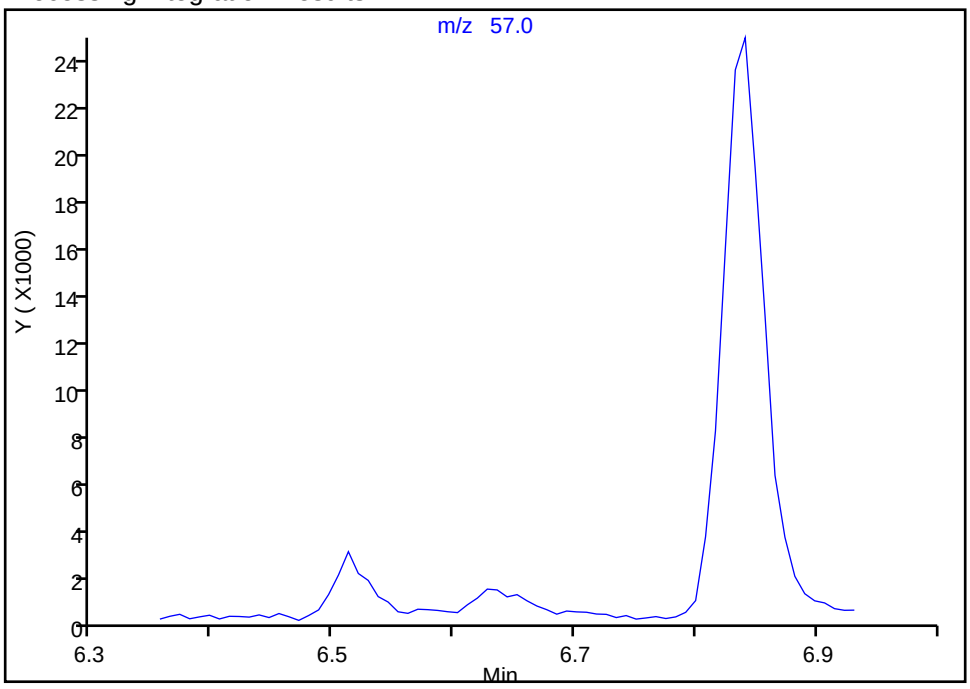
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77676.D
Injection Date: 14-Mar-2019 16:52:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 Epichlorohydrin, CAS: 106-89-8

Signal: 1

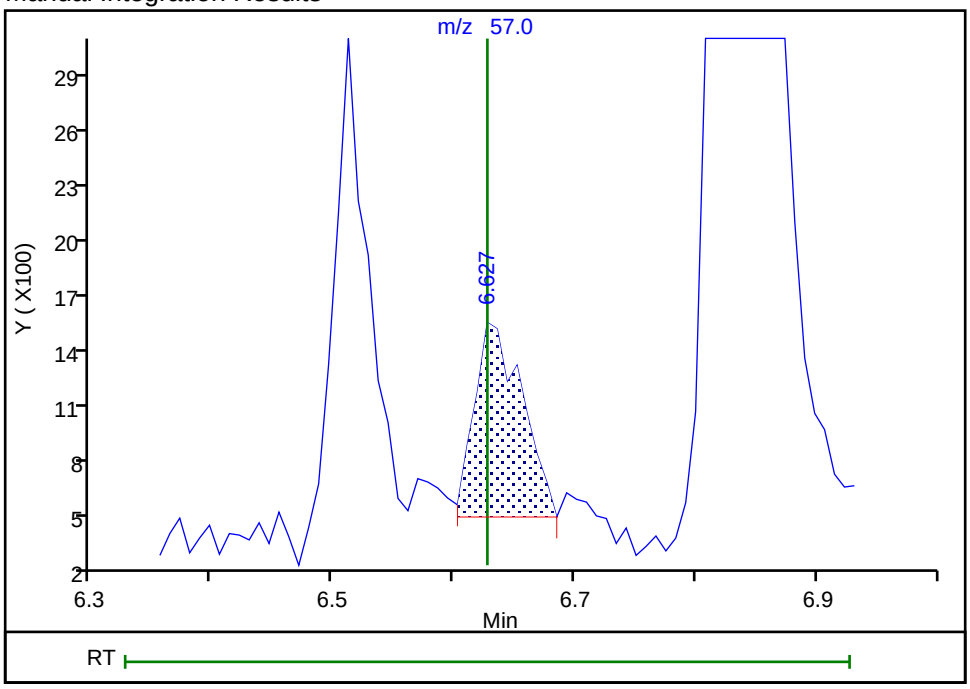
Not Detected
Expected RT: 6.63

Processing Integration Results



Manual Integration Results

RT: 6.63
Area: 2860
Amount: 13.657692
Amount Units: ug/l



Reviewer: boykink, 14-Mar-2019 21:45:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Lab Sample ID: CCVIS 460-598754/3 Calibration Date: 03/28/2019 20:37

Instrument ID: CVOAMS6 Calib Start Date: 03/14/2019 10:51

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2019 13:15

Lab File ID: F78387.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
Dichlorodifluoromethane	Ave	0.8972	0.5986	0.1000	13.3	20.0	-33.3*	20.0
Chloromethane	Ave	0.9117	0.8417	0.1000	18.5	20.0	-7.7	20.0
Butadiene	Ave	0.7425	0.6625		17.8	20.0	-10.8	20.0
Vinyl chloride	Ave	0.9043	0.8362	0.1000	18.5	20.0	-7.5	20.0
Bromomethane	Ave	0.6081	0.6312	0.1000	20.8	20.0	3.8	50.0
Chloroethane	Ave	0.5502	0.5546	0.1000	20.2	20.0	0.8	50.0
Dichlorofluoromethane	Ave	1.346	1.430		21.3	20.0	6.3	20.0
Trichlorofluoromethane	Ave	0.9544	0.9776	0.1000	20.5	20.0	2.4	20.0
Pentane	QuaF		6.730		47.4	40.0	18.5	20.0
Ethyl ether	Ave	0.4584	0.4681		20.4	20.0	2.1	20.0
2-Methyl-1,3-butadiene	Ave	0.5033	0.5401		21.5	20.0	7.3	20.0
Ethanol	Ave	0.0447	0.0815		1460	800	82.2*	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5622	0.6097	0.1000	21.7	20.0	8.4	20.0
Acrolein	Ave	3.730	3.085		33.1	40.0	-17.3	50.0
1,1-Dichloroethene	Ave	0.5492	0.6049	0.1000	22.0	20.0	10.1	20.0
Acetone	Ave	1.796	1.816	0.0500	101	100	1.1	50.0
Iodomethane	Ave	1.009	1.085		21.5	20.0	7.5	20.0
Carbon disulfide	Ave	2.010	2.257	0.1000	22.5	20.0	12.3	50.0
Isopropyl alcohol	Ave	1.240	1.241		200	200	0.0	50.0
Allyl chloride	Ave	1.145	1.228		21.5	20.0	7.3	20.0
Methyl acetate	Ave	0.4019	0.3773	0.1000	37.6	40.0	-6.1	20.0
Cyclopentene	Ave	1.438	1.557		21.7	20.0	8.3	20.0
Acetonitrile	Ave	3.007	3.198		213	200	6.4	20.0
Methylene Chloride	Ave	0.6271	0.7409	0.1000	23.6	20.0	18.2	20.0
2-Methyl-2-propanol	Ave	2.548	2.445		192	200	-4.0	50.0
Methyl tert-butyl ether	Ave	1.476	1.570	0.1000	21.3	20.0	6.4	20.0
trans-1,2-Dichloroethene	Ave	0.6056	0.6815	0.1000	22.5	20.0	12.5	20.0
Acrylonitrile	Ave	0.1942	0.2133		220	200	9.9	20.0
Hexane	Ave	0.4976	0.5133		20.6	20.0	3.2	20.0
Isopropyl ether	Ave	1.929	2.108		21.9	20.0	9.3	20.0
1,1-Dichloroethane	Ave	1.078	1.195	0.2000	22.2	20.0	10.9	20.0
Vinyl acetate	Lin2		0.0963		35.5	40.0	-11.2	20.0
2-Chloro-1,3-butadiene	Ave	0.5400	0.5701		21.1	20.0	5.6	20.0
Tert-butyl ethyl ether	Ave	1.719	1.838		21.4	20.0	7.0	20.0
2,2-Dichloropropane	Ave	0.2232	0.2242		20.1	20.0	0.5	20.0
cis-1,2-Dichloroethene	Ave	0.6829	0.7347	0.1000	21.5	20.0	7.6	20.0
2-Butanone (MEK)	Ave	0.6767	0.6078	0.0500	89.8	100	-10.2	50.0
Ethyl acetate	QuaF		0.5654		37.4	40.0	-6.5	20.0
Methyl acrylate	Ave	0.5704	0.4685		16.4	20.0	-17.9	20.0
Propionitrile	Ave	3.253	3.310		204	200	1.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Lab Sample ID: CCVIS 460-598754/3 Calibration Date: 03/28/2019 20:37

Instrument ID: CVOAMS6 Calib Start Date: 03/14/2019 10:51

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2019 13:15

Lab File ID: F78387.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
Chlorobromomethane	Ave	0.3336	0.3476		20.8	20.0	4.2	20.0
Methacrylonitrile	Ave	0.2086	0.1997		191	200	-4.3	20.0
Tetrahydrofuran	Ave	0.7450	0.7541		40.5	40.0	1.2	20.0
Chloroform	Ave	1.022	1.098	0.2000	21.5	20.0	7.5	20.0
Cyclohexane	Ave	0.9596	1.019	0.1000	21.2	20.0	6.2	50.0
1,1,1-Trichloroethane	Ave	0.9531	0.996	0.1000	20.9	20.0	4.5	20.0
Carbon tetrachloride	Ave	0.7883	0.7907	0.1000	20.1	20.0	0.3	20.0
1,1-Dichloropropene	Ave	0.7967	0.8023		20.1	20.0	0.7	20.0
Isobutyl alcohol	Ave	1.686	1.658		492	500	-1.7	50.0
Benzene	Ave	3.487	3.251	0.5000	18.6	20.0	-6.8	20.0
Isopropyl acetate	Ave	1.698	1.662		19.6	20.0	-2.1	20.0
Tert-amyl methyl ether	Ave	2.002	2.094		20.9	20.0	4.6	20.0
1,2-Dichloroethane	Ave	0.7279	0.7180	0.1000	19.7	20.0	-1.4	20.0
n-Heptane	Ave	0.4717	0.4599		19.5	20.0	-2.5	20.0
n-Butanol	Ave	0.5102	0.3435		337	500	-32.7	50.0
Trichloroethene	Ave	0.5770	0.5536	0.2000	19.2	20.0	-4.1	20.0
Ethyl acrylate	Ave	1.392	1.325		19.0	20.0	-4.8	20.0
Methylcyclohexane	Ave	1.121	1.149	0.1000	20.5	20.0	2.6	50.0
1,2-Dichloropropane	Ave	0.5827	0.5768	0.1000	19.8	20.0	-1.0	20.0
Methyl methacrylate	Ave	0.1335	0.1219		36.5	40.0	-8.7	20.0
1,4-Dioxane	Ave	1.744	2.528		580	400	45.0	50.0
n-Propyl acetate	Lin2		0.5786		18.6	20.0	-6.8	20.0
Dibromomethane	Ave	0.3527	0.3325		18.9	20.0	-5.7	20.0
Dichlorobromomethane	Ave	0.7543	0.7109	0.2000	18.8	20.0	-5.8	20.0
2-Chloroethyl vinyl ether	Ave	0.2905	0.2469		17.0	20.0	-15.0	20.0
2-Nitropropane	Lin2		0.0925		27.9	40.0	-30.2*	20.0
Epichlorohydrin	Ave	0.5025	0.4849		386	400	-3.5	20.0
cis-1,3-Dichloropropene	Ave	1.182	1.028	0.2000	17.4	20.0	-13.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	5.219	5.562	0.0500	107	100	6.6	50.0
Toluene	Ave	3.438	3.258	0.4000	19.0	20.0	-5.2	20.0
trans-1,3-Dichloropropene	Ave	0.9851	0.8711	0.1000	17.7	20.0	-11.6	50.0
Ethyl methacrylate	Ave	0.9841	0.8030		16.3	20.0	-18.4	20.0
1,1,2-Trichloroethane	Ave	0.5124	0.5080	0.1000	19.8	20.0	-0.9	20.0
Tetrachloroethene	Ave	0.8085	0.7951	0.2000	19.7	20.0	-1.7	20.0
1,3-Dichloropropane	Ave	1.056	0.9771		18.5	20.0	-7.4	20.0
2-Hexanone	Ave	2.856	2.847	0.0500	99.7	100	-0.3	50.0
n-Butyl acetate	Ave	1.026	0.9602		18.7	20.0	-6.4	20.0
Chlorodibromomethane	Ave	0.7376	0.6291	0.1000	17.1	20.0	-14.7	50.0
Ethylene Dibromide	Ave	0.5961	0.5577	0.1000	18.7	20.0	-6.4	20.0
Chlorobenzene	Ave	2.093	2.013	0.5000	19.2	20.0	-3.8	20.0
Ethylbenzene	Ave	1.273	1.187	0.1000	18.7	20.0	-6.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Lab Sample ID: CCVIS 460-598754/3 Calibration Date: 03/28/2019 20:37

Instrument ID: CVOAMS6 Calib Start Date: 03/14/2019 10:51

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2019 13:15

Lab File ID: F78387.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
1,1,1,2-Tetrachloroethane	Ave	0.8799	0.8023		18.2	20.0	-8.8	20.0
m-Xylene & p-Xylene	Ave	1.551	1.478	0.1000	19.1	20.0	-4.7	20.0
n-Butyl acrylate	Ave	0.6384	0.5338		16.7	20.0	-16.4	20.0
o-Xylene	Ave	1.620	1.551	0.3000	19.1	20.0	-4.3	20.0
Styrene	Ave	2.477	2.353	0.3000	19.0	20.0	-5.0	20.0
Amyl acetate (mixed isomers)	Ave	2.308	2.027		17.6	20.0	-12.2	20.0
Bromoform	Ave	0.4869	0.3987	0.1000	16.4	20.0	-18.1	20.0
Isopropylbenzene	Ave	4.191	4.196	0.1000	20.0	20.0	0.1	20.0
Bromobenzene	Ave	1.621	1.558		19.2	20.0	-3.9	20.0
1,1,2,2-Tetrachloroethane	Ave	1.505	1.499	0.3000	19.9	20.0	-0.4	20.0
N-Propylbenzene	Ave	8.184	8.156		19.9	20.0	-0.4	20.0
1,2,3-Trichloropropane	Ave	0.4729	0.4492		19.0	20.0	-5.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3643	0.3180		17.5	20.0	-12.7	20.0
2-Chlorotoluene	Ave	5.698	5.675		19.9	20.0	-0.4	20.0
4-Ethyltoluene	Ave	7.031	6.839		19.5	20.0	-2.7	20.0
1,3,5-Trimethylbenzene	Ave	6.162	5.972		19.4	20.0	-3.1	20.0
4-Chlorotoluene	Ave	4.877	4.842		19.9	20.0	-0.7	20.0
Butyl Methacrylate	Ave	2.197	1.812		16.5	20.0	-17.5	20.0
tert-Butylbenzene	Ave	4.850	4.468		18.4	20.0	-7.9	20.0
1,2,4-Trimethylbenzene	Ave	6.320	6.252		19.8	20.0	-1.1	20.0
sec-Butylbenzene	Ave	7.693	7.616		19.8	20.0	-1.0	20.0
4-Isopropyltoluene	Ave	6.875	6.574		19.1	20.0	-4.4	20.0
1,3-Dichlorobenzene	Ave	3.321	3.329	0.6000	20.0	20.0	0.2	20.0
1,4-Dichlorobenzene	Ave	3.434	3.441	0.5000	20.0	20.0	0.2	20.0
1,2,3-Trimethylbenzene	Ave	6.770	6.549		19.3	20.0	-3.3	20.0
Benzyl chloride	Lin2		2.771		15.8	20.0	-21.2	50.0
Indan	Ave	6.706	6.681		19.9	20.0	-0.4	20.0
p-Diethylbenzene	Ave	3.834	3.851		20.1	20.0	0.4	20.0
n-Butylbenzene	Ave	3.636	3.695		20.3	20.0	1.6	20.0
1,2-Dichlorobenzene	Ave	3.344	3.414	0.4000	20.4	20.0	2.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	6.718	6.431		19.1	20.0	-4.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3413	0.3125	0.0500	18.3	20.0	-8.4	50.0
1,3,5-Trichlorobenzene	Ave	2.766	2.803		20.3	20.0	1.4	20.0
1,2,4-Trichlorobenzene	Ave	2.632	2.623	0.2000	19.9	20.0	-0.3	20.0
Hexachlorobutadiene	Ave	1.043	1.061		20.3	20.0	1.7	20.0
Naphthalene	Ave	6.207	5.871		18.9	20.0	-5.4	50.0
1,2,3-Trichlorobenzene	Ave	2.440	2.408		19.7	20.0	-1.3	20.0
Dibromofluoromethane (Surr)	Ave	0.3032	0.3261		53.8	50.0	7.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3190	0.3280		51.4	50.0	2.8	20.0
Toluene-d8 (Surr)	Ave	1.569	1.522		48.5	50.0	-3.0	20.0
4-Bromofluorobenzene	Ave	0.4894	0.4709		48.1	50.0	-3.8	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78387.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 28-Mar-2019 20:37:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0088627-003
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub54

Method: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 29-Mar-2019 10:58:27 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: delpolitov Date: 29-Mar-2019 10:58:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.558	1.558	0.000	99	42170	20.0	13.3	
3 Chloromethane	50	1.722	1.722	0.000	99	59302	20.0	18.5	
5 Butadiene	54	1.804	1.804	0.000	98	46678	20.0	17.8	
4 Vinyl chloride	62	1.812	1.812	0.000	98	58914	20.0	18.5	
6 Bromomethane	94	2.075	2.075	0.000	98	44471	20.0	20.8	
7 Chloroethane	64	2.133	2.133	0.000	98	39070	20.0	20.2	
8 Dichlorofluoromethane	67	2.314	2.314	0.000	98	100755	20.0	21.3	
9 Trichlorofluoromethane	101	2.322	2.322	0.000	87	68878	20.0	20.5	
10 Pentane	72	2.330	2.330	0.000	96	20083	40.0	47.4	
12 Ethyl ether	59	2.519	2.519	0.000	94	32979	20.0	20.4	
13 2-Methyl-1,3-butadiene	53	2.535	2.535	0.000	98	38049	20.0	21.5	
11 Ethanol	46	2.560	2.560	0.000	70	4863	800.0	1457.5	
15 Acrolein	56	2.700	2.700	0.000	46	9207	40.0	33.1	
16 1,1,2-Trichloro-1,2,2-trif	101	2.700	2.700	0.000	94	42953	20.0	21.7	
17 1,1-Dichloroethene	96	2.724	2.724	0.000	97	42618	20.0	22.0	
18 Acetone	43	2.815	2.815	0.000	85	56491	100.0	101.1	
19 Iodomethane	142	2.880	2.880	0.000	98	76458	20.0	21.5	
21 Carbon disulfide	76	2.913	2.913	0.000	100	158991	20.0	22.5	
20 Isopropyl alcohol	45	2.930	2.930	0.000	26	18514	200.0	200.1	
22 3-Chloro-1-propene	41	3.028	3.028	0.000	89	86549	20.0	21.5	a
24 Methyl acetate	43	3.045	3.045	0.000	55	53167	40.0	37.6	
23 Cyclopentene	67	3.053	3.053	0.000	93	109730	20.0	21.7	a
25 Acetonitrile	41	3.119	3.119	0.000	19	47717	200.0	212.7	a
27 Methylene Chloride	84	3.160	3.160	0.000	92	52202	20.0	23.6	
* 26 TBA-d9 (IS)	65	3.168	3.168	0.000	0	74602	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.226	3.226	0.000	54	36484	200.0	191.9	
29 Methyl tert-butyl ether	73	3.308	3.308	0.000	97	110621	20.0	21.3	
30 trans-1,2-Dichloroethene	96	3.341	3.341	0.000	94	48015	20.0	22.5	
31 Acrylonitrile	53	3.415	3.415	0.000	96	150301	200.0	219.7	
32 Hexane	43	3.480	3.480	0.000	92	36165	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
33 Isopropyl ether	45	3.686	3.686	0.000	94	148516	20.0	21.9	
34 1,1-Dichloroethane	63	3.719	3.719	0.000	99	84199	20.0	22.2	
35 Vinyl acetate	86	3.735	3.735	0.000	98	13571	40.0	35.5	
36 2-Chloro-1,3-butadiene	88	3.760	3.760	0.000	92	40163	20.0	21.1	
37 Tert-butyl ethyl ether	59	3.990	3.990	0.000	90	129522	20.0	21.4	
* 38 2-Butanone-d5	46	4.187	4.187	0.000	0	77773	250.0	250.0	
39 2,2-Dichloropropane	97	4.212	4.212	0.000	95	15794	20.0	20.1	
40 cis-1,2-Dichloroethene	96	4.236	4.236	0.000	94	51765	20.0	21.5	
41 2-Butanone (MEK)	72	4.244	4.244	0.000	97	18908	100.0	89.8	
42 Ethyl acetate	70	4.244	4.244	0.000	84	7036	40.0	37.4	
43 Methyl acrylate	55	4.294	4.294	0.000	28	24868	20.0	16.4	a
44 Propionitrile	54	4.376	4.376	0.000	98	49393	200.0	203.5	a
45 Chlorobromomethane	128	4.458	4.458	0.000	92	24492	20.0	20.8	
46 Tetrahydrofuran	72	4.466	4.466	0.000	55	9384	40.0	40.5	
47 Methacrylonitrile	67	4.466	4.466	0.000	93	140677	200.0	191.4	
48 Chloroform	83	4.507	4.507	0.000	98	77381	20.0	21.5	
49 Cyclohexane	84	4.639	4.639	0.000	93	71780	20.0	21.2	
50 1,1,1-Trichloroethane	97	4.647	4.647	0.000	99	70148	20.0	20.9	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	96	57444	50.0	53.8	
52 Carbon tetrachloride	117	4.770	4.770	0.000	97	55710	20.0	20.1	
53 1,1-Dichloropropene	75	4.795	4.795	0.000	95	56522	20.0	20.1	
54 Isobutyl alcohol	43	4.943	4.943	0.000	39	61836	500.0	491.6	a
55 Benzene	78	4.984	4.984	0.000	98	172572	20.0	18.6	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.000	5.000	0.000	0	57774	50.0	51.4	
57 Isopropyl acetate	43	5.033	5.033	0.000	80	117124	20.0	19.6	a
58 Tert-amyl methyl ether	73	5.042	5.042	0.000	85	147501	20.0	20.9	a
59 1,2-Dichloroethane	62	5.074	5.074	0.000	97	50586	20.0	19.7	
60 n-Heptane	57	5.132	5.132	0.000	89	32404	20.0	19.5	
* 61 Fluorobenzene	96	5.272	5.272	0.000	99	176135	50.0	50.0	
62 n-Butanol	56	5.600	5.600	0.000	89	12813	500.0	336.7	
63 Trichloroethene	95	5.617	5.617	0.000	97	39000	20.0	19.2	
65 Ethyl acrylate	55	5.740	5.740	0.000	94	93366	20.0	19.0	
64 Methylcyclohexane	83	5.740	5.740	0.000	92	80977	20.0	20.5	
66 1,2-Dichloropropane	63	5.904	5.904	0.000	89	40640	20.0	19.8	
68 Methyl methacrylate	100	5.970	5.970	0.000	86	17179	40.0	36.5	
* 67 1,4-Dioxane-d8	96	5.978	5.978	0.000	0	6798	1000.0	1000.0	
70 n-Propyl acetate	43	6.028	6.028	0.000	98	40767	20.0	18.6	
69 1,4-Dioxane	88	6.028	6.028	0.000	28	6875	400.0	579.9	
71 Dibromomethane	93	6.044	6.044	0.000	91	23425	20.0	18.9	
72 Dichlorobromomethane	83	6.184	6.184	0.000	99	50087	20.0	18.8	
73 2-Nitropropane	41	6.512	6.512	0.000	80	13037	40.0	27.9	
74 2-Chloroethyl vinyl ether	63	6.512	6.512	0.000	72	17396	20.0	17.0	
75 Epichlorohydrin	57	6.627	6.627	0.000	99	60343	400.0	386.0	
76 cis-1,3-Dichloropropene	75	6.677	6.677	0.000	93	54577	20.0	17.4	
77 4-Methyl-2-pentanone (MIBK	43	6.833	6.833	0.000	98	173044	100.0	106.6	
$ 78 Toluene-d8 (Surr)	98	6.915	6.915	0.000	99	201990	50.0	48.5	
79 Toluene	91	6.997	6.997	0.000	93	172945	20.0	19.0	
80 trans-1,3-Dichloropropene	75	7.350	7.350	0.000	98	46244	20.0	17.7	
81 Ethyl methacrylate	69	7.375	7.375	0.000	90	42625	20.0	16.3	
82 1,1,2-Trichloroethane	83	7.564	7.564	0.000	93	26964	20.0	19.8	
83 Tetrachloroethene	166	7.605	7.605	0.000	96	42208	20.0	19.7	
84 1,3-Dichloropropane	76	7.770	7.770	0.000	93	51870	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Hexanone	43	7.827	7.827	0.000	96	88575	100.0	99.7	
86 n-Butyl acetate	43	7.942	7.942	0.000	98	50970	20.0	18.7	
87 Chlorodibromomethane	129	8.008	8.008	0.000	97	33394	20.0	17.1	
88 Ethylene Dibromide	107	8.164	8.164	0.000	98	29606	20.0	18.7	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	86	132711	50.0	50.0	
90 Chlorobenzene	112	8.739	8.739	0.000	95	106878	20.0	19.2	
91 Ethylbenzene	106	8.838	8.838	0.000	98	63012	20.0	18.7	
92 1,1,1,2-Tetrachloroethane	131	8.862	8.862	0.000	94	42589	20.0	18.2	
93 m-Xylene & p-Xylene	106	8.994	8.994	0.000	0	78449	20.0	19.1	
94 n-Butyl acrylate	73	9.446	9.446	0.000	97	28337	20.0	16.7	
95 o-Xylene	106	9.454	9.454	0.000	94	82333	20.0	19.1	
96 Styrene	104	9.487	9.487	0.000	96	124893	20.0	19.0	
97 Amyl acetate (mixed isomer	43	9.668	9.668	0.000	91	64560	20.0	17.6	
98 Bromoform	173	9.701	9.701	0.000	97	21162	20.0	16.4	
99 Isopropylbenzene	105	9.799	9.799	0.000	95	222766	20.0	20.0	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	90	62492	50.0	48.1	
101 Bromobenzene	156	10.111	10.111	0.000	96	49615	20.0	19.2	
102 1,1,2,2-Tetrachloroethane	83	10.144	10.144	0.000	98	47728	20.0	19.9	
103 N-Propylbenzene	91	10.161	10.161	0.000	99	259744	20.0	19.9	
104 1,2,3-Trichloropropane	110	10.185	10.185	0.000	95	14305	20.0	19.0	
105 trans-1,4-Dichloro-2-buten	53	10.202	10.202	0.000	81	10128	20.0	17.5	
106 2-Chlorotoluene	91	10.259	10.259	0.000	91	180731	20.0	19.9	
107 4-Ethyltoluene	105	10.259	10.259	0.000	88	217810	20.0	19.5	
108 1,3,5-Trimethylbenzene	105	10.309	10.309	0.000	94	190209	20.0	19.4	
109 4-Chlorotoluene	91	10.350	10.350	0.000	97	154210	20.0	19.9	
110 Butyl Methacrylate	87	10.391	10.391	0.000	92	57709	20.0	16.5	
111 tert-Butylbenzene	119	10.547	10.547	0.000	94	142290	20.0	18.4	
112 1,2,4-Trimethylbenzene	105	10.596	10.596	0.000	97	199119	20.0	19.8	
113 sec-Butylbenzene	105	10.711	10.711	0.000	99	242568	20.0	19.8	
114 4-Isopropyltoluene	119	10.810	10.810	0.000	98	209377	20.0	19.1	
115 1,3-Dichlorobenzene	146	10.818	10.818	0.000	96	106012	20.0	20.0	
* 116 1,4-Dichlorobenzene-d4	152	10.867	10.867	0.000	93	79621	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.884	10.884	0.000	94	109596	20.0	20.0	
132 1,2,3-Trimethylbenzene	105	10.892	10.892	0.000	98	208561	20.0	19.3	
118 Benzyl chloride	91	10.991	10.991	0.000	99	88242	20.0	15.8	
119 2,3-Dihydroindene	117	11.032	11.032	0.000	94	212783	20.0	19.9	
120 p-Diethylbenzene	119	11.065	11.065	0.000	93	122656	20.0	20.1	
121 n-Butylbenzene	92	11.081	11.081	0.000	96	117673	20.0	20.3	
122 1,2-Dichlorobenzene	146	11.138	11.138	0.000	96	108723	20.0	20.4	
123 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	97	204818	20.0	19.1	
124 1,2-Dibromo-3-Chloropropan	75	11.623	11.623	0.000	94	9951	20.0	18.3	
125 1,3,5-Trichlorobenzene	180	11.705	11.705	0.000	97	89282	20.0	20.3	
126 1,2,4-Trichlorobenzene	180	12.108	12.108	0.000	94	83531	20.0	19.9	
127 Hexachlorobutadiene	225	12.166	12.166	0.000	93	33783	20.0	20.3	
128 Naphthalene	128	12.272	12.272	0.000	99	186995	20.0	18.9	
129 1,2,3-Trichlorobenzene	180	12.437	12.437	0.000	95	76678	20.0	19.7	
S 130 1,2-Dichloroethene, Total	100				0		40.0	44.0	
S 131 Xylenes, Total	100				0		40.0	38.2	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00307	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00095	Amount Added:	20.00	Units: uL	
ACROLEIN W_00088	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00020	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 29-Mar-2019 10:58:29 Chrom Revision: 2.3 24-Mar-2019 20:11:04

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78387.D

Injection Date: 28-Mar-2019 20:37:30 Instrument ID: CVOAMS6 Operator ID:

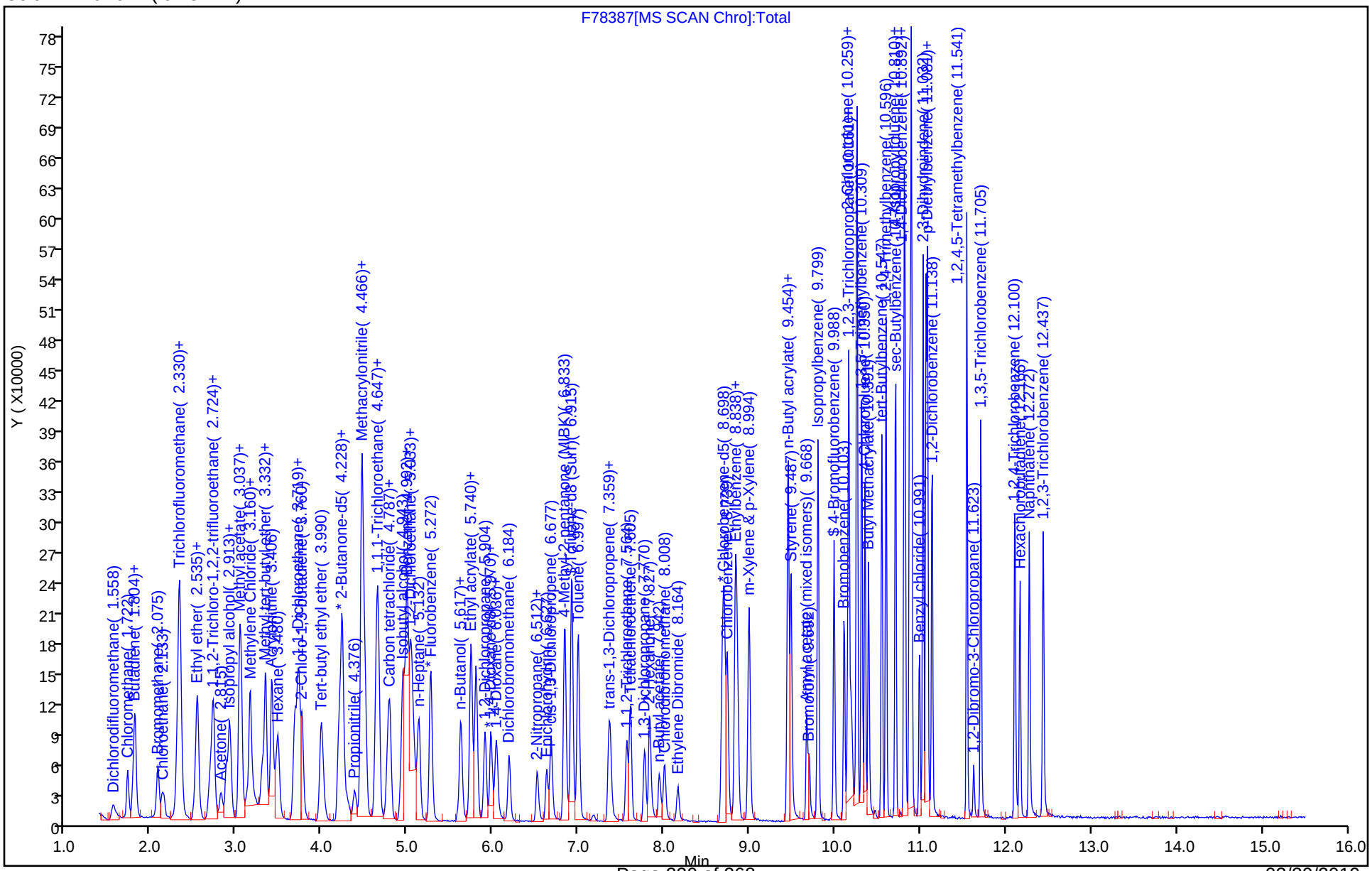
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

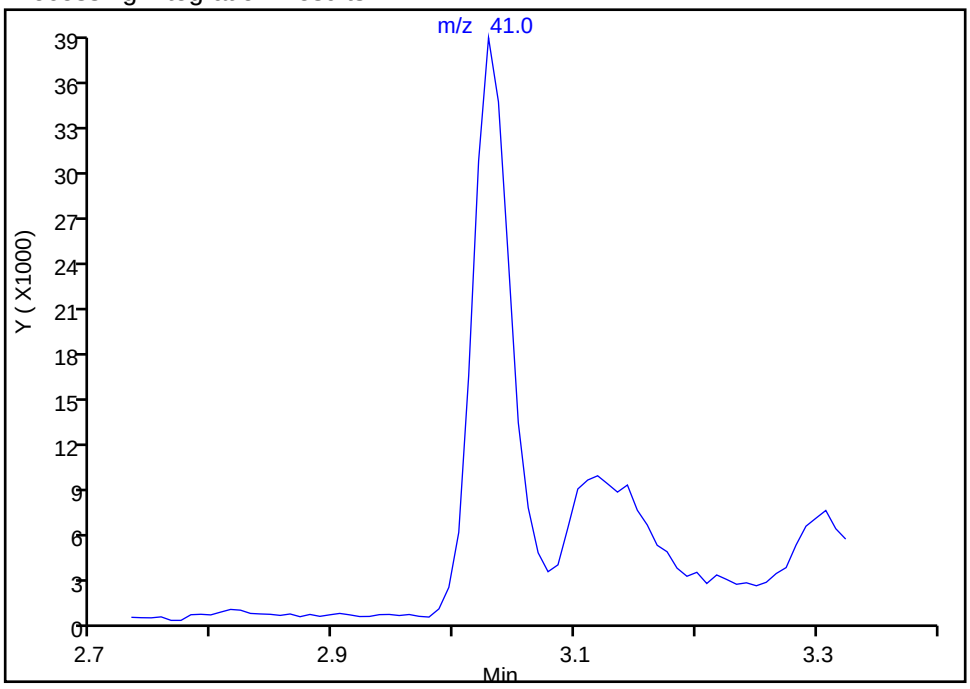
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78387.D
Injection Date: 28-Mar-2019 20:37:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

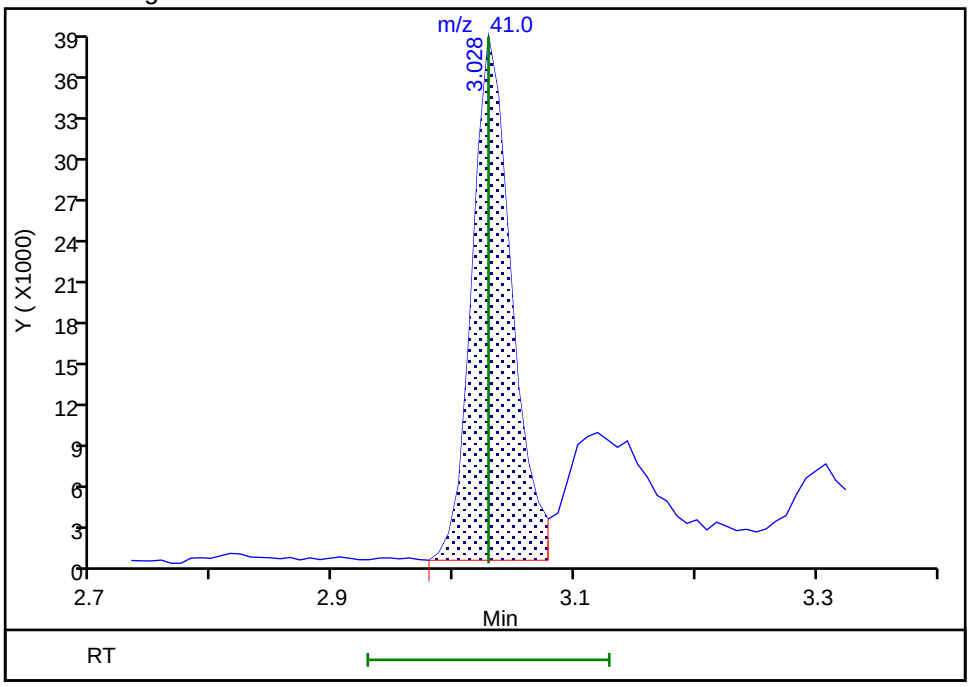
Not Detected
Expected RT: 3.03

Processing Integration Results



Manual Integration Results

RT: 3.03
Area: 86549
Amount: 21.452903
Amount Units: ug/l



Reviewer: parekhv, 28-Mar-2019 22:47:49
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

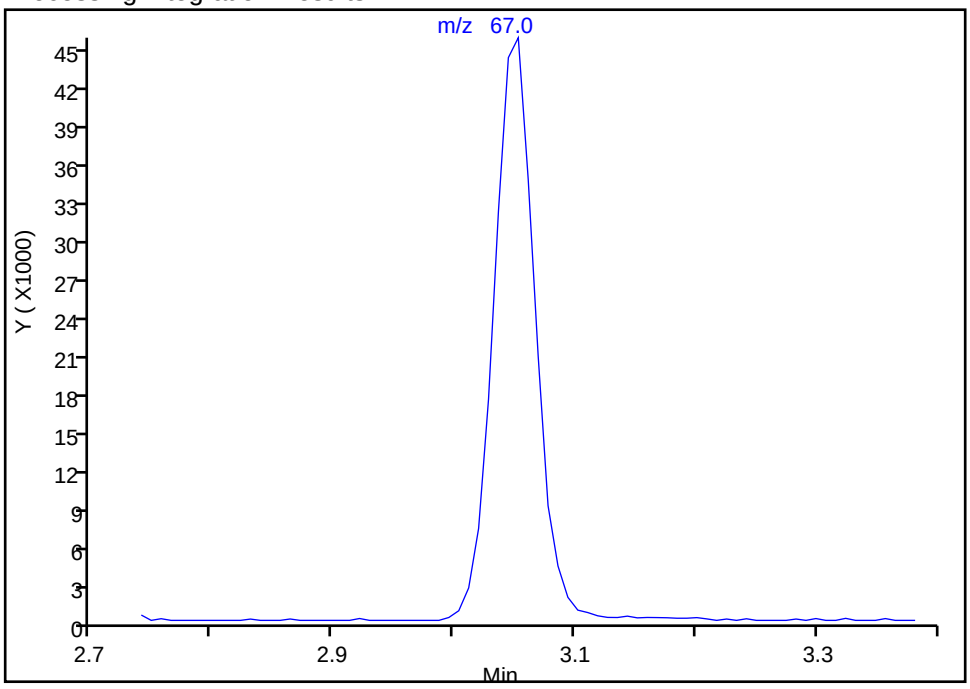
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78387.D
Injection Date: 28-Mar-2019 20:37:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Cyclopentene, CAS: 142-29-0

Signal: 1

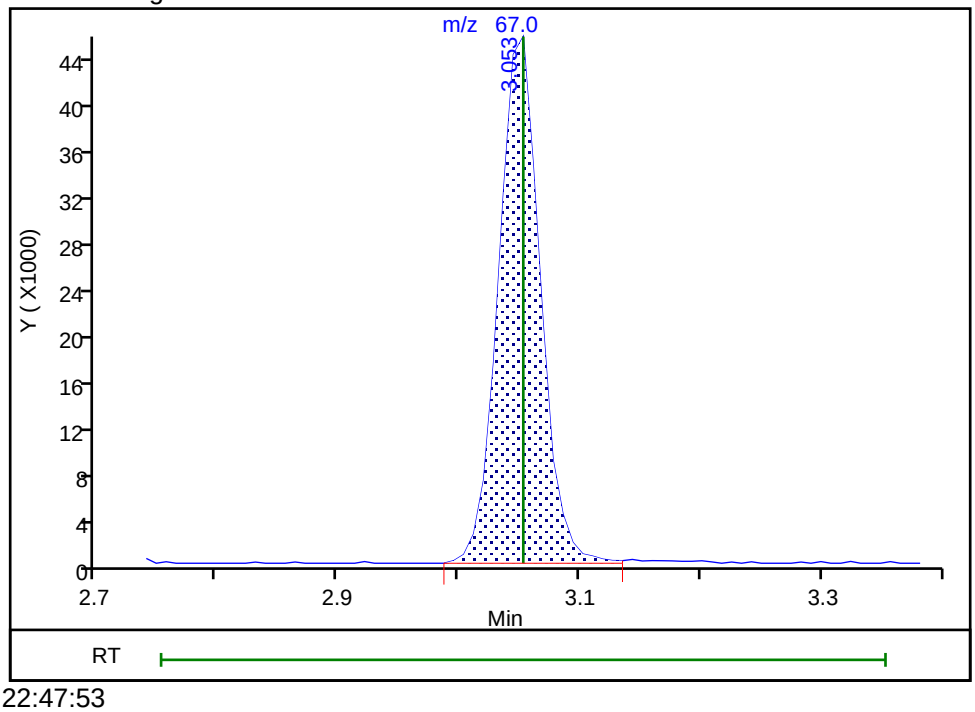
Not Detected
Expected RT: 3.05

Processing Integration Results



Manual Integration Results

RT: 3.05
Area: 109730
Amount: 21.656572
Amount Units: ug/l



Reviewer: parekhv, 28-Mar-2019 22:47:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

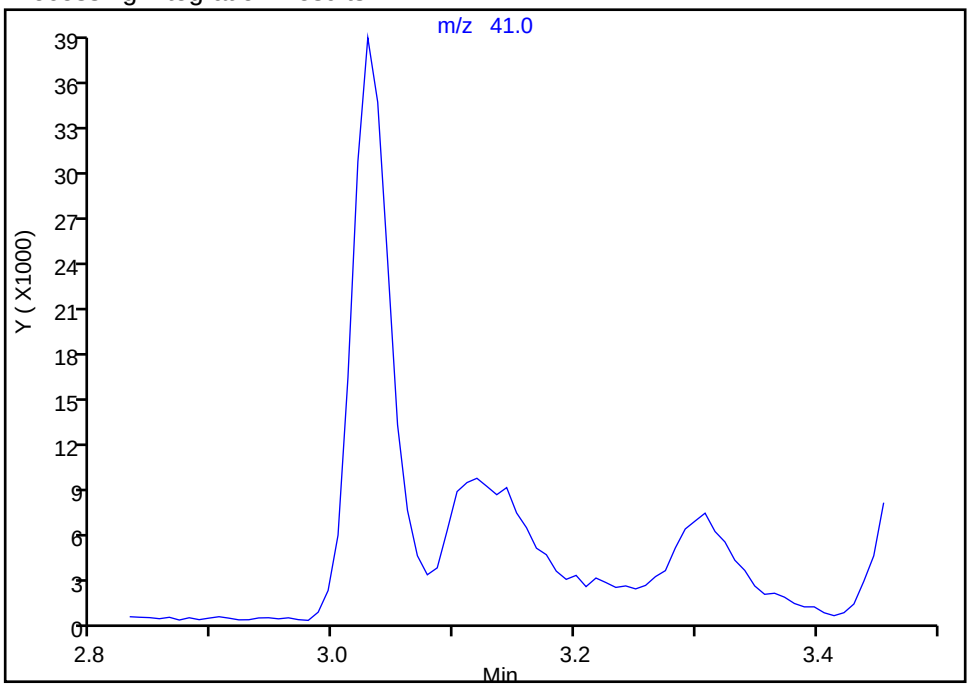
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78387.D
Injection Date: 28-Mar-2019 20:37:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

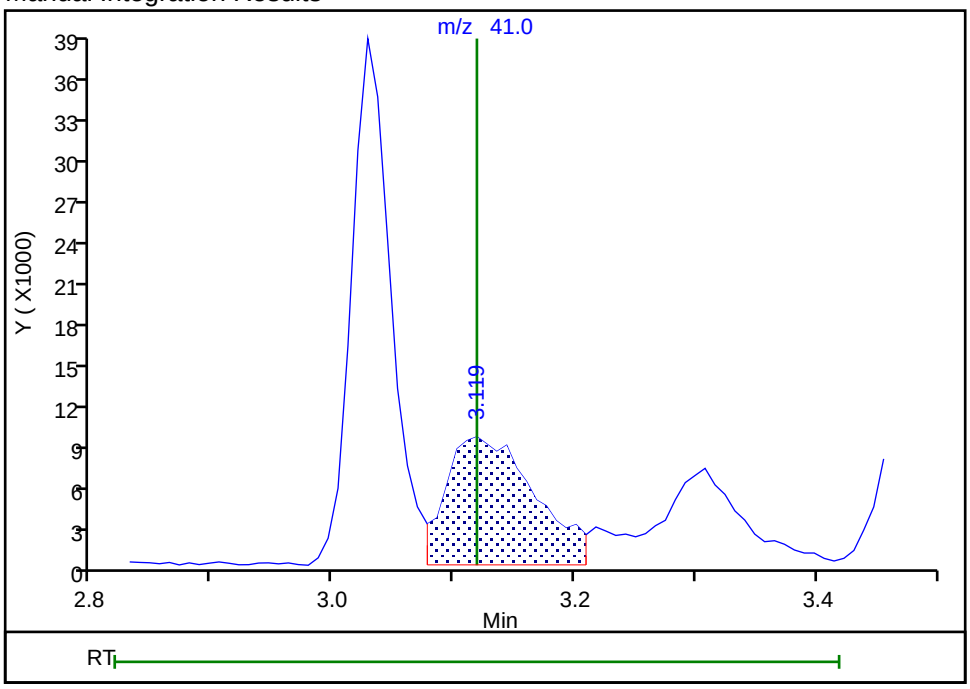
Not Detected
Expected RT: 3.12

Processing Integration Results



Manual Integration Results

RT: 3.12
Area: 47717
Amount: 212.7168
Amount Units: ug/l



Reviewer: parekhv, 28-Mar-2019 22:47:57
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

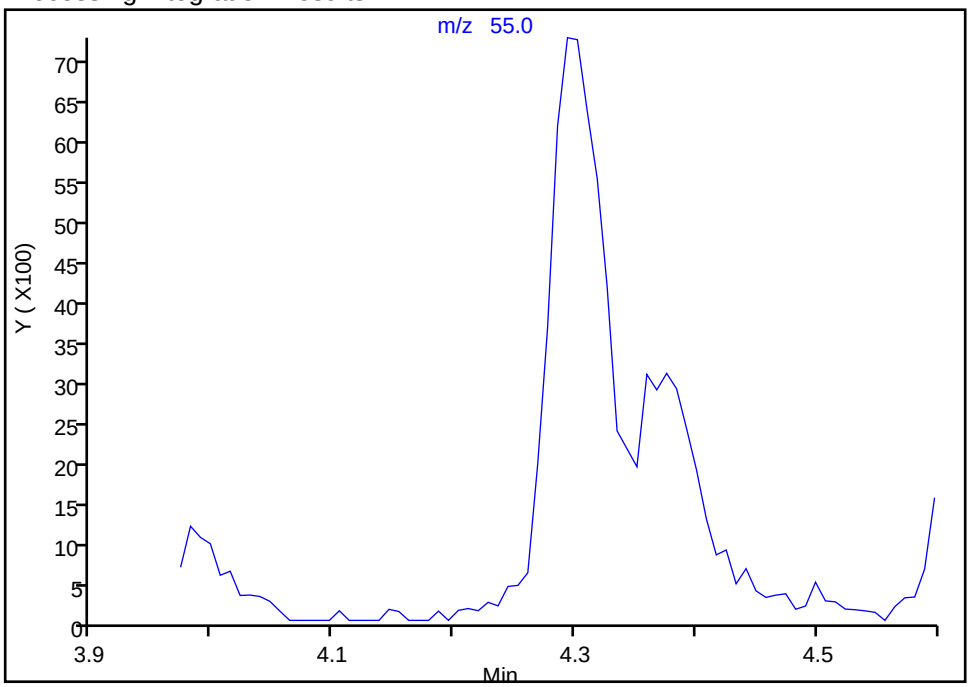
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78387.D
Injection Date: 28-Mar-2019 20:37:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Signal: 1

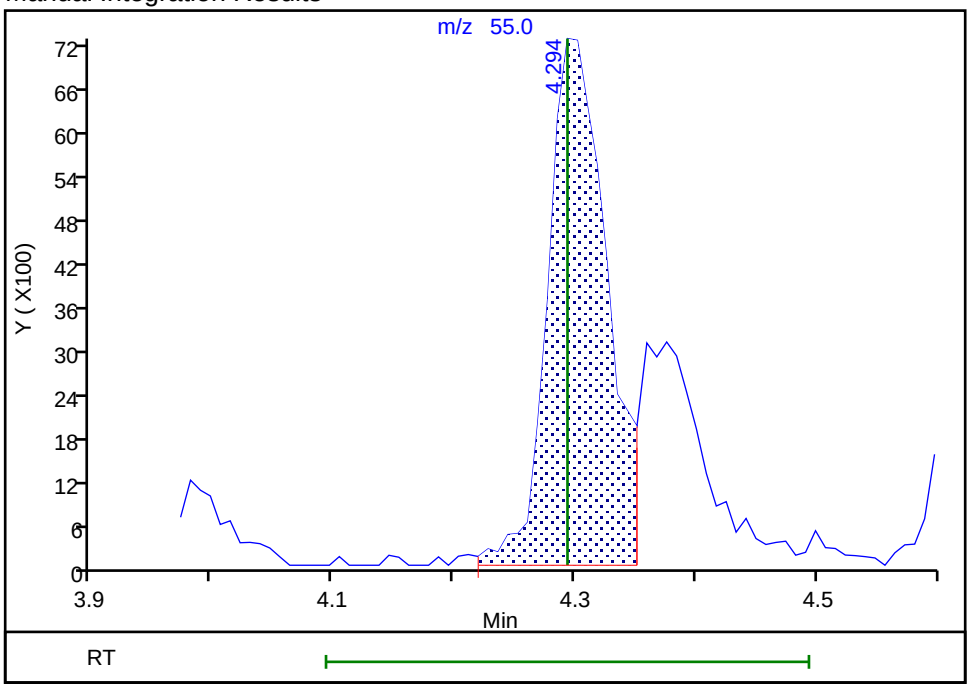
Not Detected
Expected RT: 4.29

Processing Integration Results



Manual Integration Results

RT: 4.29
Area: 24868
Amount: 16.424959
Amount Units: ug/l



Reviewer: parekhv, 28-Mar-2019 22:48:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

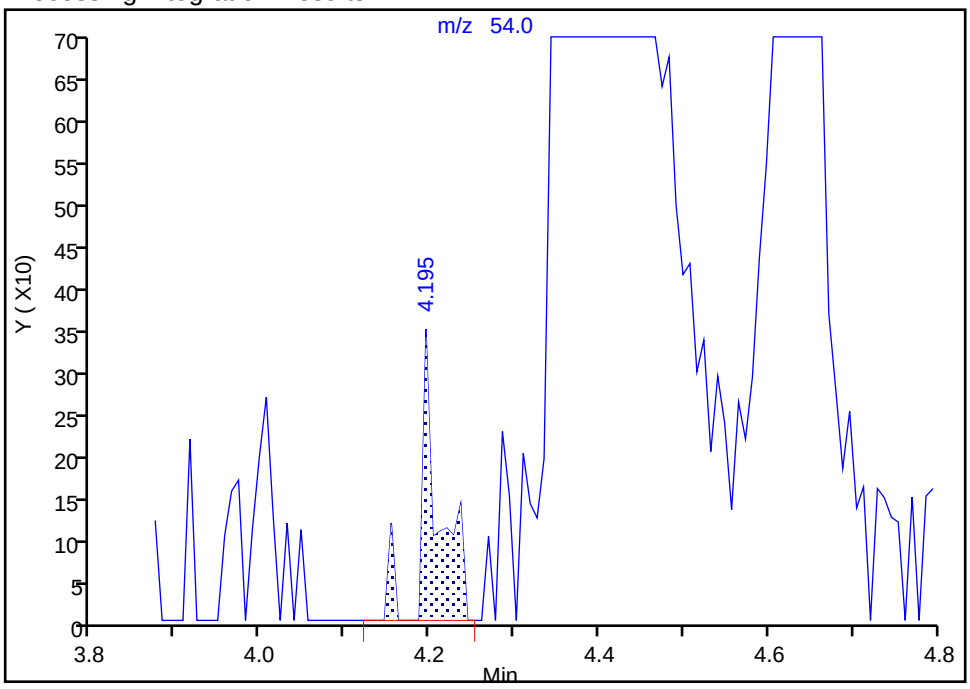
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78387.D
Injection Date: 28-Mar-2019 20:37:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

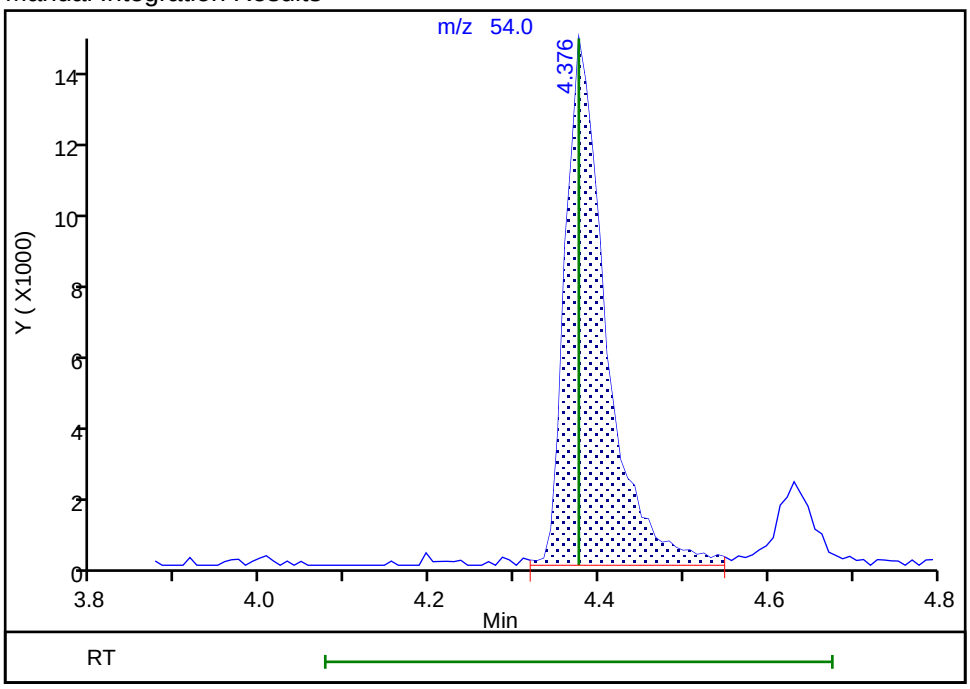
Processing Integration Results

RT: 4.20
Area: 502
Amount: 2.068699
Amount Units: ug/l



Manual Integration Results

RT: 4.38
Area: 49393
Amount: 203.5444
Amount Units: ug/l



Reviewer: parekhv, 28-Mar-2019 22:48:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

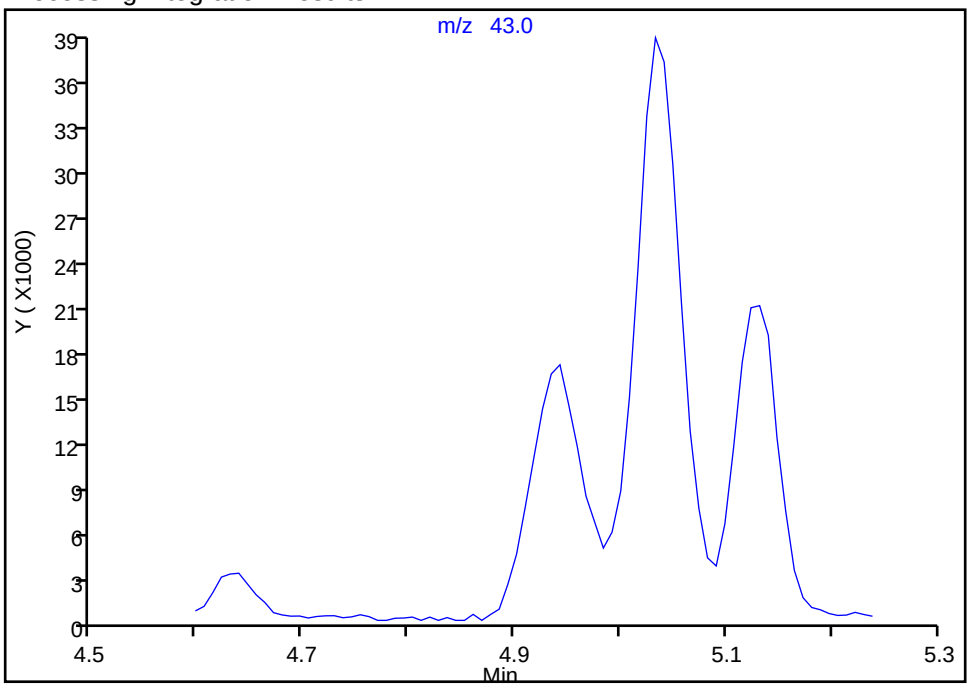
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78387.D
Injection Date: 28-Mar-2019 20:37:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

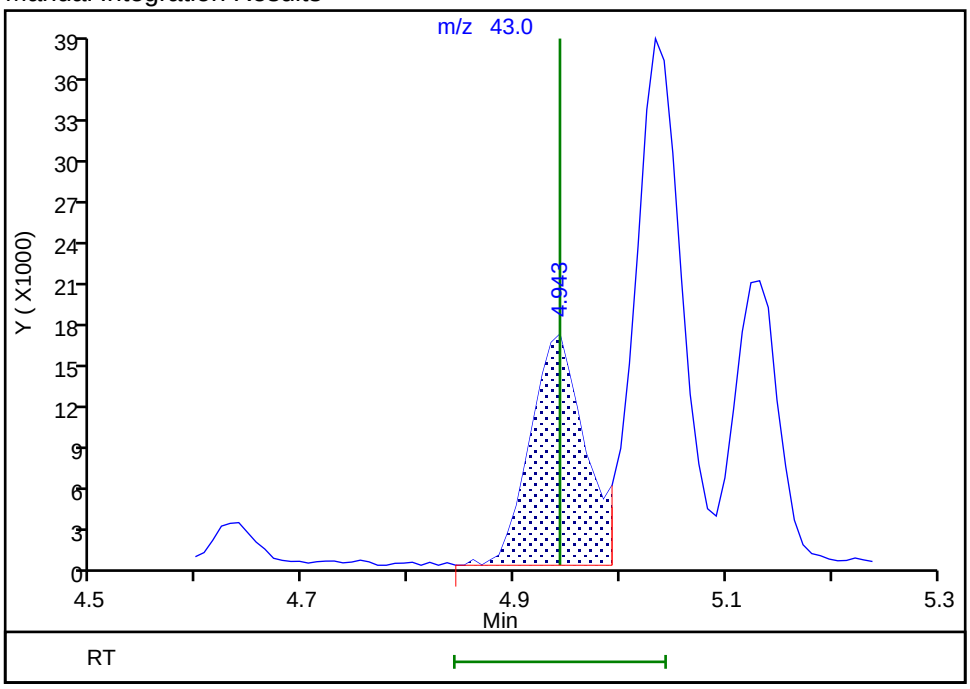
Not Detected
Expected RT: 4.94

Processing Integration Results



Manual Integration Results

RT: 4.94
Area: 61836
Amount: 491.5592
Amount Units: ug/l



Reviewer: parekhv, 28-Mar-2019 22:48:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

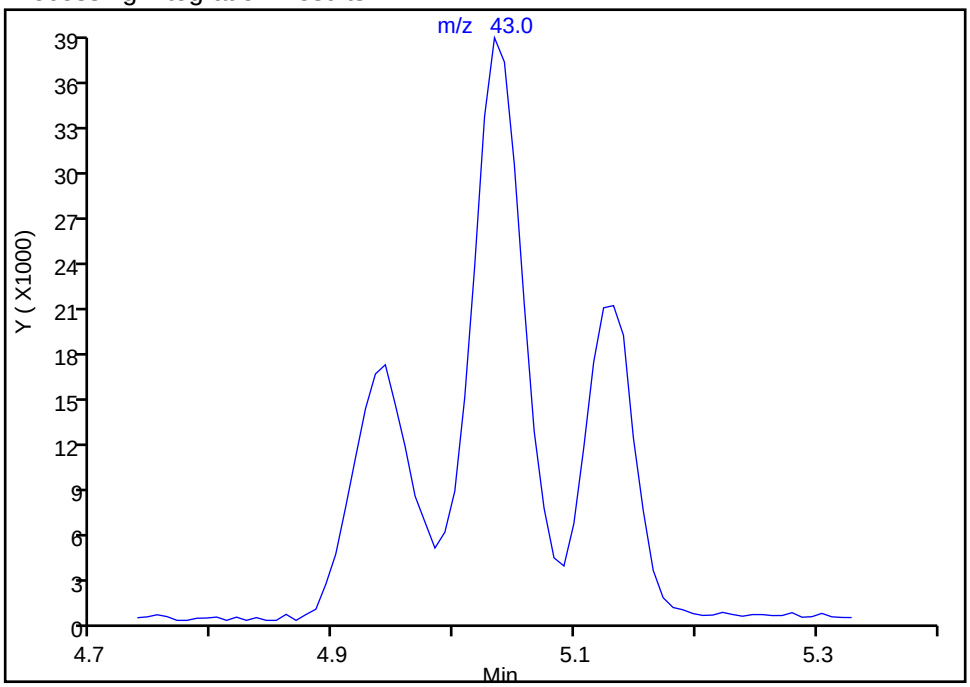
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78387.D
Injection Date: 28-Mar-2019 20:37:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 Isopropyl acetate, CAS: 108-21-4

Signal: 1

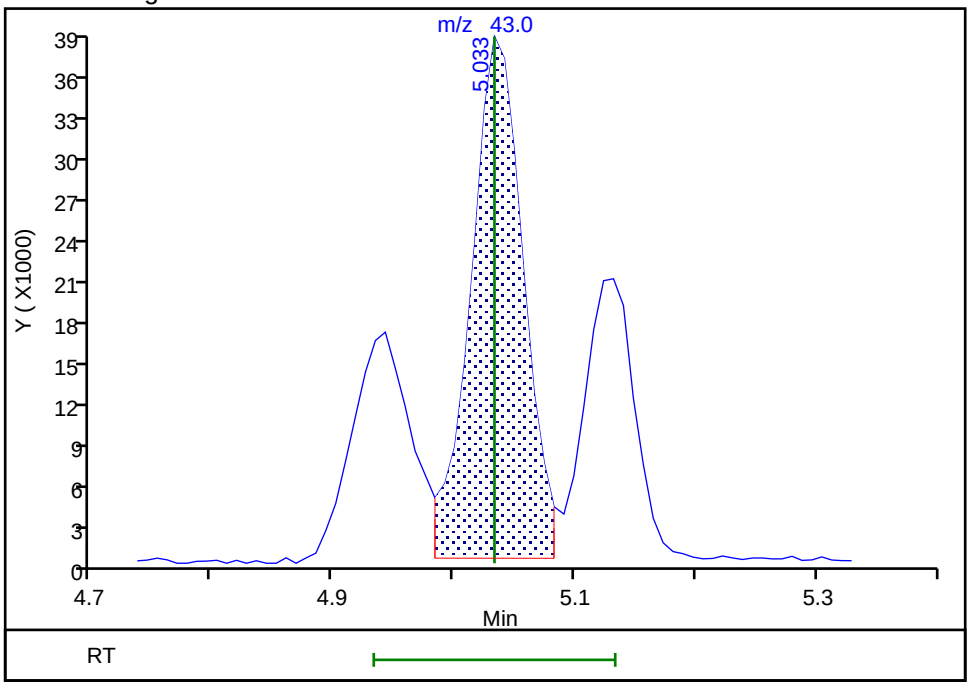
Not Detected
Expected RT: 5.03

Processing Integration Results



Manual Integration Results

RT: 5.03
Area: 117124
Amount: 19.585831
Amount Units: ug/l



Reviewer: parekhv, 28-Mar-2019 22:48:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

TestAmerica Edison

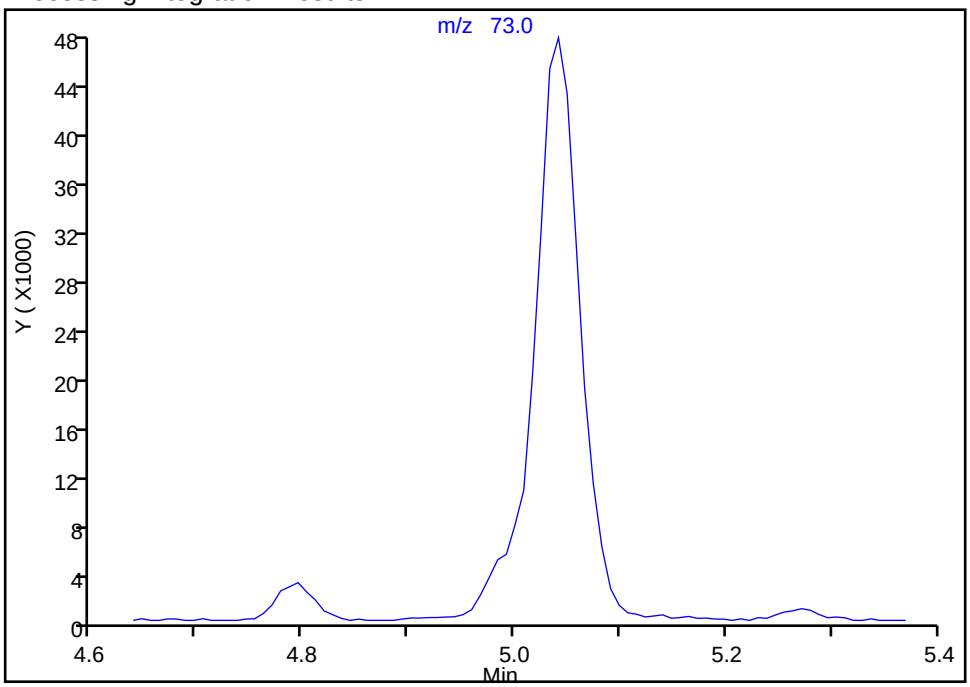
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78387.D
Injection Date: 28-Mar-2019 20:37:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

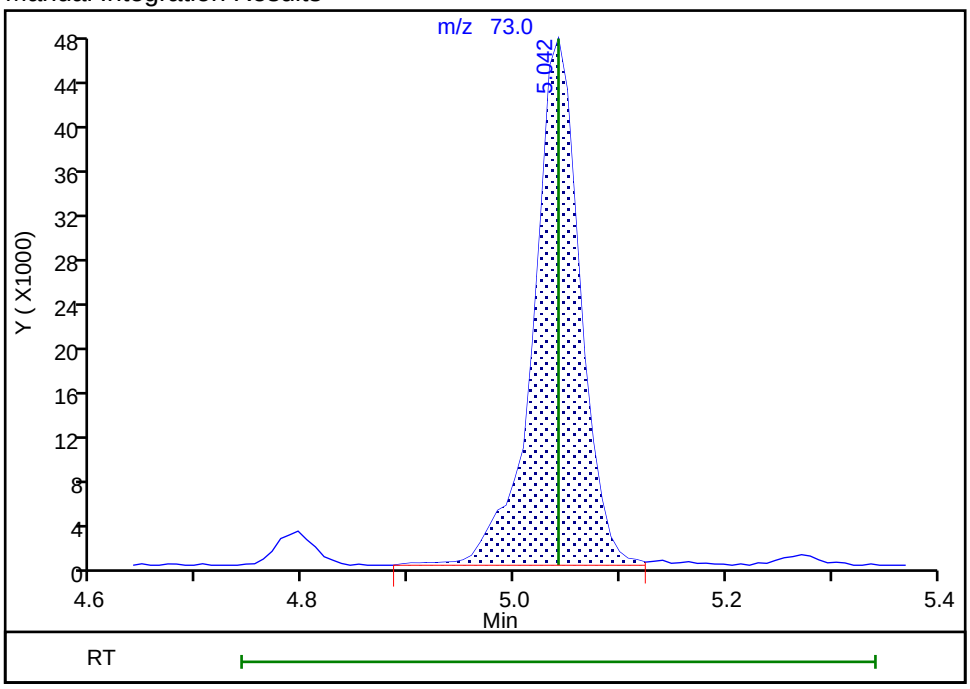
Not Detected
Expected RT: 5.04

Processing Integration Results



Manual Integration Results

RT: 5.04
Area: 147501
Amount: 20.915529
Amount Units: ug/l



Reviewer: parekhv, 28-Mar-2019 22:48:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77659.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 14-Mar-2019 09:03:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0087791-001
Operator ID: Instrument ID: CVOAMS6

Method: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-Mar-2019 15:40:08 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0315

First Level Reviewer: martineze Date: 14-Mar-2019 10:09:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 133 BFB	95	3.359	3.359	0.000	87	57433	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

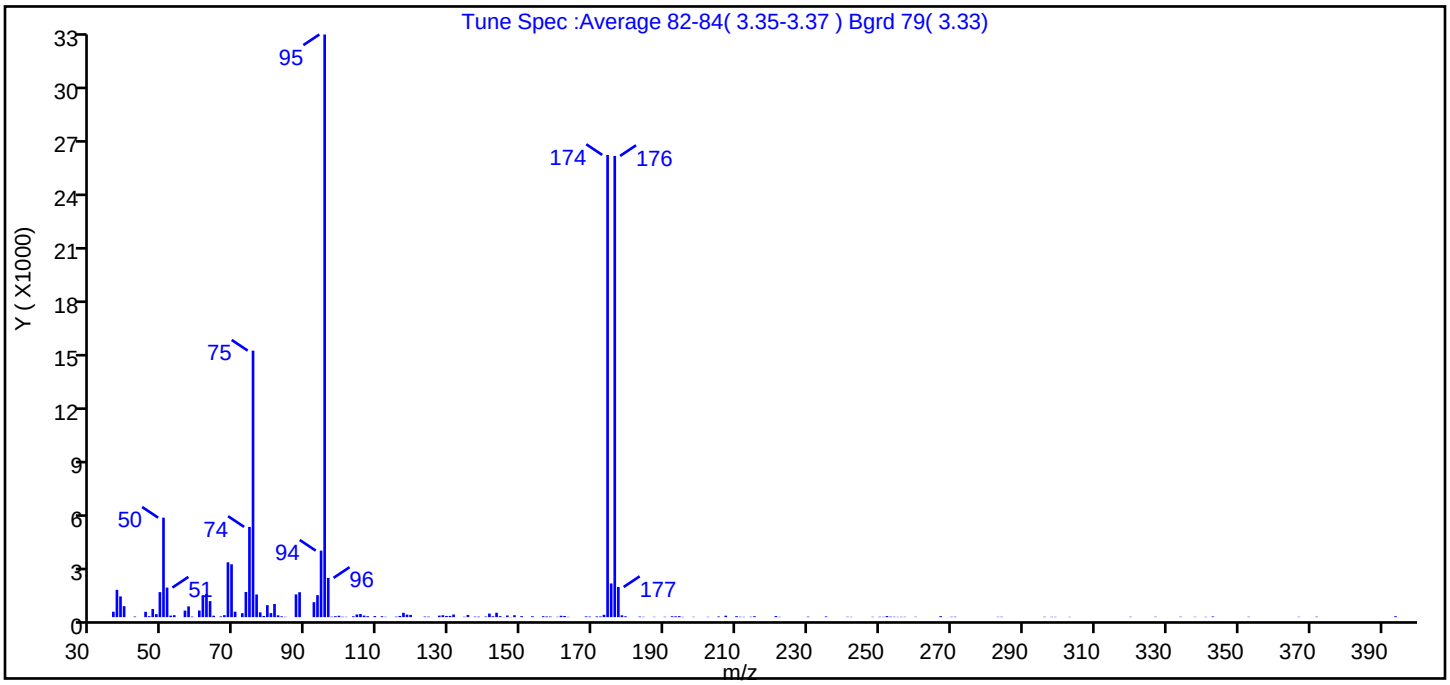
BFB_00020 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77659.D
Injection Date: 14-Mar-2019 09:03:30 Instrument ID: CVOAMS6
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.1
75	30 to 60% of m/z 95	45.7
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.4 (0.5)
174	50 to 120% of m/z 95	79.3
175	5 to 9% of m/z 174	5.8 (7.3)
176	Greater than 95% but less than 101% of m/z 174	79.2 (99.8)
177	5 to 9% of m/z 176	5.2 (6.5)

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77659.D\8260624W6.rslt\spectra.d
Injection Date: 14-Mar-2019 09:03:30
Spectrum: Tune Spec :Average 82-84(3.35-3.37) Bgrd 79(3.33)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 161

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	300	88.00	1383	145.00	9	214.00	21
37.00	1513	92.00	830	146.00	90	215.00	51
38.00	1150	93.00	1221	147.00	9	221.00	60
39.00	610	94.00	3688	148.00	106	222.00	17
42.00	34	95.00	32312	150.00	55	230.00	27
45.00	295	96.00	2178	153.00	48	235.00	40
46.00	53	97.00	27	155.00	3	241.00	20
47.00	454	98.00	51	156.00	52	242.00	17
48.00	164	99.00	77	157.00	38	248.00	19
49.00	1387	100.00	22	158.00	32	250.00	22
50.00	5516	101.00	18	160.00	17	251.00	18
51.00	1639	103.00	46	161.00	76	252.00	60
52.00	84	104.00	148	162.00	63	253.00	25
53.00	109	105.00	176	163.00	17	254.00	21
56.00	363	106.00	85	165.00	3	255.00	16
57.00	598	107.00	53	168.00	42	256.00	19
58.00	30	109.00	60	169.00	30	257.00	19
60.00	366	110.00	1	171.00	39	260.00	20
61.00	1196	111.00	50	172.00	35	267.00	52
62.00	1290	112.00	19	173.00	129	269.00	4
63.00	891	115.00	29	174.00	25632	270.00	20
64.00	79	116.00	66	175.00	1869	271.00	24
66.00	40	117.00	243	176.00	25576	283.00	19
67.00	110	118.00	141	177.00	1672	284.00	21
68.00	3042	119.00	123	178.00	101	296.00	20
69.00	2932	123.00	33	179.00	46	298.00	19
70.00	303	124.00	27	183.00	31	299.00	17
72.00	219	127.00	82	184.00	18	303.00	16
73.00	1396	128.00	107	187.00	18	320.00	21
74.00	5005	129.00	66	190.00	21	327.00	21
75.00	14780	130.00	68	192.00	49	334.00	21
76.00	1256	131.00	145	193.00	45	338.00	19
77.00	267	134.00	21	194.00	55	341.00	17

Report Date: 15-Mar-2019 15:40:09 Chrom Revision: 2.3 11-Feb-2019 16:31:10
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77659.D\8260624W6.rslt\spectra.d
Injection Date: 14-Mar-2019 09:03:30
Spectrum: Tune Spec :Average 82-84(3.35-3.37) Bgrd 79(3.33)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 161

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	64	135.00	123	195.00	17	343.00	36
79.00	665	137.00	28	198.00	18	353.00	21
80.00	225	138.00	26	202.00	18	367.00	19
81.00	729	140.00	34	205.00	37	372.00	24
82.00	100	141.00	198	207.00	80	394.00	49
83.00	44	142.00	48	210.00	52		
84.00	19	143.00	244	211.00	21		
87.00	1262	144.00	55	212.00	18		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78385.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 28-Mar-2019 19:45:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0088627-001
Operator ID: Instrument ID: CVOAMS6

Method: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 29-Mar-2019 00:22:51 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0311

First Level Reviewer: parekhv Date: 28-Mar-2019 20:59:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 133 BFB	95	3.359	3.359	0.000	88	47274	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

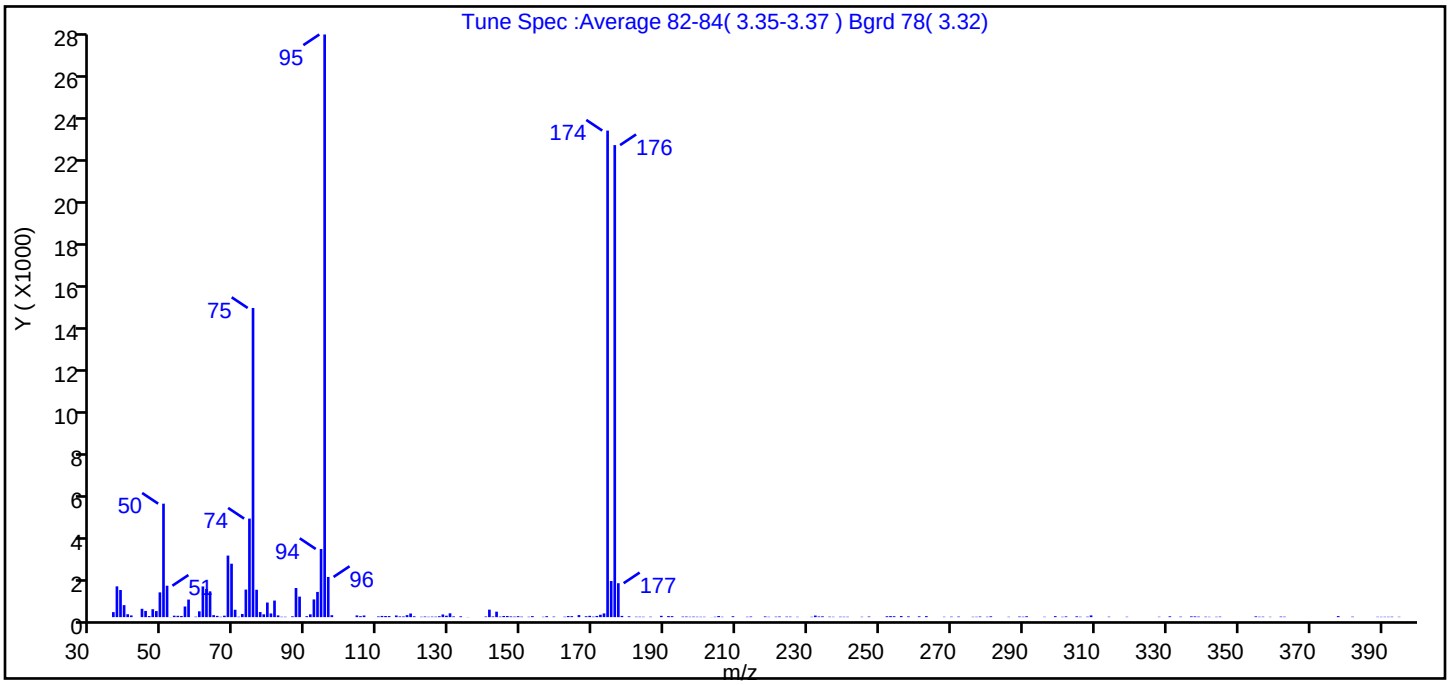
BFB_00020 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78385.D
Injection Date: 28-Mar-2019 19:45:30 Instrument ID: CVOAMS6
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.5
75	30 to 60% of m/z 95	53.1
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.6 (0.8)
174	50 to 120% of m/z 95	83.5
175	5 to 9% of m/z 174	6.2 (7.4)
176	Greater than 95% but less than 101% of m/z 174	81.0 (97.0)
177	5 to 9% of m/z 176	5.8 (7.2)

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78385.D\8260624W6.rslt\spectra.d
Injection Date: 28-Mar-2019 19:45:30
Spectrum: Tune Spec :Average 82-84(3.35-3.37) Bgrd 78(3.32)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 207

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	235	93.00	1182	169.00	62	254.00	42
37.00	1443	94.00	3194	170.00	23	256.00	51
38.00	1272	95.00	27304	171.00	56	258.00	36
39.00	563	96.00	1884	172.00	112	261.00	38
40.00	137	97.00	91	173.00	175	263.00	48
41.00	80	104.00	81	174.00	22800	268.00	17
44.00	391	105.00	46	175.00	1694	270.00	22
45.00	291	106.00	78	176.00	22120	272.00	26
46.00	51	110.00	33	177.00	1590	276.00	17
47.00	371	111.00	57	178.00	58	277.00	17
48.00	284	112.00	53	180.00	38	278.00	28
49.00	1161	113.00	51	182.00	20	280.00	18
50.00	5318	115.00	78	183.00	20	281.00	38
51.00	1473	116.00	33	184.00	18	286.00	17
52.00	5	117.00	32	186.00	21	289.00	28
53.00	68	118.00	94	189.00	62	290.00	20
54.00	63	119.00	171	191.00	50	291.00	41
55.00	56	120.00	40	192.00	46	296.00	17
56.00	499	122.00	18	195.00	25	299.00	47
57.00	823	123.00	29	196.00	27	301.00	17
59.00	22	124.00	17	197.00	18	302.00	34
60.00	273	125.00	23	198.00	23	305.00	38
61.00	1439	126.00	22	199.00	18	306.00	18
62.00	1319	127.00	44	200.00	17	308.00	21
63.00	1208	128.00	126	201.00	17	309.00	81
64.00	93	129.00	67	203.00	4	314.00	22
65.00	60	130.00	180	204.00	18	319.00	18
66.00	17	131.00	35	205.00	52	328.00	18
67.00	68	133.00	40	206.00	18	331.00	38
68.00	2885	134.00	1	209.00	42	334.00	22
69.00	2504	135.00	7	213.00	18	337.00	35
70.00	347	140.00	30	214.00	29	338.00	34
71.00	21	141.00	351	218.00	34	339.00	24

Report Date: 29-Mar-2019 00:22:52 Chrom Revision: 2.3 24-Mar-2019 20:11:04
Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78385.D\8260624W6.rslt\spectra.d
Injection Date: 28-Mar-2019 19:45:30
Spectrum: Tune Spec :Average 82-84(3.35-3.37) Bgrd 78(3.32)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 207

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	149	142.00	32	219.00	17	341.00	21
73.00	1292	143.00	257	221.00	22	342.00	16
74.00	4618	144.00	25	222.00	30	344.00	17
75.00	14488	145.00	55	224.00	24	345.00	23
76.00	1283	146.00	54	225.00	23	355.00	37
77.00	239	147.00	33	227.00	17	356.00	19
78.00	133	148.00	25	231.00	17	357.00	21
79.00	685	149.00	45	232.00	74	359.00	16
80.00	173	150.00	22	233.00	31	362.00	26
81.00	777	152.00	18	234.00	38	363.00	21
82.00	82	153.00	48	236.00	22	378.00	49
83.00	18	156.00	17	237.00	17	382.00	22
84.00	18	157.00	46	239.00	20	389.00	17
86.00	38	159.00	25	240.00	18	390.00	16
87.00	1365	162.00	20	241.00	18	391.00	17
88.00	962	163.00	52	245.00	17	392.00	17
90.00	45	164.00	46	247.00	29	393.00	21
91.00	132	166.00	97	252.00	42	395.00	17
92.00	831	168.00	42	253.00	48		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-598754/8

Matrix: Water Lab File ID: F78392.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2019 22:38

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.: 598754 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		74-132
460-00-4	4-Bromofluorobenzene	97		77-124
1868-53-7	Dibromofluoromethane (Surr)	106		72-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78392.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 28-Mar-2019 22:38:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0088627-008
Operator ID: Instrument ID: CVOAMS6

Method: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 29-Mar-2019 11:02:25 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: delpolitov Date: 29-Mar-2019 11:02:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.168	3.168	0.000	0	67941	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.195	4.187	0.008	0	65908	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.655	4.664	-0.009	96	51112	50.0	53.2	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.001	5.000	0.001	0	52690	50.0	52.1	
* 61 Fluorobenzene	96	5.264	5.272	-0.008	99	158426	50.0	50.0	
* 67 1,4-Dioxane-d8	96	5.978	5.978	0.000	0	5811	1000.0	1000.0	
$ 78 Toluene-d8 (Surr)	98	6.915	6.915	0.000	99	171535	50.0	48.4	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	87	112969	50.0	50.0	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	92	53533	50.0	48.4	
* 116 1,4-Dichlorobenzene-d4	152	10.876	10.867	0.009	96	66331	50.0	50.0	

Reagents:

VOA6IS/SURR_00020 Amount Added: 5.00 Units: uL Run Reagent

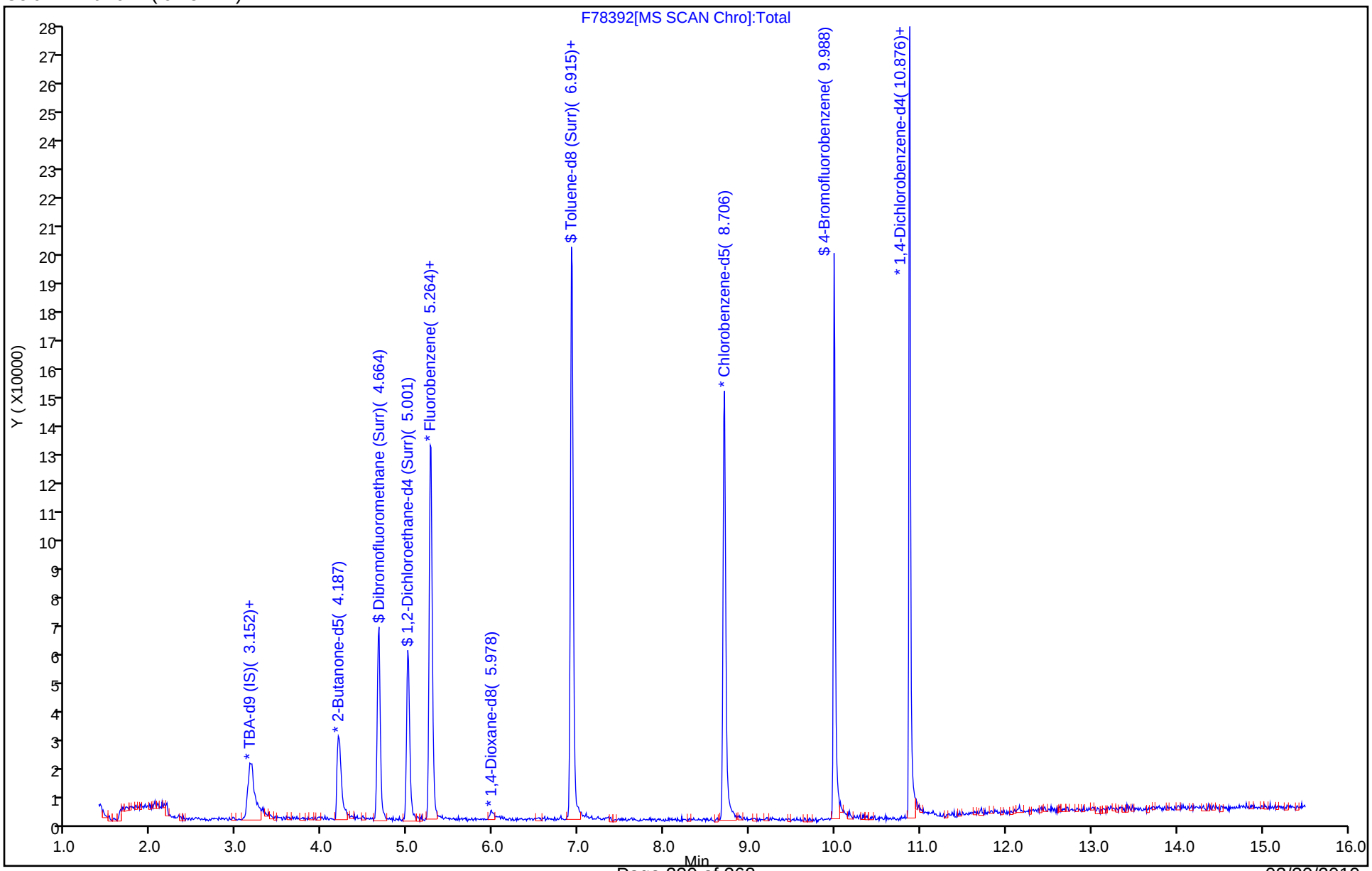
Report Date: 29-Mar-2019 11:02:26 Chrom Revision: 2.3 24-Mar-2019 20:11:04

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78392.D

Injection Date:	28-Mar-2019 22:38:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-178001-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-598754/5

Matrix: Water | Lab File ID: F78389.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/28/2019 21:26

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.: 598754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.1		1.0	0.24
75-34-3	1,1-Dichloroethane	22.7		1.0	0.26
75-35-4	1,1-Dichloroethene	22.1		1.0	0.12
56-23-5	Carbon tetrachloride	20.0		1.0	0.21
74-87-3	Chloromethane	19.0		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	21.8		1.0	0.22
75-09-2	Methylene Chloride	24.1		1.0	0.32
127-18-4	Tetrachloroethene	20.4		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	23.0		1.0	0.24
79-01-6	Trichloroethene	19.7		1.0	0.31
75-01-4	Vinyl chloride	18.5		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	99		77-124
1868-53-7	Dibromofluoromethane (Surr)	106		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78389.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 28-Mar-2019 21:26:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0088627-005
Operator ID: Instrument ID: CVOAMS6

Method: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 29-Mar-2019 11:16:15 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: parekhv Date: 28-Mar-2019 23:57:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.558	1.558	0.000	99	43727	20.0	13.6	
3 Chloromethane	50	1.730	1.722	0.008	98	61956	20.0	19.0	
5 Butadiene	54	1.804	1.804	0.000	95	50110	20.0	18.9	
4 Vinyl chloride	62	1.821	1.812	0.009	99	59761	20.0	18.5	
6 Bromomethane	94	2.084	2.075	0.009	99	43411	20.0	20.0	
7 Chloroethane	64	2.149	2.133	0.016	98	38743	20.0	19.7	
8 Dichlorofluoromethane	67	2.322	2.314	0.008	98	100784	20.0	21.0	
9 Trichlorofluoromethane	101	2.330	2.322	0.008	53	70976	20.0	20.8	
10 Pentane	72	2.338	2.330	0.008	97	20762	40.0	50.8	
12 Ethyl ether	59	2.527	2.519	0.008	94	33741	20.0	20.6	
13 2-Methyl-1,3-butadiene	53	2.544	2.535	0.009	98	40822	20.0	22.7	
11 Ethanol	46	2.544	2.560	-0.016	68	4293	800.0	1333.6	
15 Acrolein	56	2.700	2.700	0.000	49	10394	40.0	38.7	
16 1,1,2-Trichloro-1,2,2-trif	101	2.708	2.700	0.008	96	44806	20.0	22.3	
17 1,1-Dichloroethene	96	2.733	2.724	0.009	98	43399	20.0	22.1	
18 Acetone	43	2.823	2.815	0.008	88	59280	100.0	101.0	
19 Iodomethane	142	2.889	2.880	0.009	98	78826	20.0	21.9	
21 Carbon disulfide	76	2.922	2.913	0.009	100	162273	20.0	22.6	
20 Isopropyl alcohol	45	2.946	2.930	0.016	96	24459	200.0	274.1	
22 3-Chloro-1-propene	41	3.037	3.028	0.009	90	88075	20.0	21.5	
24 Methyl acetate	43	3.045	3.045	0.000	56	59328	40.0	41.3	
23 Cyclopentene	67	3.053	3.053	0.000	93	114552	20.0	22.3	
25 Acetonitrile	41	3.127	3.119	0.008	53	57199	200.0	264.3	
27 Methylene Chloride	84	3.160	3.160	0.000	93	54032	20.0	24.1	
* 26 TBA-d9 (IS)	65	3.168	3.168	0.000	0	71975	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.234	3.226	0.008	53	38560	200.0	210.2	
29 Methyl tert-butyl ether	73	3.316	3.308	0.008	97	114587	20.0	21.7	
30 trans-1,2-Dichloroethene	96	3.341	3.341	0.000	95	49685	20.0	23.0	
31 Acrylonitrile	53	3.415	3.415	0.000	94	151900	200.0	219.1	
32 Hexane	43	3.480	3.480	0.000	93	38285	20.0	21.5	
33 Isopropyl ether	45	3.686	3.686	0.000	95	152338	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
34 1,1-Dichloroethane	63	3.727	3.719	0.008	99	87360	20.0	22.7	
35 Vinyl acetate	86	3.735	3.735	0.000	100	14159	40.0	36.5	
36 2-Chloro-1,3-butadiene	88	3.768	3.760	0.008	91	40377	20.0	20.9	
37 Tert-butyl ethyl ether	59	3.990	3.990	0.000	91	135086	20.0	22.0	
* 38 2-Butanone-d5	46	4.187	4.187	0.000	0	81722	250.0	250.0	
39 2,2-Dichloropropane	97	4.212	4.212	0.000	89	16990	20.0	21.3	
40 cis-1,2-Dichloroethene	96	4.236	4.236	0.000	93	53091	20.0	21.8	
41 2-Butanone (MEK)	72	4.236	4.244	-0.008	96	20123	100.0	91.0	
42 Ethyl acetate	70	4.236	4.244	-0.008	92	6844	40.0	34.6	
43 Methyl acrylate	55	4.294	4.294	0.000	32	26012	20.0	17.1	a
44 Propionitrile	54	4.384	4.376	0.008	98	50491	200.0	215.7	a
45 Chlorobromomethane	128	4.458	4.458	0.000	89	24804	20.0	20.8	
46 Tetrahydrofuran	72	4.467	4.466	0.000	76	10217	40.0	42.0	
47 Methacrylonitrile	67	4.467	4.466	0.000	93	146975	200.0	197.3	
48 Chloroform	83	4.508	4.507	0.001	97	82630	20.0	22.6	
49 Cyclohexane	84	4.639	4.639	0.000	91	74748	20.0	21.8	
50 1,1,1-Trichloroethane	97	4.655	4.647	0.008	98	71688	20.0	21.1	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	97	57445	50.0	53.1	
52 Carbon tetrachloride	117	4.771	4.770	0.001	97	56177	20.0	20.0	
53 1,1-Dichloropropene	75	4.795	4.795	0.000	97	58256	20.0	20.5	
54 Isobutyl alcohol	43	4.943	4.943	0.000	45	61607	500.0	507.6	
55 Benzene	78	4.992	4.984	0.008	96	179219	20.0	19.3	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.009	5.000	0.009	0	60005	50.0	52.7	
57 Isopropyl acetate	43	5.042	5.033	0.009	96	124174	20.0	20.5	
58 Tert-amyl methyl ether	73	5.042	5.042	0.000	94	152342	20.0	21.3	
59 1,2-Dichloroethane	62	5.075	5.074	0.001	97	54009	20.0	20.8	
60 n-Heptane	57	5.132	5.132	0.000	91	32643	20.0	19.4	
* 61 Fluorobenzene	96	5.272	5.272	0.000	98	178560	50.0	50.0	
62 n-Butanol	56	5.592	5.600	-0.008	91	13534	500.0	368.6	a
63 Trichloroethene	95	5.625	5.617	0.008	96	40555	20.0	19.7	
65 Ethyl acrylate	55	5.740	5.740	0.000	95	97357	20.0	19.6	
64 Methylcyclohexane	83	5.740	5.740	0.000	90	83816	20.0	20.9	
66 1,2-Dichloropropane	63	5.904	5.904	0.000	91	43117	20.0	20.7	
68 Methyl methacrylate	100	5.970	5.970	0.000	86	18146	40.0	38.1	
* 67 1,4-Dioxane-d8	96	5.970	5.978	-0.008	0	7035	1000.0	1000.0	
70 n-Propyl acetate	43	6.028	6.028	0.000	98	40650	20.0	18.3	
69 1,4-Dioxane	88	6.036	6.028	0.008	23	6846	400.0	558.0	
71 Dibromomethane	93	6.036	6.044	-0.008	93	24922	20.0	19.8	
72 Dichlorobromomethane	83	6.192	6.184	0.008	99	53704	20.0	19.9	
73 2-Nitropropane	41	6.513	6.512	0.000	85	14115	40.0	29.9	
74 2-Chloroethyl vinyl ether	63	6.513	6.512	0.000	75	19476	20.0	18.8	
75 Epichlorohydrin	57	6.628	6.627	0.001	99	64936	400.0	395.3	
76 cis-1,3-Dichloropropene	75	6.677	6.677	0.000	94	57185	20.0	18.2	
77 4-Methyl-2-pentanone (MIBK	43	6.841	6.833	0.008	97	181983	100.0	106.7	
$ 78 Toluene-d8 (Surr)	98	6.923	6.915	0.008	99	207951	50.0	49.7	
79 Toluene	91	6.997	6.997	0.000	93	174923	20.0	19.1	
80 trans-1,3-Dichloropropene	75	7.351	7.350	0.001	98	47793	20.0	18.2	
81 Ethyl methacrylate	69	7.375	7.375	0.000	89	44193	20.0	16.8	
82 1,1,2-Trichloroethane	83	7.564	7.564	0.000	94	27006	20.0	19.8	
83 Tetrachloroethene	166	7.605	7.605	0.000	97	43906	20.0	20.4	
84 1,3-Dichloropropane	76	7.770	7.770	0.000	94	53810	20.0	19.1	
85 2-Hexanone	43	7.835	7.827	0.008	98	94978	100.0	101.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 n-Butyl acetate	43	7.942	7.942	0.000	99	54529	20.0	19.9	
87 Chlorodibromomethane	129	8.008	8.008	0.000	98	33813	20.0	17.2	
88 Ethylene Dibromide	107	8.164	8.164	0.000	96	30895	20.0	19.4	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	86	133301	50.0	50.0	
90 Chlorobenzene	112	8.739	8.739	0.000	94	111334	20.0	19.9	
91 Ethylbenzene	106	8.838	8.838	0.000	99	63634	20.0	18.8	
92 1,1,1,2-Tetrachloroethane	131	8.854	8.862	-0.008	95	42121	20.0	18.0	
93 m-Xylene & p-Xylene	106	8.994	8.994	0.000	0	81307	20.0	19.7	
94 n-Butyl acrylate	73	9.438	9.446	-0.008	99	28840	20.0	16.9	
95 o-Xylene	106	9.454	9.454	0.000	94	84761	20.0	19.6	
96 Styrene	104	9.487	9.487	0.000	96	127069	20.0	19.2	
97 Amyl acetate (mixed isomer	43	9.668	9.668	0.000	92	65563	20.0	17.2	
98 Bromoform	173	9.701	9.701	0.000	96	23298	20.0	17.9	
99 Isopropylbenzene	105	9.799	9.799	0.000	96	221310	20.0	19.8	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	89	64728	50.0	49.6	
101 Bromobenzene	156	10.103	10.111	-0.008	97	52941	20.0	19.7	
102 1,1,2,2-Tetrachloroethane	83	10.153	10.144	0.009	98	47339	20.0	19.0	
103 N-Propylbenzene	91	10.161	10.161	0.000	99	267262	20.0	19.7	
104 1,2,3-Trichloropropane	110	10.185	10.185	0.000	94	14082	20.0	18.0	
105 trans-1,4-Dichloro-2-buten	53	10.202	10.202	0.000	83	10547	20.0	17.5	
106 2-Chlorotoluene	91	10.259	10.259	0.000	89	182829	20.0	19.4	
107 4-Ethyltoluene	105	10.259	10.259	0.000	91	222116	20.0	19.1	
108 1,3,5-Trimethylbenzene	105	10.309	10.309	0.000	93	192052	20.0	18.8	
109 4-Chlorotoluene	91	10.350	10.350	0.000	97	156776	20.0	19.4	
110 Butyl Methacrylate	87	10.391	10.391	0.000	90	60110	20.0	16.5	
111 tert-Butylbenzene	119	10.547	10.547	0.000	95	145934	20.0	18.2	
112 1,2,4-Trimethylbenzene	105	10.596	10.596	0.000	98	202584	20.0	19.4	
113 sec-Butylbenzene	105	10.711	10.711	0.000	99	245061	20.0	19.2	
114 4-Isopropyltoluene	119	10.810	10.810	0.000	98	214708	20.0	18.9	
115 1,3-Dichlorobenzene	146	10.818	10.818	0.000	96	108210	20.0	19.7	
* 116 1,4-Dichlorobenzene-d4	152	10.867	10.867	0.000	93	82745	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.884	10.884	0.000	94	111571	20.0	19.6	
132 1,2,3-Trimethylbenzene	105	10.892	10.892	0.000	98	215712	20.0	19.3	
118 Benzyl chloride	91	10.991	10.991	0.000	99	97513	20.0	16.7	
119 2,3-Dihydroindene	117	11.032	11.032	0.000	94	218262	20.0	19.7	
120 p-Diethylbenzene	119	11.065	11.065	0.000	93	125147	20.0	19.7	
121 n-Butylbenzene	92	11.081	11.081	0.000	97	120358	20.0	20.0	
122 1,2-Dichlorobenzene	146	11.139	11.138	0.001	96	107467	20.0	19.4	
123 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	98	205154	20.0	18.5	
124 1,2-Dibromo-3-Chloropropan	75	11.623	11.623	0.000	94	9135	20.0	16.2	
125 1,3,5-Trichlorobenzene	180	11.706	11.705	0.001	97	91712	20.0	20.0	
126 1,2,4-Trichlorobenzene	180	12.100	12.108	-0.008	94	82906	20.0	19.0	
127 Hexachlorobutadiene	225	12.166	12.166	0.000	95	34231	20.0	19.8	
128 Naphthalene	128	12.273	12.272	0.001	99	190540	20.0	18.5	
129 1,2,3-Trichlorobenzene	180	12.437	12.437	0.000	95	77271	20.0	19.1	
S 130 1,2-Dichloroethene, Total	100				0		40.0	44.7	
S 131 Xylenes, Total	100				0		40.0	39.3	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00095	Amount Added:	20.00	Units: uL	
ACROLEIN W_00088	Amount Added:	4.00	Units: uL	
GASES Li_00307	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00020	Amount Added:	5.00	Units: uL	Run Reagent

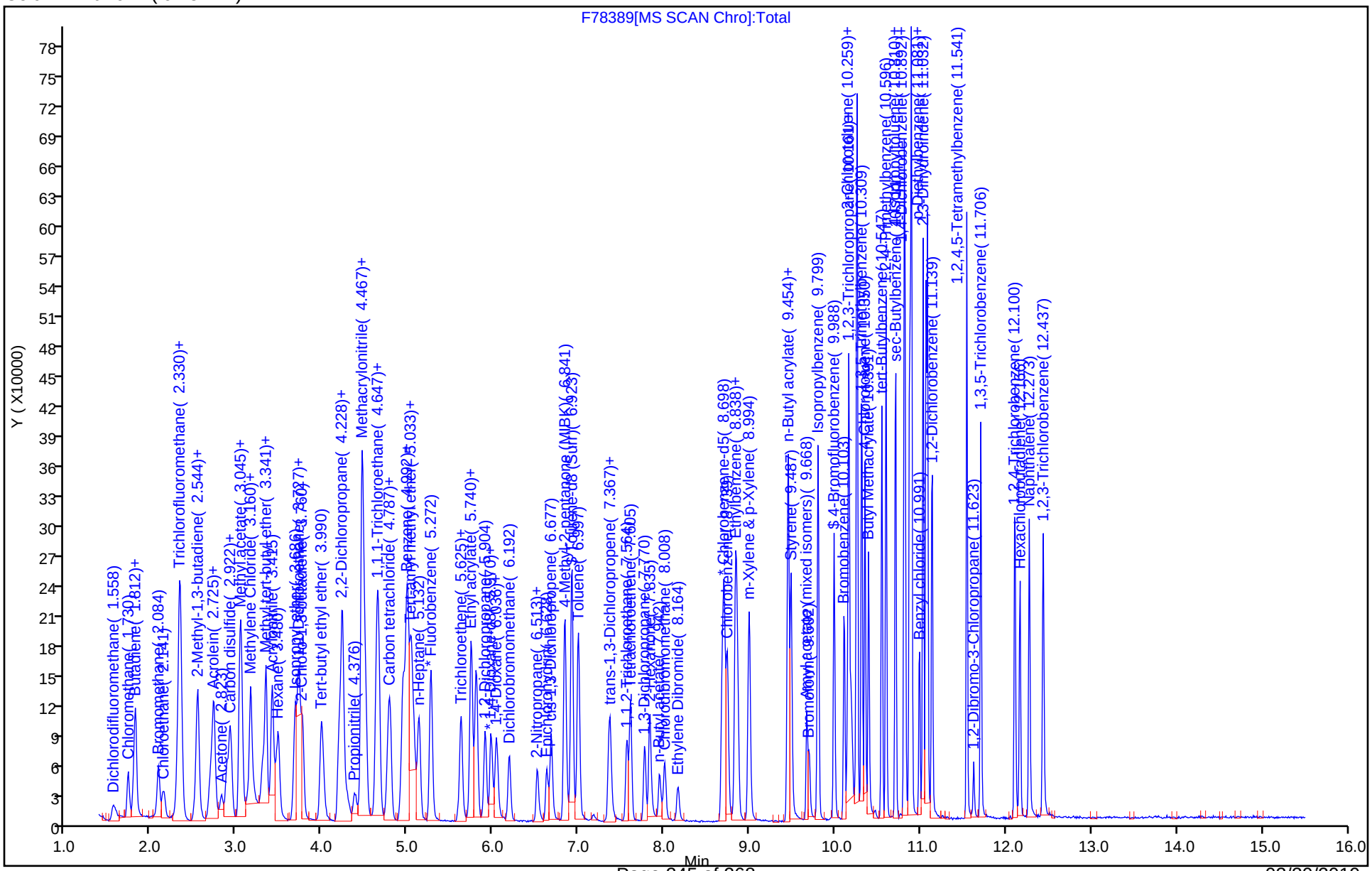
Report Date: 29-Mar-2019 11:27:06 Chrom Revision: 2.3 24-Mar-2019 20:11:04

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78389.D

Injection Date:	28-Mar-2019 21:26:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-178001-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-177969-B-2 MS

Matrix: Water | Lab File ID: F78411.D

Analysis Method: 8260C | Date Collected: 03/25/2019 12:40

Sample wt/vol: 5(mL) | Date Analyzed: 03/29/2019 06:20

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.: 598754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.9		1.0	0.24
75-34-3	1,1-Dichloroethane	24.1		1.0	0.26
75-35-4	1,1-Dichloroethene	24.1		1.0	0.12
56-23-5	Carbon tetrachloride	21.4		1.0	0.21
74-87-3	Chloromethane	19.6		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	22.8		1.0	0.22
75-09-2	Methylene Chloride	25.7		1.0	0.32
127-18-4	Tetrachloroethene	20.8		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	24.0		1.0	0.24
79-01-6	Trichloroethene	20.2		1.0	0.31
75-01-4	Vinyl chloride	20.7		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	100		77-124
1868-53-7	Dibromofluoromethane (Surr)	109		72-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78411.D
Lims ID: 460-177969-B-2 MS
Client ID: MWNL-01
Sample Type: MS
Inject. Date: 29-Mar-2019 06:20:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-177969-B-2 MS
Misc. Info.: 460-0088627-027
Operator ID: Instrument ID: CVOAMS6

Method: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 29-Mar-2019 11:13:52 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: delpolitov Date: 29-Mar-2019 11:12:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.558	1.558	0.000	98	39706	20.0	13.6	
3 Chloromethane	50	1.722	1.722	0.000	99	58023	20.0	19.6	
5 Butadiene	54	1.796	1.804	-0.008	94	48887	20.0	20.3	
4 Vinyl chloride	62	1.812	1.812	0.000	98	60727	20.0	20.7	
6 Bromomethane	94	2.075	2.075	0.000	99	42918	20.0	21.7	
7 Chloroethane	64	2.133	2.133	0.000	98	38299	20.0	21.4	
8 Dichlorofluoromethane	67	2.314	2.314	0.000	98	102437	20.0	23.4	
9 Trichlorofluoromethane	101	2.322	2.322	0.000	56	68616	20.0	22.1	
10 Pentane	72	2.338	2.330	0.008	96	18339	40.0	46.7	
12 Ethyl ether	59	2.519	2.519	0.000	93	32027	20.0	21.5	
13 2-Methyl-1,3-butadiene	53	2.535	2.535	0.000	98	37497	20.0	22.9	
11 Ethanol	46	2.519	2.560	-0.041	72	2473	800.0	799.8	
15 Acrolein	56	2.700	2.700	0.000	43	7957	40.0	30.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.700	2.700	0.000	95	43718	20.0	24.0	
17 1,1-Dichloroethene	96	2.733	2.724	0.009	98	43041	20.0	24.1	
18 Acetone	43	2.815	2.815	0.000	86	53106	100.0	96.0	
19 Iodomethane	142	2.880	2.880	0.000	98	75478	20.0	23.0	
21 Carbon disulfide	76	2.913	2.913	0.000	100	145557	20.0	22.3	
20 Isopropyl alcohol	45	2.930	2.930	0.000	26	15681	200.0	182.9	M
22 3-Chloro-1-propene	41	3.028	3.028	0.000	88	82242	20.0	22.1	
24 Methyl acetate	43	3.037	3.045	-0.008	54	49033	40.0	37.6	
23 Cyclopentene	67	3.045	3.053	-0.008	91	107719	20.0	23.1	
25 Acetonitrile	41	3.119	3.119	0.000	53	47695	200.0	229.4	
27 Methylene Chloride	84	3.152	3.160	-0.008	91	52358	20.0	25.7	
* 26 TBA-d9 (IS)	65	3.160	3.168	-0.008	0	69136	1000.0	1000.0	M
28 2-Methyl-2-propanol	59	3.226	3.226	0.000	51	35944	200.0	204.0	
29 Methyl tert-butyl ether	73	3.308	3.308	0.000	96	114258	20.0	23.8	
30 trans-1,2-Dichloroethene	96	3.341	3.341	0.000	95	47258	20.0	24.0	
31 Acrylonitrile	53	3.415	3.415	0.000	94	149077	200.0	236.5	
32 Hexane	43	3.480	3.480	0.000	92	34745	20.0	21.5	
33 Isopropyl ether	45	3.686	3.686	0.000	96	148682	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
34 1,1-Dichloroethane	63	3.727	3.719	0.008	99	84425	20.0	24.1	
35 Vinyl acetate	86	3.719	3.735	-0.016	100	13363	40.0	37.9	
36 2-Chloro-1,3-butadiene	88	3.768	3.760	0.008	92	39295	20.0	22.4	
37 Tert-butyl ethyl ether	59	3.990	3.990	0.000	89	131064	20.0	23.5	
* 38 2-Butanone-d5	46	4.187	4.187	0.000	0	77010	250.0	250.0	
39 2,2-Dichloropropane	97	4.203	4.212	-0.009	94	15177	20.0	20.9	
40 cis-1,2-Dichloroethene	96	4.236	4.236	0.000	94	50471	20.0	22.8	
41 2-Butanone (MEK)	72	4.236	4.244	-0.008	95	19575	100.0	93.9	
42 Ethyl acetate	70	4.245	4.244	0.000	83	6573	40.0	35.3	
43 Methyl acrylate	55	4.302	4.294	0.008	99	25440	20.0	18.2	a
44 Propionitrile	54	4.376	4.376	0.000	97	49326	200.0	219.3	a
45 Chlorobromomethane	128	4.450	4.458	-0.008	91	23966	20.0	22.1	
46 Tetrahydrofuran	72	4.458	4.466	-0.008	55	8314	40.0	36.2	
47 Methacrylonitrile	67	4.466	4.466	0.000	93	143137	200.0	211.3	
48 Chloroform	83	4.507	4.507	0.000	98	75815	20.0	22.8	
49 Cyclohexane	84	4.631	4.639	-0.008	91	75119	20.0	24.1	
50 1,1,1-Trichloroethane	97	4.647	4.647	0.000	98	70999	20.0	22.9	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	97	53441	50.0	54.3	
52 Carbon tetrachloride	117	4.762	4.770	-0.008	95	54776	20.0	21.4	
53 1,1-Dichloropropene	75	4.795	4.795	0.000	97	55789	20.0	21.6	
54 Isobutyl alcohol	43	4.943	4.943	0.000	36	55651	500.0	477.4	a
55 Benzene	78	4.984	4.984	0.000	97	170638	20.0	20.0	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.009	5.000	0.009	0	54625	50.0	52.7	
57 Isopropyl acetate	43	5.033	5.033	0.000	80	118350	20.0	21.5	a
58 Tert-amyl methyl ether	73	5.042	5.042	0.000	90	145775	20.0	22.4	a
59 1,2-Dichloroethane	62	5.083	5.074	0.009	96	50398	20.0	21.3	
60 n-Heptane	57	5.132	5.132	0.000	89	30256	20.0	19.8	
* 61 Fluorobenzene	96	5.272	5.272	0.000	99	162345	50.0	50.0	
62 n-Butanol	56	5.592	5.600	-0.008	86	12510	500.0	354.7	
63 Trichloroethene	95	5.617	5.617	0.000	98	37774	20.0	20.2	
65 Ethyl acrylate	55	5.740	5.740	0.000	92	97980	20.0	21.7	
64 Methylcyclohexane	83	5.740	5.740	0.000	89	80738	20.0	22.2	
66 1,2-Dichloropropane	63	5.904	5.904	0.000	93	40718	20.0	21.5	
68 Methyl methacrylate	100	5.978	5.970	0.008	86	17487	40.0	40.3	
* 67 1,4-Dioxane-d8	96	5.962	5.978	-0.016	0	6463	1000.0	1000.0	
70 n-Propyl acetate	43	6.028	6.028	0.000	97	39463	20.0	19.6	
69 1,4-Dioxane	88	6.036	6.028	0.008	27	5555	400.0	492.8	
71 Dibromomethane	93	6.036	6.044	-0.008	93	24424	20.0	21.3	
72 Dichlorobromomethane	83	6.184	6.184	0.000	99	49479	20.0	20.2	
73 2-Nitropropane	41	6.512	6.512	0.000	98	11939	40.0	27.7	
75 Epichlorohydrin	57	6.627	6.627	0.000	99	39852	400.0	257.4	
76 cis-1,3-Dichloropropene	75	6.677	6.677	0.000	93	52194	20.0	18.0	
77 4-Methyl-2-pentanone (MIBK	43	6.841	6.833	0.008	97	181005	100.0	112.6	
$ 78 Toluene-d8 (Surr)	98	6.915	6.915	0.000	99	187692	50.0	48.8	
79 Toluene	91	6.997	6.997	0.000	93	170521	20.0	20.3	
80 trans-1,3-Dichloropropene	75	7.350	7.350	0.000	97	42156	20.0	17.5	
81 Ethyl methacrylate	69	7.367	7.375	-0.008	91	44698	20.0	18.5	
82 1,1,2-Trichloroethane	83	7.564	7.564	0.000	94	26623	20.0	21.2	
83 Tetrachloroethene	166	7.605	7.605	0.000	96	41204	20.0	20.8	
84 1,3-Dichloropropane	76	7.770	7.770	0.000	94	51539	20.0	19.9	
85 2-Hexanone	43	7.835	7.827	0.008	97	91957	100.0	104.5	
86 n-Butyl acetate	43	7.950	7.942	0.008	98	53403	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 Chlorodibromomethane	129	8.008	8.008	0.000	99	32978	20.0	18.3	
88 Ethylene Dibromide	107	8.164	8.164	0.000	98	29546	20.0	20.2	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	86	122449	50.0	50.0	
90 Chlorobenzene	112	8.739	8.739	0.000	94	106910	20.0	20.9	
91 Ethylbenzene	106	8.838	8.838	0.000	98	62503	20.0	20.1	
92 1,1,1,2-Tetrachloroethane	131	8.862	8.862	0.000	93	41882	20.0	19.4	
93 m-Xylene & p-Xylene	106	8.994	8.994	0.000	0	77795	20.0	20.5	
94 n-Butyl acrylate	73	9.446	9.446	0.000	98	29559	20.0	18.9	
95 o-Xylene	106	9.454	9.454	0.000	94	82536	20.0	20.8	
96 Styrene	104	9.487	9.487	0.000	96	123011	20.0	20.3	
97 Amyl acetate (mixed isomer	43	9.668	9.668	0.000	93	63762	20.0	17.6	
98 Bromoform	173	9.701	9.701	0.000	95	20761	20.0	17.4	
99 Isopropylbenzene	105	9.799	9.799	0.000	96	219384	20.0	21.4	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	90	60139	50.0	50.2	
101 Bromobenzene	156	10.111	10.111	0.000	97	49480	20.0	19.4	
102 1,1,2,2-Tetrachloroethane	83	10.152	10.144	0.008	98	51273	20.0	21.7	
103 N-Propylbenzene	91	10.161	10.161	0.000	99	260228	20.0	20.2	
104 1,2,3-Trichloropropane	110	10.185	10.185	0.000	96	14536	20.0	19.6	
105 trans-1,4-Dichloro-2-buten	53	10.202	10.202	0.000	90	9805	20.0	17.1	
106 2-Chlorotoluene	91	10.259	10.259	0.000	91	177291	20.0	19.8	
107 4-Ethyltoluene	105	10.259	10.259	0.000	89	217211	20.0	19.7	
108 1,3,5-Trimethylbenzene	105	10.309	10.309	0.000	93	191708	20.0	19.8	
109 4-Chlorotoluene	91	10.350	10.350	0.000	97	152723	20.0	19.9	
110 Butyl Methacrylate	87	10.391	10.391	0.000	91	58647	20.0	17.0	
111 tert-Butylbenzene	119	10.547	10.547	0.000	95	143835	20.0	18.9	
112 1,2,4-Trimethylbenzene	105	10.596	10.596	0.000	98	194462	20.0	19.6	
113 sec-Butylbenzene	105	10.711	10.711	0.000	99	241111	20.0	20.0	
114 4-Isopropyltoluene	119	10.810	10.810	0.000	98	209573	20.0	19.4	
115 1,3-Dichlorobenzene	146	10.818	10.818	0.000	95	101375	20.0	19.4	
* 116 1,4-Dichlorobenzene-d4	152	10.876	10.867	0.009	94	78531	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.884	10.884	0.000	94	107384	20.0	19.9	
132 1,2,3-Trimethylbenzene	105	10.900	10.892	0.008	98	210265	20.0	19.8	
118 Benzyl chloride	91	10.991	10.991	0.000	99	79937	20.0	14.5	
119 2,3-Dihydroindene	117	11.032	11.032	0.000	95	211803	20.0	20.1	
120 p-Diethylbenzene	119	11.065	11.065	0.000	93	122075	20.0	20.3	
121 n-Butylbenzene	92	11.081	11.081	0.000	98	116164	20.0	20.3	
122 1,2-Dichlorobenzene	146	11.138	11.138	0.000	96	109312	20.0	20.8	
123 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	98	199844	20.0	18.9	
124 1,2-Dibromo-3-Chloropropan	75	11.623	11.623	0.000	94	9525	20.0	17.8	
125 1,3,5-Trichlorobenzene	180	11.705	11.705	0.000	97	85646	20.0	19.7	
126 1,2,4-Trichlorobenzene	180	12.108	12.108	0.000	94	78668	20.0	19.0	
127 Hexachlorobutadiene	225	12.166	12.166	0.000	94	32259	20.0	19.7	
128 Naphthalene	128	12.272	12.272	0.000	99	186989	20.0	19.2	
129 1,2,3-Trichlorobenzene	180	12.437	12.437	0.000	94	71782	20.0	18.7	
S 130 1,2-Dichloroethene, Total	100				0		40.0	46.8	
S 131 Xylenes, Total	100				0		40.0	41.3	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00307	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00095	Amount Added:	20.00	Units: uL	
ACROLEIN W_00088	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00020	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 29-Mar-2019 11:13:54 Chrom Revision: 2.3 24-Mar-2019 20:11:04

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78411.D

Injection Date: 29-Mar-2019 06:20:30 Instrument ID: CVOAMS6 Operator ID:

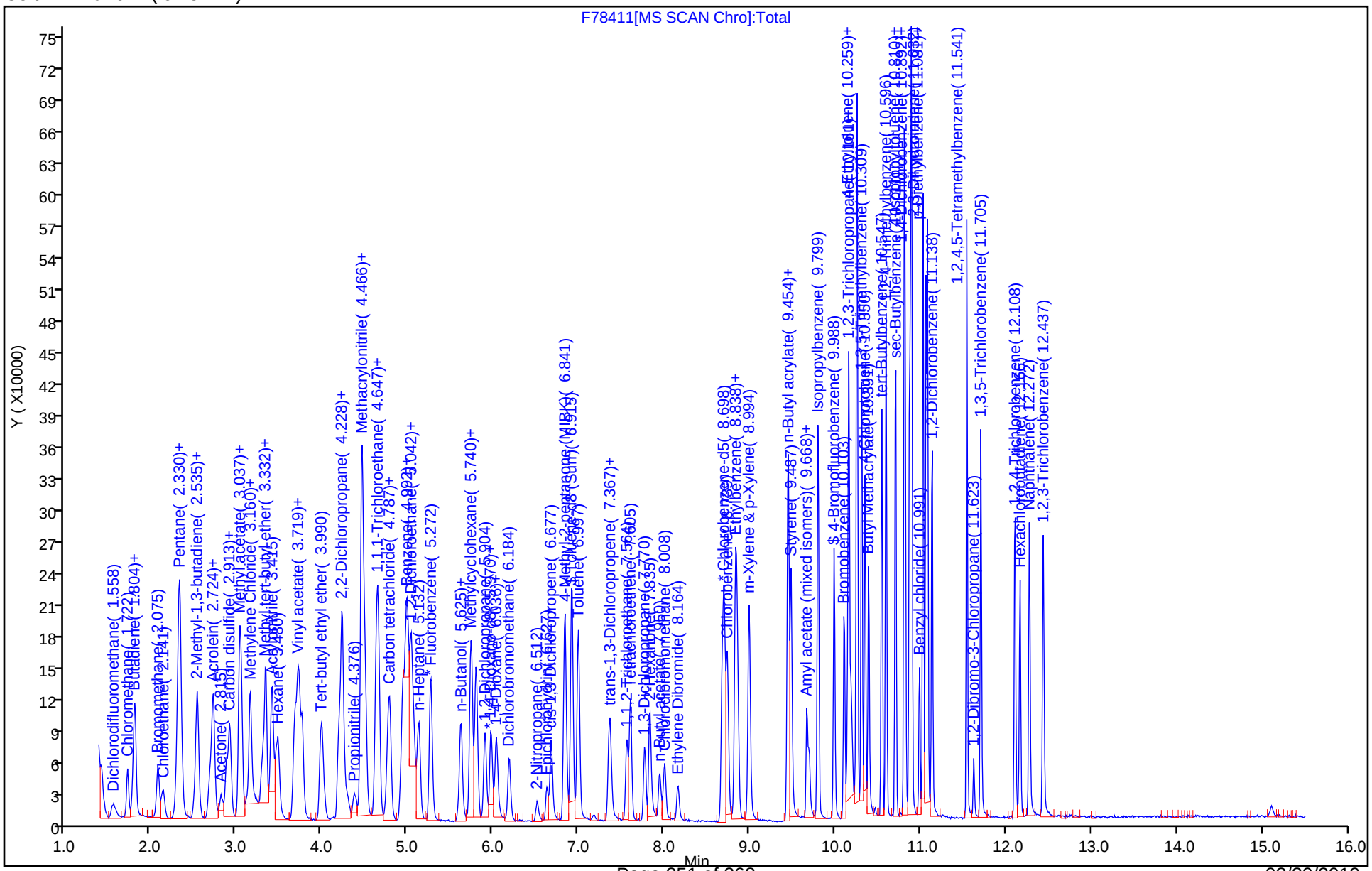
Lims ID: 460-177969-B-2 MS Worklist Smp#: 27

Client ID: MWNL-01

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 26

Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

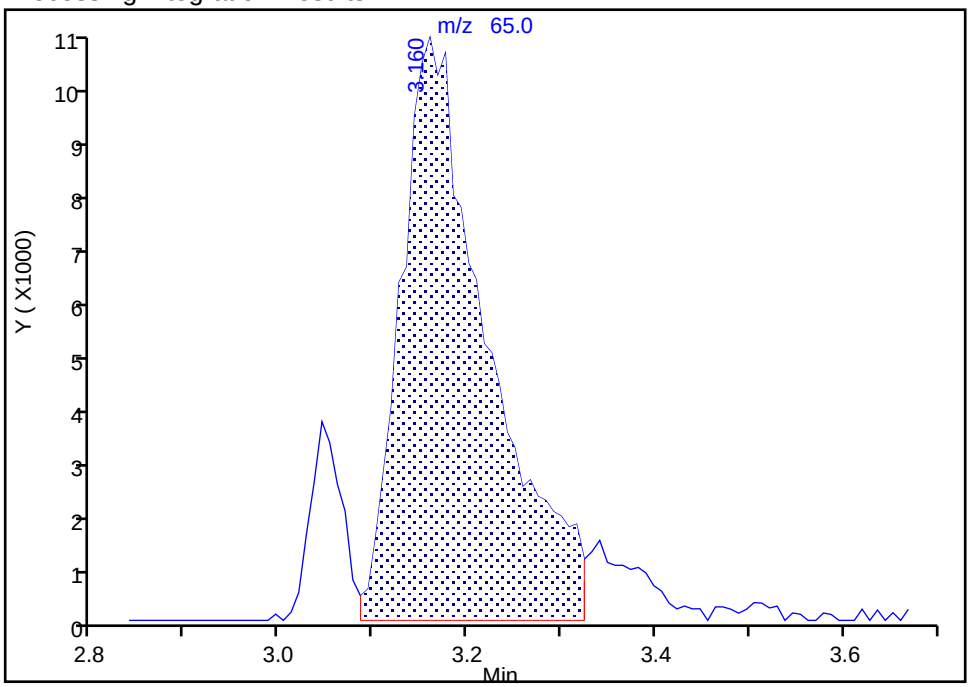
Data File:	\\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78411.D				
Injection Date:	29-Mar-2019 06:20:30	Instrument ID:	CVOAMS6		
Lims ID:	460-177969-B-2 MS				
Client ID:	MWNL-01				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

* 26 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

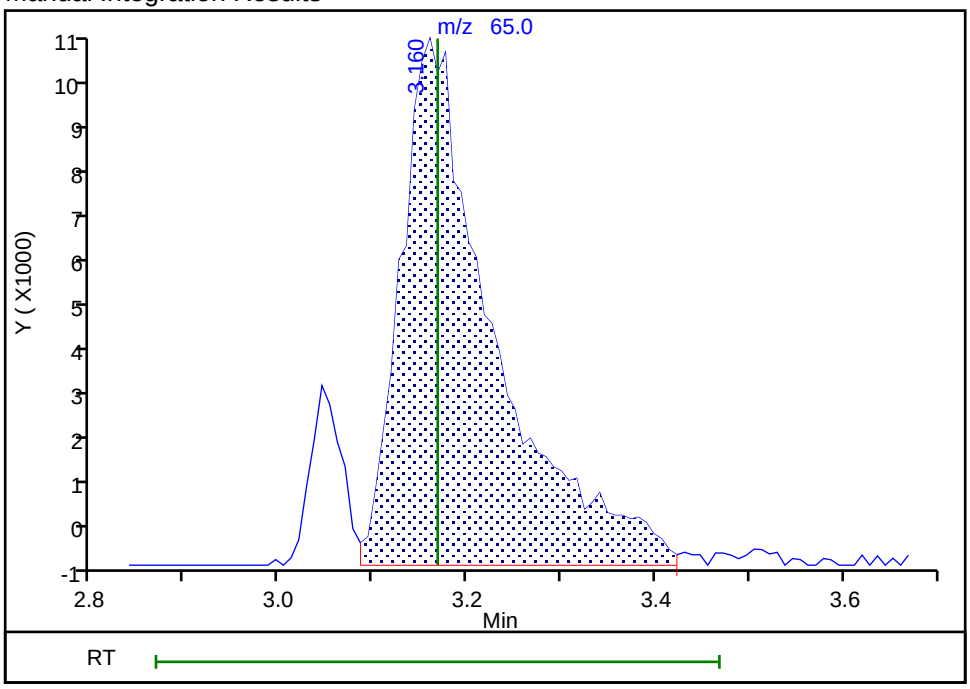
Processing Integration Results

RT: 3.16
Area: 64370
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.16
Area: 69136
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 29-Mar-2019 11:11:56

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-178001-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-177969-B-2 MSD

Matrix: Water | Lab File ID: F78412.D

Analysis Method: 8260C | Date Collected: 03/25/2019 12:40

Sample wt/vol: 5(mL) | Date Analyzed: 03/29/2019 06:44

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 598754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.0		1.0	0.24
75-34-3	1,1-Dichloroethane	21.7		1.0	0.26
75-35-4	1,1-Dichloroethene	22.1		1.0	0.12
56-23-5	Carbon tetrachloride	19.8		1.0	0.21
74-87-3	Chloromethane	18.4		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	20.6		1.0	0.22
75-09-2	Methylene Chloride	23.9		1.0	0.32
127-18-4	Tetrachloroethene	19.7		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	22.0		1.0	0.24
79-01-6	Trichloroethene	19.1		1.0	0.31
75-01-4	Vinyl chloride	18.1		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		74-132
460-00-4	4-Bromofluorobenzene	100		77-124
1868-53-7	Dibromofluoromethane (Surr)	104		72-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78412.D
Lims ID: 460-177969-B-2 MSD
Client ID: MWNL-01
Sample Type: MSD
Inject. Date: 29-Mar-2019 06:44:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-177969-B-2 MSD
Misc. Info.: 460-0088627-028
Operator ID: Instrument ID: CVOAMS6

Method: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 29-Mar-2019 11:13:21 Calib Date: 14-Mar-2019 13:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20190314-87864.b\F77667.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: delpolitov Date: 29-Mar-2019 11:13:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.558	1.558	0.000	99	40570	20.0	13.1	
3 Chloromethane	50	1.722	1.722	0.000	99	57945	20.0	18.4	
5 Butadiene	54	1.804	1.804	0.000	96	48257	20.0	18.9	
4 Vinyl chloride	62	1.812	1.812	0.000	98	56536	20.0	18.1	
6 Bromomethane	94	2.084	2.075	0.009	99	41063	20.0	19.6	
7 Chloroethane	64	2.141	2.133	0.008	99	37458	20.0	19.7	
8 Dichlorofluoromethane	67	2.314	2.314	0.000	98	97081	20.0	20.9	
9 Trichlorofluoromethane	101	2.330	2.322	0.008	54	66657	20.0	20.3	
10 Pentane	72	2.338	2.330	0.008	97	17883	40.0	42.0	
12 Ethyl ether	59	2.519	2.519	0.000	90	30733	20.0	19.4	
13 2-Methyl-1,3-butadiene	53	2.544	2.535	0.009	98	36767	20.0	21.2	
11 Ethanol	46	2.519	2.560	-0.041	74	3856	800.0	1151.0	
15 Acrolein	56	2.700	2.700	0.000	43	8424	40.0	30.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.700	2.700	0.000	96	41625	20.0	21.5	
17 1,1-Dichloroethene	96	2.733	2.724	0.009	98	41885	20.0	22.1	
18 Acetone	43	2.815	2.815	0.000	86	51062	100.0	91.6	
19 Iodomethane	142	2.881	2.880	0.001	97	75711	20.0	21.8	
21 Carbon disulfide	76	2.922	2.913	0.009	100	139084	20.0	20.1	
20 Isopropyl alcohol	45	2.922	2.930	-0.008	26	19193	200.0	206.6	M
22 3-Chloro-1-propene	41	3.029	3.028	0.001	91	81723	20.0	20.7	
24 Methyl acetate	43	3.045	3.045	0.000	51	53046	40.0	38.3	
23 Cyclopentene	67	3.053	3.053	0.000	94	104707	20.0	21.1	
25 Acetonitrile	41	3.127	3.119	0.008	92	48164	200.0	213.8	
27 Methylene Chloride	84	3.160	3.160	0.000	94	51694	20.0	23.9	
* 26 TBA-d9 (IS)	65	3.168	3.168	0.000	0	74905	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.242	3.226	0.016	93	37452	200.0	196.2	
29 Methyl tert-butyl ether	73	3.308	3.308	0.000	96	114239	20.0	22.4	
30 trans-1,2-Dichloroethene	96	3.341	3.341	0.000	96	45857	20.0	22.0	
31 Acrylonitrile	53	3.415	3.415	0.000	94	141555	200.0	211.5	
32 Hexane	43	3.489	3.480	0.009	93	34085	20.0	19.9	
33 Isopropyl ether	45	3.686	3.686	0.000	95	145292	20.0	21.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 1,1-Dichloroethane	63	3.727	3.719	0.008	100	80608	20.0	21.7	
35 Vinyl acetate	86	3.719	3.735	-0.016	100	12877	40.0	34.5	
36 2-Chloro-1,3-butadiene	88	3.768	3.760	0.008	92	37581	20.0	20.2	
37 Tert-butyl ethyl ether	59	3.990	3.990	0.000	89	132509	20.0	22.4	
* 38 2-Butanone-d5	46	4.187	4.187	0.000	0	77568	250.0	250.0	
39 2,2-Dichloropropane	97	4.212	4.212	0.000	95	15077	20.0	19.6	
40 cis-1,2-Dichloroethene	96	4.236	4.236	0.000	93	48577	20.0	20.6	
41 2-Butanone (MEK)	72	4.236	4.244	-0.008	96	18114	100.0	86.3	
42 Ethyl acetate	70	4.245	4.244	0.001	84	6241	40.0	33.2	
43 Methyl acrylate	55	4.302	4.294	0.008	98	24054	20.0	16.1	a
44 Propionitrile	54	4.384	4.376	0.008	97	45871	200.0	188.3	a
45 Chlorobromomethane	128	4.458	4.458	0.000	89	22388	20.0	19.5	
46 Tetrahydrofuran	72	4.458	4.466	-0.008	55	8749	40.0	37.8	
47 Methacrylonitrile	67	4.466	4.466	0.000	93	134273	200.0	186.7	
48 Chloroform	83	4.508	4.507	0.001	98	74126	20.0	21.0	
49 Cyclohexane	84	4.639	4.639	0.000	92	70141	20.0	21.2	
50 1,1,1-Trichloroethane	97	4.655	4.647	0.008	99	69143	20.0	21.0	
$ 51 Dibromofluoromethane (Surr	113	4.664	4.664	0.000	96	54283	50.0	51.9	
52 Carbon tetrachloride	117	4.771	4.770	0.000	97	53935	20.0	19.8	
53 1,1-Dichloropropene	75	4.787	4.795	-0.008	95	53333	20.0	19.4	
54 Isobutyl alcohol	43	4.935	4.943	-0.008	38	57282	500.0	453.5	
55 Benzene	78	4.992	4.984	0.008	97	166151	20.0	18.2	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.001	5.000	0.001	0	55929	50.0	50.9	
57 Isopropyl acetate	43	5.042	5.033	0.009	83	117584	20.0	20.1	
58 Tert-amyl methyl ether	73	5.042	5.042	0.000	88	144626	20.0	21.0	
59 1,2-Dichloroethane	62	5.075	5.074	0.001	95	47690	20.0	19.0	
60 n-Heptane	57	5.132	5.132	0.000	91	29192	20.0	18.0	
* 61 Fluorobenzene	96	5.272	5.272	0.000	98	172368	50.0	50.0	
62 n-Butanol	56	5.592	5.600	-0.008	94	12267	500.0	321.0	
63 Trichloroethene	95	5.625	5.617	0.008	98	37999	20.0	19.1	
65 Ethyl acrylate	55	5.740	5.740	0.000	92	91200	20.0	19.0	
64 Methylcyclohexane	83	5.740	5.740	0.000	90	80429	20.0	20.8	
66 1,2-Dichloropropane	63	5.904	5.904	0.000	90	39839	20.0	19.8	
68 Methyl methacrylate	100	5.970	5.970	0.000	87	16543	40.0	35.9	
* 67 1,4-Dioxane-d8	96	5.962	5.978	-0.016	0	7622	1000.0	1000.0	
70 n-Propyl acetate	43	6.036	6.028	0.008	99	37453	20.0	17.5	
69 1,4-Dioxane	88	6.028	6.028	0.000	24	6626	400.0	498.5	
71 Dibromomethane	93	6.036	6.044	-0.008	89	22802	20.0	18.8	
72 Dichlorobromomethane	83	6.192	6.184	0.008	100	47764	20.0	18.4	
73 2-Nitropropane	41	6.512	6.512	0.000	96	11621	40.0	25.4	
75 Epichlorohydrin	57	6.628	6.627	0.001	99	38812	400.0	248.9	
76 cis-1,3-Dichloropropene	75	6.677	6.677	0.000	93	51652	20.0	16.7	
77 4-Methyl-2-pentanone (MIBK	43	6.833	6.833	0.000	97	175554	100.0	108.4	
$ 78 Toluene-d8 (Surr)	98	6.915	6.915	0.000	99	198723	50.0	48.4	
79 Toluene	91	6.997	6.997	0.000	93	165213	20.0	18.4	
80 trans-1,3-Dichloropropene	75	7.351	7.350	0.001	96	43127	20.0	16.7	
81 Ethyl methacrylate	69	7.367	7.375	-0.008	89	42492	20.0	16.5	
82 1,1,2-Trichloroethane	83	7.564	7.564	0.000	95	26687	20.0	19.9	
83 Tetrachloroethene	166	7.605	7.605	0.000	96	41598	20.0	19.7	
84 1,3-Dichloropropane	76	7.770	7.770	0.000	94	51204	20.0	18.6	
85 2-Hexanone	43	7.835	7.827	0.008	96	90927	100.0	102.6	
86 n-Butyl acetate	43	7.950	7.942	0.008	98	52116	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
87 Chlorodibromomethane	129	8.008	8.008	0.000	97	30375	20.0	15.7	
88 Ethylene Dibromide	107	8.164	8.164	0.000	99	27916	20.0	17.9	
* 89 Chlorobenzene-d5	117	8.706	8.706	0.000	86	130744	50.0	50.0	
90 Chlorobenzene	112	8.739	8.739	0.000	95	104177	20.0	19.0	
91 Ethylbenzene	106	8.838	8.838	0.000	98	61355	20.0	18.4	
92 1,1,1,2-Tetrachloroethane	131	8.863	8.862	0.001	95	39696	20.0	17.3	
93 m-Xylene & p-Xylene	106	8.994	8.994	0.000	0	75491	20.0	18.6	
94 n-Butyl acrylate	73	9.446	9.446	0.000	98	28334	20.0	17.0	
95 o-Xylene	106	9.454	9.454	0.000	94	80524	20.0	19.0	
96 Styrene	104	9.487	9.487	0.000	95	118074	20.0	18.2	
97 Amyl acetate (mixed isomer	43	9.668	9.668	0.000	91	61339	20.0	16.2	
98 Bromoform	173	9.701	9.701	0.000	97	20166	20.0	15.8	
99 Isopropylbenzene	105	9.799	9.799	0.000	96	210216	20.0	19.2	
$ 100 4-Bromofluorobenzene	174	9.988	9.988	0.000	90	63686	50.0	49.8	
101 Bromobenzene	156	10.112	10.111	0.001	96	48544	20.0	18.3	
102 1,1,2,2-Tetrachloroethane	83	10.153	10.144	0.009	98	47394	20.0	19.2	
103 N-Propylbenzene	91	10.161	10.161	0.000	99	253984	20.0	18.9	
104 1,2,3-Trichloropropane	110	10.185	10.185	0.000	94	12896	20.0	16.7	
105 trans-1,4-Dichloro-2-buten	53	10.202	10.202	0.000	78	9149	20.0	15.3	
106 2-Chlorotoluene	91	10.259	10.259	0.000	91	174096	20.0	18.7	
107 4-Ethyltoluene	105	10.259	10.259	0.000	89	209966	20.0	18.2	
108 1,3,5-Trimethylbenzene	105	10.309	10.309	0.000	93	182795	20.0	18.1	
109 4-Chlorotoluene	91	10.350	10.350	0.000	96	148876	20.0	18.6	
110 Butyl Methacrylate	87	10.391	10.391	0.000	92	59126	20.0	16.4	
111 tert-Butylbenzene	119	10.547	10.547	0.000	95	133814	20.0	16.8	
112 1,2,4-Trimethylbenzene	105	10.596	10.596	0.000	97	188845	20.0	18.2	
113 sec-Butylbenzene	105	10.711	10.711	0.000	99	231140	20.0	18.3	
114 4-Isopropyltoluene	119	10.810	10.810	0.000	98	199795	20.0	17.7	
115 1,3-Dichlorobenzene	146	10.818	10.818	0.000	95	99433	20.0	18.3	
* 116 1,4-Dichlorobenzene-d4	152	10.876	10.867	0.009	93	81893	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.892	10.884	0.008	93	105979	20.0	18.8	
132 1,2,3-Trimethylbenzene	105	10.900	10.892	0.008	98	202985	20.0	18.3	
118 Benzyl chloride	91	10.991	10.991	0.000	98	78762	20.0	13.7	
119 2,3-Dihydroindene	117	11.032	11.032	0.000	94	207331	20.0	18.9	
120 p-Diethylbenzene	119	11.065	11.065	0.000	93	111953	20.0	17.8	
121 n-Butylbenzene	92	11.081	11.081	0.000	98	109294	20.0	18.4	
122 1,2-Dichlorobenzene	146	11.139	11.138	0.001	96	105392	20.0	19.2	
123 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	97	192928	20.0	17.5	
124 1,2-Dibromo-3-Chloropropan	75	11.623	11.623	0.000	93	9414	20.0	16.8	
125 1,3,5-Trichlorobenzene	180	11.706	11.705	0.001	97	83303	20.0	18.4	
126 1,2,4-Trichlorobenzene	180	12.108	12.108	0.000	94	76867	20.0	17.8	
127 Hexachlorobutadiene	225	12.166	12.166	0.000	94	30802	20.0	18.0	
128 Naphthalene	128	12.273	12.272	0.001	99	180172	20.0	17.7	
129 1,2,3-Trichlorobenzene	180	12.437	12.437	0.000	95	70024	20.0	17.5	
S 130 1,2-Dichloroethene, Total	100				0		40.0	42.6	
S 131 Xylenes, Total	100				0		40.0	37.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00307	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00095	Amount Added:	20.00	Units: uL	
ACROLEIN W_00088	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00020	Amount Added:	5.00	Units: uL	Run Reagent

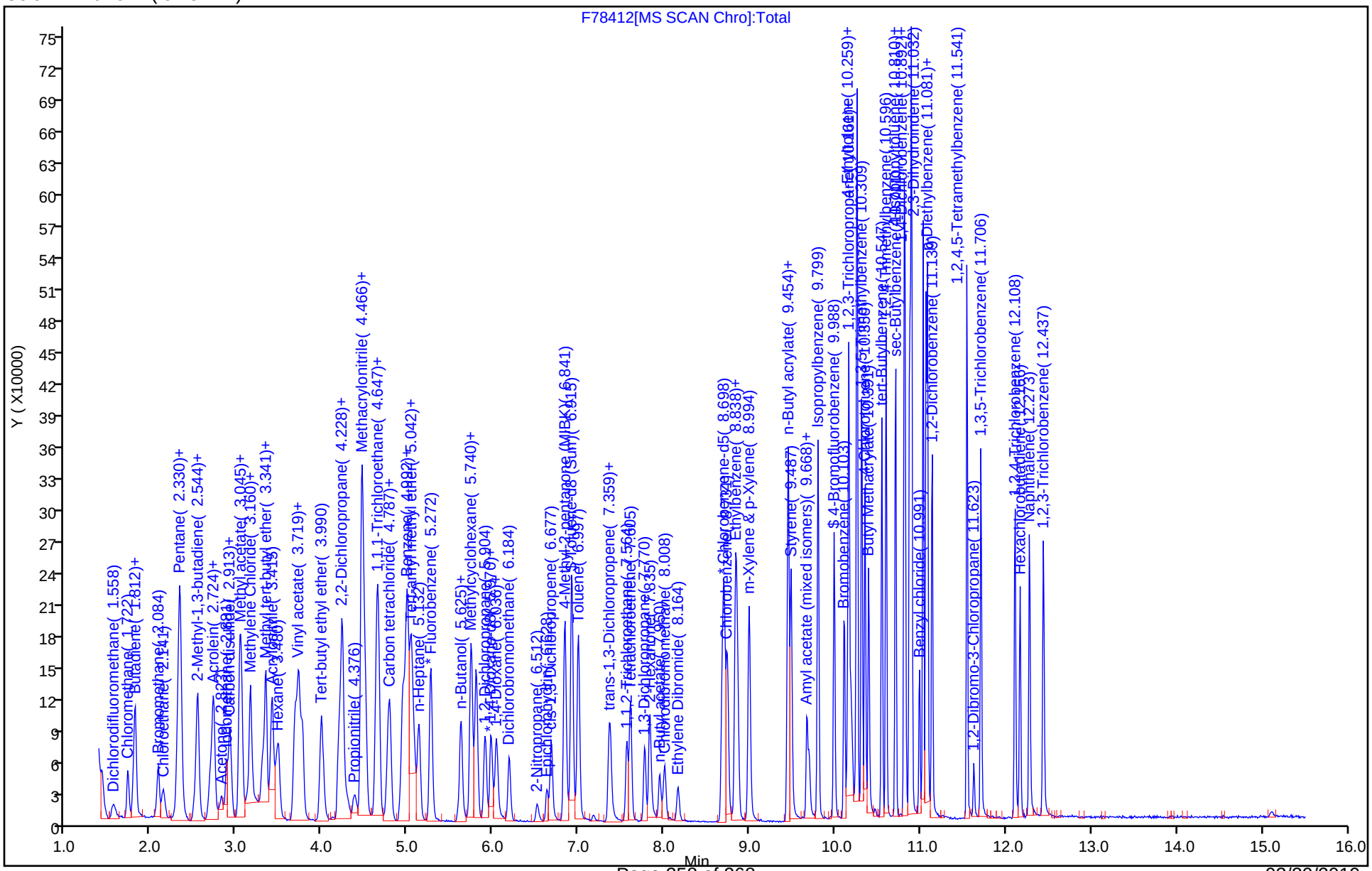
Report Date: 29-Mar-2019 11:13:23 Chrom Revision: 2.3 24-Mar-2019 20:11:04

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20190328-88627.b\F78412.D

Injection Date:	29-Mar-2019 06:44:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-177969-B-2 MSD			Worklist Smp#:	28
Client ID:	MWNL-01				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Instrument ID: CVOAMS6 Start Date: 03/14/2019 09:03

Analysis Batch Number: 595334 End Date: 03/14/2019 16:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-595334/1		03/14/2019 09:03	1	F77659.D	Rtx-624 0.25(mm)
STD7 460-595334/3 IC		03/14/2019 10:51	1	F77661.D	Rtx-624 0.25(mm)
STD1 460-595334/4 IC		03/14/2019 11:15	1	F77662.D	Rtx-624 0.25(mm)
STD5 460-595334/5 IC		03/14/2019 11:38	1	F77663.D	Rtx-624 0.25(mm)
STD20 460-595334/6 ICIS		03/14/2019 12:03	1	F77664.D	Rtx-624 0.25(mm)
STD50 460-595334/7 IC		03/14/2019 12:27	1	F77665.D	Rtx-624 0.25(mm)
STD200 460-595334/8 IC		03/14/2019 12:50	1	F77666.D	Rtx-624 0.25(mm)
STD500 460-595334/9 IC		03/14/2019 13:15	1	F77667.D	Rtx-624 0.25(mm)
ICV 460-595334/18		03/14/2019 16:52	1	F77676.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Instrument ID: CVOAMS6 Start Date: 03/28/2019 19:45

Analysis Batch Number: 598754 End Date: 03/29/2019 07:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-598754/1		03/28/2019 19:45	1	F78385.D	Rtx-624 0.25(mm)
CCVIS 460-598754/3		03/28/2019 20:37	1	F78387.D	Rtx-624 0.25(mm)
ZZZZZ		03/28/2019 21:02	1		Rtx-624 0.25(mm)
LCS 460-598754/5		03/28/2019 21:26	1	F78389.D	Rtx-624 0.25(mm)
MB 460-598754/8		03/28/2019 22:38	1	F78392.D	Rtx-624 0.25(mm)
ZZZZZ		03/28/2019 23:03	1		Rtx-624 0.25(mm)
ZZZZZ		03/28/2019 23:27	1		Rtx-624 0.25(mm)
ZZZZZ		03/28/2019 23:51	1		Rtx-624 0.25(mm)
ZZZZZ		03/29/2019 00:15	1		Rtx-624 0.25(mm)
ZZZZZ		03/29/2019 00:39	1		Rtx-624 0.25(mm)
ZZZZZ		03/29/2019 01:04	1		Rtx-624 0.25(mm)
ZZZZZ		03/29/2019 01:28	1		Rtx-624 0.25(mm)
ZZZZZ		03/29/2019 01:52	1		Rtx-624 0.25(mm)
ZZZZZ		03/29/2019 02:16	1		Rtx-624 0.25(mm)
ZZZZZ		03/29/2019 02:40	1		Rtx-624 0.25(mm)
ZZZZZ		03/29/2019 03:05	1		Rtx-624 0.25(mm)
ZZZZZ		03/29/2019 03:29	1		Rtx-624 0.25(mm)
ZZZZZ		03/29/2019 03:54	1		Rtx-624 0.25(mm)
460-178001-1		03/29/2019 04:18	1	F78406.D	Rtx-624 0.25(mm)
460-178001-2		03/29/2019 04:42	1	F78407.D	Rtx-624 0.25(mm)
460-178001-3		03/29/2019 05:07	1	F78408.D	Rtx-624 0.25(mm)
460-178001-4		03/29/2019 05:31	1	F78409.D	Rtx-624 0.25(mm)
460-178001-5		03/29/2019 05:56	1	F78410.D	Rtx-624 0.25(mm)
460-177969-B-2 MS		03/29/2019 06:20	1	F78411.D	Rtx-624 0.25(mm)
460-177969-B-2 MSD		03/29/2019 06:44	1	F78412.D	Rtx-624 0.25(mm)
ZZZZZ		03/29/2019 07:09	1		Rtx-624 0.25(mm)
ZZZZZ		03/29/2019 07:32	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Batch Number: 595334 Batch Start Date: 03/14/19 09:03 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00098	524freon 00003	8260 SP 00104	8260MIX1COMB 00095
BFB 460-595334/1		8260C		5 mL	5 mL				
STD7 460-595334/3 IC		8260C		5 mL	5 mL				
STD1 460-595334/4 IC		8260C		5 mL	5 mL	30 uL	10 uL		10 uL
STD5 460-595334/5 IC		8260C		5 mL	5 mL		10 uL		10 uL
STD20 460-595334/6 ICIS		8260C		5 mL	5 mL		20 uL		20 uL
STD50 460-595334/7 IC		8260C		5 mL	5 mL		50 uL		50 uL
STD200 460-595334/8 IC		8260C		5 mL	5 mL				
STD500 460-595334/9 IC		8260C		5 mL	5 mL				
ICV 460-595334/18		8260C		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00001	ACROLEIN SP 00097	ACROLEIN W 00088	ACRY/EPIH MIX 00059	BFB 00020	Ethanol mix 00026
BFB 460-595334/1		8260C						1 uL	
STD7 460-595334/3 IC		8260C					20 uL		
STD1 460-595334/4 IC		8260C				4 uL			
STD5 460-595334/5 IC		8260C				4 uL			
STD20 460-595334/6 ICIS		8260C				4 uL			
STD50 460-595334/7 IC		8260C				10 uL			
STD200 460-595334/8 IC		8260C		20 uL		20 uL			20 uL
STD500 460-595334/9 IC		8260C		50 uL		40 uL			50 uL
ICV 460-595334/18		8260C			4 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Batch Number: 595334 Batch Start Date: 03/14/19 09:03 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS C SP 00294	GAS Hi 00297	GASES Li 00305	MIX 2 Hi 00081	MIX I Hi 00104	VOA6IS/SURR 00020
BFB 460-595334/1		8260C							
STD7 460-595334/3 IC		8260C				2.5 uL			5 uL
STD1 460-595334/4 IC		8260C				10 uL			5 uL
STD5 460-595334/5 IC		8260C				10 uL			5 uL
STD20 460-595334/6 ICIS		8260C				20 uL			5 uL
STD50 460-595334/7 IC		8260C				50 uL			5 uL
STD200 460-595334/8 IC		8260C			20 uL		20 uL	20 uL	5 uL
STD500 460-595334/9 IC		8260C			50 uL		50 uL	50 uL	5 uL
ICV 460-595334/18		8260C		20 uL					5 uL

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Batch Number: 598754 Batch Start Date: 03/28/19 19:45 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260MIX1COMB 00095	ACROLEIN W 00088	BFB 00020	GASES Li 00307
BFB 460-598754/1		8260C		5 mL	5 mL			1 uL	
CCVIS 460-598754/3		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
LCS 460-598754/5		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
MB 460-598754/8		8260C		5 mL	5 mL				
460-178001-B-1	K710-MW-2	8260C	T	5 mL	5 mL				
460-178001-B-2	K710-MW-1	8260C	T	5 mL	5 mL				
460-178001-B-3	K710-DUP-03252019	8260C	T	5 mL	5 mL				
460-178001-B-4	K710-EB-03252019	8260C	T	5 mL	5 mL				
460-178001-B-5	K710-TB-03252019	8260C	T	5 mL	5 mL				
460-177969-B-2 MS	MWNL-01	8260C	T	5 mL	5 mL	20 uL	4 uL		20 uL
460-177969-B-2 MSD	MWNL-01	8260C	T	5 mL	5 mL	20 uL	4 uL		20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00020					
BFB 460-598754/1		8260C							
CCVIS 460-598754/3		8260C		5 uL					
LCS 460-598754/5		8260C		5 uL					
MB 460-598754/8		8260C		5 uL					
460-178001-B-1	K710-MW-2	8260C	T	5 uL					
460-178001-B-2	K710-MW-1	8260C	T	5 uL					
460-178001-B-3	K710-DUP-03252019	8260C	T	5 uL					
460-178001-B-4	K710-EB-03252019	8260C	T	5 uL					
460-178001-B-5	K710-TB-03252019	8260C	T	5 uL					
460-177969-B-2 MS	MWNL-01	8260C	T	5 uL					
460-177969-B-2 MSD	MWNL-01	8260C	T	5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-178001-1

SDG No.:

Batch Number: 598754 Batch Start Date: 03/28/19 19:45 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260C Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 01 of 01

Name (for report and invoice) TRC Engineers Inc	Samplers Name (Printed) Sanjay & Jonathan	Site/Project Identification K710 - 168 87th St. Brklyn
Company 1430 Broadway	P. O. # 330553 - NYC-SCA	State (Location of site): NJ: ☐ NY: ☒ Other:
Address 10th Floor	Analysis Turnaround Time	Regulatory Program: NYSDEC ASP DKQP: ☐
City New York State NY	Standard ☒ 5 days	Sect B - EQIS - EDD
Phone 212 221 7822 Fax 212 221 7840	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No: Job No: 179001

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	Chlorinated VOCs	Sample Numbers
~~TRC~~ K710-MW-2	3/25/19	1010	GW	3	X	-1
~~TRC~~ ~~MW-101~~ K710-MW-1		1150	GW	3	X	-2
~~TRC~~ K710-DUP-03252019		1110	GW	3	X	-3
~~TRC~~ K710-EB-03252019		1035	AQ	3	X	-4
~~TRC~~ K710-TB-03252019	↓	—	AQ	3	X	-5

LO 3/25/19

5-Day RUSH

460-178001 Chain of Custody

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____ Soil: Water:

Special Instructions: ⊗ Chlorinated VOCs including TCE, cis 1,2 DCE, 1-1-DCE, PCE, CCl4, 1-1-1-TCA, VC, cond Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	TRC	03/25/19 1310	1)	T. U
Relinquished by 2)	Company T. U	Date / Time 3/25/19 19:00	Received by 2)	Company TAL 3/25/19 1900
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0715)

Massachusetts (M-NJ312), North Carolina (No. 578) ⊗ Methylene Chloride, 1-1-dichloroethane, Trans 1-2 dichloroethene.

3. DF | 3. DF TRC

cc: jfso@trcsolutions.com ; Q's to Jonathan TSO 917-693-9227 ; NYCSCA Project

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 178001

Number of Coolers: 1 IR Gun #: 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	3.5 °C	3.0 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

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

Initials: _____ Date: 3/25/19

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 460-178001-1

Login Number: 178001
List Number: 1
Creator: Lysy, Susan

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Job Number: 460-183658-1

Job Description: K710 168 8th Street, Brooklyn, NY

For:
TRC Environmental Corporation
1430 Broadway, 10th FL
New York, NY 10018-3308

Attention: Lindsay O'Hara



Approved for release.
Allison L Bennett
Project Manager I
6/11/2019 4:10 PM

Designee for
Jannel O Franklin, Manager of Project Management Assistants
777 New Durham Road, Edison, NJ, 08817
(732)593-2551
jannel.franklin@testamericainc.com
06/11/2019

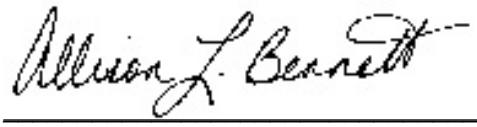
The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison 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 LAO00132

Job Number: 460-183658-1

Job Description: K710 168 8th Street, Brooklyn, NY

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



Approved for release.
Allison L Bennett
Project Manager I
6/11/2019 4:10 PM

Designee for
Jannel O Franklin

Table of Contents

Cover Title Page 1

Data Summaries 5

Report Narrative 5

Sample Summary 6

Detection Summary 7

Method Summary 8

Client Sample Results 9

Surrogate Summary 12

QC Sample Results 13

Definitions 15

QC Association 16

Chronicle 17

Certification Summary 18

Organic Sample Data 19

GC/MS VOA 19

8260C 19

8260C QC Summary 20

8260C Sample Data 28

Standards Data 55

8260C ICAL Data 55

8260C CCAL Data 270

Raw QC Data 283

8260C Tune Data 283

8260C Blank Data 291

8260C LCS/LCSD Data 294

8260C Run Logs 306

Table of Contents

8260C Prep Data 308

Shipping and Receiving Documents 310

Client Chain of Custody 311

Sample Receipt Checklist 313

CASE NARRATIVE

Client: TRC Environmental Corporation

Project: K710 168 8th Street, Brooklyn, NY

Report Number: 460-183658-1

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

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

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

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

RECEIPT

The samples were received on 6/5/2019 7:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

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

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples K710-MW-1 (460-183658-1), K710-DUP-06052019 (460-183658-2), K710-MW-2 (460-183658-3), K710-EB-06052019 (460-183658-4) and K710-TB-06052019 (460-183658-5) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 06/09/2019.

The continuing calibration verification (CCV) associated with batch 460-616070 recovered outside acceptance criteria, low biased, for Carbon tetrachloride. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: TRC Environmental Corporation
Job ID: 460-183658-1
Project/Site: K710 168 8th Street, Brooklyn, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-183658-1	K710-MW-1	Water	06/05/19 14:40	06/05/19 19:20	
460-183658-2	K710-DUP-06052019	Water	06/05/19 15:40	06/05/19 19:20	
460-183658-3	K710-MW-2	Water	06/05/19 13:00	06/05/19 19:20	
460-183658-4	K710-EB-06052019	Water	06/05/19 10:50	06/05/19 19:20	
460-183658-5	K710-TB-06052019	Water	06/05/19 00:00	06/05/19 19:20	

Detection Summary

Client: TRC Environmental Corporation
Job ID: 460-183658-1
Project/Site: K710 168 8th Street, Brooklyn, NY

Client Sample ID: K710-MW-1 — Lab Sample ID: 460-183658-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.32	J	1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.1		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	1.4		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: K710-DUP-06052019 — Lab Sample ID: 460-183658-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.37	J	1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.1		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	1.6		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: K710-MW-2 — Lab Sample ID: 460-183658-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.0		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	1.7		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: K710-EB-06052019 — Lab Sample ID: 460-183658-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.43	J	1.0	0.32	ug/L	1		8260C	Total/NA

Client Sample ID: K710-TB-06052019 — Lab Sample ID: 460-183658-5

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Job ID: 460-183658-1
Project/Site: K710 168 8th Street, Brooklyn, NY

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: K710-MW-1
Lab Sample ID: 460-183658-1
Date Collected: 06/05/19 14:40
Matrix: Water
Date Received: 06/05/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/09/19 19:32	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/09/19 19:32	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/09/19 19:32	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/09/19 19:32	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/09/19 19:32	1
cis-1,2-Dichloroethene	**0.32**	**J**	1.0	0.22	ug/L			06/09/19 19:32	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			06/09/19 19:32	1
Tetrachloroethene	**1.1**		1.0	0.25	ug/L			06/09/19 19:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/09/19 19:32	1
Trichloroethene	**1.4**		1.0	0.31	ug/L			06/09/19 19:32	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			06/09/19 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*74 - 132*		*06/09/19 19:32*	*1*
4-Bromofluorobenzene	*91*		*77 - 124*		*06/09/19 19:32*	*1*
Dibromofluoromethane (Surr)	*94*		*72 - 131*		*06/09/19 19:32*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*06/09/19 19:32*	*1*

Client Sample ID: K710-DUP-06052019
Lab Sample ID: 460-183658-2
Date Collected: 06/05/19 15:40
Matrix: Water
Date Received: 06/05/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/09/19 19:54	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/09/19 19:54	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/09/19 19:54	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/09/19 19:54	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/09/19 19:54	1
cis-1,2-Dichloroethene	**0.37**	**J**	1.0	0.22	ug/L			06/09/19 19:54	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			06/09/19 19:54	1
Tetrachloroethene	**1.1**		1.0	0.25	ug/L			06/09/19 19:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/09/19 19:54	1
Trichloroethene	**1.6**		1.0	0.31	ug/L			06/09/19 19:54	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			06/09/19 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*74 - 132*		*06/09/19 19:54*	*1*
4-Bromofluorobenzene	*90*		*77 - 124*		*06/09/19 19:54*	*1*
Dibromofluoromethane (Surr)	*94*		*72 - 131*		*06/09/19 19:54*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*06/09/19 19:54*	*1*

Client Sample ID: K710-MW-2
Lab Sample ID: 460-183658-3
Date Collected: 06/05/19 13:00
Matrix: Water
Date Received: 06/05/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/09/19 20:16	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/09/19 20:16	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/09/19 20:16	1

Client Sample ID: K710-MW-2
Lab Sample ID: 460-183658-3
Date Collected: 06/05/19 13:00
Matrix: Water
Date Received: 06/05/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/09/19 20:16	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/09/19 20:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			06/09/19 20:16	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			06/09/19 20:16	1
Tetrachloroethene	**1.0**		1.0	0.25	ug/L			06/09/19 20:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/09/19 20:16	1
Trichloroethene	**1.7**		1.0	0.31	ug/L			06/09/19 20:16	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			06/09/19 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*74 - 132*		*06/09/19 20:16*	*1*
4-Bromofluorobenzene	*91*		*77 - 124*		*06/09/19 20:16*	*1*
Dibromofluoromethane (Surr)	*95*		*72 - 131*		*06/09/19 20:16*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*06/09/19 20:16*	*1*

Client Sample ID: K710-EB-06052019
Lab Sample ID: 460-183658-4
Date Collected: 06/05/19 10:50
Matrix: Water
Date Received: 06/05/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/09/19 16:56	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/09/19 16:56	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/09/19 16:56	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/09/19 16:56	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/09/19 16:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			06/09/19 16:56	1
Methylene Chloride	**0.43**	**J**	1.0	0.32	ug/L			06/09/19 16:56	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			06/09/19 16:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/09/19 16:56	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			06/09/19 16:56	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			06/09/19 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*74 - 132*		*06/09/19 16:56*	*1*
4-Bromofluorobenzene	*96*		*77 - 124*		*06/09/19 16:56*	*1*
Dibromofluoromethane (Surr)	*100*		*72 - 131*		*06/09/19 16:56*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*06/09/19 16:56*	*1*

Client Sample ID: K710-TB-06052019
Lab Sample ID: 460-183658-5
Date Collected: 06/05/19 00:00
Matrix: Water
Date Received: 06/05/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/09/19 17:40	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/09/19 17:40	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/09/19 17:40	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/09/19 17:40	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/09/19 17:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			06/09/19 17:40	1

Client Sample ID: K710-TB-06052019
Lab Sample ID: 460-183658-5

Date Collected: 06/05/19 00:00
Matrix: Water
Date Received: 06/05/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.32	ug/L			06/09/19 17:40	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			06/09/19 17:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/09/19 17:40	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			06/09/19 17:40	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			06/09/19 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*74 - 132*		*06/09/19 17:40*	*1*
4-Bromofluorobenzene	*90*		*77 - 124*		*06/09/19 17:40*	*1*
Dibromofluoromethane (Surr)	*93*		*72 - 131*		*06/09/19 17:40*	*1*
Toluene-d8 (Surr)	*111*		*80 - 120*		*06/09/19 17:40*	*1*

Surrogate Summary

Client: TRC Environmental Corporation
Job ID: 460-183658-1
Project/Site: K710 168 8th Street, Brooklyn, NY

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(74-132)	(77-124)	(72-131)	(80-120)
460-183658-1	K710-MW-1	104	91	94	107
460-183658-2	K710-DUP-06052019	105	90	94	107
460-183658-3	K710-MW-2	103	91	95	107
460-183658-4	K710-EB-06052019	112	96	100	109
460-183658-5	K710-TB-06052019	107	90	93	111
LCS 460-616070/4	Lab Control Sample	106	97	99	109
LCSD 460-616070/5	Lab Control Sample Dup	111	98	101	103
MB 460-616070/9	Method Blank	108	92	95	107

Surrogate Legend

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

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

Lab Sample ID: MB 460-616070/9
Matrix: Water
Analysis Batch: 616070

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/09/19 16:33	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/09/19 16:33	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/09/19 16:33	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/09/19 16:33	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/09/19 16:33	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			06/09/19 16:33	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			06/09/19 16:33	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			06/09/19 16:33	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/09/19 16:33	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			06/09/19 16:33	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			06/09/19 16:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*74 - 132*		*06/09/19 16:33*	*1*
4-Bromofluorobenzene	*92*		*77 - 124*		*06/09/19 16:33*	*1*
Dibromofluoromethane (Surr)	*95*		*72 - 131*		*06/09/19 16:33*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*06/09/19 16:33*	*1*

Lab Sample ID: LCS 460-616070/4
Matrix: Water
Analysis Batch: 616070

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	17.3		ug/L		87	75 - 125
1,1-Dichloroethane	20.0	20.5		ug/L		102	77 - 123
1,1-Dichloroethene	20.0	17.6		ug/L		88	74 - 123
Carbon tetrachloride	20.0	15.4		ug/L		77	70 - 132
Chloromethane	20.0	15.3		ug/L		77	56 - 131
cis-1,2-Dichloroethene	20.0	18.5		ug/L		93	80 - 120
Methylene Chloride	20.0	18.4		ug/L		92	77 - 123
Tetrachloroethene	20.0	17.6		ug/L		88	78 - 122
trans-1,2-Dichloroethene	20.0	18.2		ug/L		91	79 - 120
Trichloroethene	20.0	17.8		ug/L		89	77 - 120
Vinyl chloride	20.0	18.3		ug/L		92	62 - 138

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*74 - 132*
4-Bromofluorobenzene	*97*		*77 - 124*
Dibromofluoromethane (Surr)	*99*		*72 - 131*
Toluene-d8 (Surr)	*109*		*80 - 120*

Lab Sample ID: LCSD 460-616070/5
Matrix: Water
Analysis Batch: 616070

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	17.5		ug/L		87	75 - 125	1	30
1,1-Dichloroethane	20.0	20.1		ug/L		100	77 - 123	2	30

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

Lab Sample ID: LCSD 460-616070/5
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 616070

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			20.0	17.7		ug/L		89	74 - 123	1	30
Carbon tetrachloride			20.0	15.8		ug/L		79	70 - 132	2	30
Chloromethane			20.0	17.5		ug/L		87	56 - 131	13	30
cis-1,2-Dichloroethene			20.0	18.3		ug/L		91	80 - 120	1	30
Methylene Chloride			20.0	18.3		ug/L		92	77 - 123	0	30
Tetrachloroethene			20.0	17.4		ug/L		87	78 - 122	2	30
trans-1,2-Dichloroethene			20.0	18.2		ug/L		91	79 - 120	0	30
Trichloroethene			20.0	17.1		ug/L		85	77 - 120	4	30
Vinyl chloride			20.0	18.4		ug/L		92	62 - 138	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*74 - 132*
4-Bromofluorobenzene	*98*		*77 - 124*
Dibromofluoromethane (Surr)	*101*		*72 - 131*
Toluene-d8 (Surr)	*103*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
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: TRC Environmental Corporation
Job ID: 460-183658-1
Project/Site: K710 168 8th Street, Brooklyn, NY

GC/MS VOA

Analysis Batch: 616070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-183658-1	K710-MW-1	Total/NA	Water	8260C	
460-183658-2	K710-DUP-06052019	Total/NA	Water	8260C	
460-183658-3	K710-MW-2	Total/NA	Water	8260C	
460-183658-4	K710-EB-06052019	Total/NA	Water	8260C	
460-183658-5	K710-TB-06052019	Total/NA	Water	8260C	
MB 460-616070/9	Method Blank	Total/NA	Water	8260C	
LCS 460-616070/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-616070/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Lab Chronicle

Client: TRC Environmental Corporation
Job ID: 460-183658-1
Project/Site: K710 168 8th Street, Brooklyn, NY

Client Sample ID: K710-MW-1
Lab Sample ID: 460-183658-1
Date Collected: 06/05/19 14:40
Matrix: Water
Date Received: 06/05/19 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	616070	06/09/19 19:32	VBP	TAL EDI

Client Sample ID: K710-DUP-06052019
Lab Sample ID: 460-183658-2
Date Collected: 06/05/19 15:40
Matrix: Water
Date Received: 06/05/19 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	616070	06/09/19 19:54	VBP	TAL EDI

Client Sample ID: K710-MW-2
Lab Sample ID: 460-183658-3
Date Collected: 06/05/19 13:00
Matrix: Water
Date Received: 06/05/19 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	616070	06/09/19 20:16	VBP	TAL EDI

Client Sample ID: K710-EB-06052019
Lab Sample ID: 460-183658-4
Date Collected: 06/05/19 10:50
Matrix: Water
Date Received: 06/05/19 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	616070	06/09/19 16:56	VBP	TAL EDI

Client Sample ID: K710-TB-06052019
Lab Sample ID: 460-183658-5
Date Collected: 06/05/19 00:00
Matrix: Water
Date Received: 06/05/19 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	616070	06/09/19 17:40	VBP	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Job ID: 460-183658-1
Project/Site: K710 168 8th Street, Brooklyn, NY

Laboratory: Eurofins TestAmerica, Edison

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

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

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

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 #
K710-MW-1	460-183658-1	94	104	107	91
K710-DUP-06052019	460-183658-2	94	105	107	90
K710-MW-2	460-183658-3	95	103	107	91
K710-EB-06052019	460-183658-4	100	112	109	96
K710-TB-06052019	460-183658-5	93	107	111	90
	MB 460-616070/9	95	108	107	92
	LCS 460-616070/4	99	106	109	97
	LCSD 460-616070/5	101	111	103	98

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

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N92194.D

Lab ID: LCS 460-616070/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.3	87	75-125	
1,1-Dichloroethane	20.0	20.5	102	77-123	
1,1-Dichloroethene	20.0	17.6	88	74-123	
Carbon tetrachloride	20.0	15.4	77	70-132	
Chloromethane	20.0	15.3	77	56-131	
cis-1,2-Dichloroethene	20.0	18.5	93	80-120	
Methylene Chloride	20.0	18.4	92	77-123	
Tetrachloroethene	20.0	17.6	88	78-122	
trans-1,2-Dichloroethene	20.0	18.2	91	79-120	
Trichloroethene	20.0	17.8	89	77-120	
Vinyl chloride	20.0	18.3	92	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N92195.D

Lab ID: LCSD 460-616070/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.5	87	1	30	75-125	
1,1-Dichloroethane	20.0	20.1	100	2	30	77-123	
1,1-Dichloroethene	20.0	17.7	89	1	30	74-123	
Carbon tetrachloride	20.0	15.8	79	2	30	70-132	
Chloromethane	20.0	17.5	87	13	30	56-131	
cis-1,2-Dichloroethene	20.0	18.3	91	1	30	80-120	
Methylene Chloride	20.0	18.3	92	0	30	77-123	
Tetrachloroethene	20.0	17.4	87	2	30	78-122	
trans-1,2-Dichloroethene	20.0	18.2	91	0	30	79-120	
Trichloroethene	20.0	17.1	85	4	30	77-120	
Vinyl chloride	20.0	18.4	92	0	30	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Lab File ID: N92199.D Lab Sample ID: MB 460-616070/9

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

Instrument ID: CVOAMS11 Date Analyzed: 06/09/2019 16:33

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 460-616070/4	N92194.D	06/09/2019 14:42
	LCSD 460-616070/5	N92195.D	06/09/2019 15:04
K710-EB-06052019	460-183658-4	N92200.D	06/09/2019 16:56
K710-TB-06052019	460-183658-5	N92202.D	06/09/2019 17:40
K710-MW-1	460-183658-1	N92207.D	06/09/2019 19:32
K710-DUP-06052019	460-183658-2	N92208.D	06/09/2019 19:54
K710-MW-2	460-183658-3	N92209.D	06/09/2019 20:16

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Lab File ID: N91273.D BFB Injection Date: 05/21/2019

Instrument ID: CVOAMS11 BFB Injection Time: 17:25

Analysis Batch No.: 611714

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.4	
75	30.0 - 60.0 % of mass 95	48.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	97.9	
175	5.0 - 9.0 % of mass 174	6.5	(6.6) 1
176	95.0 - 101.0 % of mass 174	95.3	(97.4) 1
177	5.0 - 9.0 % of mass 176	6.4	(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
	STD7 460-611714/3	N91275.D	05/21/2019	18:32
	STD5 460-611714/5	N91277.D	05/21/2019	19:16
	STD20 460-611714/6	N91278.D	05/21/2019	19:39
	STD50 460-611714/7	N91279.D	05/21/2019	20:01
	STD200 460-611714/8	N91280.D	05/21/2019	20:24
	STD500 460-611714/9	N91281.D	05/21/2019	20:46
	STD1 460-611714/17	N91289.D	05/22/2019	02:28

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Lab File ID: N92191.D BFB Injection Date: 06/09/2019

Instrument ID: CVOAMS11 BFB Injection Time: 13:35

Analysis Batch No.: 616070

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.3	
75	30.0 - 60.0 % of mass 95	53.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	85.9	
175	5.0 - 9.0 % of mass 174	5.6	(6.5) 1
176	95.0 - 101.0 % of mass 174	82.7	(96.3) 1
177	5.0 - 9.0 % of mass 176	5.4	(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 460-616070/3	N92193.D	06/09/2019	14:20
	LCS 460-616070/4	N92194.D	06/09/2019	14:42
	LCSD 460-616070/5	N92195.D	06/09/2019	15:04
	MB 460-616070/9	N92199.D	06/09/2019	16:33
K710-EB-06052019	460-183658-4	N92200.D	06/09/2019	16:56
K710-TB-06052019	460-183658-5	N92202.D	06/09/2019	17:40
K710-MW-1	460-183658-1	N92207.D	06/09/2019	19:32
K710-DUP-06052019	460-183658-2	N92208.D	06/09/2019	19:54
K710-MW-2	460-183658-3	N92209.D	06/09/2019	20:16

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Sample No.: CCVIS 460-616070/3 Date Analyzed: 06/09/2019 14:20

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N92193.D Heated Purge: (Y/N) N

Calibration ID: 74972

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		63226	2.21	70022	3.30	273029	3.90
UPPER LIMIT		126452	2.71	140044	3.80	546058	4.40
LOWER LIMIT		31613	1.71	35011	2.80	136515	3.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-616070/4		65960	2.21	73545	3.30	285562	3.91
LCSD 460-616070/5		65576	2.21	72339	3.30	280269	3.90
MB 460-616070/9		62260	2.22	73238	3.31	294948	3.91
460-183658-4	K710-EB-06052019	53706	2.21	65965	3.30	261614	3.90
460-183658-5	K710-TB-06052019	57549	2.21	65592	3.29	269195	3.90
460-183658-1	K710-MW-1	56434	2.21	65509	3.30	270457	3.90
460-183658-2	K710-DUP-06052019	56793	2.21	66047	3.30	265720	3.90
460-183658-3	K710-MW-2	54495	2.21	63724	3.29	261722	3.89

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

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Sample No.: CCVIS 460-616070/3 Date Analyzed: 06/09/2019 14:20

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N92193.D Heated Purge: (Y/N) N

Calibration ID: 74972

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		7034	4.79	265955	7.39	155761	10.29
UPPER LIMIT		14068	5.29	531910	7.89	311522	10.79
LOWER LIMIT		3517	4.29	132978	6.89	77881	9.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-616070/4		7800	4.80	265435	7.39	152675	10.29
LCSD 460-616070/5		7525	4.80	278855	7.39	159228	10.29
MB 460-616070/9		7682	4.81	275042	7.39	150533	10.29
460-183658-4	K710-EB-06052019	6328	4.80	258776	7.39	147629	10.29
460-183658-5	K710-TB-06052019	6606	4.80	249234	7.39	139683	10.29
460-183658-1	K710-MW-1	6598	4.80	252389	7.39	143595	10.29
460-183658-2	K710-DUP-06052019	6825	4.81	251719	7.39	139853	10.29
460-183658-3	K710-MW-2	5927	4.79	246756	7.39	138447	10.29

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Client Sample ID: K710-MW-1 Lab Sample ID: 460-183658-1

Matrix: Water Lab File ID: N92207.D

Analysis Method: 8260C Date Collected: 06/05/2019 14:40

Sample wt/vol: 5(mL) Date Analyzed: 06/09/2019 19:32

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.: 616070 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.32	J	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.4		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		74-132
460-00-4	4-Bromofluorobenzene	91		77-124
1868-53-7	Dibromofluoromethane (Surr)	94		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92207.D
Lims ID: 460-183658-A-1
Client ID: K710-MW-1
Sample Type: Client
Inject. Date: 09-Jun-2019 19:32:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-183658-A-1
Misc. Info.: 460-0092525-017
Operator ID: Instrument ID: CVOAMS11

Method: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Jun-2019 20:40:33 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: parekhv Date: 09-Jun-2019 22:30:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.214	2.208	0.006	40	56434	1000.0	
38 cis-1,2-Dichloroethene	96	2.889	2.889	0.000	53	607	0.3241	M
$ 47 Dibromofluoromethane (Surr	113	3.236	3.236	0.000	96	68602	46.8	
* 49 2-Butanone-d5	46	3.303	3.297	0.006	0	65509	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	98	67744	51.9	
* 61 Fluorobenzene	96	3.899	3.899	0.000	98	270457	50.0	
64 Trichloroethene	95	4.045	4.045	0.000	90	2861	1.40	
* 70 1,4-Dioxane-d8	96	4.800	4.794	0.006	30	6598	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	97	316925	53.4	
80 Tetrachloroethene	166	5.962	5.968	-0.006	90	2222	1.10	
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	88	252389	50.0	
$ 101 4-Bromofluorobenzene	174	9.107	9.107	0.000	92	94700	45.6	
* 117 1,4-Dichlorobenzene-d4	152	10.293	10.293	0.000	96	143595	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00128	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00198	Amount Added:	1.00	Units: uL	Run Reagent

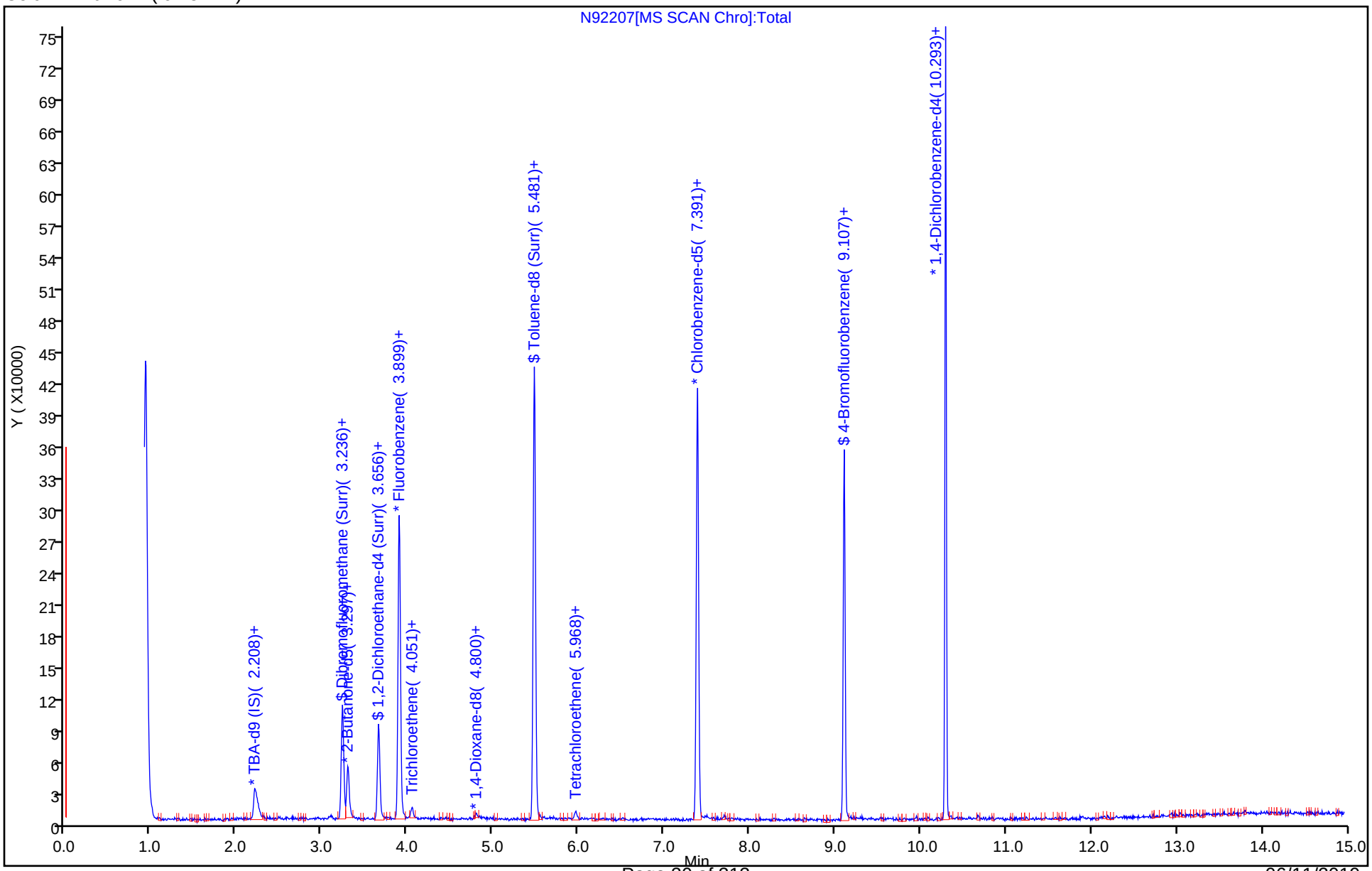
Report Date: 10-Jun-2019 20:40:33 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92207.D

Injection Date:	09-Jun-2019 19:32:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-183658-A-1	Lab Sample ID:	460-183658-1	Worklist Smp#:	17
Client ID:	K710-MW-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		

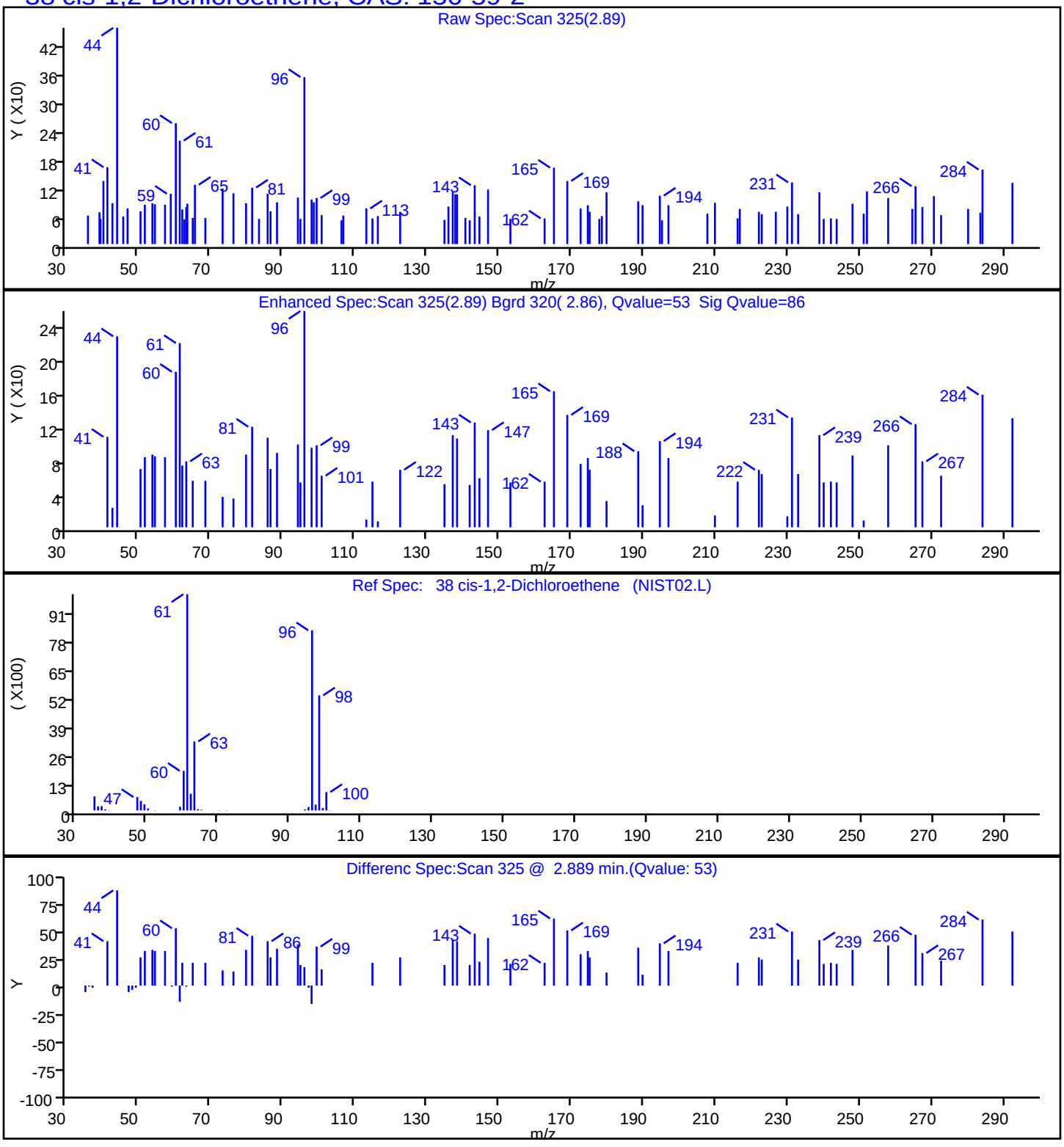
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92207.D				
Injection Date:	09-Jun-2019 19:32:30	Instrument ID:	CVOAMS11		
Lims ID:	460-183658-A-1	Lab Sample ID:	460-183658-1		
Client ID:	K710-MW-1				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

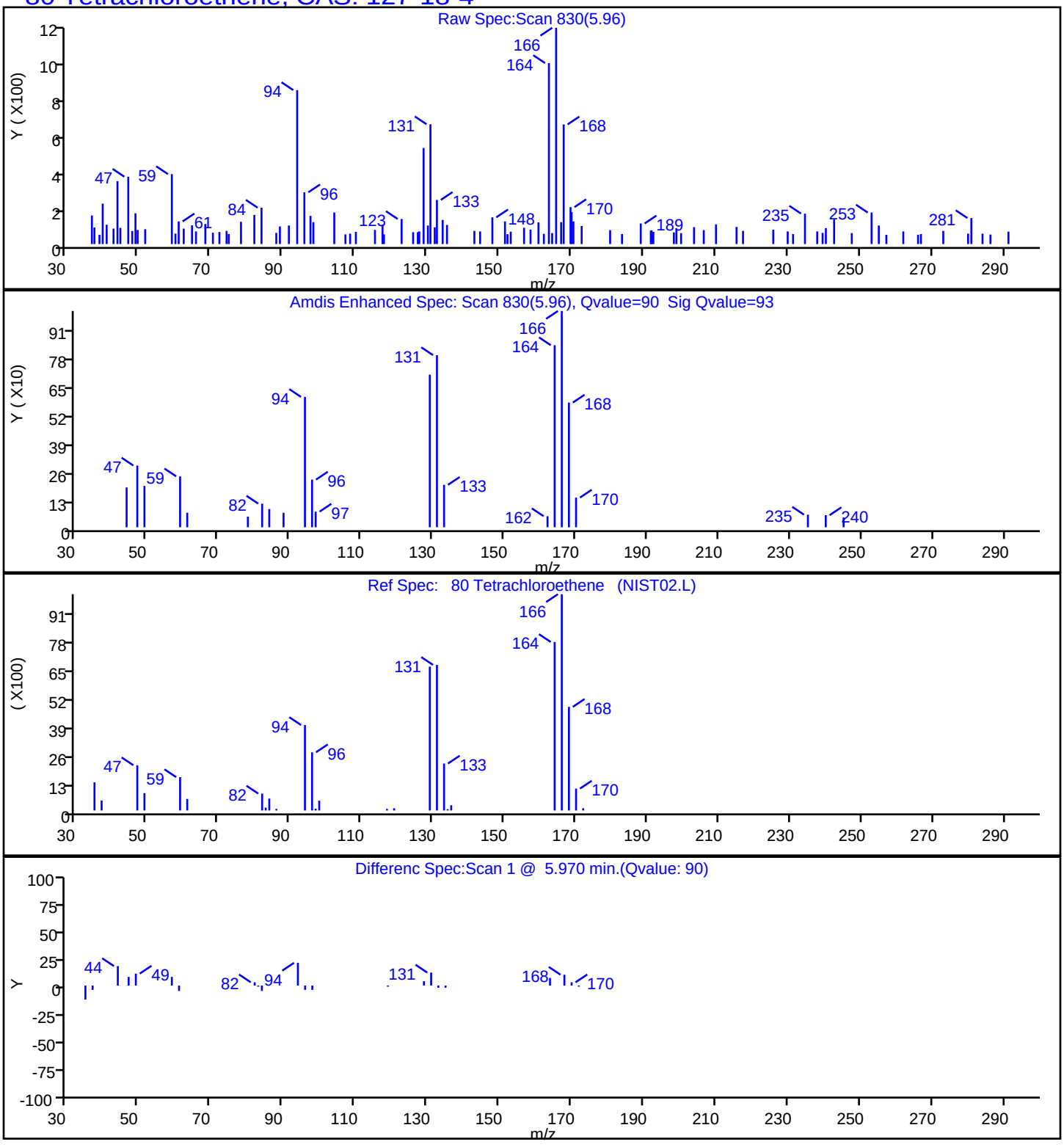
38 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92207.D		
Injection Date:	09-Jun-2019 19:32:30	Instrument ID:	CVOAMS11
Lims ID:	460-183658-A-1	Lab Sample ID:	460-183658-1
Client ID:	K710-MW-1		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

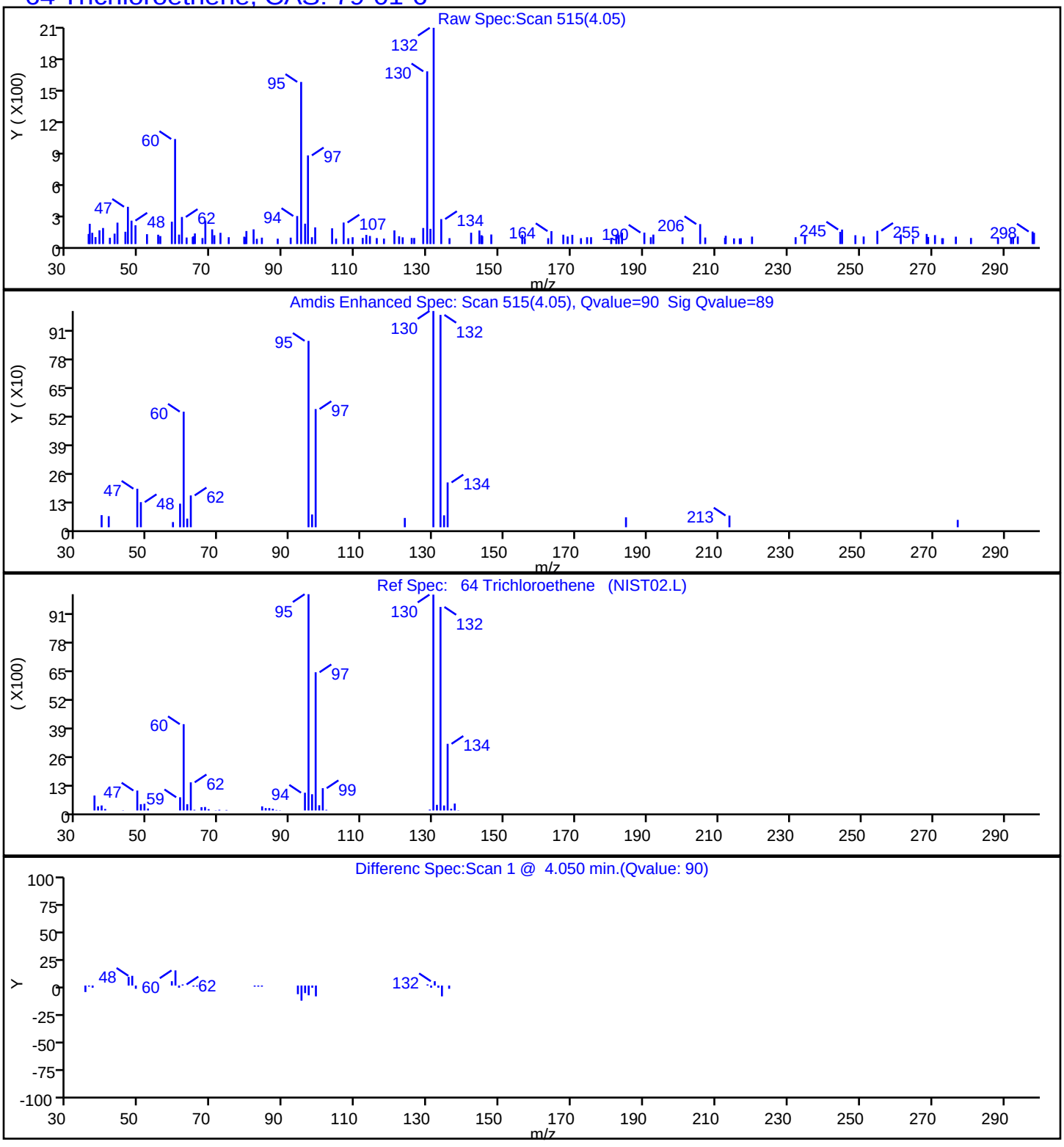
80 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92207.D		
Injection Date:	09-Jun-2019 19:32:30	Instrument ID:	CVOAMS11
Lims ID:	460-183658-A-1	Lab Sample ID:	460-183658-1
Client ID:	K710-MW-1		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

64 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

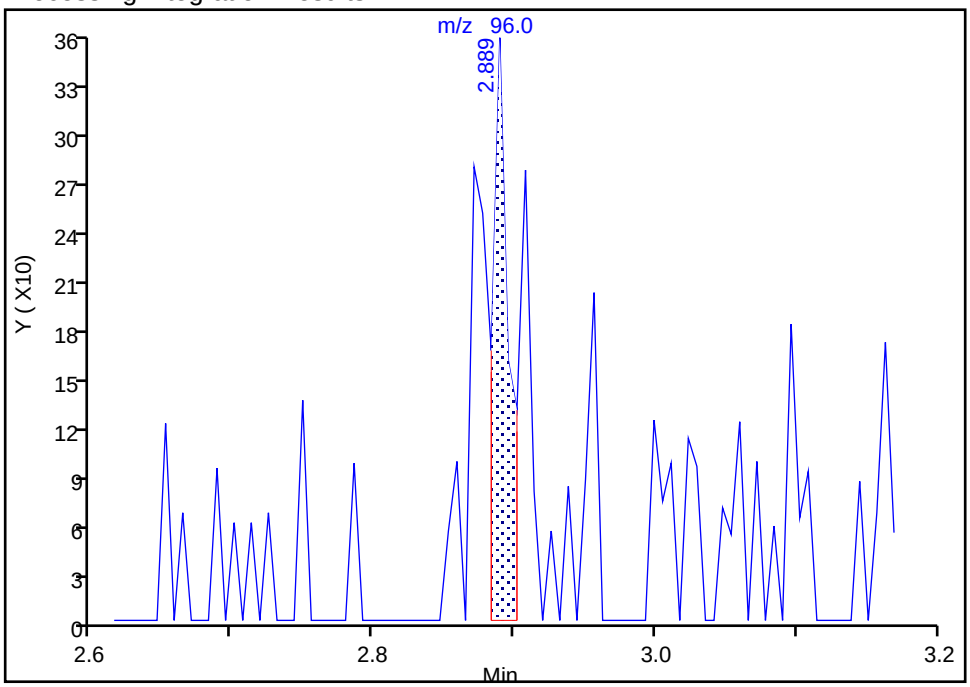
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92207.D		
Injection Date:	09-Jun-2019 19:32:30	Instrument ID:	CVOAMS11
Lims ID:	460-183658-A-1	Lab Sample ID:	460-183658-1
Client ID:	K710-MW-1		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

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

Signal: 1

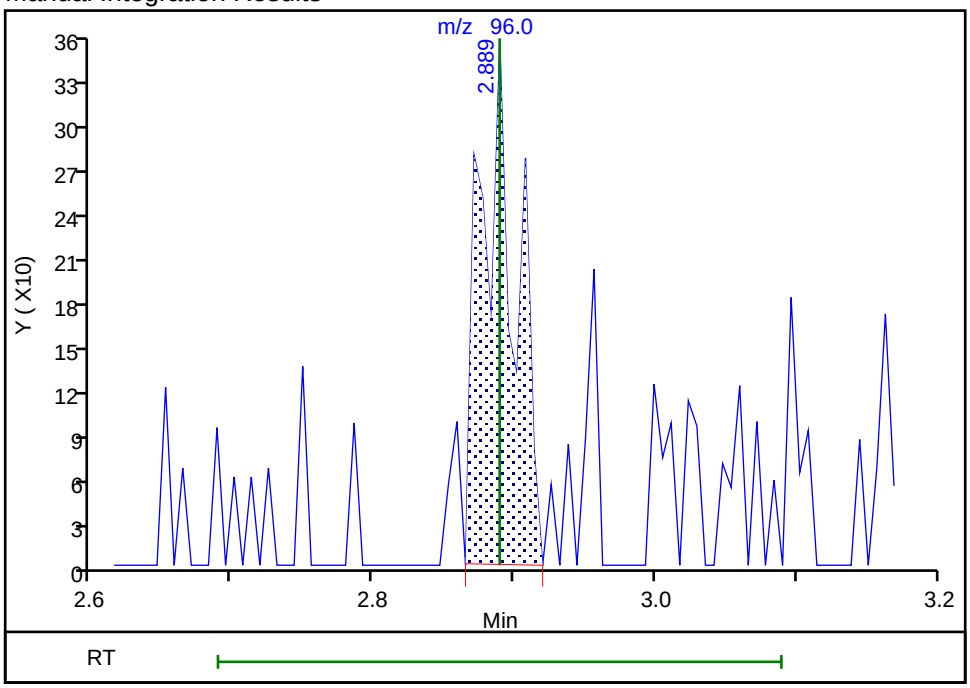
Processing Integration Results

RT: 2.89
Area: 292
Amount: 0.155909
Amount Units: ug/l



Manual Integration Results

RT: 2.89
Area: 607
Amount: 0.324099
Amount Units: ug/l



Reviewer: baronm, 10-Jun-2019 20:40:24

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Client Sample ID: K710-DUP-06052019 Lab Sample ID: 460-183658-2

Matrix: Water Lab File ID: N92208.D

Analysis Method: 8260C Date Collected: 06/05/2019 15:40

Sample wt/vol: 5(mL) Date Analyzed: 06/09/2019 19:54

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.: 616070 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.37	J	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.6		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	90		77-124
1868-53-7	Dibromofluoromethane (Surr)	94		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92208.D				
Lims ID:	460-183658-A-2				
Client ID:	K710-DUP-06052019				
Sample Type:	Client				
Inject. Date:	09-Jun-2019 19:54:30	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-183658-A-2				
Misc. Info.:	460-0092525-018				
Operator ID:		Instrument ID:	CVOAMS11		
Method:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\8260W_11.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	10-Jun-2019 20:40:09	Calib Date:	22-May-2019 02:28:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX0316				
First Level Reviewer: moroneyc		Date:	10-Jun-2019 06:23:33		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.214	2.208	0.006	39	56793	1000.0	
38 cis-1,2-Dichloroethene	96	2.896	2.889	0.007	18	676	0.3674	M
$ 47 Dibromofluoromethane (Surr	113	3.236	3.236	0.000	96	67523	46.9	
* 49 2-Butanone-d5	46	3.303	3.297	0.006	0	66047	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	99	67396	52.5	
* 61 Fluorobenzene	96	3.899	3.899	0.000	98	265720	50.0	
64 Trichloroethene	95	4.052	4.045	0.007	90	3277	1.63	
* 70 1,4-Dioxane-d8	96	4.806	4.794	0.012	30	6825	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	98	317423	53.6	
80 Tetrachloroethene	166	5.962	5.968	-0.006	93	2306	1.14	
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	88	251719	50.0	
$ 101 4-Bromofluorobenzene	174	9.107	9.107	0.000	90	93614	45.2	
* 117 1,4-Dichlorobenzene-d4	152	10.293	10.293	0.000	96	139853	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00128	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00198	Amount Added:	1.00	Units: uL	Run Reagent

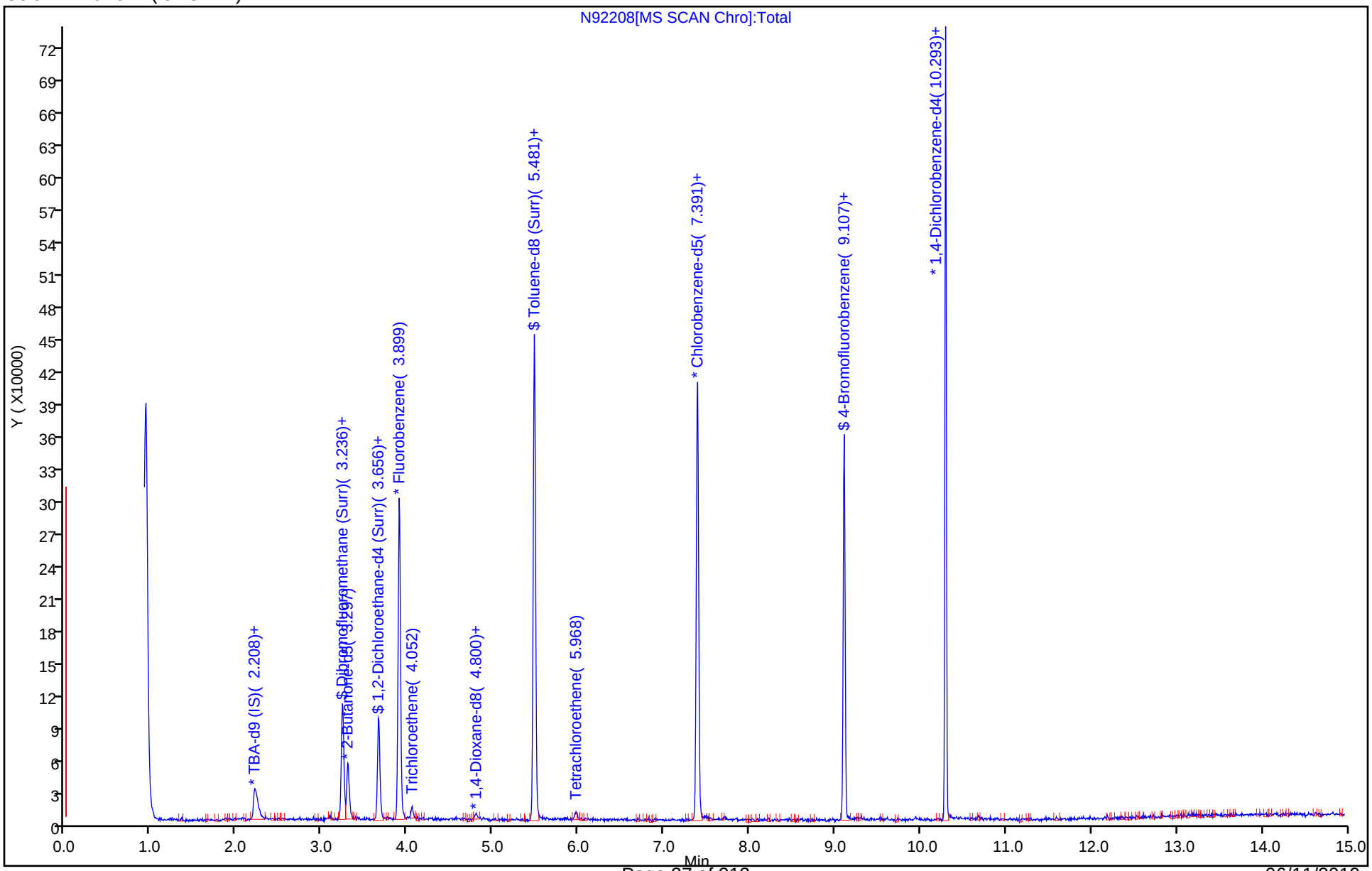
Report Date: 10-Jun-2019 20:40:10 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92208.D

Injection Date:	09-Jun-2019 19:54:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-183658-A-2	Lab Sample ID:	460-183658-2	Worklist Smp#:	18
Client ID:	K710-DUP-06052019				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		

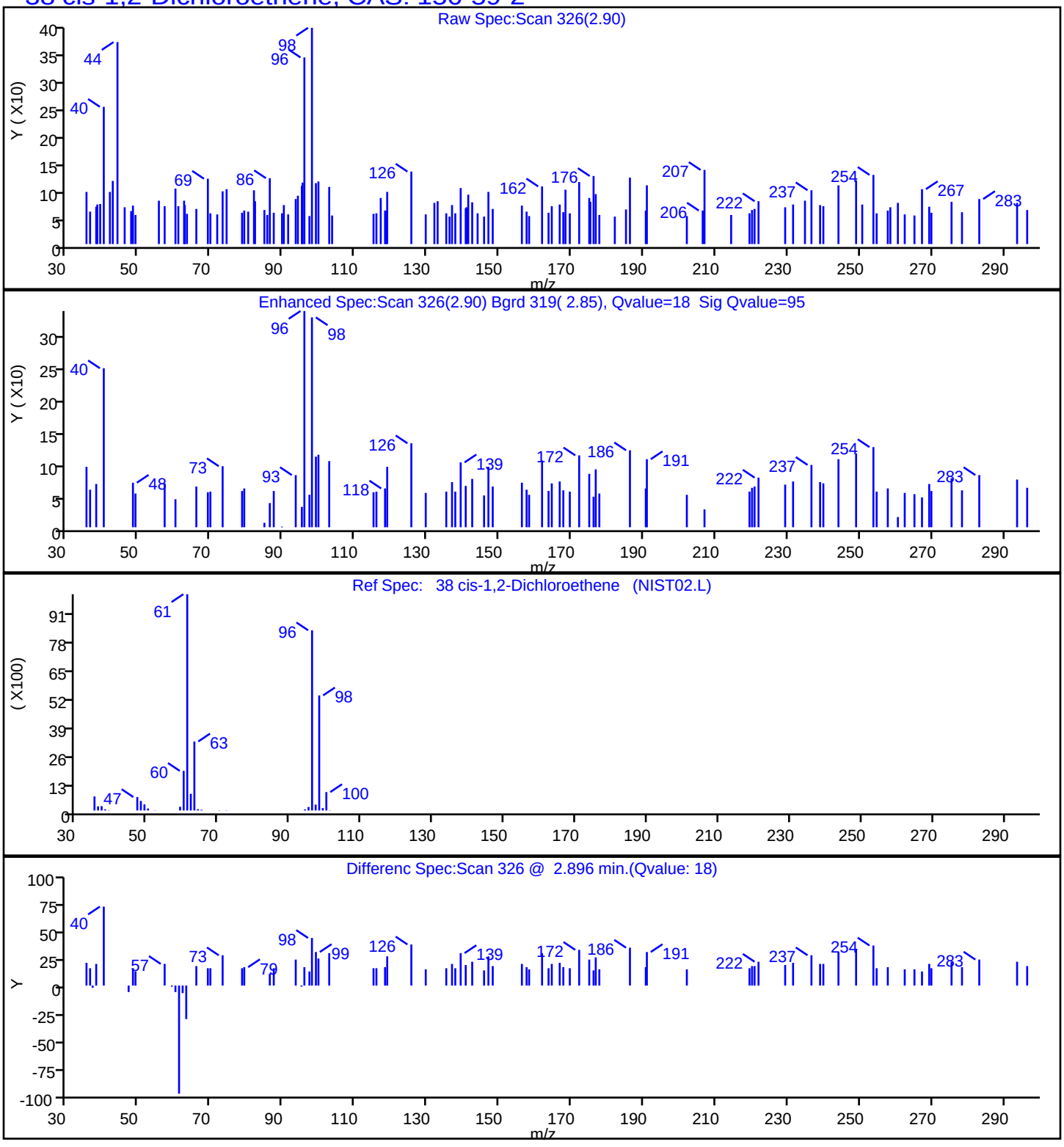
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92208.D				
Injection Date:	09-Jun-2019 19:54:30	Instrument ID:	CVOAMS11		
Lims ID:	460-183658-A-2	Lab Sample ID:	460-183658-2		
Client ID:	K710-DUP-06052019				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

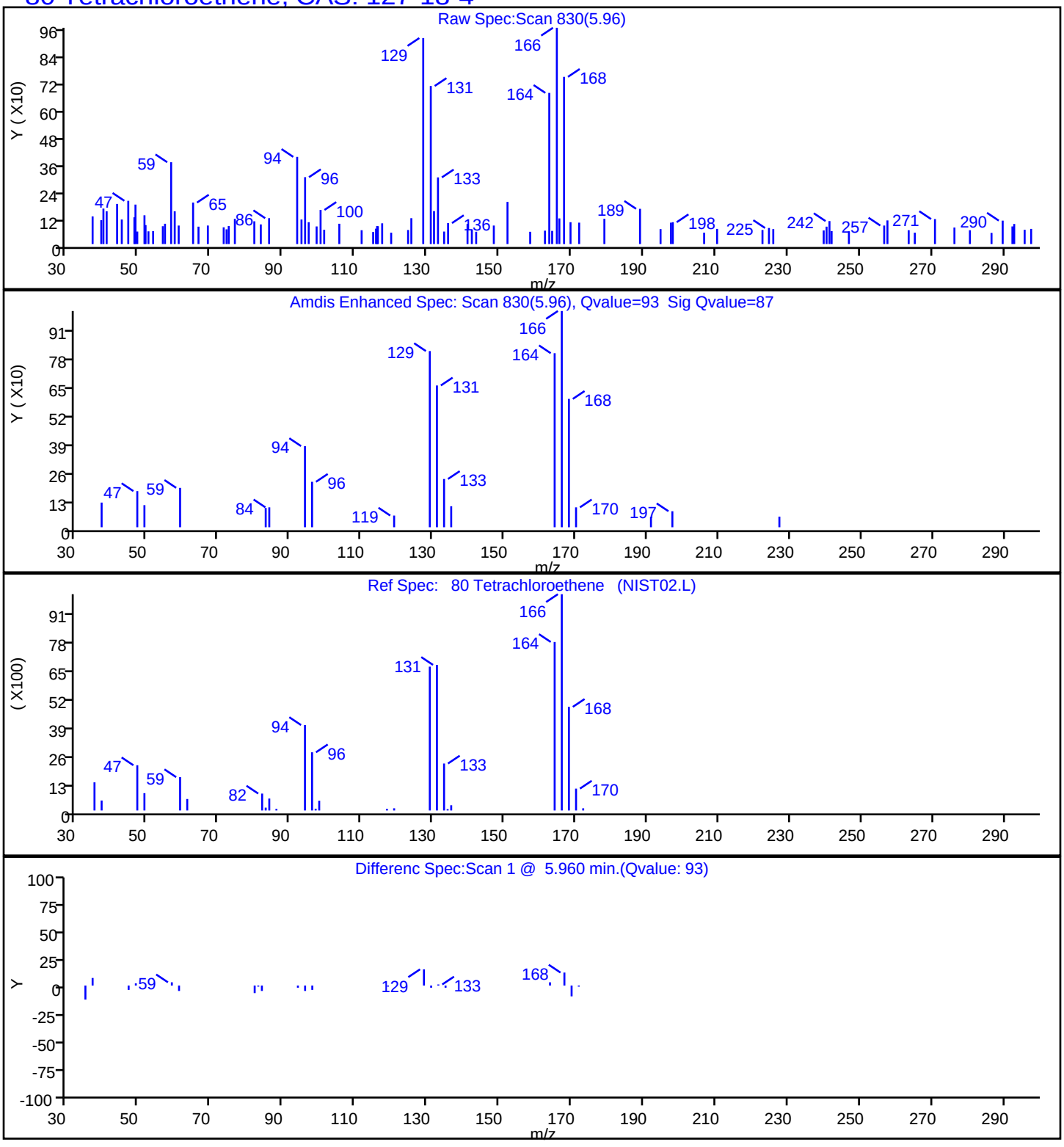
38 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92208.D				
Injection Date:	09-Jun-2019 19:54:30	Instrument ID:	CVOAMS11		
Lims ID:	460-183658-A-2	Lab Sample ID:	460-183658-2		
Client ID:	K710-DUP-06052019				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

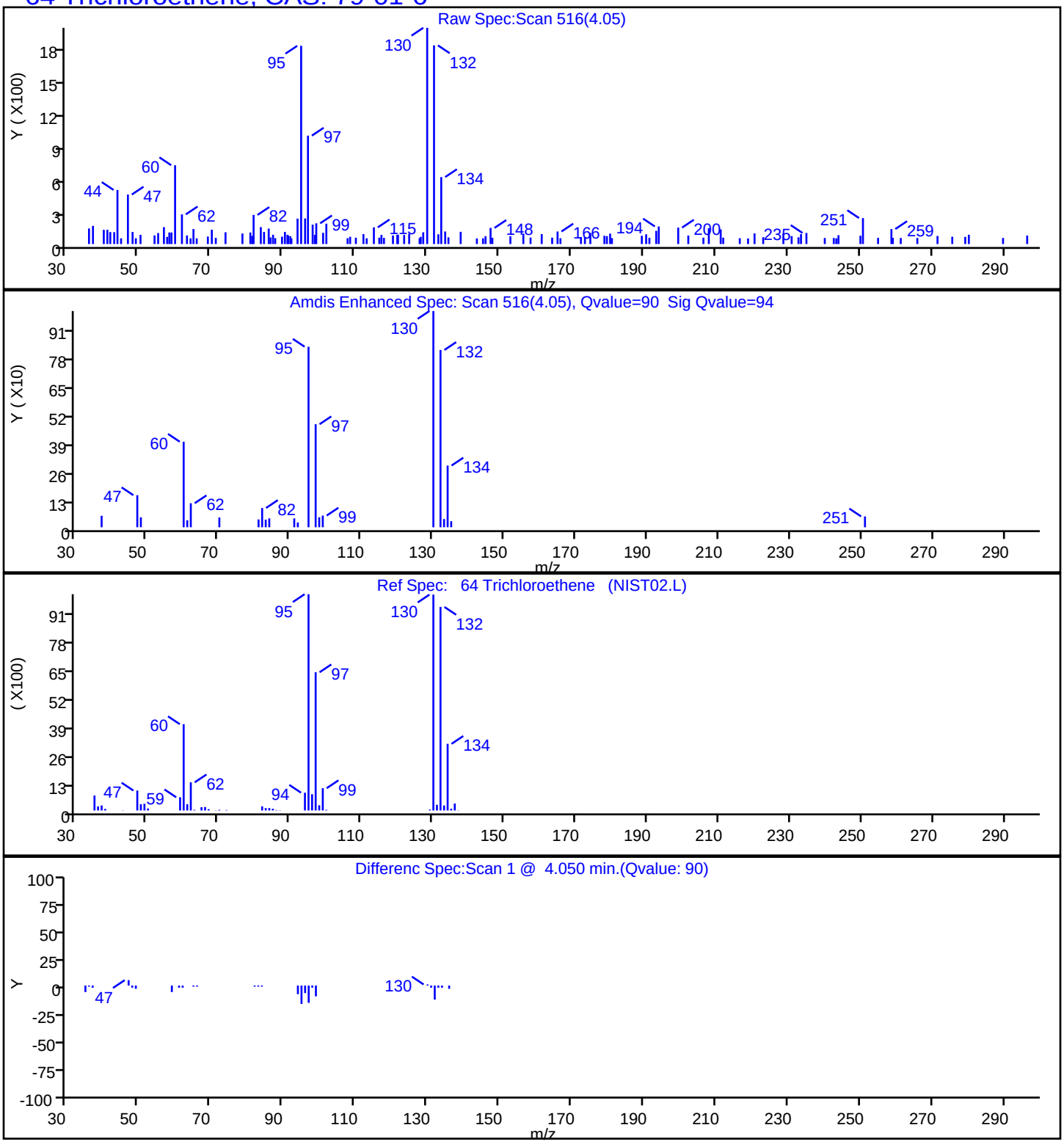
80 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92208.D		
Injection Date:	09-Jun-2019 19:54:30	Instrument ID:	CVOAMS11
Lims ID:	460-183658-A-2	Lab Sample ID:	460-183658-2
Client ID:	K710-DUP-06052019		
Operator ID:		ALS Bottle#:	17 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

64 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

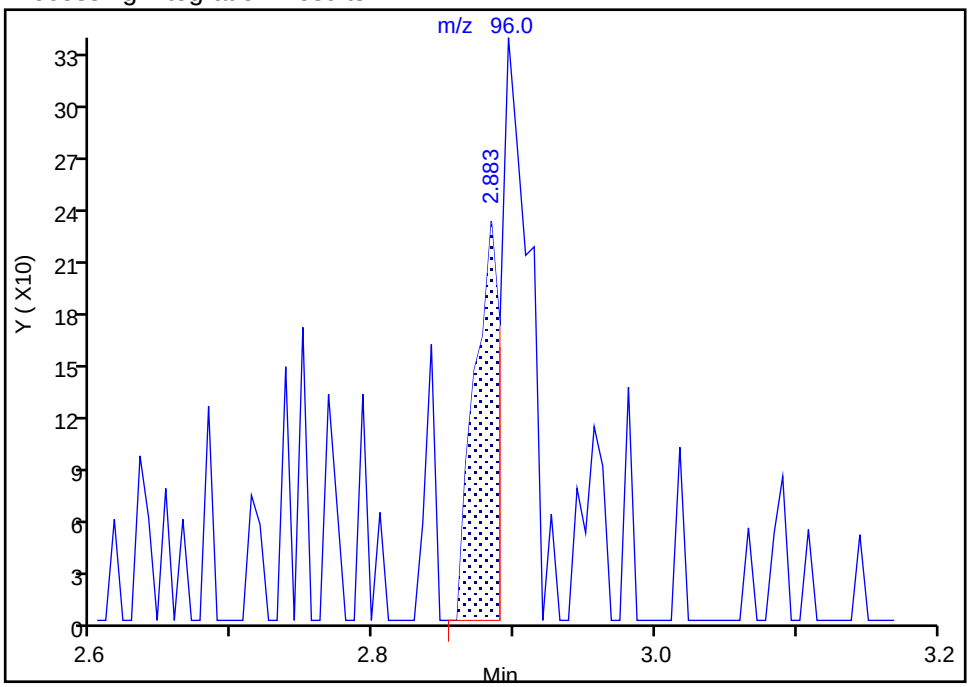
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92208.D				
Injection Date:	09-Jun-2019 19:54:30	Instrument ID:	CVOAMS11		
Lims ID:	460-183658-A-2	Lab Sample ID:	460-183658-2		
Client ID:	K710-DUP-06052019				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

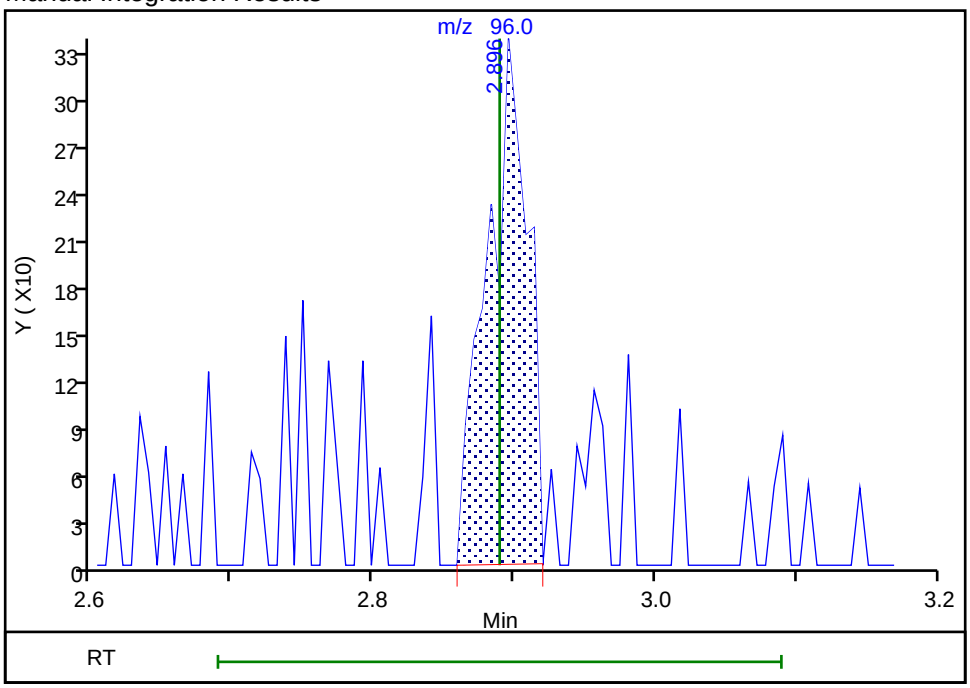
Processing Integration Results

RT: 2.88
Area: 295
Amount: 0.160319
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 676
Amount: 0.367375
Amount Units: ug/l



Reviewer: baronm, 10-Jun-2019 20:39:42

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

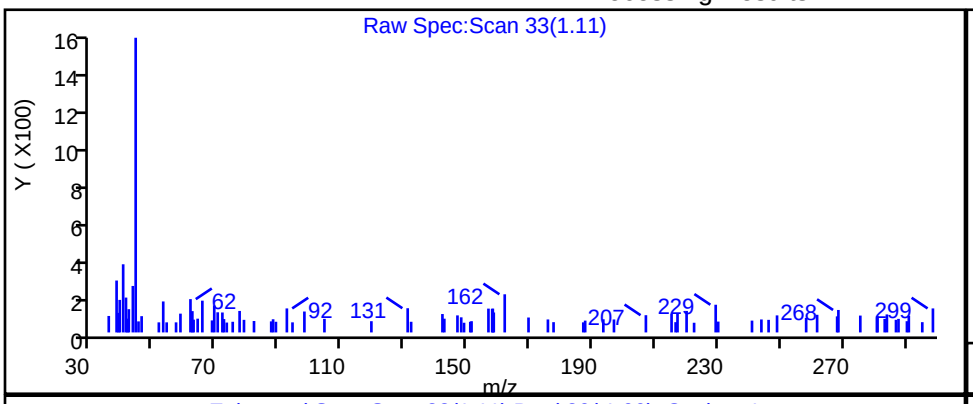
User Disabled Compound Report

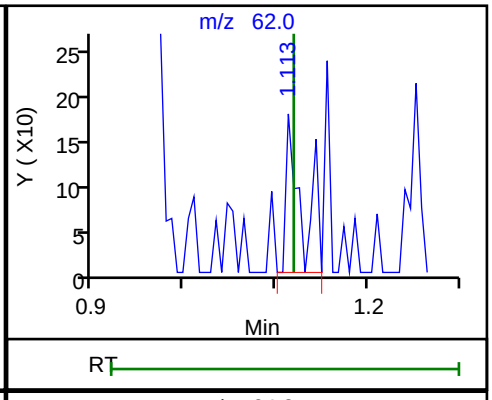
Eurofins TestAmerica, Edison

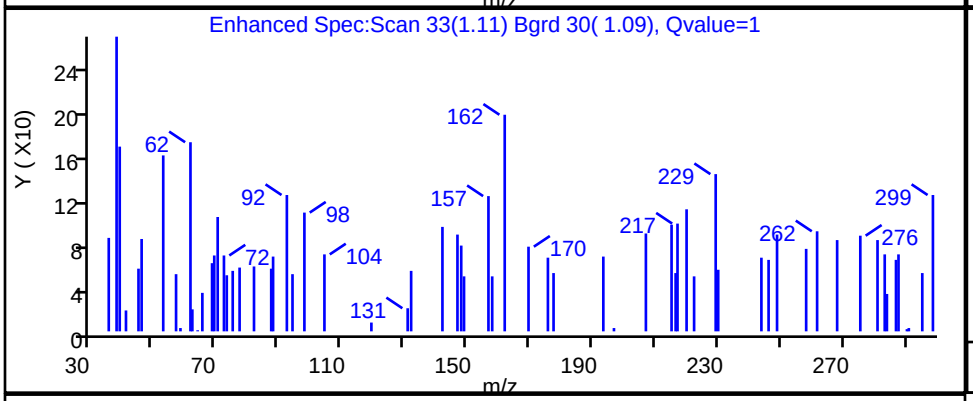
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92208.D				
Injection Date:	09-Jun-2019 19:54:30	Instrument ID:	CVOAMS11		
Lims ID:	460-183658-A-2	Lab Sample ID:	460-183658-2		
Client ID:	K710-DUP-06052019				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

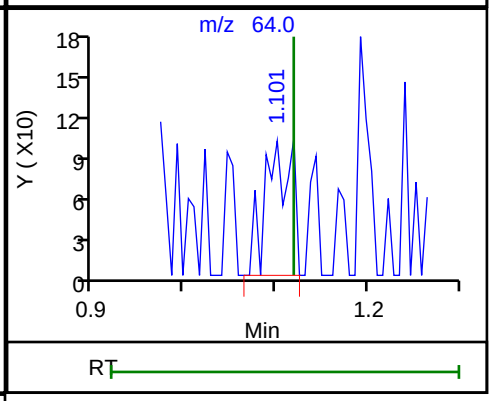
5 Vinyl chloride, CAS: 75-01-4

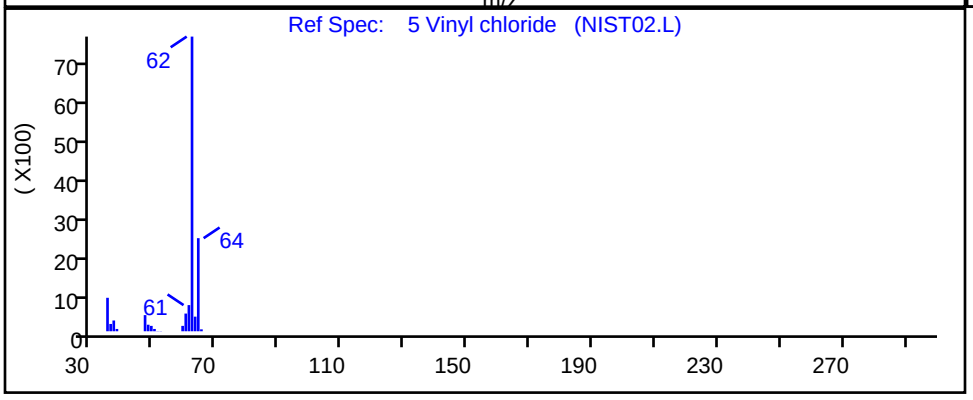
Processing Results











RT	Mass	Response	Amount
1.11	62.00	208	0.063320
1.10	64.00	197	

Reviewer: moroneyc, 10-Jun-2019 06:23:29

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.: 460-183658-1

SDG No.:

Client Sample ID: K710-MW-2 Lab Sample ID: 460-183658-3

Matrix: Water Lab File ID: N92209.D

Analysis Method: 8260C Date Collected: 06/05/2019 13:00

Sample wt/vol: 5(mL) Date Analyzed: 06/09/2019 20:16

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 616070 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.7		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	91		77-124
1868-53-7	Dibromofluoromethane (Surr)	95		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92209.D				
Lims ID:	460-183658-A-3				
Client ID:	K710-MW-2				
Sample Type:	Client				
Inject. Date:	09-Jun-2019 20:16:30	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-183658-A-3				
Misc. Info.:	460-0092525-019				
Operator ID:		Instrument ID:	CVOAMS11		
Method:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\8260W_11.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	10-Jun-2019 06:28:52	Calib Date:	22-May-2019 02:28:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX0335				
First Level Reviewer: parekhv		Date:	09-Jun-2019 22:32:30		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.208	2.208	0.000	39	54495	1000.0	
$ 47 Dibromofluoromethane (Surr	113	3.230	3.236	-0.006	95	67007	47.3	
* 49 2-Butanone-d5	46	3.291	3.297	-0.006	0	63724	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.650	3.656	-0.006	99	65121	51.5	
* 61 Fluorobenzene	96	3.893	3.899	-0.006	98	261722	50.0	
64 Trichloroethene	95	4.039	4.045	-0.006	95	3274	1.66	
* 70 1,4-Dioxane-d8	96	4.788	4.794	-0.006	30	5927	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.475	5.481	-0.006	97	311019	53.6	
80 Tetrachloroethene	166	5.968	5.968	0.000	87	2010	1.02	
* 90 Chlorobenzene-d5	117	7.385	7.391	-0.006	88	246756	50.0	
$ 101 4-Bromofluorobenzene	174	9.107	9.107	0.000	92	91921	45.3	
* 117 1,4-Dichlorobenzene-d4	152	10.293	10.293	0.000	97	138447	50.0	

Reagents:

8260ISNEW_00128	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00198	Amount Added:	1.00	Units: uL	Run Reagent

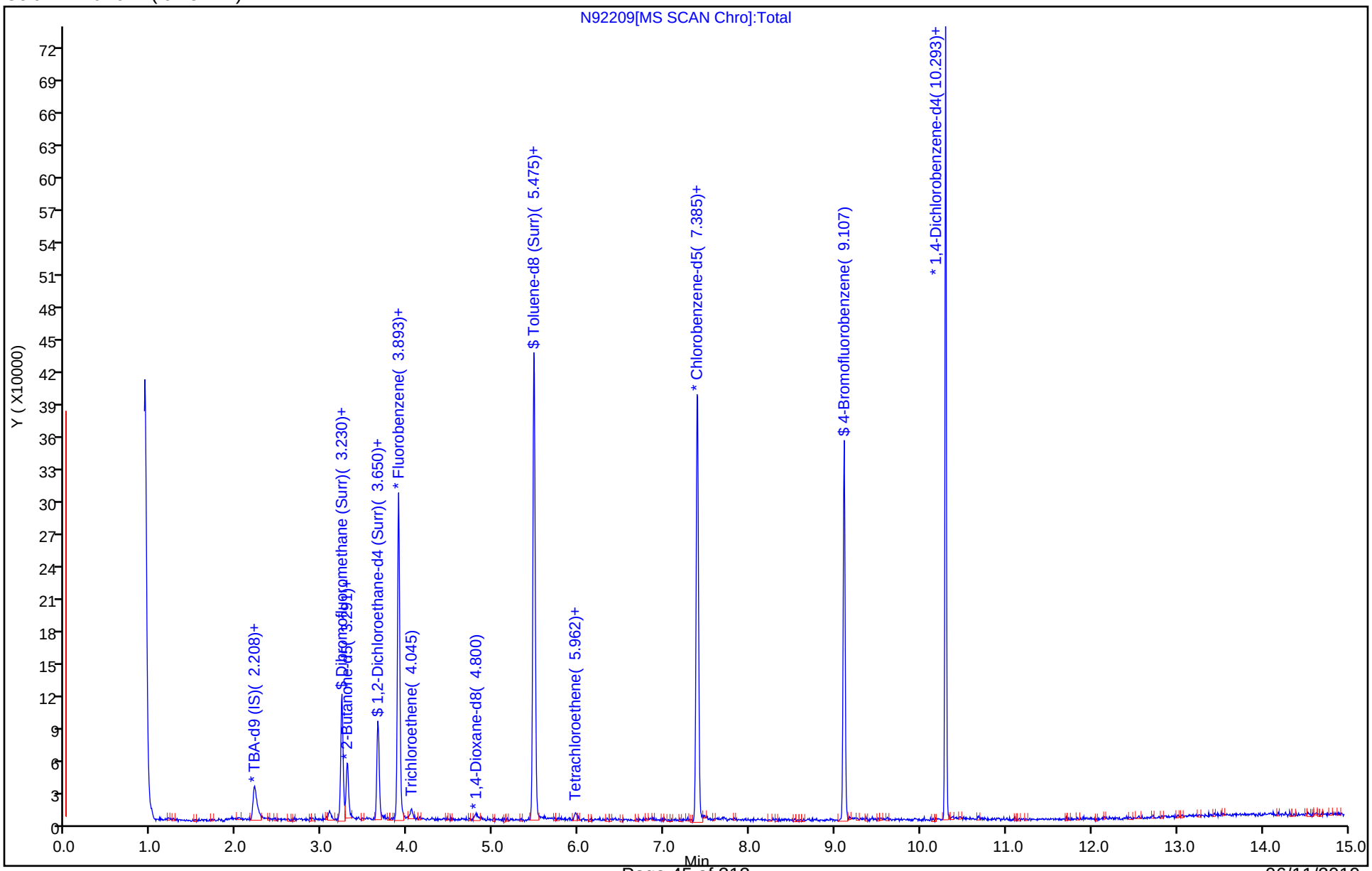
Report Date: 10-Jun-2019 06:29:30 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92209.D

Injection Date:	09-Jun-2019 20:16:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-183658-A-3	Lab Sample ID:	460-183658-3	Worklist Smp#:	19
Client ID:	K710-MW-2				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)

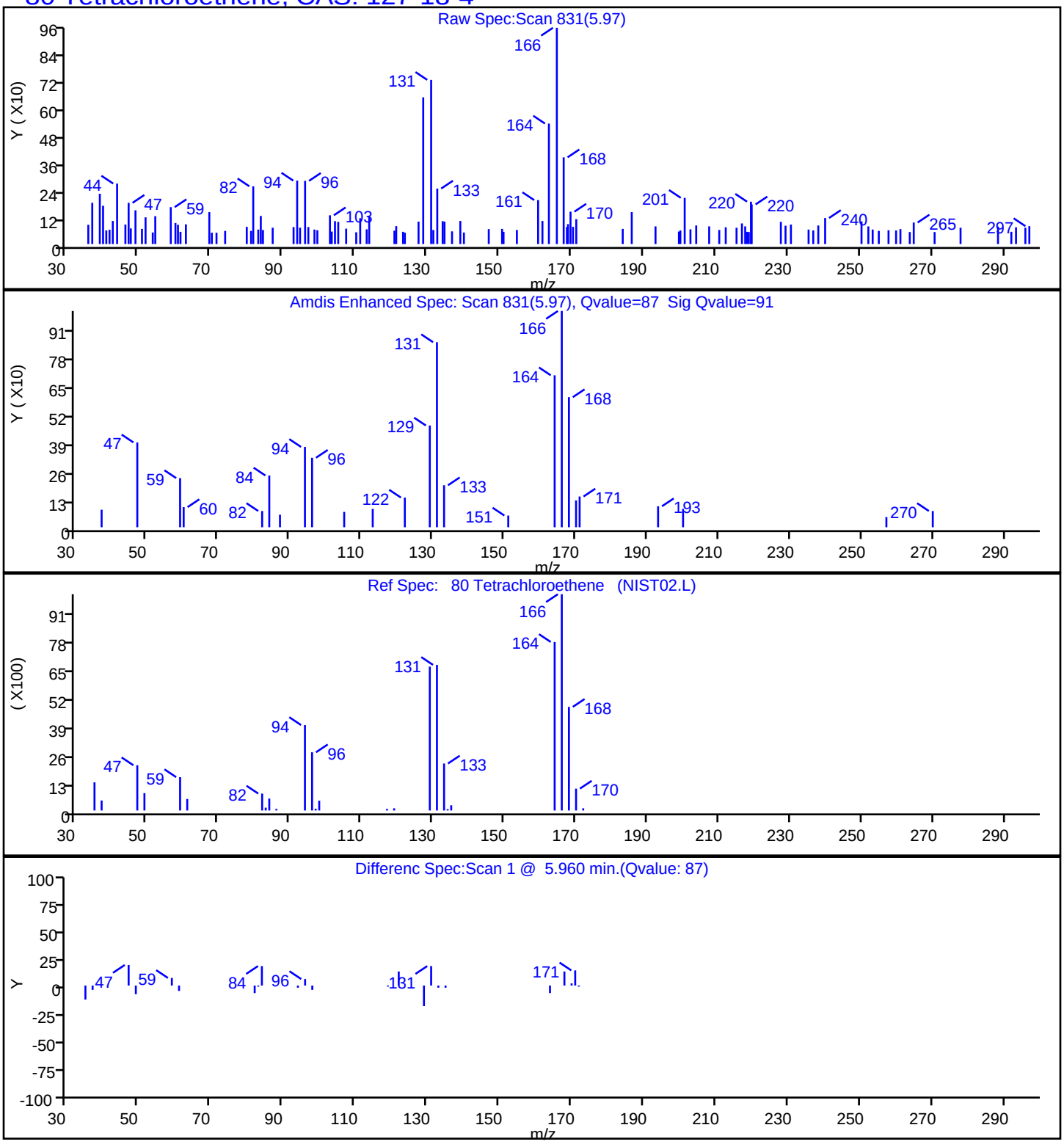


Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92209.D

Injection Date:	09-Jun-2019 20:16:30	Instrument ID:	CVOAMS11
Lims ID:	460-183658-A-3	Lab Sample ID:	460-183658-3
Client ID:	K710-MW-2		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

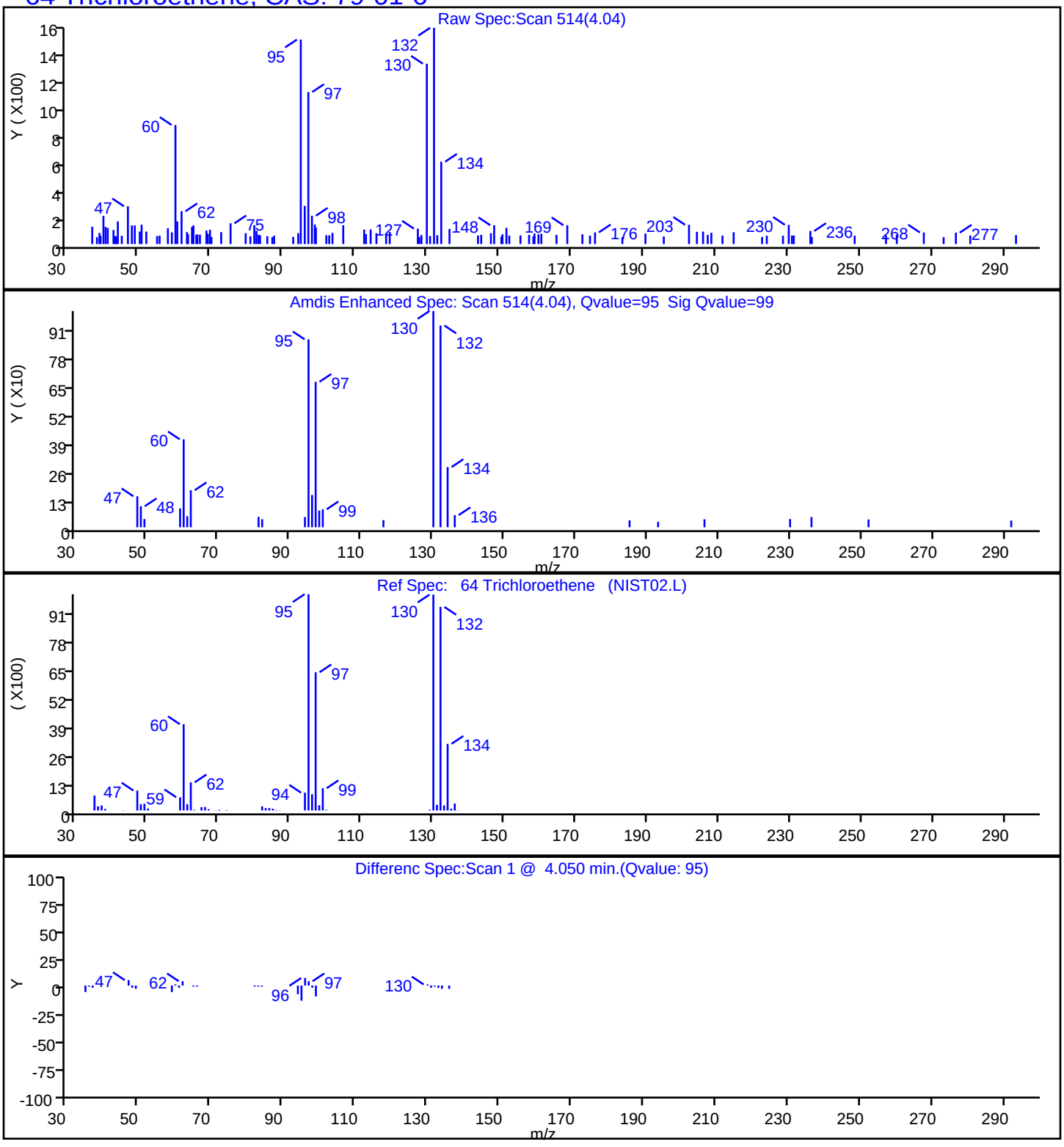
80 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92209.D				
Injection Date:	09-Jun-2019 20:16:30	Instrument ID:	CVOAMS11		
Lims ID:	460-183658-A-3	Lab Sample ID:	460-183658-3		
Client ID:	K710-MW-2				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

64 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Client Sample ID: K710-EB-06052019 Lab Sample ID: 460-183658-4

Matrix: Water Lab File ID: N92200.D

Analysis Method: 8260C Date Collected: 06/05/2019 10:50

Sample wt/vol: 5(mL) Date Analyzed: 06/09/2019 16:56

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 616070 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	0.43	J	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		74-132
460-00-4	4-Bromofluorobenzene	96		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	109		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92200.D
Lims ID: 460-183658-A-4
Client ID: K710-EB-06052019
Sample Type: Client
Inject. Date: 09-Jun-2019 16:56:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-183658-A-4
Misc. Info.: 460-0092525-010
Operator ID: Instrument ID: CVOAMS11

Method: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Jun-2019 06:28:52 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0335

First Level Reviewer: parekhv Date: 09-Jun-2019 17:39:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
23 Methylene Chloride	84	2.032	2.019	0.013	32	676	0.4257	
* 29 TBA-d9 (IS)	65	2.214	2.208	0.006	39	53706	1000.0	
$ 47 Dibromofluoromethane (Surr	113	3.242	3.236	0.006	95	70723	49.9	
* 49 2-Butanone-d5	46	3.303	3.297	0.006	0	65965	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.662	3.656	0.006	99	71039	56.2	
* 61 Fluorobenzene	96	3.899	3.899	0.000	98	261614	50.0	
* 70 1,4-Dioxane-d8	96	4.800	4.794	0.006	30	6328	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	98	333122	54.7	
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	88	258776	50.0	
$ 101 4-Bromofluorobenzene	174	9.107	9.107	0.000	91	101774	47.8	
* 117 1,4-Dichlorobenzene-d4	152	10.293	10.293	0.000	96	147629	50.0	

Reagents:

8260ISNEW_00128 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00198 Amount Added: 1.00 Units: uL Run Reagent

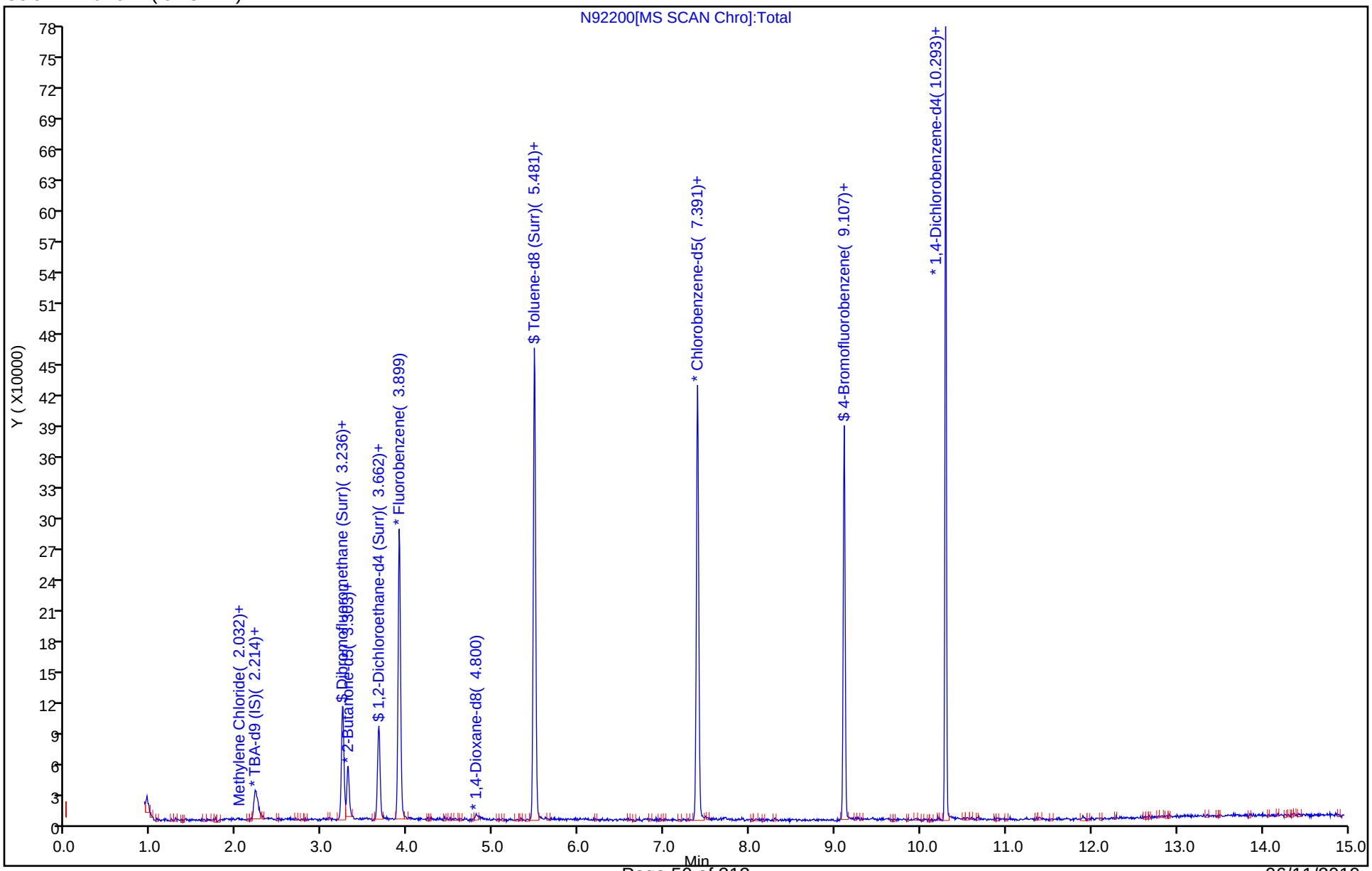
Report Date: 10-Jun-2019 06:29:21 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92200.D

Injection Date:	09-Jun-2019 16:56:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-183658-A-4	Lab Sample ID:	460-183658-4	Worklist Smp#:	10
Client ID:	K710-EB-06052019				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		

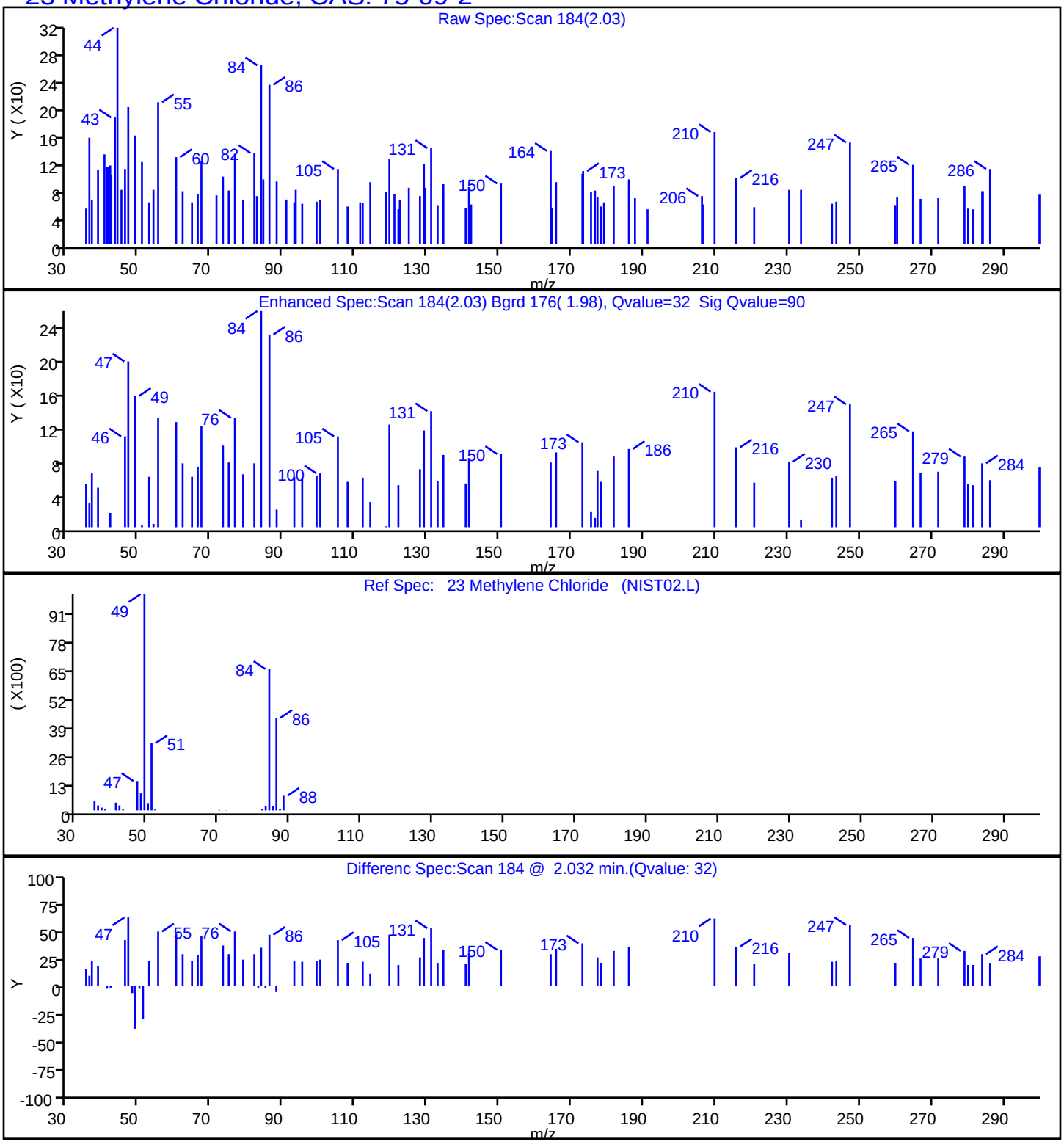
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92200.D		
Injection Date:	09-Jun-2019 16:56:30	Instrument ID:	CVOAMS11
Lims ID:	460-183658-A-4	Lab Sample ID:	460-183658-4
Client ID:	K710-EB-06052019		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

23 Methylene Chloride, CAS: 75-09-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Client Sample ID: K710-TB-06052019 Lab Sample ID: 460-183658-5

Matrix: Water Lab File ID: N92202.D

Analysis Method: 8260C Date Collected: 06/05/2019 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/09/2019 17:40

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 616070 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	90		77-124
1868-53-7	Dibromofluoromethane (Surr)	93		72-131
2037-26-5	Toluene-d8 (Surr)	111		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92202.D				
Lims ID:	460-183658-B-5				
Client ID:	K710-TB-06052019				
Sample Type:	Client				
Inject. Date:	09-Jun-2019 17:40:30	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-183658-B-5				
Misc. Info.:	460-0092525-012				
Operator ID:		Instrument ID:	CVOAMS11		
Method:	\\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\8260W_11.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	10-Jun-2019 06:28:52	Calib Date:	22-May-2019 02:28:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX0335				
First Level Reviewer: parekhv		Date:	09-Jun-2019 18:50:21		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.208	2.208	0.000	40	57549	1000.0	
$ 47 Dibromofluoromethane (Surr	113	3.230	3.236	-0.006	96	67695	46.4	
* 49 2-Butanone-d5	46	3.291	3.297	-0.006	0	65592	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	98	69378	53.4	
* 61 Fluorobenzene	96	3.899	3.899	0.000	98	269195	50.0	
* 70 1,4-Dioxane-d8	96	4.800	4.794	0.006	31	6606	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	98	324293	55.3	
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	87	249234	50.0	
$ 101 4-Bromofluorobenzene	174	9.107	9.107	0.000	91	92283	45.0	
* 117 1,4-Dichlorobenzene-d4	152	10.293	10.293	0.000	96	139683	50.0	

Reagents:

8260ISNEW_00128	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00198	Amount Added: 1.00	Units: uL	Run Reagent

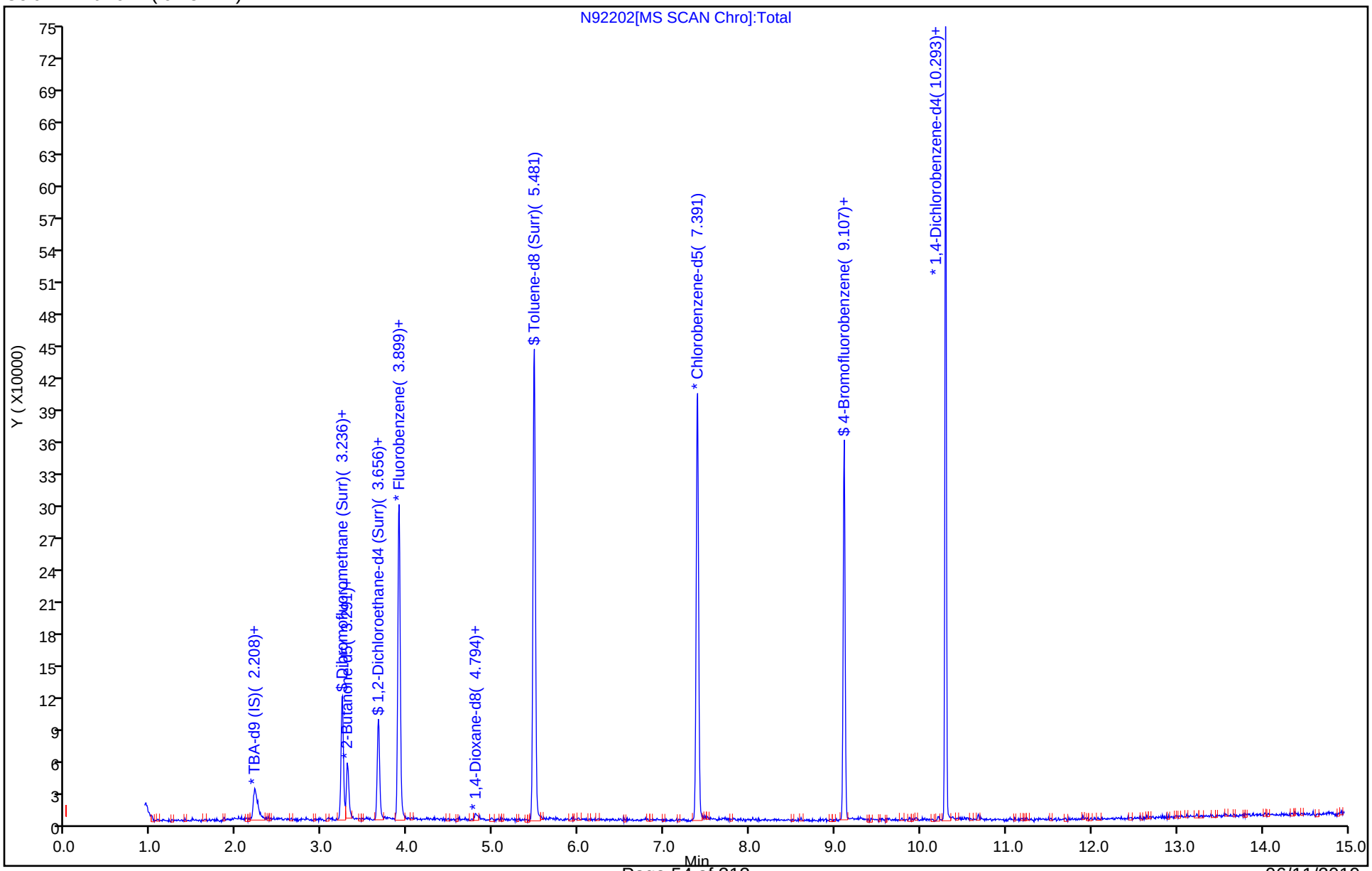
Report Date: 10-Jun-2019 06:29:23 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92202.D

Injection Date:	09-Jun-2019 17:40:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-183658-B-5	Lab Sample ID:	460-183658-5	Worklist Smp#:	12
Client ID:	K710-TB-06052019				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-611714/3	N91275.D
Level 2	STD1 460-611714/17	N91289.D
Level 3	STD5 460-611714/5	N91277.D
Level 4	STD20 460-611714/6	N91278.D
Level 5	STD50 460-611714/7	N91279.D
Level 6	STD200 460-611714/8	N91280.D
Level 7	STD500 460-611714/9	N91281.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.2633	0.2542 0.2512	0.3048	0.3160	0.3278	Ave		0.2862				11.8		20.0			
Dichlorodifluoromethane	+++++ 0.2748	0.2052 0.2863	0.2127	0.2827	0.2664	Ave		0.2547			0.1000	14.2		20.0			
Chloromethane	+++++ 6.3234	5.6398 6.2899	5.7379	5.9255	6.0167	Ave		5.9889			0.1000	4.7		20.0			
Butadiene	0.6910 0.5265	0.5587 0.5049	0.5415	0.4927	0.4843	Ave		0.5428				13.0		20.0			
Vinyl chloride	+++++ 0.6243	0.6982 0.6069	0.5941	0.5903	0.5948	Ave		0.6181			0.1000	6.7		20.0			
Bromomethane	+++++ 0.3869	0.4834 0.3790	0.4061	0.3863	0.3729	Ave		0.4024			0.1000	10.2		20.0			
Chloroethane	+++++ 0.3124	0.3619 0.3032	0.2972	0.2985	0.2949	Ave		0.3113			0.1000	8.2		20.0			
Pentane	+++++ 4.0671	5.0424 3.6650	3.4243	3.6950	3.7778	Ave		3.9453				14.6		20.0			
Trichlorofluoromethane	+++++ 0.7099	0.6979 0.7020	0.7054	0.6594	0.6612	Ave		0.6893			0.1000	3.3		20.0			
Dichlorofluoromethane	+++++ 0.7141	0.7199 0.7085	0.7102	0.6863	0.6900	Ave		0.7048				1.9		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2762	0.2217 0.2755	0.2827	0.2596	0.2645	Ave		0.2633				8.4		20.0			
Ethyl ether	+++++ 0.1580	0.2063 0.1570	0.1992	0.1607	0.1593	Ave		0.1734				13.2		20.0			
Ethanol	+++++ 0.1122	0.0983 0.1118	0.0912	0.1024	0.0754	Ave		0.0985				14.1		20.0			
1,1-Dichloroethene	+++++ 0.2859	0.3533 0.2896	0.2434	0.2710	0.2705	Ave		0.2856			0.1000	12.9		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.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3537	0.3036 0.3633	0.3454	0.3564	0.3421	Ave		0.3441				6.2		20.0			
Carbon disulfide	+++++ 1.0877	0.9950 1.1169	1.0360	0.9898	1.0333	Ave		1.0431			0.1000	4.8		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.4158	0.3907 0.4048	0.4059	0.3988	0.3981	Ave		0.4024			0.1000	2.1		20.0			
Iodomethane	+++++ 0.5719	0.5758 0.5852	0.5588	0.5523	0.5609	Ave		0.5675				2.2		20.0			
Cyclopentene	+++++ 0.7488	0.6937 0.7491	0.7919	0.7003	0.7222	Ave		0.7343				5.0		20.0			
Acrolein	+++++ 0.9867	1.3788 0.9609	1.0571	1.0263	1.1139	Ave		1.0873				14.0		20.0			
Allyl chloride	+++++ 0.1758	0.2081 0.1788	0.1954	0.1731	0.1870	Ave		0.1864				7.2		20.0			
Isopropyl alcohol	+++++ 0.5171	0.8708 0.5021	0.6979	0.5248	0.5410	QuaF		0.5296	-0.000006						1.0000		0.9900
Methylene Chloride	+++++ 0.2793	0.3846 0.2828	0.3040	0.2832	0.2869	Ave		0.3035			0.1000	13.4		20.0			
Acetone	+++++ 0.2306	0.1922 0.2184	0.1736	0.2125	0.2056	Ave		0.2055			0.0500	9.8		20.0			
trans-1,2-Dichloroethene	+++++ 0.3123	0.3328 0.3181	0.3353	0.3120	0.3223	Ave		0.3221			0.1000	3.1		20.0			
Methyl acetate	+++++ 1.4856	1.2547 1.4353	0.9649	1.4867	1.4835	Ave		1.3518			0.1000	15.5		20.0			
Hexane	+++++ 0.2132	0.2420 0.2061	0.2118	0.2237	0.2114	Ave		0.2180				6.0		20.0			
Methyl tert-butyl ether	+++++ 0.6343	0.7023 0.6230	0.6959	0.6597	0.6577	Ave		0.6621			0.1000	4.8		20.0			
2-Methyl-2-propanol	+++++ 1.0928	1.3783 1.0489	1.2511	1.0504	1.0539	Ave		1.1459				12.0		20.0			
Acetonitrile	+++++ 1.0126	1.4036 0.9841	1.0926	0.9492	1.0115	Ave		1.0756				15.6		20.0			
Isopropyl ether	+++++ 0.9777	1.0659 1.0046	1.0019	0.9645	0.9940	Ave		1.0014				3.5		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2956	0.3342 0.2959	0.3027	0.3075	0.3014	Ave		0.3062				4.7		20.0			
1,1-Dichloroethane	+++++ 0.5400	0.6091 0.5520	0.5435	0.5300	0.5558	Ave		0.5551			0.2000	5.0		20.0			
Acrylonitrile	2.7403 3.2927	3.6781 3.1350	3.6135	3.3174	3.2017	Ave		3.2827				9.6		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.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tert-butyl ethyl ether	+++++ 0.8668	0.8581 0.8437	0.9106	0.8630	0.9062	Ave		0.8747				3.1		20.0			
Vinyl acetate	+++++ 0.8031	1.1736 0.8221	1.0009	0.8452	0.8708	Ave		0.9193				15.5		20.0			
cis-1,2-Dichloroethene	+++++ 0.3330	0.3599 0.3460	0.3486	0.3361	0.3538	Ave		0.3462			0.1000	3.0		20.0			
2,2-Dichloropropane	+++++ 0.2289	0.2068 0.2340	0.2075	0.1860	0.1909	Ave		0.2090				9.3		20.0			
Cyclohexane	+++++ 0.5947	0.5957 0.6010	0.5859	0.5645	0.5874	Ave		0.5882			0.1000	2.2		20.0			
Chlorobromomethane	+++++ 0.1379	0.1507 0.1375	0.1596	0.1512	0.1440	Ave		0.1468				5.9		20.0			
Chloroform	+++++ 0.5561	0.5237 0.5717	0.6049	0.5535	0.5861	Ave		0.5660			0.2000	5.0		20.0			
Carbon tetrachloride	+++++ 0.6525	0.7144 0.6815	0.6566	0.6306	0.6400	Ave		0.6626			0.1000	4.6		20.0			
Ethyl acetate	+++++ 0.3976	0.4431 0.4027	0.2468	0.4333	0.4094	Ave		0.3888				18.5		20.0			
Methyl acrylate	+++++ 0.1202	0.1433 0.1201	0.1381	0.1179	0.1296	Ave		0.1282				8.3		20.0			
Tetrahydrofuran	+++++ 0.3896	0.4715 0.4066	0.5900	0.4263	0.4137	Ave		0.4496				16.5		20.0			
1,1,1-Trichloroethane	+++++ 0.6381	0.5926 0.6727	0.6205	0.6125	0.6299	Ave		0.6277			0.1000	4.3		20.0			
1,1-Dichloropropene	+++++ 0.4638	0.5939 0.4547	0.4935	0.4676	0.4722	Ave		0.4909				10.6		20.0			
2-Butanone (MEK)	+++++ 0.3926	0.5694 0.3922	0.4313	0.4397	0.4257	Ave		0.4418			0.0500	14.9		20.0			
2,2,4-Trimethylpentane	+++++ 0.7989	0.6755 0.7979	0.7012	0.6512	0.6962	Ave		0.7202				8.8		20.0			
n-Heptane	+++++ 0.1999	0.2019 0.2193	0.1849	0.1735	0.1806	Ave		0.1934				8.7		20.0			
Benzene	+++++ 1.2341	1.3273 1.2609	1.2224	1.2834	1.2720	Ave		1.2667			0.5000	3.0		20.0			
Propionitrile	+++++ 1.2019	1.7913 1.1224	1.3171	1.1995	1.1989	Ave		1.3052				18.9		20.0			
Methacrylonitrile	+++++ 0.0571	0.0513 0.0563	0.0584	0.0575	0.0589	Ave		0.0566				4.8		20.0			
Tert-amyl methyl ether	+++++ 0.7799	0.7319 0.7711	0.7795	0.7690	0.8019	Ave		0.7722				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
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloroethane	+++++ 0.3154	0.3899 0.3070	0.3545	0.3312	0.3174	Ave		0.3359			0.1000	9.3		20.0			
Isobutyl alcohol	+++++ 0.4021	0.4386 0.3929	0.3438	0.4054	0.4066	Ave		0.3982				7.7		20.0			
Isopropyl acetate	+++++ 0.3048	0.2592 0.2995	0.3167	0.3090	0.3089	Ave		0.2997				6.9		20.0			
Methylcyclohexane	+++++ 0.5928	0.5677 0.5947	0.5536	0.5602	0.5799	Ave		0.5748			0.1000	3.0		20.0			
Trichloroethene	+++++ 0.3614	0.4482 0.3506	0.3871	0.3620	0.3578	Ave		0.3779			0.2000	9.7		20.0			
n-Butanol	+++++ 0.2693	+++++ 0.2528	0.2491	0.2373	0.2700	Ave		0.2557				5.5		20.0			
Dibromomethane	+++++ 0.1327	0.1404 0.1296	0.1374	0.1344	0.1333	Ave		0.1346				2.8		20.0			
1,2-Dichloropropane	+++++ 0.3066	0.3400 0.2979	0.3312	0.3021	0.3060	Ave		0.3140			0.1000	5.5		20.0			
Ethyl acrylate	+++++ 0.1982	0.2507 0.1935	0.2340	0.2081	0.2034	Ave		0.2146				10.5		20.0			
Dichlorobromomethane	+++++ 0.4150	0.3962 0.4027	0.4428	0.4179	0.4081	Ave		0.4138			0.2000	3.9		20.0			
Methyl methacrylate	+++++ 0.0497	0.0712 0.0486	0.0542	0.0509	0.0516	Ave		0.0544				15.5		20.0			
1,4-Dioxane	+++++ 1.0107	1.2118 0.8937	1.3050	0.9144	0.8746	Ave		1.0351				17.5		20.0			
n-Propyl acetate	+++++ 0.2053	0.2429 0.2027	0.2547	0.2096	0.2127	Ave		0.2213				9.9		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1195	0.1352 0.1176	0.1224	0.1182	0.1172	Ave		0.1217				5.7		20.0			
cis-1,3-Dichloropropene	+++++ 0.4494	0.4836 0.4418	0.4384	0.4620	0.4548	Ave		0.4550			0.2000	3.6		20.0			
Toluene	+++++ 1.4692	1.5583 1.4609	1.4741	1.5211	1.4626	Ave		1.4910			0.4000	2.7		20.0			
Epichlorohydrin	0.4109 0.2810	0.3244 0.2823	0.2993	0.3091	0.2968	Ave		0.3148				14.3		20.0			
2-Nitropropane	+++++ 2.9256	4.9347 2.6794	3.0914	2.7100	2.9301	QuaF		3.0653	-0.000385						1.0000		0.9900
Tetrachloroethene	+++++ 0.3977	0.4164 0.3994	0.4014	0.3971	0.3913	Ave		0.4005			0.2000	2.1		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 3.1433	2.8918 3.1530	3.1671	3.1476	3.1680	Ave		3.1118			0.0500	3.5		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.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	+++++ 0.3571	0.3961 0.3577	0.3686	0.3871	0.3775	Ave		0.3740			0.1000	4.2		20.0			
1,1,2-Trichloroethane	+++++ 0.1458	0.1757 0.1464	0.1527	0.1486	0.1490	Ave		0.1530			0.1000	7.4		20.0			
Ethyl methacrylate	+++++ 0.2669	0.2582 0.2596	0.2851	0.2716	0.2666	Ave		0.2680				3.6		20.0			
Chlorodibromomethane	+++++ 0.2523	0.2432 0.2501	0.2516	0.2559	0.2523	Ave		0.2509			0.1000	1.7		20.0			
1,3-Dichloropropane	+++++ 0.3142	0.3313 0.3130	0.3070	0.3216	0.3289	Ave		0.3193				3.0		20.0			
Ethylene Dibromide	+++++ 0.1777	0.2106 0.1730	0.1714	0.1813	0.1824	Ave		0.1827			0.1000	7.8		20.0			
n-Butyl acetate	+++++ 0.2372	0.2784 0.2366	0.2651	0.2465	0.2386	Ave		0.2504				7.0		20.0			
2-Hexanone	+++++ 1.1387	1.4485 1.1316	1.1173	1.1426	1.1715	Ave		1.1917			0.0500	10.7		20.0			
Chlorobenzene	+++++ 0.9351	1.0115 0.9270	0.9667	0.9508	0.9643	Ave		0.9592			0.5000	3.1		20.0			
Ethylbenzene	+++++ 0.5361	0.5462 0.5343	0.5357	0.5528	0.5491	Ave		0.5424			0.1000	1.5		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3690	0.3866 0.3814	0.4005	0.3867	0.3739	Ave		0.3830				2.9		20.0			
m-Xylene & p-Xylene	+++++ 0.6637	0.6723 0.6676	0.6564	0.6761	0.6698	Ave		0.6677			0.1000	1.0		20.0			
o-Xylene	+++++ 0.6643	0.6757 0.6756	0.6195	0.6816	0.6636	Ave		0.6634			0.3000	3.4		20.0			
Bromoform	+++++ 0.2563	0.2665 0.2355	0.2593	0.2609	0.2516	Ave		0.2550			0.1000	4.2		20.0			
Styrene	+++++ 1.0158	1.0271 0.9987	0.9946	1.0399	1.0519	Ave		1.0213			0.3000	2.2		20.0			
n-Butyl acrylate	+++++ 0.1544	0.1771 0.1540	0.1473	0.1545	0.1622	Ave		0.1583				6.6		20.0			
Isopropylbenzene	+++++ 1.8334	1.8910 1.8833	1.6823	1.8598	1.8435	Ave		1.8322			0.1000	4.2		20.0			
Amyl acetate (mixed isomers)	+++++ 0.5740	0.6223 0.5350	0.6054	0.5546	0.5743	Ave		0.5776				5.5		20.0			
Bromobenzene	+++++ 0.6818	0.7239 0.6199	0.6918	0.6951	0.7030	Ave		0.6859				5.1		20.0			
N-Propylbenzene	+++++ 3.3526	3.2563 3.1780	3.2091	3.4054	3.3762	Ave		3.2963				2.9		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2,2-Tetrachloroethane	+++++ 0.3166	0.3277 0.2982	0.3080	0.3251	0.3215	Ave		0.3162			0.3000	3.6		20.0			
2-Chlorotoluene	+++++ 2.3372	2.3600 2.2323	2.2801	2.3246	2.2982	Ave		2.3054				2.0		20.0			
4-Ethyltoluene	+++++ 2.9496	3.0046 2.8258	2.9322	3.0082	2.9584	Ave		2.9465				2.3		20.0			
1,2,3-Trichloropropane	+++++ 0.0985	0.1072 0.0942	0.1218	0.1031	0.1041	Ave		0.1048				9.0		20.0			
1,3,5-Trimethylbenzene	+++++ 2.6237	2.5435 2.6153	2.4440	2.6093	2.5610	Ave		2.5661				2.6		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.0990	0.1704 0.0954	0.0986	0.0970	0.1031	QuaF		0.1015	-0.000012						1.0000		0.9900
4-Chlorotoluene	+++++ 2.0331	1.9383 1.9175	2.0331	2.0913	2.0753	Ave		2.0148				3.5		20.0			
tert-Butylbenzene	+++++ 2.2679	2.1550 2.2559	2.0880	2.2093	2.1759	Ave		2.1920				3.1		20.0			
Butyl Methacrylate	+++++ 0.7457	0.6345 0.7175	0.6972	0.7168	0.7515	Ave		0.7105				6.0		20.0			
1,2,4-Trimethylbenzene	+++++ 2.6129	2.5367 2.5999	2.5990	2.6370	2.5998	Ave		2.5976				1.3		20.0			
sec-Butylbenzene	+++++ 3.1874	3.0583 3.1994	2.9543	3.1727	3.0949	Ave		3.1111				3.1		20.0			
4-Isopropyltoluene	+++++ 2.8916	2.8600 2.9726	2.7599	2.8510	2.8657	Ave		2.8668				2.4		20.0			
1,3-Dichlorobenzene	+++++ 1.3918	1.4358 1.3776	1.3687	1.4193	1.4136	Ave		1.4011			0.6000	1.9		20.0			
1,4-Dichlorobenzene	+++++ 1.3570	1.4307 1.3656	1.4272	1.4233	1.3767	Ave		1.3968			0.5000	2.4		20.0			
1,2,3-Trimethylbenzene	+++++ 2.8049	2.9485 2.8777	2.7495	2.8248	2.7980	Ave		2.8339				2.5		20.0			
Indan	+++++ 2.4580	2.4576 2.3939	2.3735	2.4676	2.4432	Ave		2.4323				1.6		20.0			
p-Diethylbenzene	+++++ 1.4858	1.5970 1.4892	1.4825	1.4835	1.4850	Ave		1.5038				3.0		20.0			
Benzyl chloride	+++++ 0.1667	0.2497 0.1674	0.1787	0.1672	0.1734	Ave		0.1838				17.7		20.0			
n-Butylbenzene	+++++ 1.2280	1.3543 1.2260	1.2440	1.2560	1.2527	Ave		1.2602				3.8		20.0			
1,2-Dichlorobenzene	+++++ 1.2304	1.2381 1.2376	1.2034	1.2922	1.2469	Ave		1.2414			0.4000	2.3		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4,5-Tetramethylbenzene	+++++ 2.9409	3.0456 3.1325	2.8378	2.8396	2.8844	Ave		2.9468				4.1		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0721	0.1183 0.0803	0.0716	0.0725	0.0719	QuaF		0.0673	0.0000260		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	+++++ 1.1682	1.2942 1.3267	1.1425	1.1486	1.1642	Ave		1.2074				6.7		20.0			
Hexachlorobutadiene	+++++ 0.4442	0.4986 0.4718	0.4444	0.4348	0.4148	Ave		0.4514				6.5		20.0			
1,2,4-Trichlorobenzene	+++++ 0.8950	1.0815 1.0500	0.8743	0.8698	0.9097	Ave		0.9467			0.2000	9.9		20.0			
Naphthalene	+++++ 1.1880	1.1160 1.3605	1.1270	1.1310	1.1840	Ave		1.1844				7.7		20.0			
1,2,3-Trichlorobenzene	+++++ 0.6400	0.7917 0.7170	0.6194	0.6429	0.6525	Ave		0.6772				9.6		20.0			
Dibromofluoromethane (Surr)	0.2677 0.2627	0.2635 0.2651	0.2770	0.2773	0.2826	Ave		0.2708				2.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2399 0.2139	0.2365 0.2501	0.2468	0.2574	0.2451	Ave		0.2414				5.7		20.0			
Toluene-d8 (Surr)	1.1612 1.1711	1.1762 1.1908	1.1385	1.2017	1.1981	Ave		1.1768				1.9		20.0			
4-Bromofluorobenzene	0.4216 0.4039	0.4081 0.4041	0.3924	0.4216	0.4275	Ave		0.4113				3.1		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-611714/3	N91275.D
Level 2	STD1 460-611714/17	N91289.D
Level 3	STD5 460-611714/5	N91277.D
Level 4	STD20 460-611714/6	N91278.D
Level 5	STD50 460-611714/7	N91279.D
Level 6	STD200 460-611714/8	N91280.D
Level 7	STD500 460-611714/9	N91281.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 424021	2222 1014593	12103	49663	128569	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 442561	1794 1156192	8448	44427	104502	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	BUT	Ave	+++++ 472746	2189 1152985	10542	42816	107697	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	1284 847916	4884 2038789	21506	77424	189968	0.250 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 1005366	6103 2450998	23594	92760	233337	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 623096	4225 1530612	16126	60708	146276	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 503055	3163 1224557	11801	46907	115688	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	+++++ 173519	1077 418101	3620	15762	40430	+++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	+++++ 1143259	6100 2835031	28014	103619	259369	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1149965	6293 2861331	28204	107857	270662	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 444809	1938 1112450	11225	40796	103735	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Ave	+++++ 254460	1803 634058	7910	25253	62493	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd 9	Ave	+++++ 95752	420 255138	1928	8732	16129	+++++ 8000	40.0 20000	200	800	2000
1,1-Dichloroethene	FB	Ave	+++++ 460415	3088 1169365	9666	42582	106119	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 569632	2654 1467295	13716	56010	134189	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	+++++ 1751569	8697 4510586	41141	155548	405348	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 669555	3415 1634892	16121	62676	156149	+++++ 200	1.00 500	5.00	20.0	50.0
Iodomethane	FB	Ave	+++++ 920941	5033 2363218	22190	86798	220003	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	+++++ 1205795	6064 3025073	31448	110053	283284	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 21048	589 43846	2235	4378	11921	+++++ 200	4.00 400	20.0	40.0	100
Allyl chloride	FB	Ave	+++++ 283080	1819 722114	7760	27199	73354	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	QuaF	+++++ 110313	930 286419	3689	11193	28946	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 449841	3362 1141925	12073	44498	112545	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 86183	373 200201	1595	7679	18397	+++++ 1000	5.00 2500	25.0	100	250
trans-1,2-Dichloroethene	FB	Ave	+++++ 502960	2909 1284422	13314	49032	126417	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 63382	268 163734	1020	6342	15876	+++++ 400	2.00 1000	10.0	40.0	100
Hexane	FB	Ave	+++++ 343265	2115 832184	8413	35151	82938	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 1021409	6139 2515767	27638	103667	258004	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 233124	1472 598261	6613	22404	56391	+++++ 2000	10.0 5000	50.0	200	500
Acetonitrile	TBAd9	Ave	+++++ 216001	1499 561319	5775	20246	54124	+++++ 2000	10.0 5000	50.0	200	500
Isopropyl ether	FB	Ave	+++++ 1574515	9317 4057070	39788	151565	389903	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 476081	2921 1194893	12021	48327	118219	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 869671	5324 2229343	21583	83293	218010	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBAd9	Ave	587 702405	3928 1788188	19100	70755	171322	2.00 2000	10.0 5000	50.0	200	500
Tert-butyl ethyl ether	FB	Ave	+++++ 1395975	7501 3407032	36163	135611	355467	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	+++++ 120074	911 301379	3678	12215	31173	+++++ 400	2.00 1000	10.0	40.0	100

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
cis-1,2-Dichloroethene	FB	Ave	+++++ 536345	3146 1397442	13842	52813	138800	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 368582	1808 945165	8242	29237	74899	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 957649	5207 2426872	23267	88713	230436	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobromomethane	FB	Ave	+++++ 222100	1317 555179	6338	23765	56474	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroform	FB	Ave	+++++ 895505	4578 2308851	24022	86984	229922	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 1050726	6245 2752305	26077	99099	251045	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	+++++ 59452	344 147623	907	6262	14656	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 193549	1253 484918	5483	18528	50828	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 58253	366 149055	2168	6160	14809	+++++ 400	2.00 1000	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	+++++ 1027668	5180 2716691	24642	96258	247100	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 746896	5191 1836180	19597	73477	185213	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 146749	1105 359429	3962	15885	38102	+++++ 1000	5.00 2500	25.0	100	250
2,2,4-Trimethylpentane	FB	Ave	+++++ 1286613	5905 3222059	27848	102336	273109	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 321922	1765 885681	7343	27258	70856	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	+++++ 2167715	12020 5421036	53329	212998	532070	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	+++++ 256389	1913 640191	6962	25584	64154	+++++ 2000	10.0 5000	50.0	200	500
Methacrylonitrile	FB	Ave	+++++ 919609	4488 2275490	23175	90382	231181	+++++ 2000	10.0 5000	50.0	200	500
Tert-amyl methyl ether	FB	Ave	+++++ 1255933	6398 3114047	30955	120850	314566	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 507946	3408 1239902	14080	52044	124514	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	+++++ 214438	1171 560320	4543	21614	54397	+++++ 5000	25.0 12500	125	500	1250
Isopropyl acetate	FB	Ave	+++++ 490834	2266 1209523	12577	48555	121184	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methylcyclohexane	FB	Ave	+++++ 954634	4962 2401795	21986	88035	227489	+++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	+++++ 581946	3918 1415999	15372	56888	140365	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 143600	+++++ 360480	3292	12652	36114	+++++ 5000	+++++ 12500	125	500	1250
Dibromomethane	FB	Ave	+++++ 213712	1227 523247	5455	21122	52271	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 493725	2972 1203108	13153	47472	120044	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 319261	2191 781317	9293	32696	79803	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 668299	3463 1626107	17585	65665	160100	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 160141	1244 392690	4307	16009	40444	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 46763	619 115194	1842	4536	10926	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 330604	2123 818570	10115	32936	83434	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 192467	1182 475008	4861	18576	45982	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 789413	4379 1899295	19127	76667	190243	+++++ 200	1.00 500	5.00	20.0	50.0
Toluene	CBNZ d5	Ave	+++++ 2580678	14112 6281055	64309	252444	611820	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	715 420210	2518 1034789	10997	44668	106260	5.00 4000	20.0 10000	100	400	1000
2-Nitropropane	TBAd9	QuaF	+++++ 124818	1054 305659	3268	11560	31358	+++++ 400	2.00 1000	10.0	40.0	100
Tetrachloroethene	CBNZ d5	Ave	+++++ 698560	3771 1717195	17512	65896	163679	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 1174991	5612 2889891	29094	113716	283533	+++++ 1000	5.00 2500	25.0	100	250
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 627299	3587 1537865	16080	64238	157898	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 256155	1591 629613	6660	24667	62323	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++ 429822	2257 1048402	11323	42687	104572	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	+++++ 443244	2202 1075359	10978	42474	105524	+++++ 200	1.00 500	5.00	20.0	50.0

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 551987	3000 1345592	13391	53376	137568	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 312189	1907 743635	7479	30087	76303	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Ave	+++++ 416650	2521 1017302	11565	40902	99807	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 425667	2811 1037197	10264	41279	104849	+++++ 1000	5.00 2500	25.0	100	250
Chlorobenzene	CBNZ d5	Ave	+++++ 1642511	9160 3985519	42171	157795	403376	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 941617	4946 2297159	23372	91741	229682	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 648098	3501 1639838	17473	64182	156399	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1165889	6088 2870447	28637	112210	280189	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1166783	6119 2904551	27028	113117	277593	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	DCBd 4	Ave	+++++ 269366	1455 650056	6677	26336	64454	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 1784314	9301 4293944	43390	172576	440032	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 271199	1604 662078	6425	25638	67864	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 3220441	17124 8097159	73394	308659	771138	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 603268	3397 1476585	15588	55986	147110	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 716593	3952 1710766	17813	70163	180057	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 3523634	17776 8770977	82631	343765	864778	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 332743	1789 822912	7931	32822	82342	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 2456411	12883 6160982	58711	234659	588667	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 3100032	16402 7798956	75500	303671	757761	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 103545	585 259963	3136	10403	26661	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 2757530	13885 7217833	62930	263398	655965	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCBd 4	QuaF	+++++ 104000	930 263411	2540	9792	26420	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 2136753	10581 5291943	52351	211112	531569	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 2383617	11764 6225993	53764	223022	557327	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 783709	3464 1980087	17953	72360	192499	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 2746165	13848 7175262	66922	266199	665904	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 3349969	16695 8829808	76069	320276	792715	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 3039048	15613 8204127	71065	287797	734007	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1462745	7838 3802130	35243	143273	362086	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1426269	7810 3768743	36750	143682	352617	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 2948004	16096 7942038	70796	285151	716684	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 2583335	13416 6606976	61115	249094	625799	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 1561591	8718 4109924	38174	149752	380374	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 175205	1363 461977	4602	16880	44409	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 1290614	7393 3383624	32031	126789	320866	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1293201	6759 3415565	30985	130447	319376	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 3090884	16626 8645308	73069	286647	738805	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	QuaF	+++++ 75744	646 221572	1843	7320	18411	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 1227814	7065 3661538	29417	115950	298200	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 466906	2722 1302101	11443	43887	106253	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 940627	5904 2897968	22511	87799	232997	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 1248639	6092 3754829	29018	114171	303276	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1 Analy Batch No.: 611714

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2019 18:32 Calibration End Date: 05/22/2019 02:28 Calibration ID: 74972

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 672612	4322 1978691	15948	64897	167130	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	99501 105761	115147 107046	109985	108939	110872	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	89142 86122	103371 100987	98023	101108	96133	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	459482 514269	532588 511976	496684	498583	501176	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	166825 177367	184798 173749	171183	174917	178838	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 21-May-2019 18:32:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0091538-003
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-May-2019 17:43:12 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0302

First Level Reviewer: boykink Date: 22-May-2019 06:29:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Butadiene	54	1.101	1.095	0.006	44	1284	0.2500	0.3182	a
* 29 TBA-d9 (IS)	65	2.208	2.208	0.000	40	107107	1000.0	1000.0	a
35 Acrylonitrile	53	2.549	2.549	0.000	49	587	2.00	1.67	a
$ 47 Dibromofluoromethane (Surr	113	3.230	3.236	-0.006	97	99501	50.0	49.4	
* 49 2-Butanone-d5	46	3.291	3.297	-0.006	0	87008	250.0	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	98	89142	50.0	49.7	
* 61 Fluorobenzene	96	3.893	3.899	-0.006	99	371645	50.0	50.0	
* 70 1,4-Dioxane-d8	96	4.794	4.800	-0.006	30	12419	1000.0	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	99	459482	50.0	49.3	
78 Epichlorohydrin	57	5.572	5.572	0.000	8	715	5.00	6.53	a
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	86	395680	50.0	50.0	
$ 101 4-Bromofluorobenzene	174	9.107	9.113	-0.006	95	166825	50.0	51.3	
* 117 1,4-Dichlorobenzene-d4	152	10.299	10.299	0.000	94	239117	50.0	50.0	

QC Flag Legend

Review Flags
a - User Assigned ID

Reagents:

GASES Li_00315	Amount Added:	2.50	Units: uL	
8260MIX1COMB_00097	Amount Added:	0.00	Units: uL	
ACROLEIN W_00090	Amount Added:	0.00	Units: uL	
GAS Hi_00306	Amount Added:	0.00	Units: uL	
MIX I Hi_00108	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00083	Amount Added:	0.00	Units: uL	
Ethanol mix_00028	Amount Added:	0.00	Units: uL	
8FreonHi_00004	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00098	Amount Added:	0.00	Units: uL	
524freon_00006	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00061	Amount Added:	20.00	Units: uL	
8260SURR250_00195	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00128	Amount Added:	1.00	Units: uL	Run Reagent

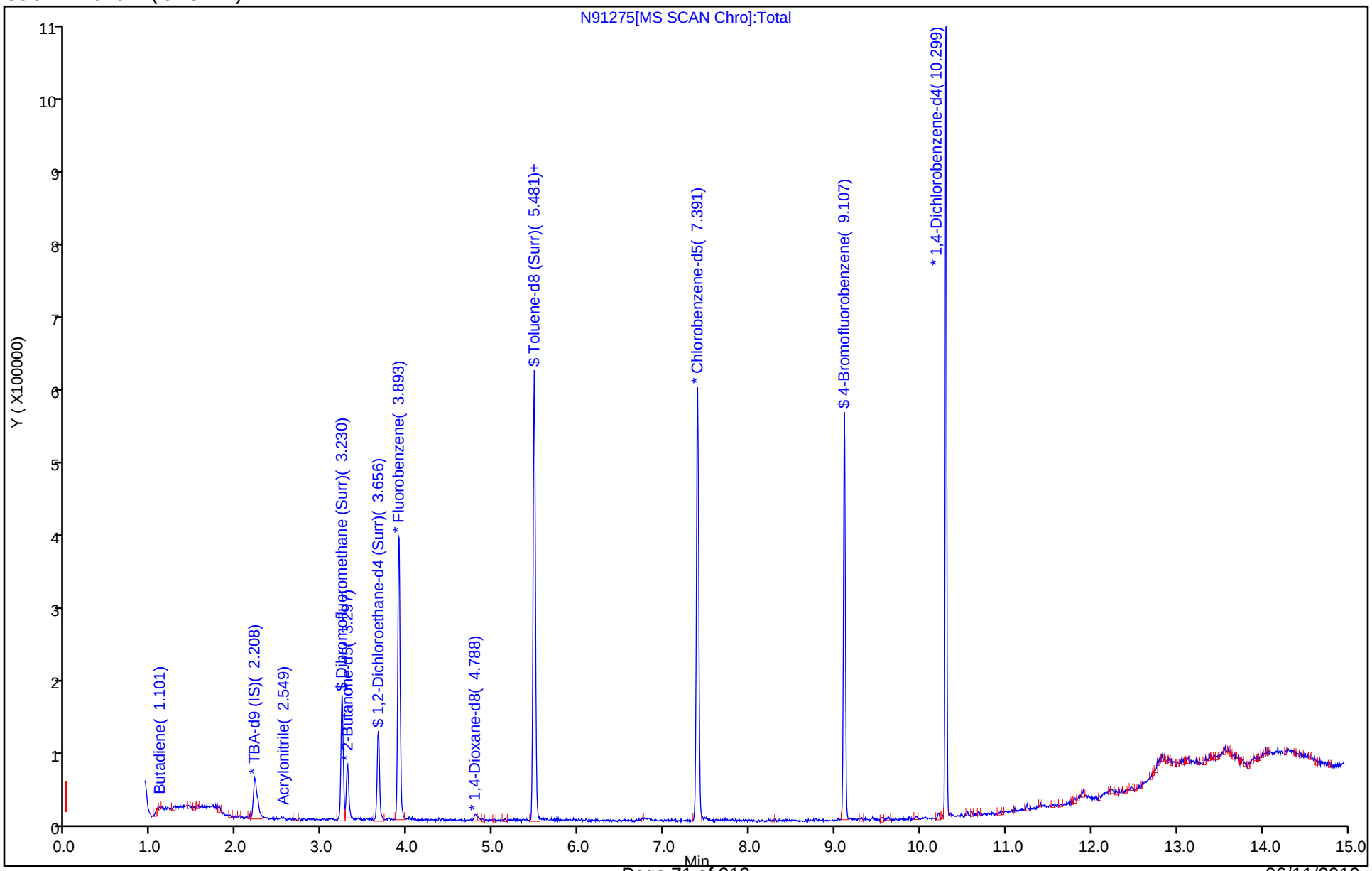
Report Date: 22-May-2019 17:43:12 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D

Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

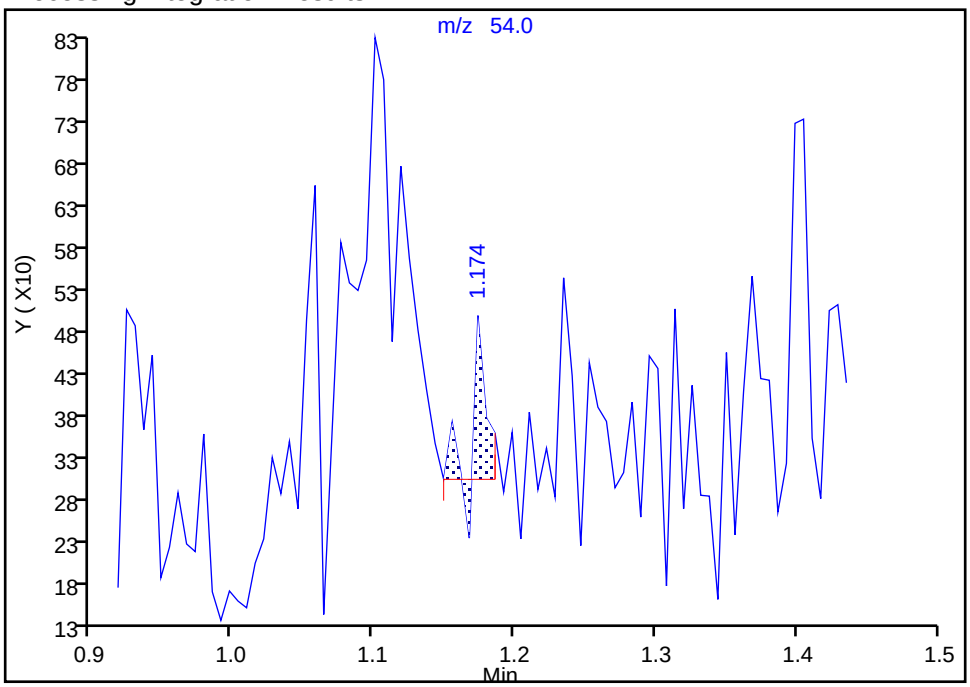
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Butadiene, CAS: 106-99-0

Signal: 1

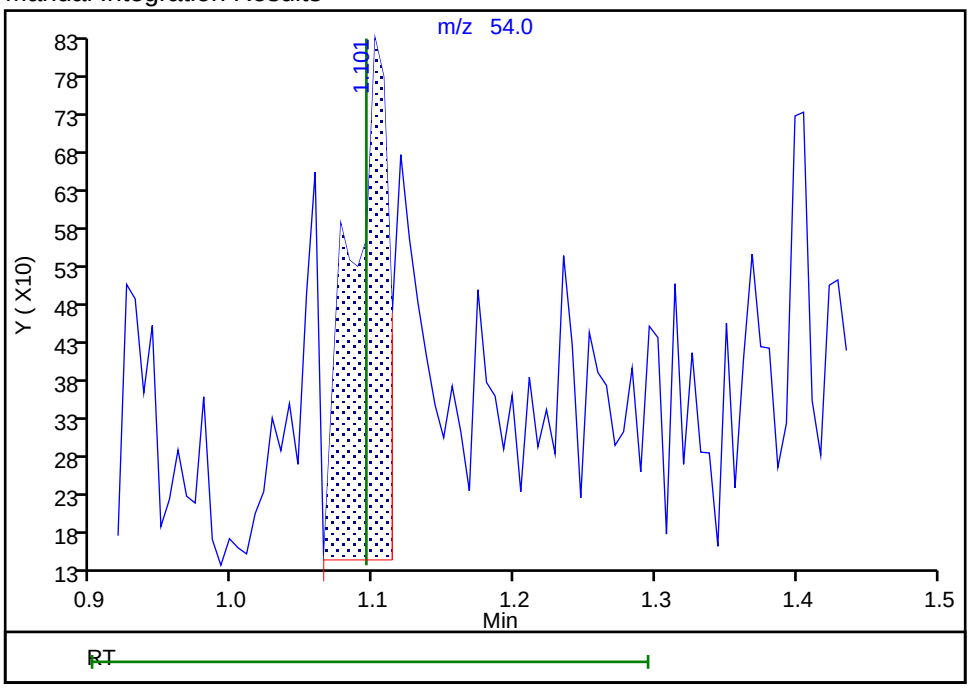
Processing Integration Results

RT: 1.17
Area: 120
Amount: 0.030293
Amount Units: ug/l



Manual Integration Results

RT: 1.10
Area: 1284
Amount: 0.318248
Amount Units: ug/l



Reviewer: boykink, 22-May-2019 06:30:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

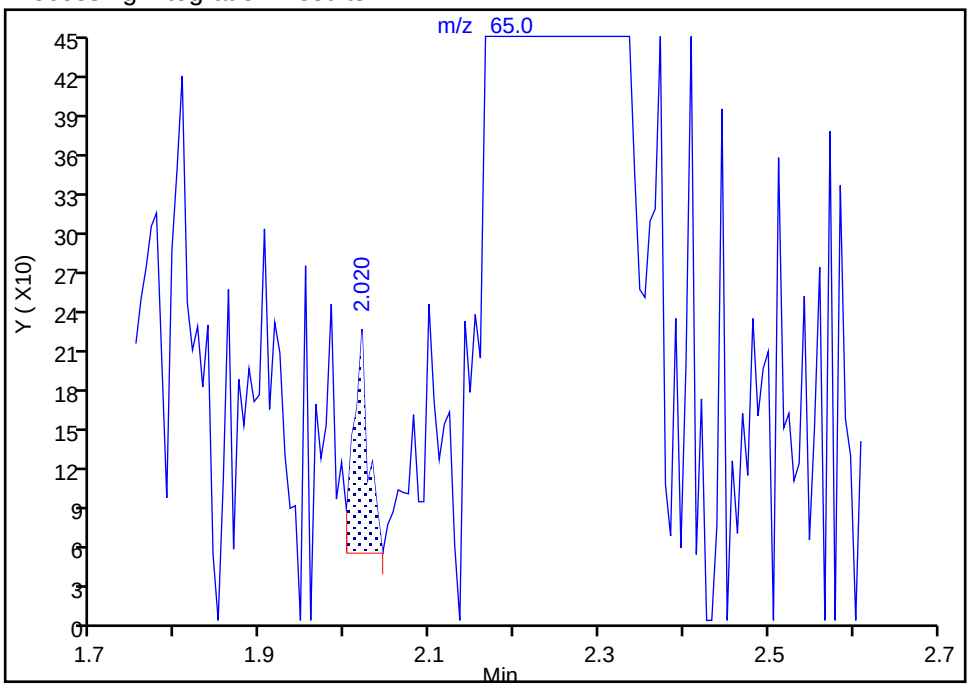
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

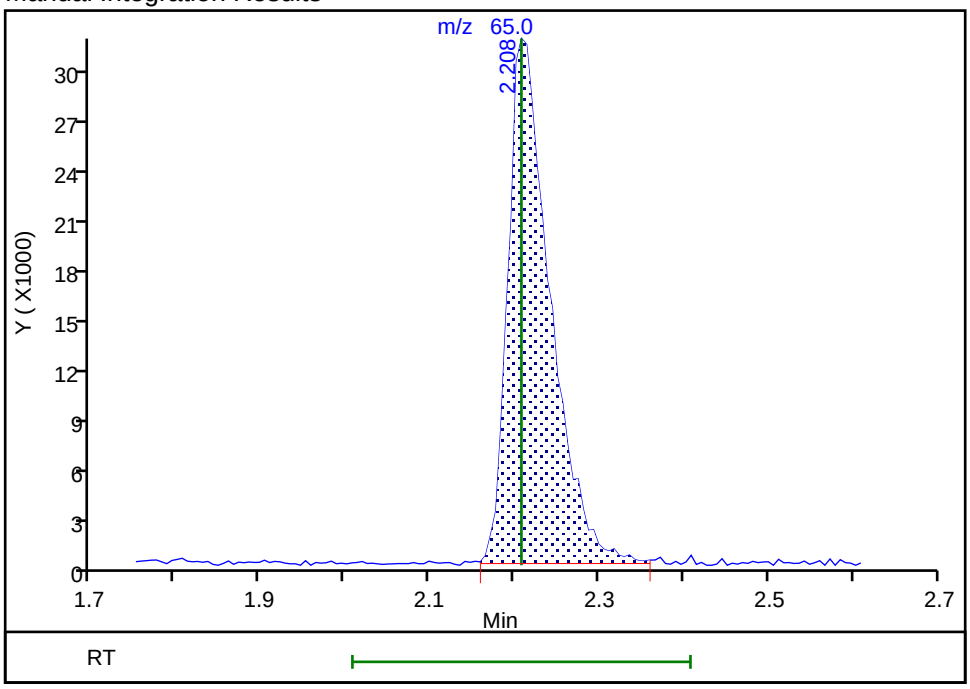
Processing Integration Results

RT: 2.02
Area: 202
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.21
Area: 107107
Amount: 1000.0000
Amount Units: ug/l



Reviewer: boykink, 22-May-2019 06:56:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

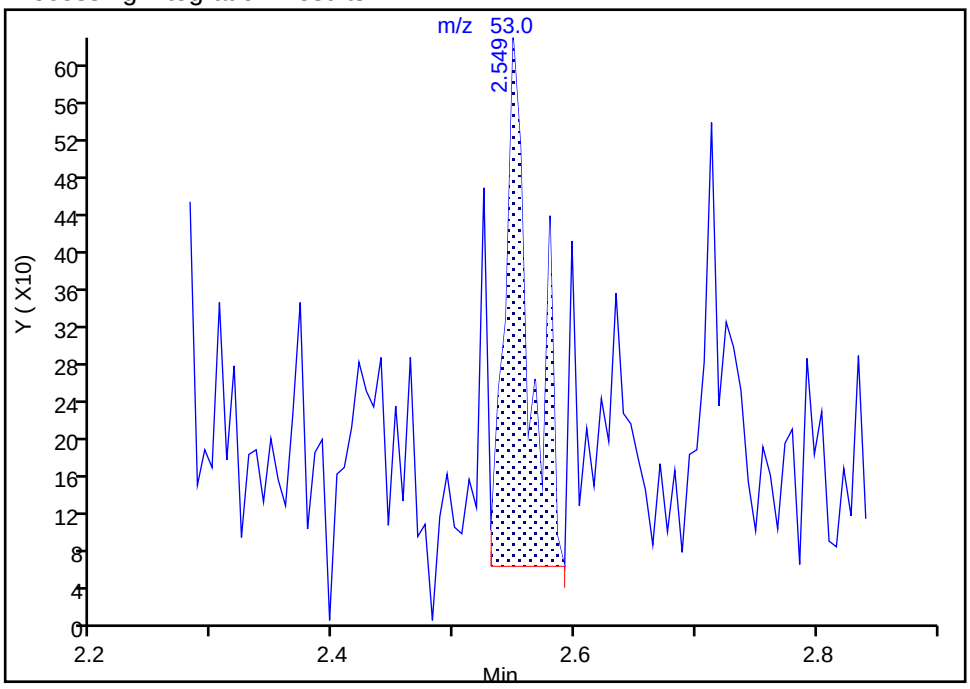
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 Acrylonitrile, CAS: 107-13-1

Signal: 1

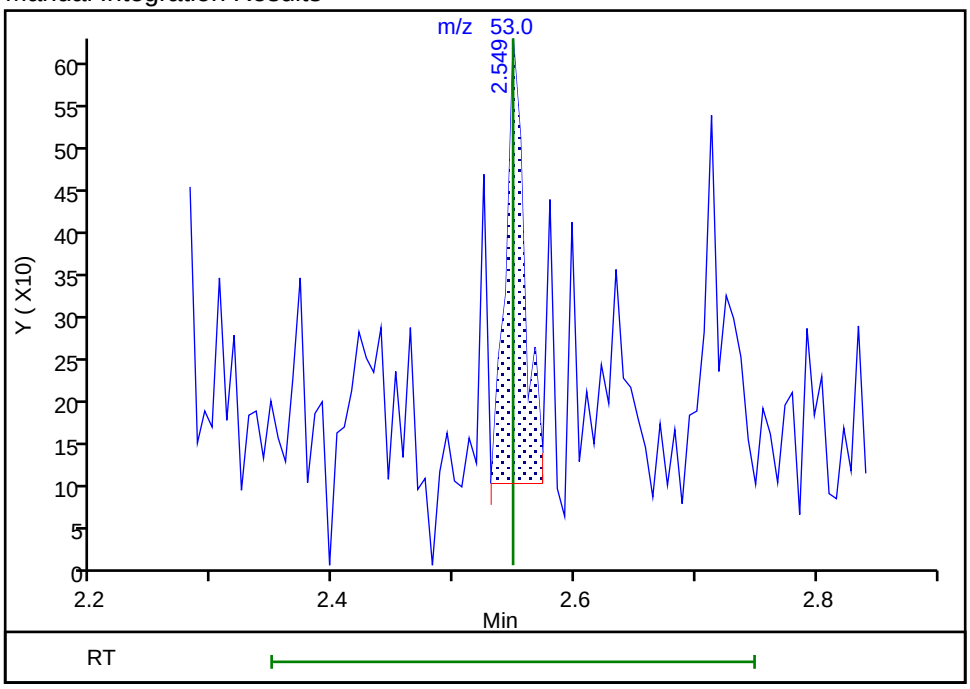
Processing Integration Results

RT: 2.55
Area: 850
Amount: 13.865513
Amount Units: ug/l



Manual Integration Results

RT: 2.55
Area: 587
Amount: 1.669527
Amount Units: ug/l



Reviewer: boykink, 22-May-2019 06:50:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

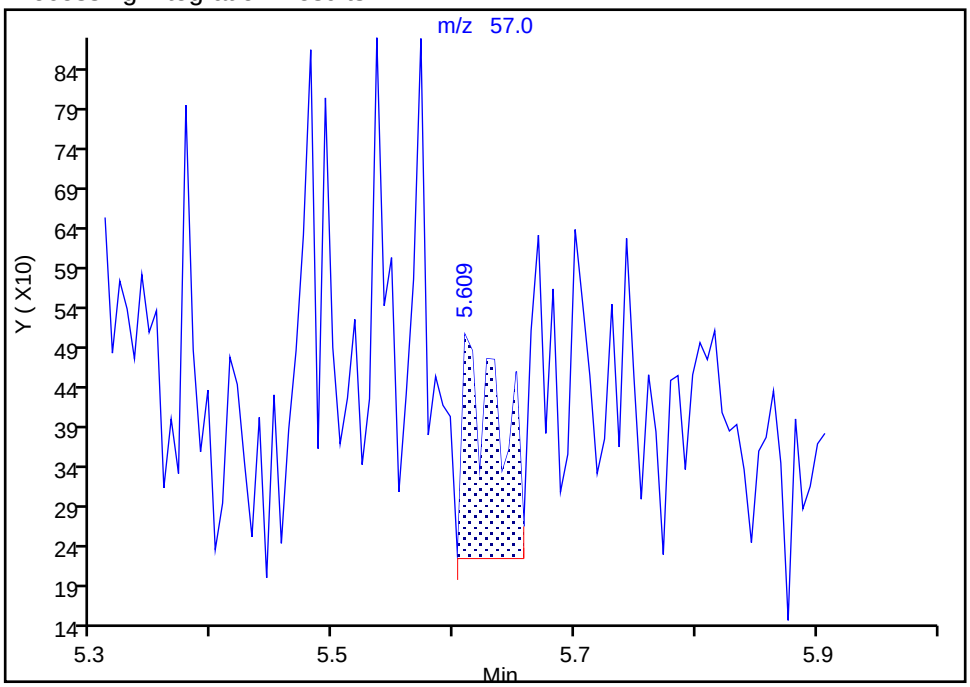
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

78 Epichlorohydrin, CAS: 106-89-8

Signal: 1

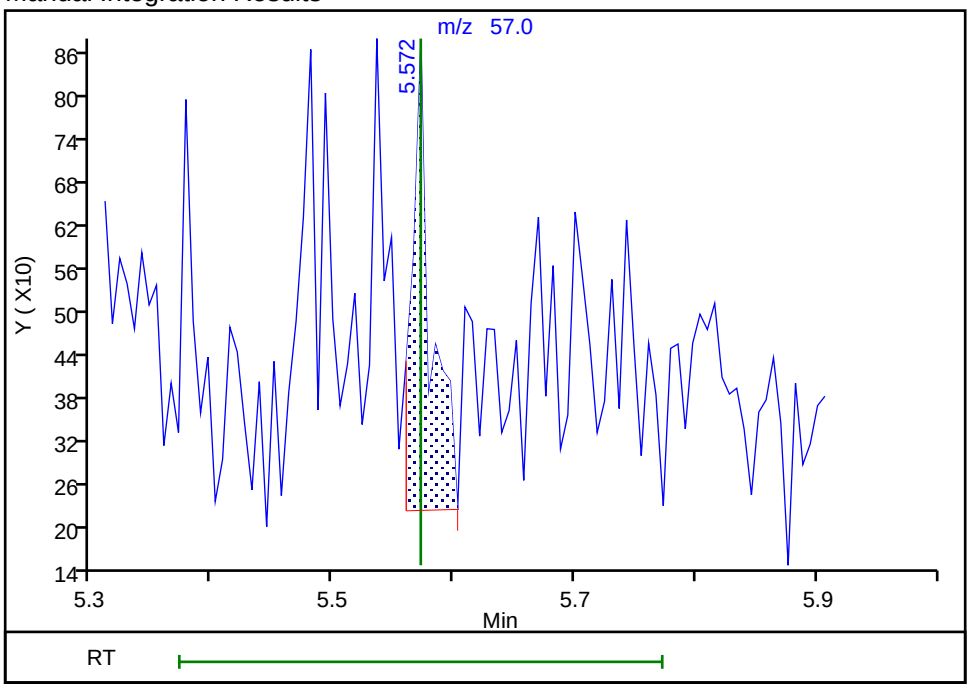
Processing Integration Results

RT: 5.61
Area: 603
Amount: 5.663607
Amount Units: ug/l



Manual Integration Results

RT: 5.57
Area: 715
Amount: 6.525679
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:09:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

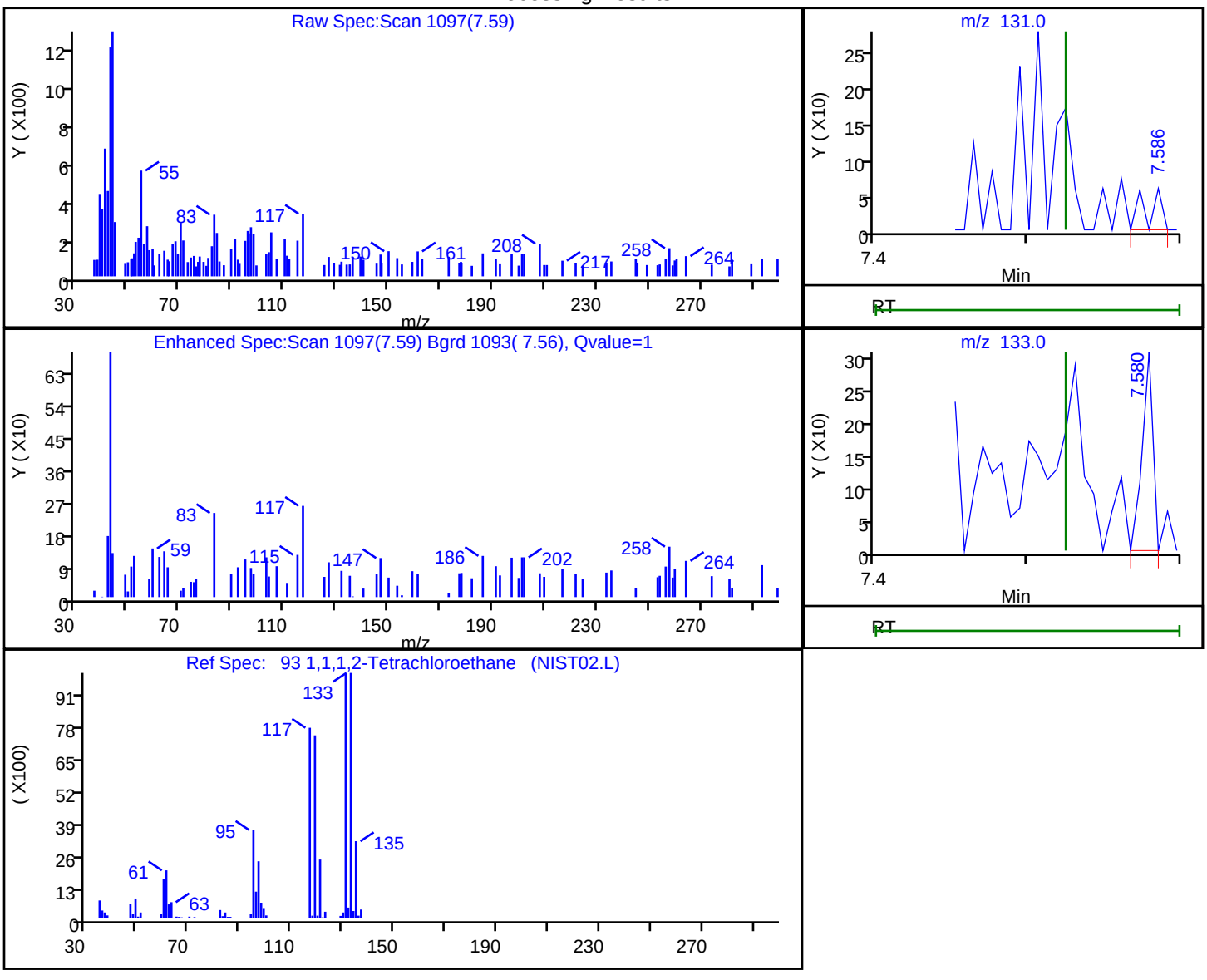
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

93 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
7.59	131.00	42	0.013856
7.58	133.00	151	

Reviewer: boykink, 22-May-2019 06:32:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

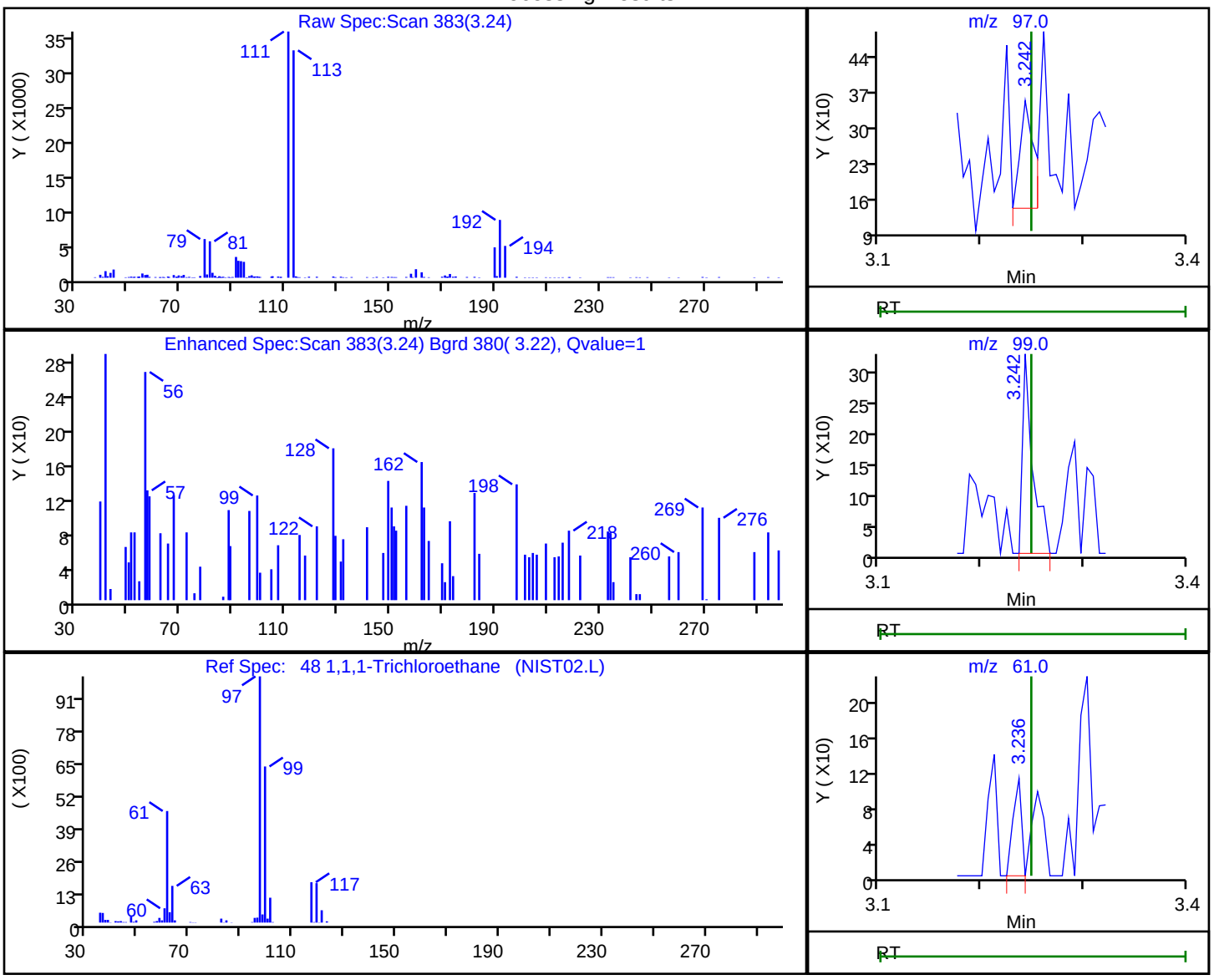
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

48 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
3.24	97.00	199	0.042755
3.24	99.00	231	
3.24	61.00	64	

Reviewer: boykink, 22-May-2019 06:31:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

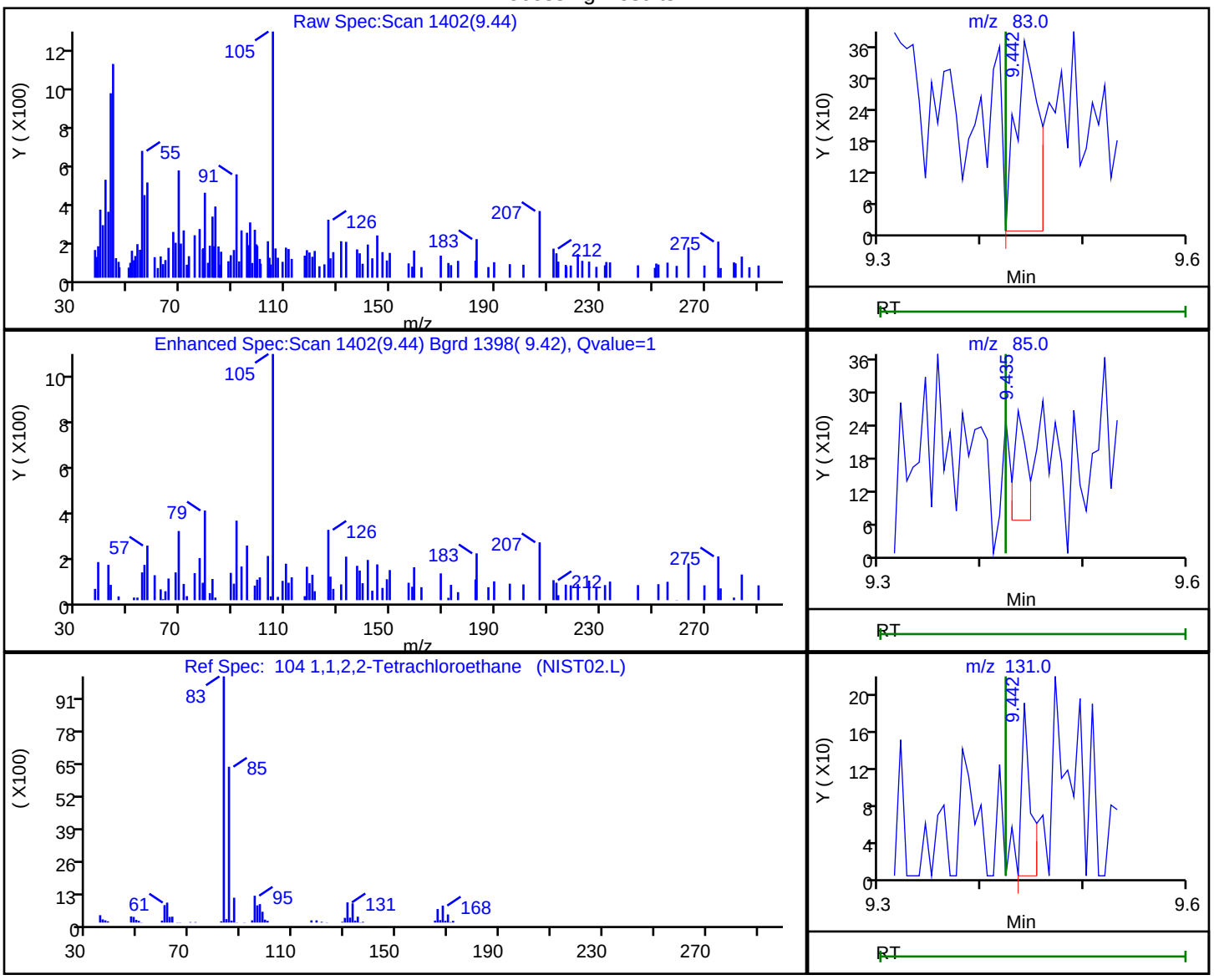
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

104 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.44	83.00	557	0.369154
9.44	85.00	174	
9.44	131.00	114	

Reviewer: boykink, 22-May-2019 06:32:21

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

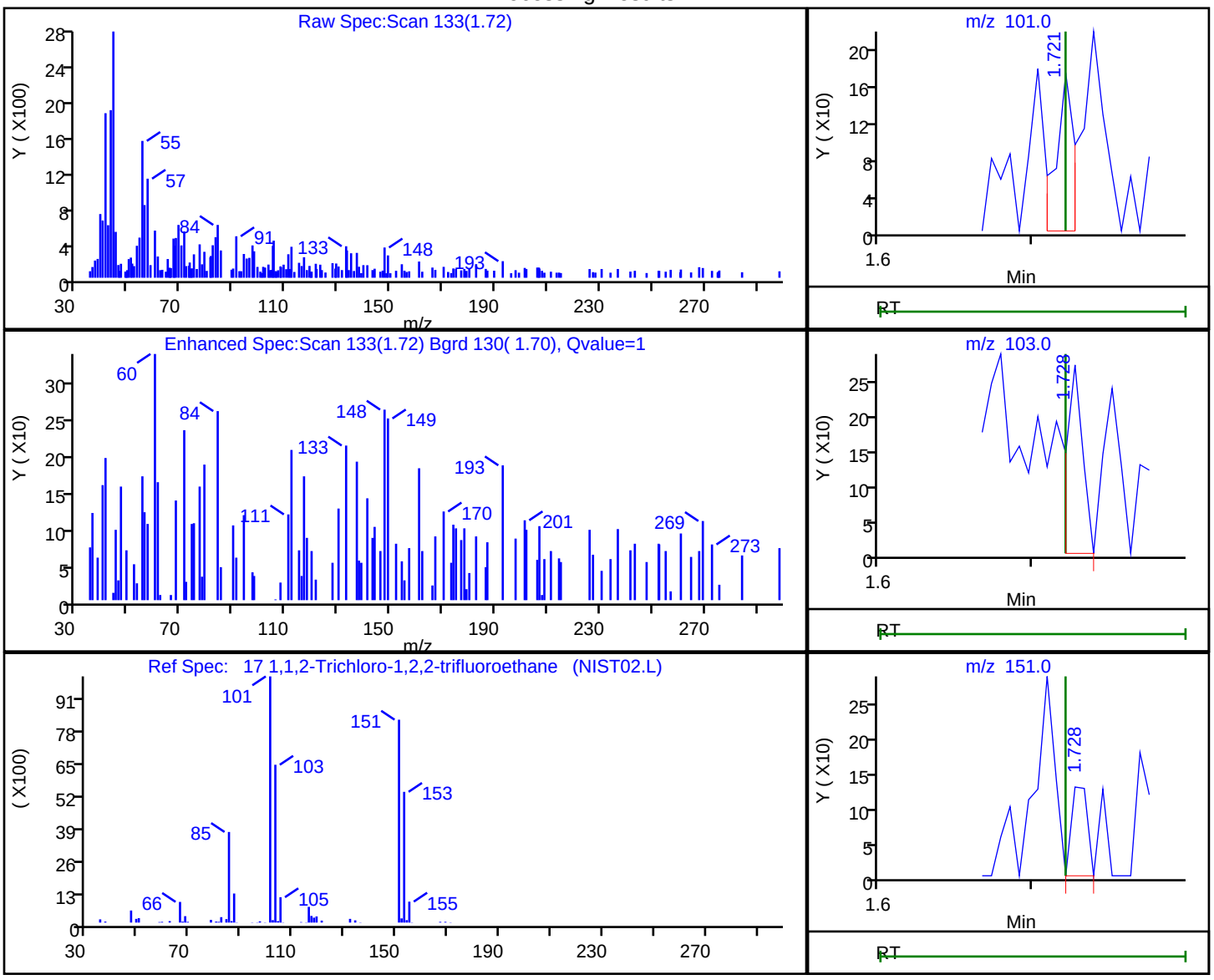
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
1.72	101.00	146	0.049147
1.73	103.00	199	
1.73	151.00	91	
1.72	85.00	292	

Reviewer: boykink, 22-May-2019 06:30:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

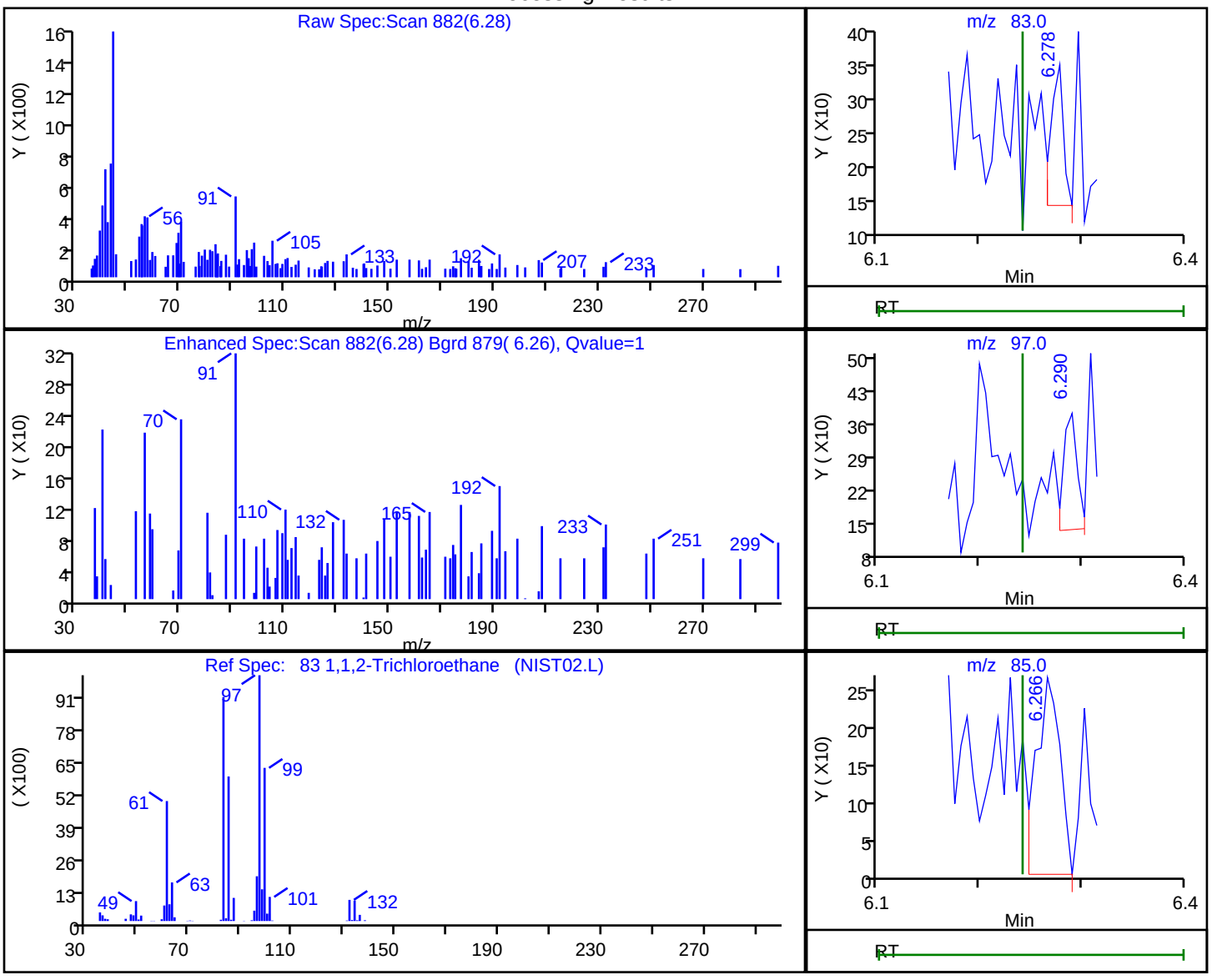
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

83 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.28	83.00	173	0.142845
6.29	97.00	231	
6.27	85.00	424	

Reviewer: boykink, 22-May-2019 06:32:02

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

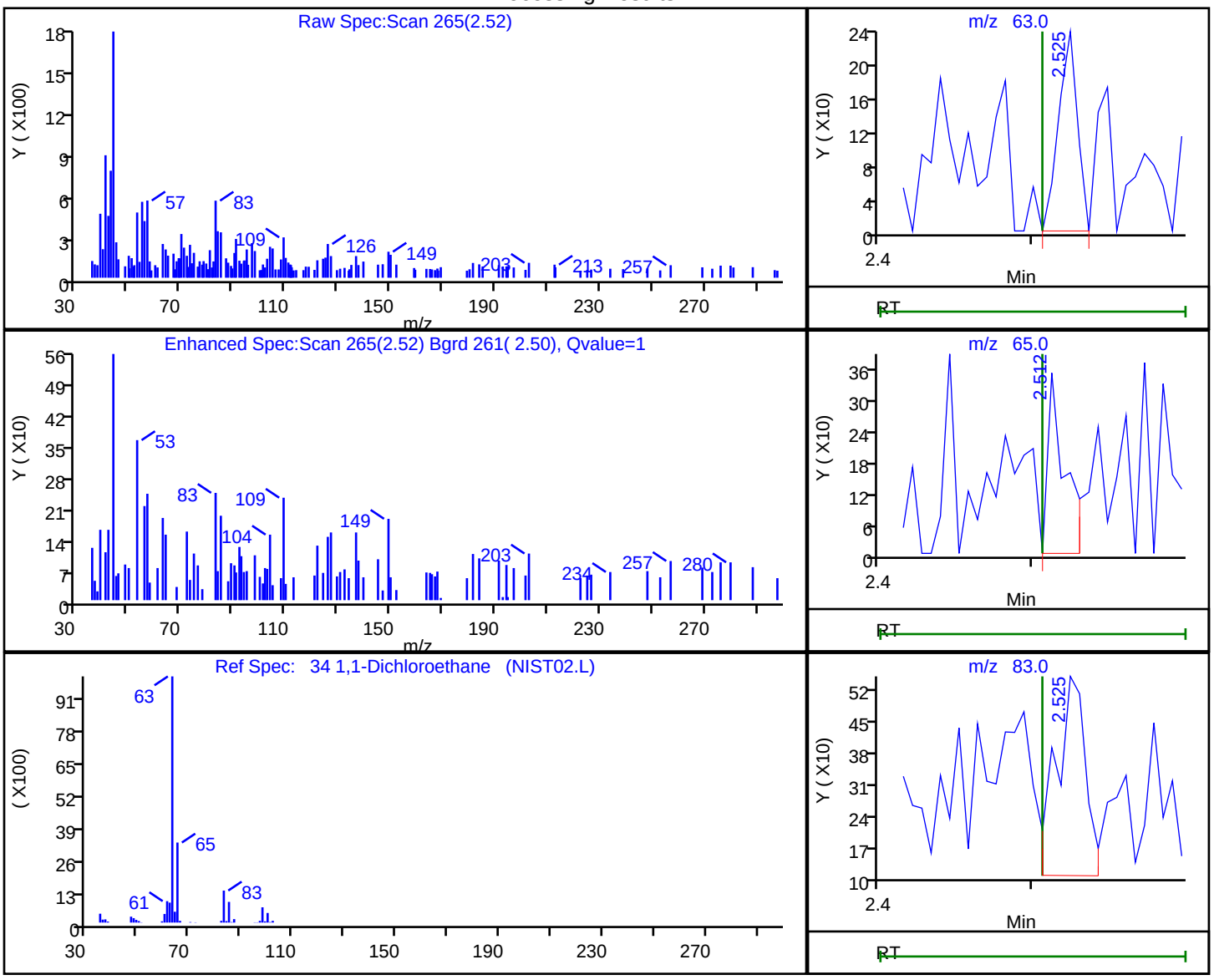
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

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

Processing Results



RT	Mass	Response	Amount
2.52	63.00	206	0.050036
2.51	65.00	277	
2.52	83.00	605	

Reviewer: boykink, 22-May-2019 06:31:19

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

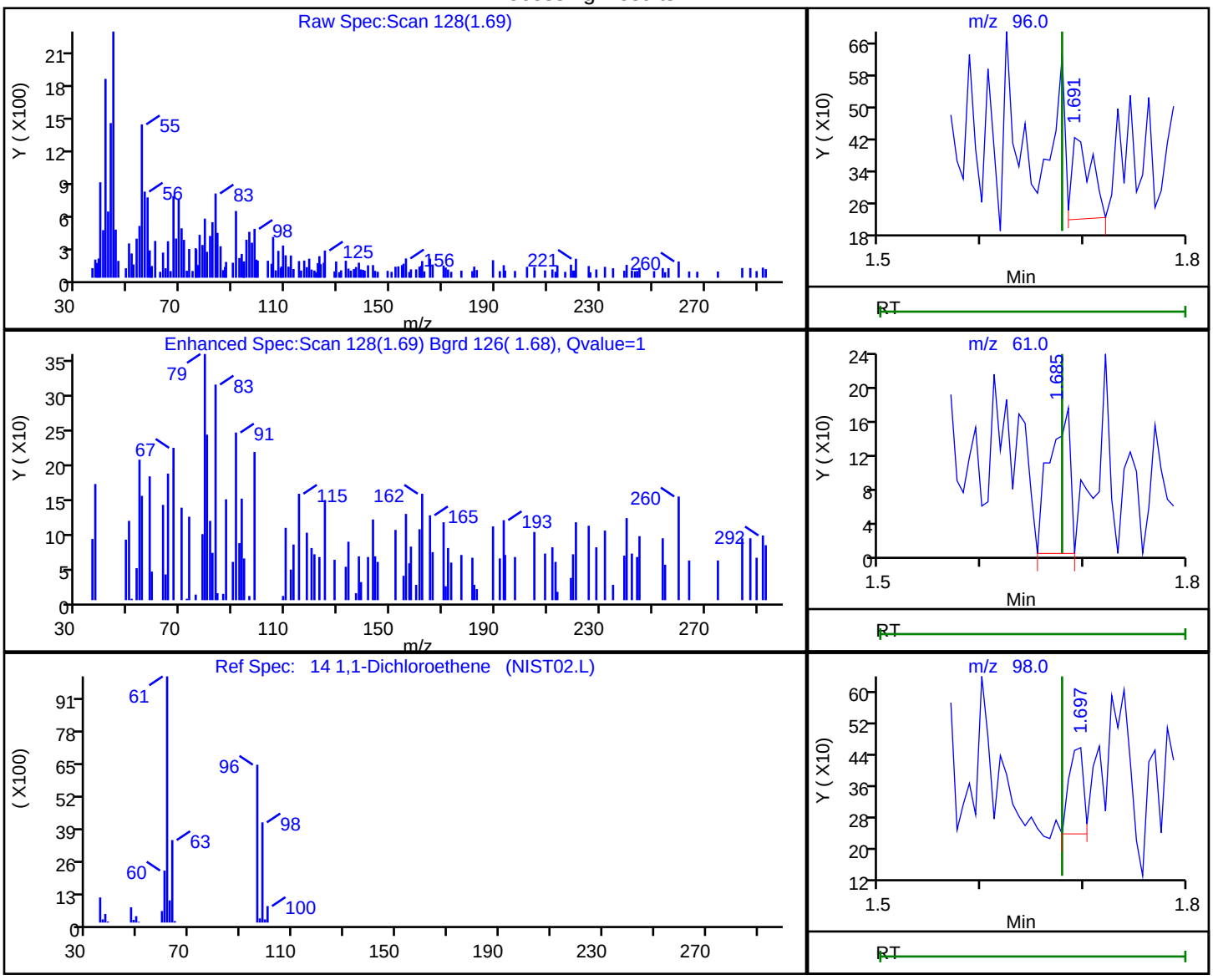
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
1.69	96.00	272	0.126705
1.68	61.00	241	
1.70	98.00	218	
1.69	63.00	325	

Reviewer: boykink, 22-May-2019 06:30:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

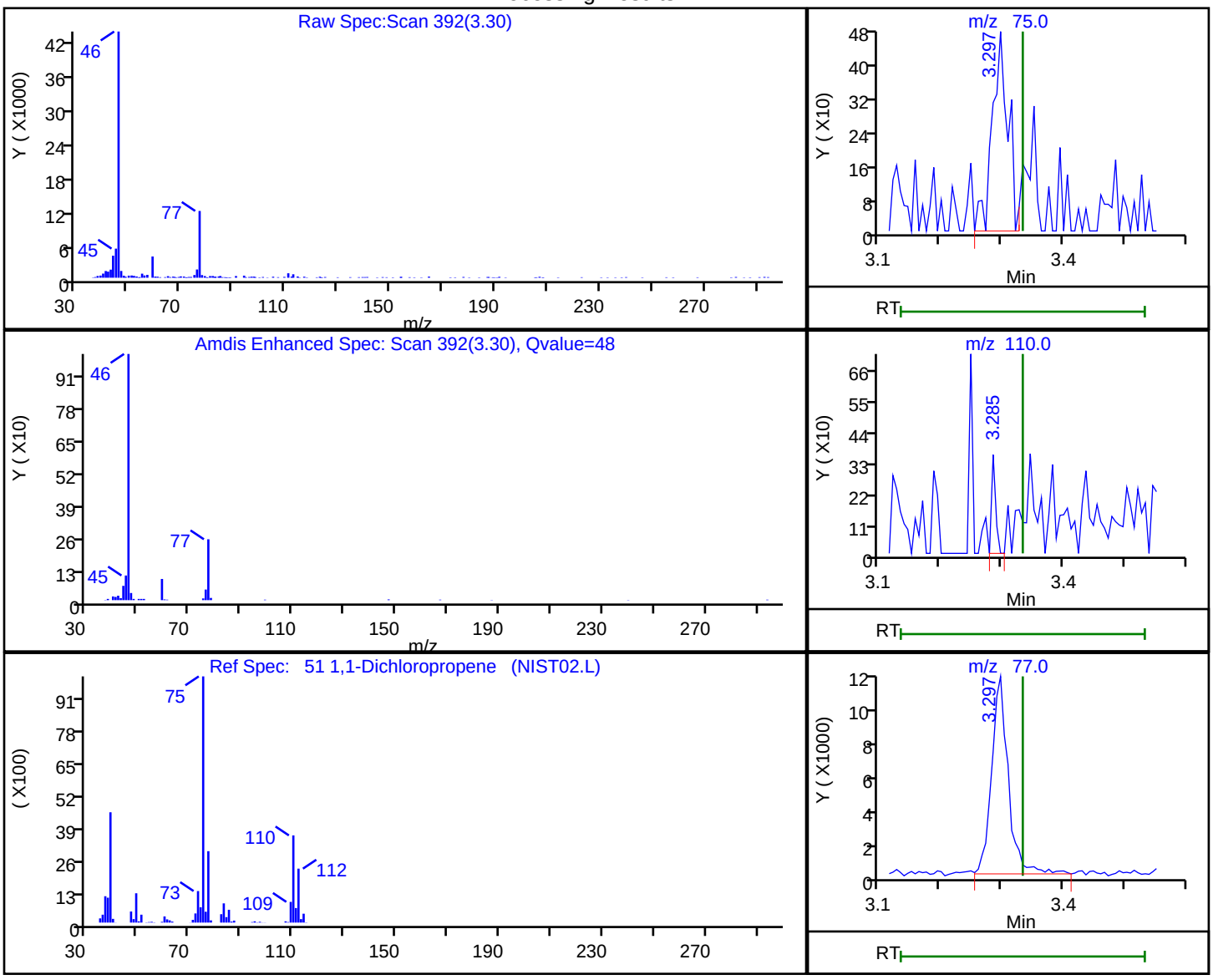
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

51 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
3.30	75.00	846	0.235731
3.28	110.00	165	
3.30	77.00	22002	

Reviewer: boykink, 22-May-2019 06:31:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

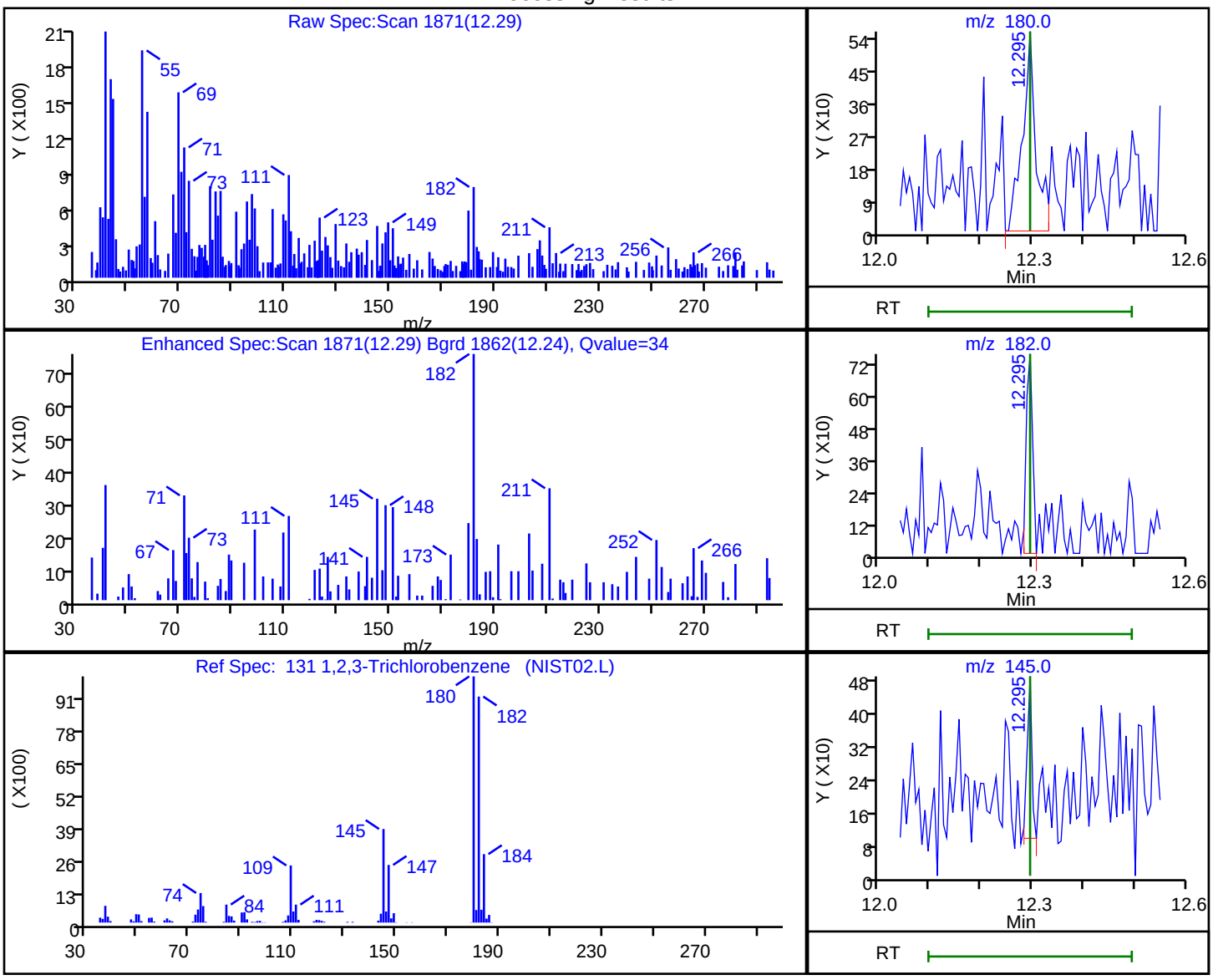
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

131 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.29	180.00	1029	0.317409
12.29	182.00	660	
12.29	145.00	260	

Reviewer: boykink, 22-May-2019 06:32:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

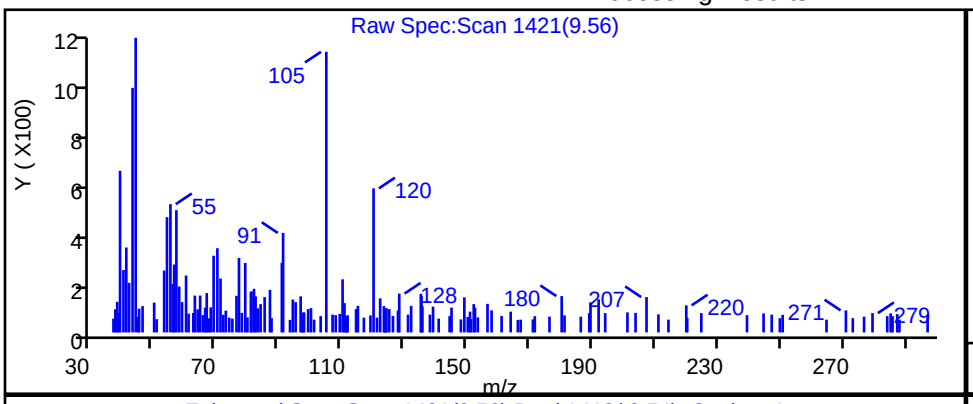
User Disabled Compound Report

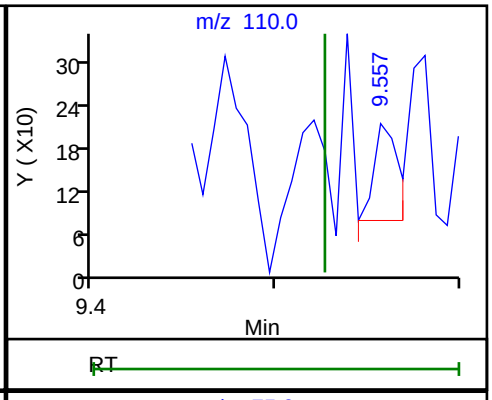
Eurofins TestAmerica, Edison

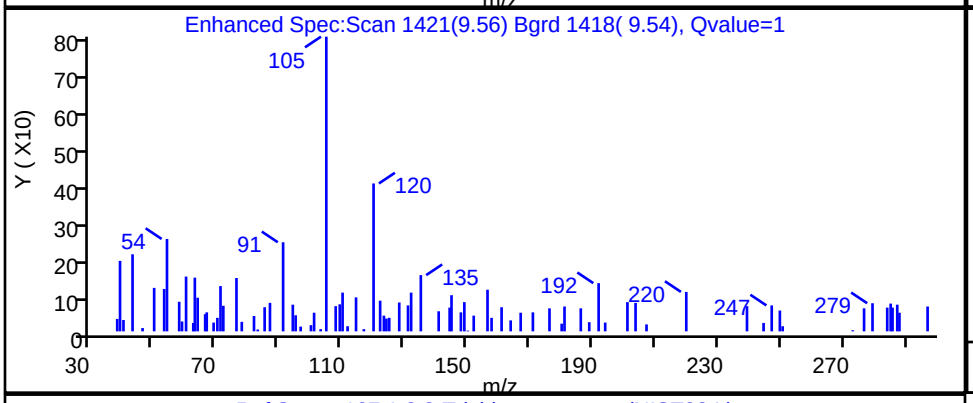
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

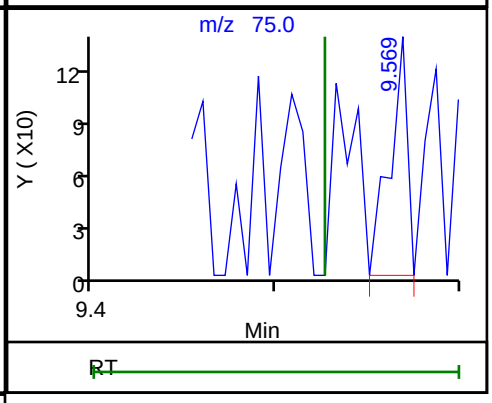
107 1,2,3-Trichloropropane, CAS: 96-18-4

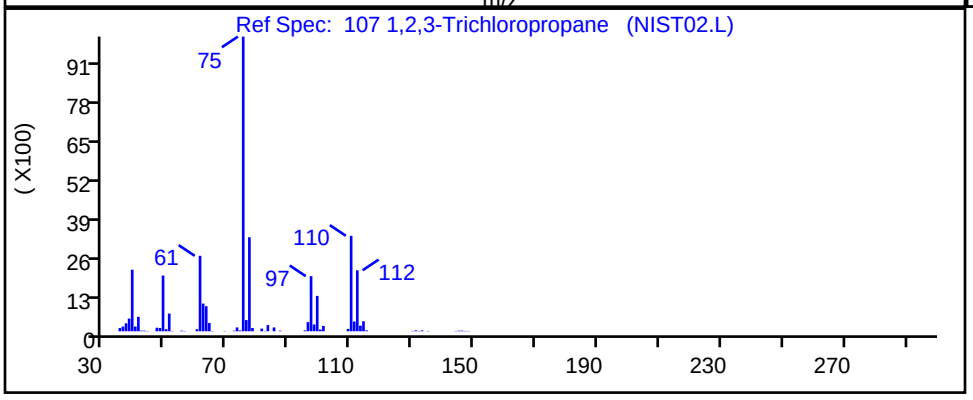
Processing Results











RT	Mass	Response	Amount
9.56	110.00	126	0.254507
9.57	75.00	88	

Reviewer: boykink, 22-May-2019 06:32:23

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

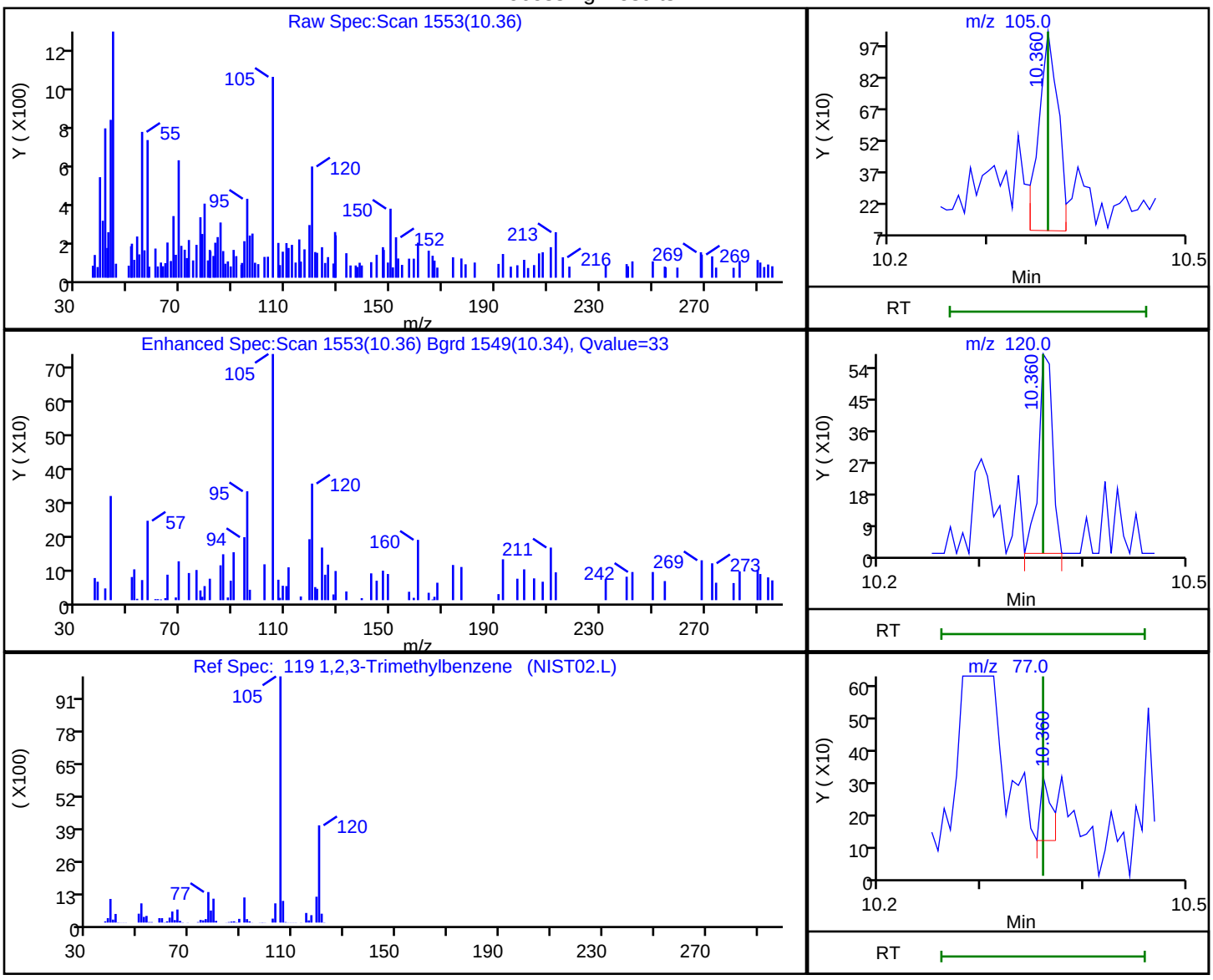
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.36	105.00	1323	0.097540
10.36	120.00	541	
10.36	77.00	148	

Reviewer: boykink, 22-May-2019 06:32:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

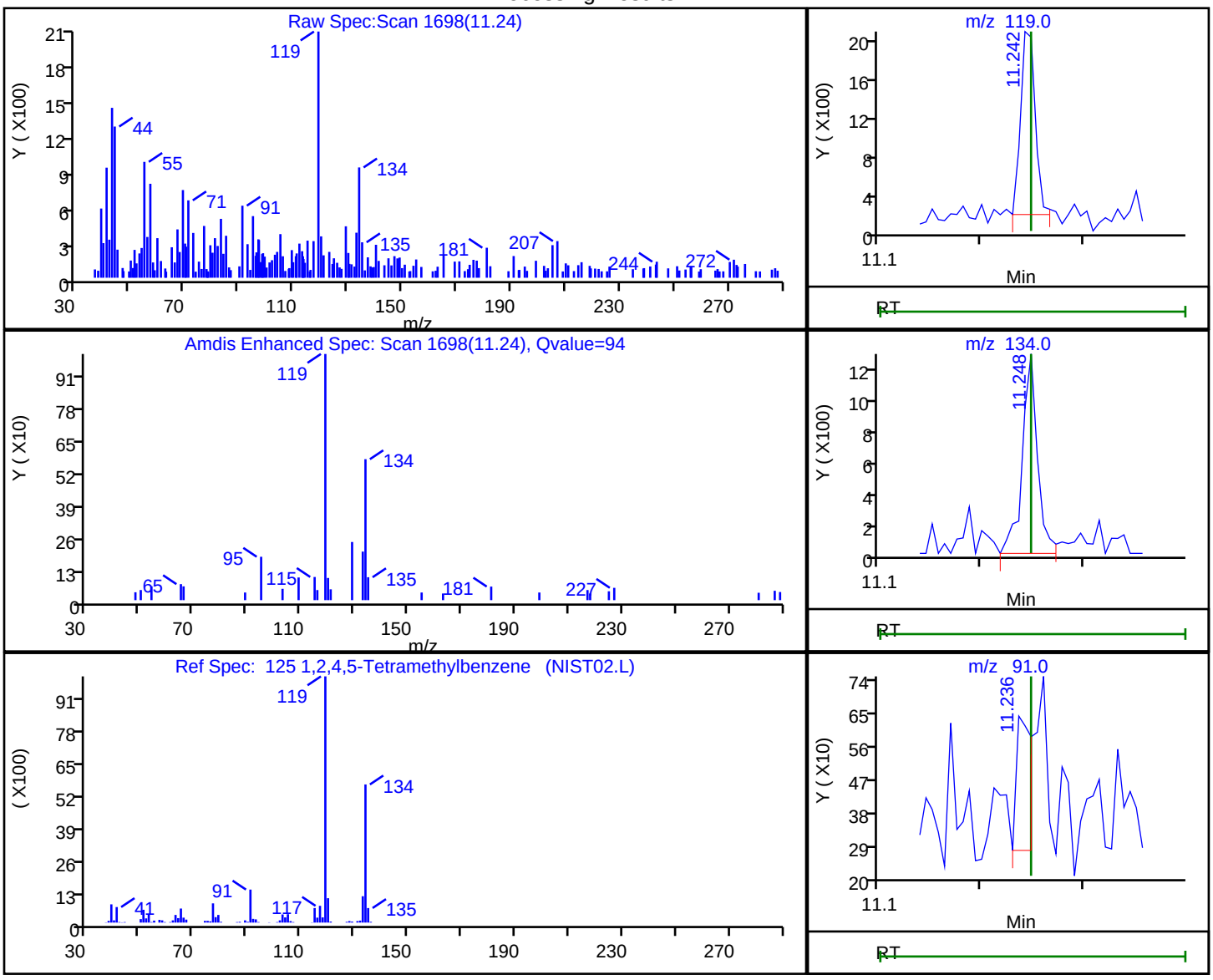
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.24	119.00	1904	0.135107
11.25	134.00	1331	
11.24	91.00	370	

Reviewer: boykink, 22-May-2019 06:32:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

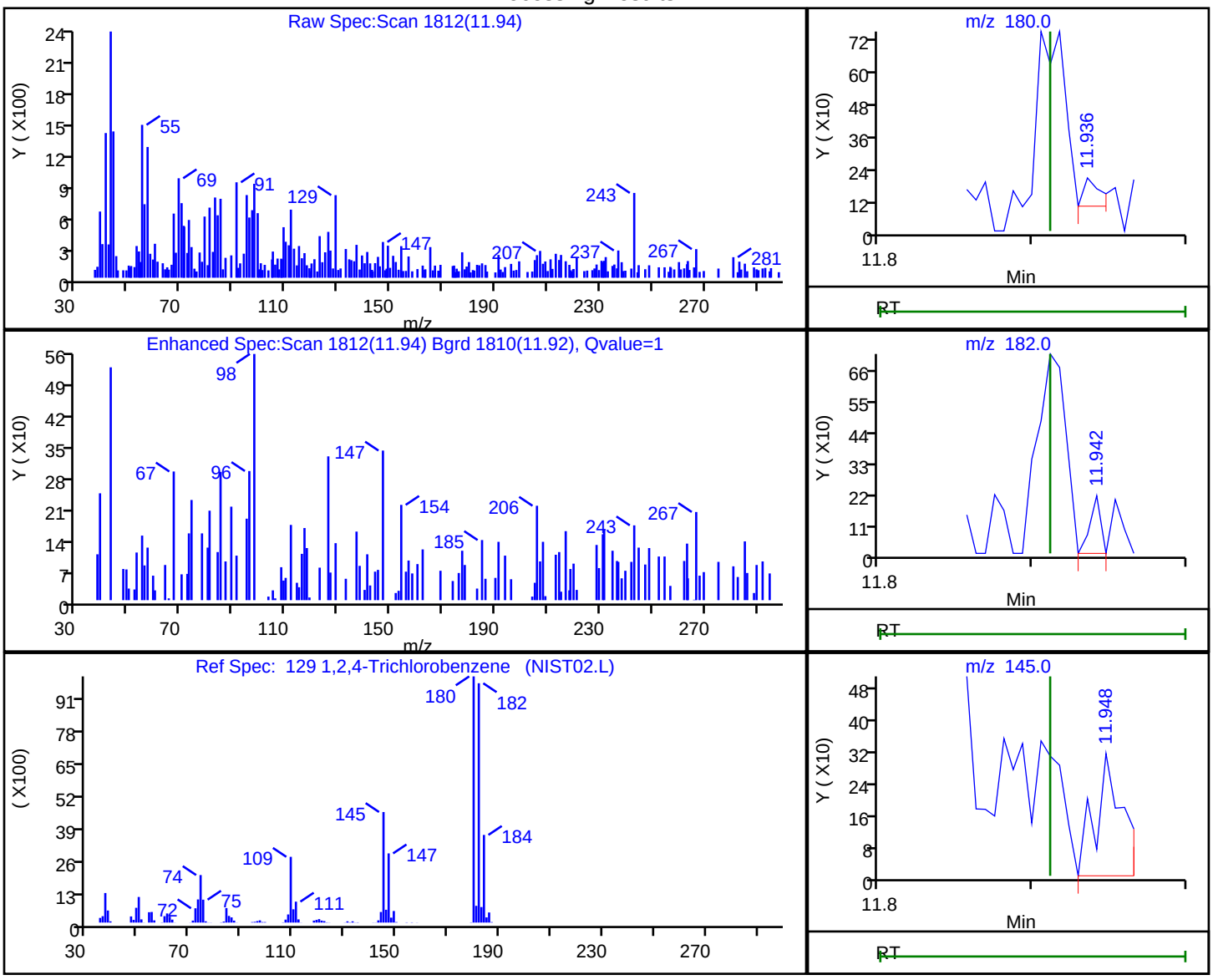
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

129 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
11.94	180.00	79	0.017437
11.94	182.00	100	
11.95	145.00	379	

Reviewer: boykink, 22-May-2019 06:32:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

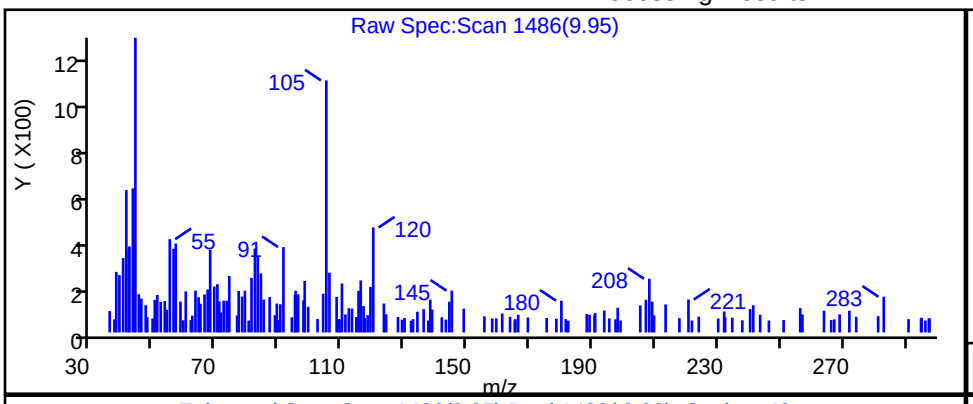
User Disabled Compound Report

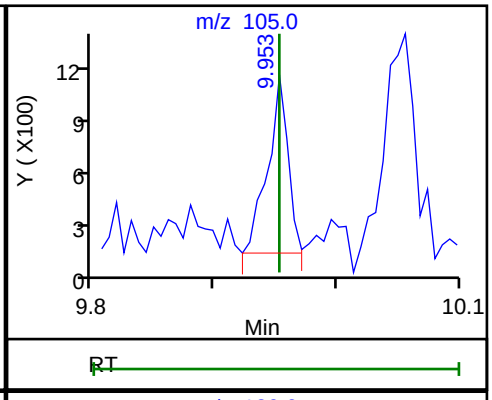
Eurofins TestAmerica, Edison

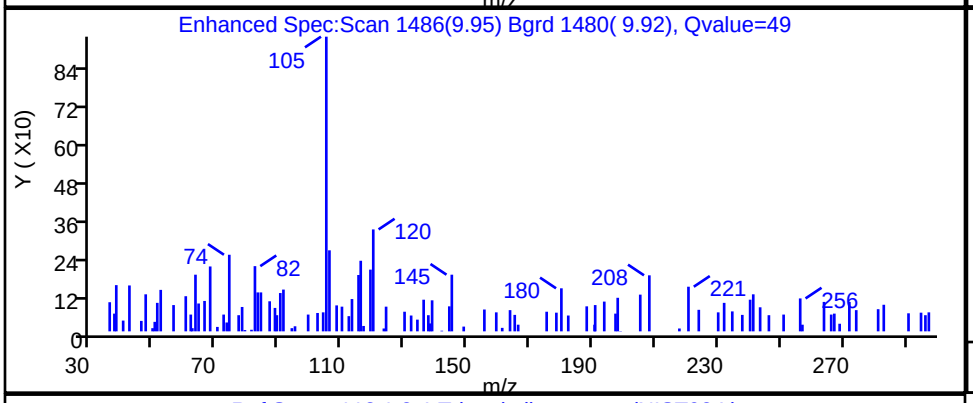
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

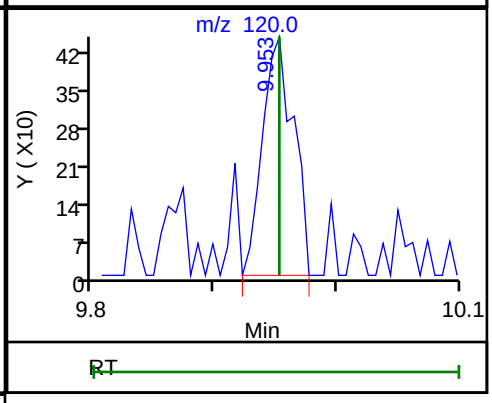
113 1,2,4-Trimethylbenzene, CAS: 95-63-6

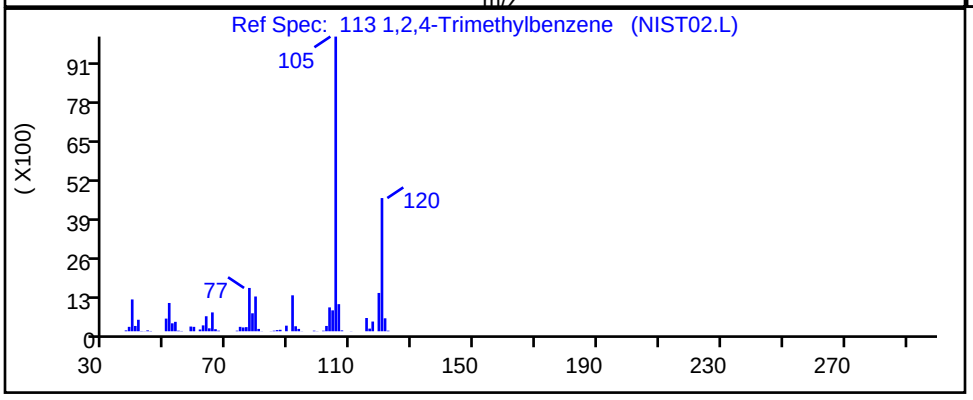
Processing Results











RT	Mass	Response	Amount
9.95	105.00	1122	0.090321
9.95	120.00	795	

Reviewer: boykink, 22-May-2019 06:32:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

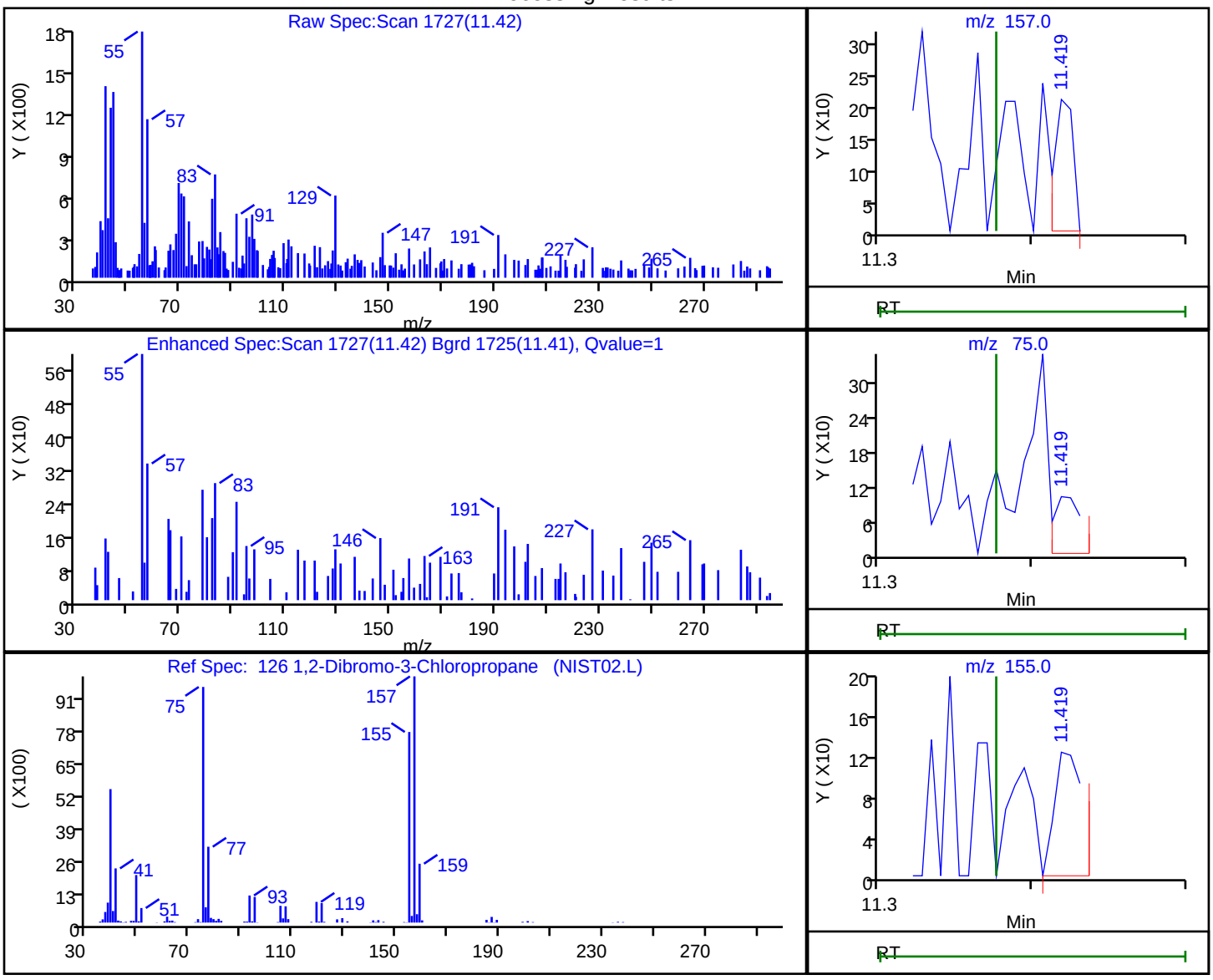
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
11.42	157.00	181	0.563381
11.42	75.00	113	
11.42	155.00	137	

Reviewer: boykink, 22-May-2019 06:32:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

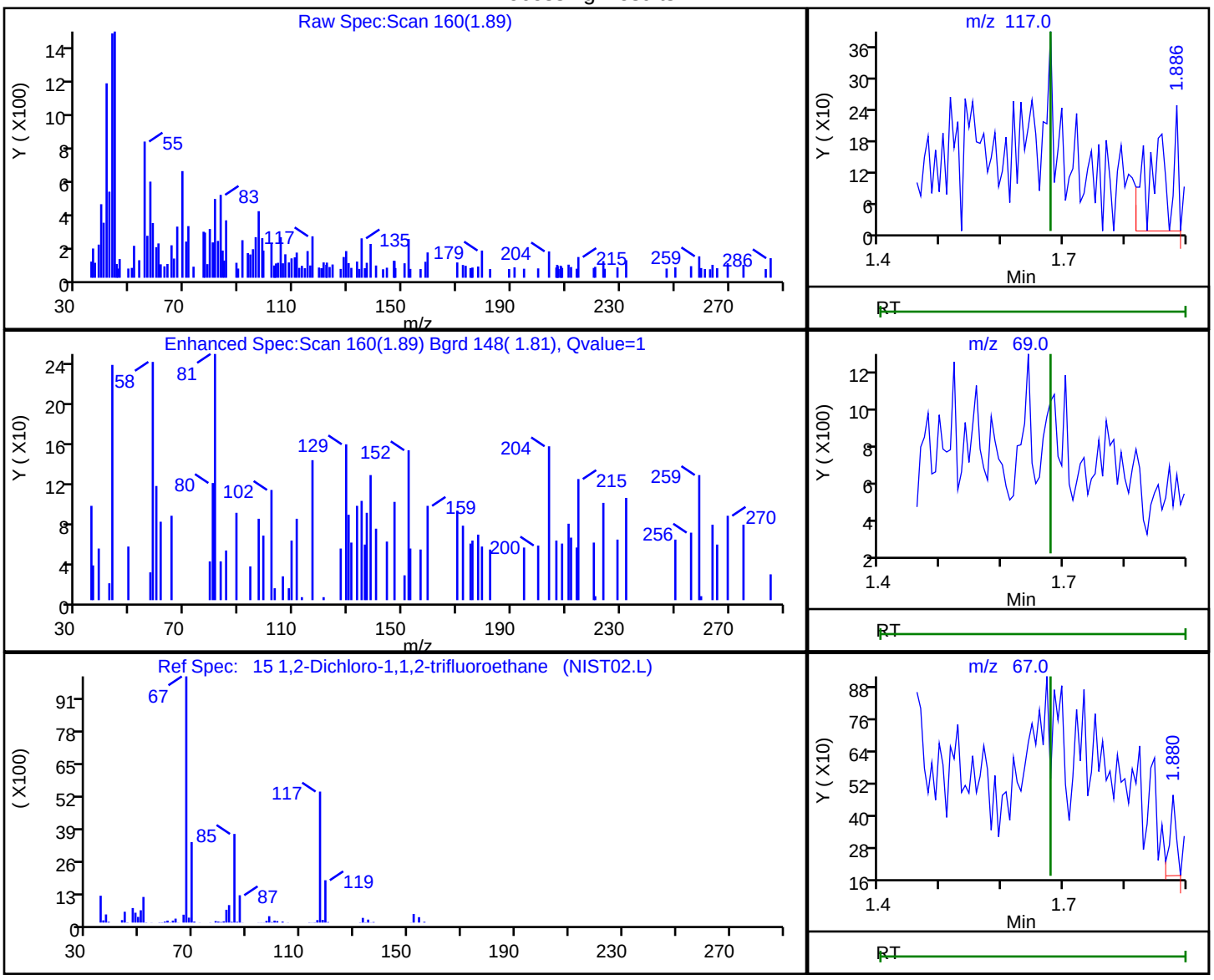
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
1.89	117.00	491	0.049048
1.87	69.00	1473	
1.88	67.00	220	
1.88	119.00	293	

Reviewer: boykink, 22-May-2019 06:30:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

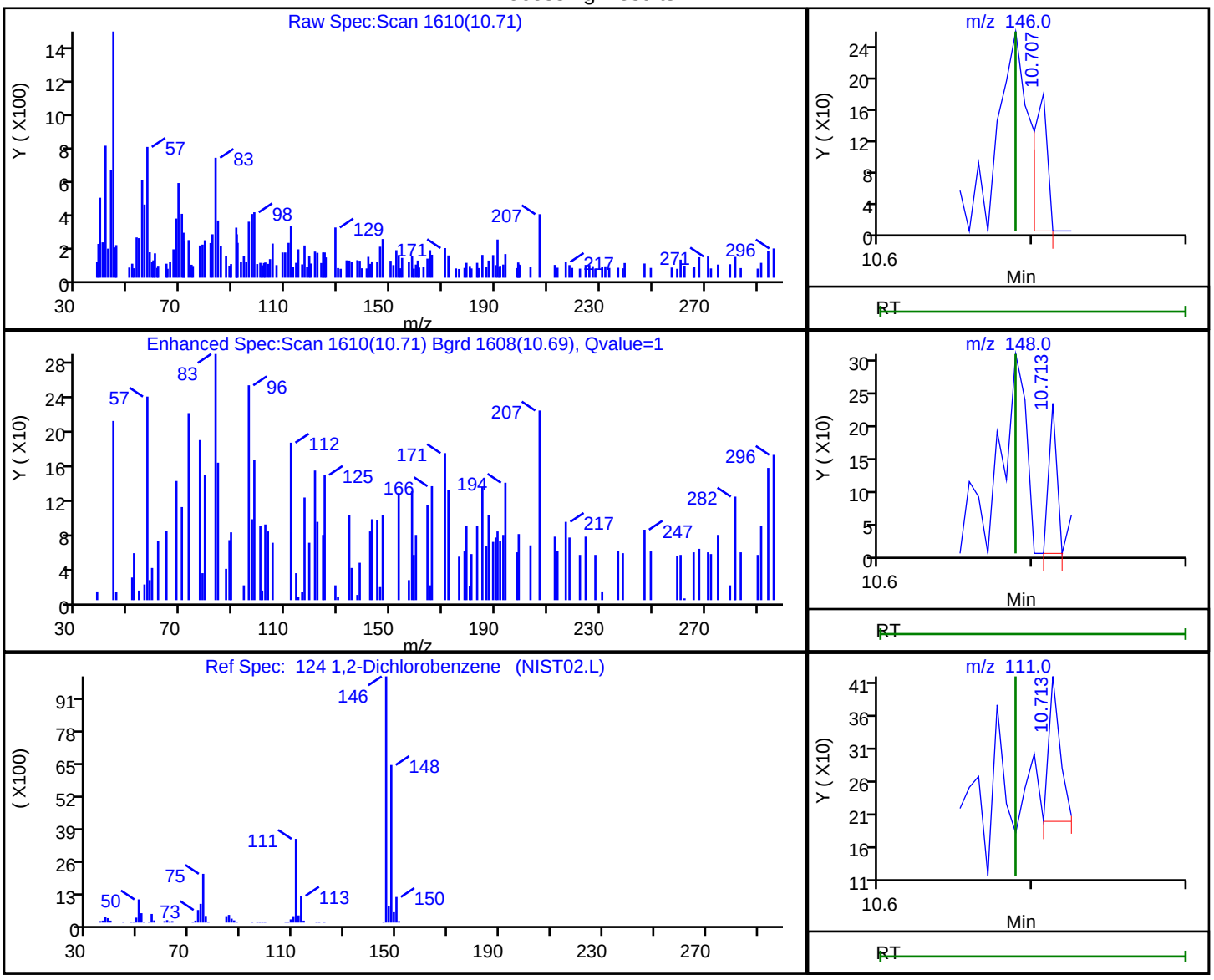
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

124 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.71	146.00	111	0.018696
10.71	148.00	83	
10.71	111.00	109	

Reviewer: boykink, 22-May-2019 06:32:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

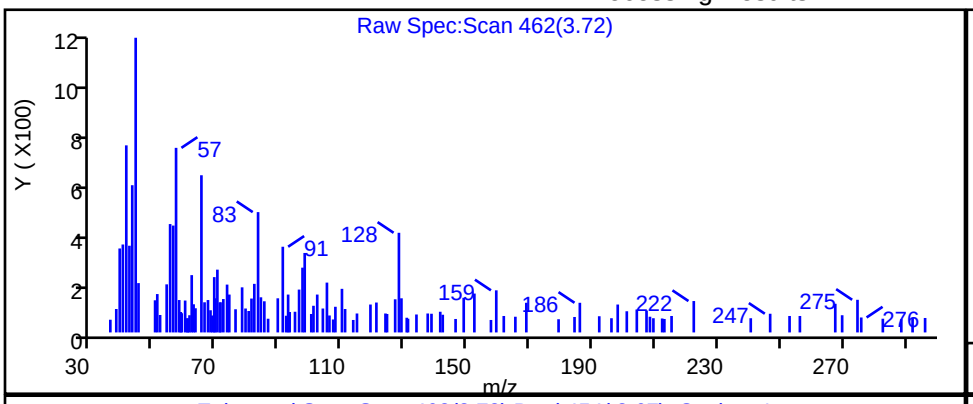
User Disabled Compound Report

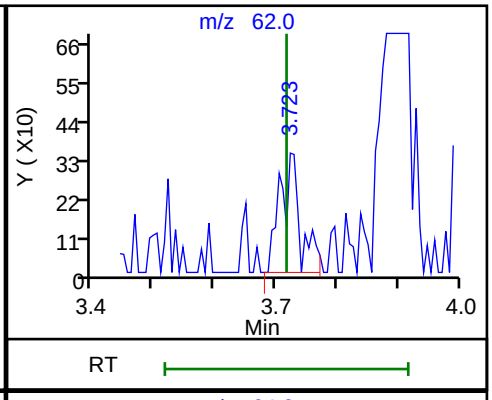
Eurofins TestAmerica, Edison

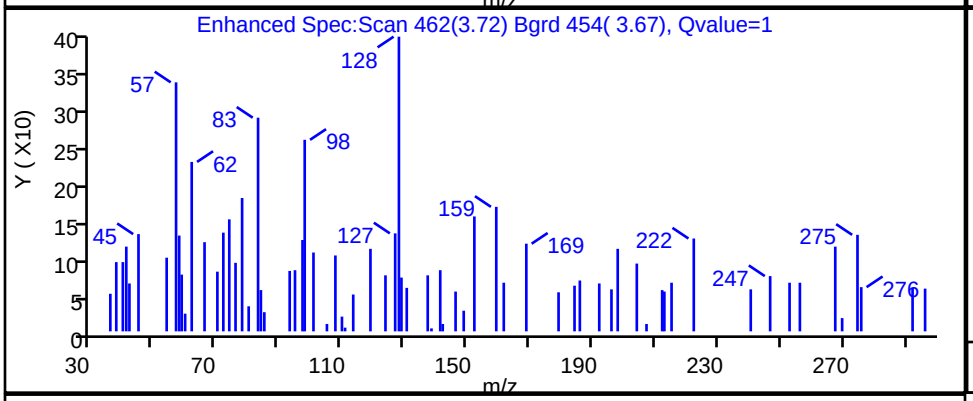
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

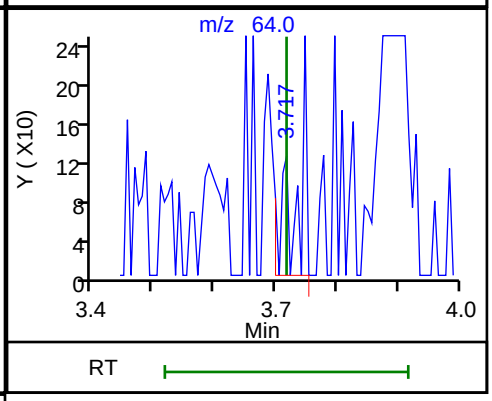
59 1,2-Dichloroethane, CAS: 107-06-2

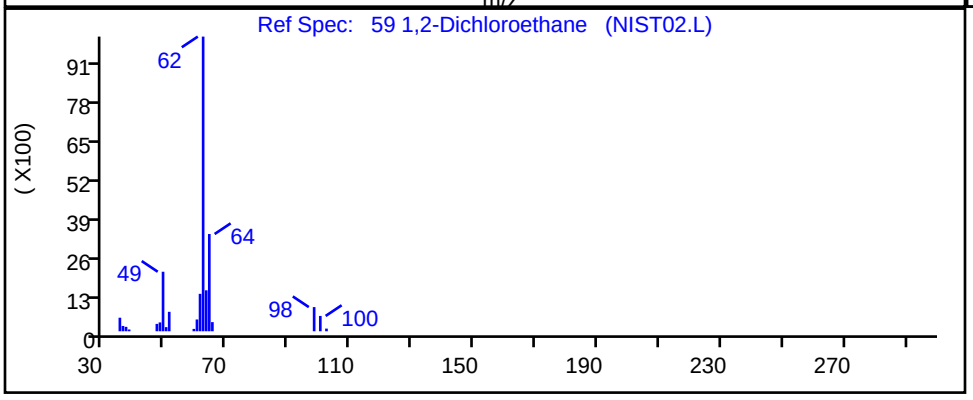
Processing Results











RT	Mass	Response	Amount
3.72	62.00	804	0.313130
3.72	64.00	283	

Reviewer: boykink, 22-May-2019 06:31:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

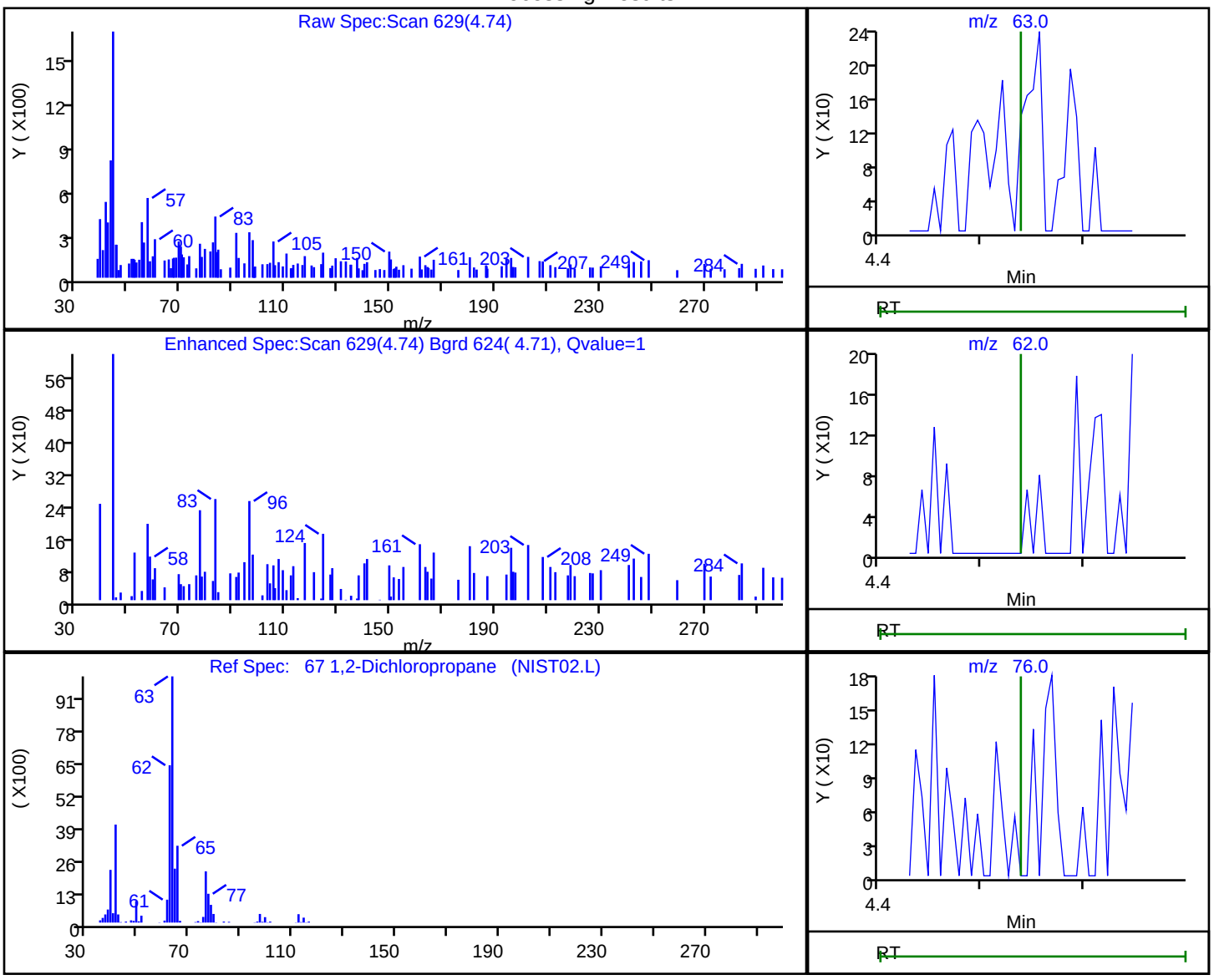
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

67 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
4.74	63.00	125	0.053839
4.73	62.00	42	
4.73	76.00	94	
4.74	112.00	133	

Reviewer: boykink, 22-May-2019 06:31:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

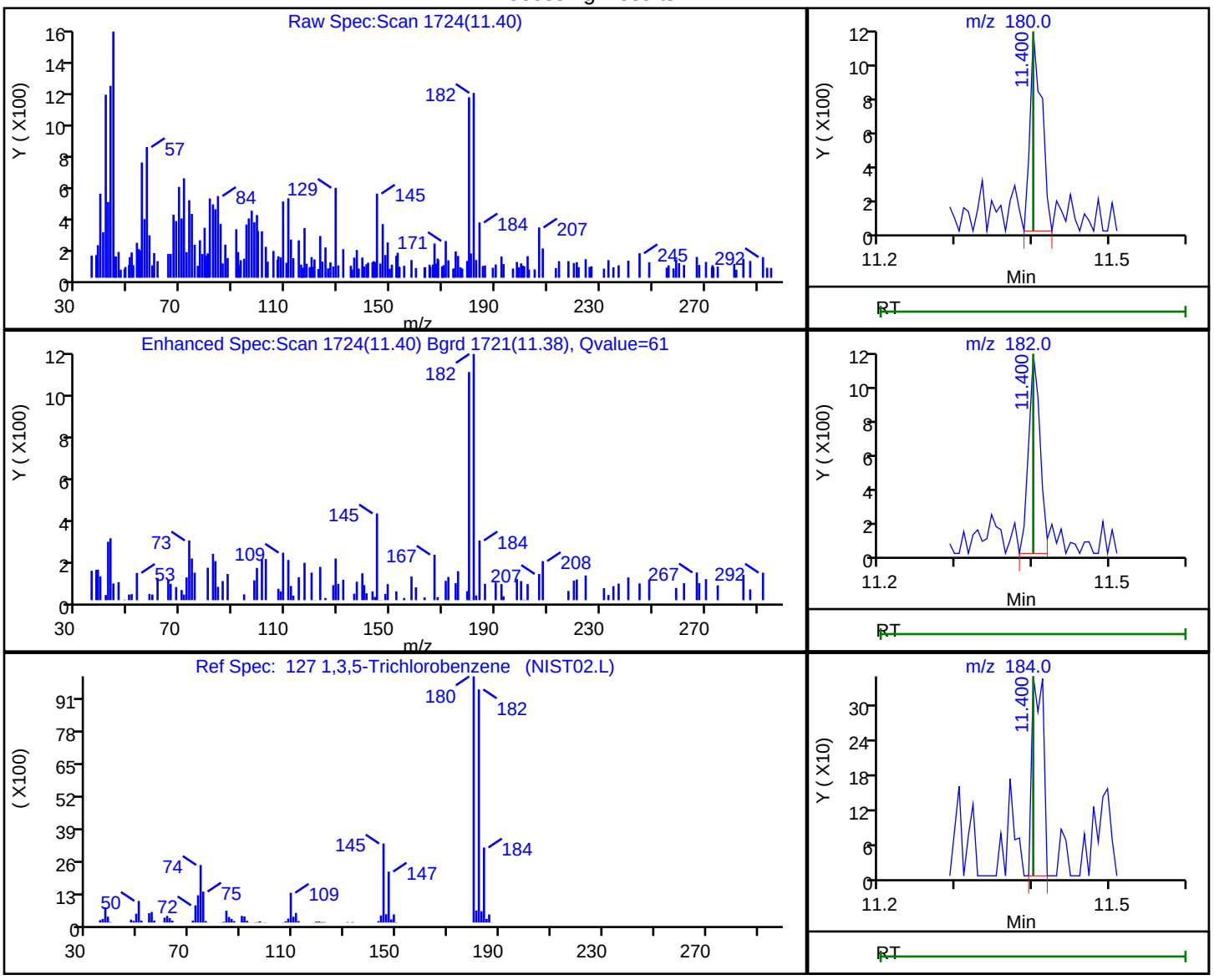
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

127 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.40	180.00	1185	0.205223
11.40	182.00	1199	
11.40	184.00	352	

Reviewer: boykink, 22-May-2019 06:32:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

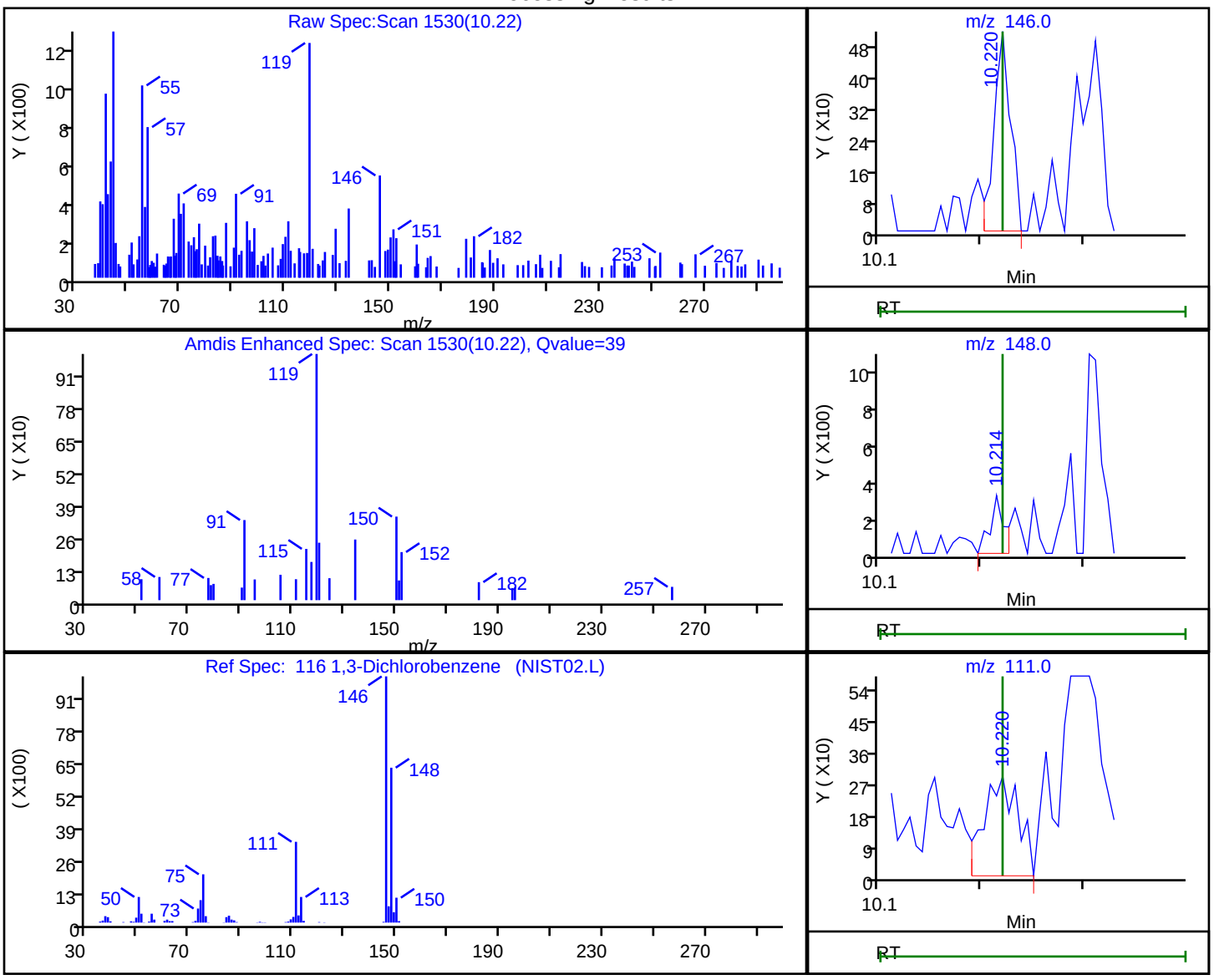
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

116 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.22	146.00	590	0.088050
10.21	148.00	282	
10.22	111.00	675	

Reviewer: boykink, 22-May-2019 06:32:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

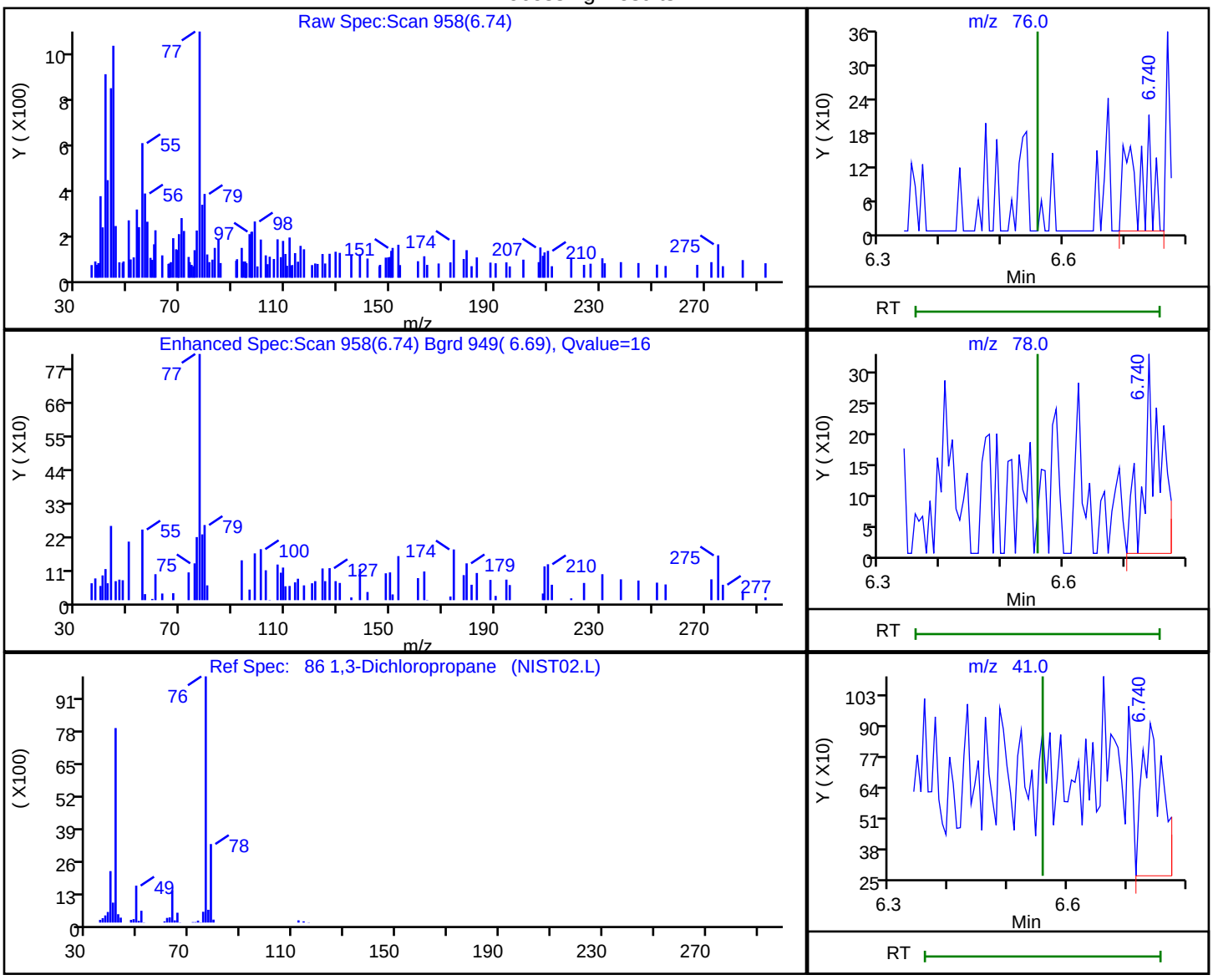
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

86 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
6.74	76.00	376	0.148744
6.74	78.00	577	
6.74	41.00	1513	

Reviewer: boykink, 22-May-2019 06:32:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

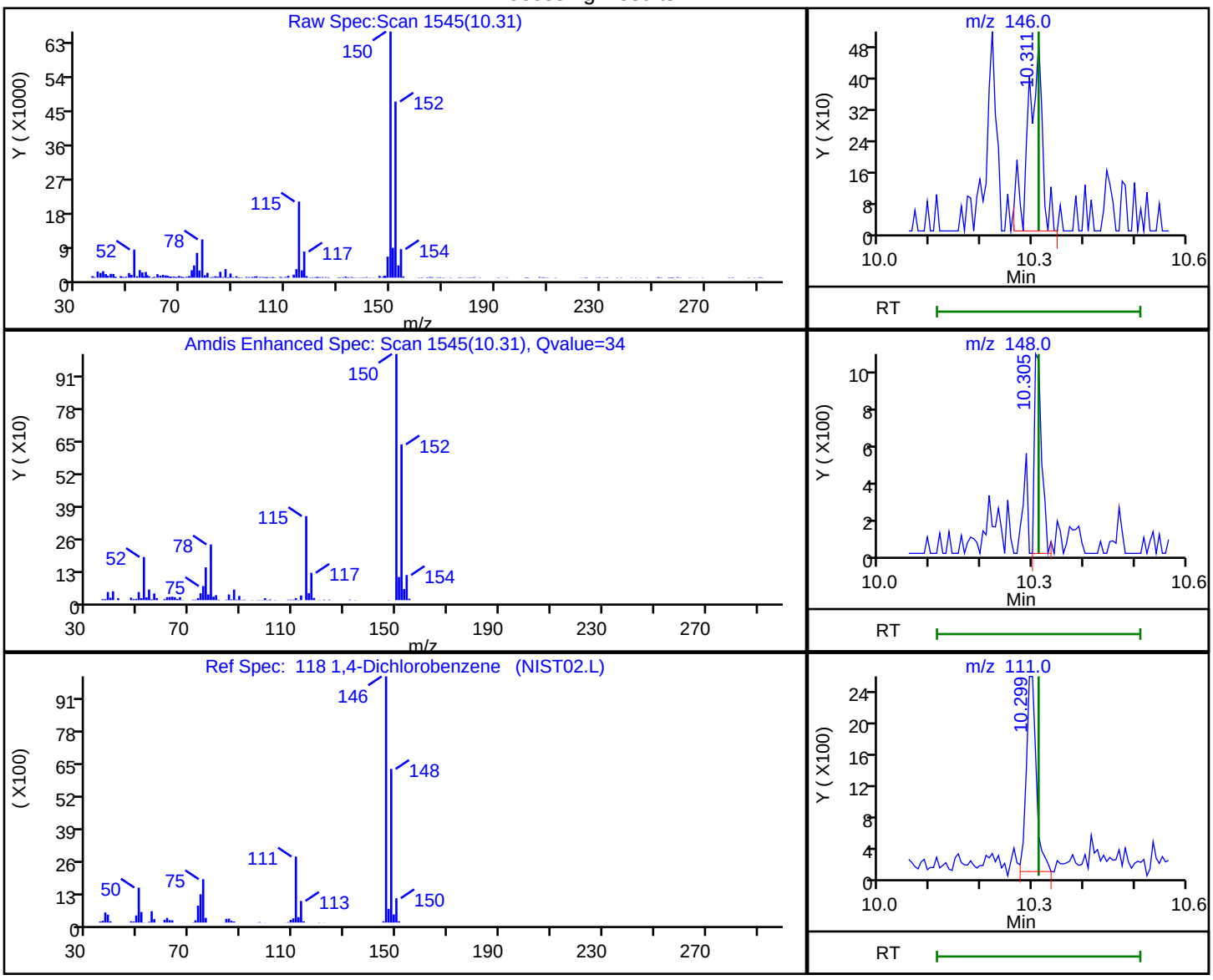
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

118 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.31	146.00	941	0.141035
10.31	148.00	1015	
10.30	111.00	3406	

Reviewer: boykink, 22-May-2019 06:32:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

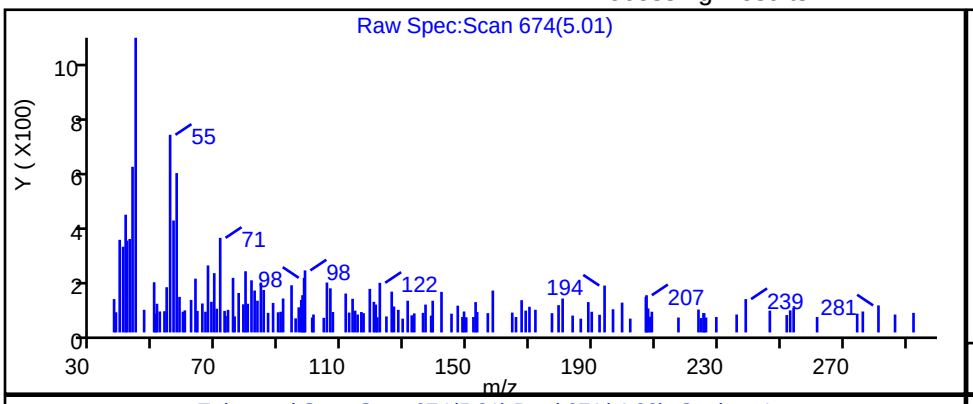
User Disabled Compound Report

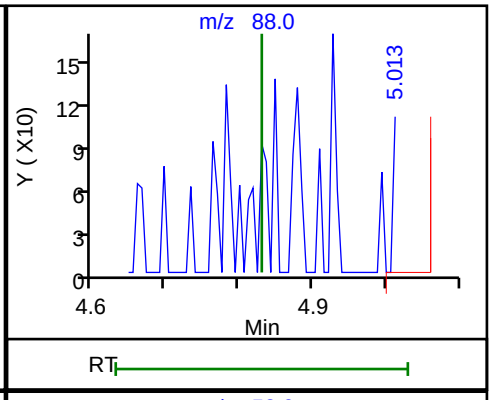
Eurofins TestAmerica, Edison

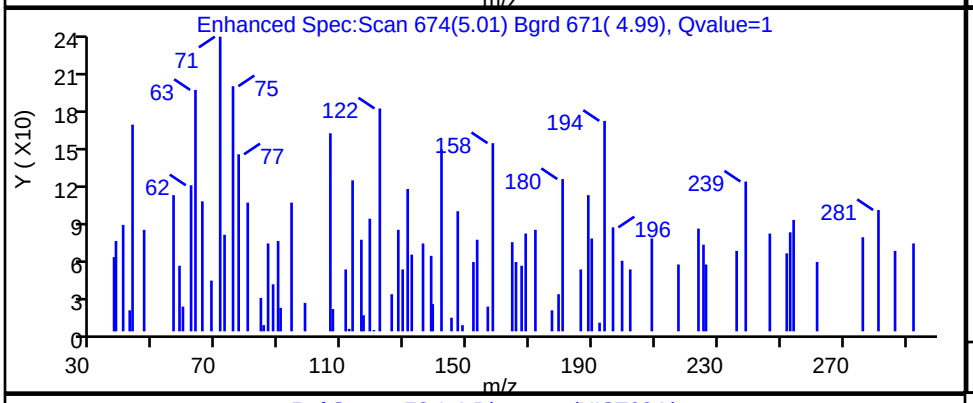
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

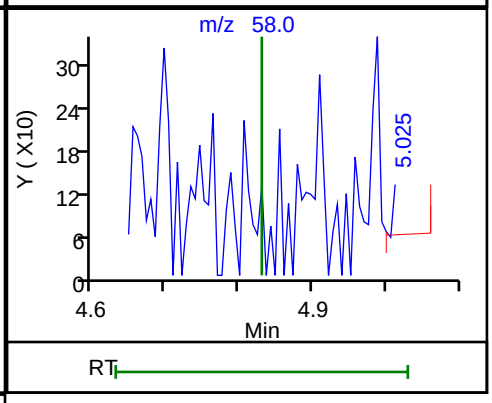
72 1,4-Dioxane, CAS: 123-91-1

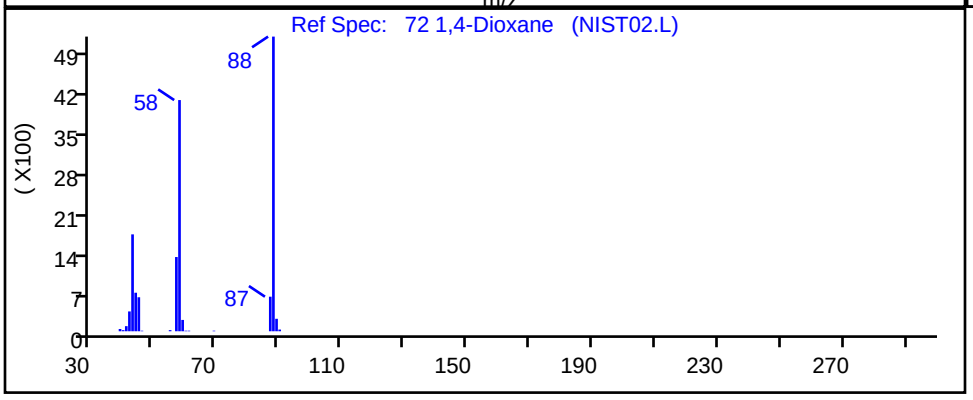
Processing Results











RT	Mass	Response	Amount
5.01	88.00	171	20.346537
5.02	58.00	201	

Reviewer: boykink, 22-May-2019 06:31:52

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

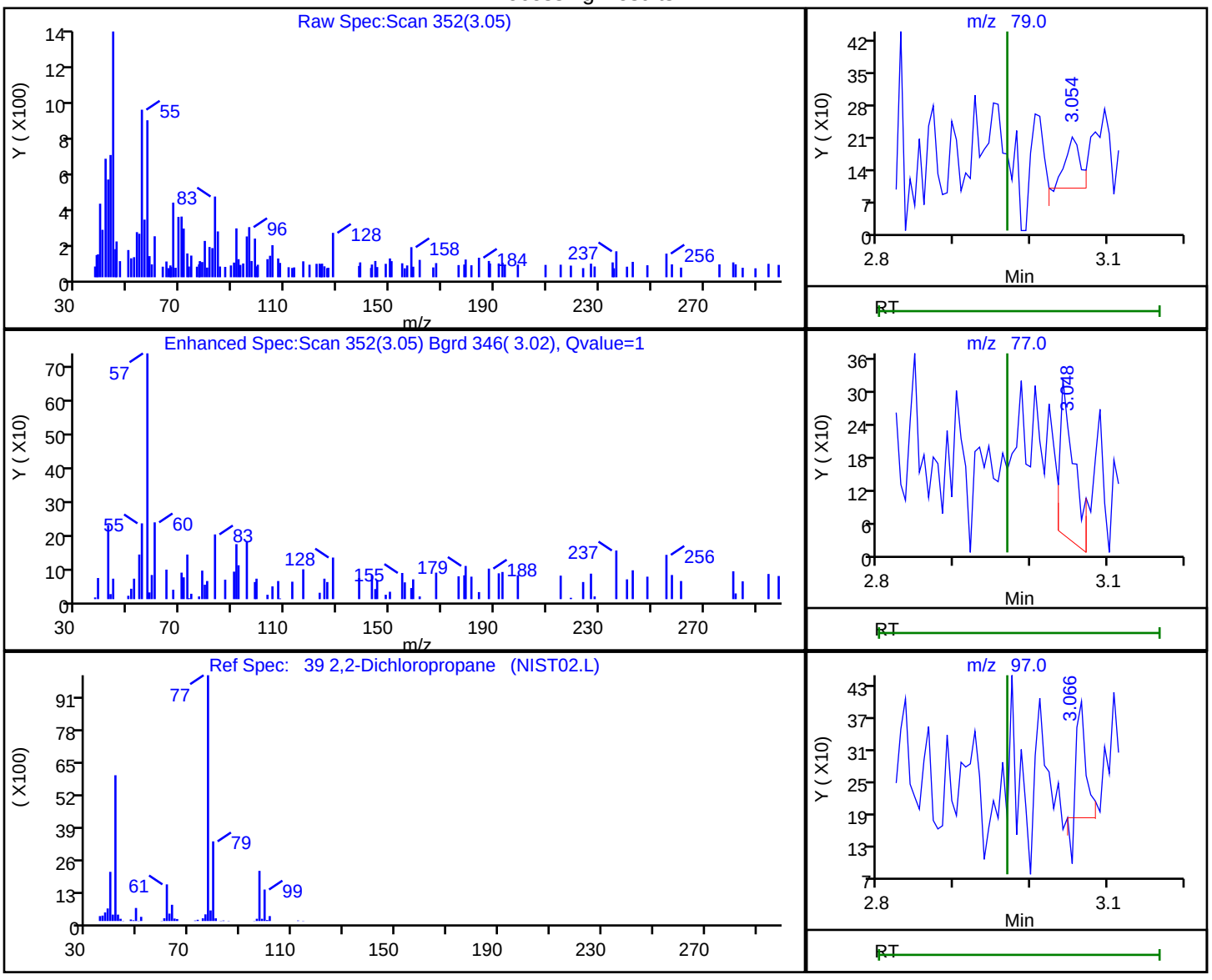
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

39 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.05	79.00	152	0.104612
3.05	77.00	369	
3.07	97.00	166	

Reviewer: boykink, 22-May-2019 06:31:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

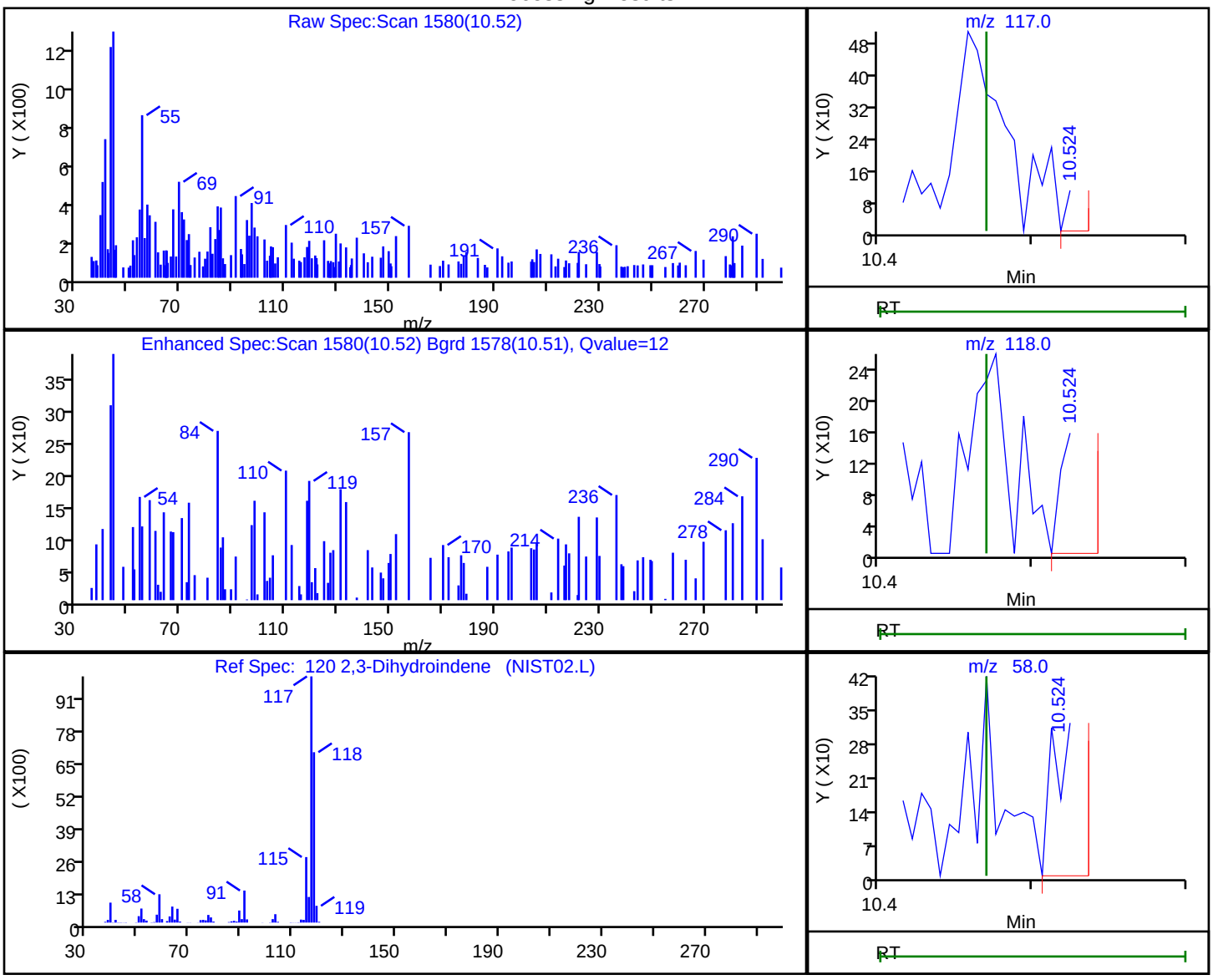
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

120 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.52	117.00	103	0.008855
10.52	118.00	143	
10.52	58.00	325	

Reviewer: boykink, 22-May-2019 06:32:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

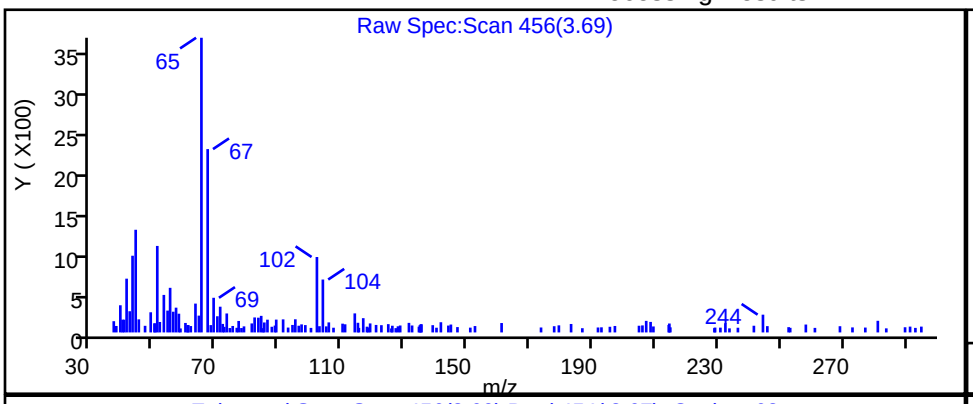
User Disabled Compound Report

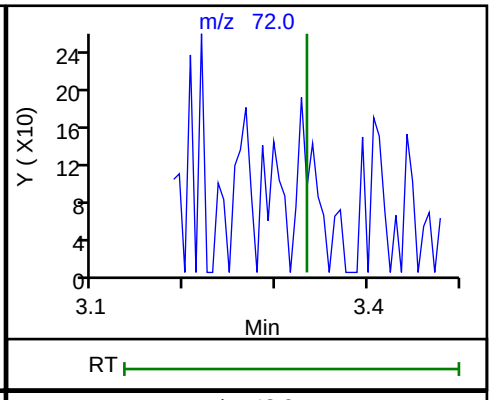
Eurofins TestAmerica, Edison

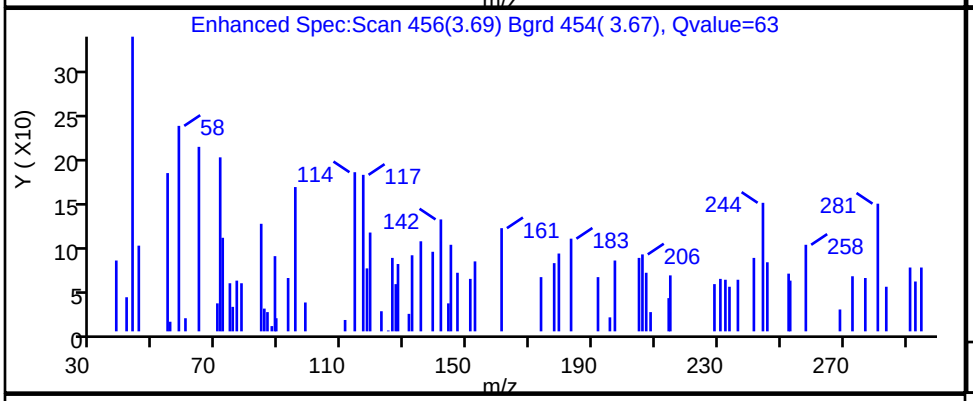
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

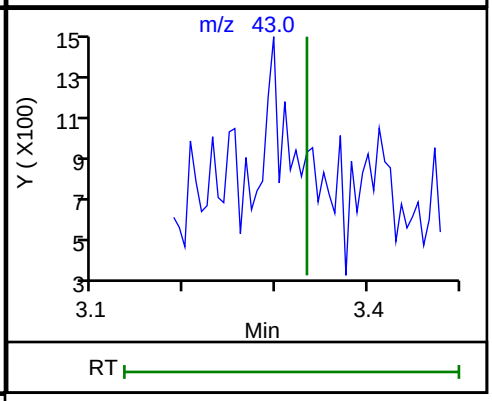
50 2-Butanone (MEK), CAS: 78-93-3

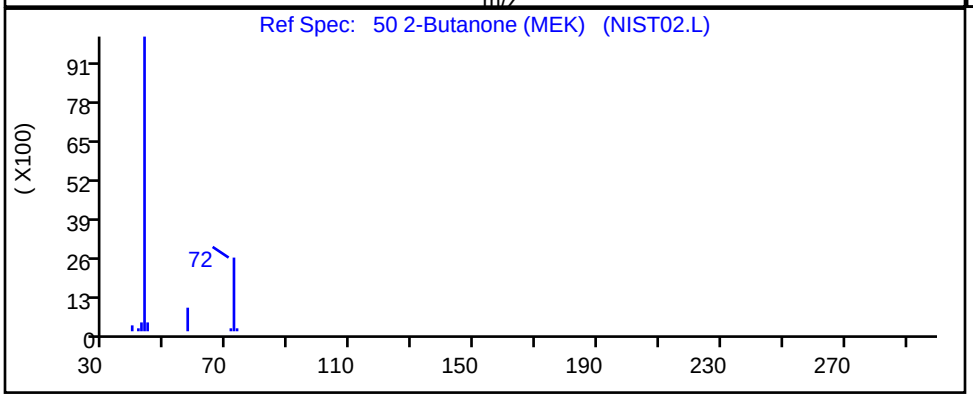
Processing Results











RT	Mass	Response	Amount
3.69	72.00	236	1.703054
3.69	43.00	402	

Reviewer: boykink, 22-May-2019 06:31:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

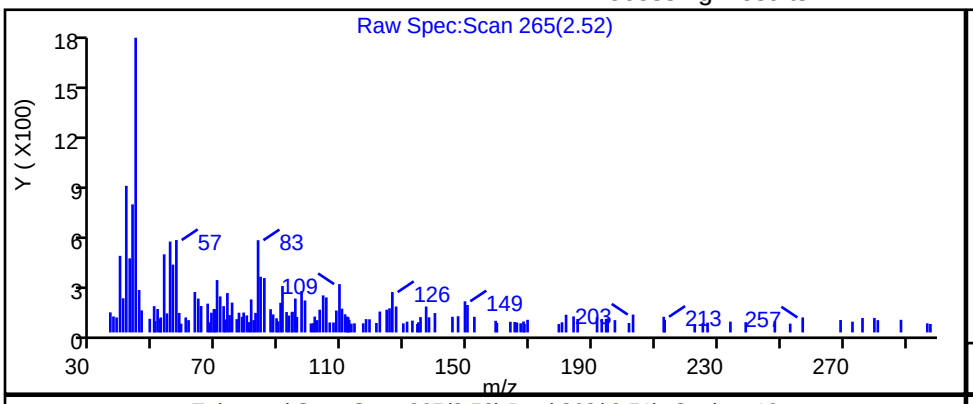
User Disabled Compound Report

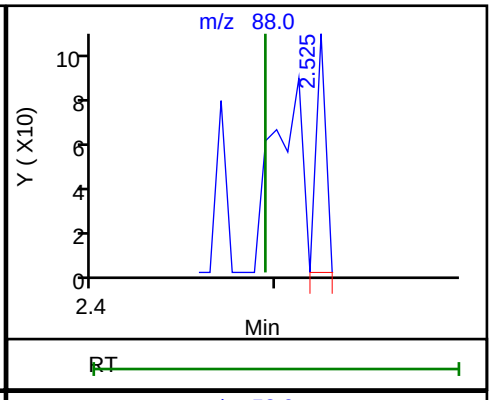
Eurofins TestAmerica, Edison

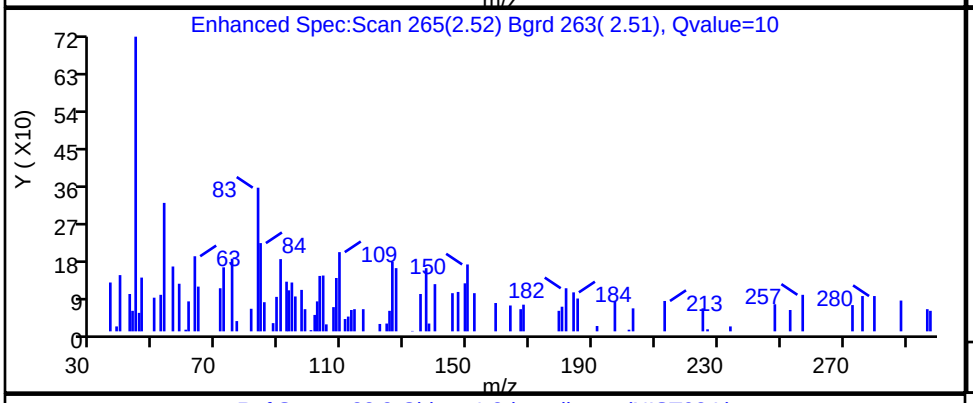
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

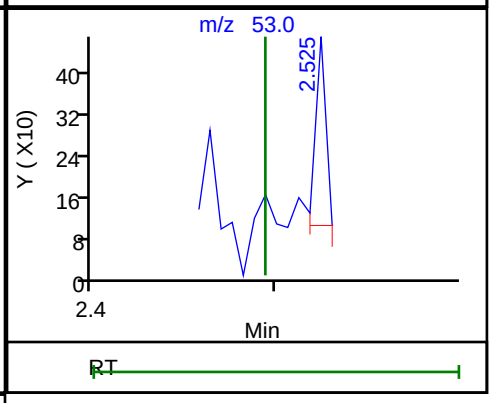
33 2-Chloro-1,3-butadiene, CAS: 126-99-8

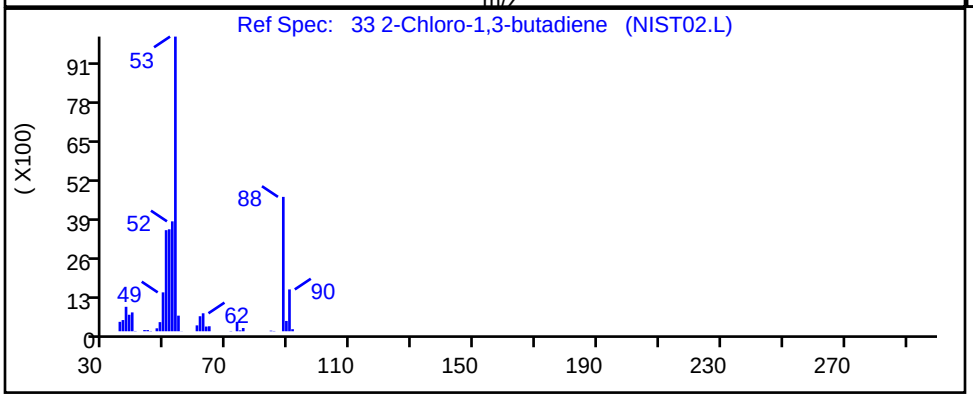
Processing Results











RT	Mass	Response	Amount
2.52	88.00	39	0.017169
2.52	53.00	143	

Reviewer: boykink, 22-May-2019 06:31:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

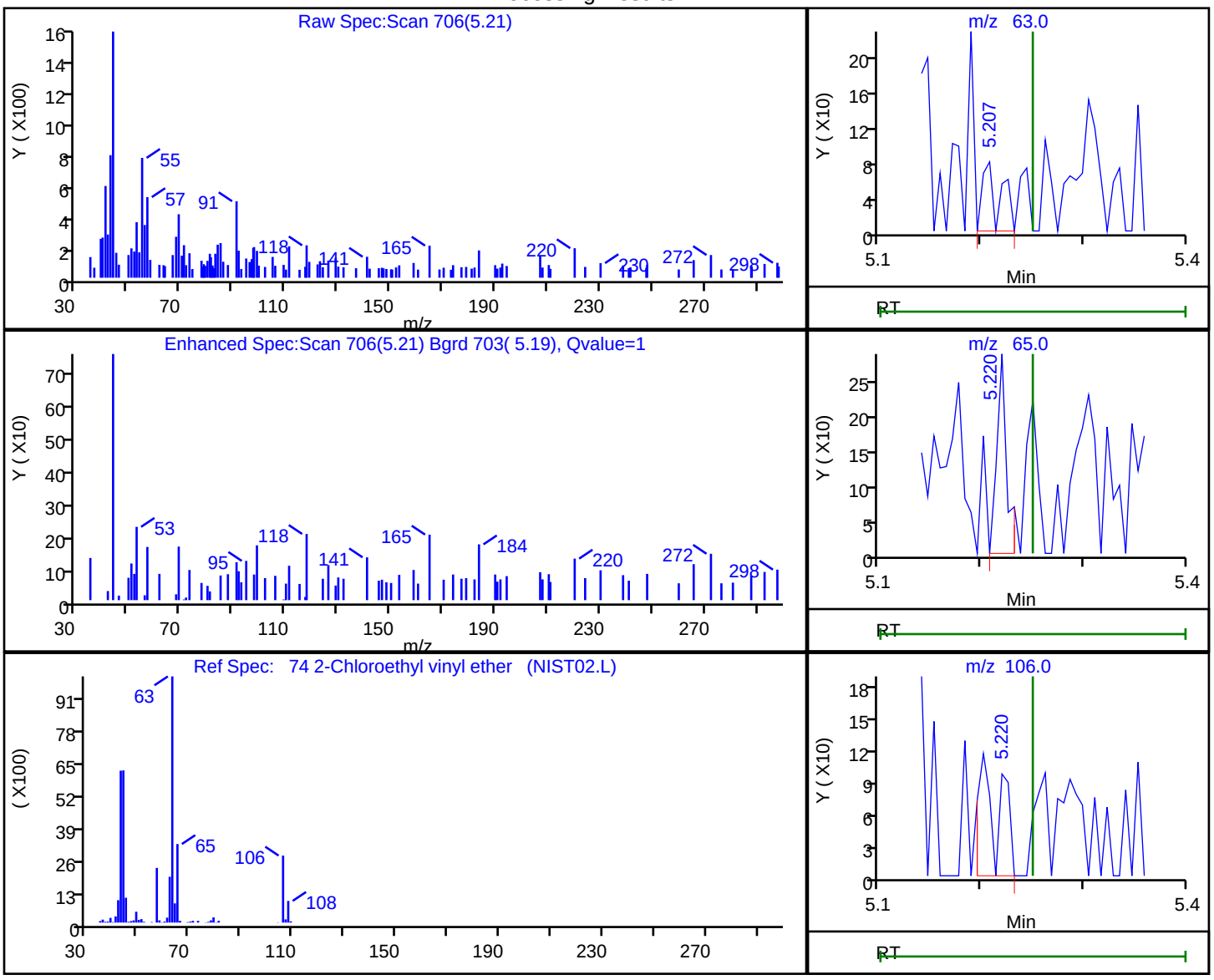
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

74 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
5.21	63.00	94	0.104121
5.22	65.00	195	
5.22	106.00	161	

Reviewer: boykink, 22-May-2019 06:31:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

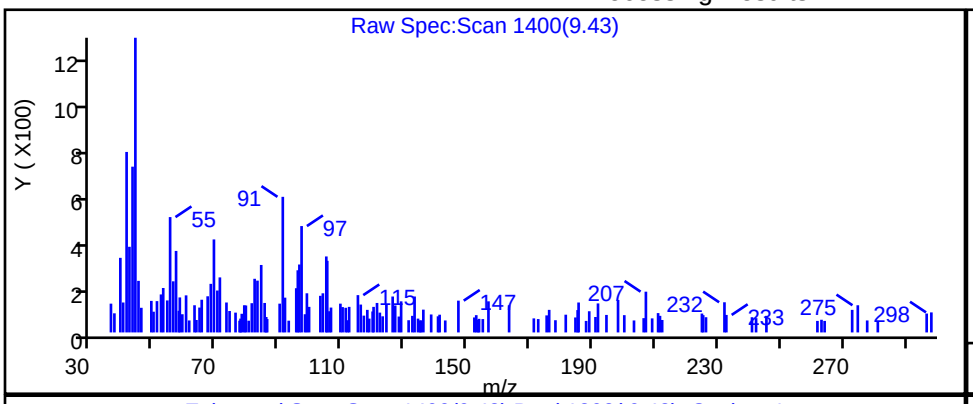
User Disabled Compound Report

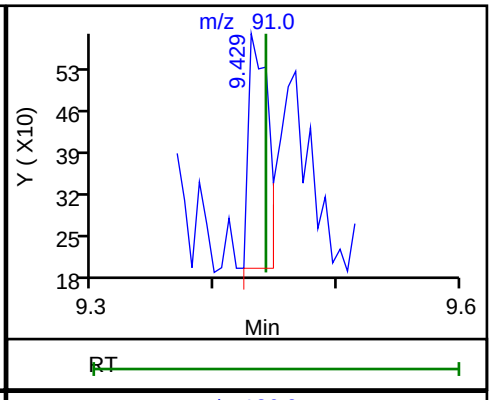
Eurofins TestAmerica, Edison

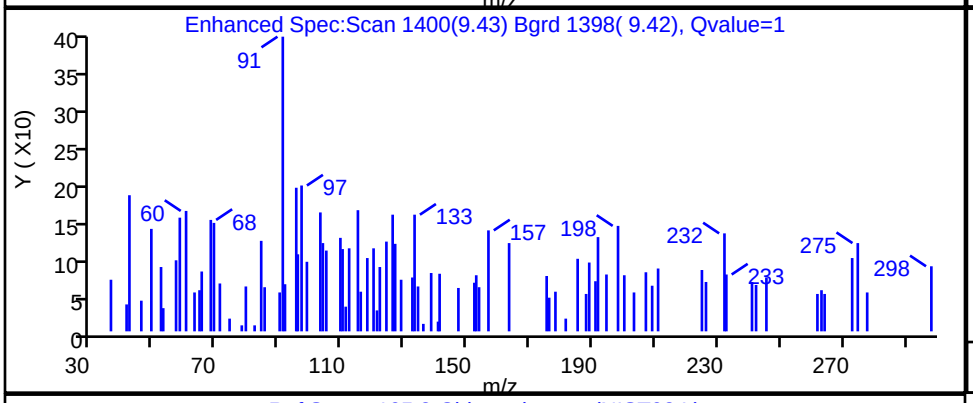
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

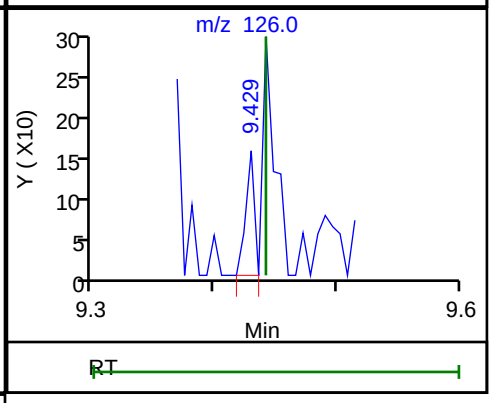
105 2-Chlorotoluene, CAS: 95-49-8

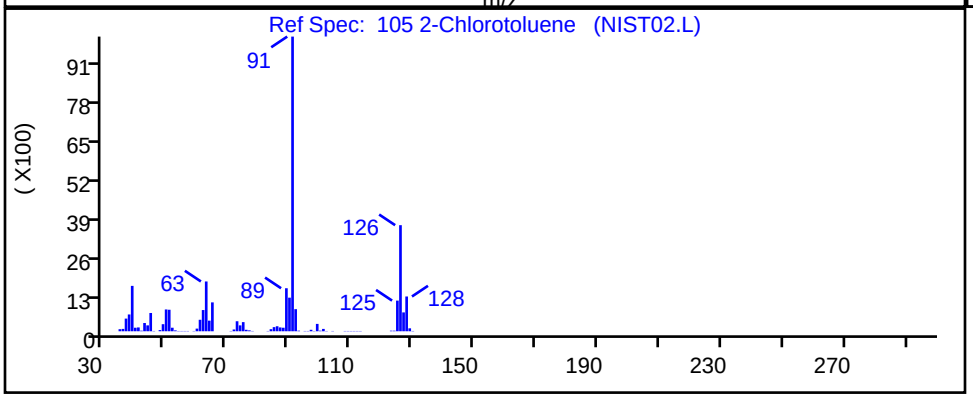
Processing Results











RT	Mass	Response	Amount
9.43	91.00	442	0.040090
9.43	126.00	76	

Reviewer: boykink, 22-May-2019 06:32:22

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

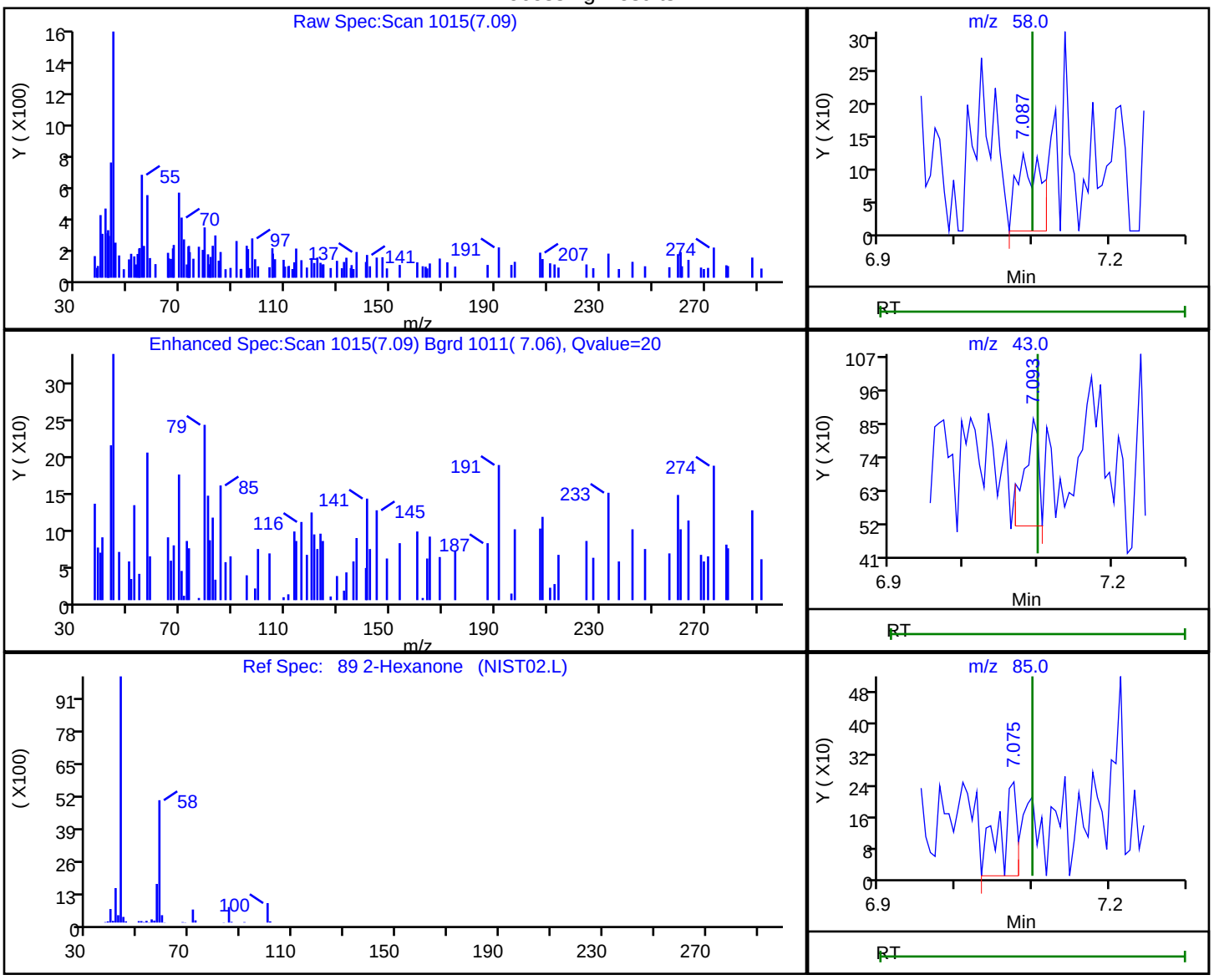
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

89 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.09	58.00	254	0.611100
7.09	43.00	477	
7.08	85.00	379	
7.09	100.00	49	

Reviewer: boykink, 22-May-2019 06:32:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

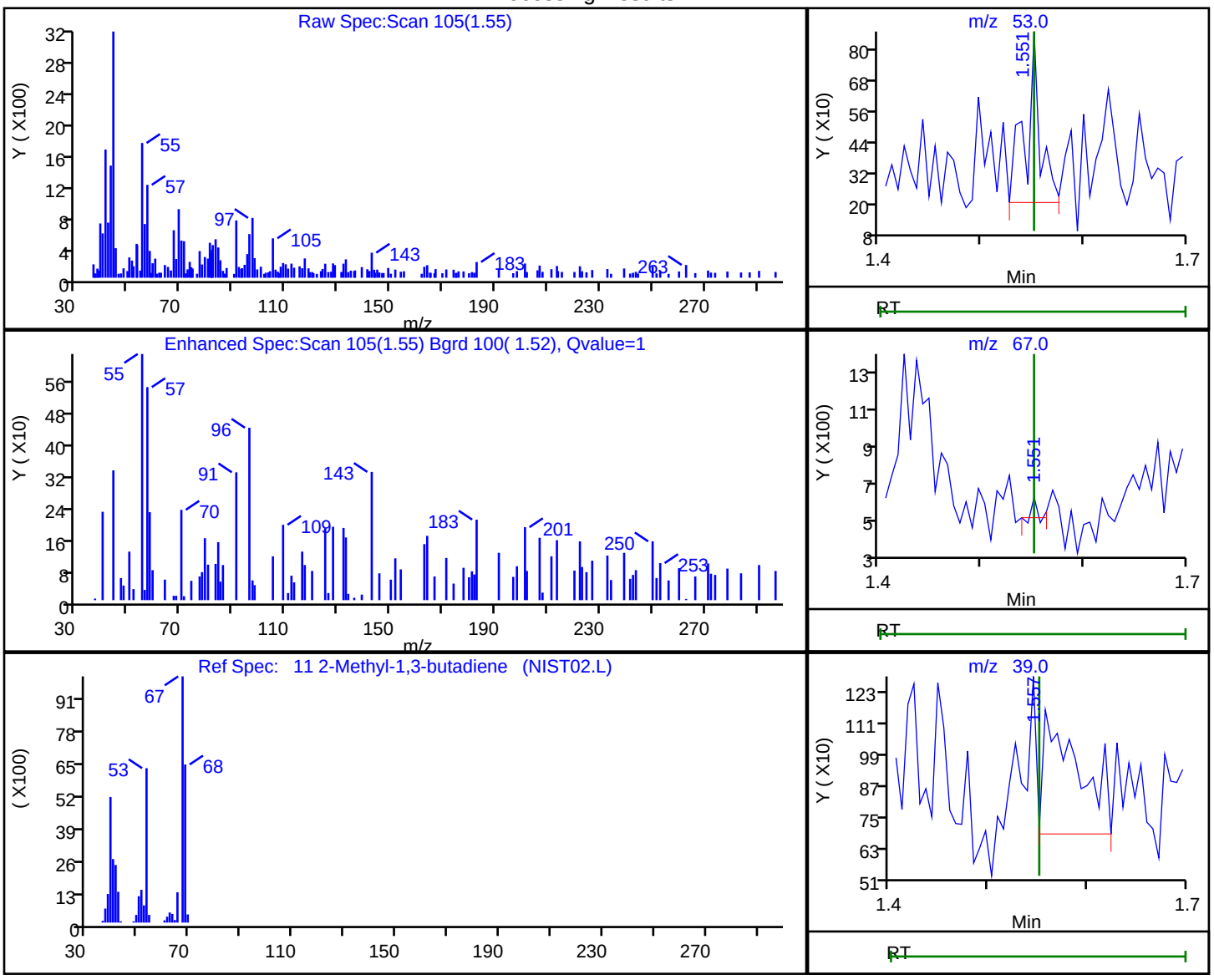
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

11 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.55	53.00	653	0.334285
1.55	67.00	32	
1.56	39.00	1171	

Reviewer: boykink, 22-May-2019 06:30:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

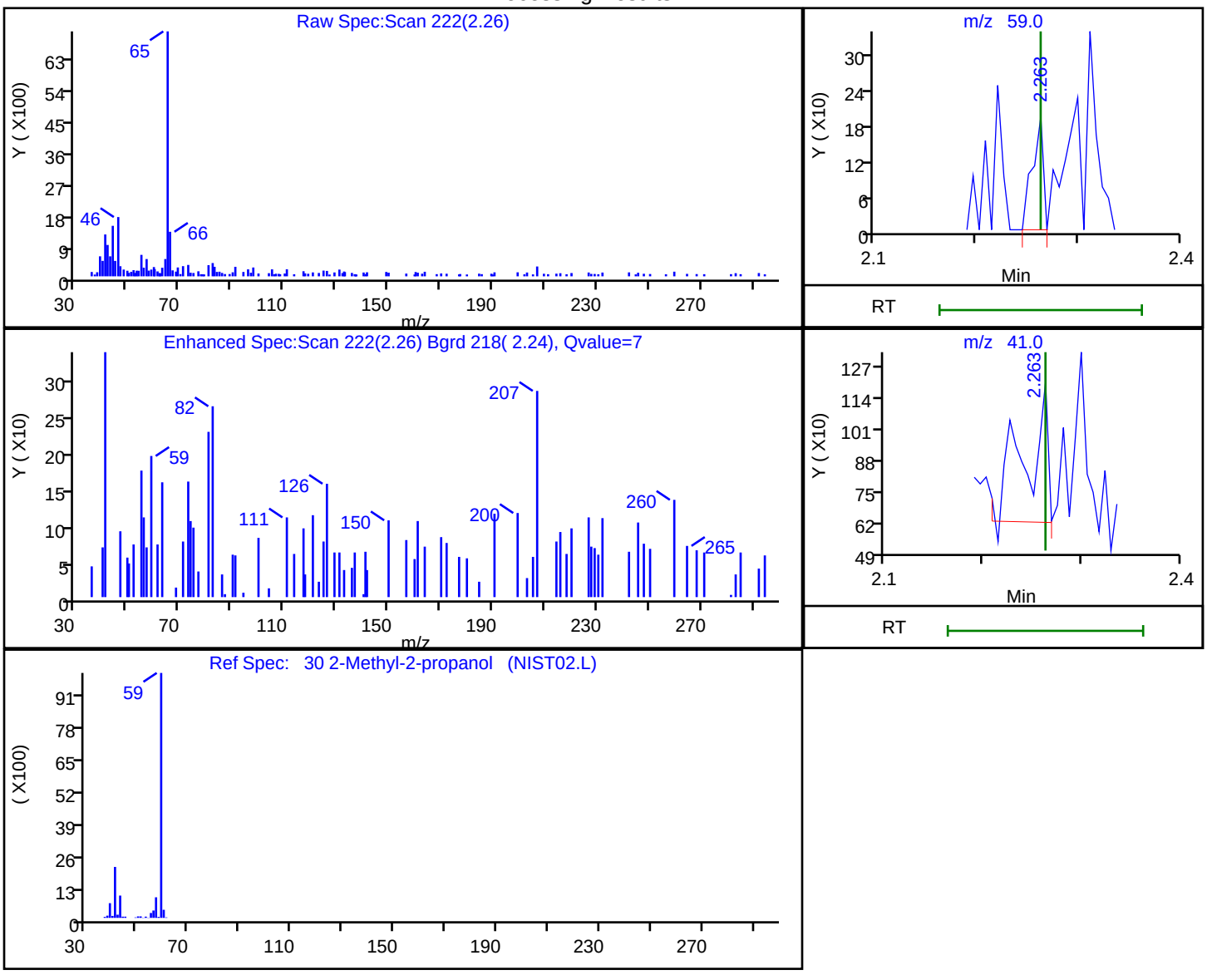
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.26	59.00	145	618.4613
2.26	41.00	903	

Reviewer: boykink, 22-May-2019 06:31:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

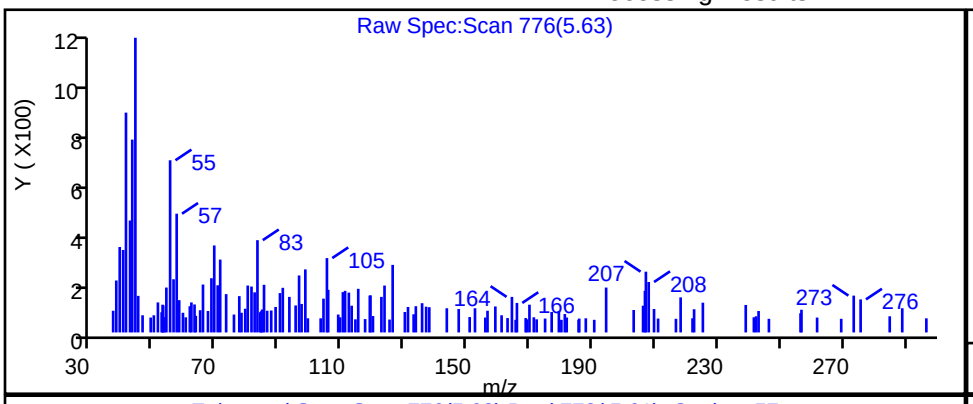
User Disabled Compound Report

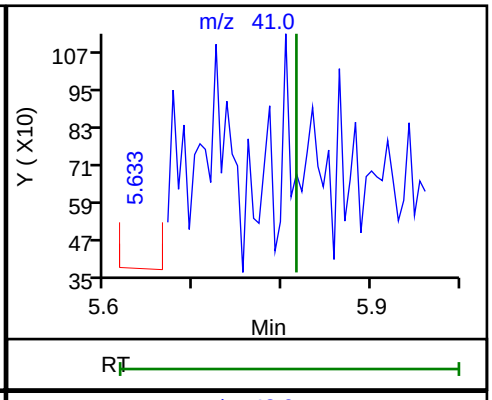
Eurofins TestAmerica, Edison

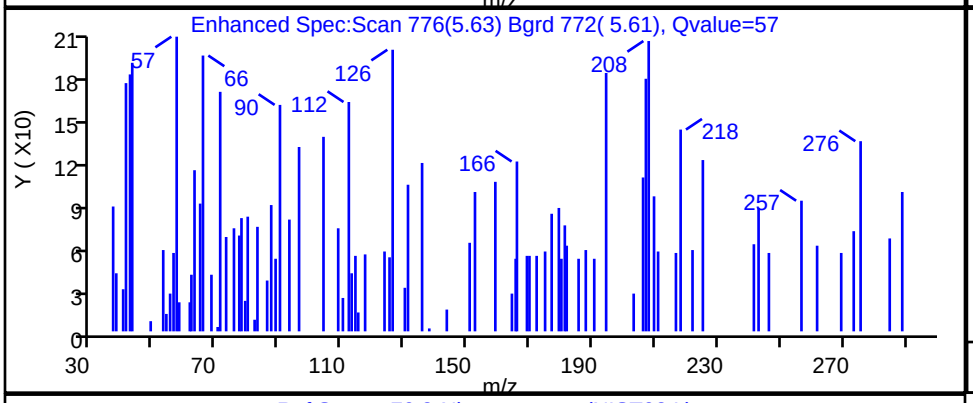
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

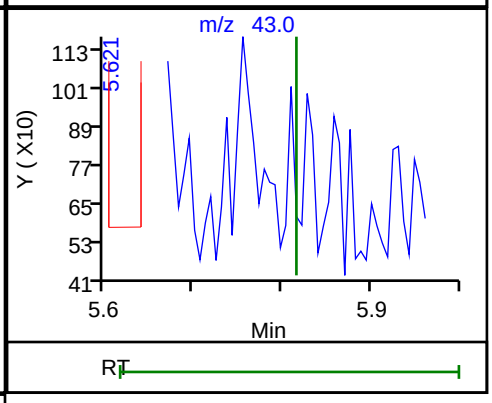
79 2-Nitropropane, CAS: 79-46-9

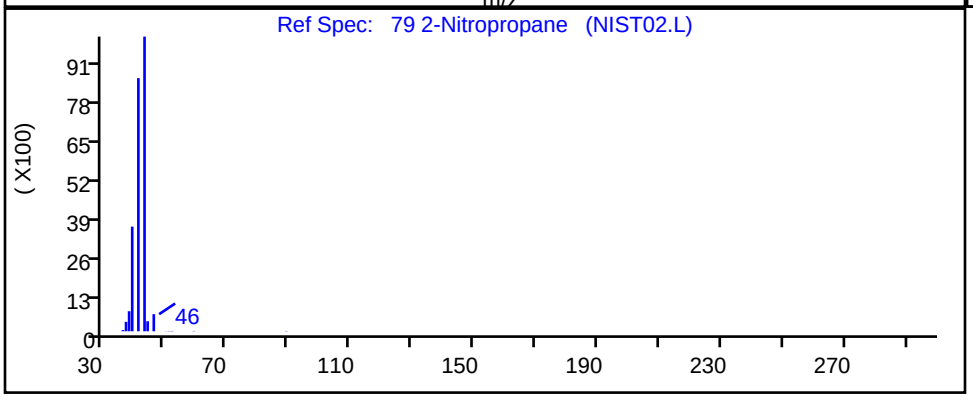
Processing Results











RT	Mass	Response	Amount
5.63	41.00	1125	2956.6811
5.62	43.00	362	

Reviewer: boykink, 22-May-2019 06:31:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

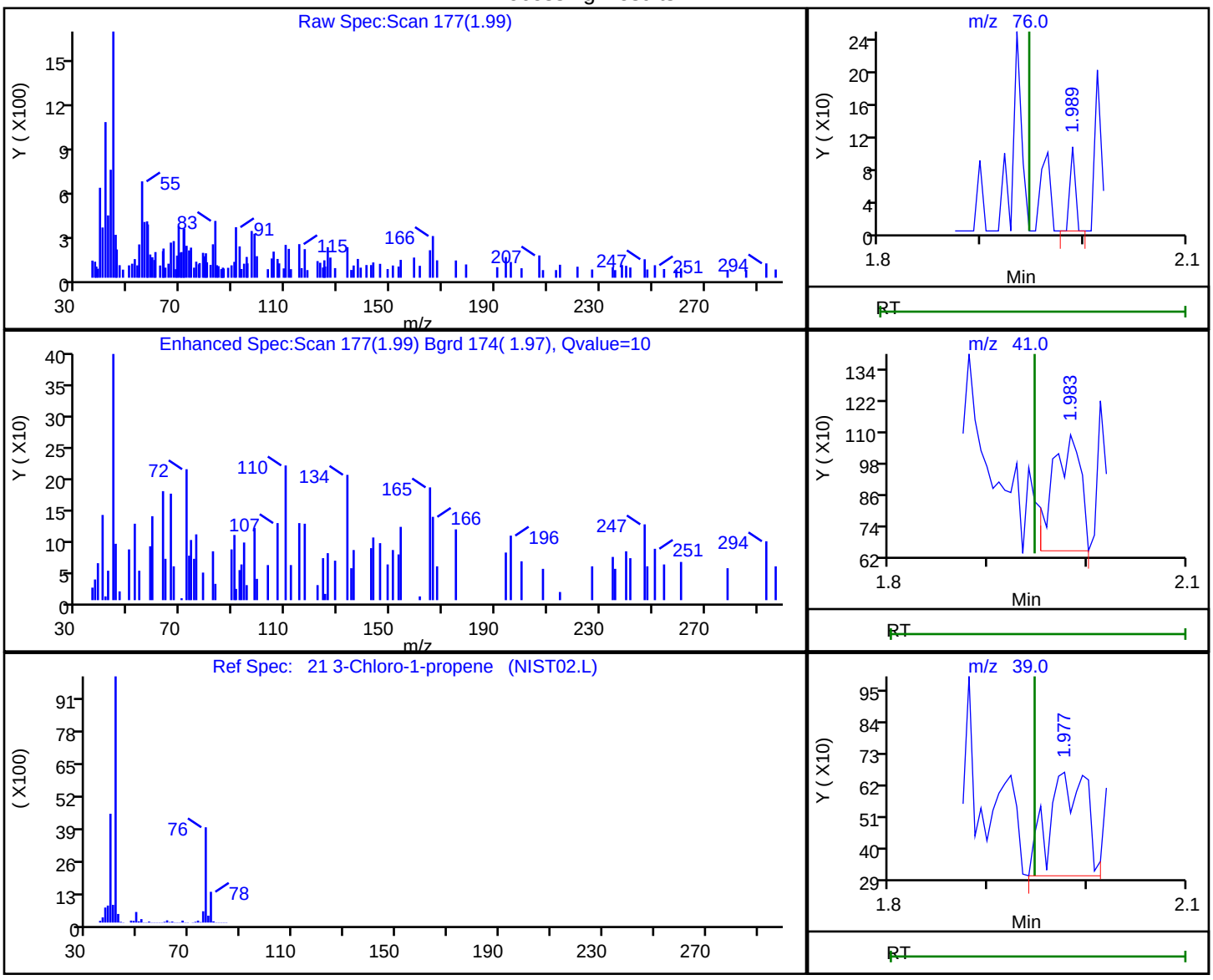
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

21 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
1.99	76.00	38	0.027488
1.98	41.00	877	
1.98	39.00	970	

Reviewer: boykink, 22-May-2019 06:30:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

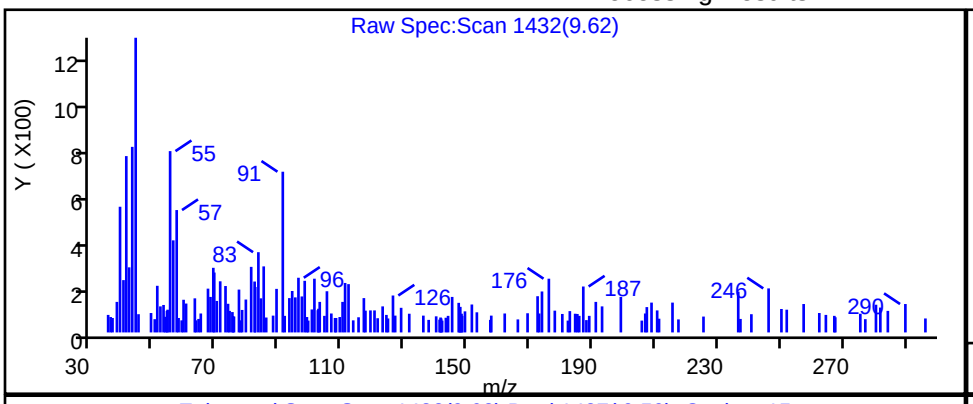
User Disabled Compound Report

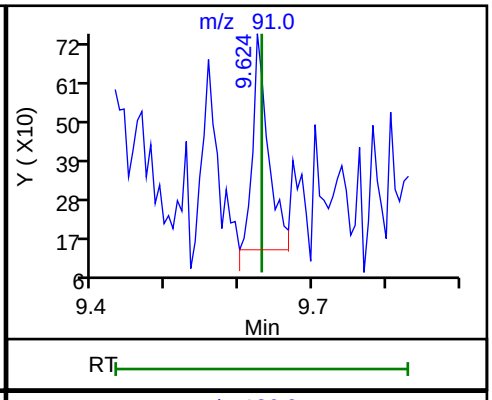
Eurofins TestAmerica, Edison

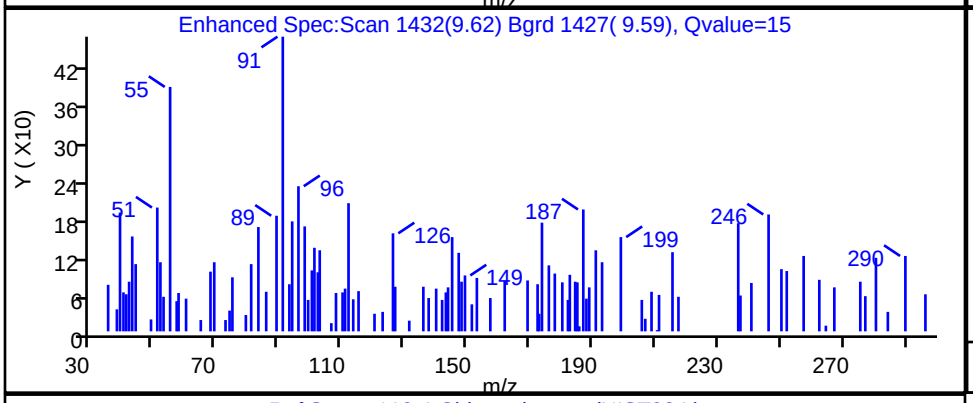
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

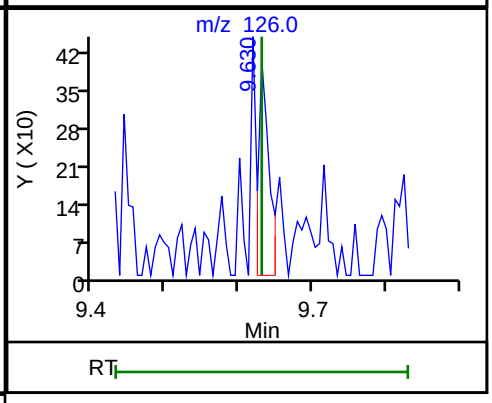
110 4-Chlorotoluene, CAS: 106-43-4

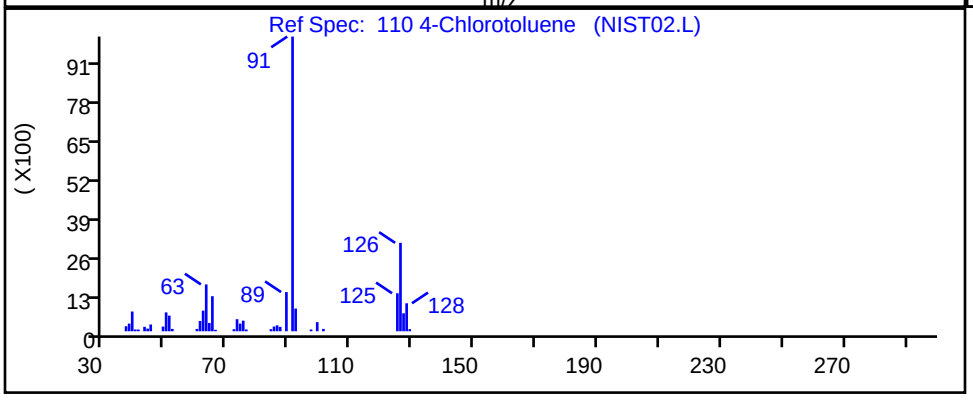
Processing Results











RT	Mass	Response	Amount
9.62	91.00	906	0.094030
9.63	126.00	402	

Reviewer: boykink, 22-May-2019 06:32:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

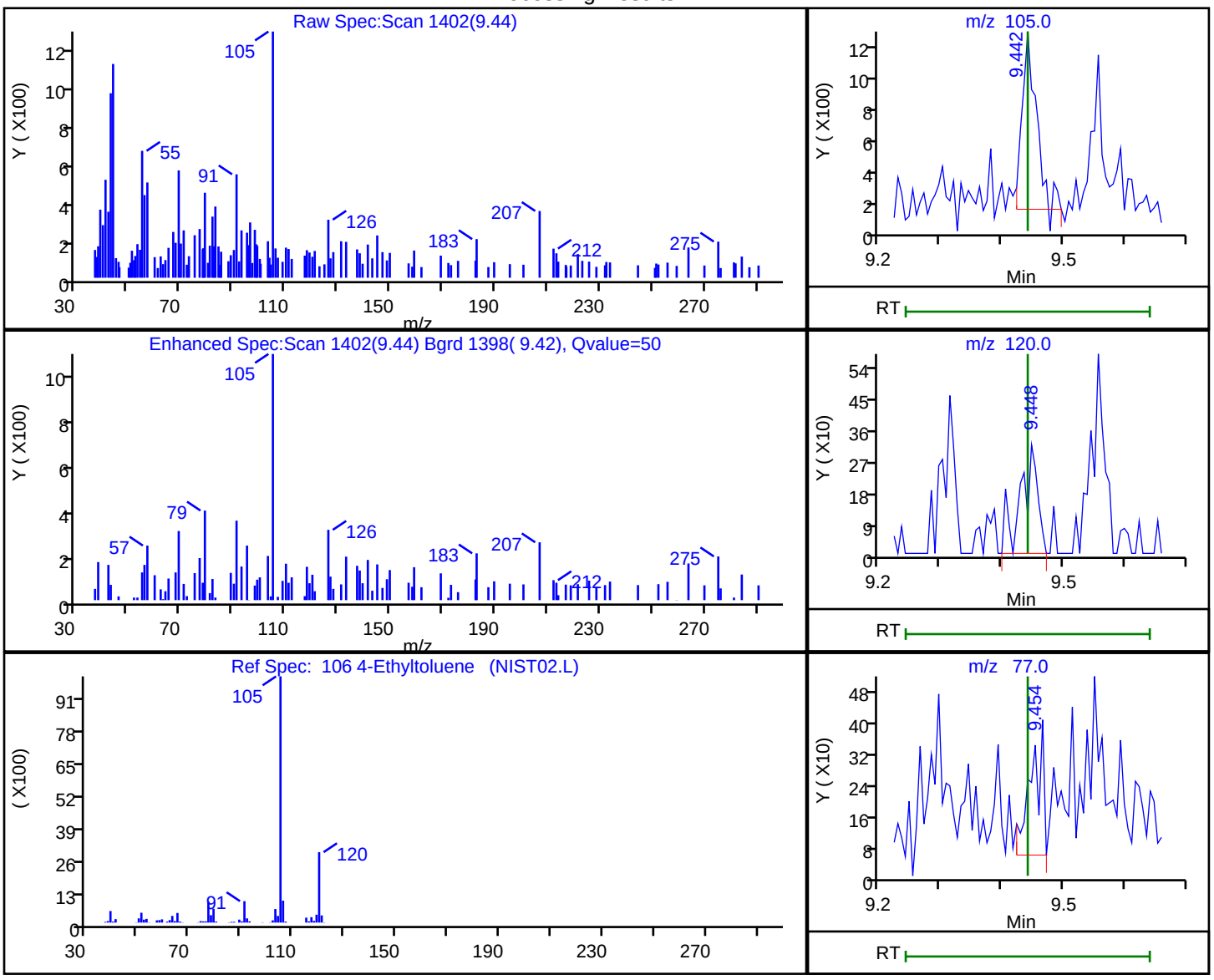
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.44	105.00	1843	0.131039
9.45	120.00	611	
9.45	77.00	493	

Reviewer: boykink, 22-May-2019 06:32:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

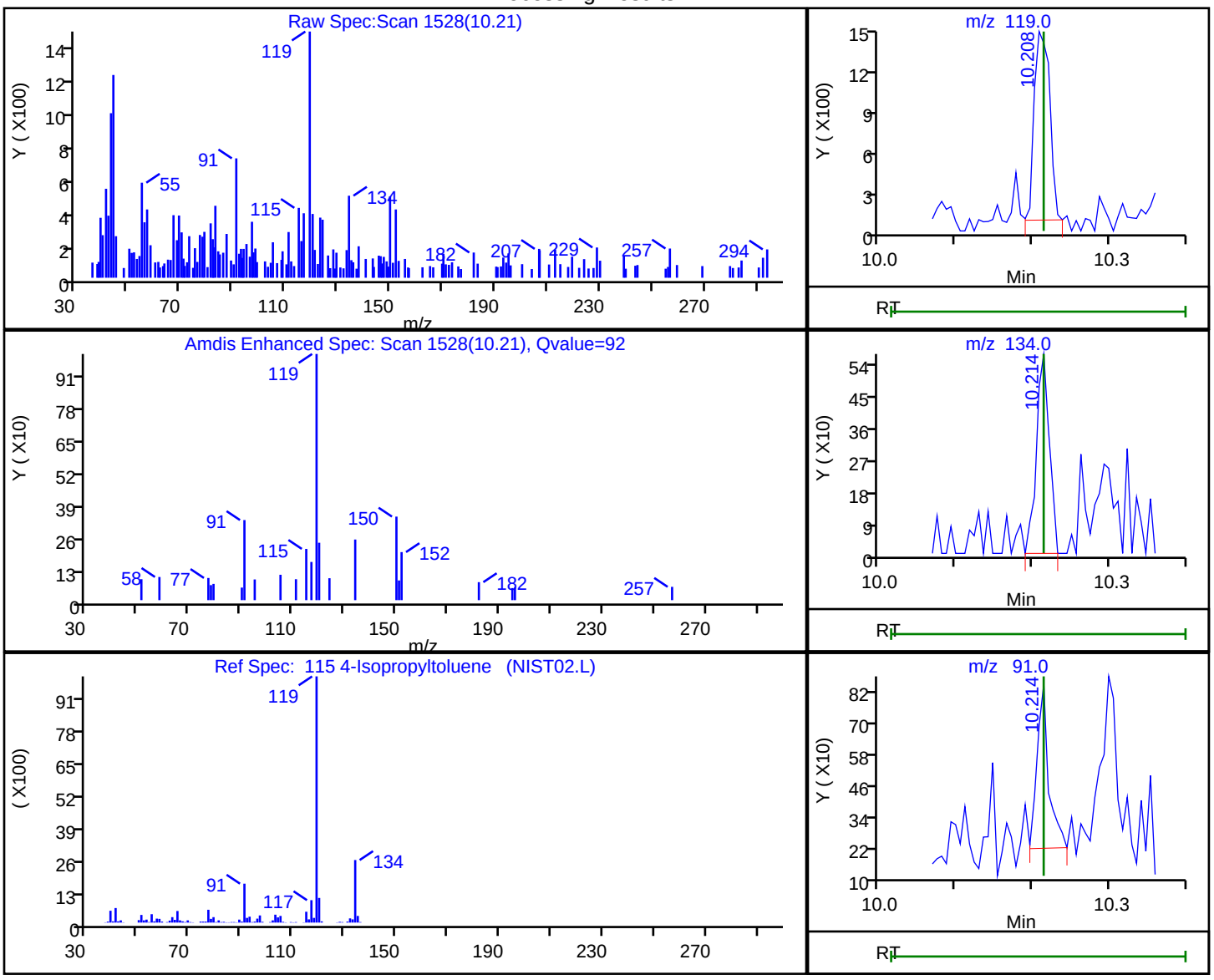
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

115 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.21	119.00	1886	0.137564
10.21	134.00	664	
10.21	91.00	672	

Reviewer: boykink, 22-May-2019 06:32:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

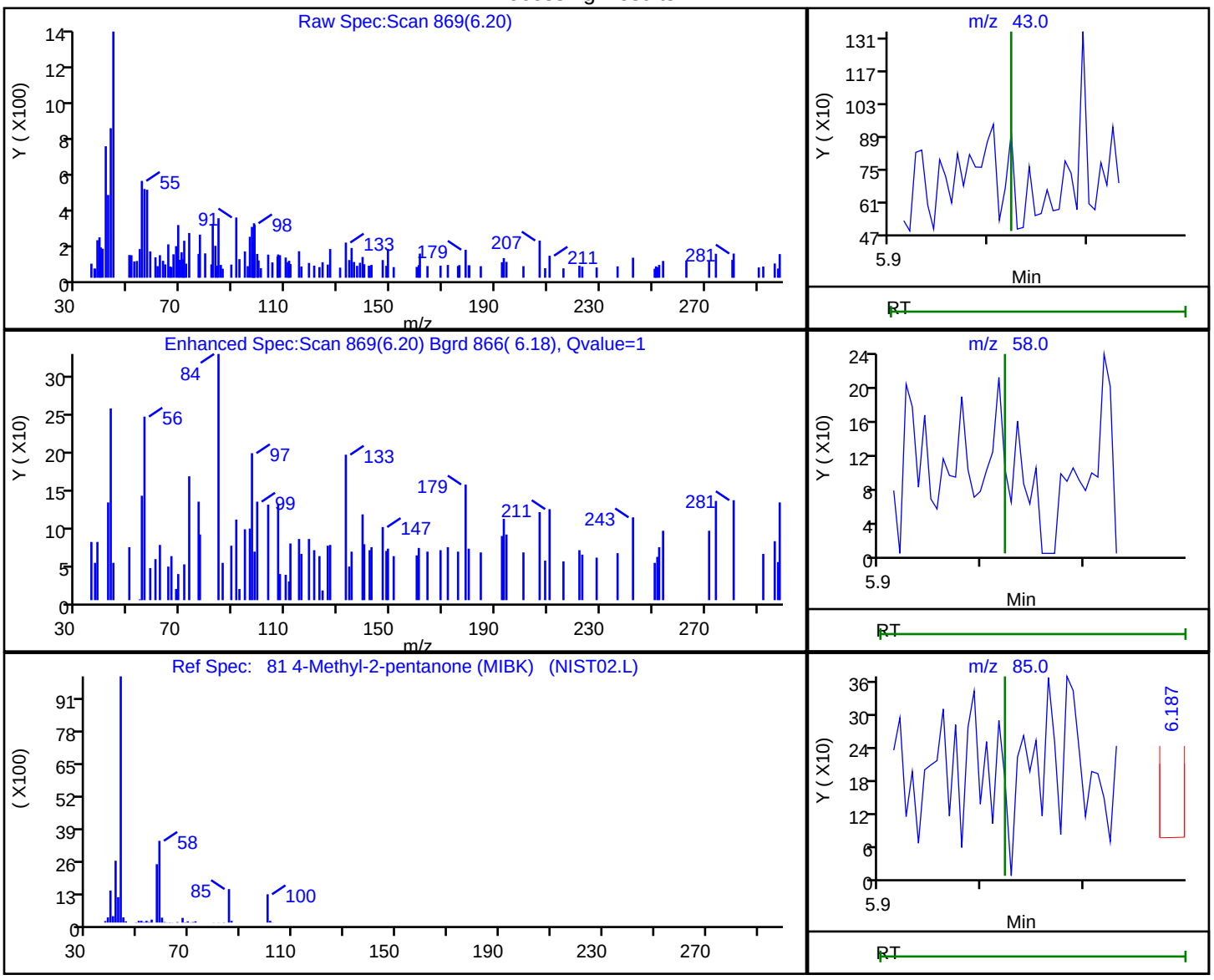
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

81 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.20	43.00	434	0.399622
6.21	58.00	174	
6.19	85.00	117	
6.20	100.00	19	

Reviewer: boykink, 22-May-2019 06:32:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

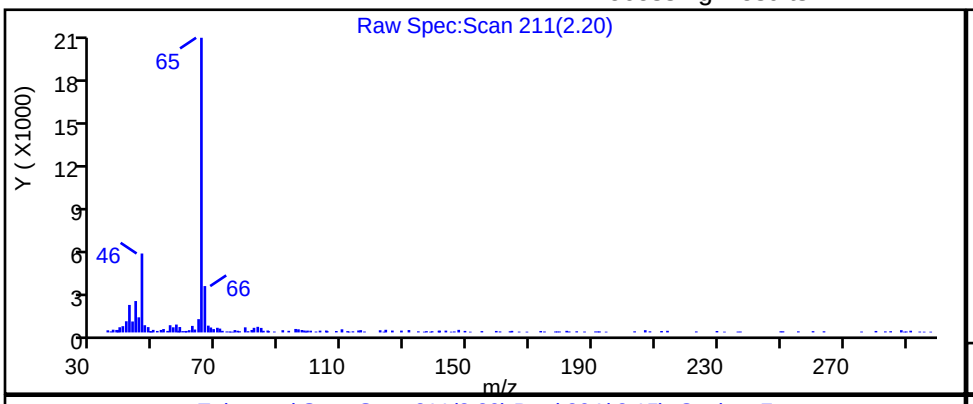
User Disabled Compound Report

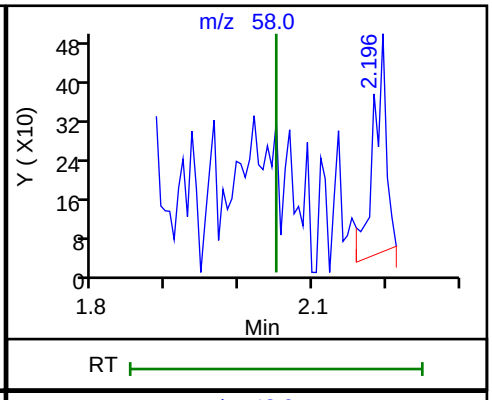
Eurofins TestAmerica, Edison

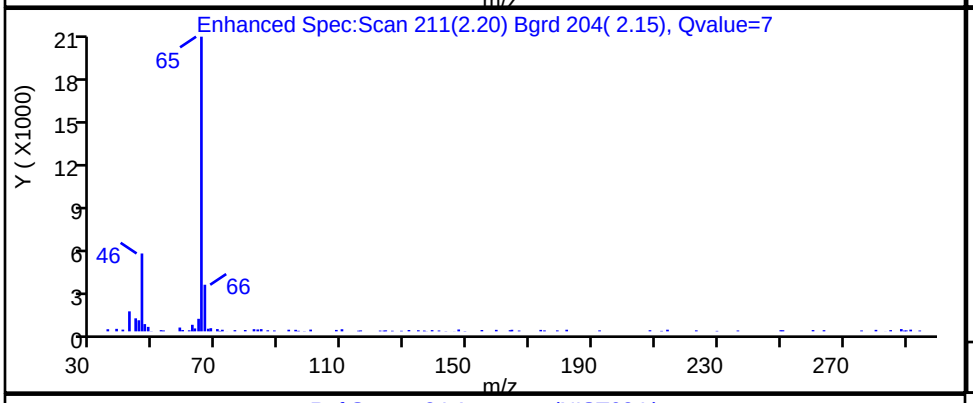
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

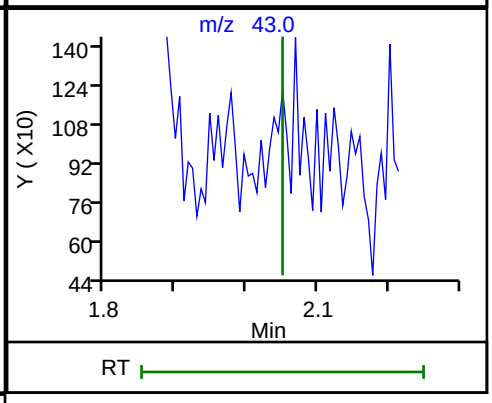
24 Acetone, CAS: 67-64-1

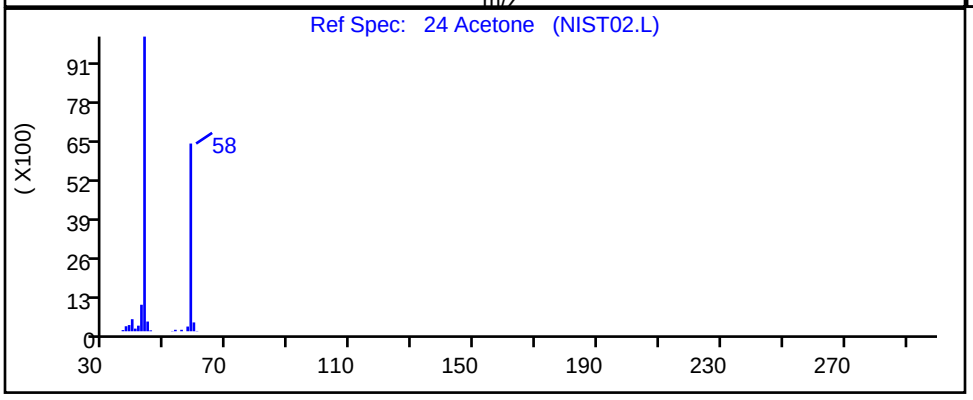
Processing Results











RT	Mass	Response	Amount
2.20	58.00	546	6.567706
2.20	43.00	3954	

Reviewer: boykink, 22-May-2019 06:31:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

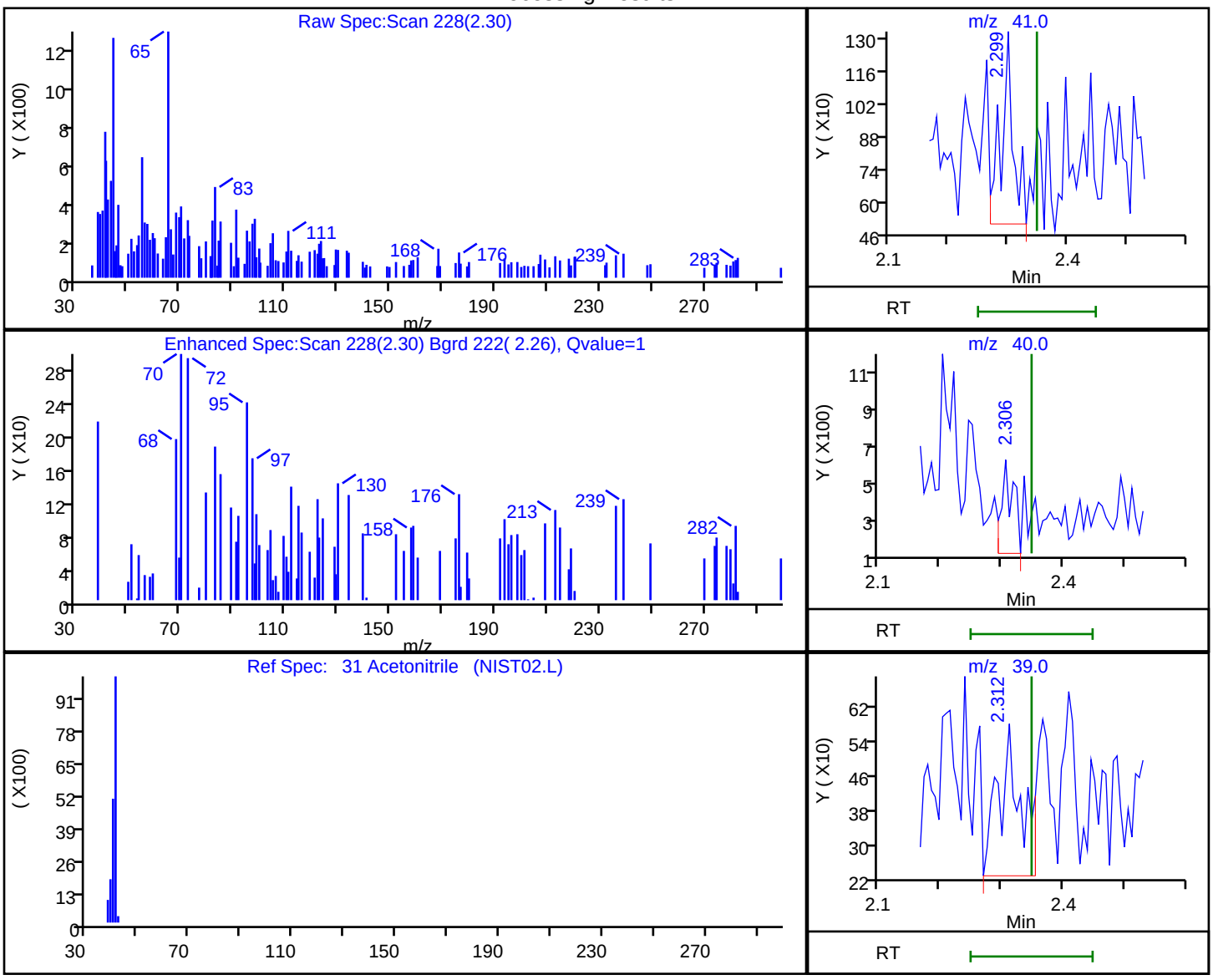
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.30	41.00	1182	6003.7056
2.31	40.00	657	
2.31	39.00	892	
2.28	38.00	448	

Reviewer: boykink, 22-May-2019 06:31:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

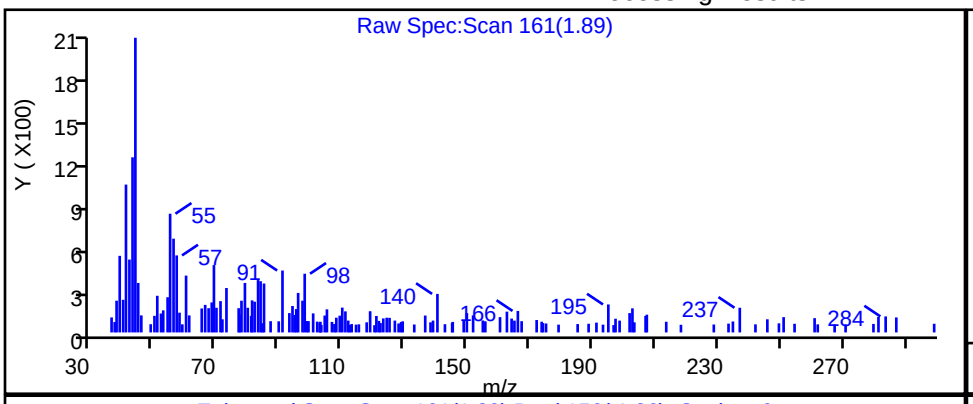
User Disabled Compound Report

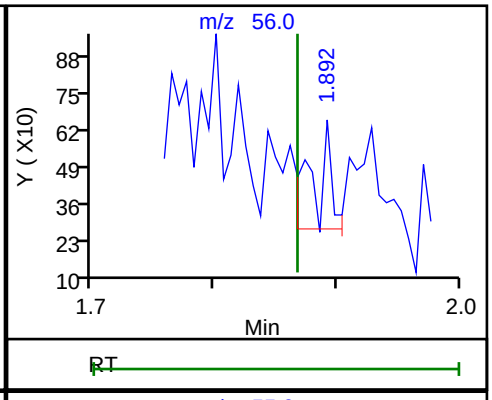
Eurofins TestAmerica, Edison

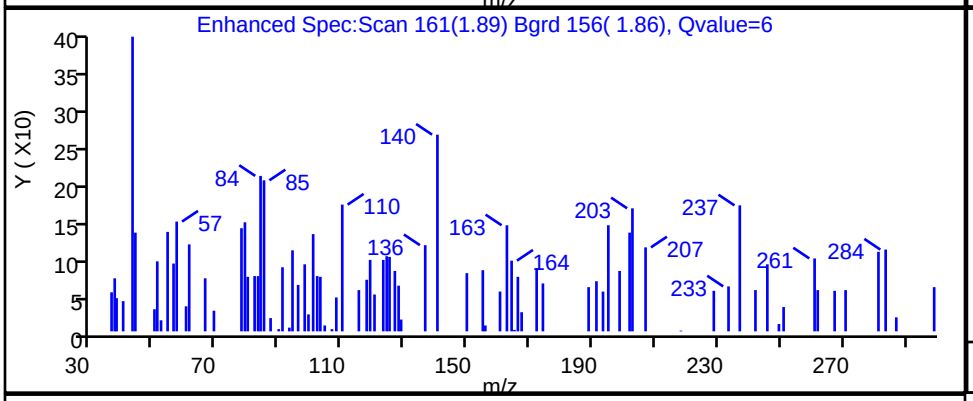
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

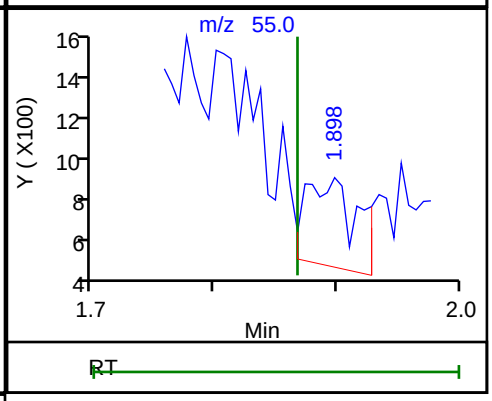
20 Acrolein, CAS: 107-02-8

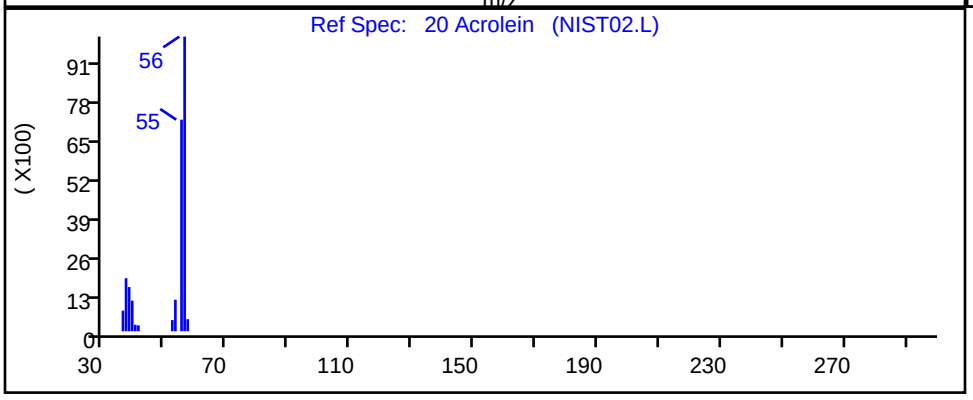
Processing Results











RT	Mass	Response	Amount
1.89	56.00	408	NaN
1.90	55.00	1293	

Reviewer: boykink, 22-May-2019 06:30:58

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

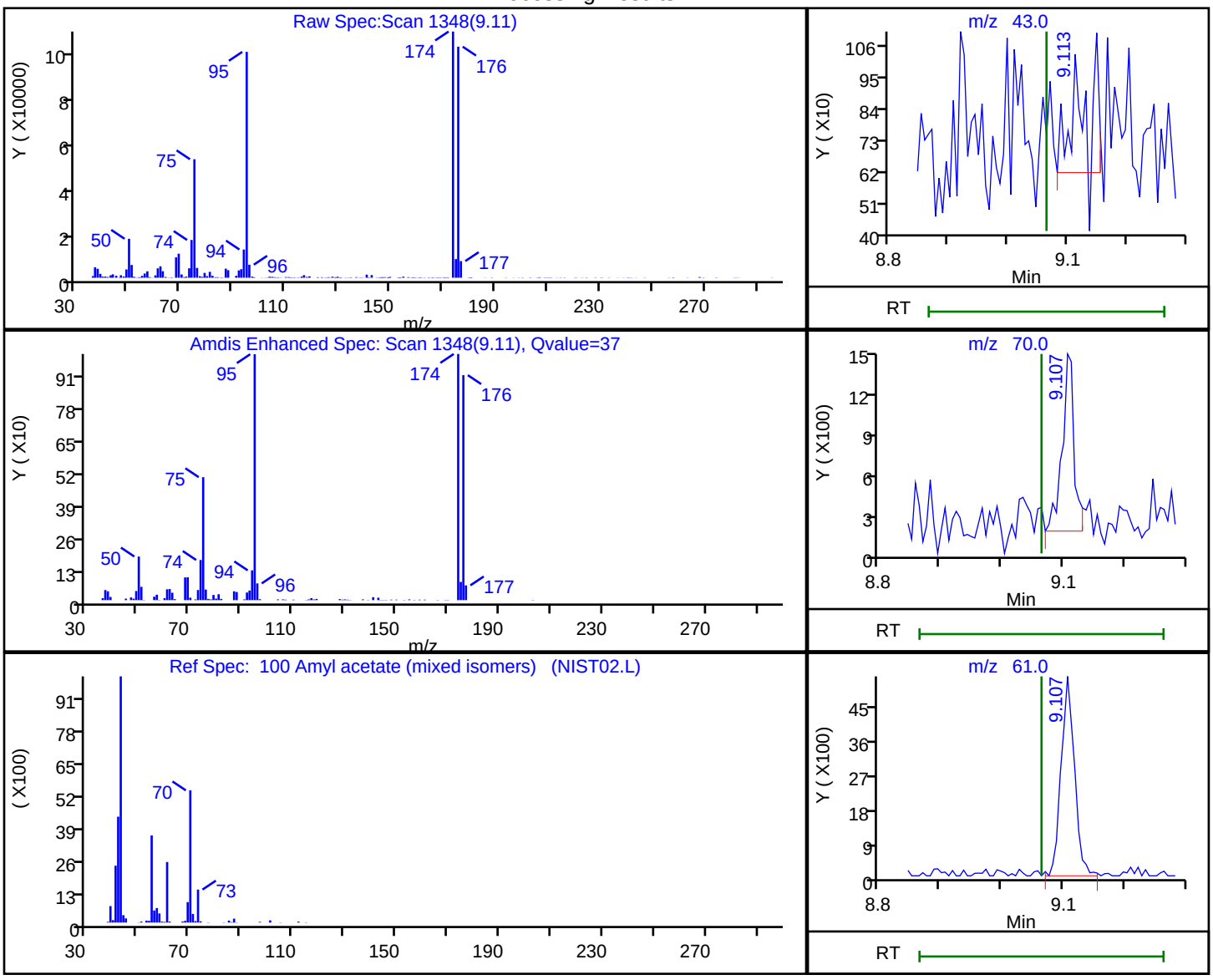
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

100 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.11	43.00	833	0.301561
9.11	70.00	1737	
9.11	61.00	7997	

Reviewer: boykink, 22-May-2019 06:32:15

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

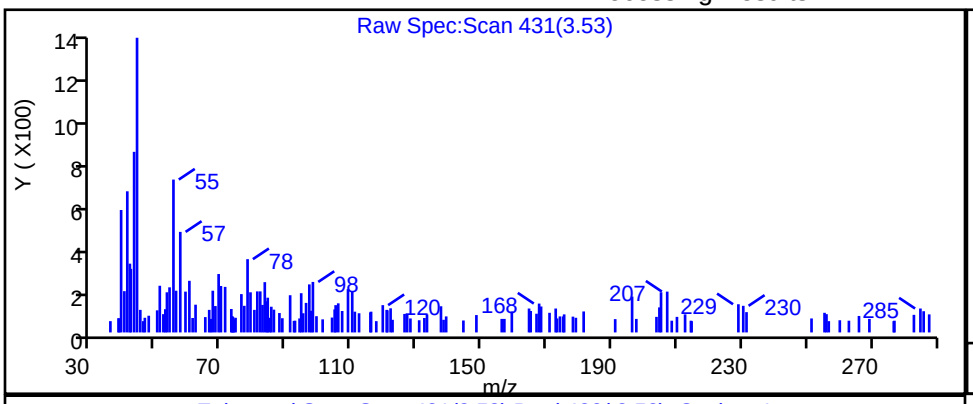
User Disabled Compound Report

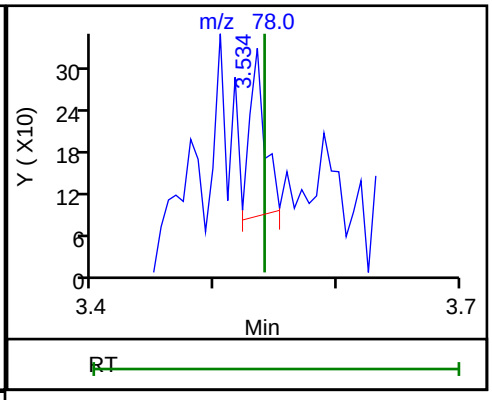
Eurofins TestAmerica, Edison

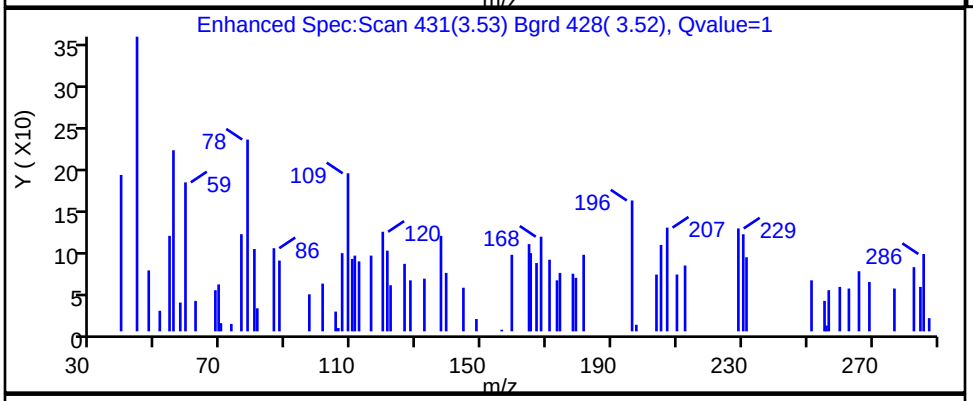
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

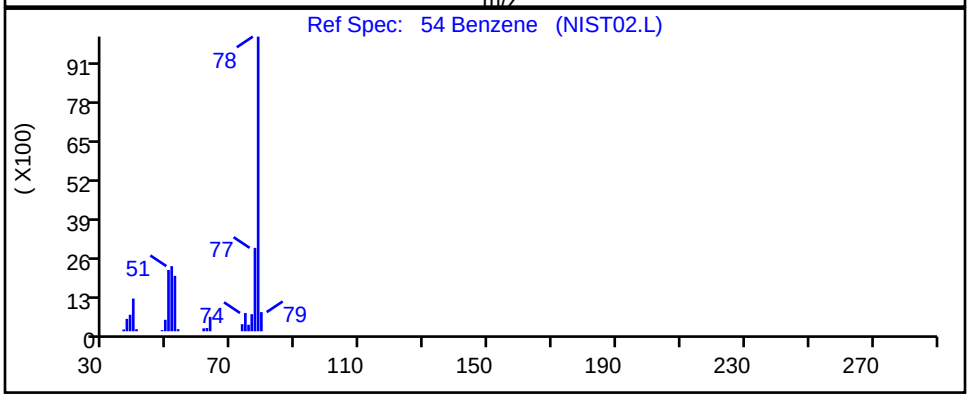
54 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
3.53	78.00	210	0.020950

Reviewer: boykink, 22-May-2019 06:31:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

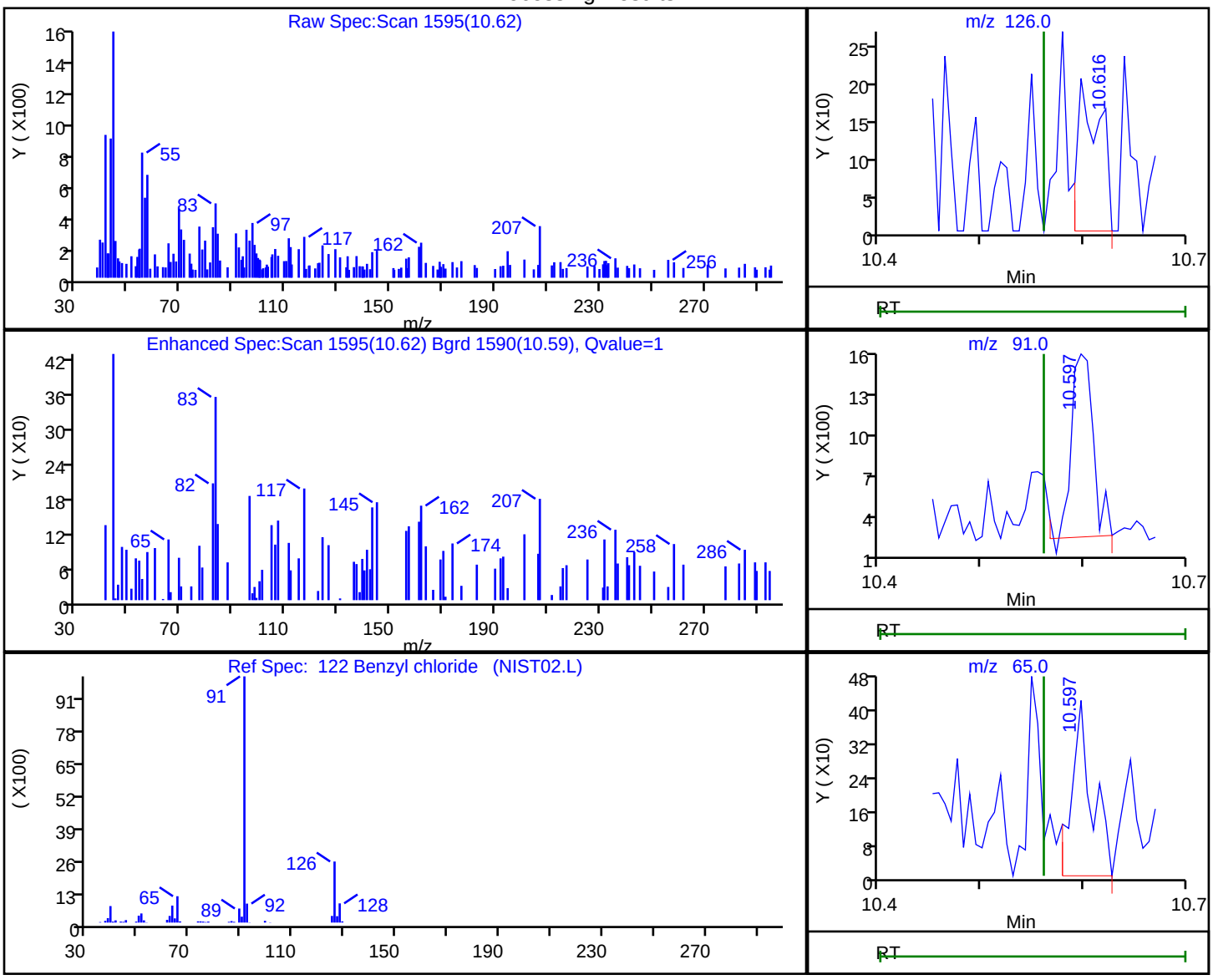
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.62	126.00	310	0.352440
10.60	91.00	1936	
10.60	65.00	571	

Reviewer: boykink, 22-May-2019 06:32:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

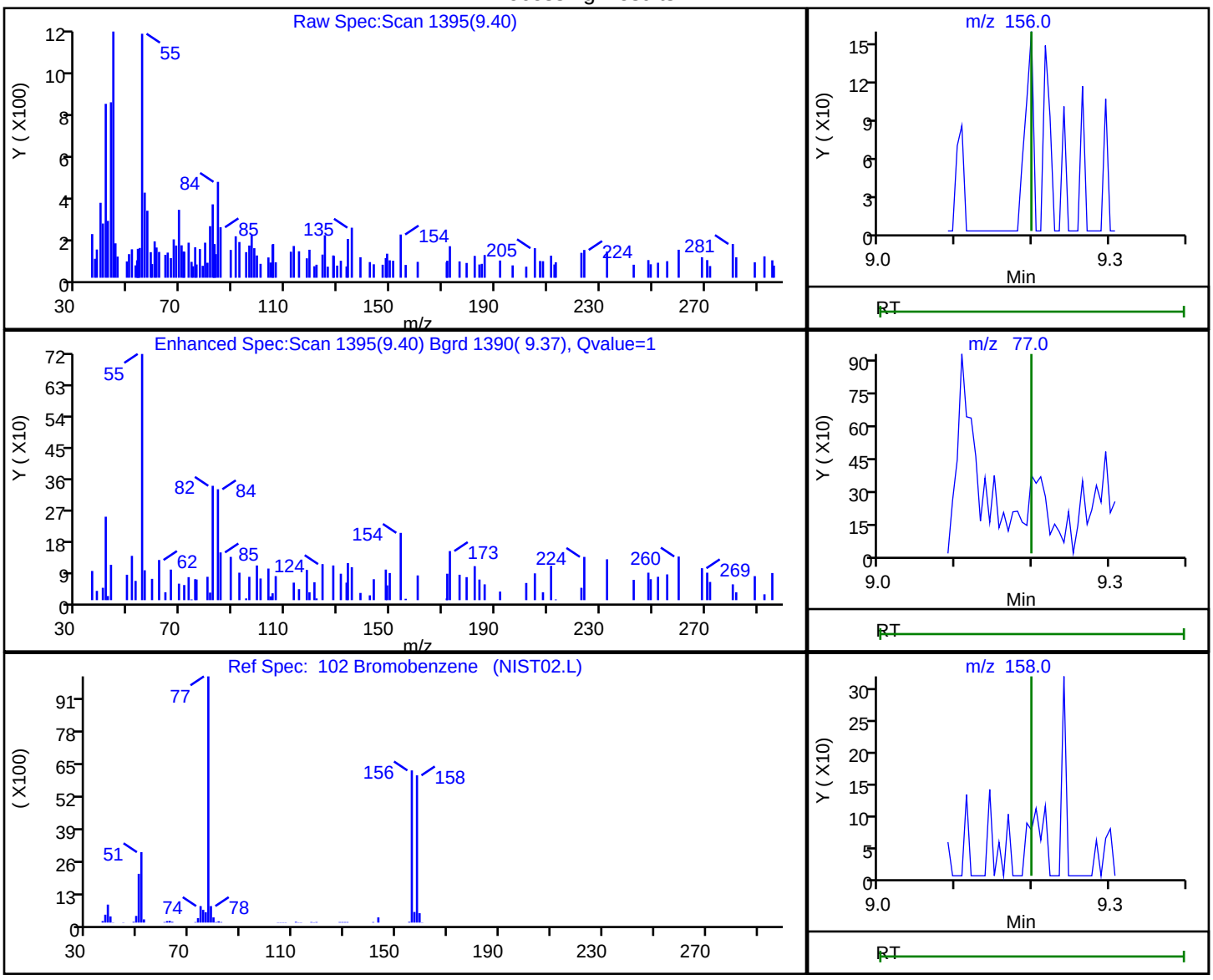
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

102 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.40	156.00	21	0.006402
9.39	77.00	245	
9.41	158.00	46	

Reviewer: boykink, 22-May-2019 06:32:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

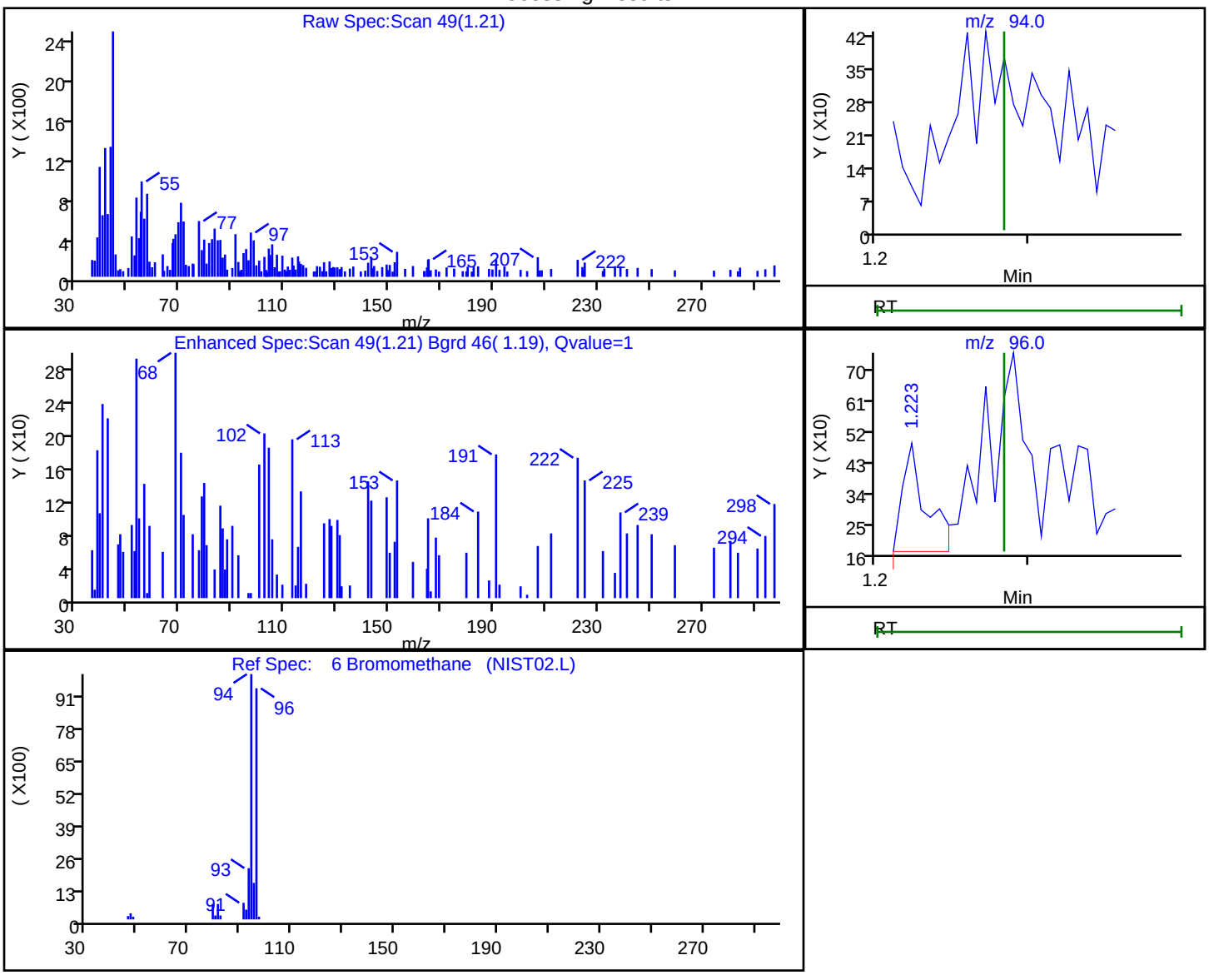
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

6 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.21	94.00	229	0.079044
1.22	96.00	343	

Reviewer: boykink, 22-May-2019 06:30:43

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

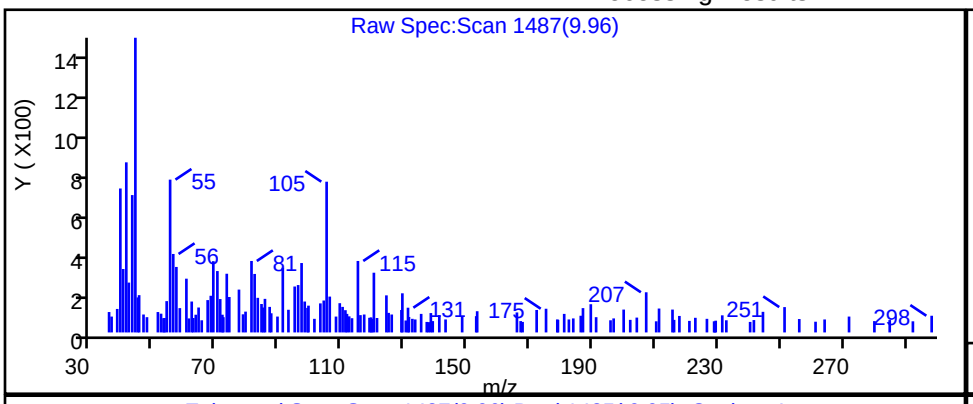
User Disabled Compound Report

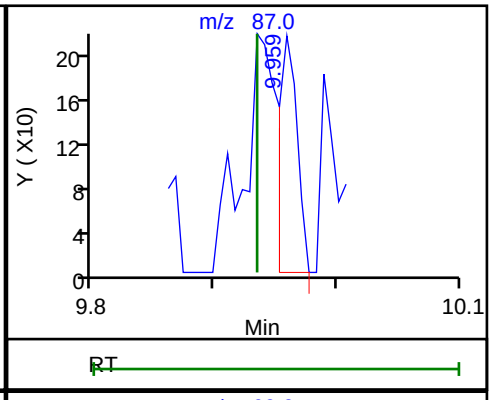
Eurofins TestAmerica, Edison

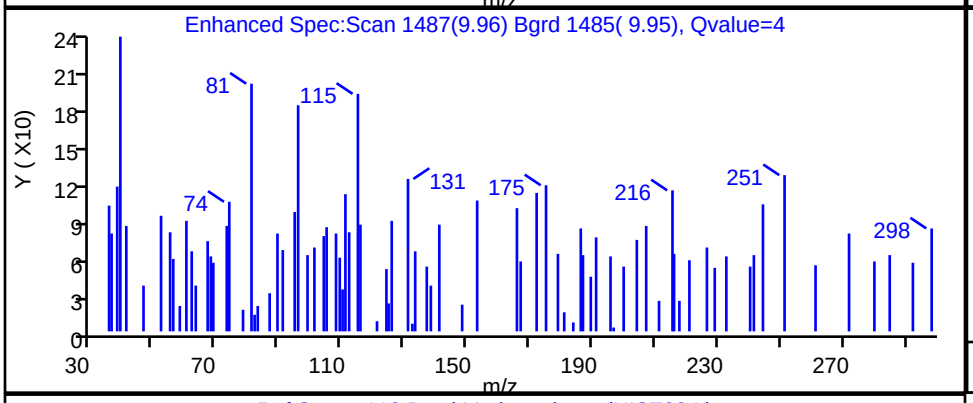
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

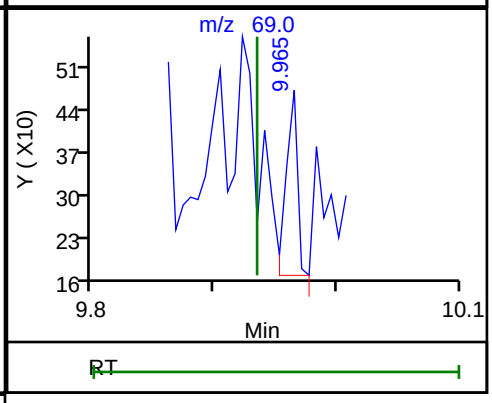
112 Butyl Methacrylate, CAS: 97-88-1

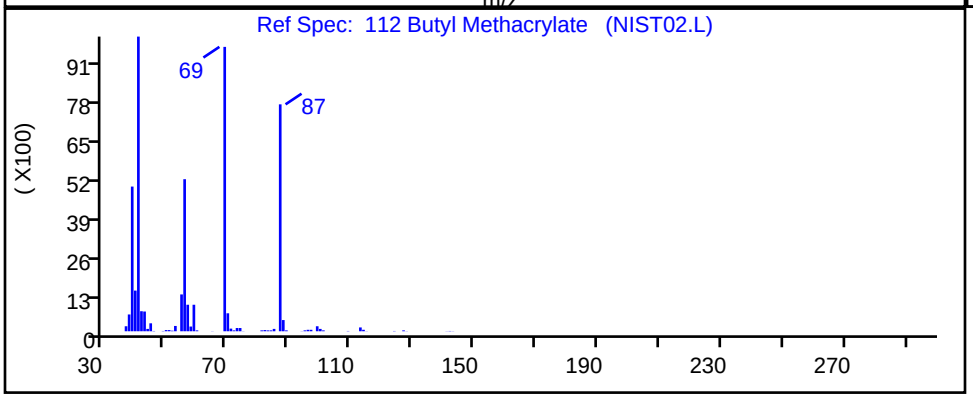
Processing Results











RT	Mass	Response	Amount
9.96	87.00	222	0.065331
9.96	69.00	196	

Reviewer: boykink, 22-May-2019 06:32:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

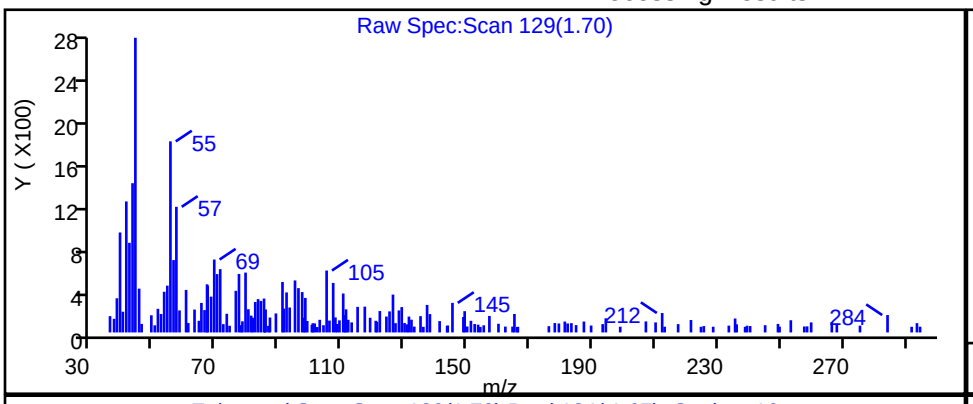
User Disabled Compound Report

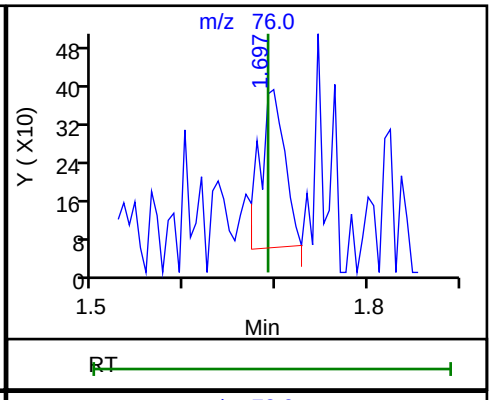
Eurofins TestAmerica, Edison

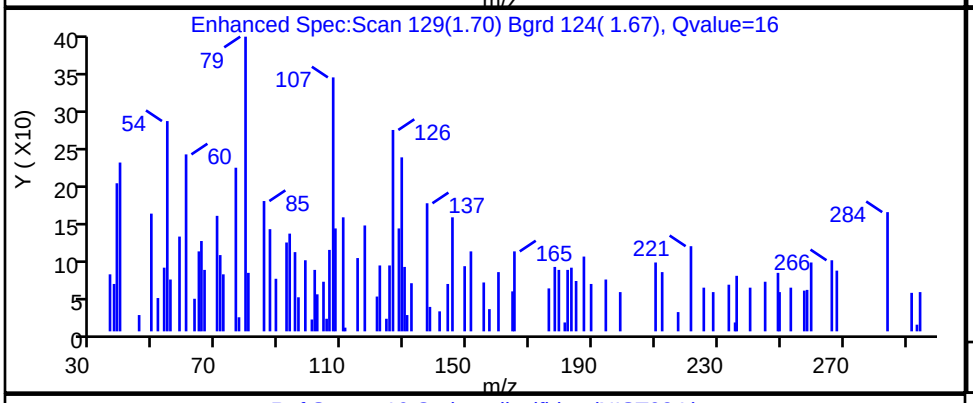
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

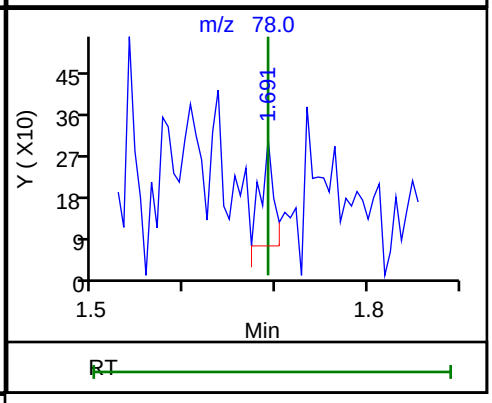
16 Carbon disulfide, CAS: 75-15-0

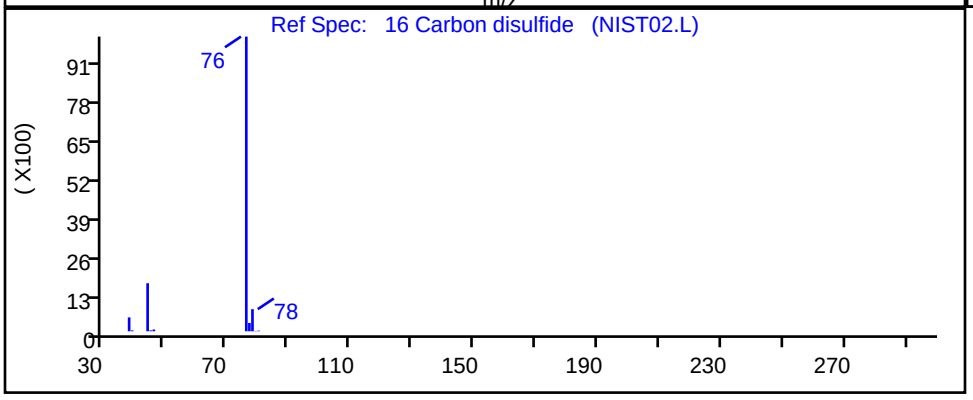
Processing Results











RT	Mass	Response	Amount
1.70	76.00	626	0.080902
1.69	78.00	227	

Reviewer: boykink, 22-May-2019 06:30:52

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

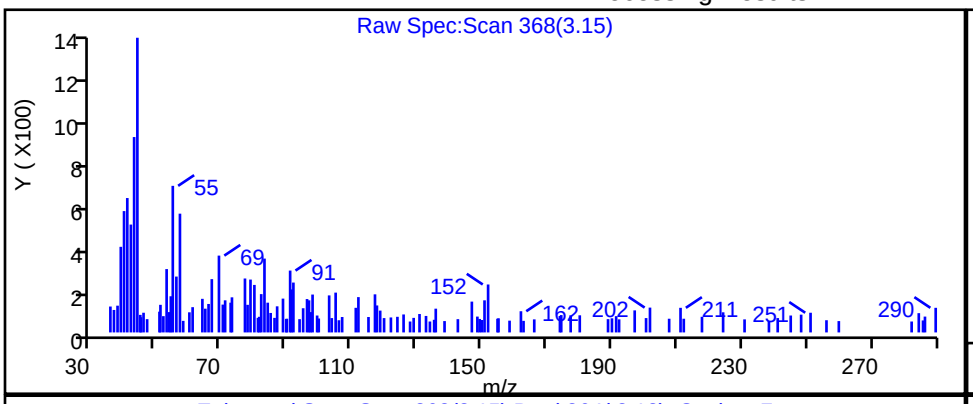
User Disabled Compound Report

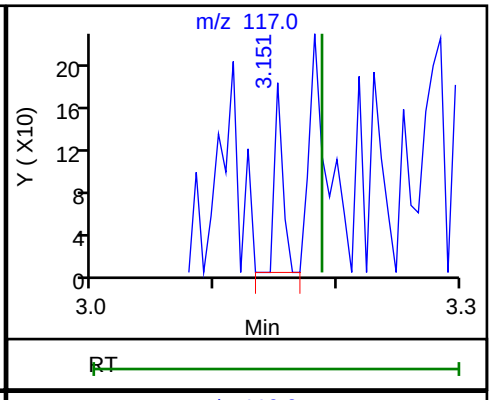
Eurofins TestAmerica, Edison

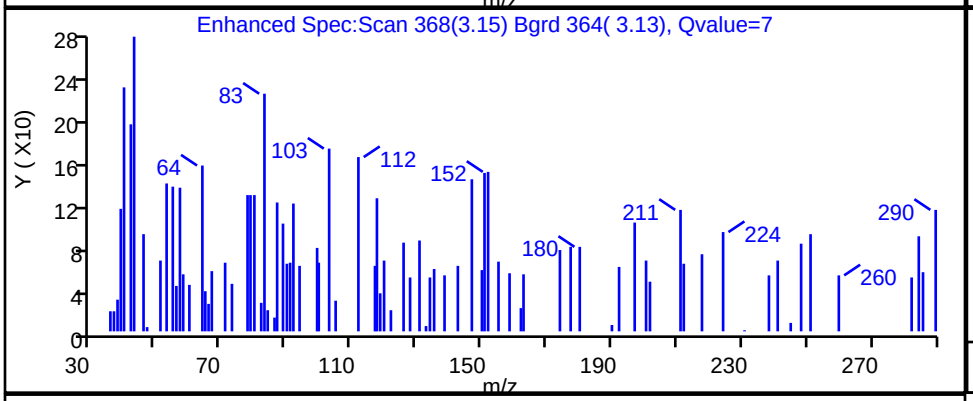
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

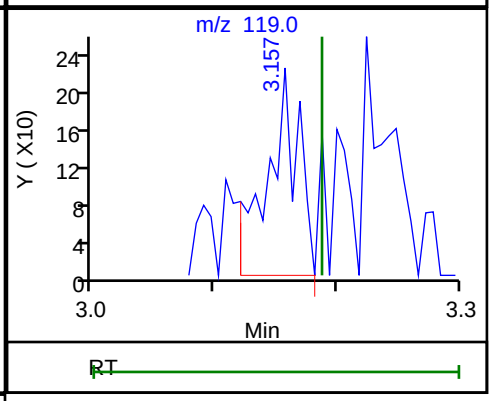
43 Carbon tetrachloride, CAS: 56-23-5

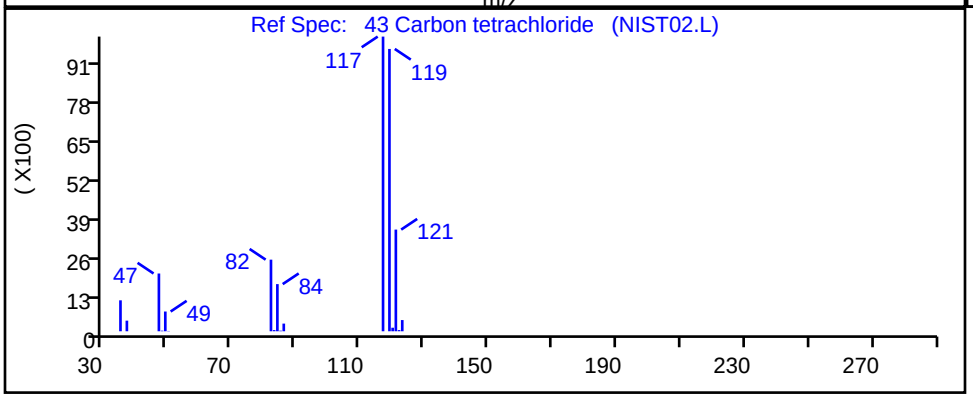
Processing Results











RT	Mass	Response	Amount
3.15	117.00	83	0.017593
3.16	119.00	392	

Reviewer: boykink, 22-May-2019 06:31:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

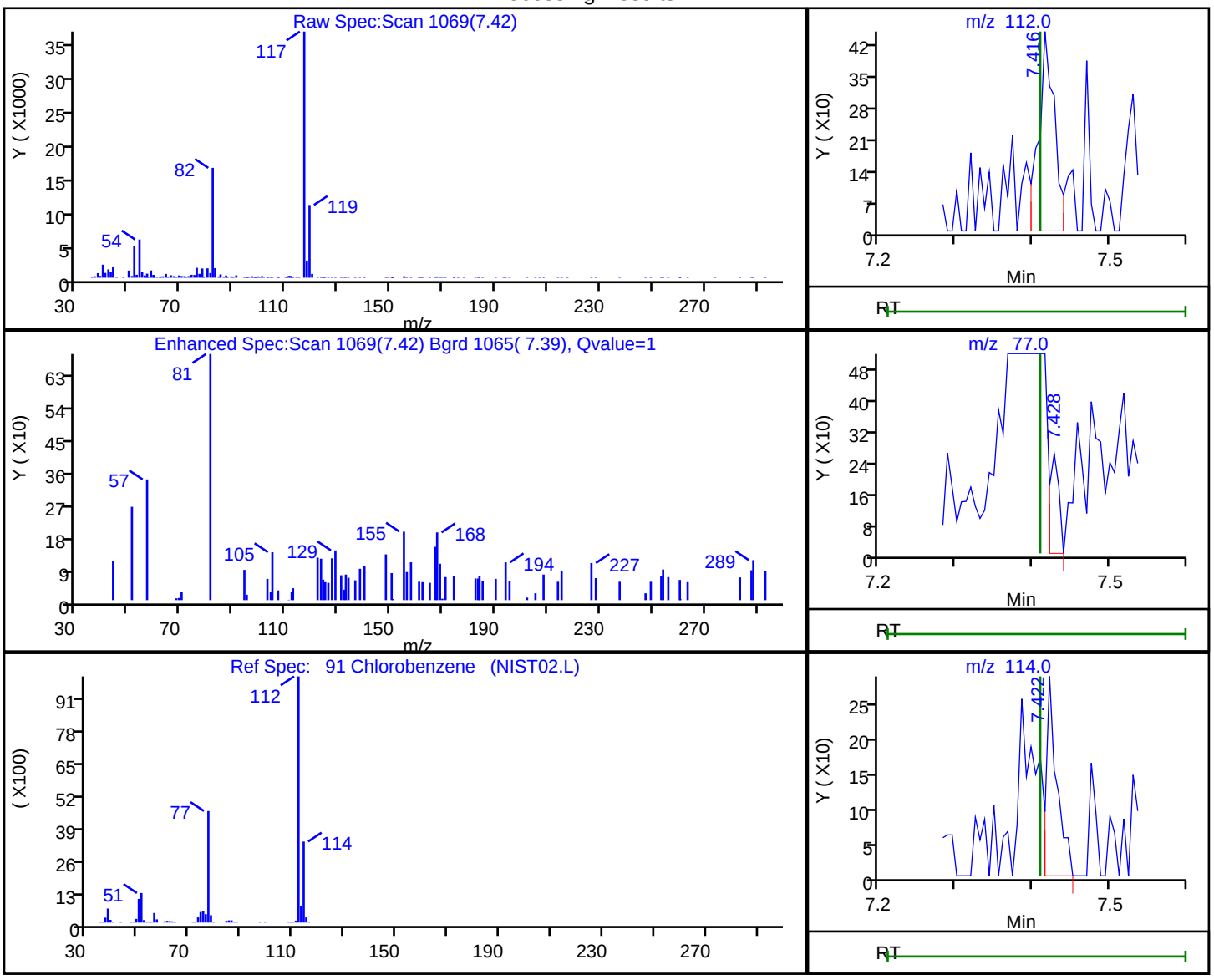
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

91 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
7.42	112.00	639	0.084179
7.43	77.00	222	
7.42	114.00	273	

Reviewer: boykink, 22-May-2019 06:32:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

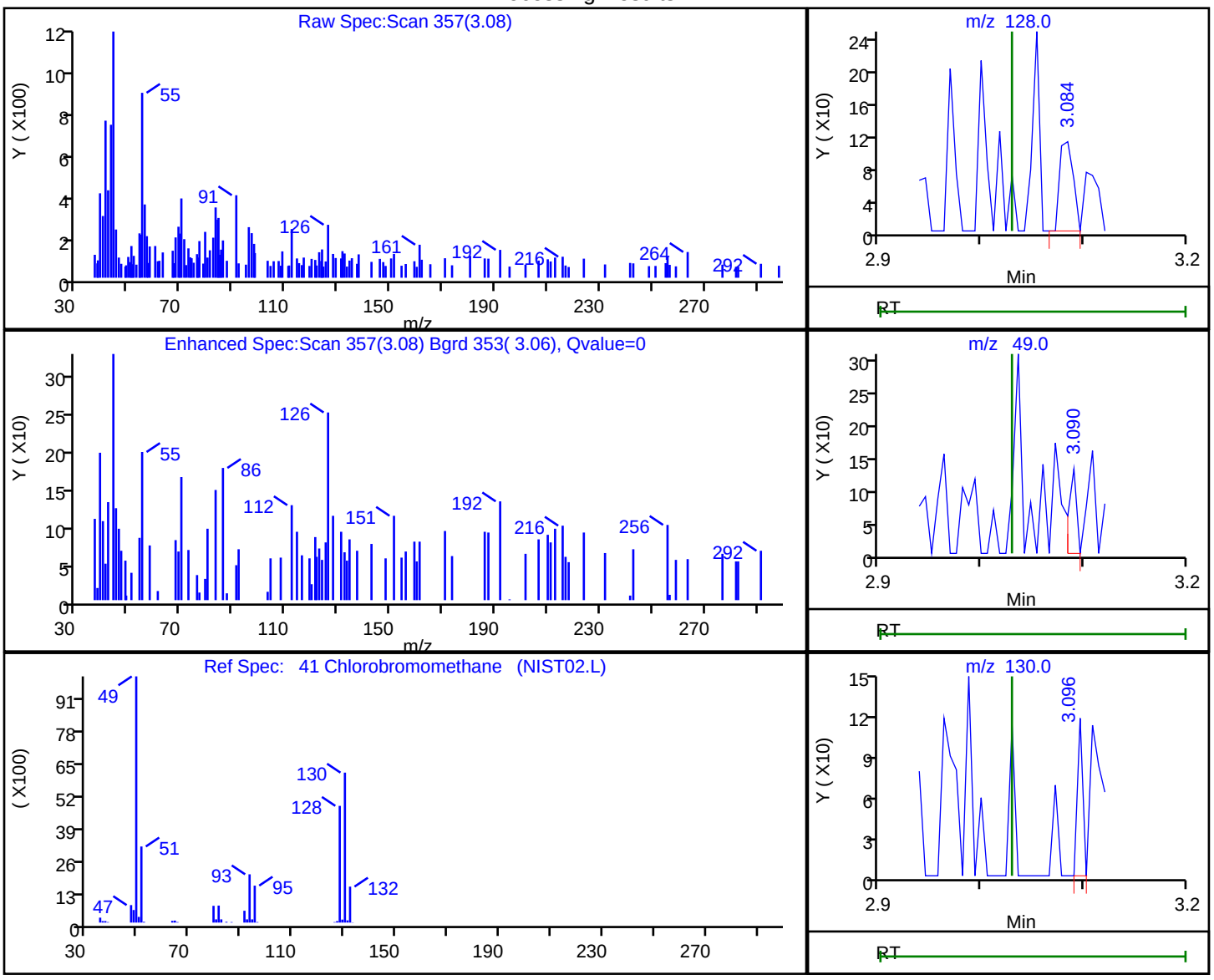
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

41 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
3.08	128.00	103	0.094580
3.09	49.00	69	
3.10	130.00	41	

Reviewer: boykink, 22-May-2019 06:31:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

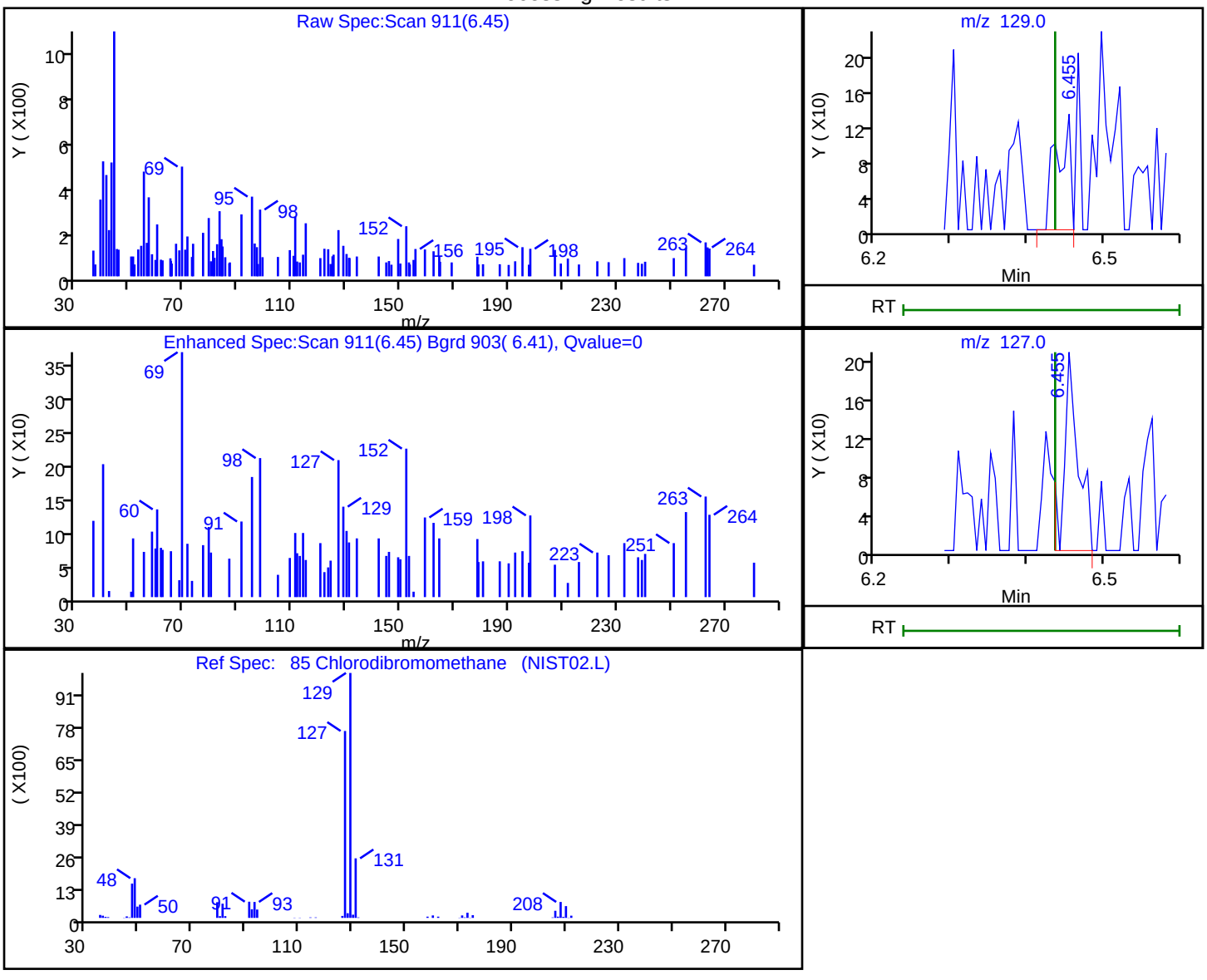
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

85 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
6.45	129.00	171	0.086131
6.45	127.00	261	

Reviewer: boykink, 22-May-2019 06:32:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

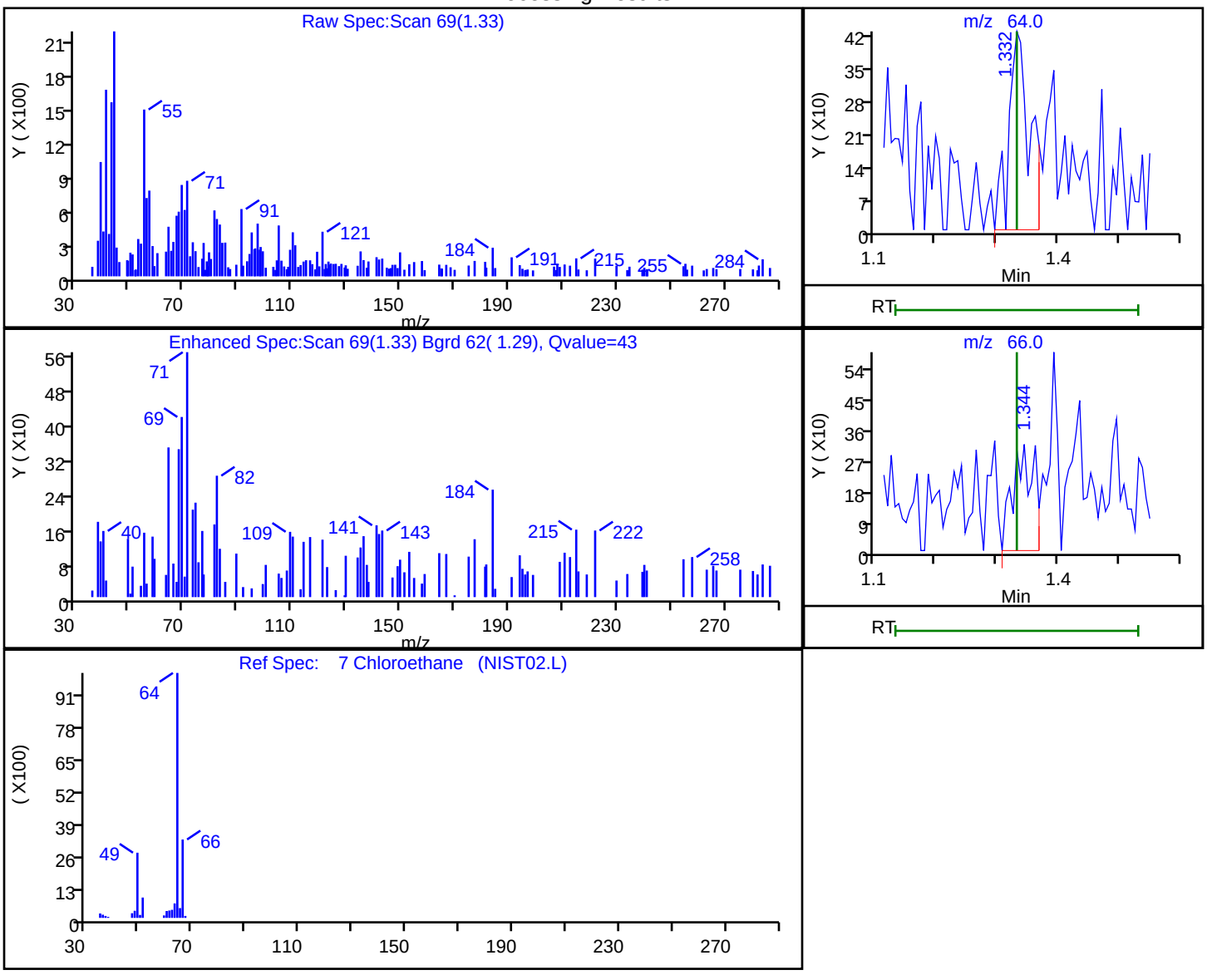
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

7 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.33	64.00	1011	0.431672
1.34	66.00	747	

Reviewer: boykink, 22-May-2019 06:30:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

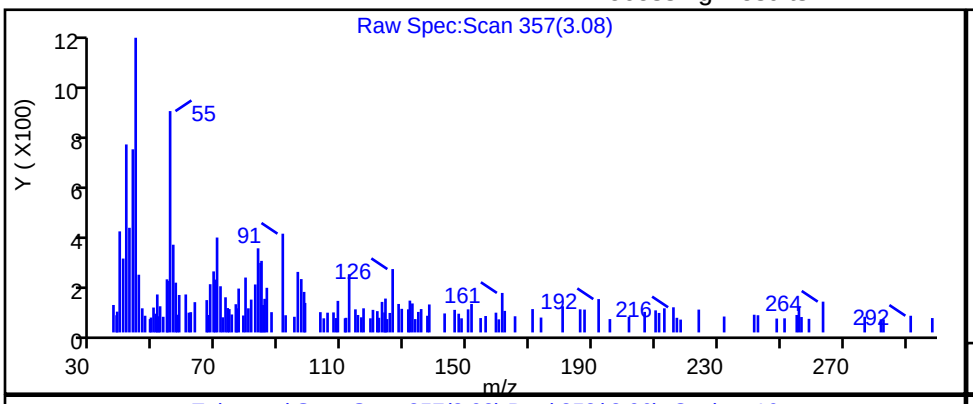
User Disabled Compound Report

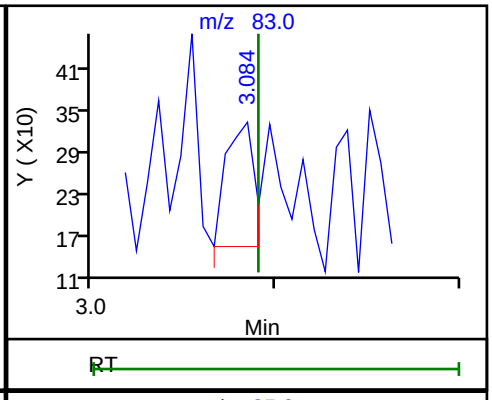
Eurofins TestAmerica, Edison

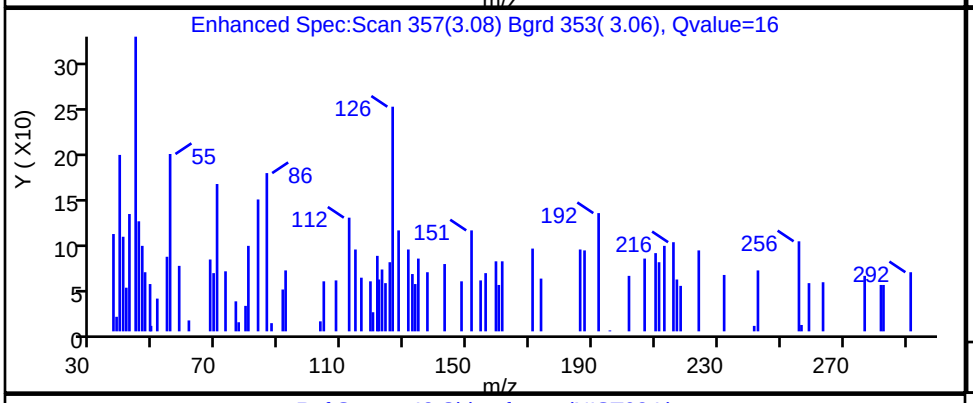
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

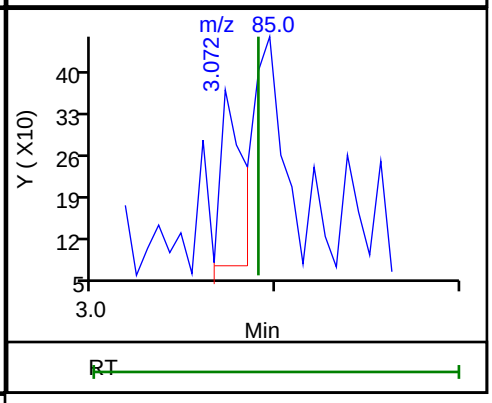
42 Chloroform, CAS: 67-66-3

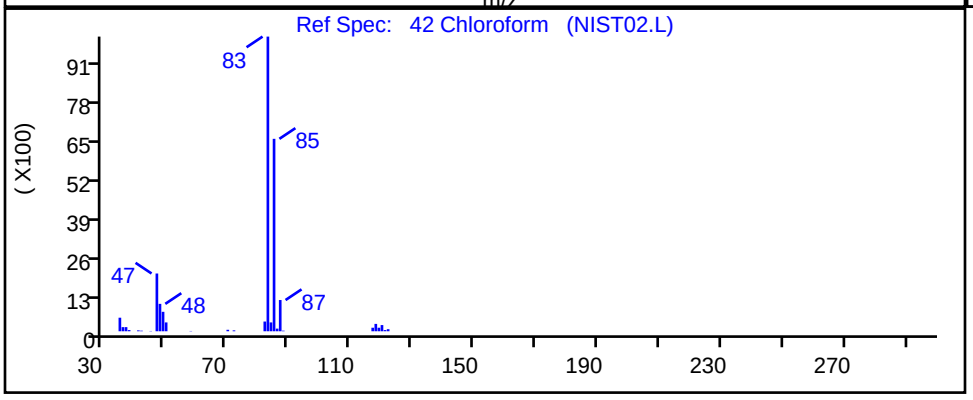
Processing Results











RT	Mass	Response	Amount
3.08	83.00	187	0.044431
3.07	85.00	243	

Reviewer: boykink, 22-May-2019 06:31:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

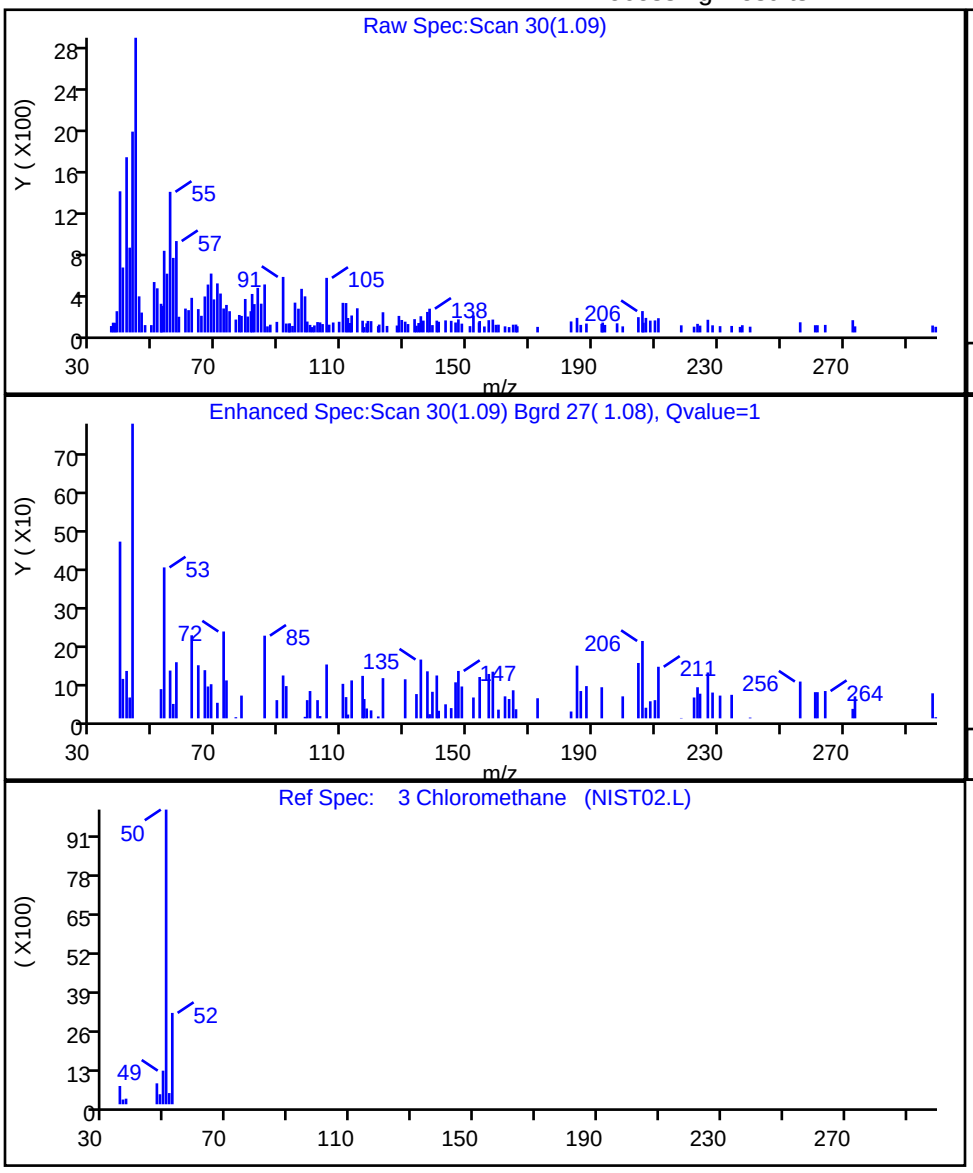
User Disabled Compound Report

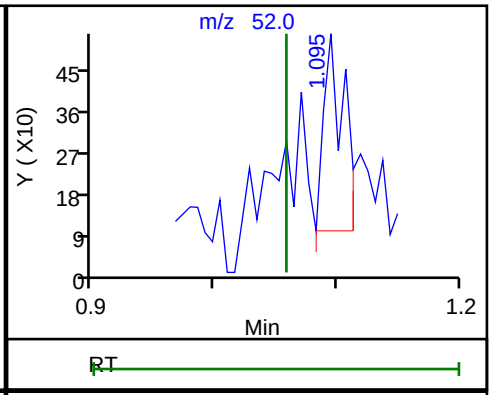
Eurofins TestAmerica, Edison

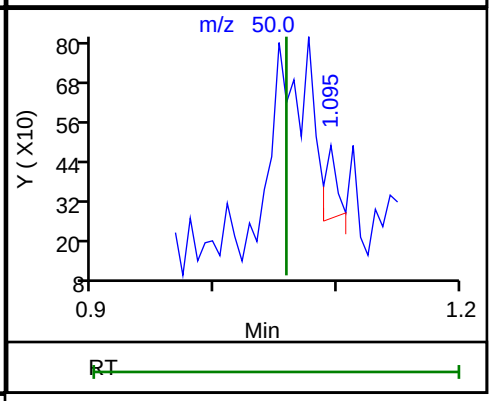
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

3 Chloromethane, CAS: 74-87-3

Processing Results







RT	Mass	Response	Amount
1.09	52.00	502	0.245896
1.09	50.00	144	

Reviewer: boykink, 22-May-2019 06:30:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

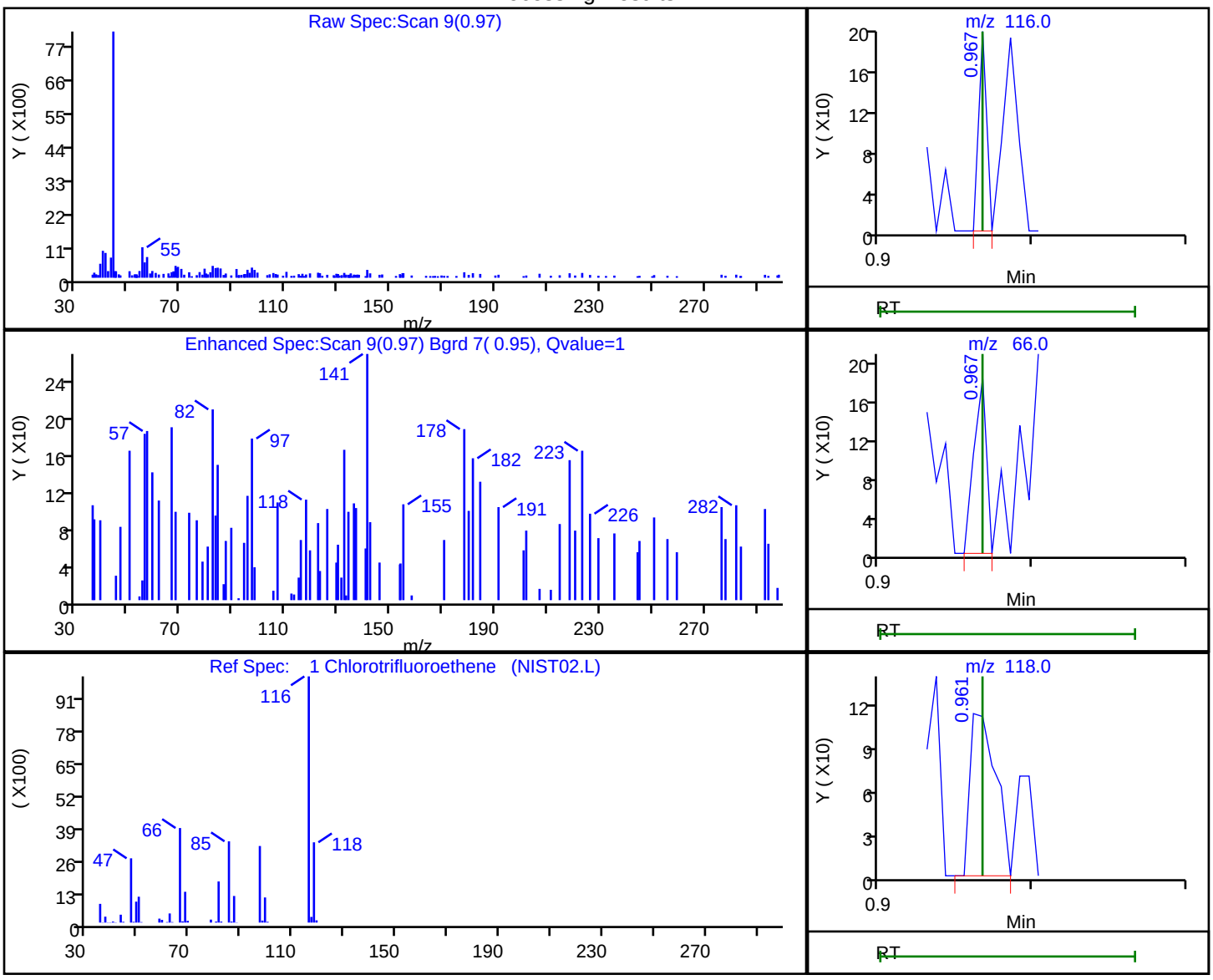
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
0.97	116.00	71	0.008888
0.97	66.00	105	
0.96	118.00	128	

Reviewer: boykink, 22-May-2019 06:30:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

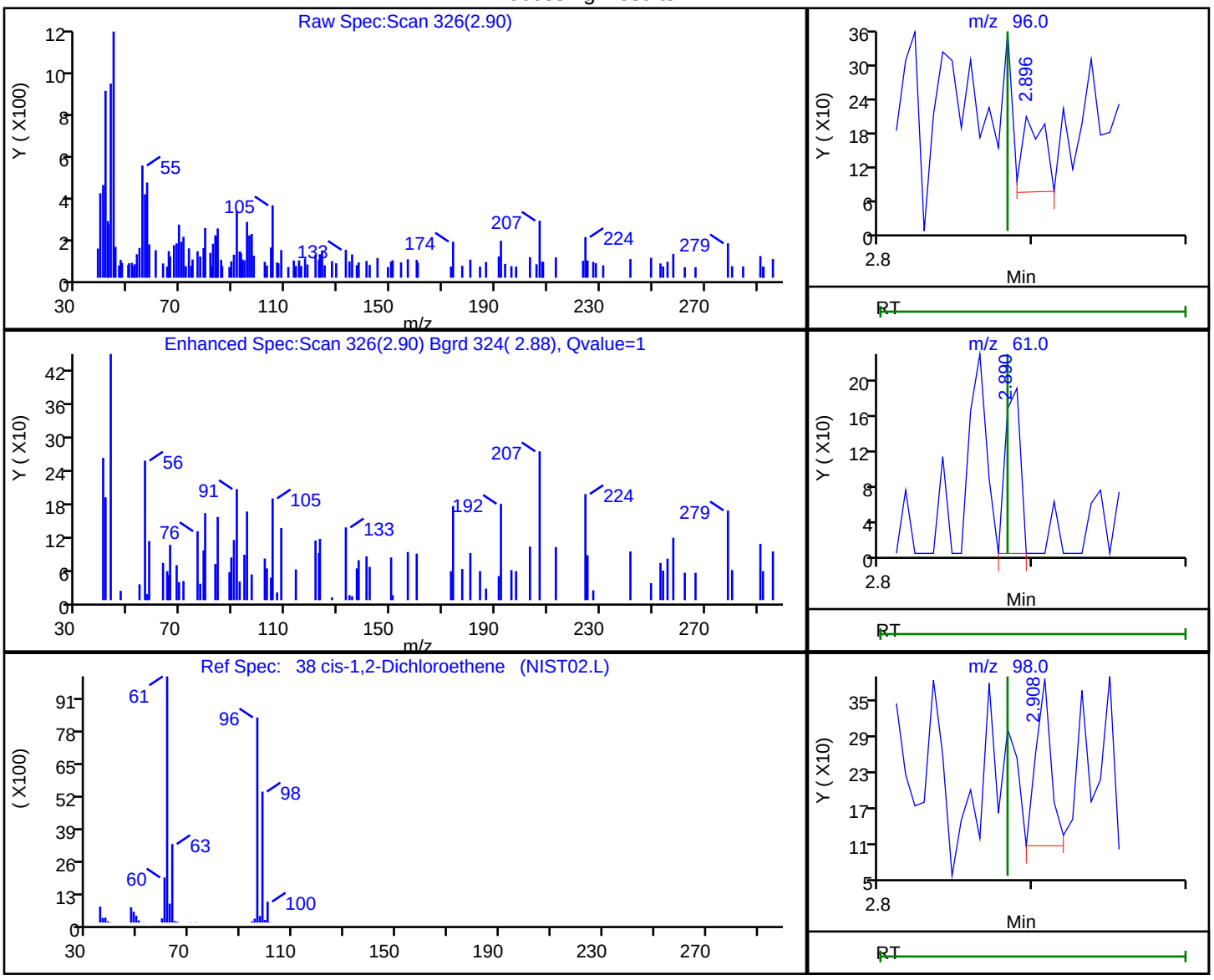
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

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

Processing Results



RT	Mass	Response	Amount
2.90	96.00	134	0.052651
2.89	61.00	129	
2.91	98.00	186	

Reviewer: boykink, 22-May-2019 06:31:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

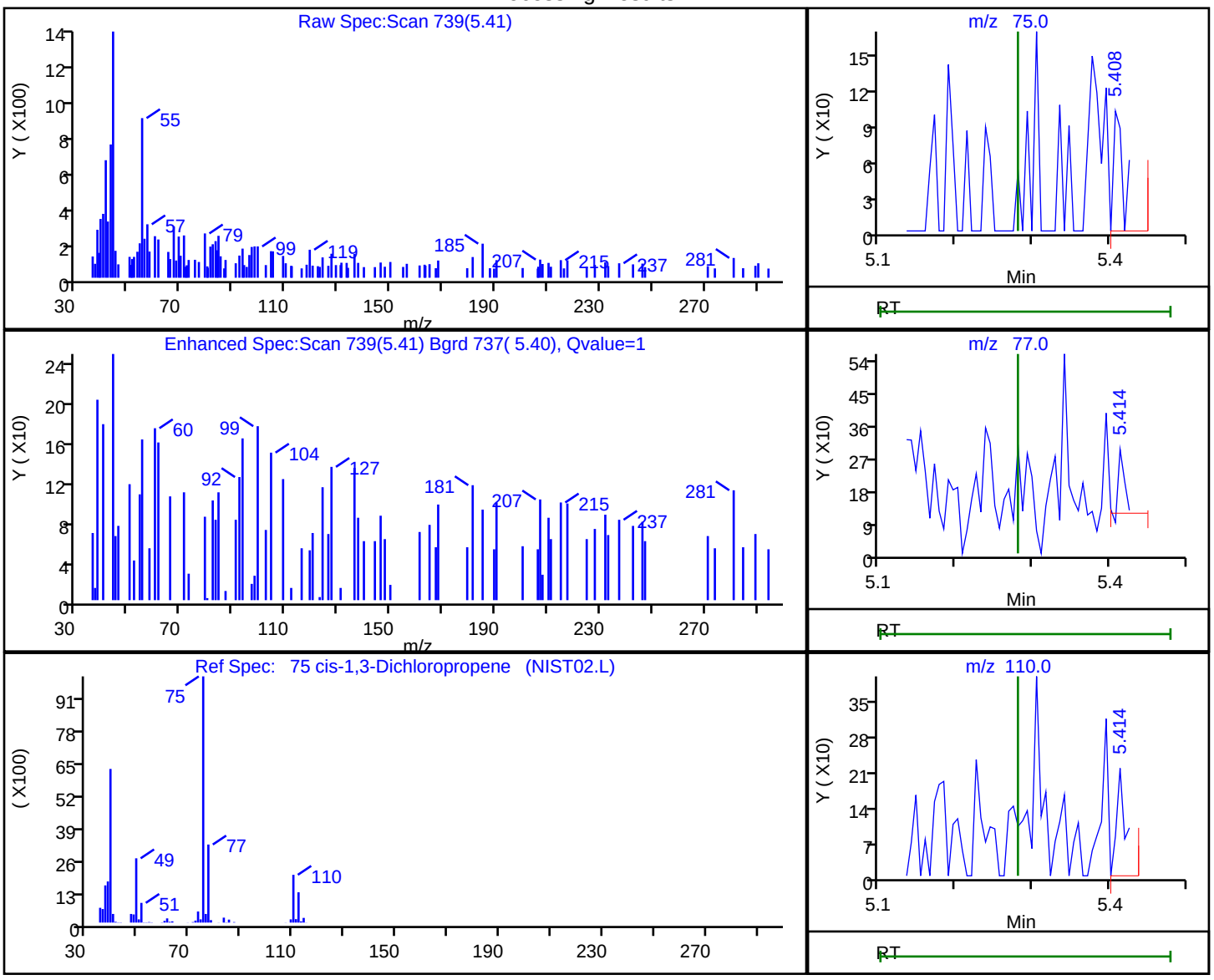
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

75 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
5.41	75.00	181	0.050282
5.41	77.00	177	
5.41	110.00	246	

Reviewer: boykink, 22-May-2019 06:31:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

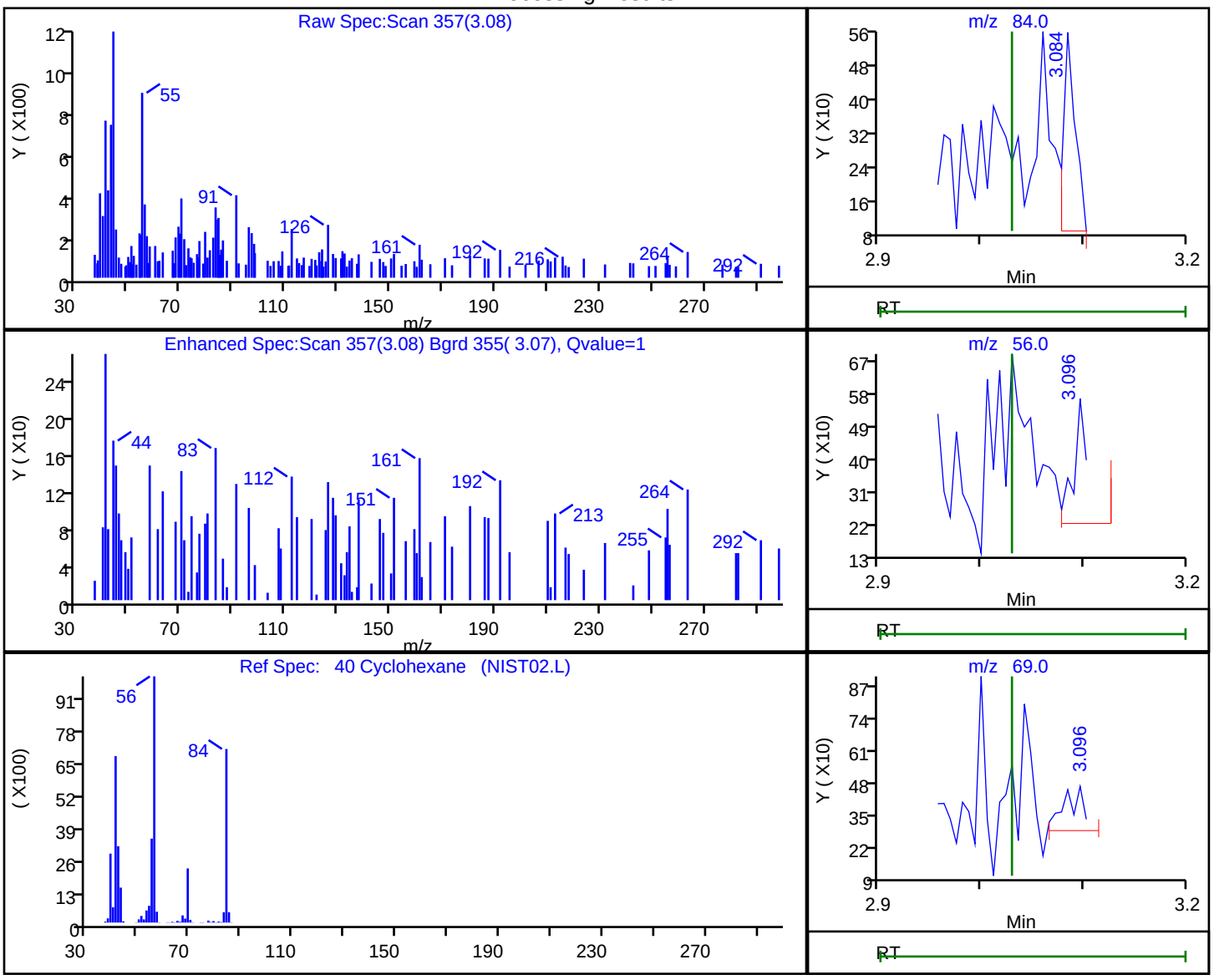
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

40 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.08	84.00	379	0.086827
3.10	56.00	329	
3.10	69.00	277	

Reviewer: boykink, 22-May-2019 06:31:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

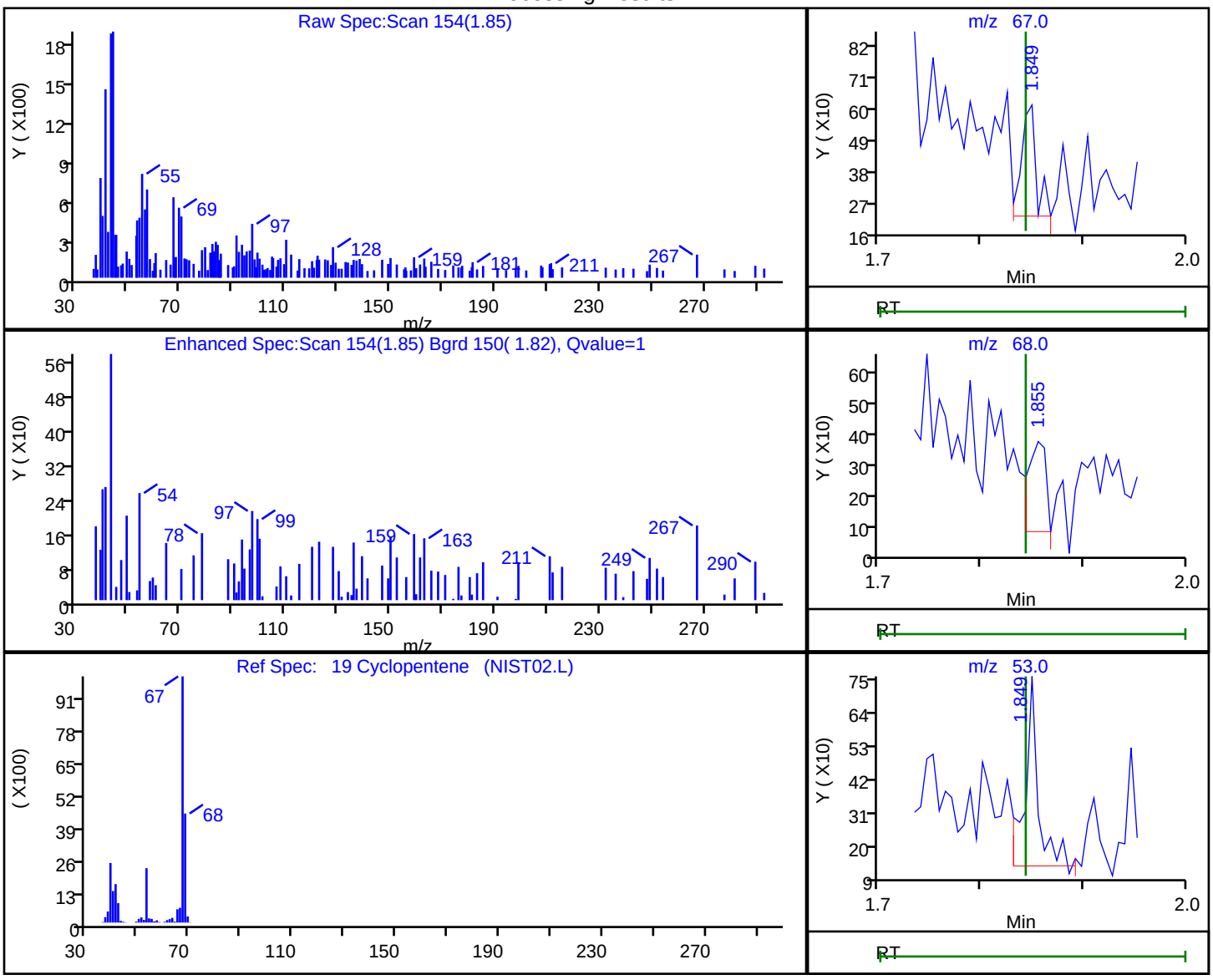
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

19 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
1.85	67.00	391	0.071783
1.86	68.00	359	
1.85	53.00	556	

Reviewer: boykink, 22-May-2019 06:30:57

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

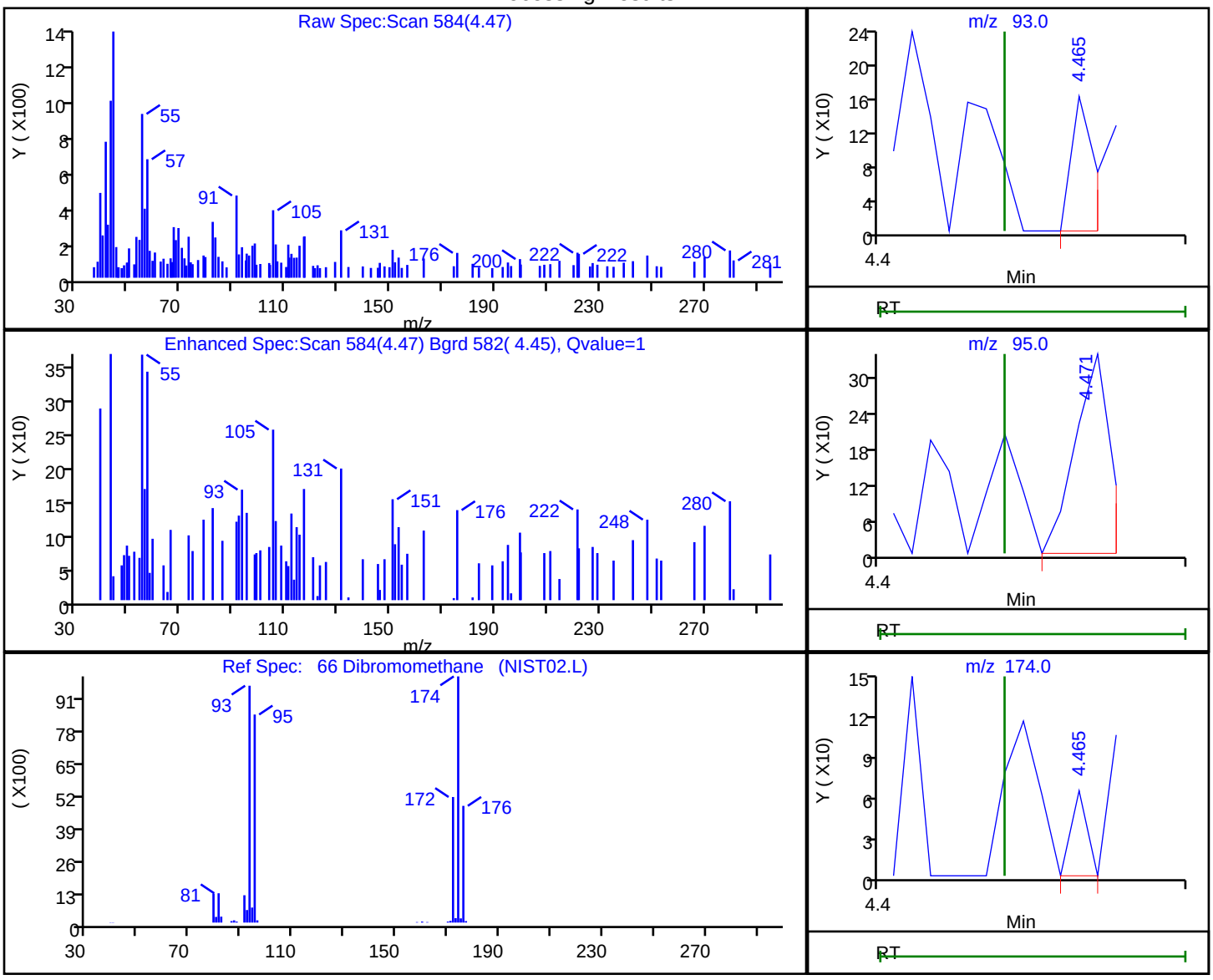
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

66 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
4.47	93.00	85	0.085122
4.47	95.00	272	
4.47	174.00	22	

Reviewer: boykink, 22-May-2019 06:31:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

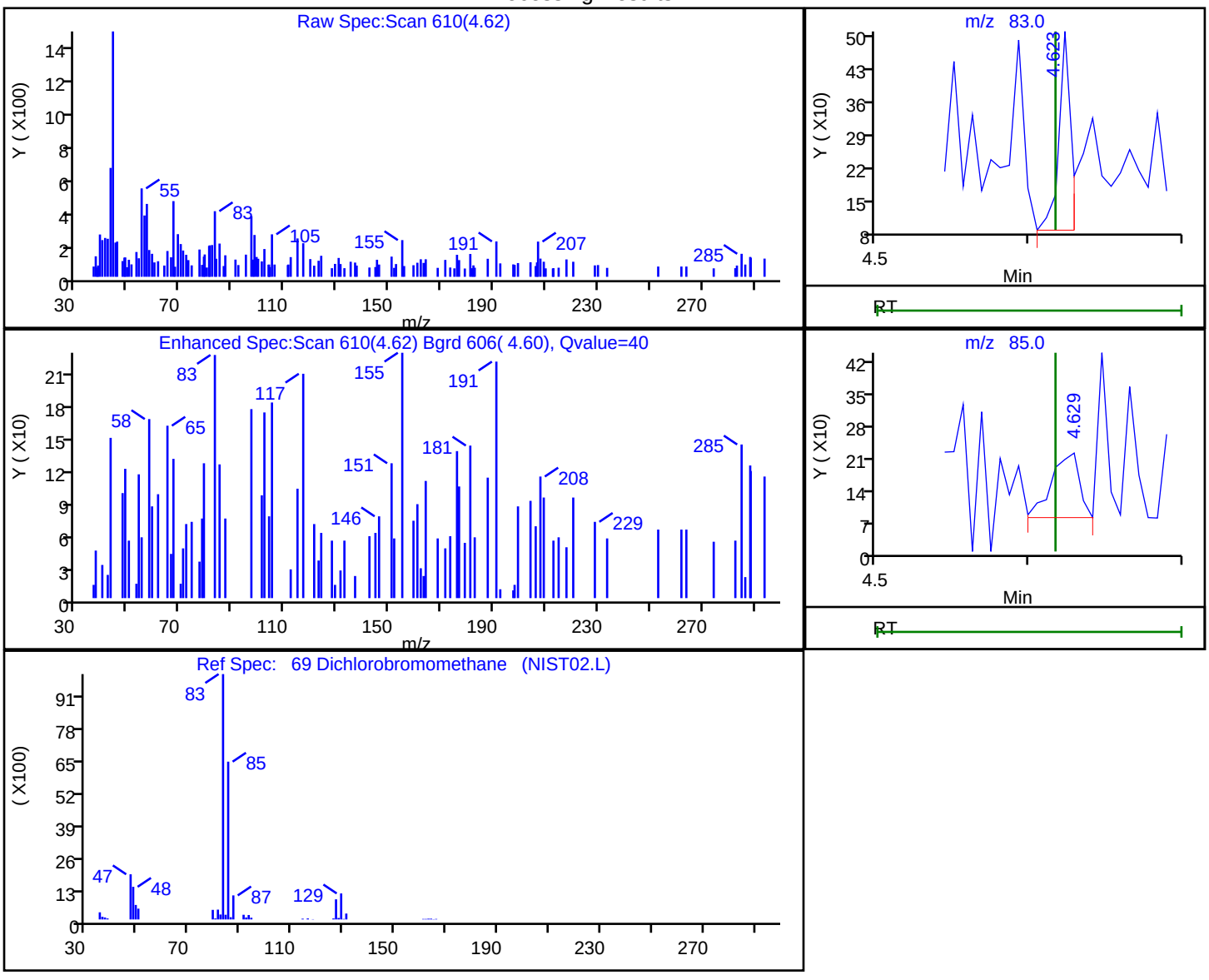
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

69 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
4.62	83.00	231	0.075648
4.63	85.00	180	

Reviewer: boykink, 22-May-2019 06:31:50

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

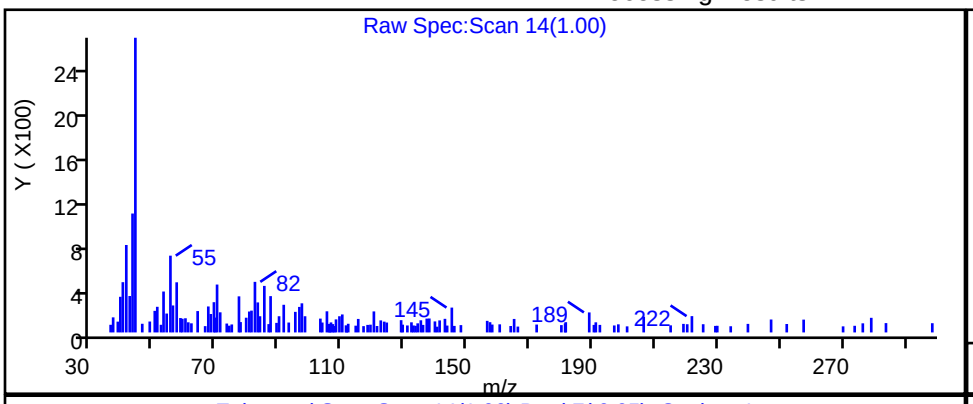
User Disabled Compound Report

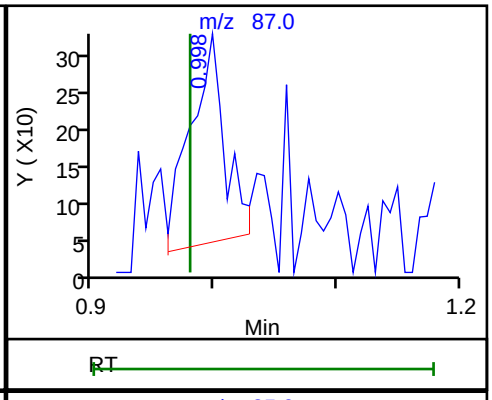
Eurofins TestAmerica, Edison

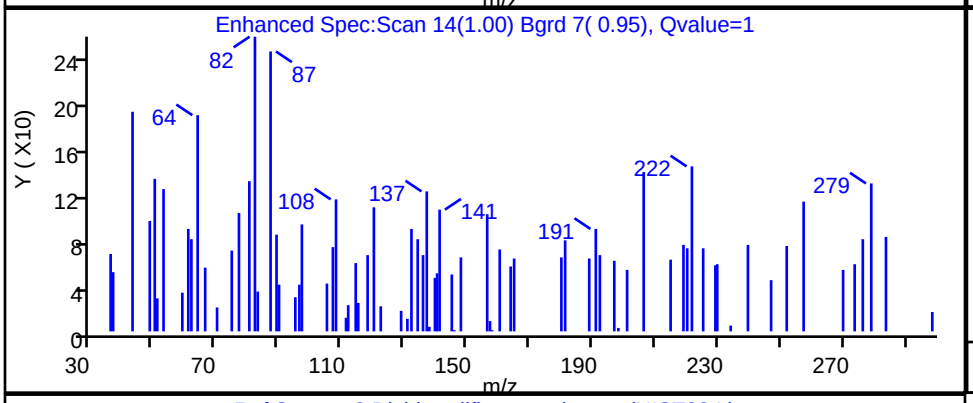
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

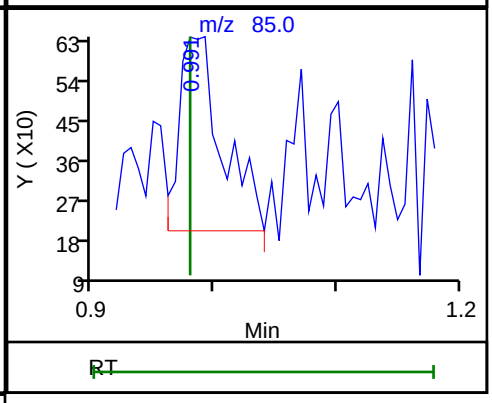
2 Dichlorodifluoromethane, CAS: 75-71-8

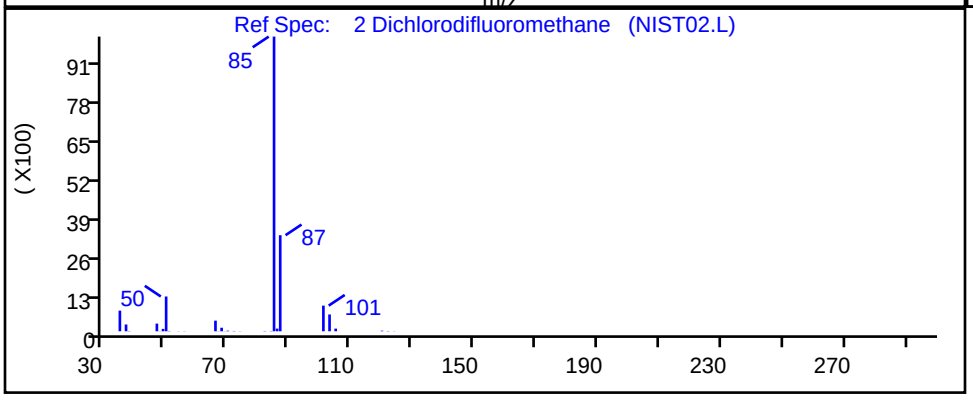
Processing Results











RT	Mass	Response	Amount
1.00	87.00	560	0.286966
0.99	85.00	1064	

Reviewer: boykink, 22-May-2019 06:30:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

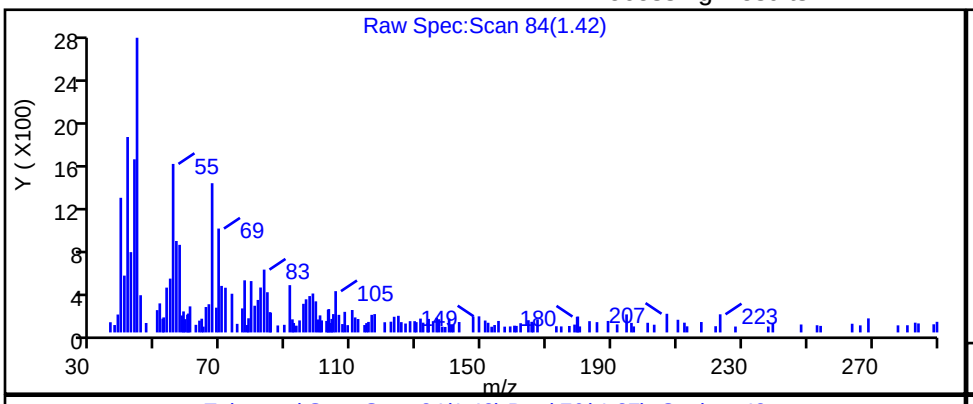
User Disabled Compound Report

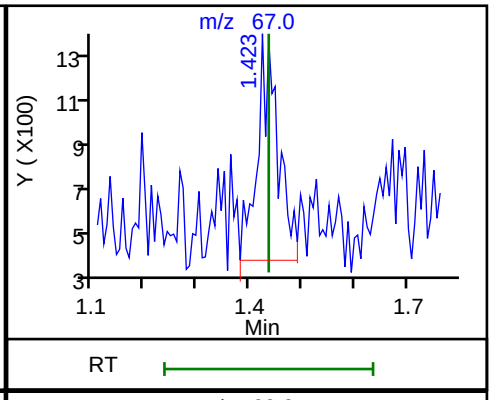
Eurofins TestAmerica, Edison

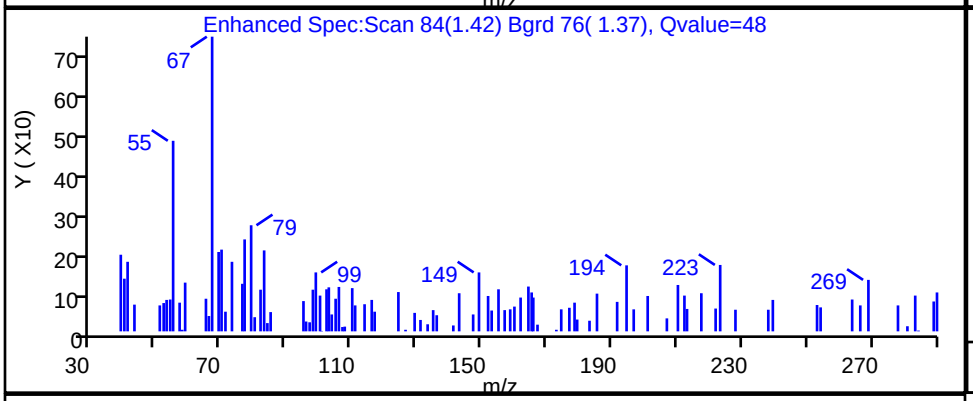
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

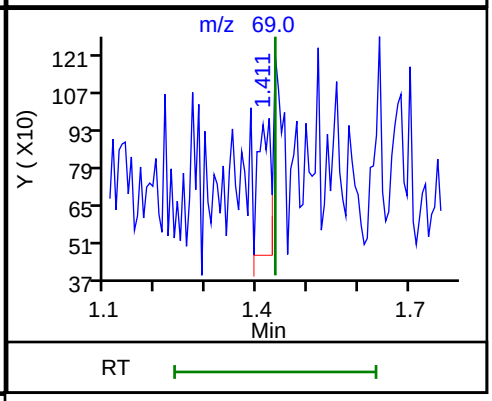
10 Dichlorofluoromethane, CAS: 75-43-4

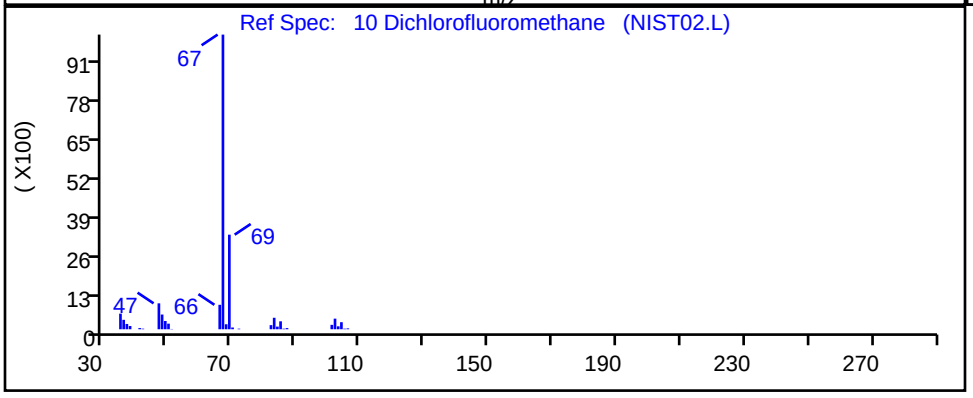
Processing Results











RT	Mass	Response	Amount
1.42	67.00	2813	0.530303
1.41	69.00	884	

Reviewer: boykink, 22-May-2019 06:30:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

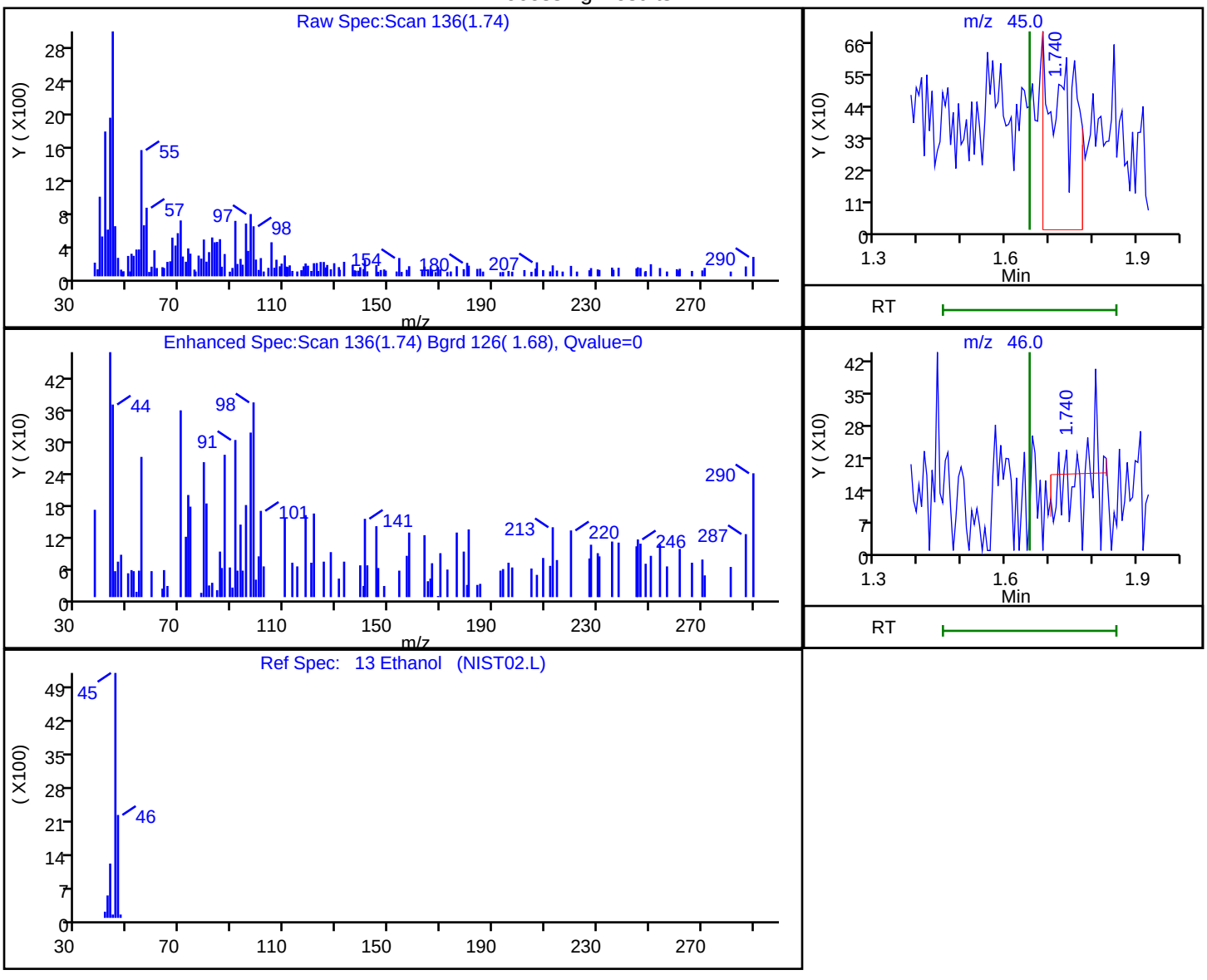
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

13 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.74	45.00	703	51065
1.74	46.00	1827	

Reviewer: boykink, 22-May-2019 06:31:07

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

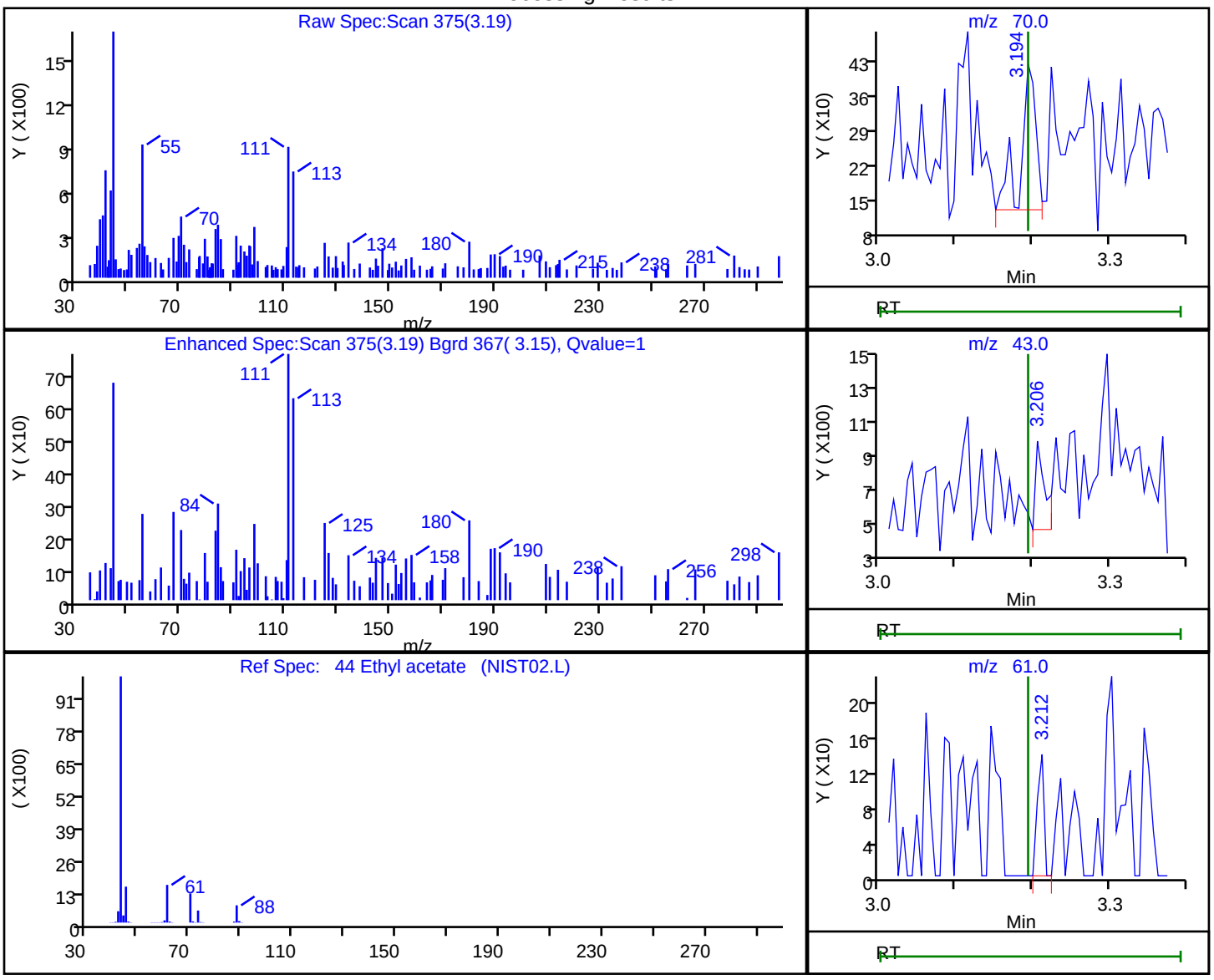
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

44 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.19	70.00	391	2.733451
3.21	43.00	387	
3.21	61.00	82	

Reviewer: boykink, 22-May-2019 06:31:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

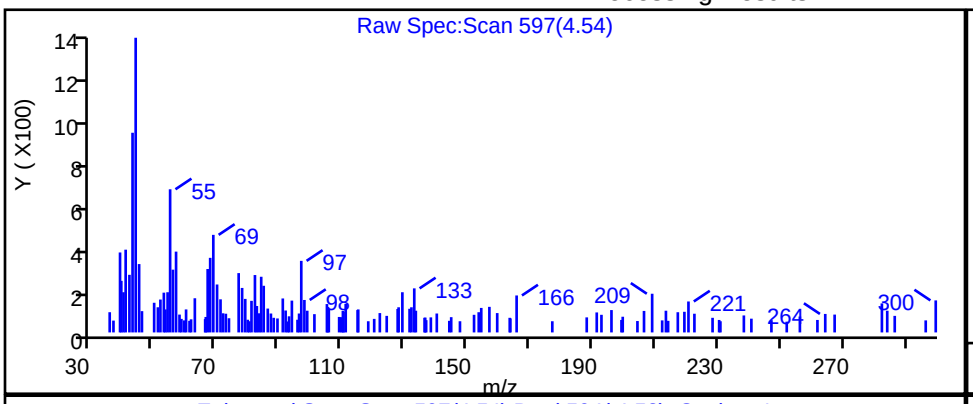
User Disabled Compound Report

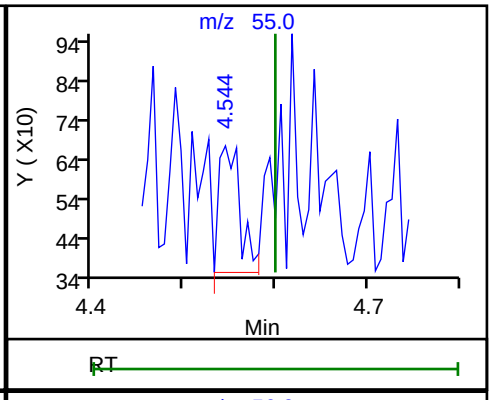
Eurofins TestAmerica, Edison

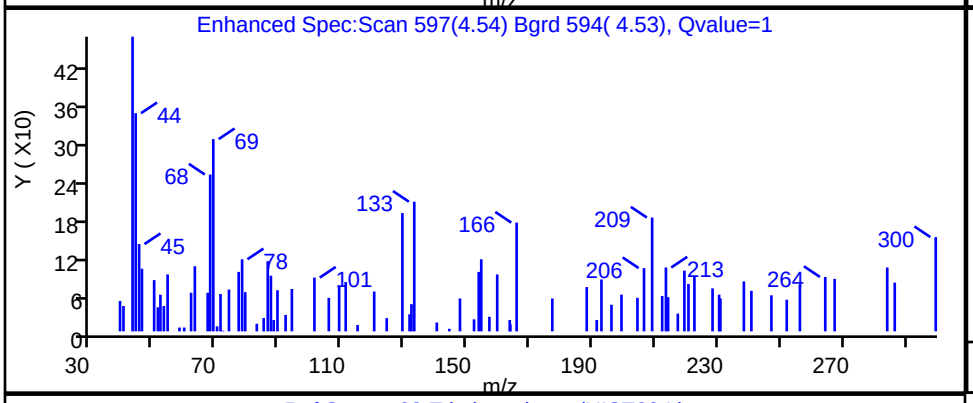
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

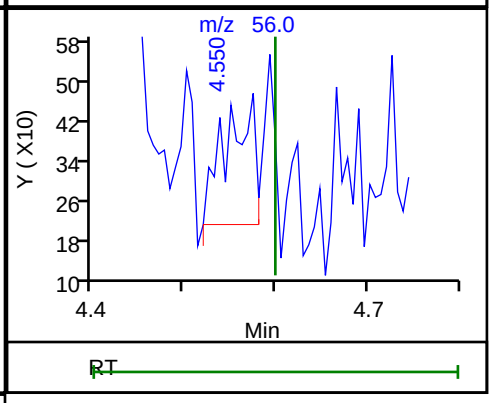
68 Ethyl acrylate, CAS: 140-88-5

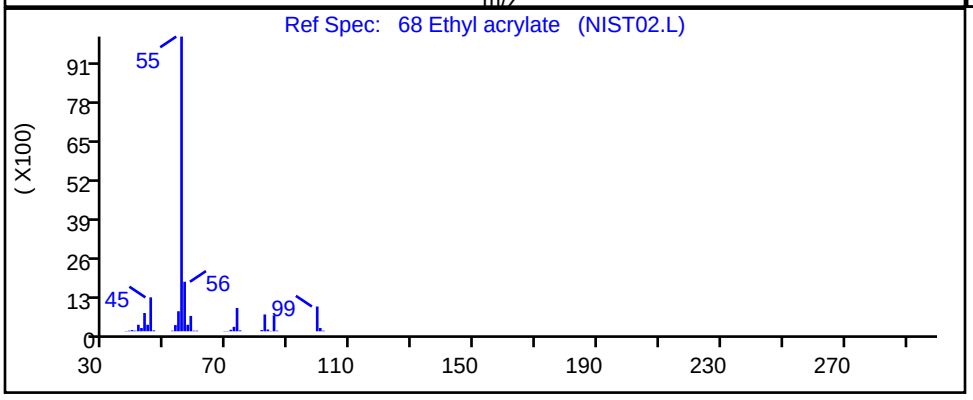
Processing Results











RT	Mass	Response	Amount
4.54	55.00	529	0.327850
4.55	56.00	582	

Reviewer: boykink, 22-May-2019 06:31:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

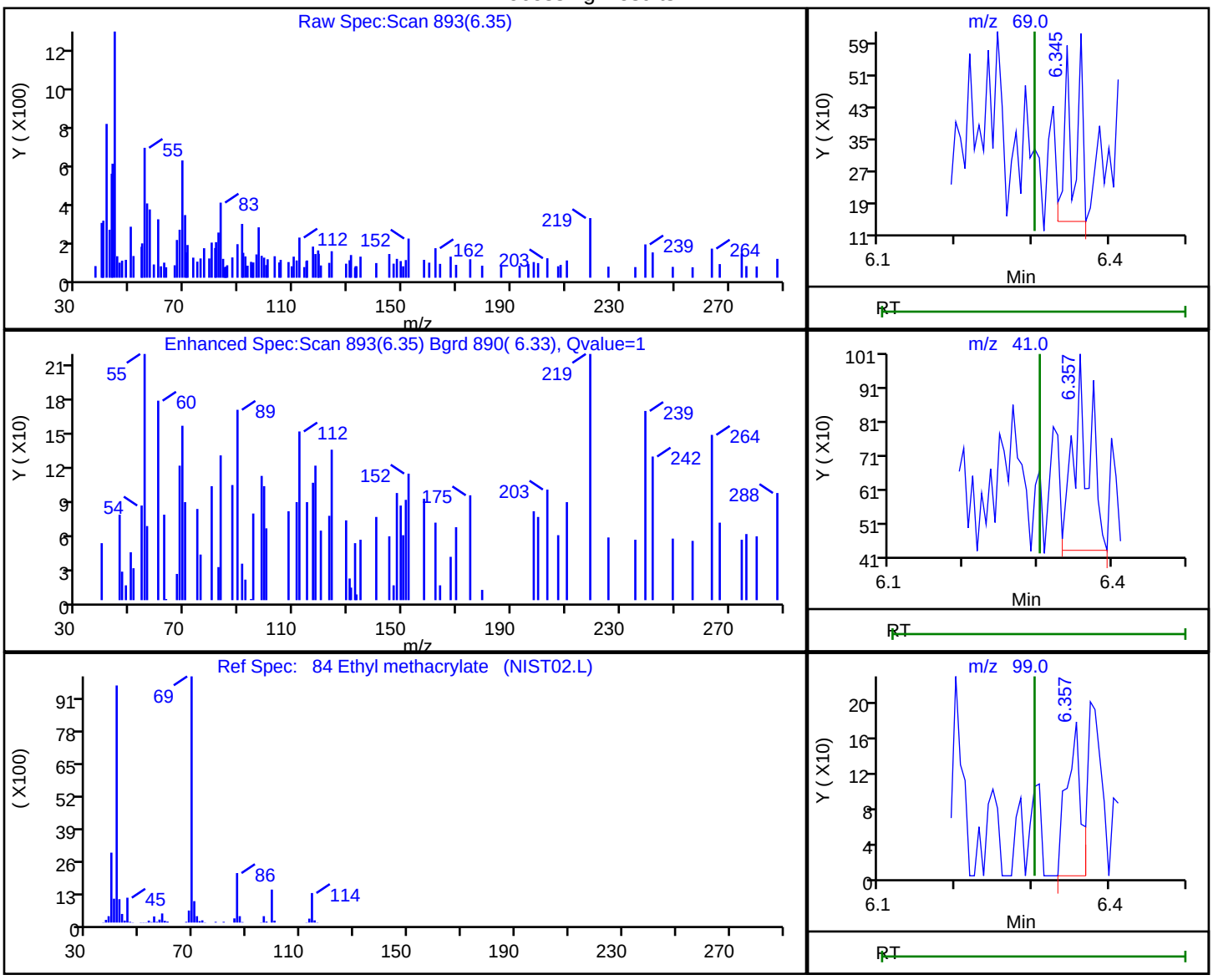
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

84 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
6.35	69.00	439	0.216270
6.36	41.00	869	
6.36	99.00	223	

Reviewer: boykink, 22-May-2019 06:32:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

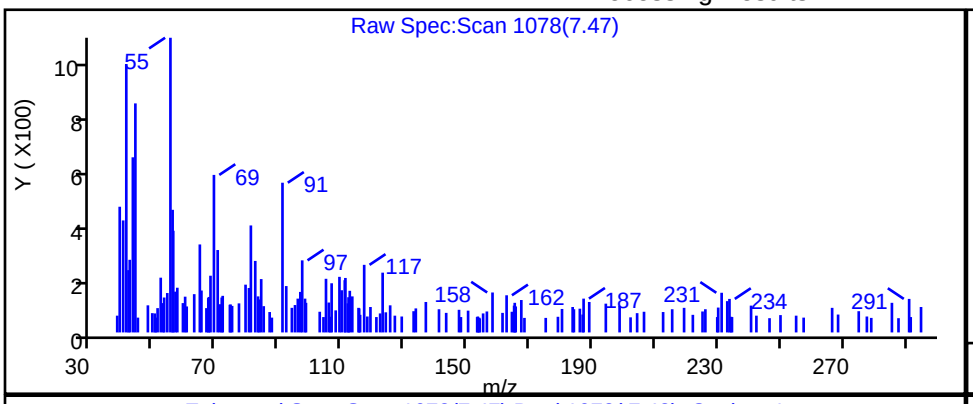
User Disabled Compound Report

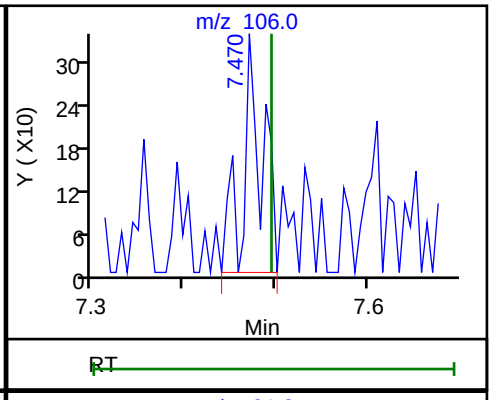
Eurofins TestAmerica, Edison

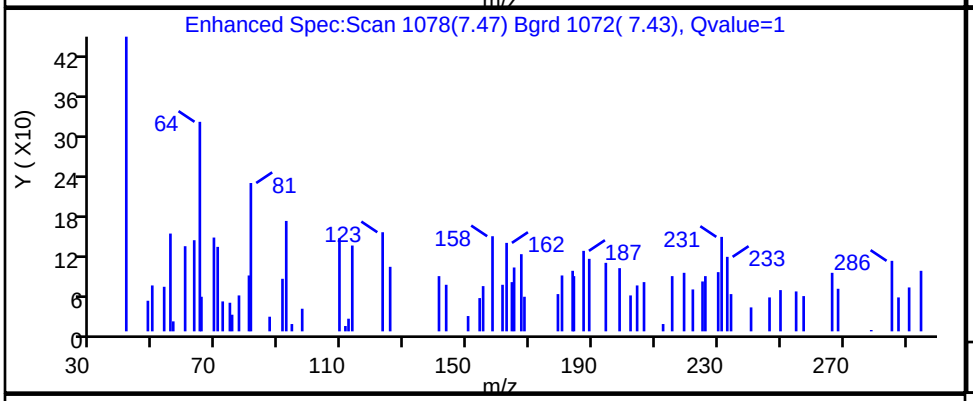
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

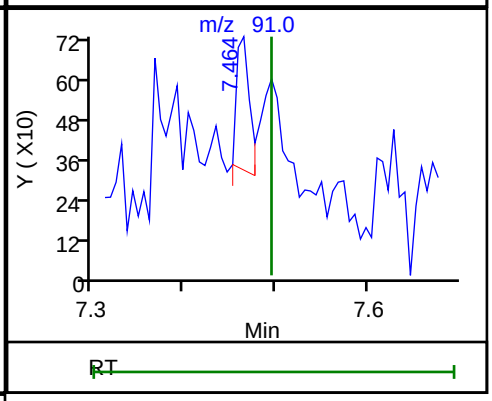
92 Ethylbenzene, CAS: 100-41-4

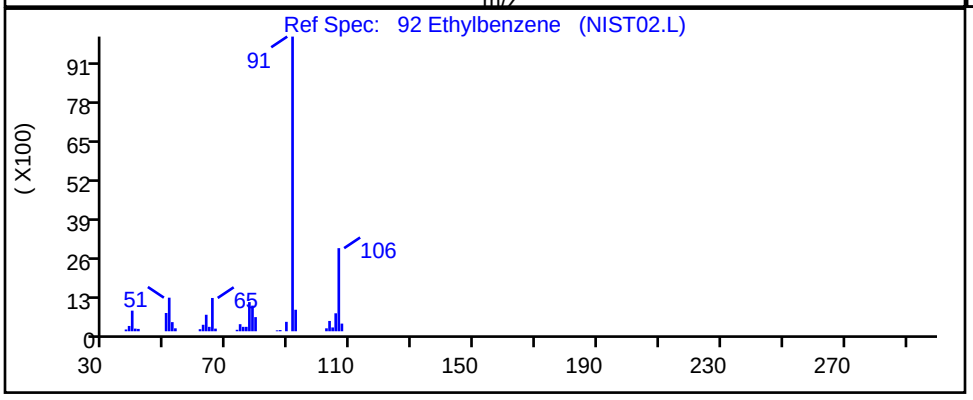
Processing Results











RT	Mass	Response	Amount
7.47	106.00	494	0.115098
7.46	91.00	400	

Reviewer: boykink, 22-May-2019 06:32:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

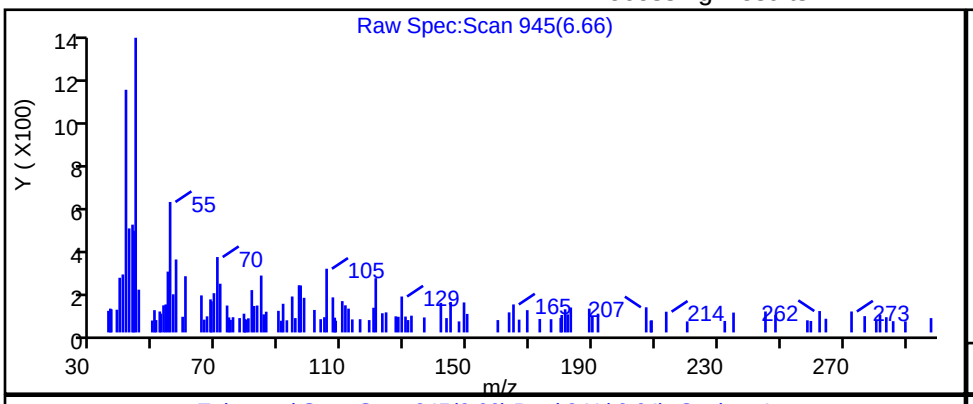
User Disabled Compound Report

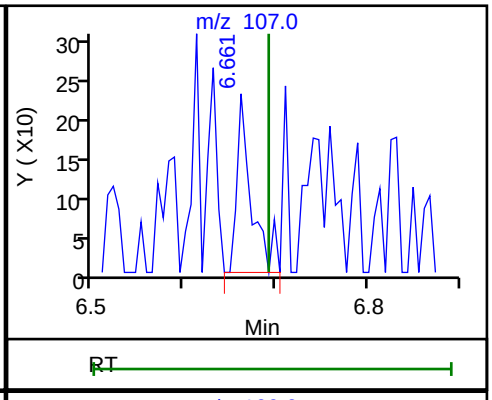
Eurofins TestAmerica, Edison

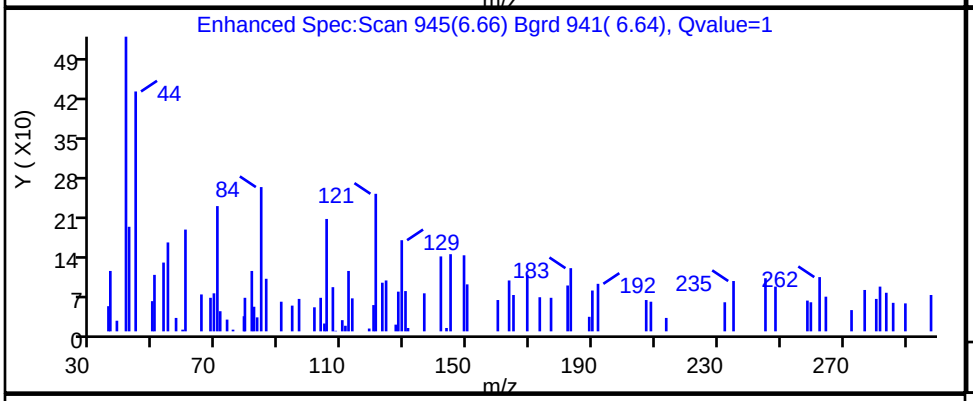
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

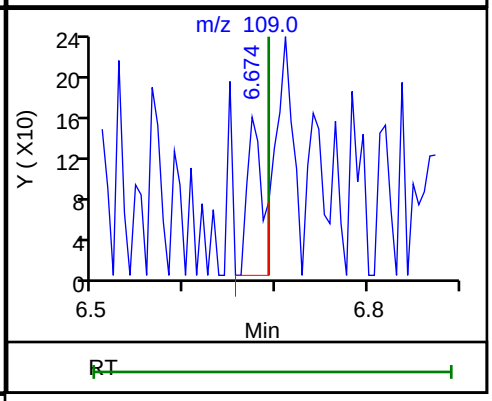
87 Ethylene Dibromide, CAS: 106-93-4

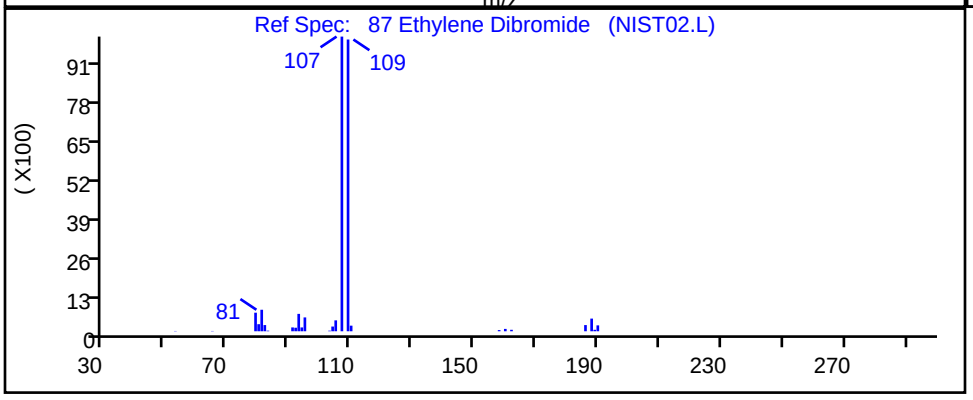
Processing Results











RT	Mass	Response	Amount
6.66	107.00	250	0.171802
6.67	109.00	187	

Reviewer: boykink, 22-May-2019 06:32:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

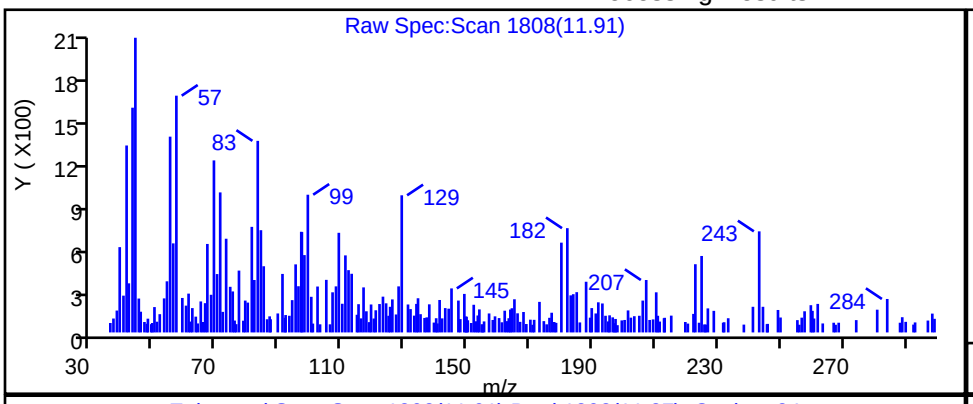
User Disabled Compound Report

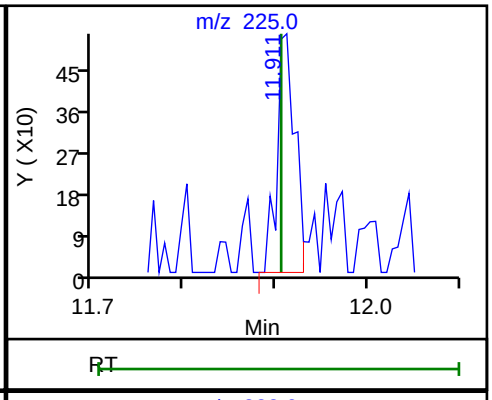
Eurofins TestAmerica, Edison

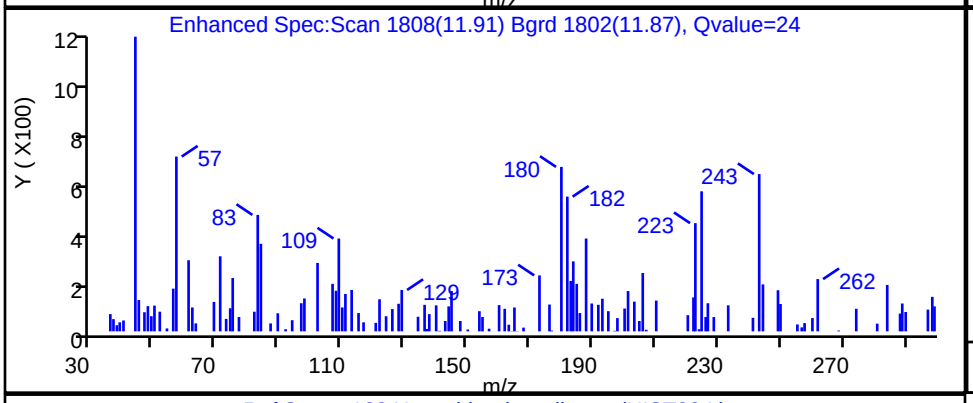
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

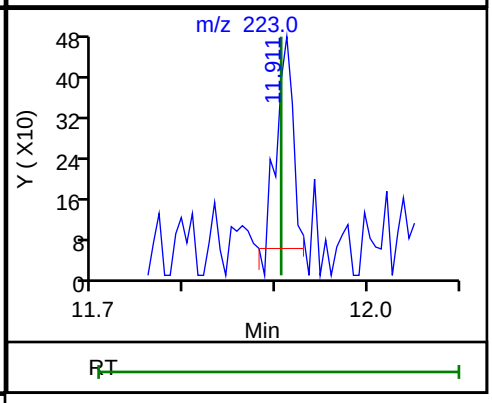
128 Hexachlorobutadiene, CAS: 87-68-3

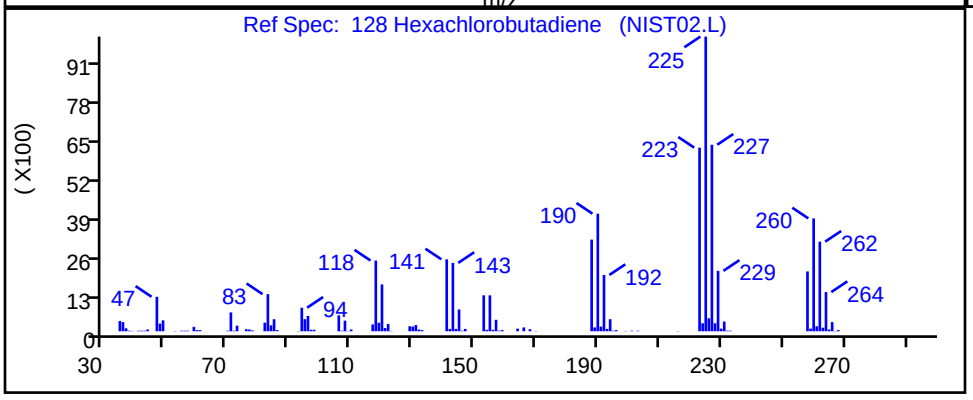
Processing Results











RT	Mass	Response	Amount
11.91	225.00	727	0.336680
11.91	223.00	502	

Reviewer: boykink, 22-May-2019 06:32:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

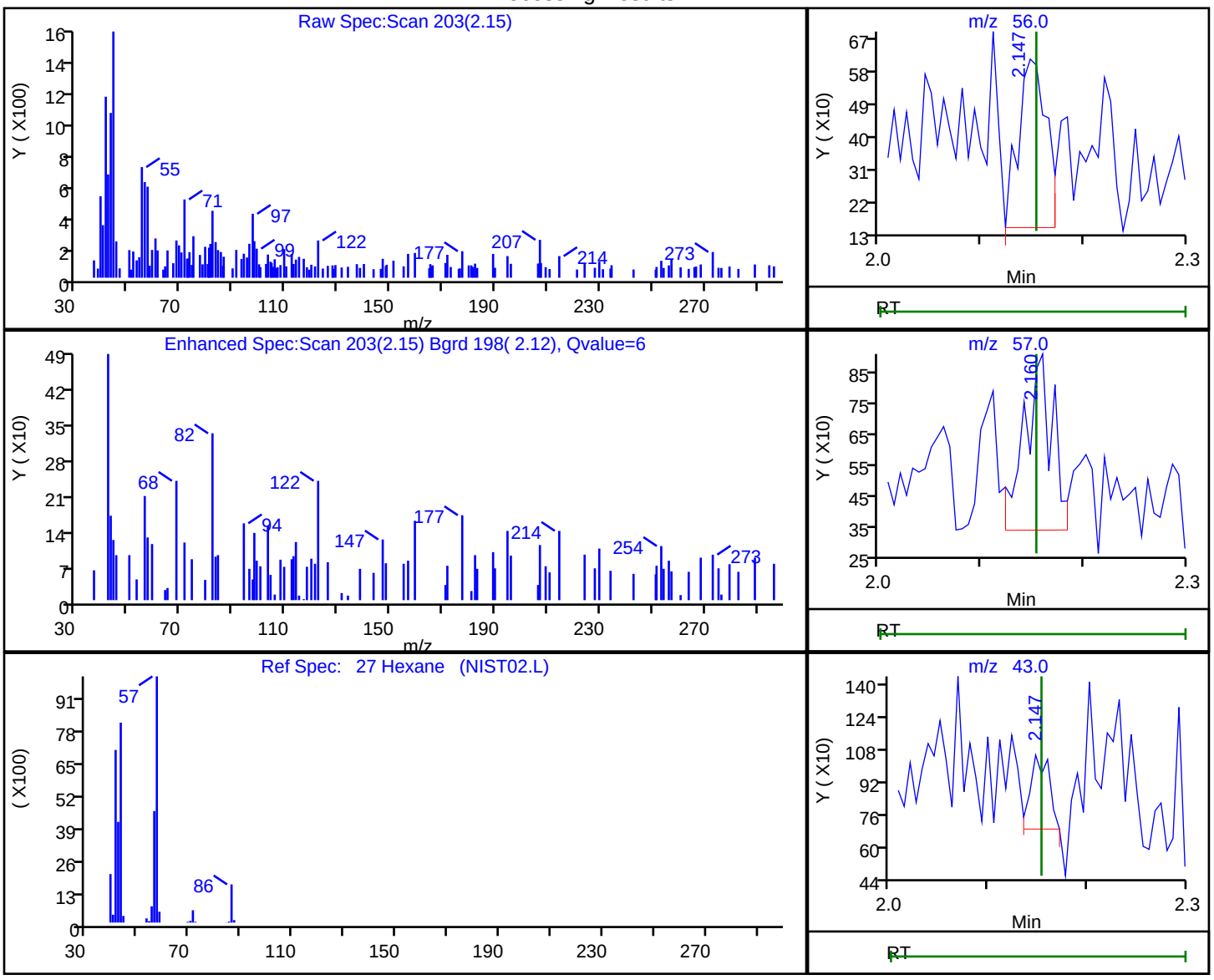
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

27 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.15	56.00	889	0.553744
2.16	57.00	1116	
2.15	43.00	484	
2.15	86.00	498	

Reviewer: boykink, 22-May-2019 06:31:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

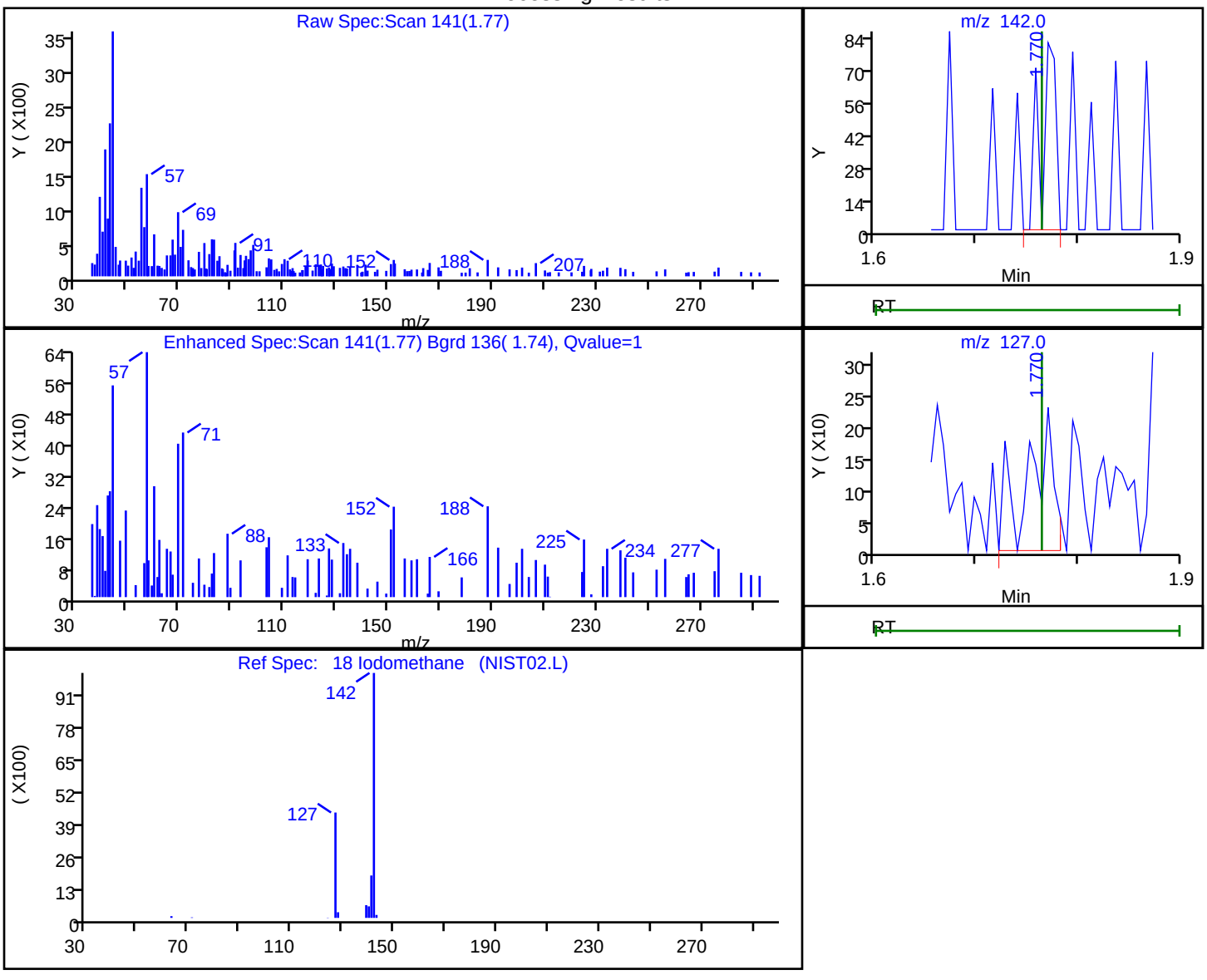
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

18 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
1.77	142.00	83	0.019717
1.77	127.00	400	

Reviewer: boykink, 22-May-2019 06:30:57

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

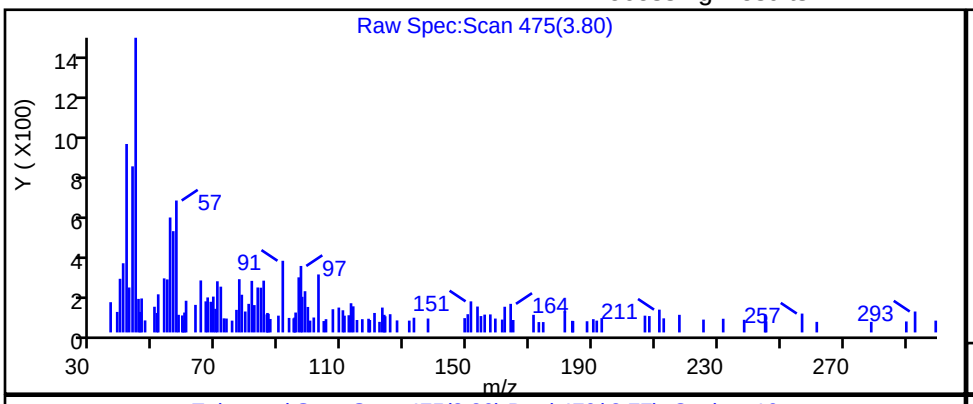
User Disabled Compound Report

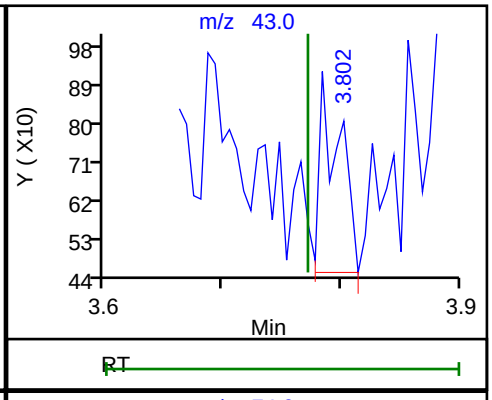
Eurofins TestAmerica, Edison

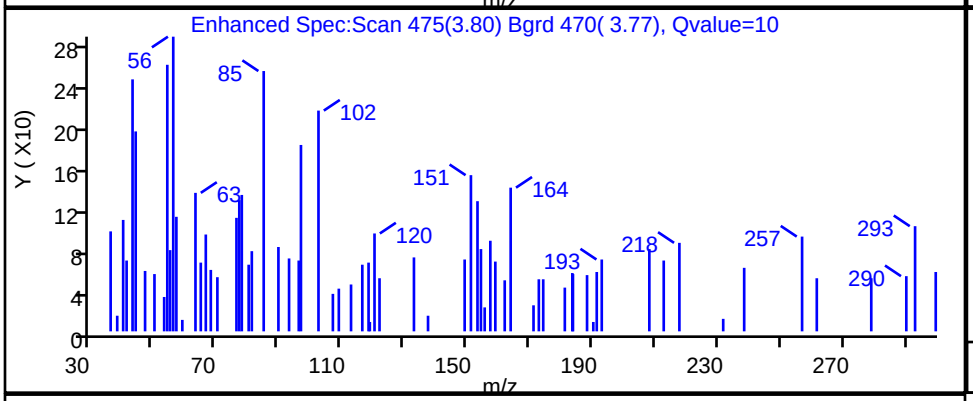
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

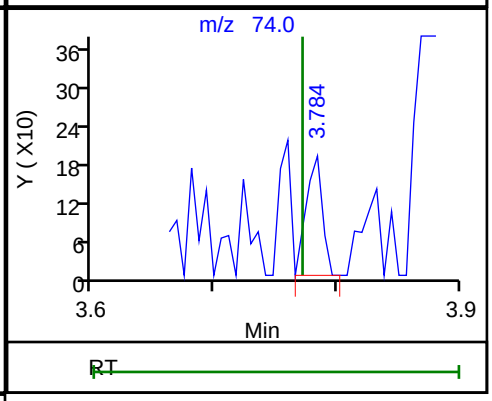
60 Isobutyl alcohol, CAS: 78-83-1

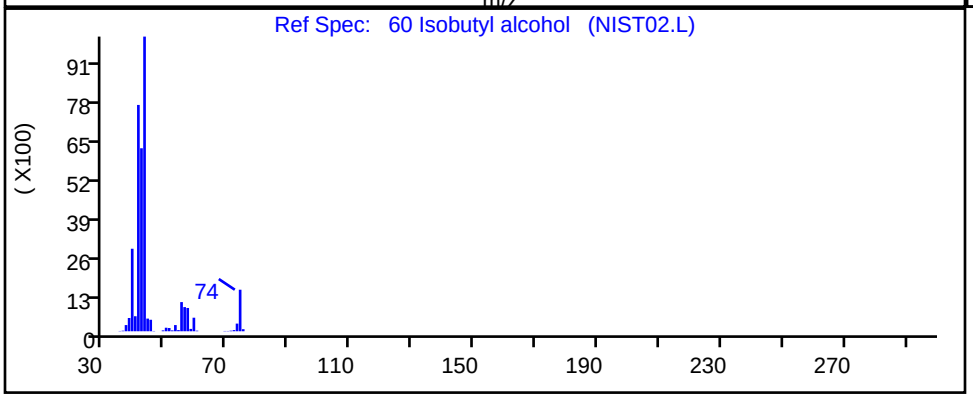
Processing Results











RT	Mass	Response	Amount
3.80	43.00	566	6902.7177
3.78	74.00	175	

Reviewer: boykink, 22-May-2019 06:31:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

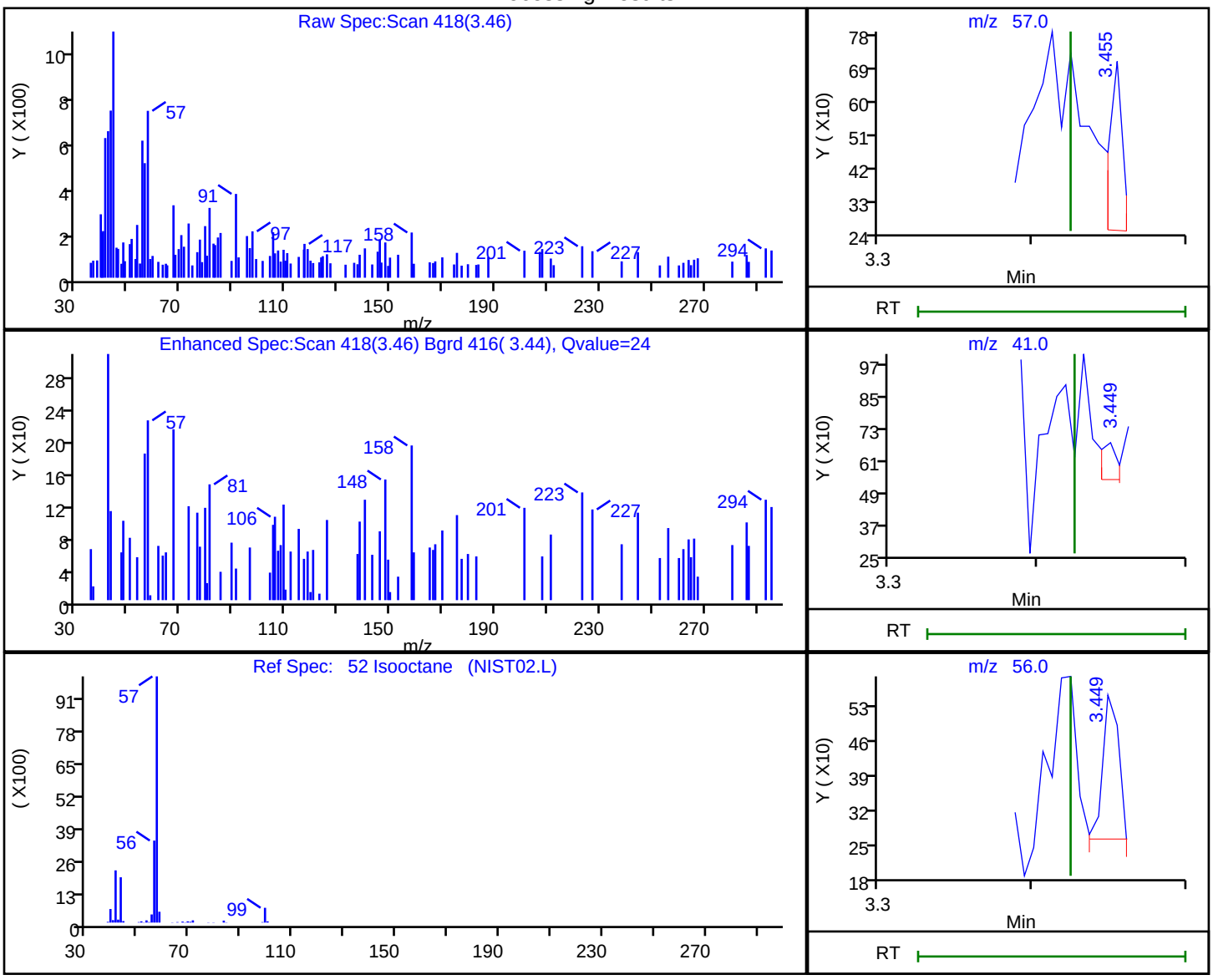
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

52 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.46	57.00	279	0.052293
3.45	41.00	112	
3.45	56.00	207	

Reviewer: boykink, 22-May-2019 06:31:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

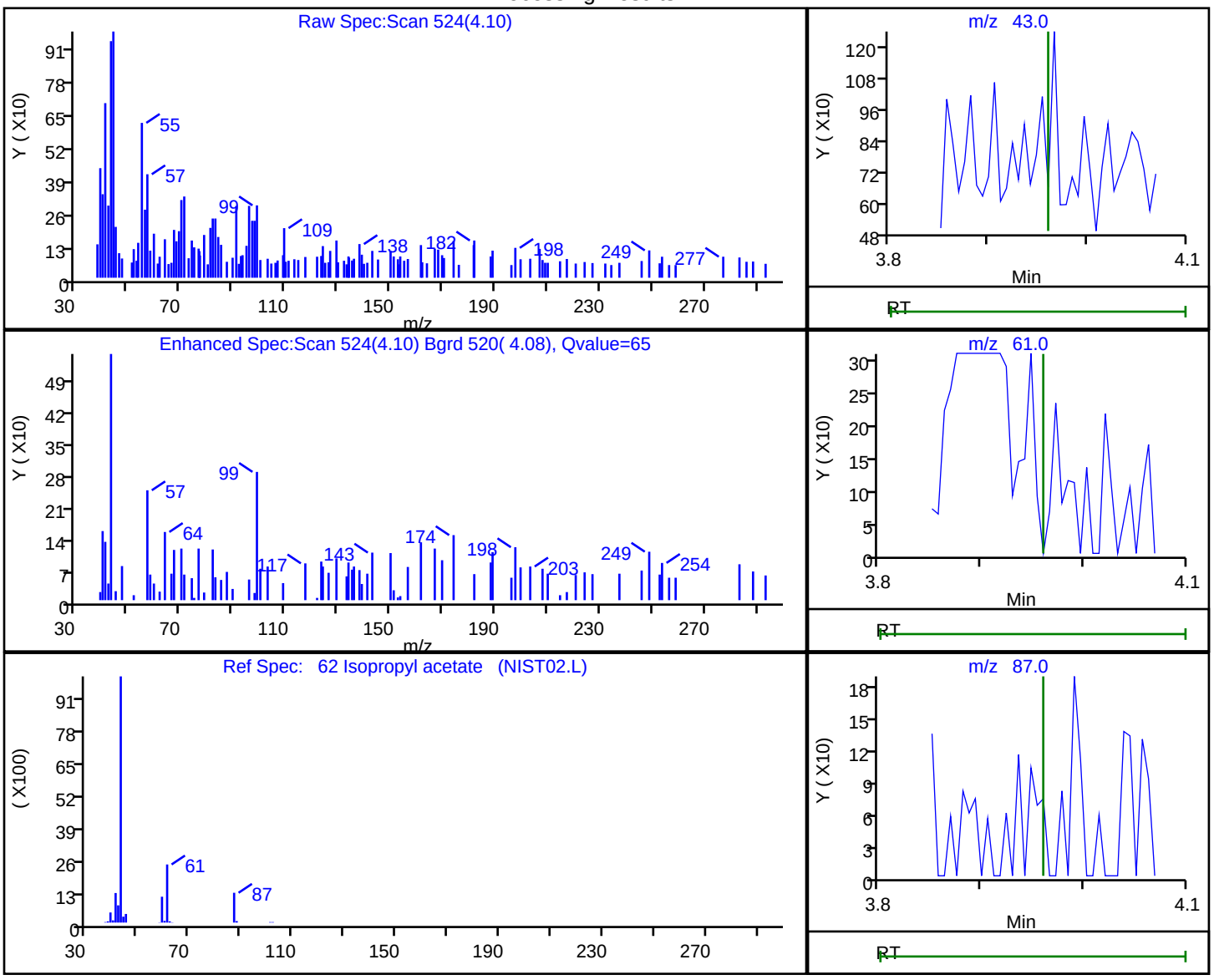
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

62 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
4.10	43.00	817	0.366978
4.11	61.00	105	
4.09	87.00	123	

Reviewer: boykink, 22-May-2019 06:31:46

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

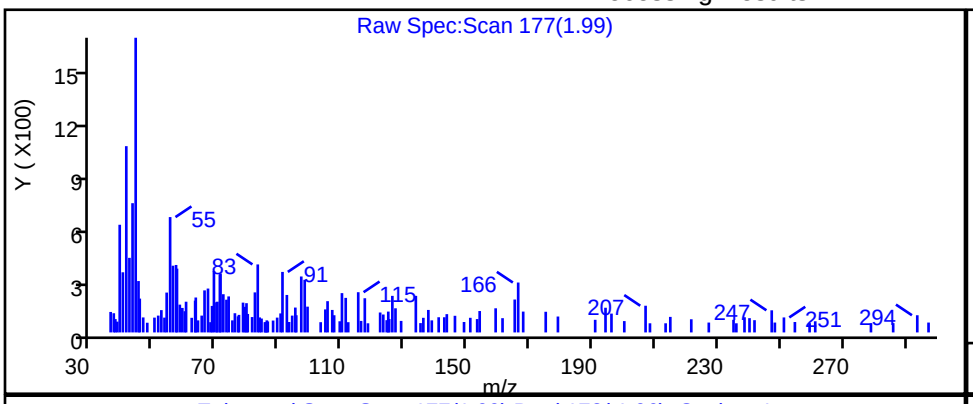
User Disabled Compound Report

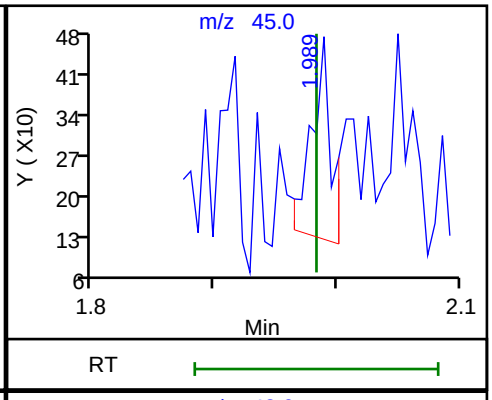
Eurofins TestAmerica, Edison

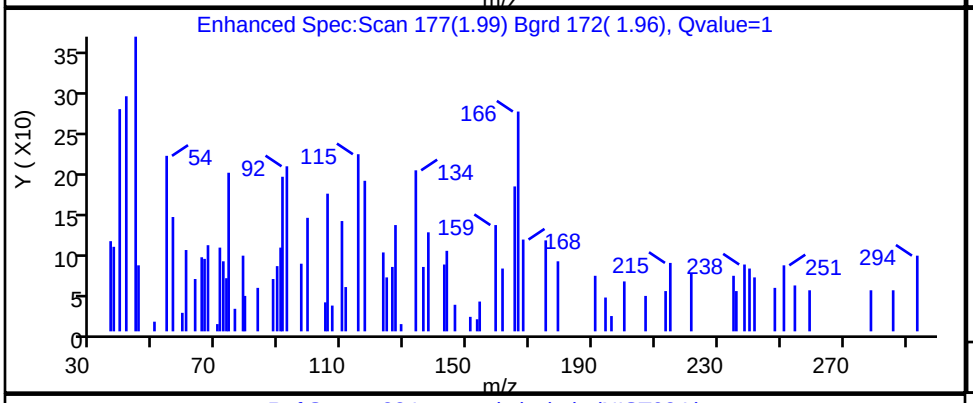
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

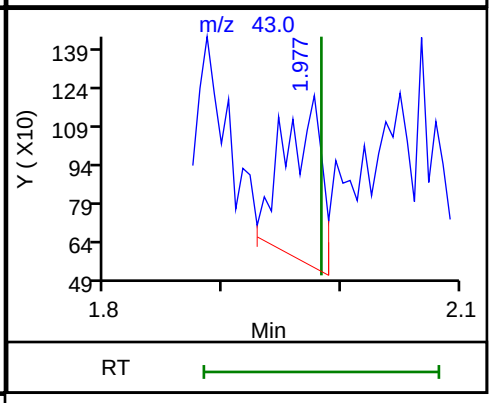
22 Isopropyl alcohol, CAS: 67-63-0

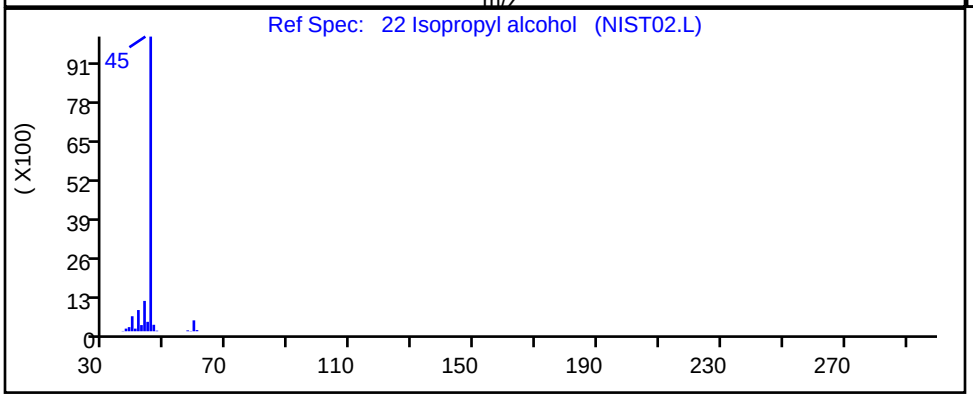
Processing Results











RT	Mass	Response	Amount
1.99	45.00	381	3703.2107
1.98	43.00	1456	

Reviewer: boykink, 22-May-2019 06:31:01

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

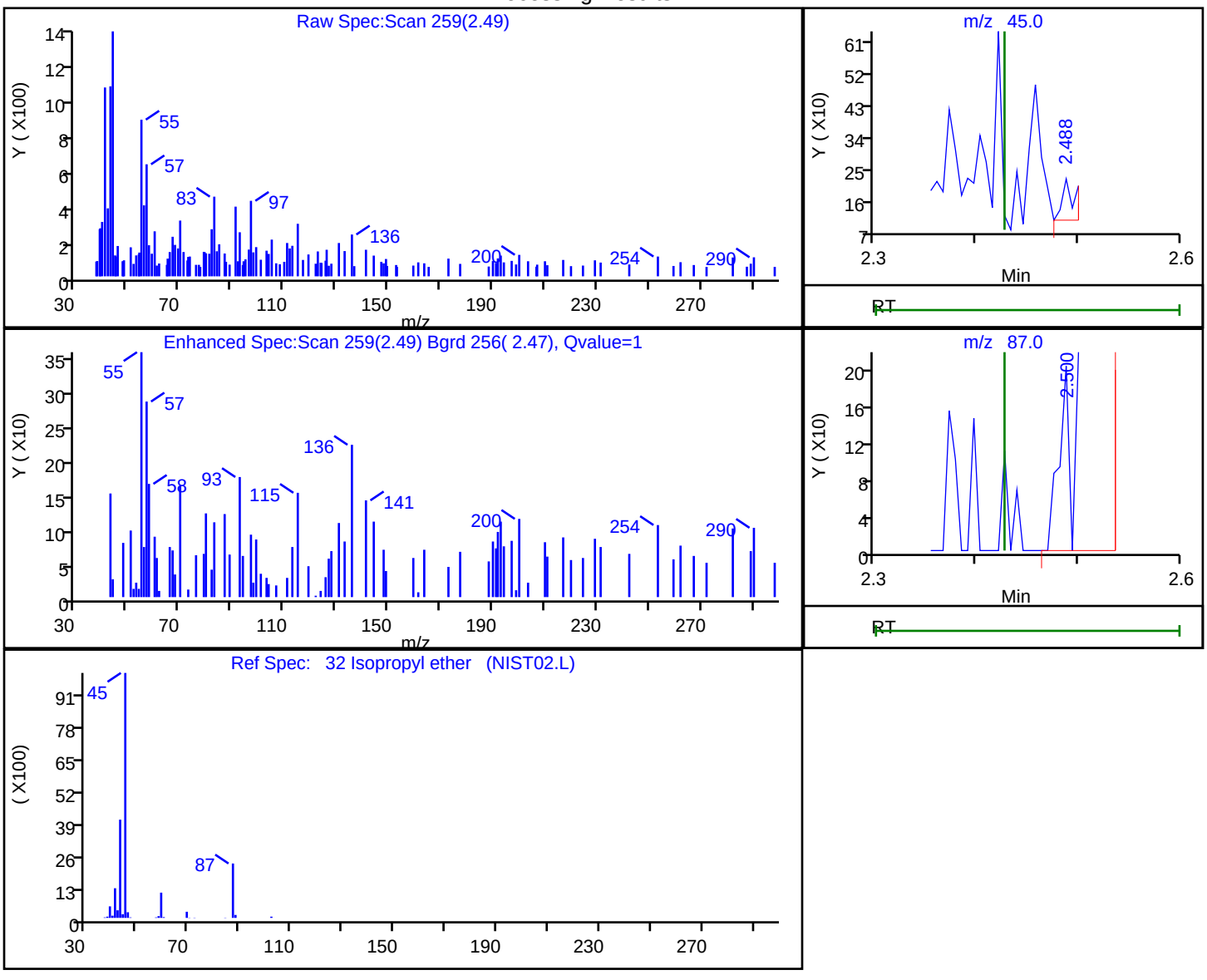
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
2.49	45.00	101	0.013596
2.50	87.00	411	

Reviewer: boykink, 22-May-2019 06:31:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

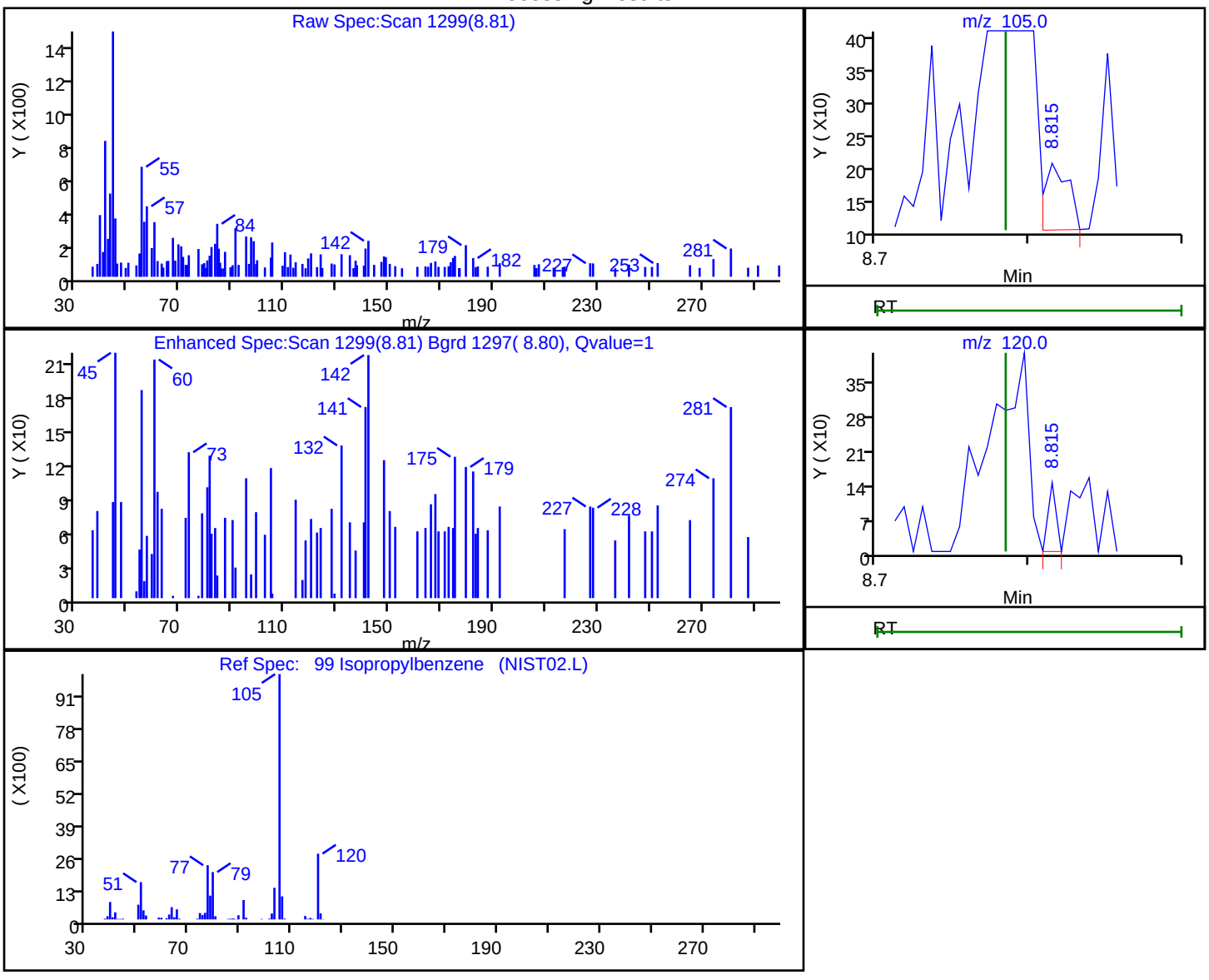
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

99 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
8.81	105.00	113	0.007793
8.81	120.00	51	

Reviewer: boykink, 22-May-2019 06:32:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

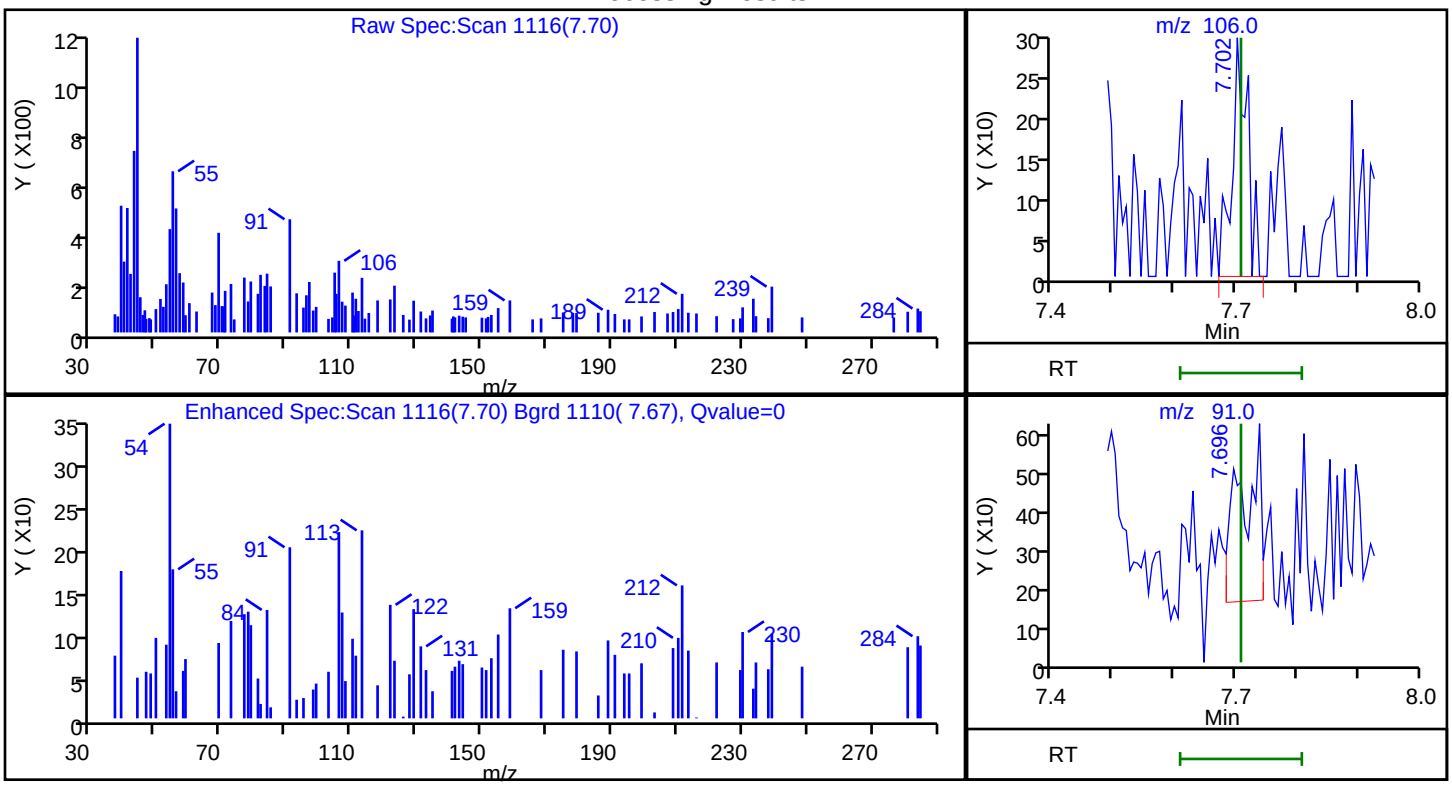
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
7.70	106.00	518	0.098022
7.70	91.00	1024	

Reviewer: boykink, 22-May-2019 06:32:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

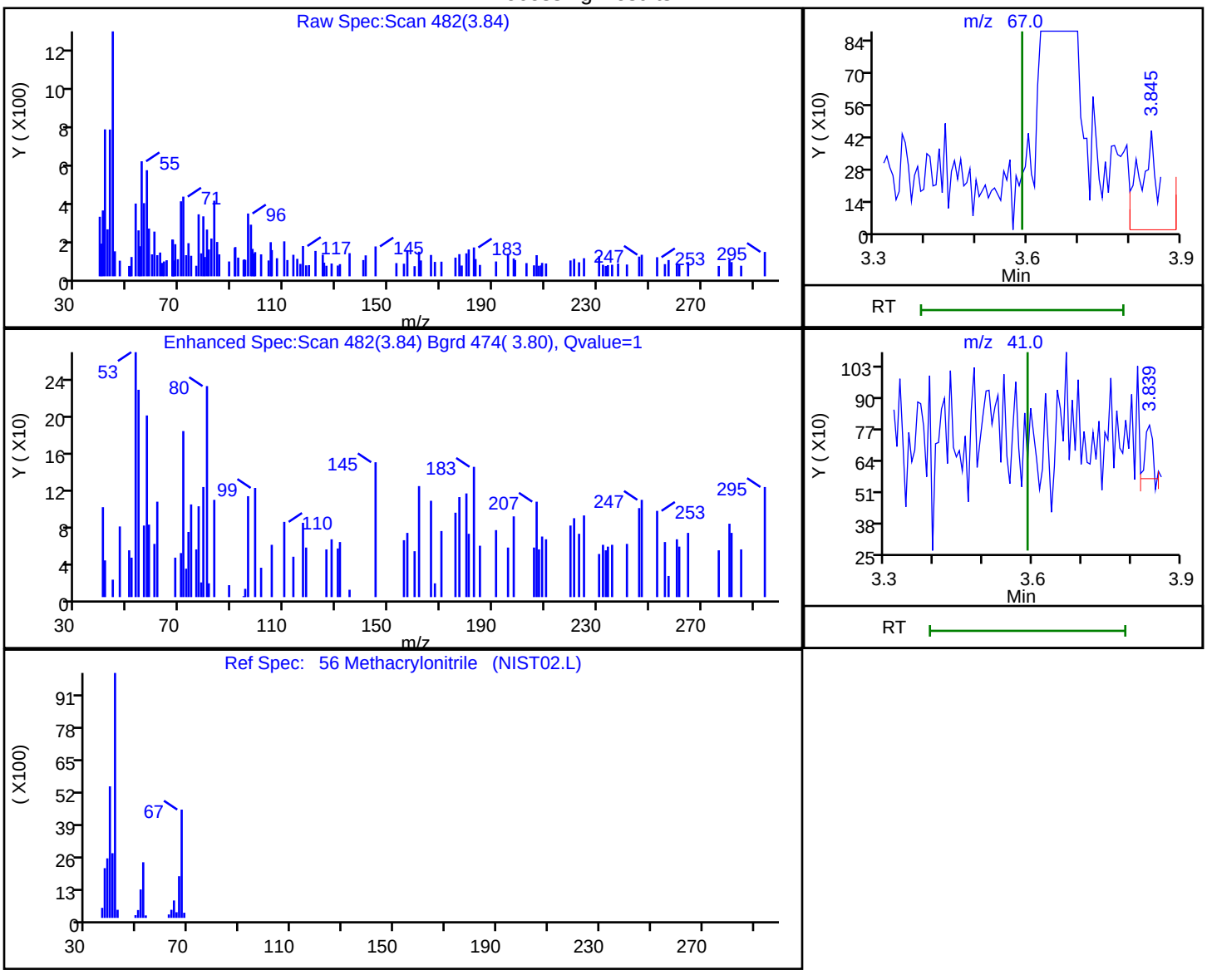
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

56 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.84	67.00	1279	3.020435
3.84	41.00	228	

Reviewer: boykink, 22-May-2019 06:31:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

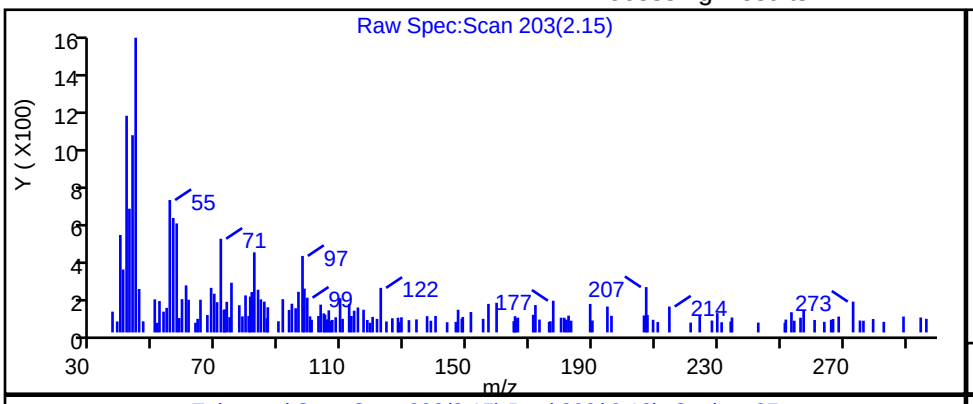
User Disabled Compound Report

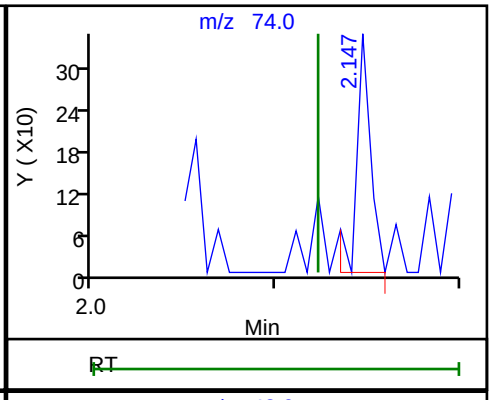
Eurofins TestAmerica, Edison

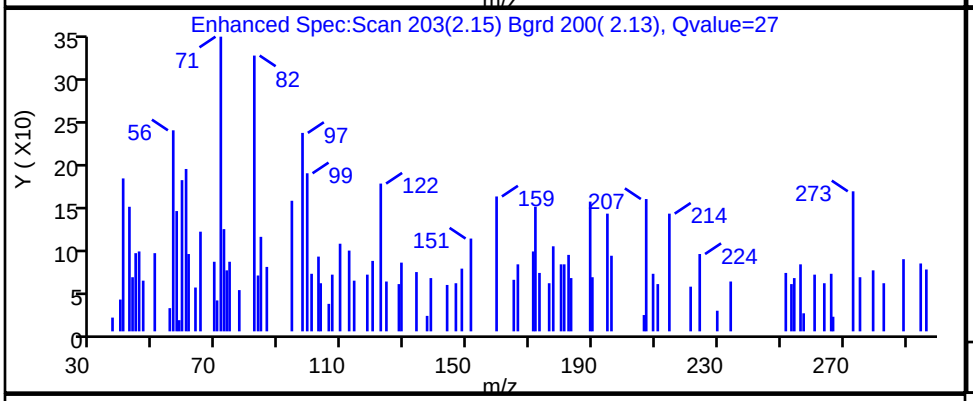
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

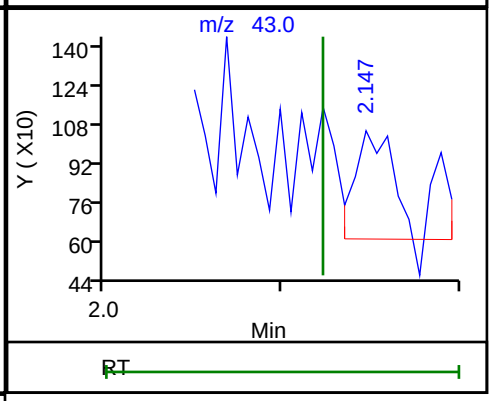
26 Methyl acetate, CAS: 79-20-9

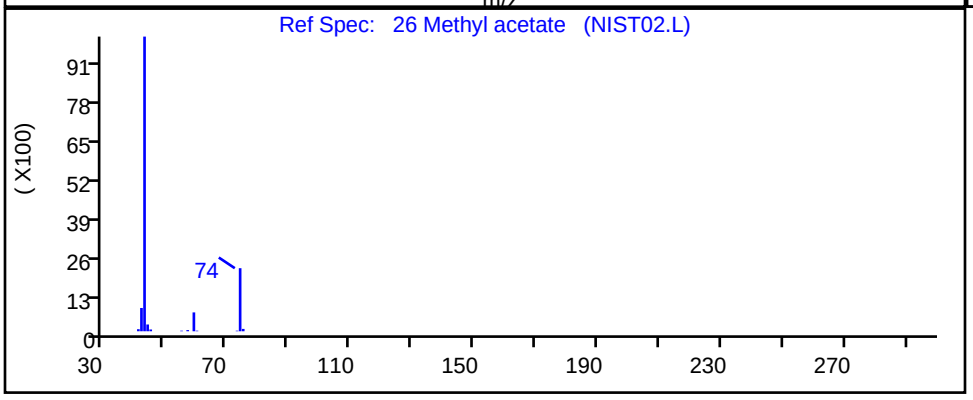
Processing Results











RT	Mass	Response	Amount
2.15	74.00	187	560.4775
2.15	43.00	915	

Reviewer: boykink, 22-May-2019 06:31:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

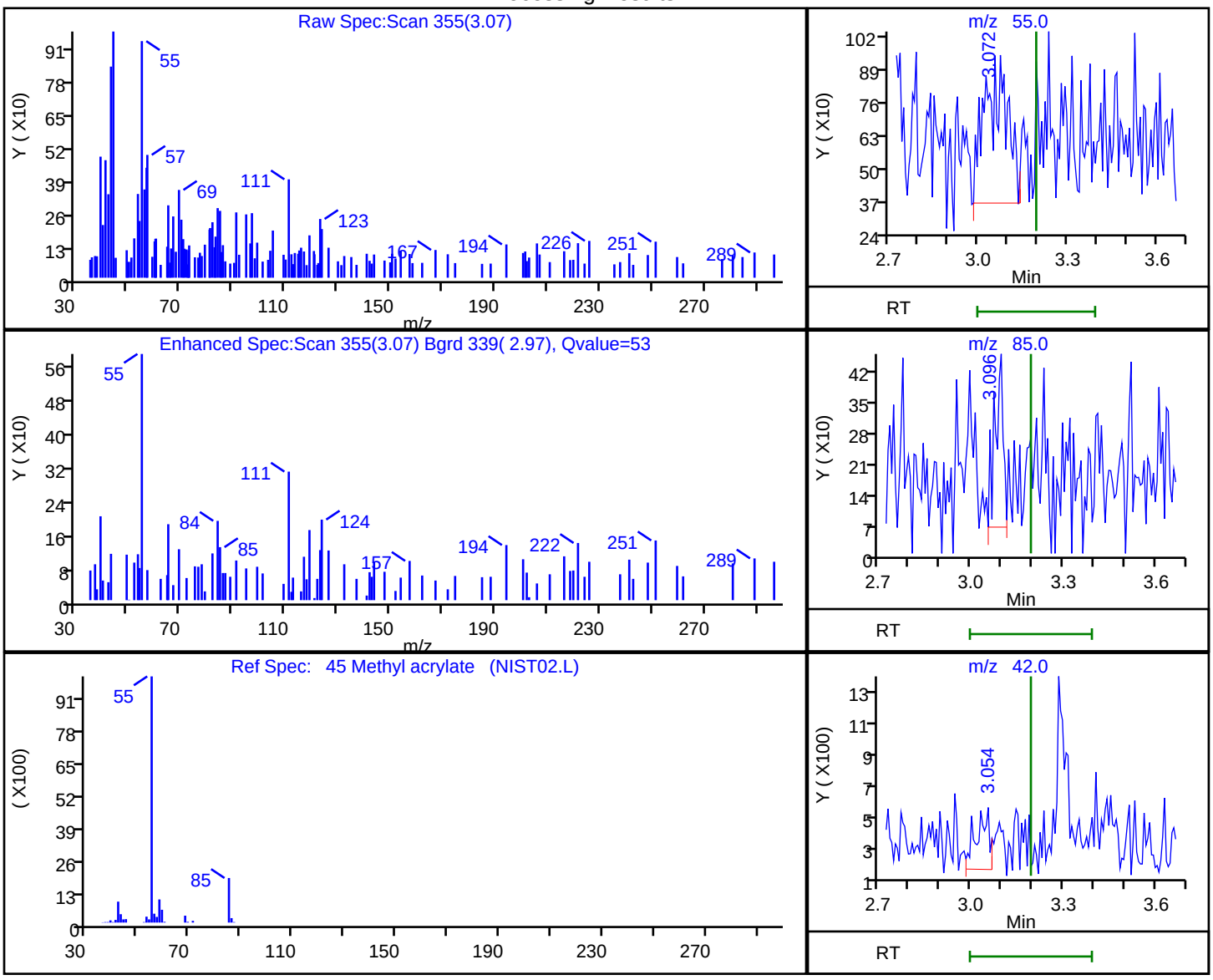
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.07	55.00	3103	3.405341
3.10	85.00	743	
3.05	42.00	1069	

Reviewer: boykink, 22-May-2019 06:31:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

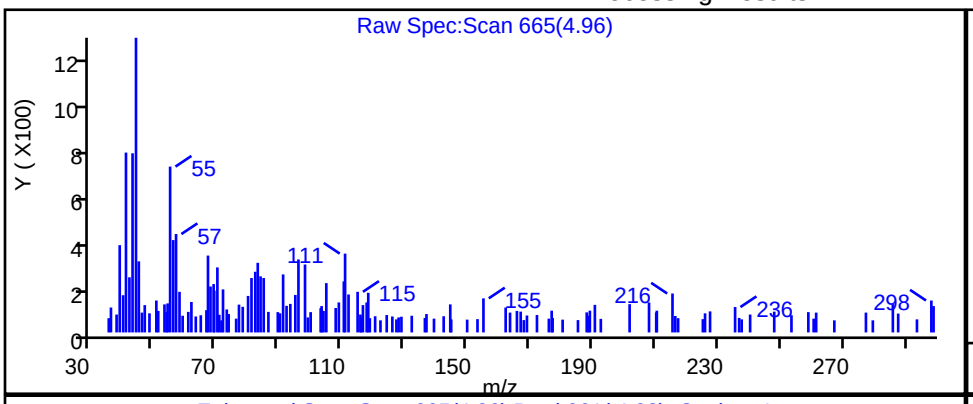
User Disabled Compound Report

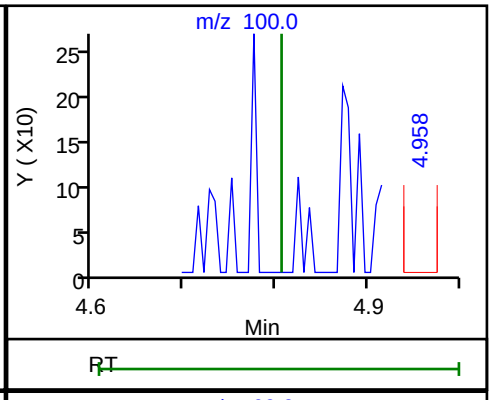
Eurofins TestAmerica, Edison

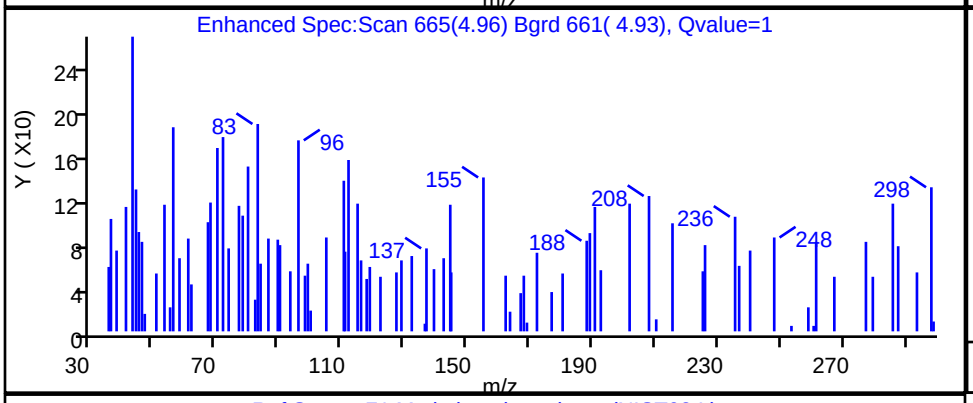
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

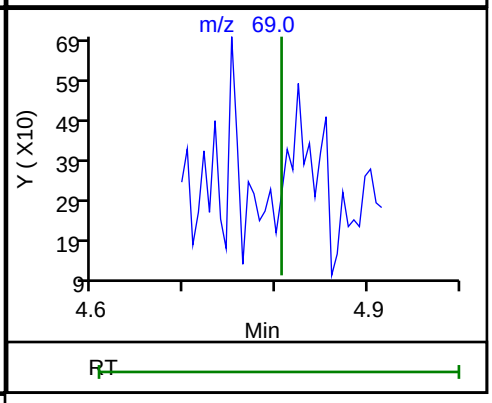
71 Methyl methacrylate, CAS: 80-62-6

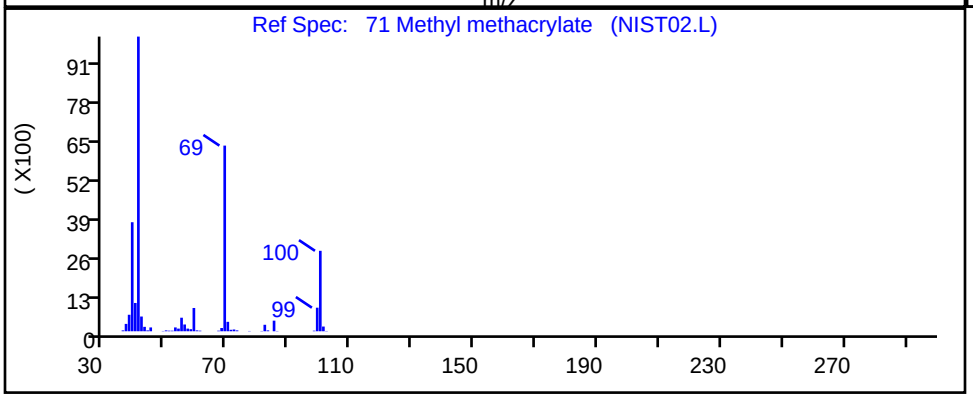
Processing Results











RT	Mass	Response	Amount
4.96	100.00	63	0.156061
4.96	69.00	928	

Reviewer: boykink, 22-May-2019 06:31:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

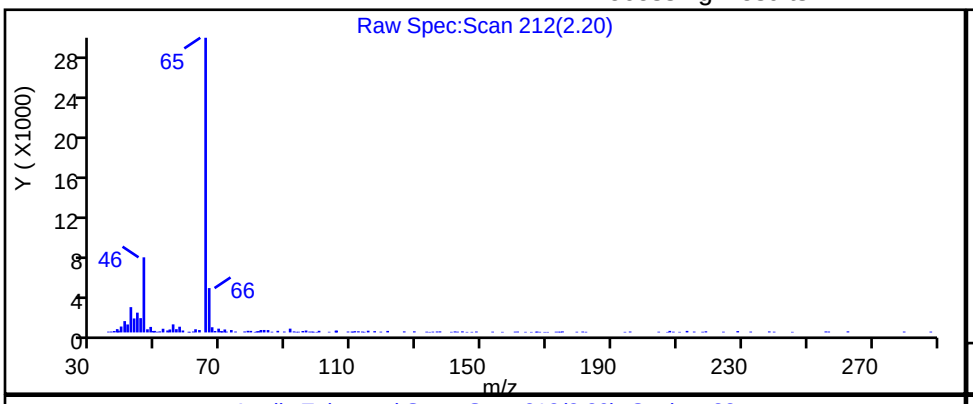
User Disabled Compound Report

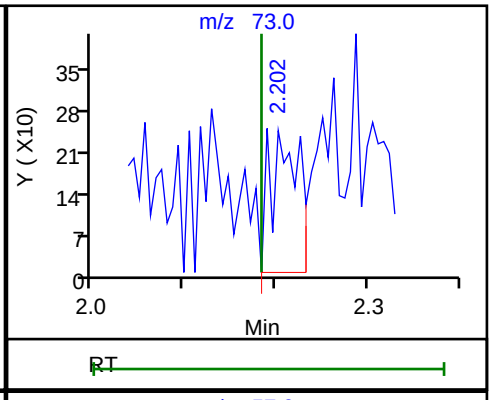
Eurofins TestAmerica, Edison

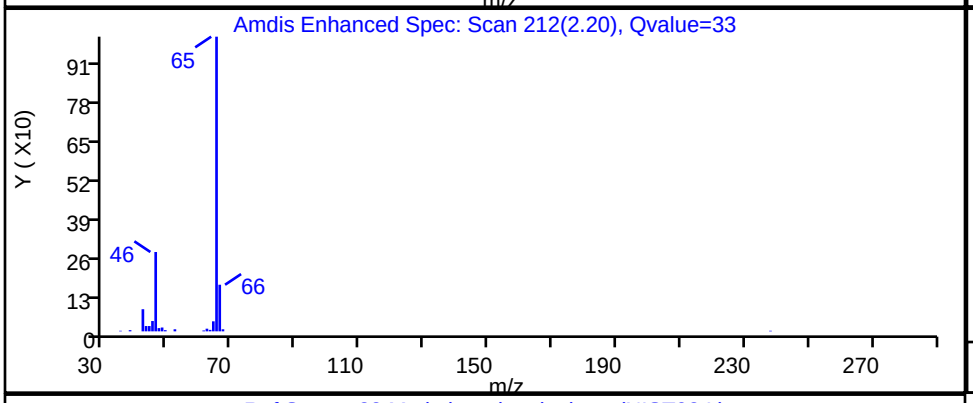
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

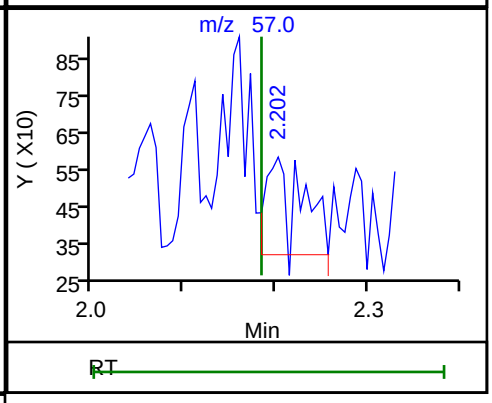
28 Methyl tert-butyl ether, CAS: 1634-04-4

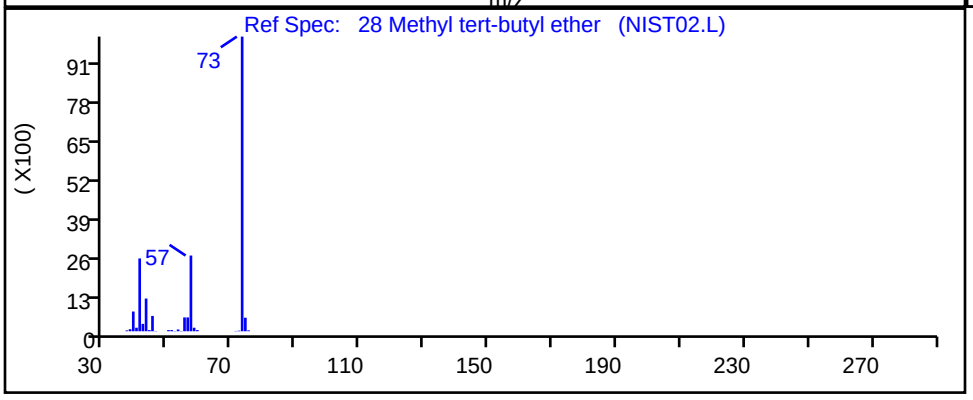
Processing Results











RT	Mass	Response	Amount
2.20	73.00	518	0.105368
2.20	57.00	718	

Reviewer: boykink, 22-May-2019 06:31:13

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

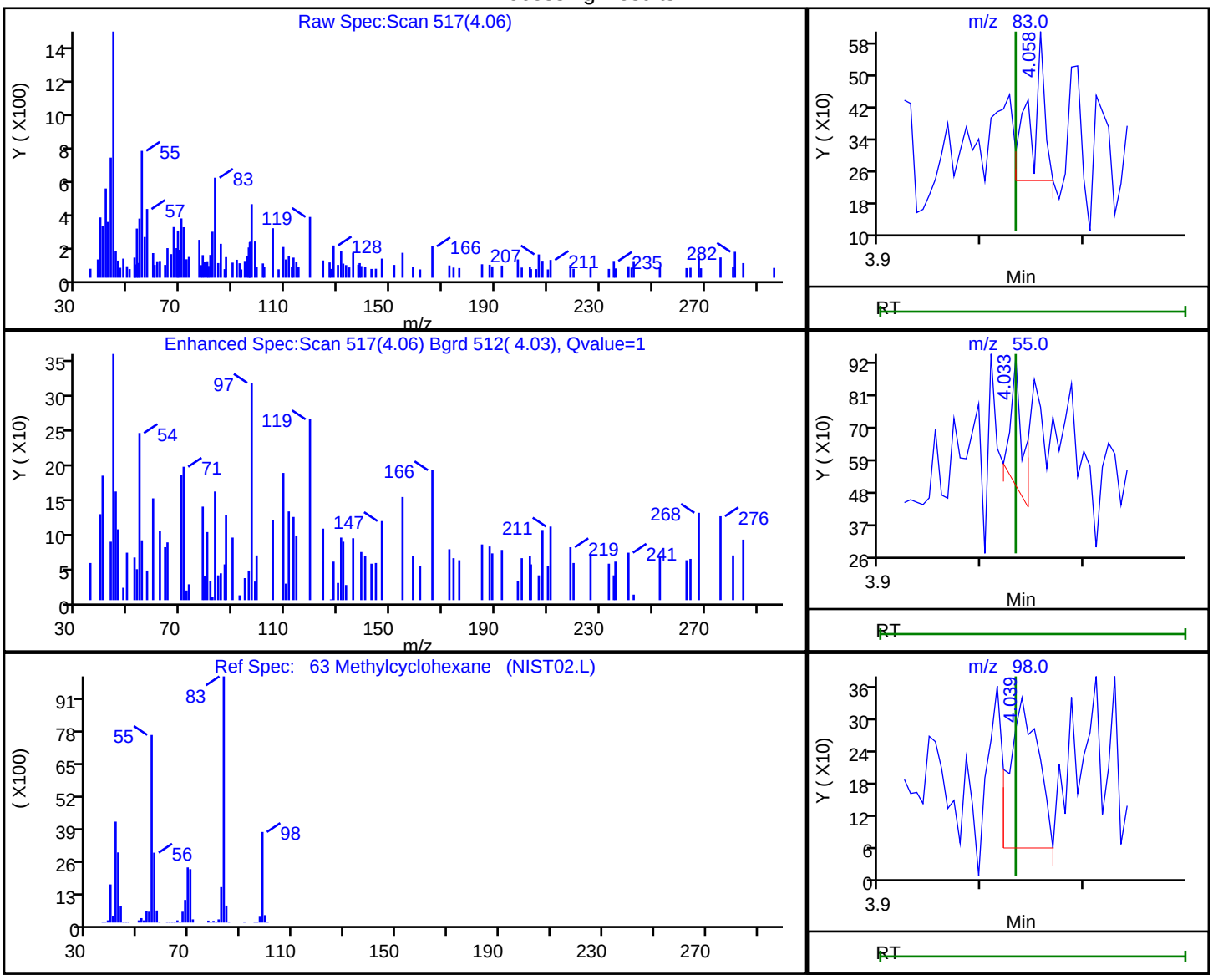
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

63 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
4.06	83.00	341	0.079500
4.03	55.00	345	
4.04	98.00	542	

Reviewer: boykink, 22-May-2019 06:31:46

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

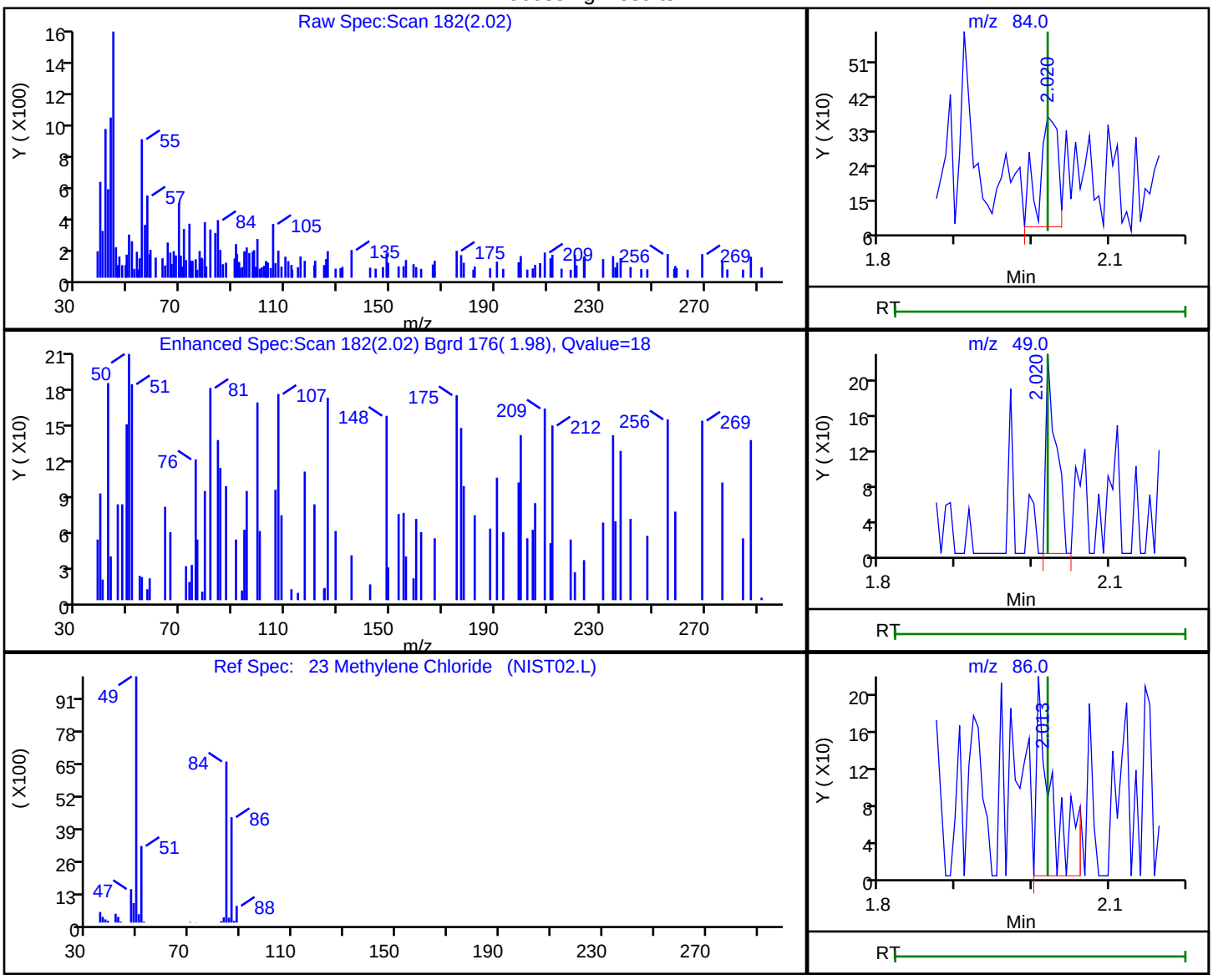
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.02	84.00	489	0.217957
2.02	49.00	207	
2.01	86.00	308	

Reviewer: boykink, 22-May-2019 06:31:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

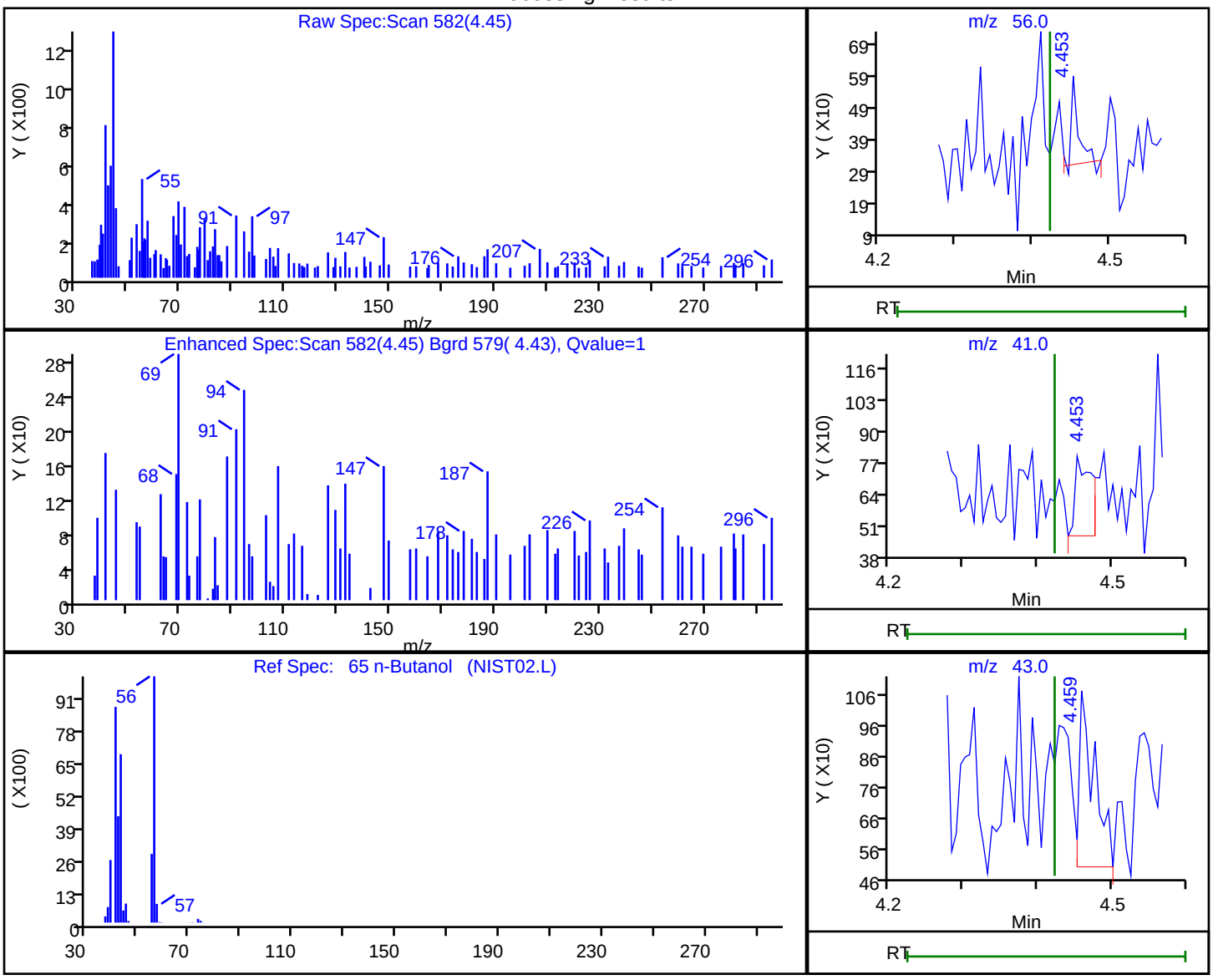
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

65 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.45	56.00	168	3028.6018
4.45	41.00	510	
4.46	43.00	812	

Reviewer: boykink, 22-May-2019 06:31:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

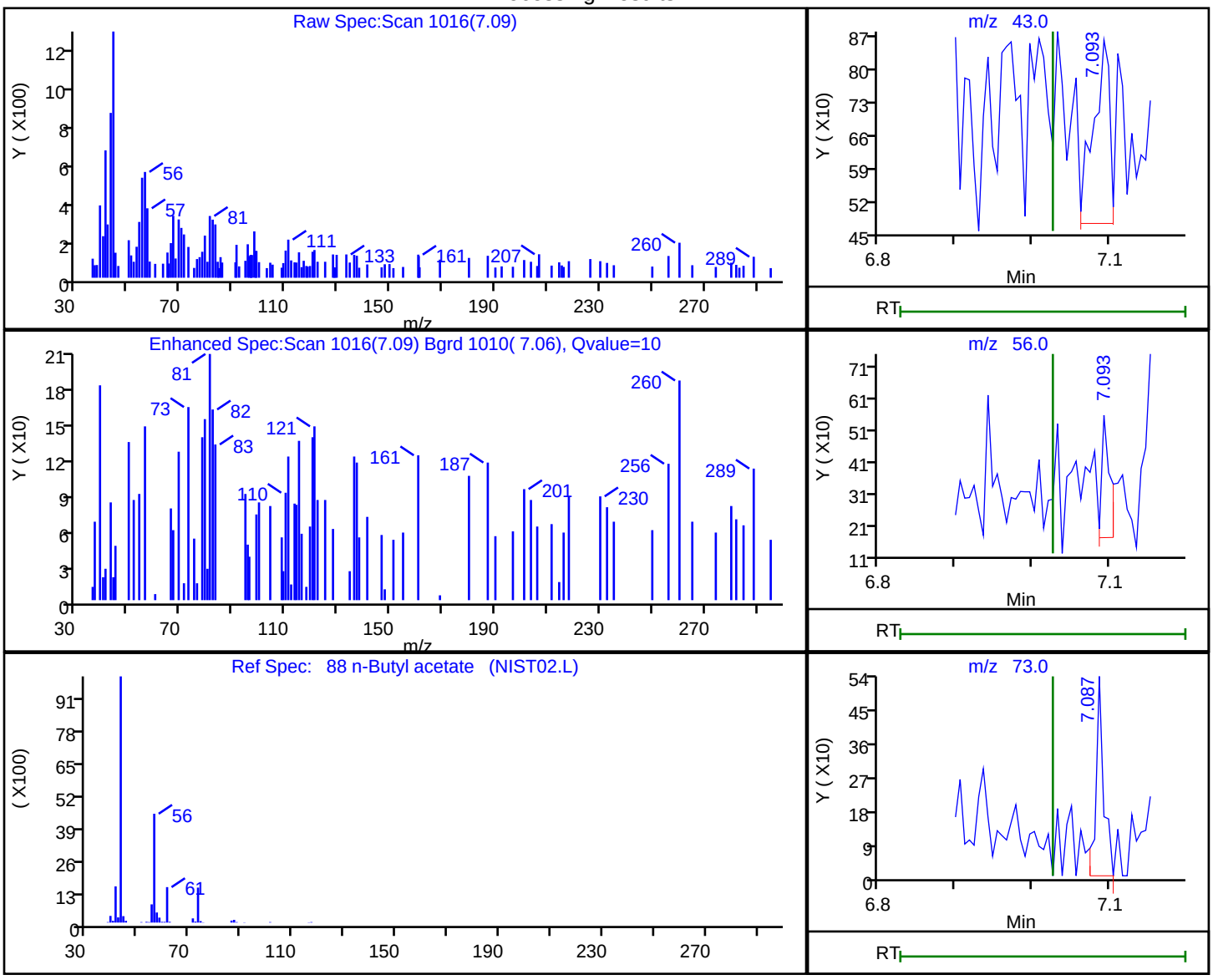
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

88 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.09	43.00	575	0.130173
7.09	56.00	286	
7.09	73.00	375	

Reviewer: boykink, 22-May-2019 06:32:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

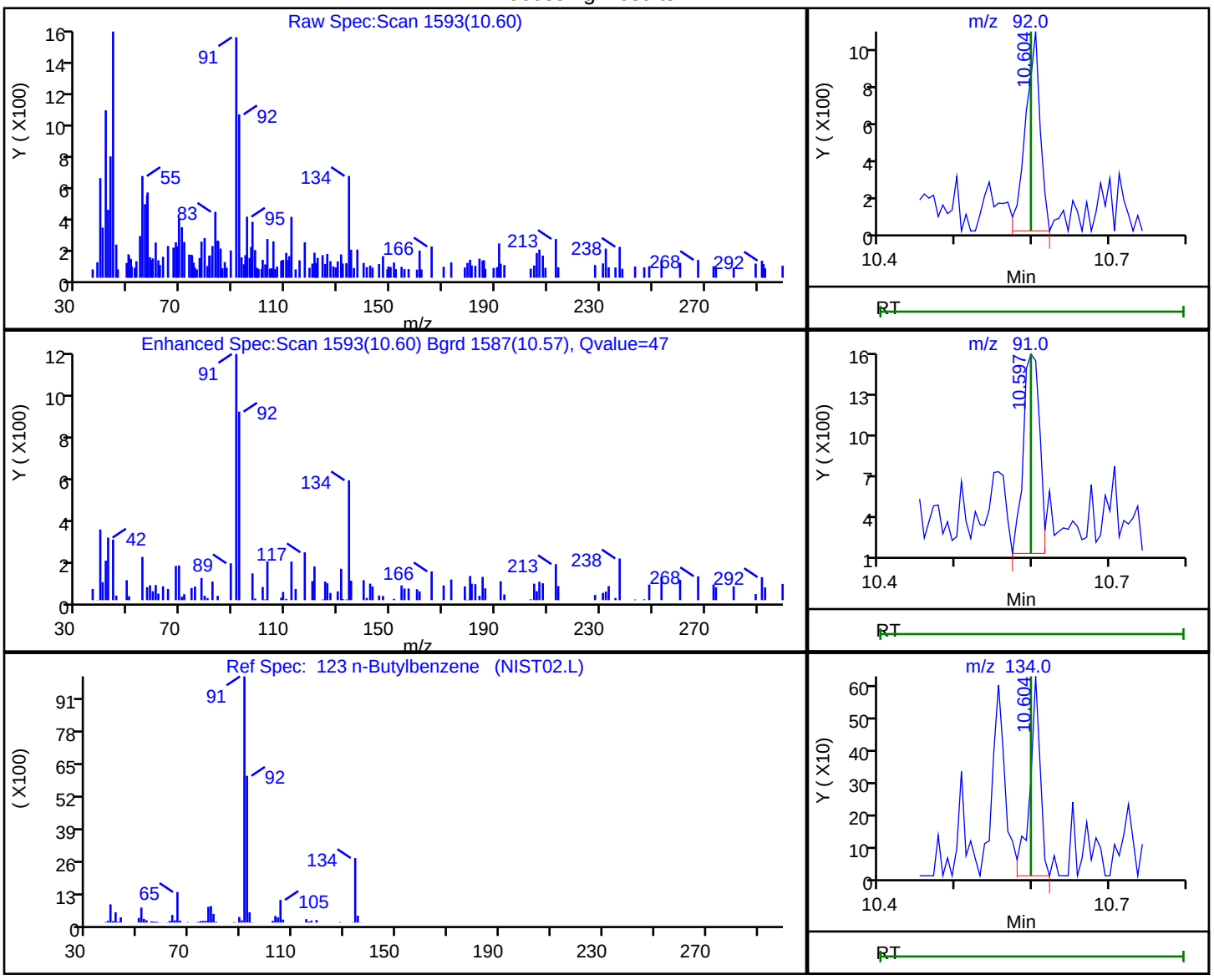
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
10.60	92.00	1313	0.217859
10.60	91.00	2106	
10.60	134.00	585	

Reviewer: boykink, 22-May-2019 06:32:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

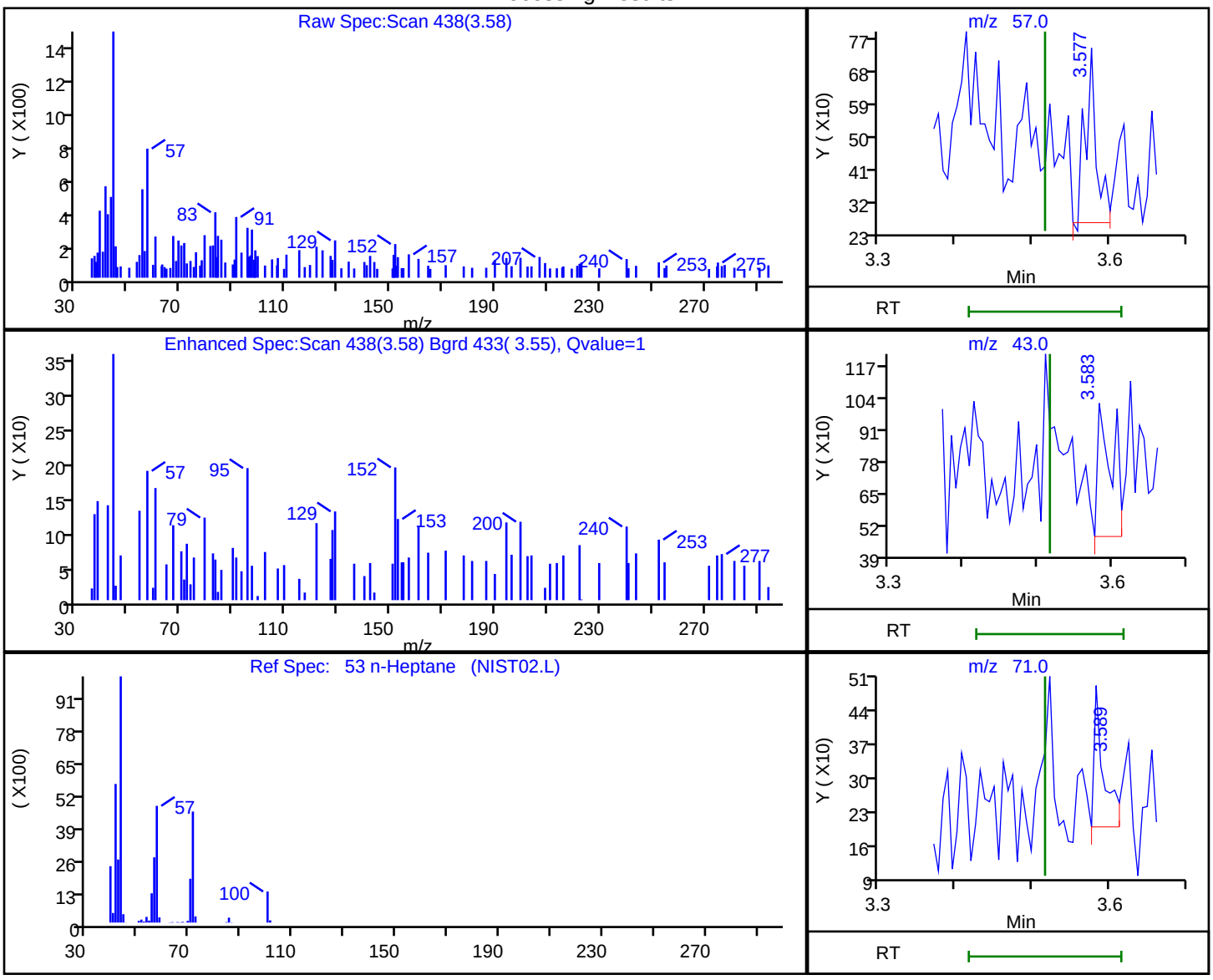
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

53 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.58	57.00	490	0.349406
3.58	43.00	763	
3.59	71.00	251	

Reviewer: boykink, 22-May-2019 06:31:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

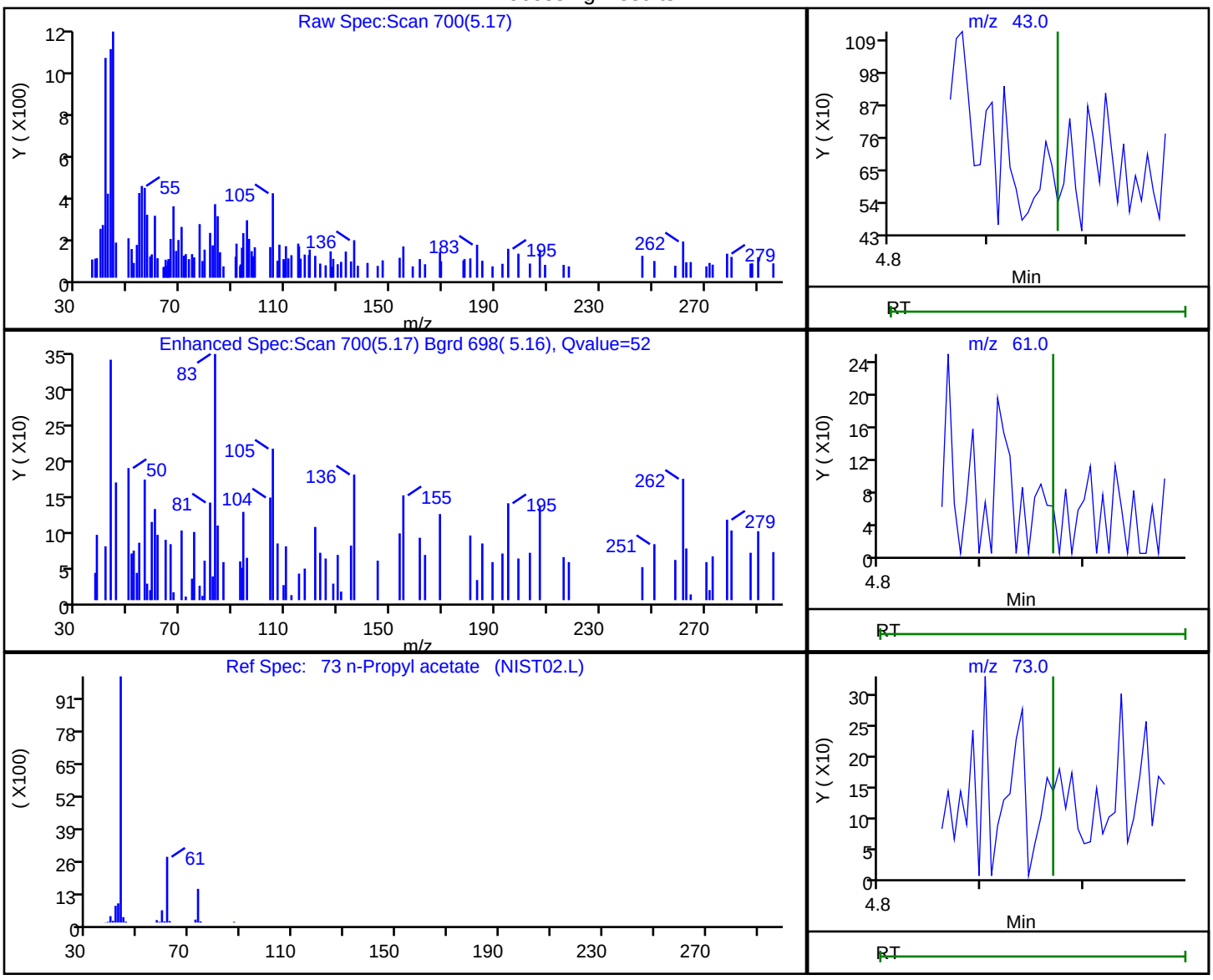
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

73 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.17	43.00	721	0.457895
5.16	61.00	224	
5.18	73.00	107	

Reviewer: boykink, 22-May-2019 06:31:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

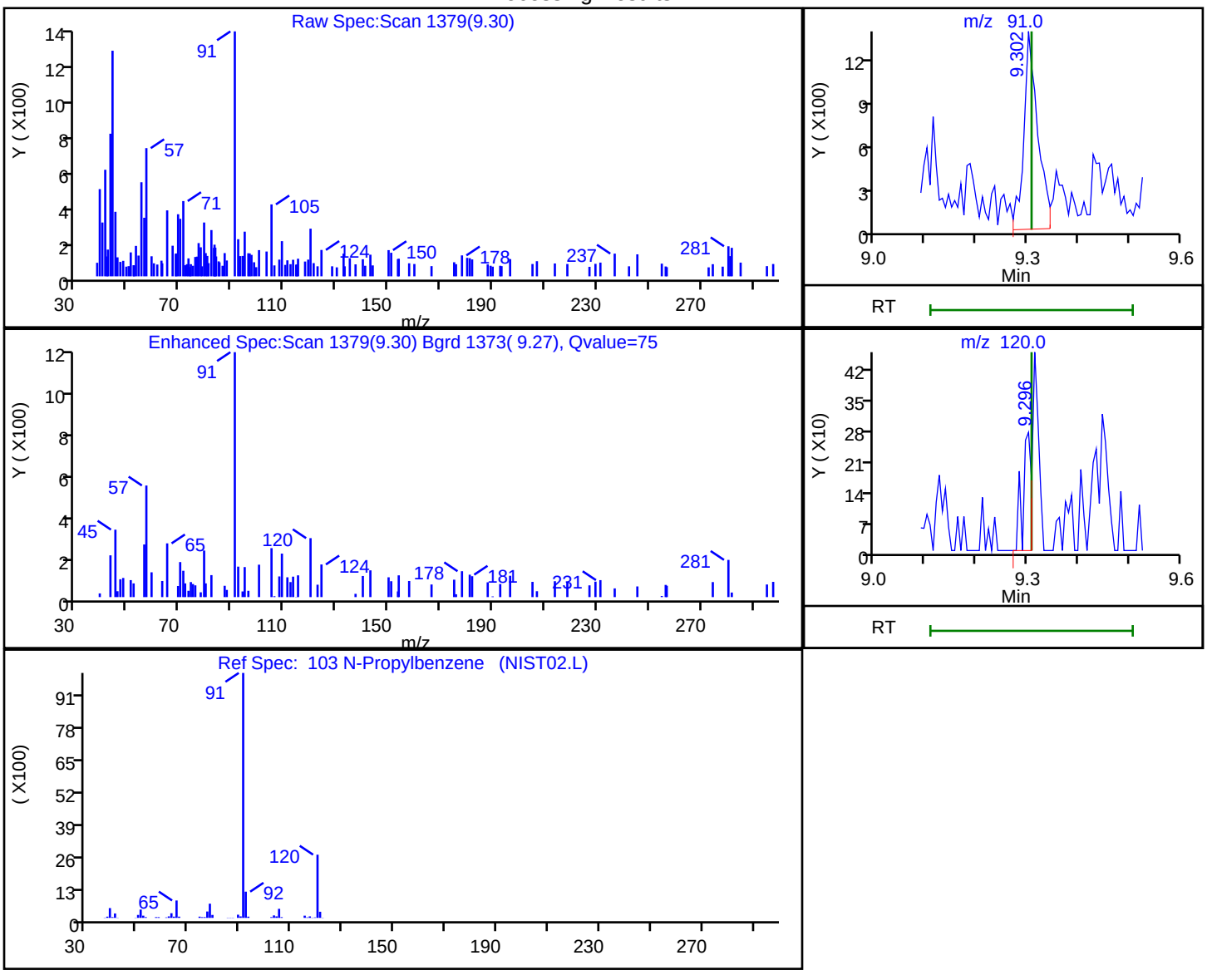
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
9.30	91.00	2475	0.157044
9.30	120.00	316	

Reviewer: boykink, 22-May-2019 06:32:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

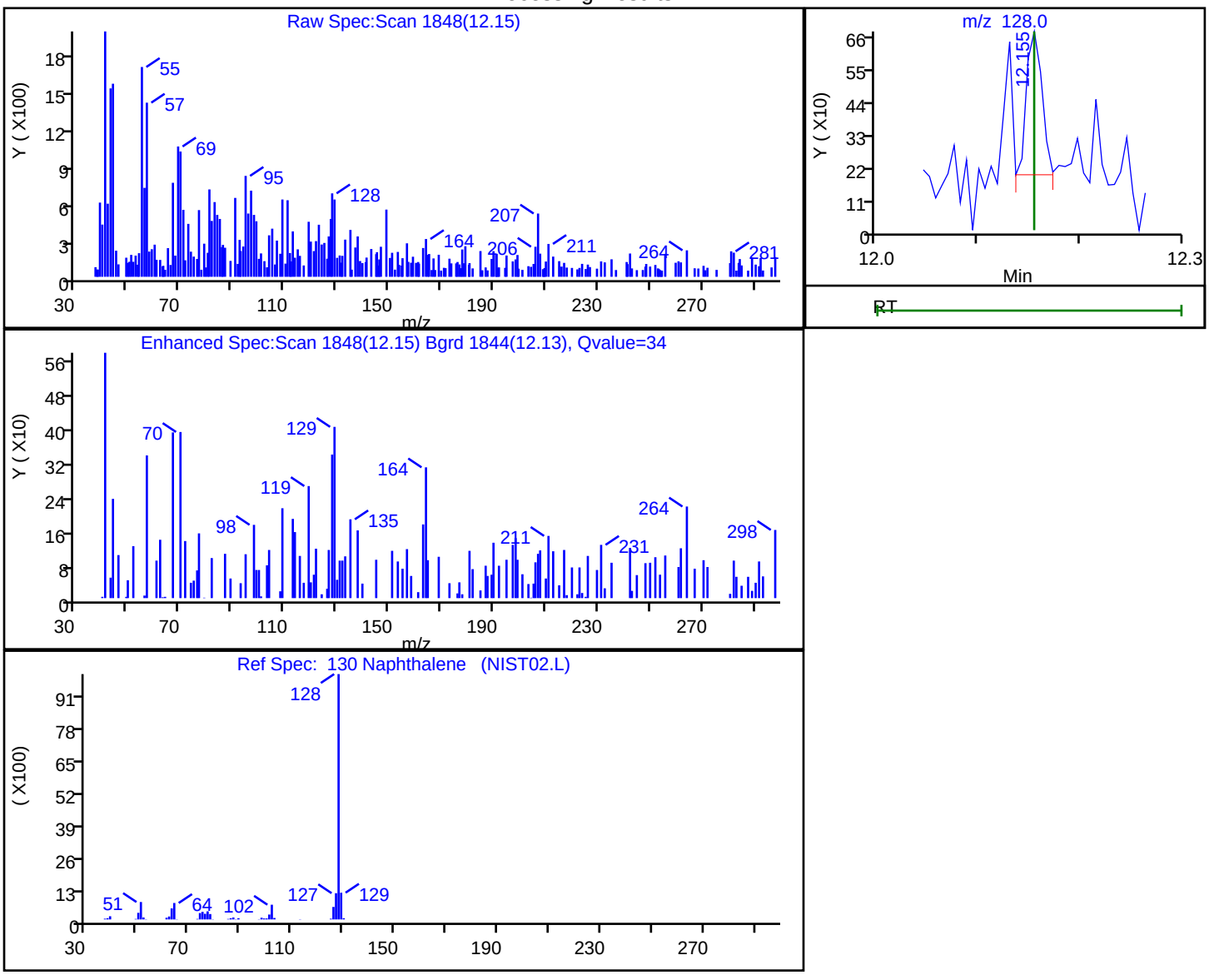
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

130 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.15	128.00	516	0.091117

Reviewer: boykink, 22-May-2019 06:32:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

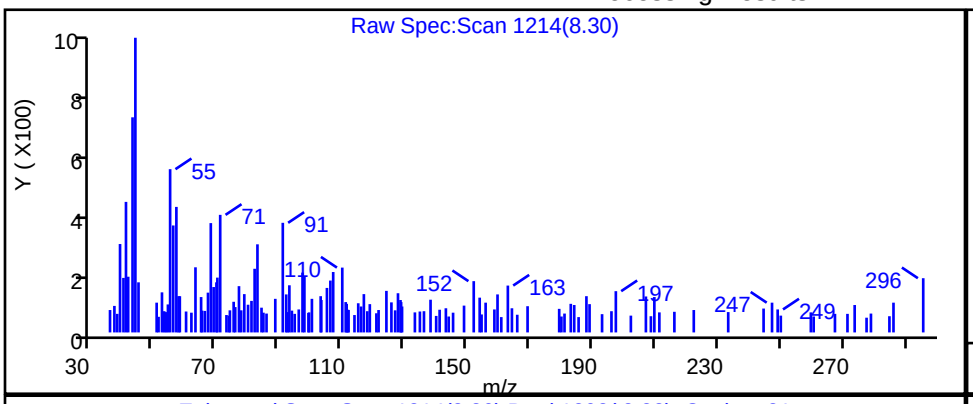
User Disabled Compound Report

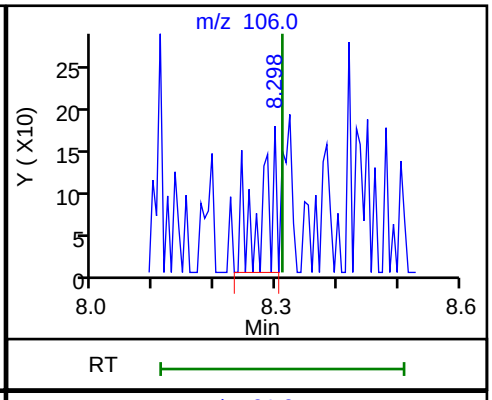
Eurofins TestAmerica, Edison

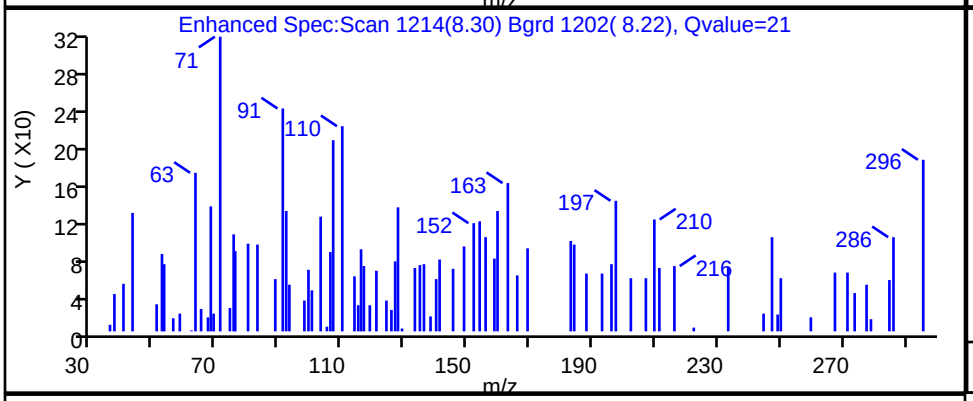
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

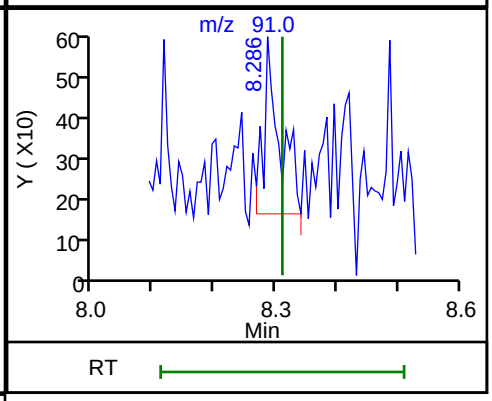
95 o-Xylene, CAS: 95-47-6

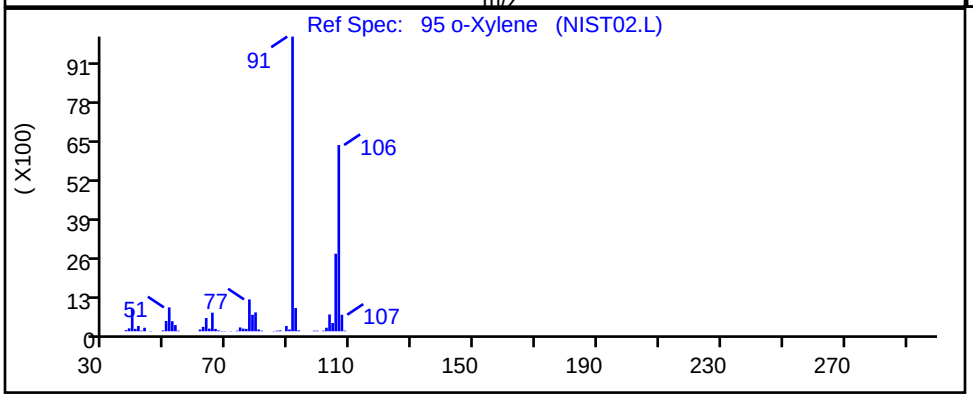
Processing Results











RT	Mass	Response	Amount
8.30	106.00	279	0.053150
8.29	91.00	802	

Reviewer: boykink, 22-May-2019 06:32:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

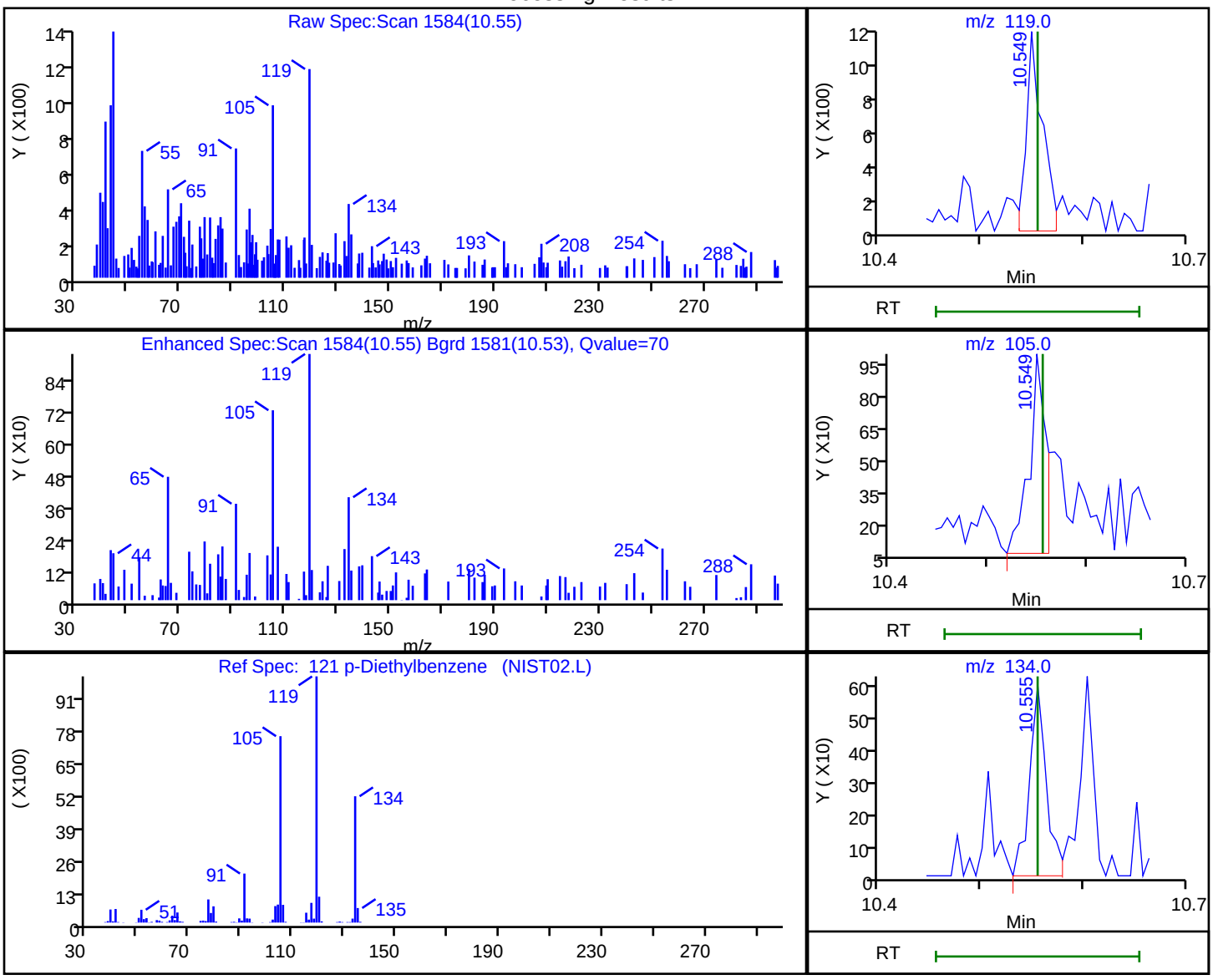
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

121 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.55	119.00	1230	0.171025
10.55	105.00	1104	
10.55	134.00	690	

Reviewer: boykink, 22-May-2019 06:32:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

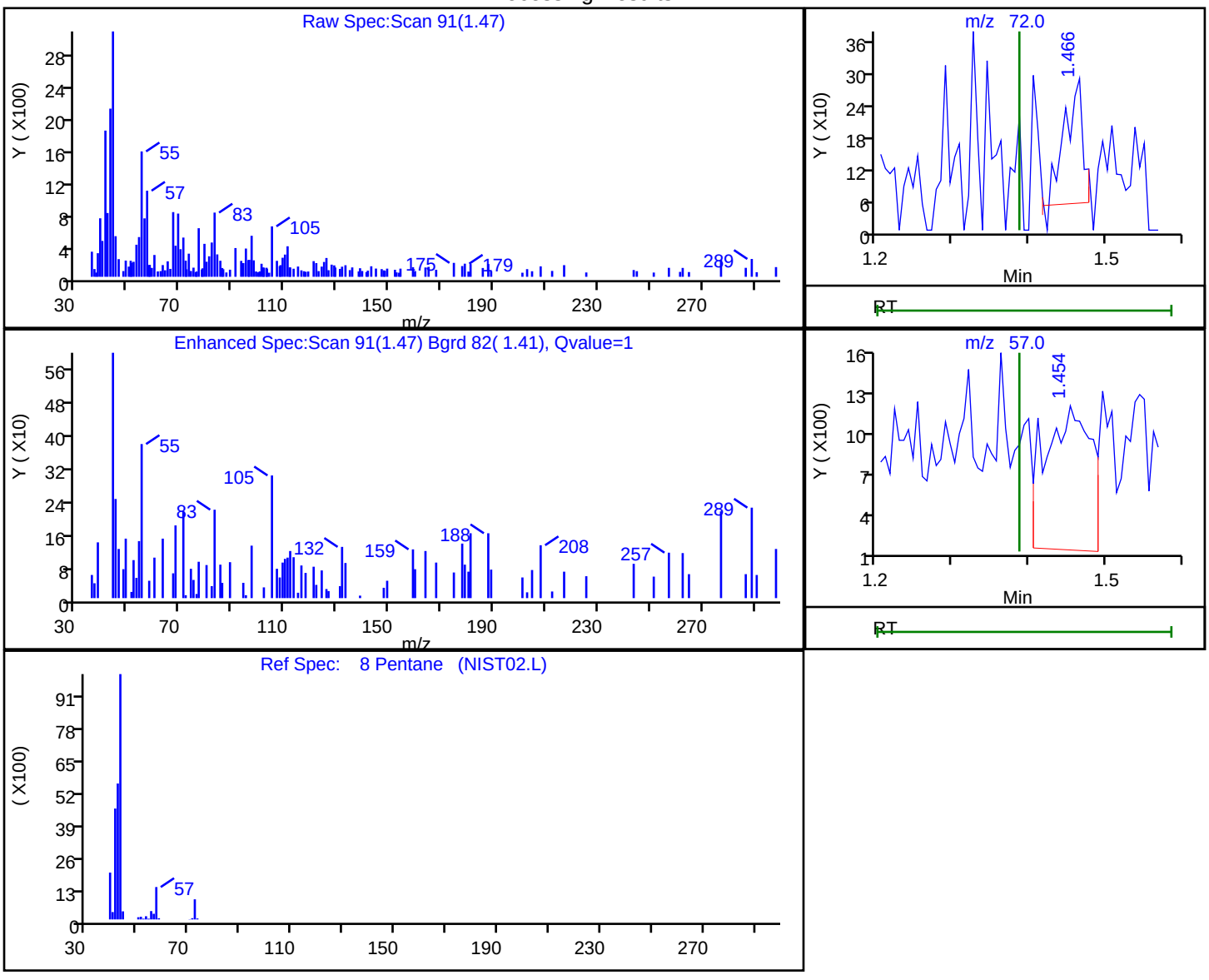
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

8 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.47	72.00	394	494.3867
1.45	57.00	4108	

Reviewer: boykink, 22-May-2019 06:30:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

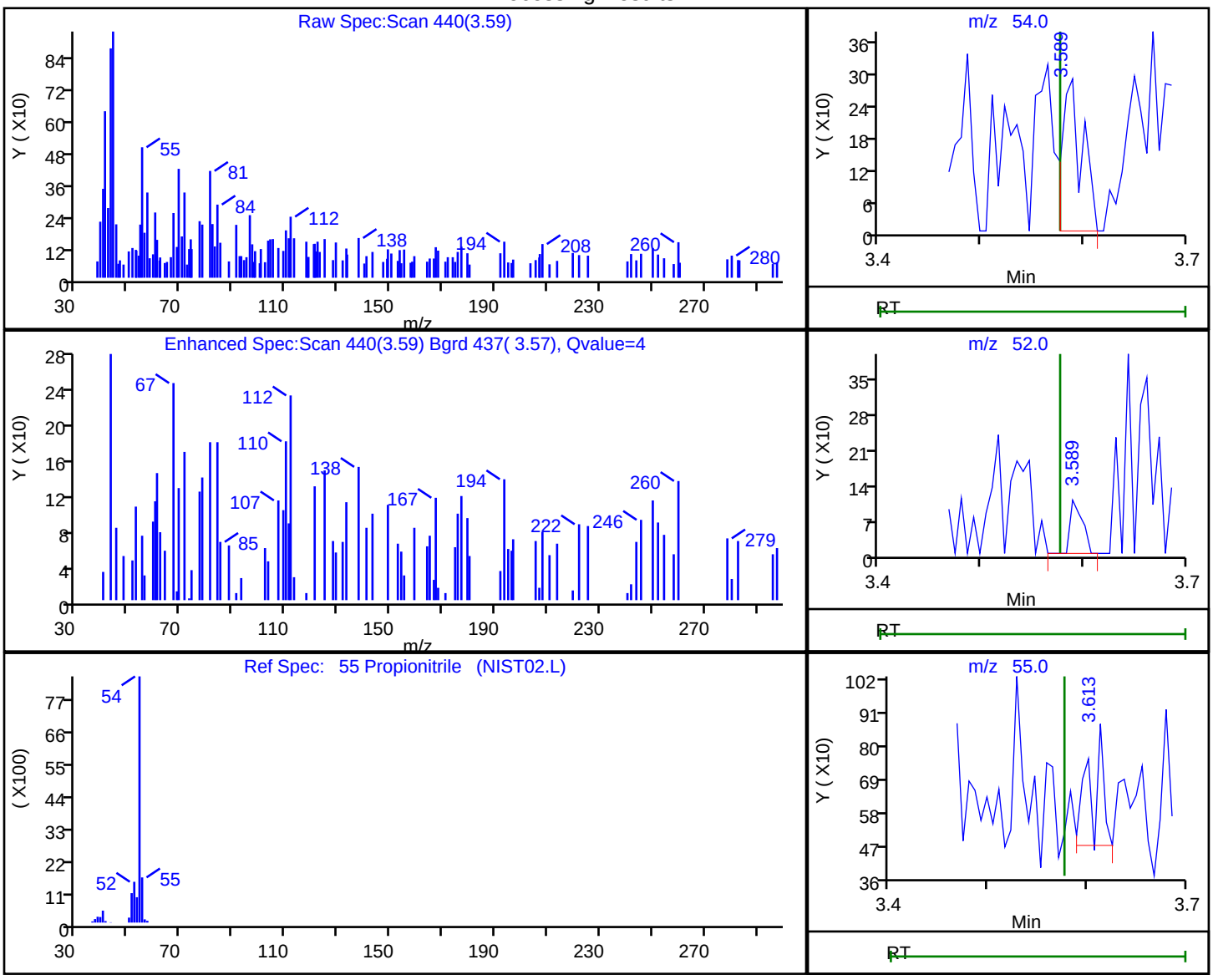
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

55 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.59	54.00	385	1441.2508
3.59	52.00	88	
3.61	55.00	367	

Reviewer: boykink, 22-May-2019 06:31:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

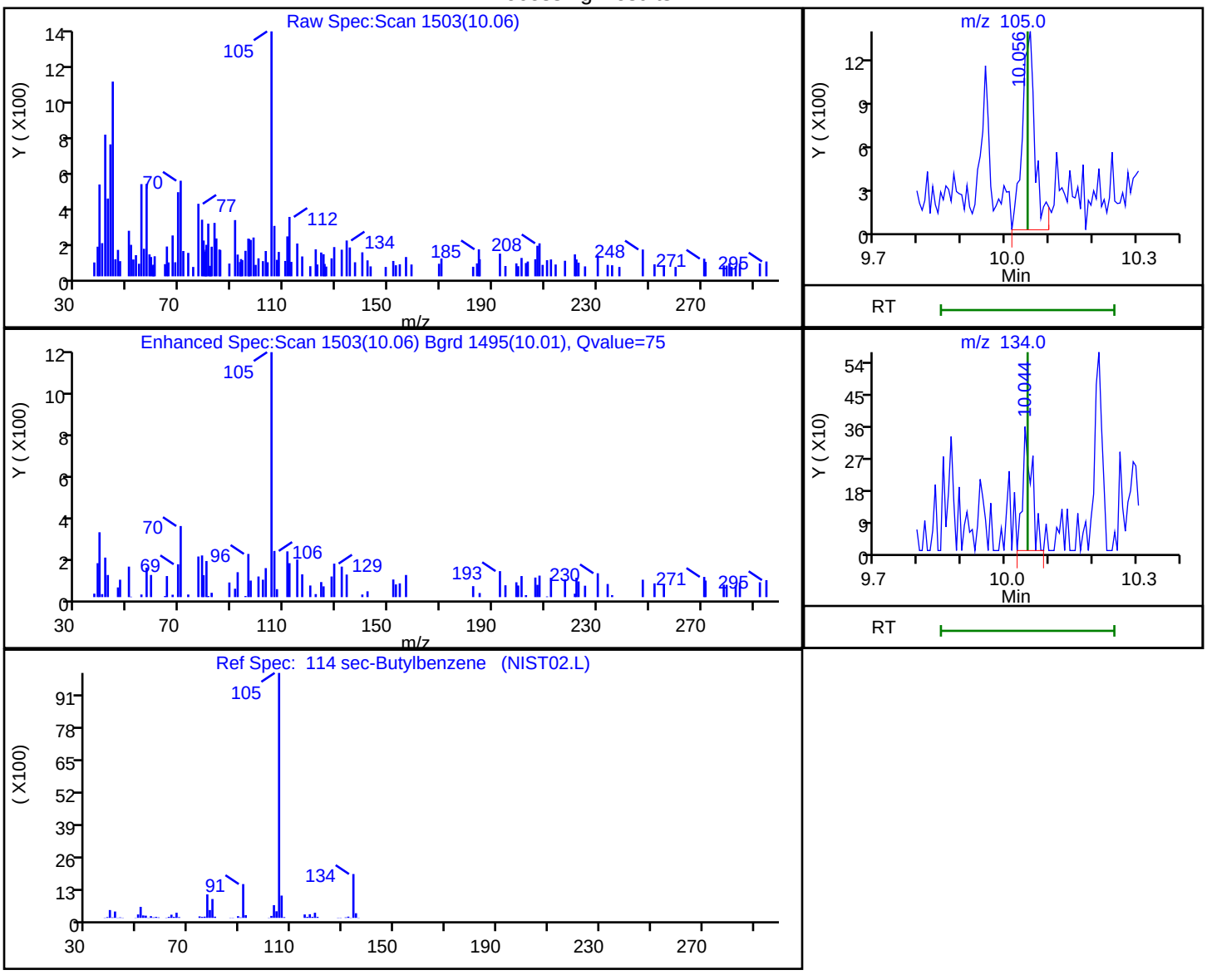
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

114 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.06	105.00	2646	0.177711
10.04	134.00	504	

Reviewer: boykink, 22-May-2019 06:32:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

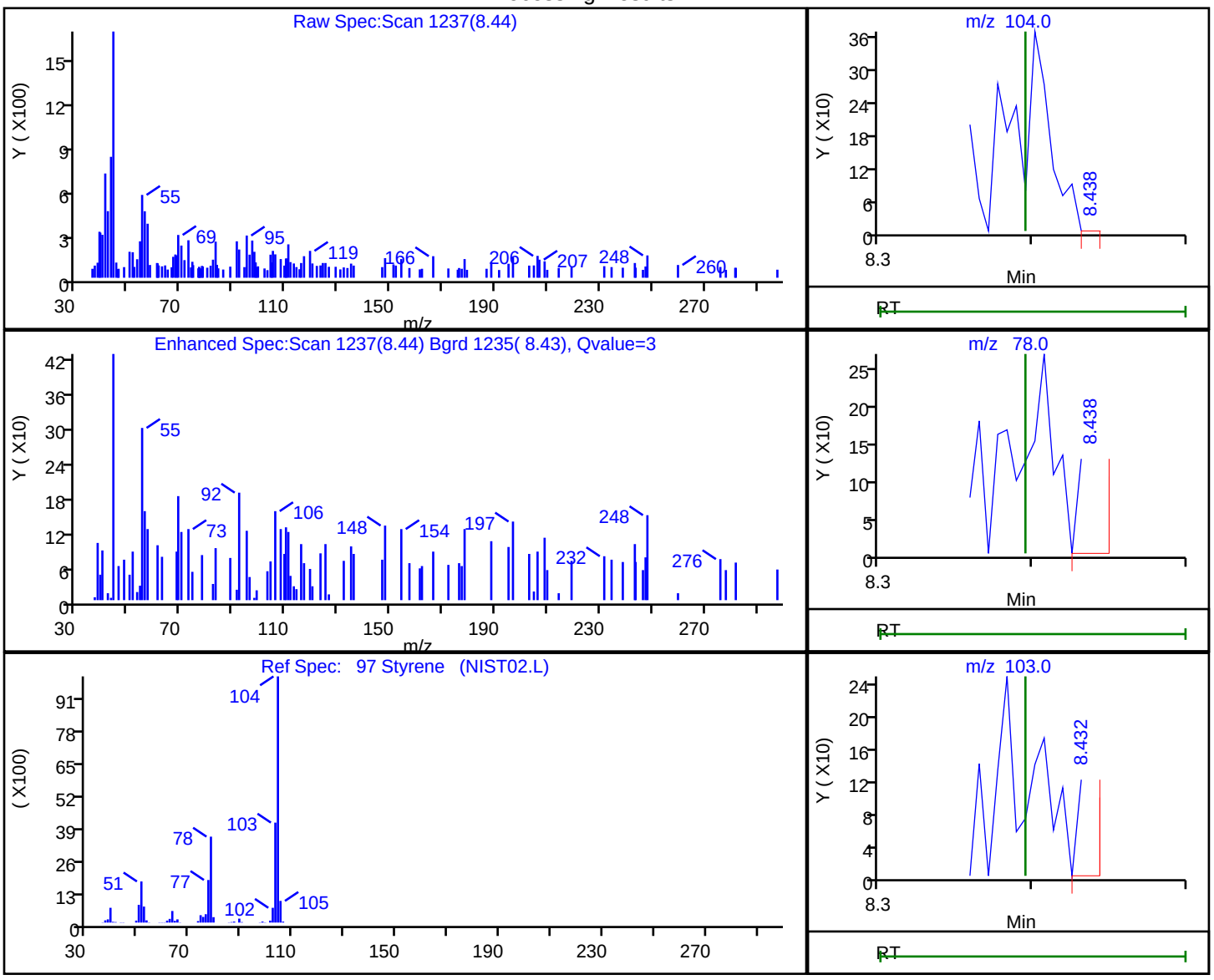
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

97 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.44	104.00	92	0.011383
8.44	78.00	174	
8.43	103.00	62	

Reviewer: boykink, 22-May-2019 06:32:13

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

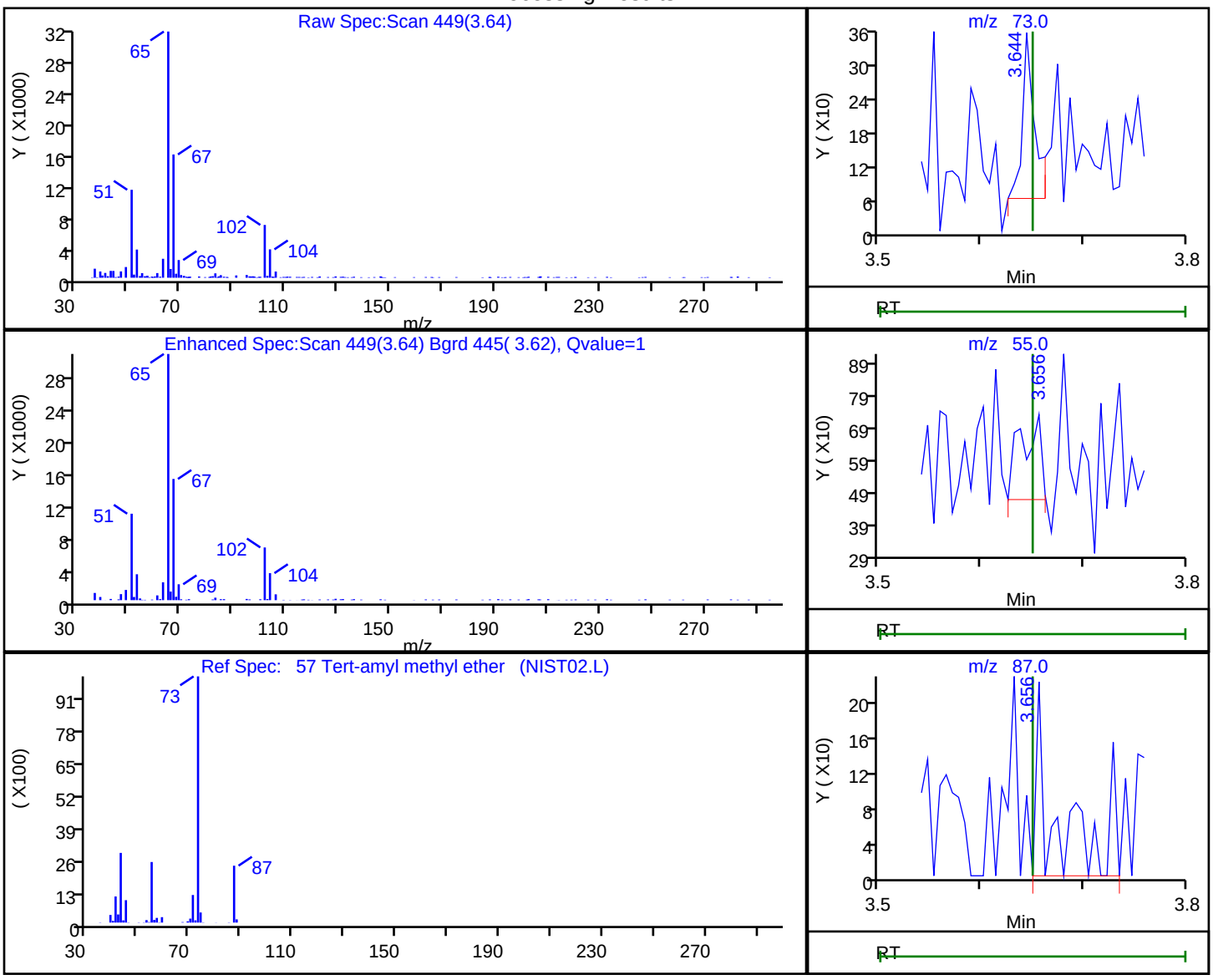
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
3.64	73.00	247	0.043086
3.66	55.00	364	
3.66	87.00	279	

Reviewer: boykink, 22-May-2019 06:31:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

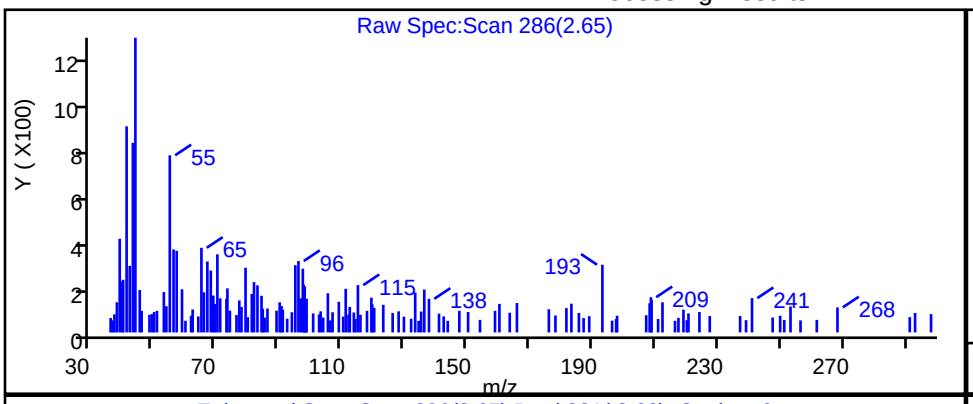
User Disabled Compound Report

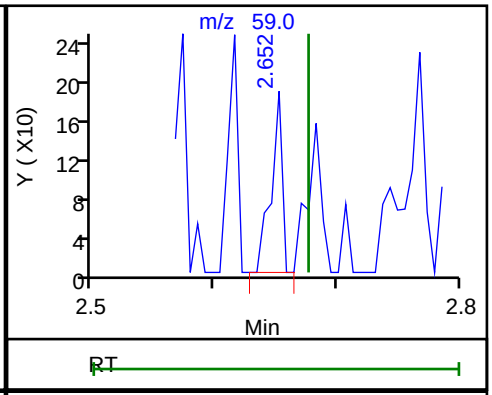
Eurofins TestAmerica, Edison

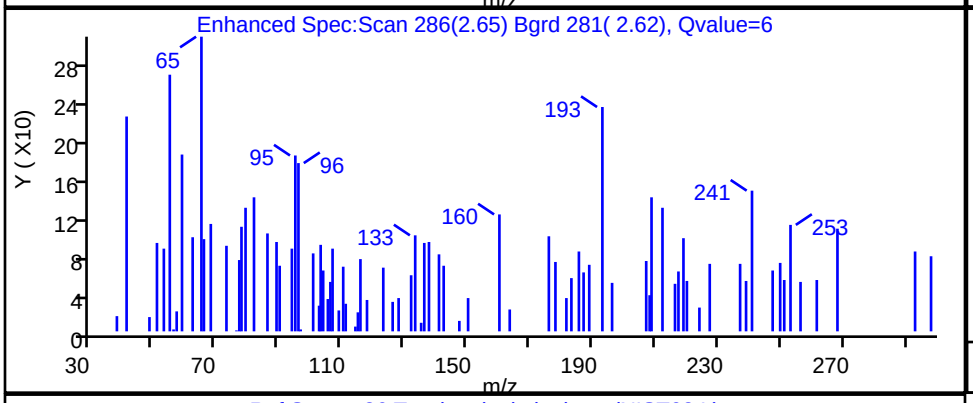
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

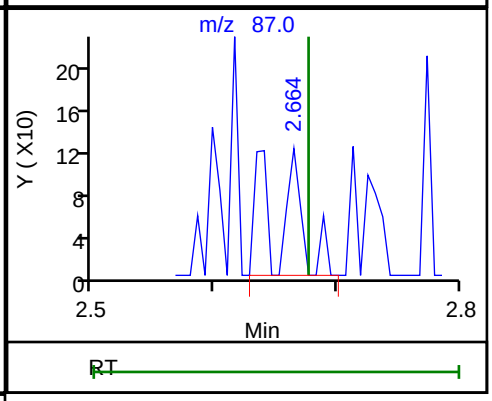
36 Tert-butyl ethyl ether, CAS: 637-92-3

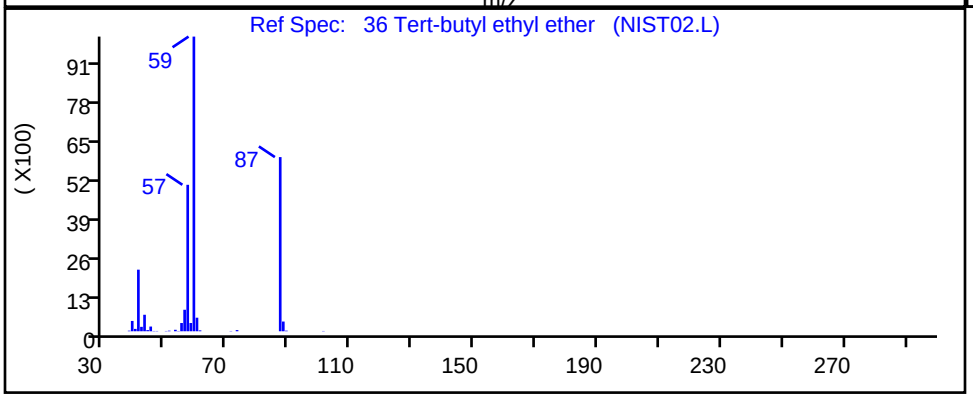
Processing Results











RT	Mass	Response	Amount
2.65	59.00	116	0.017877
2.66	87.00	193	

Reviewer: boykink, 22-May-2019 06:31:22

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

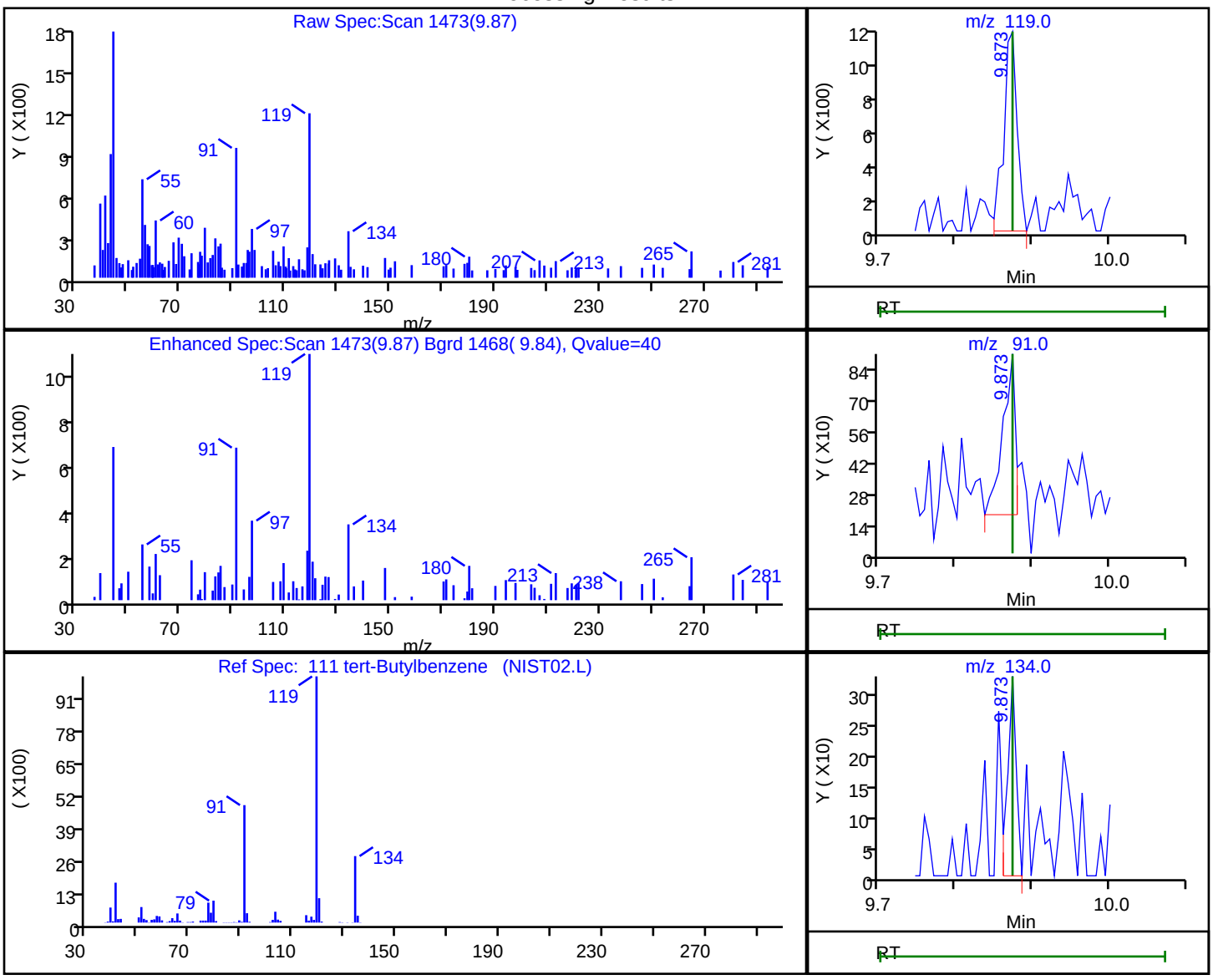
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

111 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.87	119.00	1410	0.134695
9.87	91.00	841	
9.87	134.00	255	

Reviewer: boykink, 22-May-2019 06:32:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

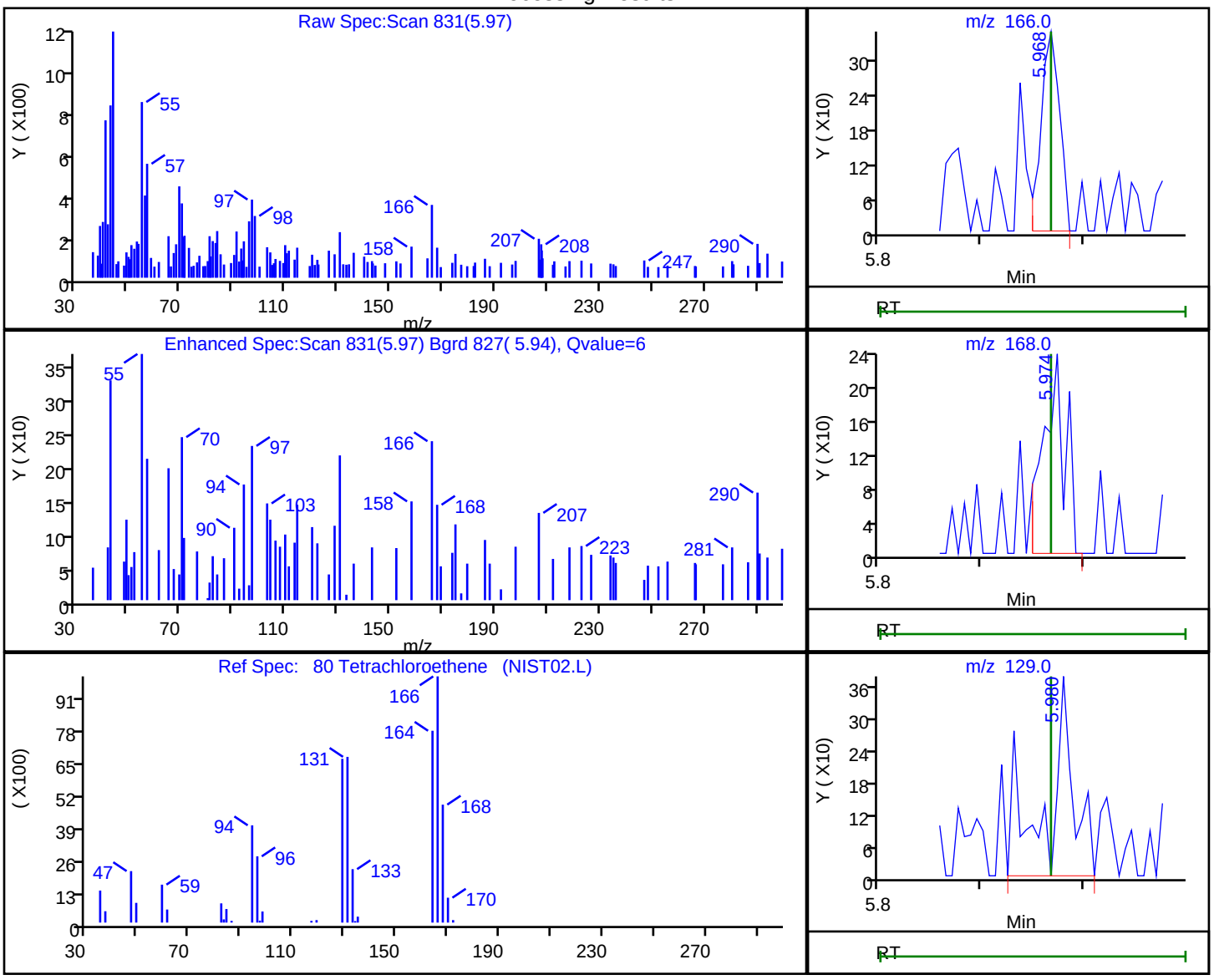
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

80 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
5.97	166.00	434	0.136918
5.97	168.00	348	
5.98	129.00	661	

Reviewer: boykink, 22-May-2019 06:32:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

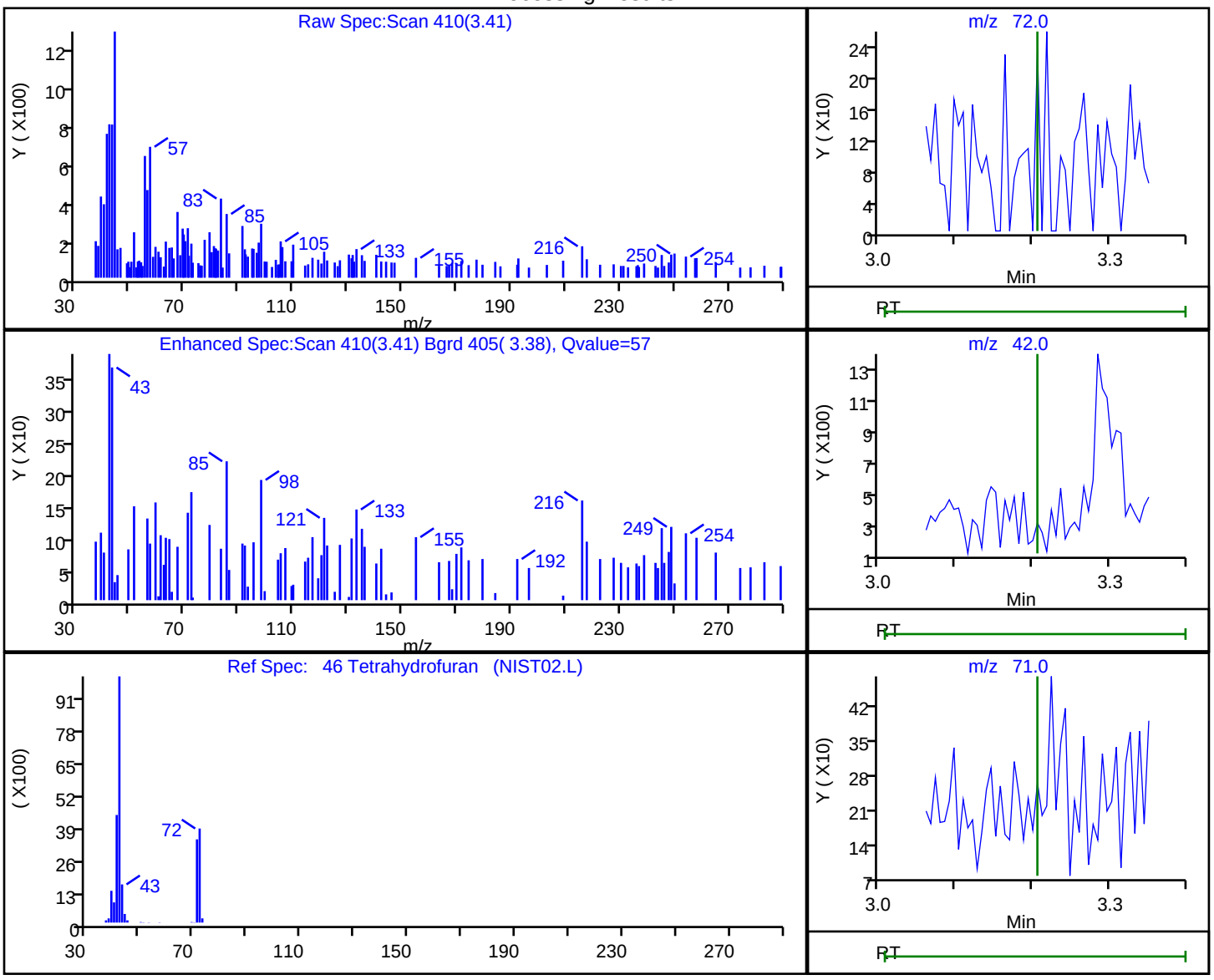
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.41	72.00	216	1.368987
3.41	42.00	332	
3.41	71.00	192	

Reviewer: boykink, 22-May-2019 06:31:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

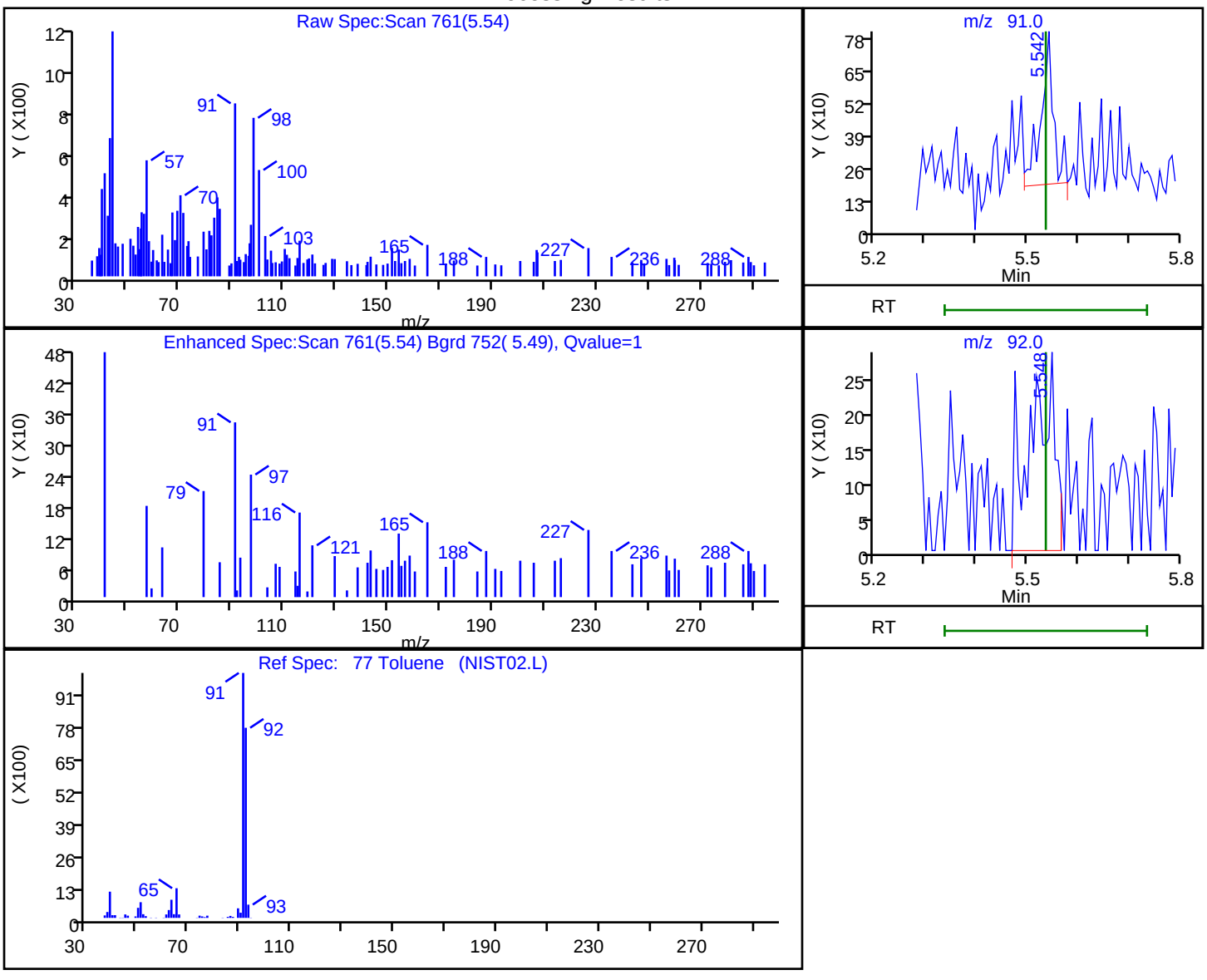
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D
Injection Date: 21-May-2019 18:32:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
5.54	91.00	1052	0.089219
5.55	92.00	923	

Reviewer: boykink, 22-May-2019 06:31:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

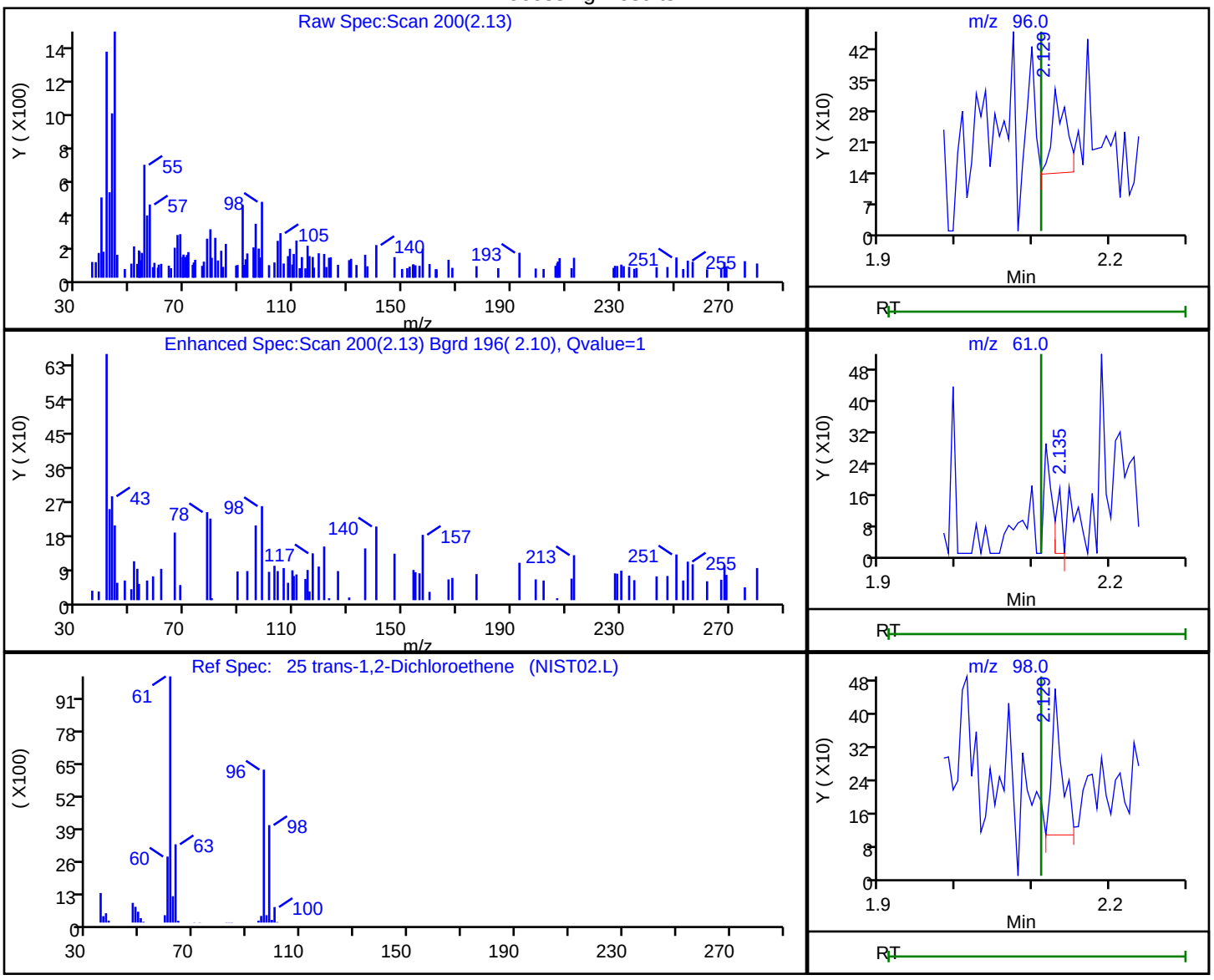
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

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

Processing Results



RT	Mass	Response	Amount
2.13	96.00	242	0.102460
2.14	61.00	92	
2.13	98.00	329	

Reviewer: boykink, 22-May-2019 06:31:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

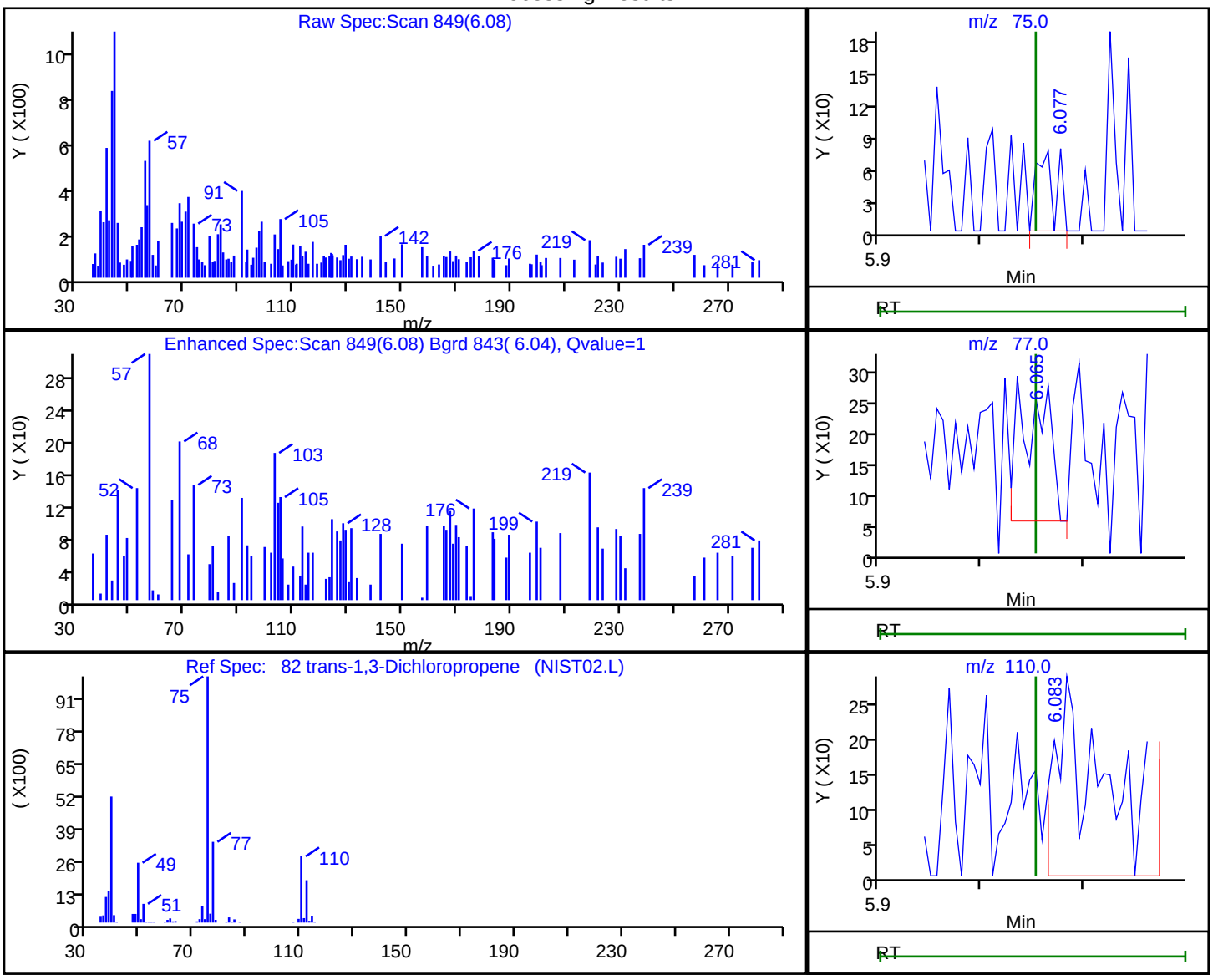
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

82 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
6.08	75.00	99	0.033486
6.07	77.00	427	
6.08	110.00	949	

Reviewer: boykink, 22-May-2019 06:32:02

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

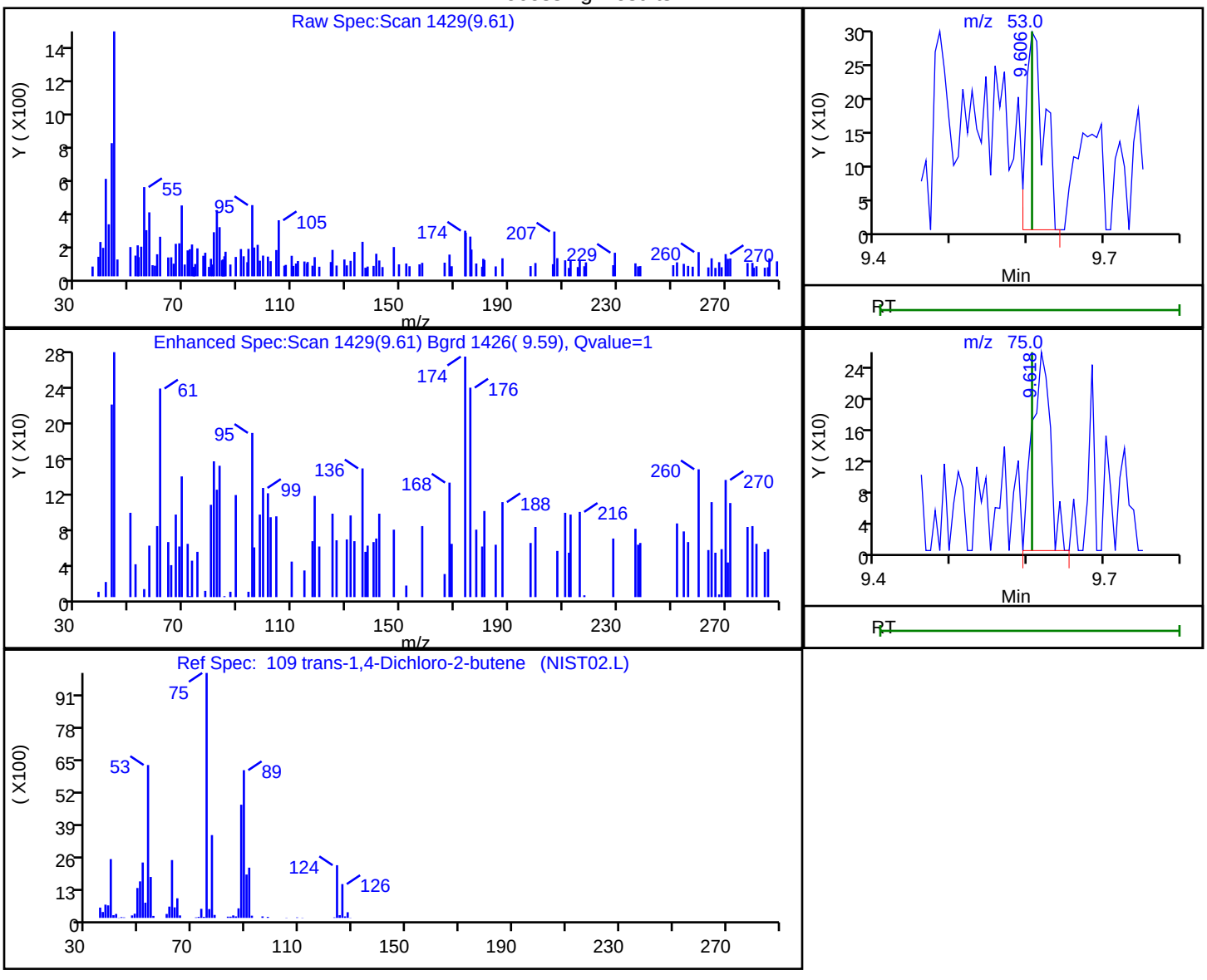
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
9.61	53.00	486	1.000345
9.62	75.00	415	

Reviewer: boykink, 22-May-2019 06:32:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

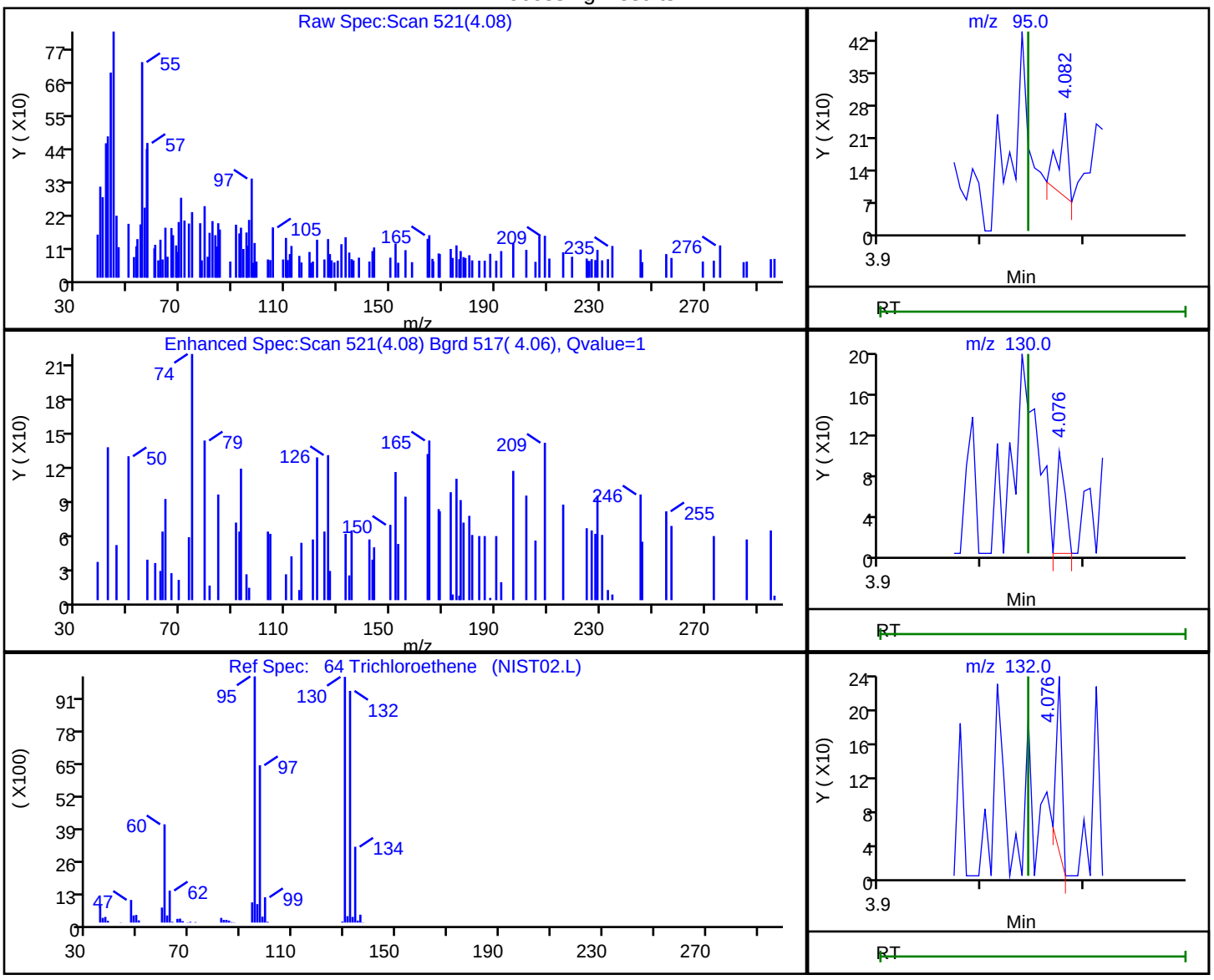
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

64 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
4.08	95.00	114	0.040943
4.08	130.00	57	
4.08	132.00	76	

Reviewer: boykink, 22-May-2019 06:31:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

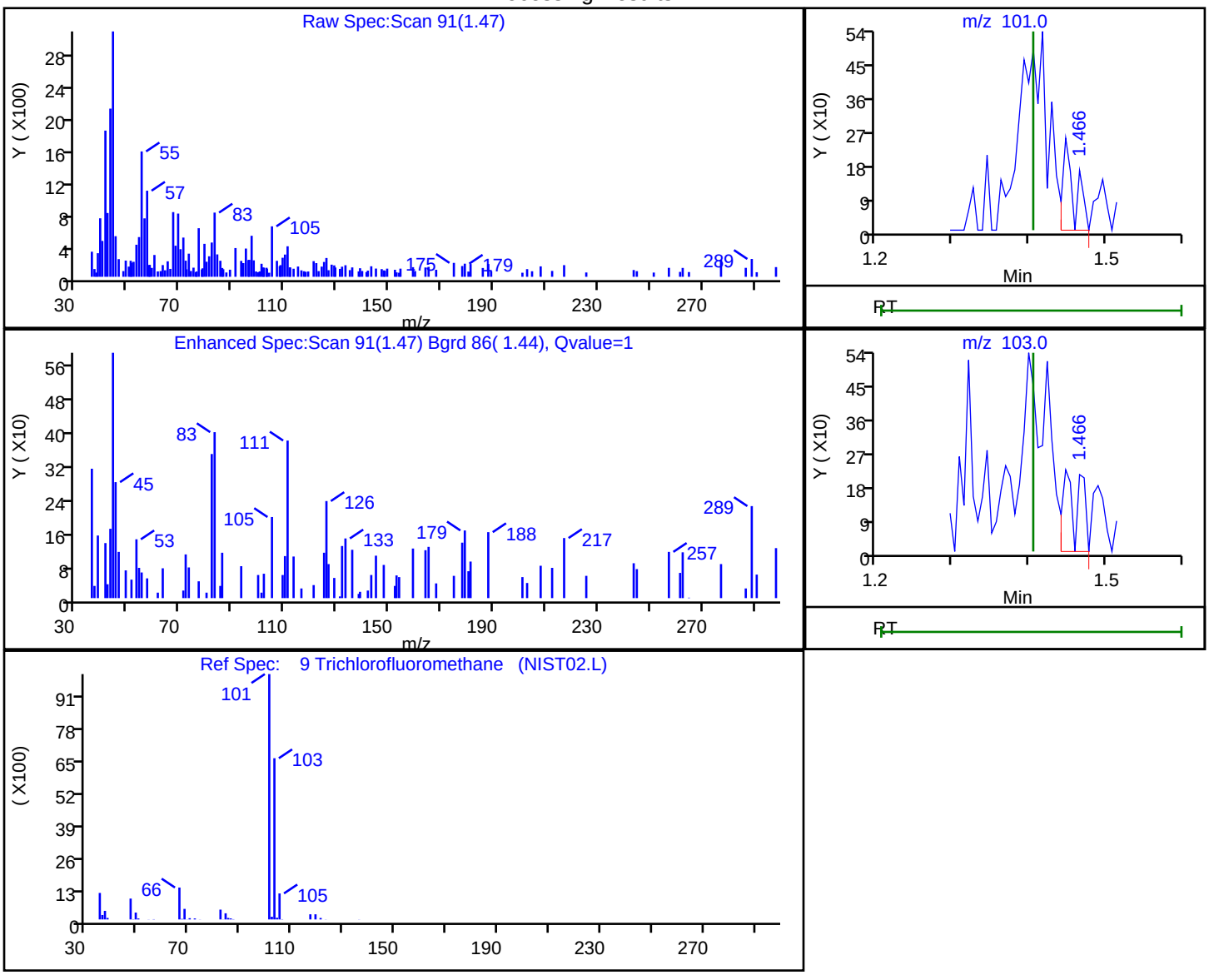
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

9 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.47	101.00	265	0.050413
1.47	103.00	335	

Reviewer: boykink, 22-May-2019 06:30:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

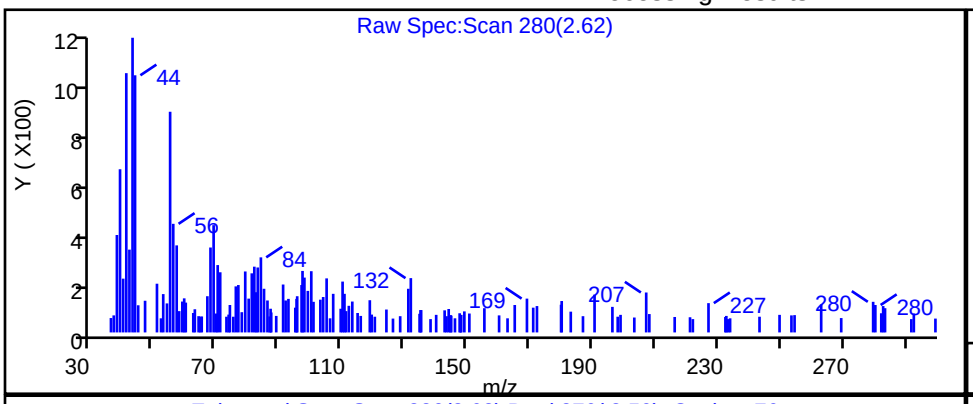
User Disabled Compound Report

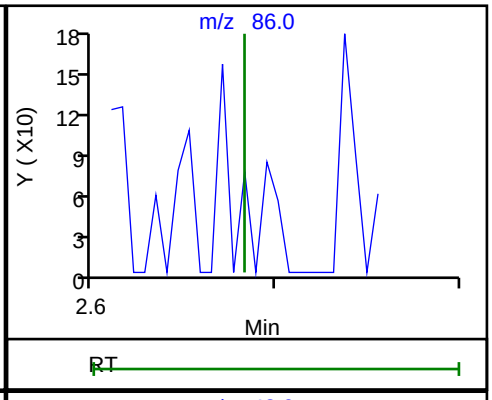
Eurofins TestAmerica, Edison

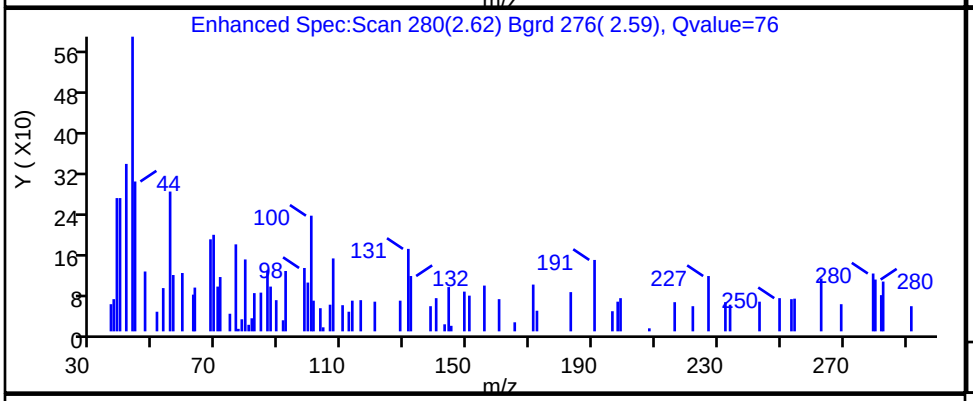
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D				
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

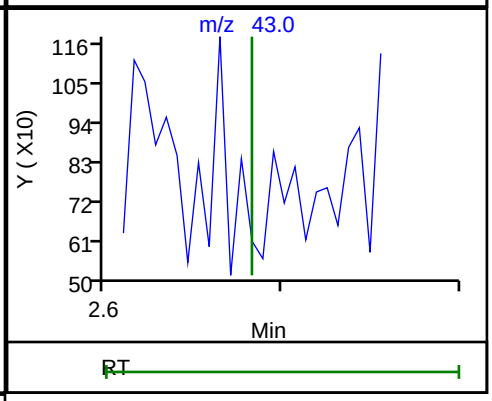
37 Vinyl acetate, CAS: 108-05-4

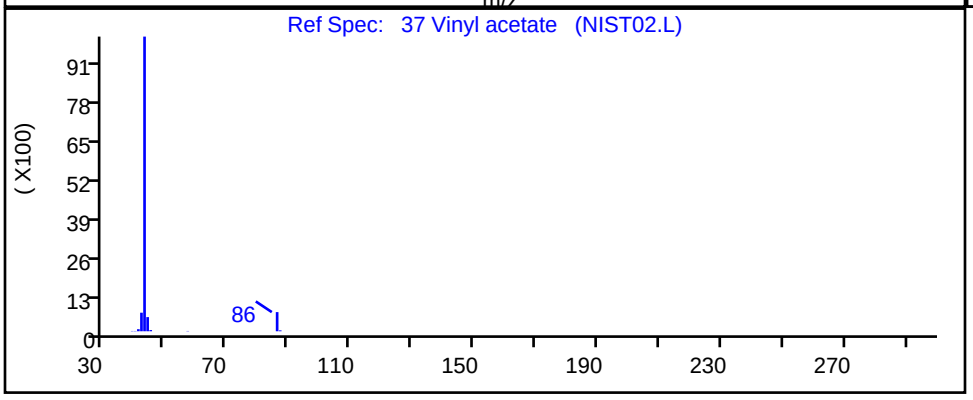
Processing Results











RT	Mass	Response	Amount
2.62	86.00	124	0.391961
2.62	43.00	915	

Reviewer: boykink, 22-May-2019 06:31:24

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

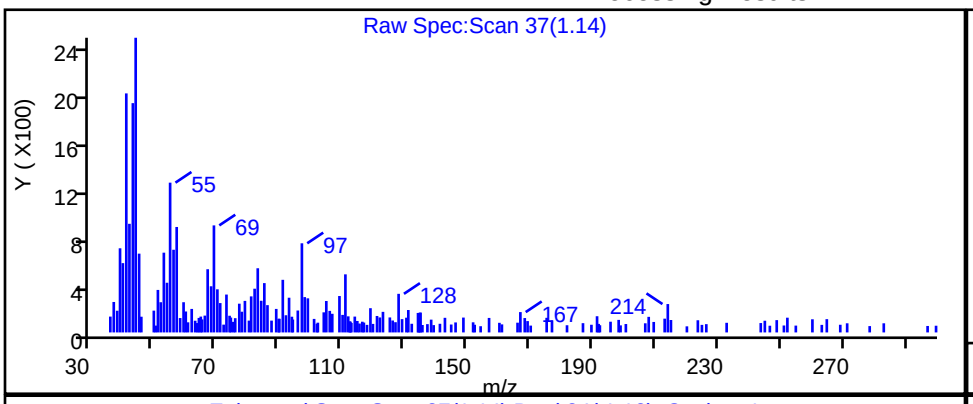
User Disabled Compound Report

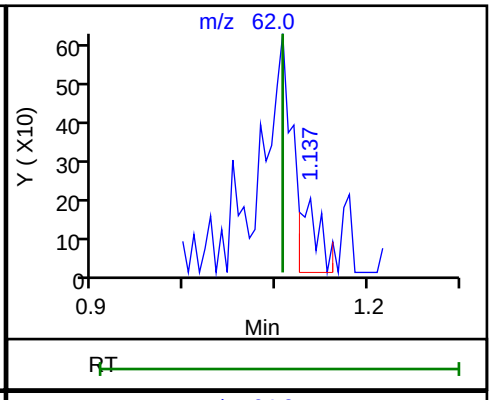
Eurofins TestAmerica, Edison

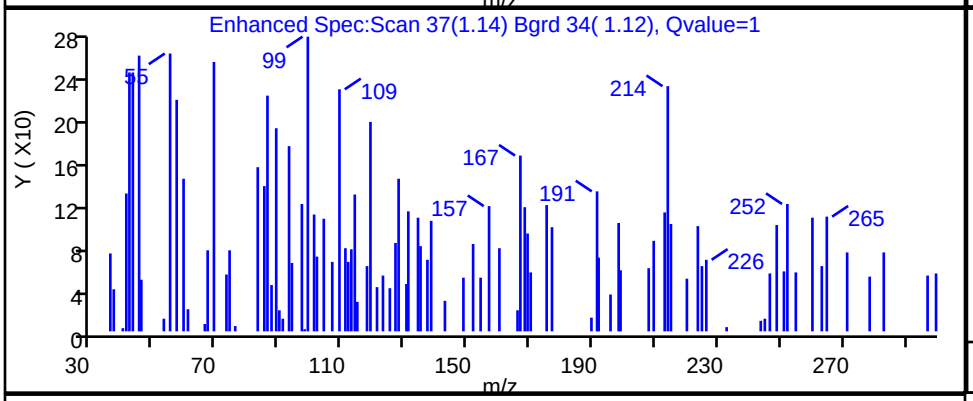
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91275.D		
Injection Date:	21-May-2019 18:32:30	Instrument ID:	CVOAMS11
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

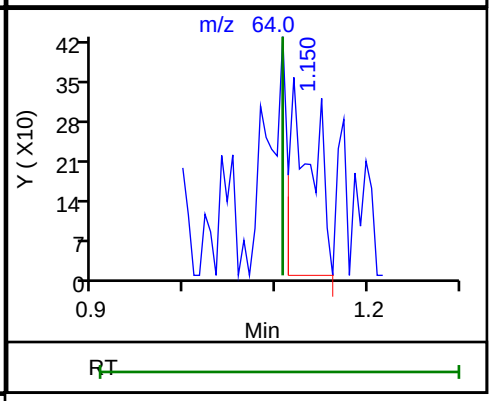
5 Vinyl chloride, CAS: 75-01-4

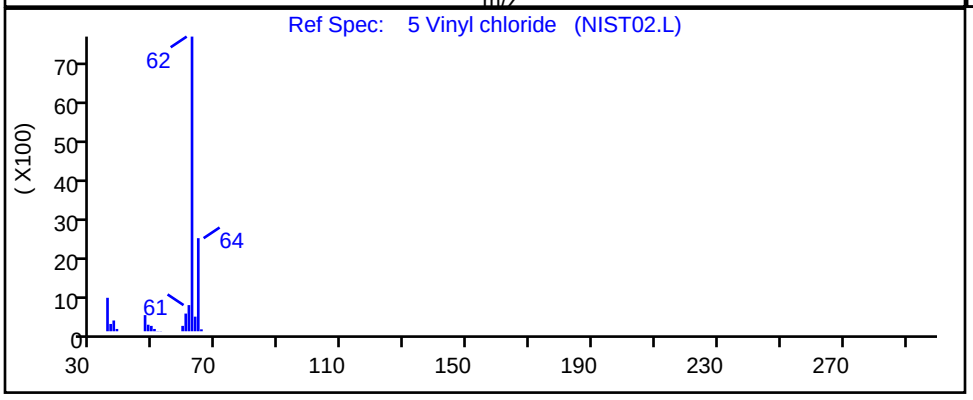
Processing Results











RT	Mass	Response	Amount
1.14	62.00	287	0.061309
1.15	64.00	603	

Reviewer: boykink, 22-May-2019 06:30:42

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 21-May-2019 19:16:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0091538-005
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-May-2019 17:43:36 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0302

First Level Reviewer: pakanatir Date: 21-May-2019 19:50:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.961	0.967	-0.006	75	12103	5.00	5.32	M
2 Dichlorodifluoromethane	87	0.992	0.979	0.013	92	8448	5.00	4.18	
3 Chloromethane	52	1.065	1.058	0.007	97	10542	5.00	4.79	
4 Butadiene	54	1.095	1.095	0.000	89	21506	5.00	4.99	
5 Vinyl chloride	62	1.107	1.107	0.000	97	23594	5.00	4.81	
6 Bromomethane	94	1.277	1.283	-0.006	98	16126	5.00	5.05	
7 Chloroethane	64	1.326	1.332	-0.006	95	11801	5.00	4.77	
8 Pentane	72	1.393	1.387	0.006	97	3620	10.0	8.68	
9 Trichlorofluoromethane	101	1.393	1.405	-0.012	49	28014	5.00	5.12	
10 Dichlorofluoromethane	67	1.436	1.435	0.001	98	28204	5.00	5.04	
11 2-Methyl-1,3-butadiene	53	1.557	1.551	0.006	96	11225	5.00	5.37	
12 Ethyl ether	59	1.551	1.557	-0.006	57	7910	5.00	5.74	
13 Ethanol	45	1.655	1.654	0.001	6	1928	200.0	185.1	Ma
14 1,1-Dichloroethene	96	1.679	1.679	0.000	97	9666	5.00	4.26	
15 1,2-Dichloro-1,1,2-trifluo	117	1.679	1.679	0.000	64	13716	5.00	5.02	
16 Carbon disulfide	76	1.691	1.691	0.000	99	41141	5.00	4.97	
17 1,1,2-Trichloro-1,2,2-trif	101	1.709	1.721	-0.012	64	16121	5.00	5.04	
18 Iodomethane	142	1.758	1.764	-0.006	98	22190	5.00	4.92	
19 Cyclopentene	67	1.843	1.843	0.000	98	31448	5.00	5.39	
20 Acrolein	56	1.868	1.867	0.001	26	2235	20.0	19.4	M
21 3-Chloro-1-propene	76	1.953	1.946	0.007	91	7760	5.00	5.24	
22 Isopropyl alcohol	45	1.977	1.983	-0.006	32	3689	50.0	65.9	
23 Methylene Chloride	84	2.020	2.019	0.001	92	12073	5.00	5.01	
24 Acetone	58	2.056	2.050	0.006	20	1595	25.0	21.1	M
25 trans-1,2-Dichloroethene	96	2.111	2.111	0.000	94	13314	5.00	5.20	
26 Methyl acetate	74	2.117	2.123	-0.006	21	1020	10.0	7.14	M
27 Hexane	56	2.153	2.153	0.000	83	8413	5.00	4.86	
28 Methyl tert-butyl ether	73	2.190	2.184	0.006	85	27638	5.00	5.26	
* 29 TBA-d9 (IS)	65	2.208	2.208	0.000	91	105714	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.257	2.263	-0.006	28	6613	50.0	54.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.342	2.348	-0.006	91	5775	50.0	50.8	a
32 Isopropyl ether	45	2.433	2.427	0.006	97	39788	5.00	5.00	
33 2-Chloro-1,3-butadiene	88	2.488	2.494	-0.006	92	12021	5.00	4.94	
34 1,1-Dichloroethane	63	2.512	2.506	0.006	99	21583	5.00	4.90	
35 Acrylonitrile	53	2.549	2.549	0.000	91	19100	50.0	55.0	
36 Tert-butyl ethyl ether	59	2.677	2.676	0.001	85	36163	5.00	5.21	
37 Vinyl acetate	86	2.689	2.683	0.006	99	3678	10.0	10.9	
38 cis-1,2-Dichloroethene	96	2.884	2.883	0.001	96	13842	5.00	5.03	
39 2,2-Dichloropropane	79	2.975	2.969	0.007	96	8242	5.00	4.96	
40 Cyclohexane	84	3.023	3.029	-0.006	82	23267	5.00	4.98	
41 Chlorobromomethane	128	3.030	3.029	0.001	77	6338	5.00	5.44	
42 Chloroform	83	3.096	3.090	0.006	97	24022	5.00	5.34	
43 Carbon tetrachloride	117	3.188	3.188	0.000	96	26077	5.00	4.95	
44 Ethyl acetate	70	3.194	3.194	0.000	77	907	10.0	6.35	
45 Methyl acrylate	55	3.200	3.194	0.006	45	5483	5.00	5.39	a
46 Tetrahydrofuran	72	3.206	3.206	0.000	29	2168	10.0	13.1	M
$ 47 Dibromofluoromethane (Surr	113	3.236	3.236	0.000	98	109985	50.0	51.1	
48 1,1,1-Trichloroethane	97	3.242	3.248	-0.006	43	24642	5.00	4.94	
* 49 2-Butanone-d5	46	3.297	3.297	0.000	0	91863	250.0	250.0	
50 2-Butanone (MEK)	72	3.334	3.334	0.000	81	3962	25.0	24.4	
51 1,1-Dichloropropene	75	3.340	3.334	0.006	89	19597	5.00	5.03	a
52 Isooctane	57	3.419	3.425	-0.006	98	27848	5.00	4.87	
53 n-Heptane	57	3.522	3.516	0.006	85	7343	5.00	4.78	
54 Benzene	78	3.534	3.540	-0.006	96	53329	5.00	4.83	
55 Propionitrile	54	3.583	3.577	0.006	38	6962	50.0	50.5	
56 Methacrylonitrile	67	3.595	3.589	0.006	92	23175	50.0	51.6	
57 Tert-amyl methyl ether	73	3.650	3.650	0.000	49	30955	5.00	5.05	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	97	98023	50.0	51.1	
59 1,2-Dichloroethane	62	3.711	3.717	-0.006	96	14080	5.00	5.28	
60 Isobutyl alcohol	43	3.772	3.772	0.000	72	4543	125.0	107.9	
* 61 Fluorobenzene	96	3.899	3.899	0.000	99	397129	50.0	50.0	
62 Isopropyl acetate	43	3.960	3.960	0.000	99	12577	5.00	5.28	
63 Methylcyclohexane	83	4.021	4.033	-0.012	93	21986	5.00	4.82	
64 Trichloroethene	95	4.039	4.045	-0.006	98	15372	5.00	5.12	
65 n-Butanol	56	4.423	4.422	0.001	81	3292	125.0	121.8	
66 Dibromomethane	93	4.435	4.441	-0.006	86	5455	5.00	5.10	
67 1,2-Dichloropropane	63	4.538	4.538	0.000	89	13153	5.00	5.27	
68 Ethyl acrylate	55	4.599	4.599	0.000	96	9293	5.00	5.45	
69 Dichlorobromomethane	83	4.617	4.617	0.000	96	17585	5.00	5.35	
* 70 1,4-Dioxane-d8	96	4.800	4.800	0.000	95	14115	1000.0	1000.0	a
71 Methyl methacrylate	100	4.800	4.806	-0.006	91	4307	10.0	9.97	
72 1,4-Dioxane	88	4.830	4.830	0.000	28	1842	100.0	126.1	M
73 n-Propyl acetate	43	4.970	4.970	0.000	96	10115	5.00	5.75	
74 2-Chloroethyl vinyl ether	63	5.244	5.250	-0.006	91	4861	5.00	5.03	
75 cis-1,3-Dichloropropene	75	5.280	5.280	0.000	94	19127	5.00	4.82	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	99	496684	50.0	48.4	
77 Toluene	91	5.536	5.536	0.000	93	64309	5.00	4.94	
78 Epichlorohydrin	57	5.579	5.572	0.007	95	10997	100.0	95.1	
79 2-Nitropropane	41	5.828	5.816	0.012	77	3268	10.0	10.1	
80 Tetrachloroethene	166	5.968	5.968	0.000	95	17512	5.00	5.01	
81 4-Methyl-2-pentanone (MIBK	43	6.023	6.022	0.001	95	29094	25.0	25.4	
82 trans-1,3-Dichloropropene	75	6.053	6.053	0.000	93	16080	5.00	4.93	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.236	6.241	-0.005	92	6660	5.00	4.99	
84 Ethyl methacrylate	69	6.302	6.302	0.000	87	11323	5.00	5.32	
85 Chlorodibromomethane	129	6.436	6.436	0.000	94	10978	5.00	5.01	
86 1,3-Dichloropropane	76	6.558	6.558	0.000	93	13391	5.00	4.81	
87 Ethylene Dibromide	107	6.692	6.692	0.000	95	7479	5.00	4.69	
88 n-Butyl acetate	43	7.020	7.026	-0.006	96	11565	5.00	5.29	
89 2-Hexanone	58	7.099	7.099	0.000	97	10264	25.0	23.4	
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	85	436259	50.0	50.0	
91 Chlorobenzene	112	7.416	7.410	0.006	94	42171	5.00	5.04	
92 Ethylbenzene	106	7.495	7.495	0.000	98	23372	5.00	4.94	
93 1,1,1,2-Tetrachloroethane	131	7.525	7.525	0.000	89	17473	5.00	5.23	
94 m-Xylene & p-Xylene	106	7.714	7.708	0.006	0	28637	5.00	4.92	
95 o-Xylene	106	8.310	8.310	0.000	95	27028	5.00	4.67	
96 Bromoform	173	8.377	8.383	-0.006	95	6677	5.00	5.08	
97 Styrene	104	8.395	8.395	0.000	97	43390	5.00	4.87	
98 n-Butyl acrylate	73	8.705	8.705	0.000	98	6425	5.00	4.65	
99 Isopropylbenzene	105	8.785	8.784	0.001	95	73394	5.00	4.59	
100 Amyl acetate (mixed isomer	43	9.064	9.064	0.000	92	15588	5.00	5.24	
$ 101 4-Bromofluorobenzene	174	9.107	9.113	-0.006	94	171183	50.0	47.7	
102 Bromobenzene	156	9.198	9.198	0.000	93	17813	5.00	5.04	
103 N-Propylbenzene	91	9.302	9.308	-0.006	99	82631	5.00	4.87	
104 1,1,2,2-Tetrachloroethane	83	9.423	9.423	0.000	97	7931	5.00	4.87	
105 2-Chlorotoluene	91	9.442	9.441	0.001	96	58711	5.00	4.95	
106 4-Ethyltoluene	105	9.448	9.441	0.007	98	75500	5.00	4.98	
107 1,2,3-Trichloropropane	110	9.521	9.527	-0.006	86	3136	5.00	5.81	
108 1,3,5-Trimethylbenzene	105	9.551	9.557	-0.006	93	62930	5.00	4.76	
109 trans-1,4-Dichloro-2-buten	53	9.606	9.606	0.000	75	2540	5.00	4.86	
110 4-Chlorotoluene	91	9.630	9.630	0.000	97	52351	5.00	5.05	
111 tert-Butylbenzene	119	9.874	9.873	0.001	95	53764	5.00	4.76	
112 Butyl Methacrylate	87	9.934	9.934	0.000	90	17953	5.00	4.91	
113 1,2,4-Trimethylbenzene	105	9.953	9.952	0.001	97	66922	5.00	5.00	
114 sec-Butylbenzene	105	10.050	10.050	0.000	99	76069	5.00	4.75	
115 4-Isopropyltoluene	119	10.208	10.214	-0.006	98	71065	5.00	4.81	
116 1,3-Dichlorobenzene	146	10.220	10.220	0.000	95	35243	5.00	4.88	
* 117 1,4-Dichlorobenzene-d4	152	10.299	10.299	0.000	95	257489	50.0	50.0	
118 1,4-Dichlorobenzene	146	10.312	10.311	0.001	94	36750	5.00	5.11	
119 1,2,3-Trimethylbenzene	105	10.360	10.360	0.000	98	70796	5.00	4.85	
120 2,3-Dihydroindene	117	10.470	10.470	0.000	95	61115	5.00	4.88	
121 p-Diethylbenzene	119	10.555	10.555	0.000	94	38174	5.00	4.93	
122 Benzyl chloride	126	10.561	10.561	0.000	93	4602	5.00	4.86	
123 n-Butylbenzene	92	10.597	10.597	0.000	98	32031	5.00	4.94	
124 1,2-Dichlorobenzene	146	10.689	10.689	0.000	95	30985	5.00	4.85	
125 1,2,4,5-Tetramethylbenzene	119	11.248	11.248	0.000	96	73069	5.00	4.81	
126 1,2-Dibromo-3-Chloropropan	157	11.376	11.376	0.000	86	1843	5.00	5.31	
127 1,3,5-Trichlorobenzene	180	11.401	11.400	0.001	95	29417	5.00	4.73	
128 Hexachlorobutadiene	225	11.905	11.905	0.000	92	11443	5.00	4.92	
129 1,2,4-Trichlorobenzene	180	11.912	11.911	0.001	93	22511	5.00	4.62	
130 Naphthalene	128	12.155	12.155	0.000	100	29018	5.00	4.76	
131 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	96	15948	5.00	4.57	
S 132 1,2-Dichloroethene, Total	100				0		10.0	10.2	
S 133 Xylenes, Total	100				0		10.0	9.59	
S 134 Total BTEX	1				0		25.0	24.3	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00315	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00097	Amount Added:	10.00	Units: uL	
ACROLEIN W_00090	Amount Added:	4.00	Units: uL	
524freon_00006	Amount Added:	10.00	Units: uL	
8260SURR250_00195	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00128	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-May-2019 17:43:38 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D

Injection Date: 21-May-2019 19:16:30 Instrument ID: CVOAMS11 Operator ID:

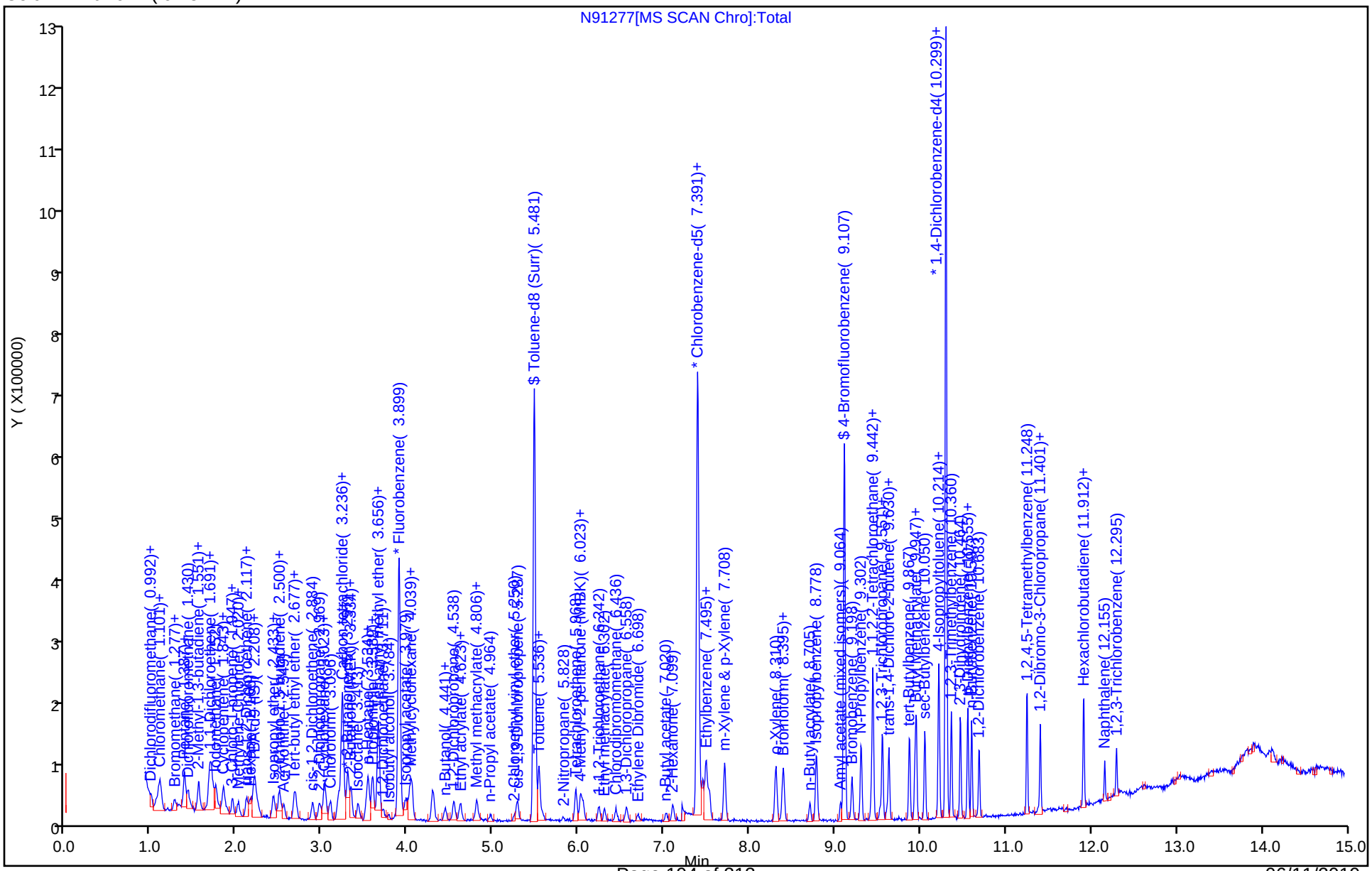
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

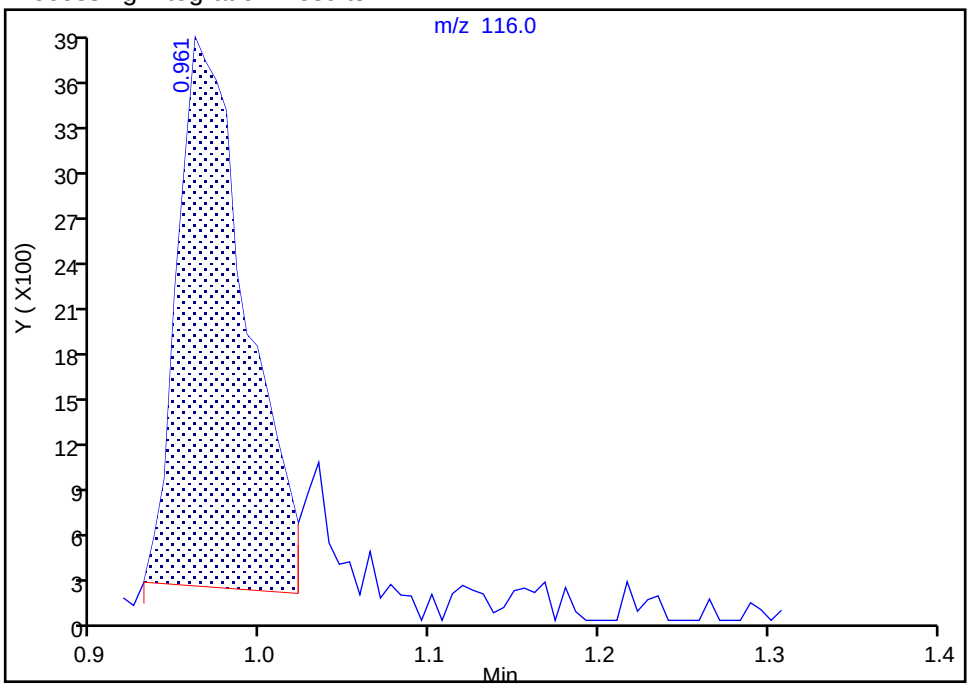
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D
Injection Date: 21-May-2019 19:16:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

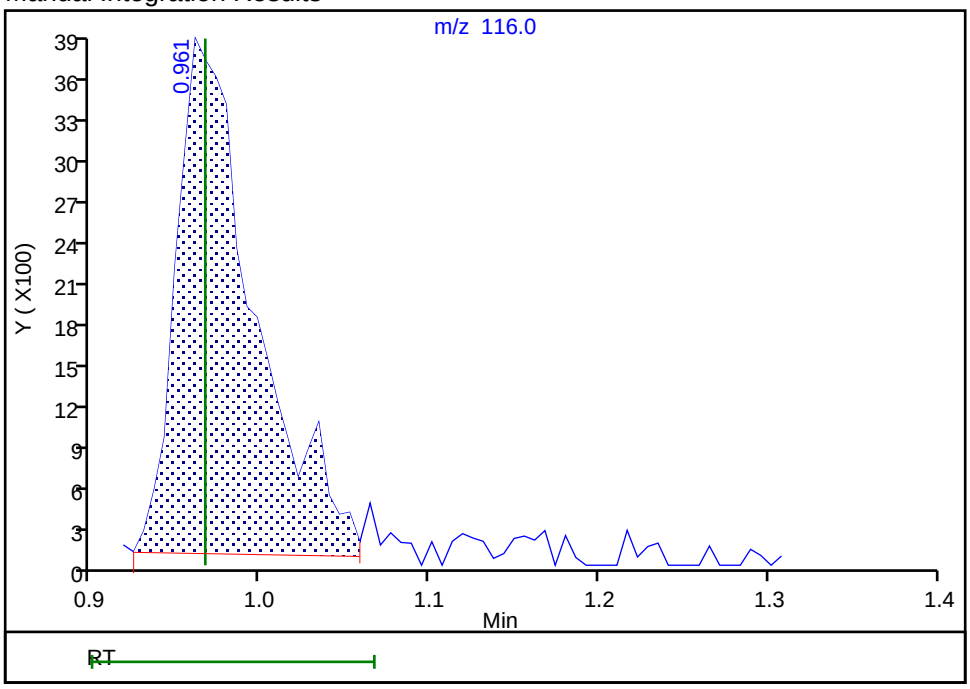
Processing Integration Results

RT: 0.96
Area: 10270
Amount: 1.207782
Amount Units: ug/l



Manual Integration Results

RT: 0.96
Area: 12103
Amount: 5.324004
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:30:55
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

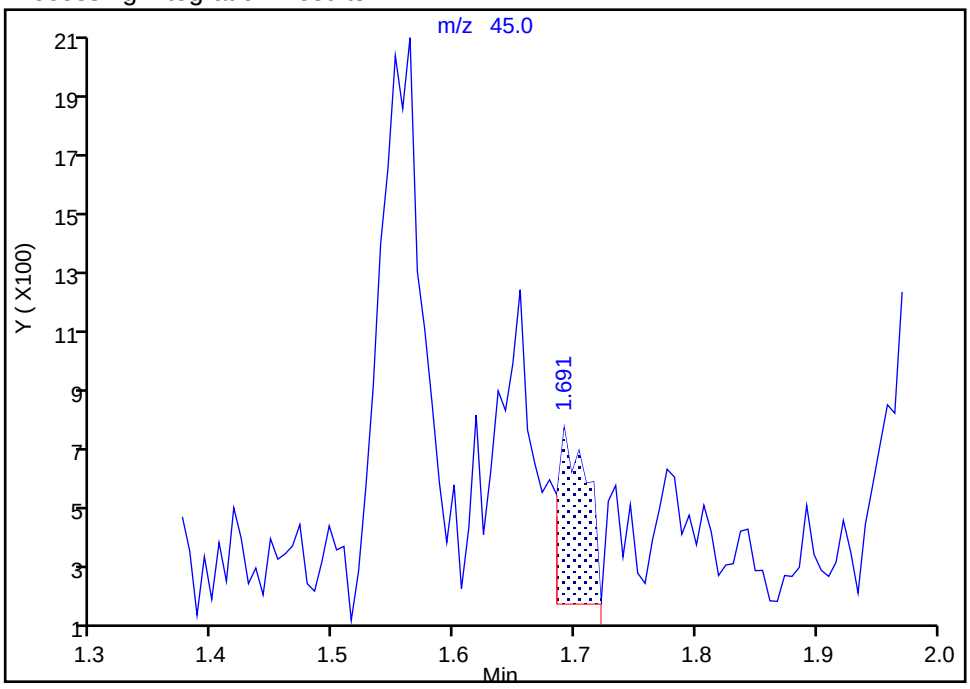
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D
Injection Date: 21-May-2019 19:16:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Ethanol, CAS: 64-17-5

Signal: 1

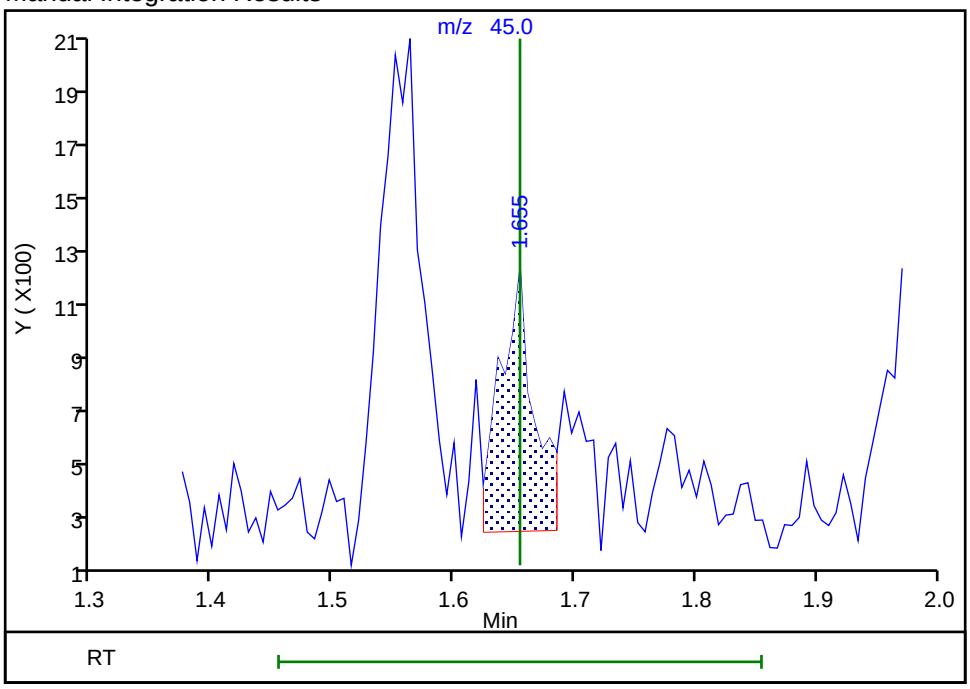
Processing Integration Results

RT: 1.69
Area: 983
Amount: 143.1486
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 1928
Amount: 185.0758
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 17:19:44
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

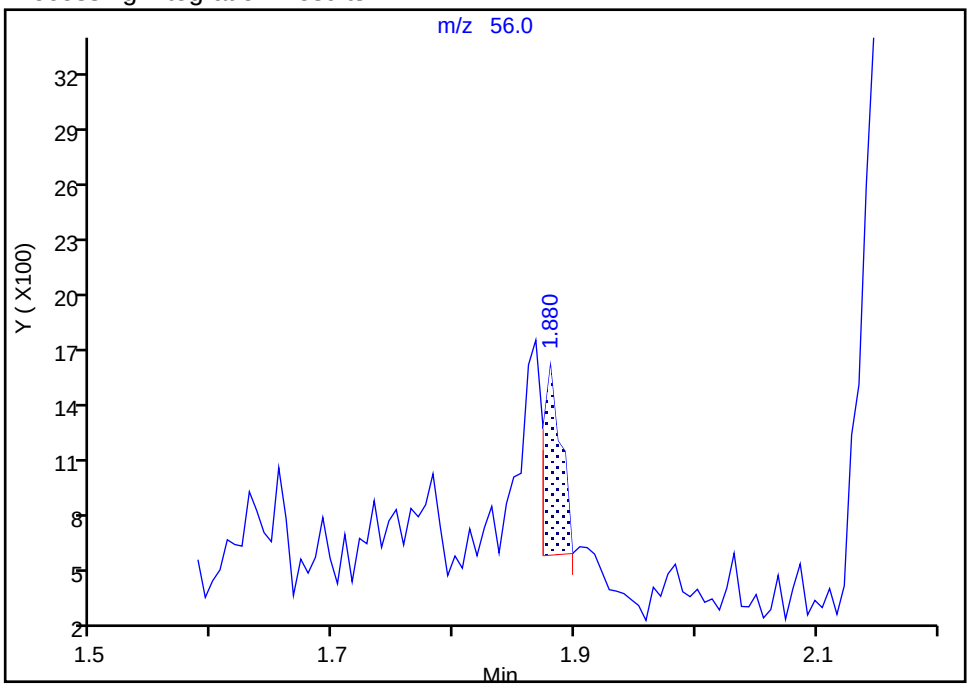
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D
Injection Date: 21-May-2019 19:16:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

20 Acrolein, CAS: 107-02-8

Signal: 1

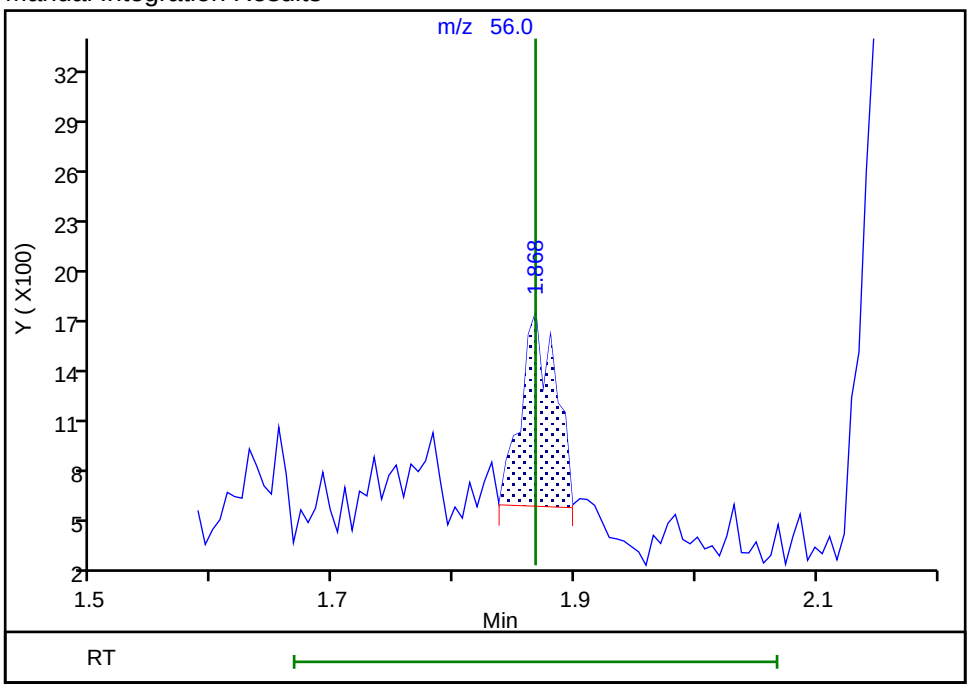
Processing Integration Results

RT: 1.88
Area: 1031
Amount: 8.514389
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 2235
Amount: 19.444829
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:31:40
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

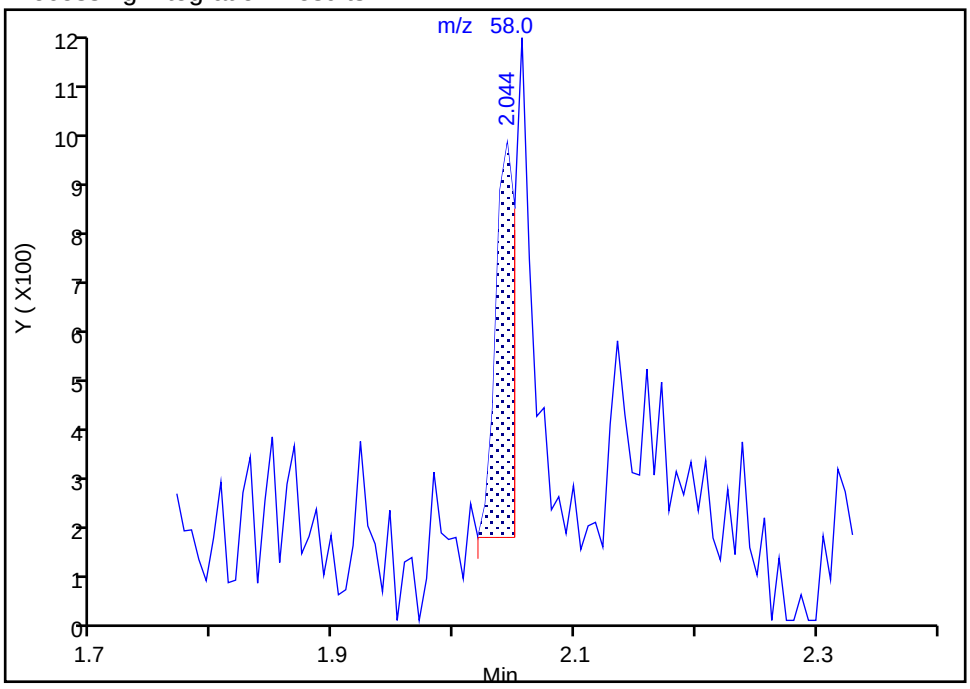
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D				
Injection Date:	21-May-2019 19:16:30	Instrument ID:	CVOAMS11		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

24 Acetone, CAS: 67-64-1

Signal: 1

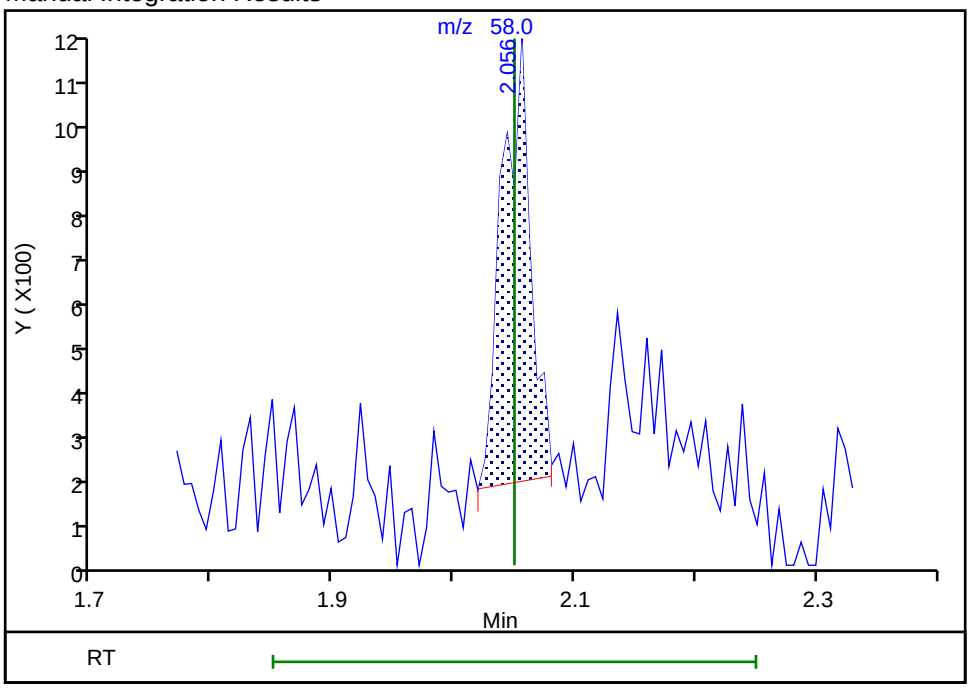
Processing Integration Results

RT: 2.04
Area: 896
Amount: 10.244988
Amount Units: ug/l



Manual Integration Results

RT: 2.06
Area: 1595
Amount: 21.123947
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:31:51

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

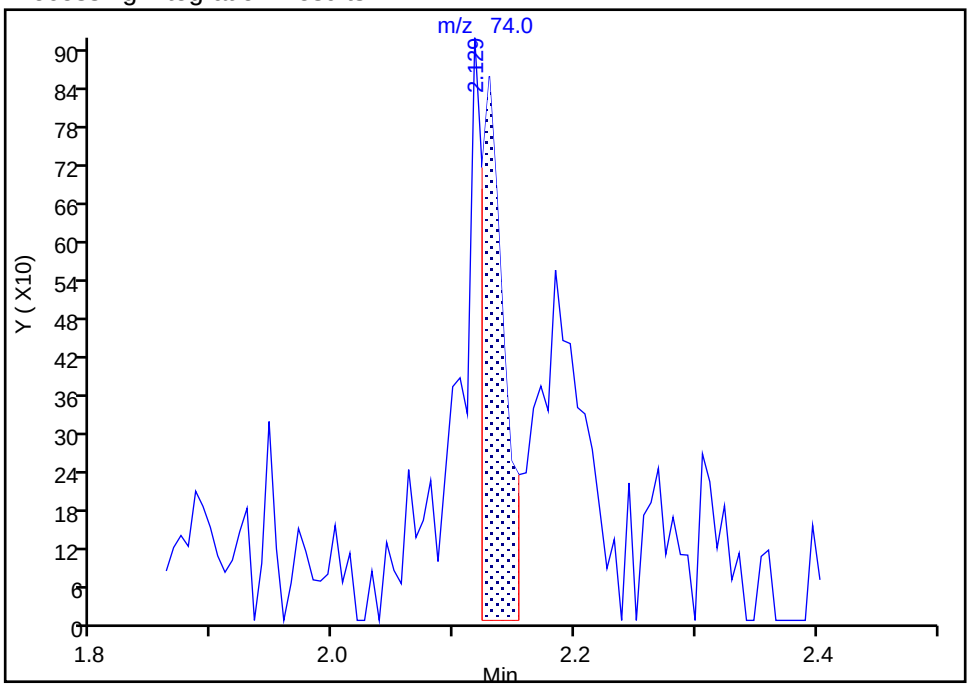
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D
Injection Date: 21-May-2019 19:16:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Methyl acetate, CAS: 79-20-9

Signal: 1

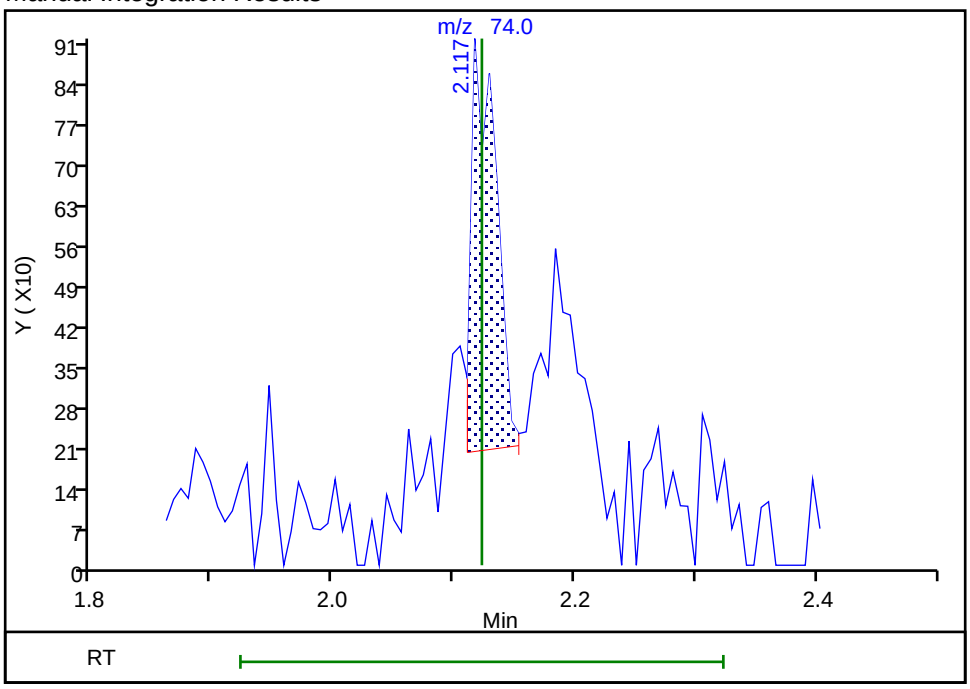
Processing Integration Results

RT: 2.13
Area: 1158
Amount: 7.232380
Amount Units: ug/l



Manual Integration Results

RT: 2.12
Area: 1020
Amount: 7.137741
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:32:13
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

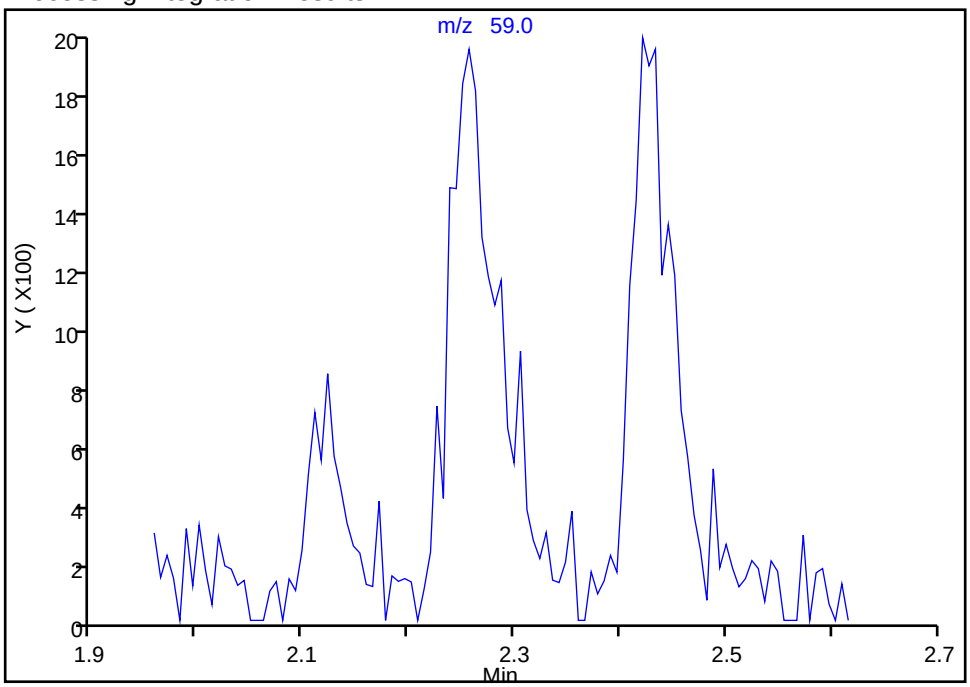
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D
Injection Date: 21-May-2019 19:16:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

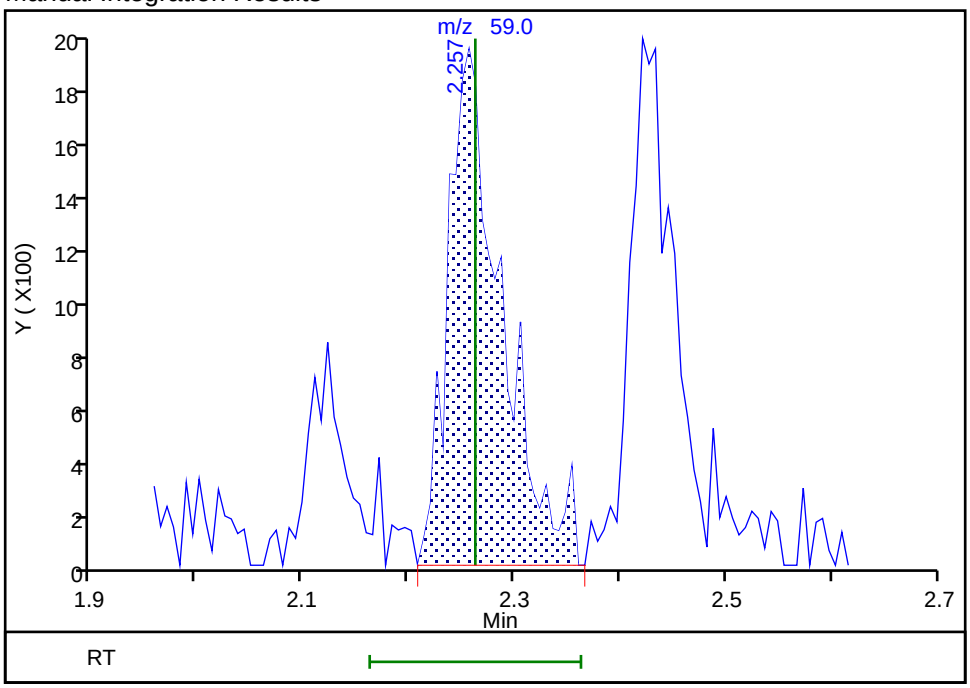
Not Detected
Expected RT: 2.26

Processing Integration Results



Manual Integration Results

RT: 2.26
Area: 6613
Amount: 54.590661
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:32:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

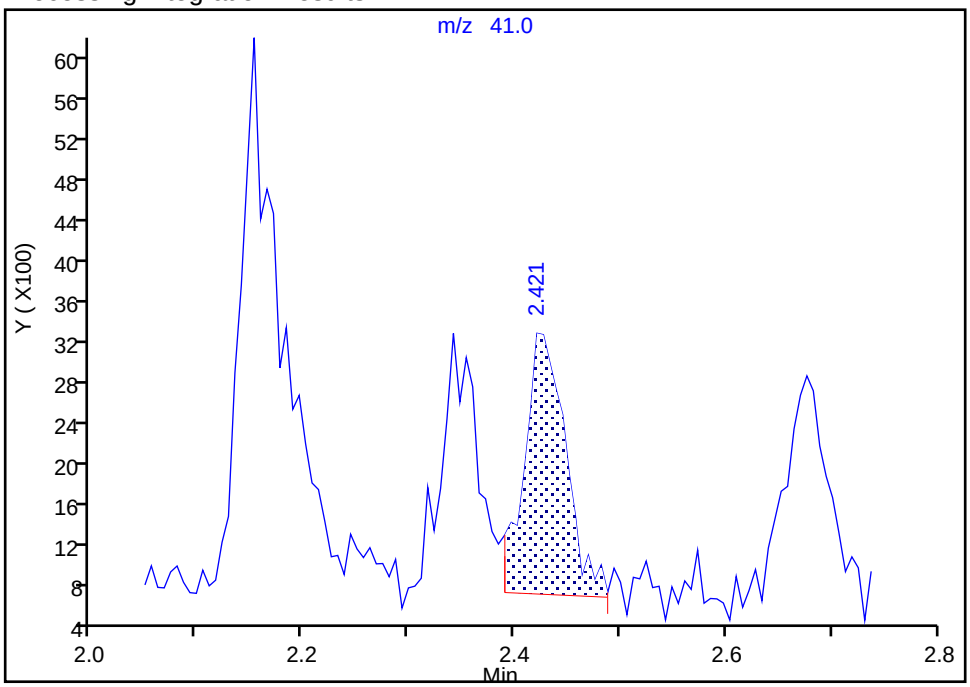
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D
Injection Date: 21-May-2019 19:16:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Acetonitrile, CAS: 75-05-8

Signal: 1

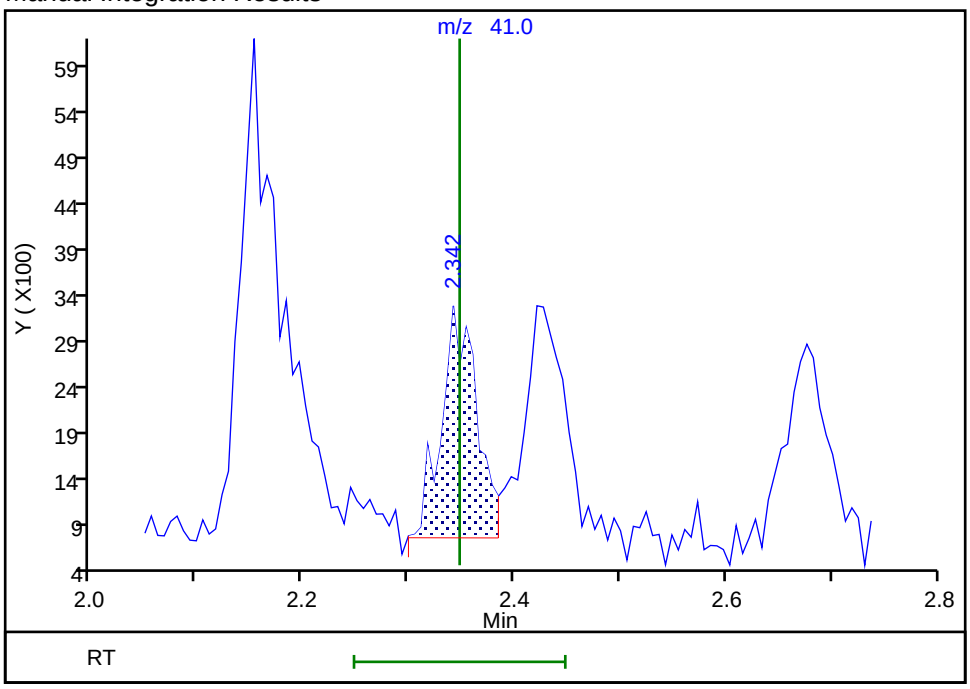
Processing Integration Results

RT: 2.42
Area: 6916
Amount: 64.151374
Amount Units: ug/l



Manual Integration Results

RT: 2.34
Area: 5775
Amount: 50.789073
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:32:33
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

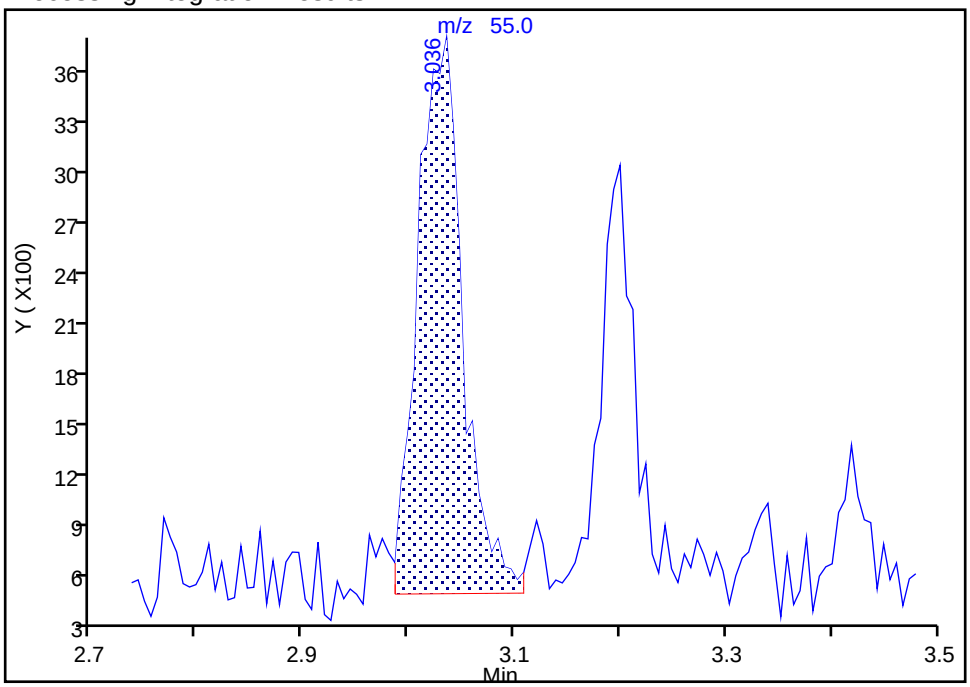
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D
Injection Date: 21-May-2019 19:16:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Methyl acrylate, CAS: 96-33-3

Signal: 1

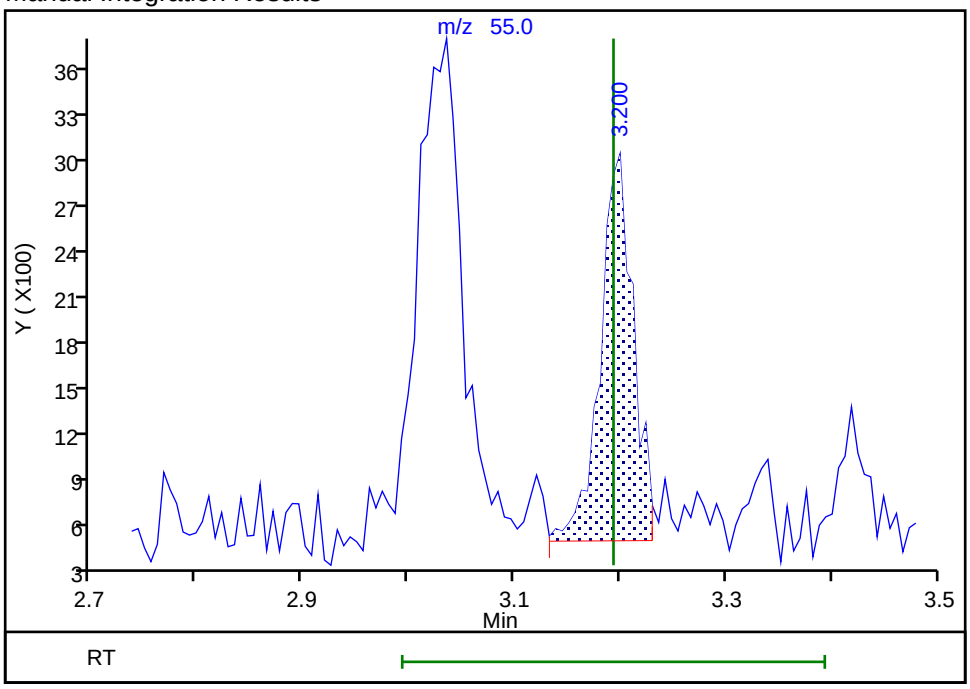
Processing Integration Results

RT: 3.04
Area: 9723
Amount: 9.982651
Amount Units: ug/l



Manual Integration Results

RT: 3.20
Area: 5483
Amount: 5.385108
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:32:55
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

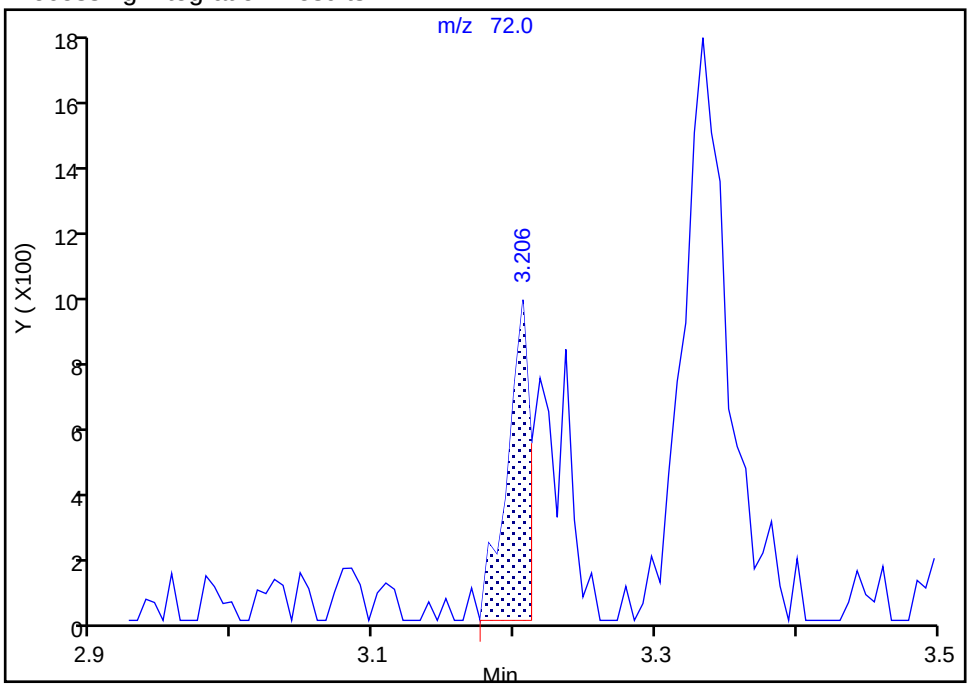
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D
Injection Date: 21-May-2019 19:16:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

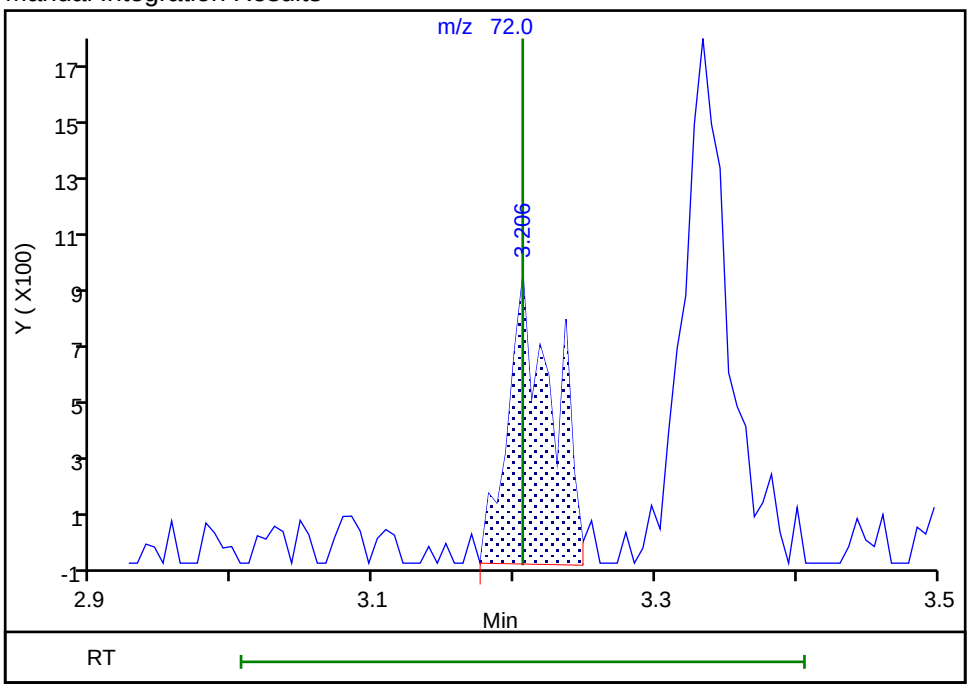
Processing Integration Results

RT: 3.21
Area: 1103
Amount: 7.470528
Amount Units: ug/l



Manual Integration Results

RT: 3.21
Area: 2168
Amount: 13.123027
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:33:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

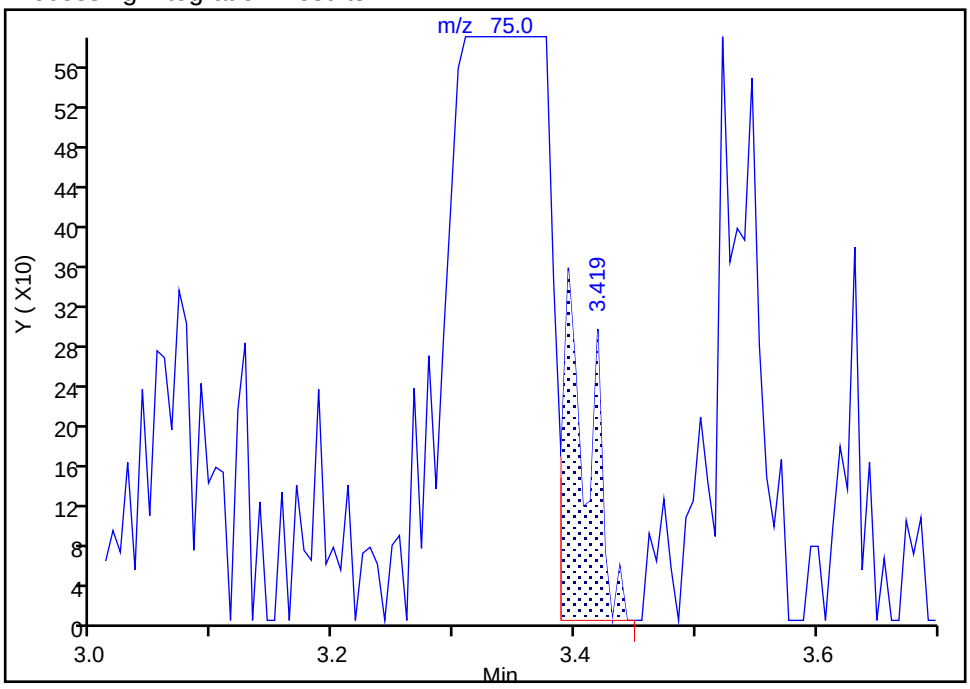
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D				
Injection Date:	21-May-2019 19:16:30	Instrument ID:	CVOAMS11		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

51 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

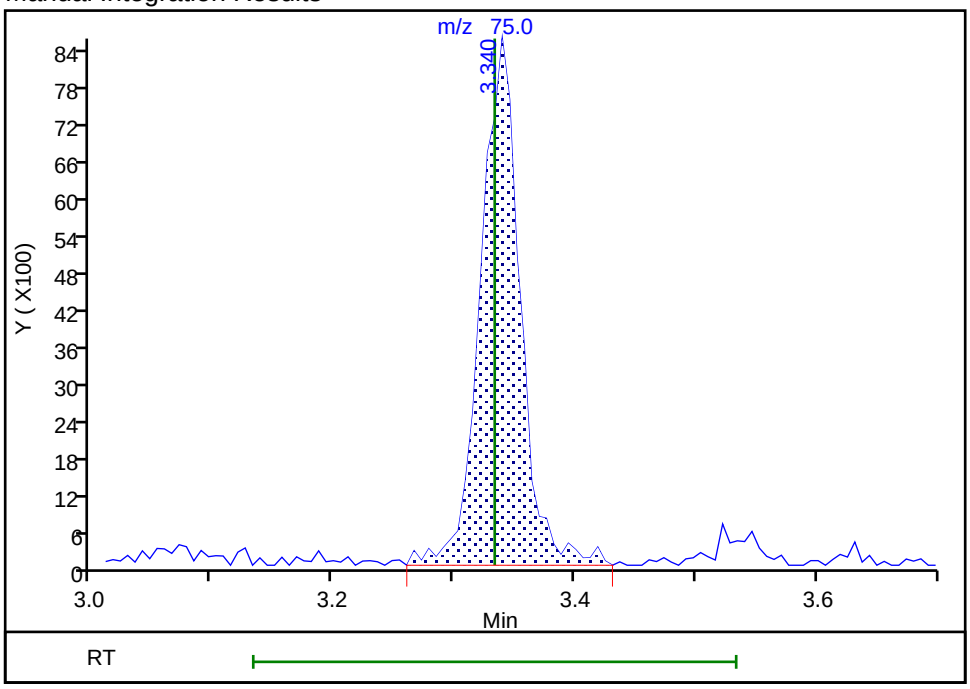
Processing Integration Results

RT: 3.42
Area: 523
Amount: 0.140155
Amount Units: ug/l



Manual Integration Results

RT: 3.34
Area: 19597
Amount: 5.025908
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:33:15

Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

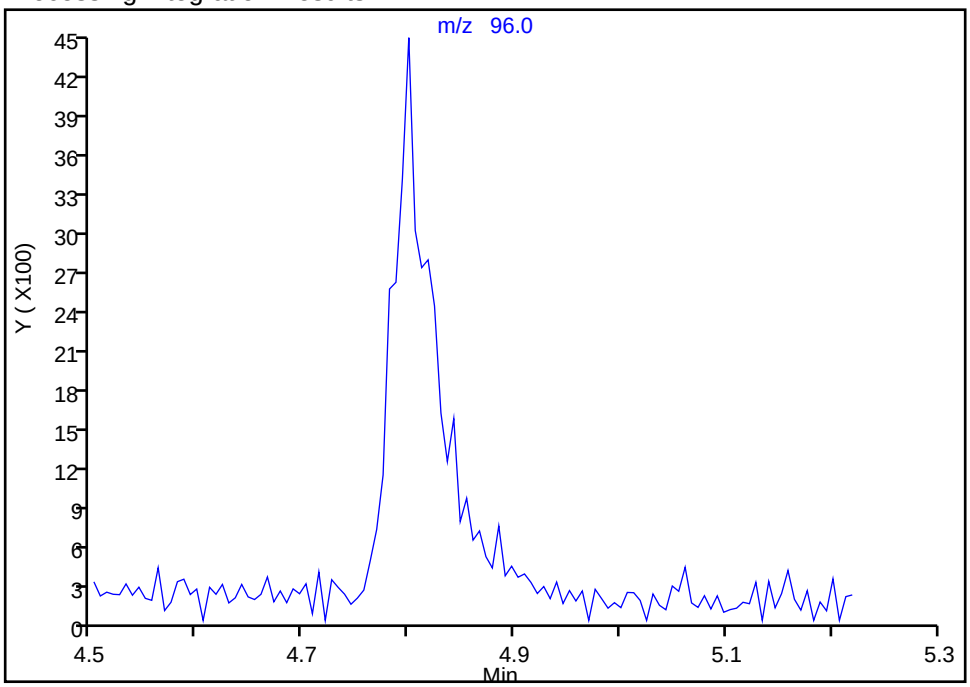
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D
Injection Date: 21-May-2019 19:16:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 70 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

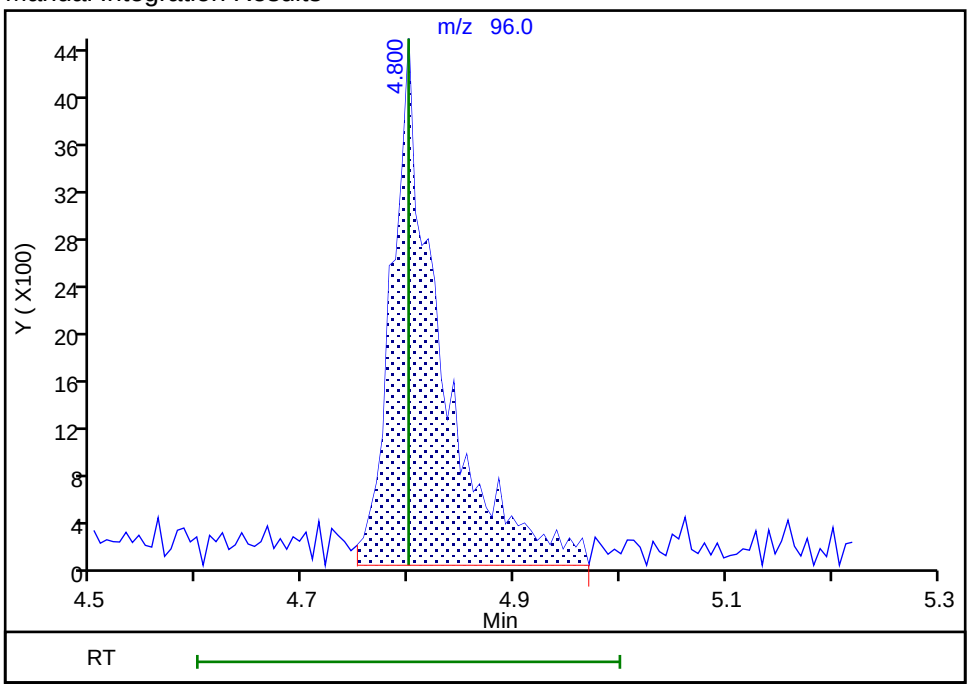
Not Detected
Expected RT: 4.80

Processing Integration Results



Manual Integration Results

RT: 4.80
Area: 14115
Amount: 1000.0000
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:30:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

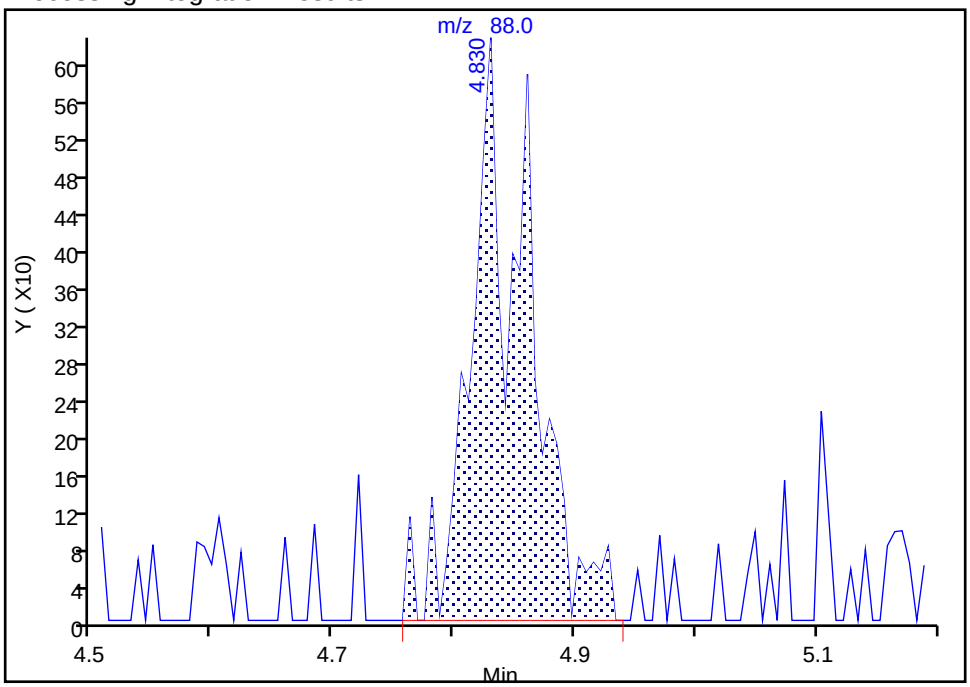
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91277.D
Injection Date: 21-May-2019 19:16:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

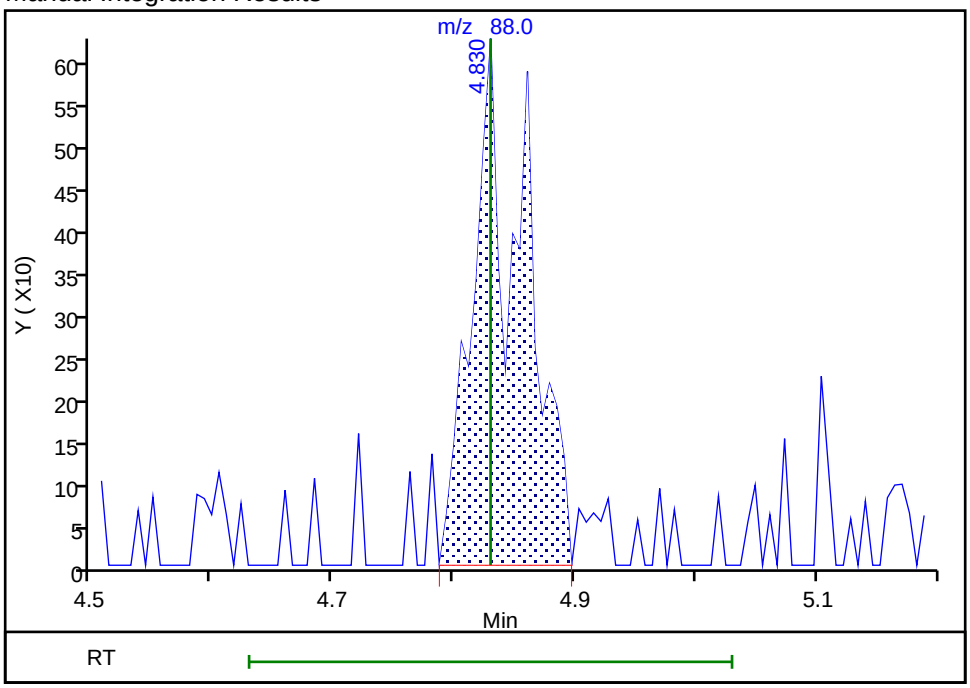
Processing Integration Results

RT: 4.83
Area: 2044
Amount: 208.3387
Amount Units: ug/l



Manual Integration Results

RT: 4.83
Area: 1842
Amount: 126.0796
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 17:20:37
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91278.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 21-May-2019 19:39:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0091538-006
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-May-2019 17:43:51 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0302

First Level Reviewer: boykink Date: 21-May-2019 20:36:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.973	0.973	0.000	85	49663	20.0	22.1	
2 Dichlorodifluoromethane	87	0.991	0.991	0.000	97	44427	20.0	22.2	
3 Chloromethane	52	1.071	1.071	0.000	99	42816	20.0	19.8	
4 Butadiene	54	1.101	1.101	0.000	93	77424	20.0	18.2	
5 Vinyl chloride	62	1.113	1.113	0.000	98	92760	20.0	19.1	
6 Bromomethane	94	1.283	1.283	0.000	97	60708	20.0	19.2	
7 Chloroethane	64	1.338	1.338	0.000	96	46907	20.0	19.2	
8 Pentane	72	1.393	1.393	0.000	96	15762	40.0	37.5	
9 Trichlorofluoromethane	101	1.399	1.399	0.000	84	103619	20.0	19.1	
10 Dichlorofluoromethane	67	1.436	1.436	0.000	98	107857	20.0	19.5	
11 2-Methyl-1,3-butadiene	53	1.557	1.557	0.000	96	40796	20.0	19.7	
12 Ethyl ether	59	1.557	1.557	0.000	54	25253	20.0	18.5	
13 Ethanol	45	1.655	1.655	0.000	54	8732	800.0	830.9	
14 1,1-Dichloroethene	96	1.679	1.679	0.000	98	42582	20.0	19.0	
15 1,2-Dichloro-1,1,2-trifluo	117	1.685	1.685	0.000	68	56010	20.0	20.7	
16 Carbon disulfide	76	1.697	1.697	0.000	99	155548	20.0	19.0	
17 1,1,2-Trichloro-1,2,2-trif	101	1.728	1.728	0.000	87	62676	20.0	19.8	
18 Iodomethane	142	1.764	1.764	0.000	99	86798	20.0	19.5	
19 Cyclopentene	67	1.849	1.849	0.000	98	110053	20.0	19.1	
20 Acrolein	56	1.880	1.880	0.000	31	4378	40.0	37.8	
21 3-Chloro-1-propene	76	1.953	1.953	0.000	90	27199	20.0	18.6	
22 Isopropyl alcohol	45	1.983	1.983	0.000	96	11193	200.0	198.6	a
23 Methylene Chloride	84	2.026	2.026	0.000	93	44498	20.0	18.7	
24 Acetone	58	2.050	2.050	0.000	87	7679	100.0	103.4	
25 trans-1,2-Dichloroethene	96	2.117	2.117	0.000	93	49032	20.0	19.4	
26 Methyl acetate	74	2.129	2.129	0.000	22	6342	40.0	44.0	a
27 Hexane	56	2.166	2.166	0.000	91	35151	20.0	20.5	
28 Methyl tert-butyl ether	73	2.190	2.190	0.000	94	103667	20.0	19.9	
* 29 TBA-d9 (IS)	65	2.214	2.214	0.000	75	106643	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.257	2.257	0.000	29	22404	200.0	183.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.354	2.354	0.000	99	20246	200.0	176.5	
32 Isopropyl ether	45	2.433	2.433	0.000	95	151565	20.0	19.3	
33 2-Chloro-1,3-butadiene	88	2.500	2.500	0.000	90	48327	20.0	20.1	
34 1,1-Dichloroethane	63	2.512	2.512	0.000	99	83293	20.0	19.1	
35 Acrylonitrile	53	2.555	2.555	0.000	94	70755	200.0	202.1	
36 Tert-butyl ethyl ether	59	2.683	2.683	0.000	89	135611	20.0	19.7	
37 Vinyl acetate	86	2.695	2.695	0.000	100	12215	40.0	36.8	
38 cis-1,2-Dichloroethene	96	2.890	2.890	0.000	98	52813	20.0	19.4	
39 2,2-Dichloropropane	79	2.975	2.975	0.000	97	29237	20.0	17.8	
40 Cyclohexane	84	3.036	3.036	0.000	85	88713	20.0	19.2	
41 Chlorobromomethane	128	3.036	3.036	0.000	69	23765	20.0	20.6	
42 Chloroform	83	3.096	3.096	0.000	99	86984	20.0	19.6	
43 Carbon tetrachloride	117	3.194	3.194	0.000	98	99099	20.0	19.0	
44 Ethyl acetate	70	3.200	3.200	0.000	92	6262	40.0	44.6	
45 Methyl acrylate	55	3.200	3.200	0.000	64	18528	20.0	18.4	
46 Tetrahydrofuran	72	3.206	3.206	0.000	81	6160	40.0	37.9	
$ 47 Dibromofluoromethane (Surr	113	3.236	3.236	0.000	98	108939	50.0	51.2	
48 1,1,1-Trichloroethane	97	3.255	3.255	0.000	65	96258	20.0	19.5	
* 49 2-Butanone-d5	46	3.303	3.303	0.000	0	90321	250.0	250.0	
51 1,1-Dichloropropene	75	3.346	3.346	0.000	94	73477	20.0	19.0	
50 2-Butanone (MEK)	72	3.340	3.340	0.000	67	15885	100.0	99.5	
52 Isooctane	57	3.431	3.431	0.000	98	102336	20.0	18.1	
53 n-Heptane	57	3.516	3.516	0.000	92	27258	20.0	17.9	
54 Benzene	78	3.547	3.547	0.000	96	212998	20.0	20.3	
55 Propionitrile	54	3.577	3.577	0.000	97	25584	200.0	183.8	
56 Methacrylonitrile	67	3.589	3.589	0.000	92	90382	200.0	203.2	
57 Tert-amyl methyl ether	73	3.656	3.656	0.000	98	120850	20.0	19.9	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.662	3.662	0.000	97	101108	50.0	53.3	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	98	52044	20.0	19.7	
60 Isobutyl alcohol	43	3.778	3.778	0.000	97	21614	500.0	508.9	
* 61 Fluorobenzene	96	3.899	3.899	0.000	99	392867	50.0	50.0	
62 Isopropyl acetate	43	3.966	3.966	0.000	97	48555	20.0	20.6	
63 Methylcyclohexane	83	4.033	4.033	0.000	95	88035	20.0	19.5	
64 Trichloroethene	95	4.051	4.051	0.000	95	56888	20.0	19.2	
65 n-Butanol	56	4.429	4.429	0.000	89	12652	500.0	464.0	
66 Dibromomethane	93	4.441	4.441	0.000	92	21122	20.0	20.0	
67 1,2-Dichloropropane	63	4.544	4.544	0.000	85	47472	20.0	19.2	
68 Ethyl acrylate	55	4.605	4.605	0.000	98	32696	20.0	19.4	
69 Dichlorobromomethane	83	4.623	4.623	0.000	99	65665	20.0	20.2	
* 70 1,4-Dioxane-d8	96	4.800	4.800	0.000	91	12401	1000.0	1000.0	
71 Methyl methacrylate	100	4.812	4.812	0.000	87	16009	40.0	37.5	
72 1,4-Dioxane	88	4.842	4.842	0.000	81	4536	400.0	353.4	
73 n-Propyl acetate	43	4.970	4.970	0.000	98	32936	20.0	18.9	
74 2-Chloroethyl vinyl ether	63	5.250	5.250	0.000	96	18576	20.0	19.4	
75 cis-1,3-Dichloropropene	75	5.286	5.286	0.000	92	76667	20.0	20.3	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	100	498583	50.0	51.1	
77 Toluene	91	5.542	5.542	0.000	93	252444	20.0	20.4	
78 Epichlorohydrin	57	5.578	5.578	0.000	99	44668	400.0	392.7	
79 2-Nitropropane	41	5.822	5.822	0.000	97	11560	40.0	35.5	
80 Tetrachloroethene	166	5.968	5.968	0.000	98	65896	20.0	19.8	
81 4-Methyl-2-pentanone (MIBK	43	6.029	6.029	0.000	95	113716	100.0	101.1	
82 trans-1,3-Dichloropropene	75	6.053	6.053	0.000	95	64238	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.242	6.242	0.000	94	24667	20.0	19.4	
84 Ethyl methacrylate	69	6.302	6.302	0.000	86	42687	20.0	20.3	
85 Chlorodibromomethane	129	6.442	6.442	0.000	97	42474	20.0	20.4	
86 1,3-Dichloropropane	76	6.564	6.564	0.000	93	53376	20.0	20.1	
87 Ethylene Dibromide	107	6.698	6.698	0.000	97	30087	20.0	19.8	
88 n-Butyl acetate	43	7.026	7.026	0.000	98	40902	20.0	19.7	a
89 2-Hexanone	58	7.099	7.099	0.000	94	41279	100.0	95.9	
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	85	414900	50.0	50.0	
91 Chlorobenzene	112	7.416	7.416	0.000	94	157795	20.0	19.8	
92 Ethylbenzene	106	7.495	7.495	0.000	98	91741	20.0	20.4	
93 1,1,1,2-Tetrachloroethane	131	7.531	7.531	0.000	93	64182	20.0	20.2	
94 m-Xylene & p-Xylene	106	7.714	7.714	0.000	0	112210	20.0	20.3	
95 o-Xylene	106	8.310	8.310	0.000	94	113117	20.0	20.5	
96 Bromoform	173	8.389	8.389	0.000	36	26336	20.0	20.5	
97 Styrene	104	8.395	8.395	0.000	94	172576	20.0	20.4	
98 n-Butyl acrylate	73	8.705	8.705	0.000	98	25638	20.0	19.5	
99 Isopropylbenzene	105	8.785	8.785	0.000	96	308659	20.0	20.3	
100 Amyl acetate (mixed isomer	43	9.064	9.064	0.000	91	55986	20.0	19.2	
$ 101 4-Bromofluorobenzene	174	9.113	9.113	0.000	95	174917	50.0	51.2	
102 Bromobenzene	156	9.198	9.198	0.000	92	70163	20.0	20.3	
103 N-Propylbenzene	91	9.308	9.308	0.000	99	343765	20.0	20.7	
104 1,1,2,2-Tetrachloroethane	83	9.423	9.423	0.000	95	32822	20.0	20.6	
105 2-Chlorotoluene	91	9.442	9.442	0.000	97	234659	20.0	20.2	
106 4-Ethyltoluene	105	9.448	9.448	0.000	98	303671	20.0	20.4	
107 1,2,3-Trichloropropane	110	9.527	9.527	0.000	95	10403	20.0	19.7	
108 1,3,5-Trimethylbenzene	105	9.551	9.551	0.000	94	263398	20.0	20.3	
109 trans-1,4-Dichloro-2-buten	53	9.606	9.606	0.000	93	9792	20.0	19.2	
110 4-Chlorotoluene	91	9.630	9.630	0.000	97	211112	20.0	20.8	
111 tert-Butylbenzene	119	9.873	9.873	0.000	95	223022	20.0	20.2	
112 Butyl Methacrylate	87	9.934	9.934	0.000	91	72360	20.0	20.2	
113 1,2,4-Trimethylbenzene	105	9.953	9.953	0.000	97	266199	20.0	20.3	
114 sec-Butylbenzene	105	10.050	10.050	0.000	99	320276	20.0	20.4	
115 4-Isopropyltoluene	119	10.214	10.214	0.000	98	287797	20.0	19.9	
116 1,3-Dichlorobenzene	146	10.220	10.220	0.000	98	143273	20.0	20.3	
* 117 1,4-Dichlorobenzene-d4	152	10.299	10.299	0.000	94	252366	50.0	50.0	
118 1,4-Dichlorobenzene	146	10.311	10.311	0.000	96	143682	20.0	20.4	
119 1,2,3-Trimethylbenzene	105	10.360	10.360	0.000	98	285151	20.0	19.9	
120 2,3-Dihydroindene	117	10.470	10.470	0.000	94	249094	20.0	20.3	
121 p-Diethylbenzene	119	10.555	10.555	0.000	94	149752	20.0	19.7	
122 Benzyl chloride	126	10.561	10.561	0.000	96	16880	20.0	18.2	
123 n-Butylbenzene	92	10.597	10.597	0.000	98	126789	20.0	19.9	
124 1,2-Dichlorobenzene	146	10.689	10.689	0.000	97	130447	20.0	20.8	
125 1,2,4,5-Tetramethylbenzene	119	11.248	11.248	0.000	98	286647	20.0	19.3	
126 1,2-Dibromo-3-Chloropropan	157	11.382	11.382	0.000	86	7320	20.0	21.4	
127 1,3,5-Trichlorobenzene	180	11.400	11.400	0.000	97	115950	20.0	19.0	
128 Hexachlorobutadiene	225	11.905	11.905	0.000	94	43887	20.0	19.3	
129 1,2,4-Trichlorobenzene	180	11.911	11.911	0.000	94	87799	20.0	18.4	
130 Naphthalene	128	12.155	12.155	0.000	99	114171	20.0	19.1	
131 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	96	64897	20.0	19.0	
S 132 1,2-Dichloroethene, Total	100				0		40.0	38.8	
S 133 Xylenes, Total	100				0		40.0	40.8	
S 134 Total BTEX	1				0		100.0	101.9	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00315	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00097	Amount Added:	20.00	Units: uL	
ACROLEIN W_00090	Amount Added:	4.00	Units: uL	
524freon_00006	Amount Added:	20.00	Units: uL	
8260SURR250_00195	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00128	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-May-2019 17:43:52 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91278.D

Injection Date: 21-May-2019 19:39:30 Instrument ID: CVOAMS11 Operator ID:

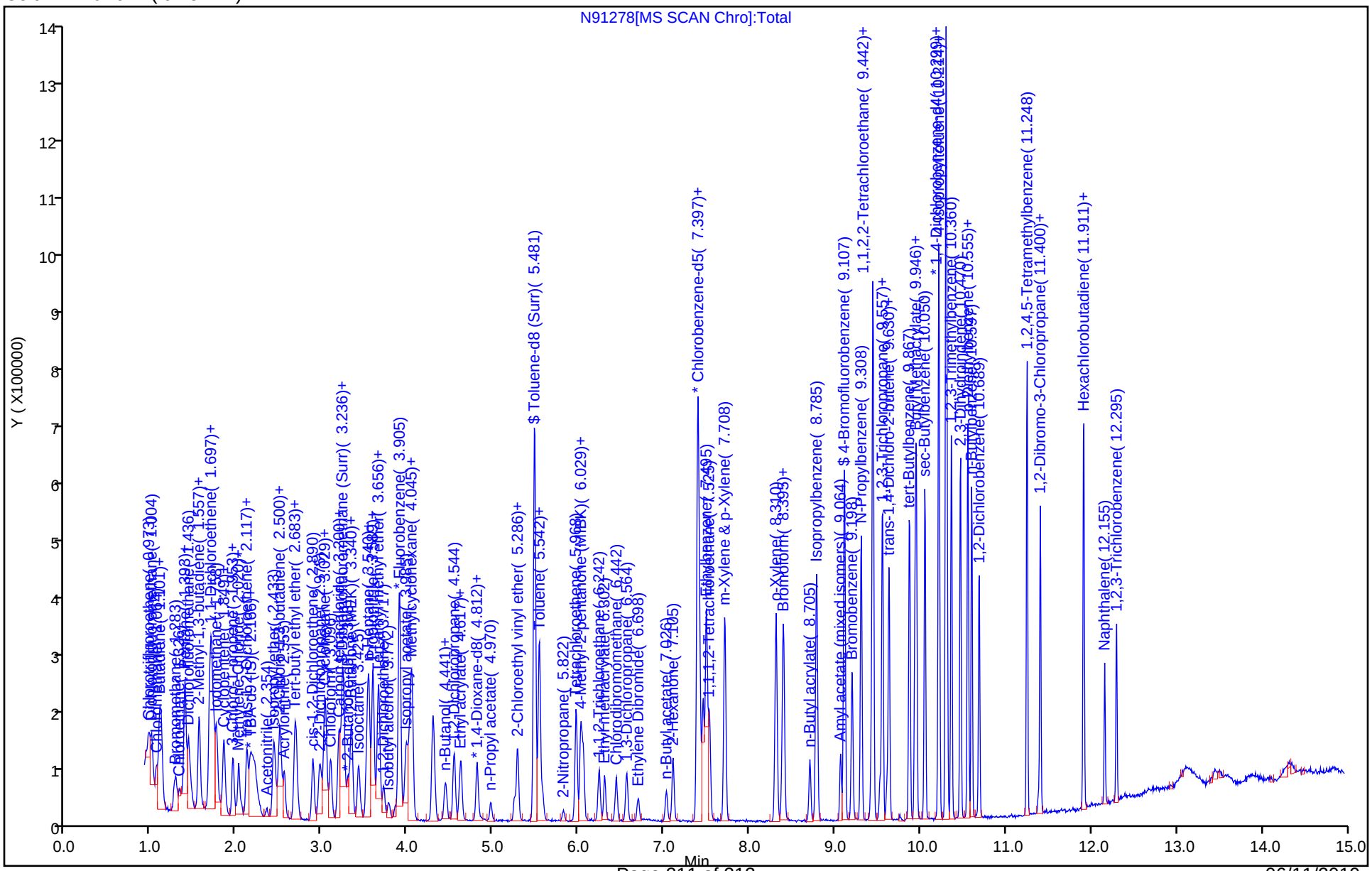
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

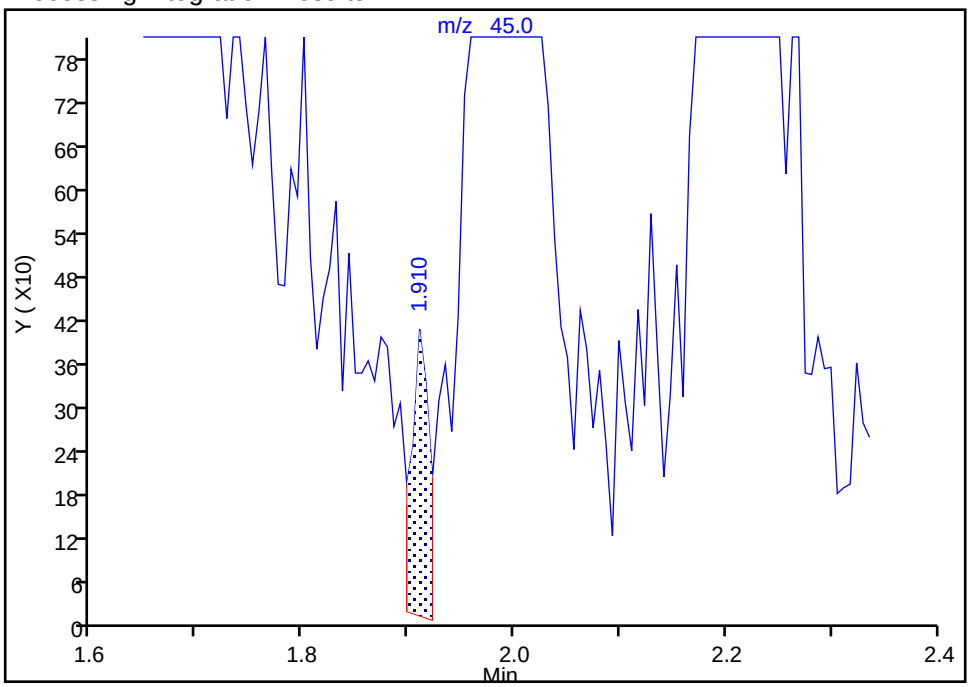
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91278.D
Injection Date: 21-May-2019 19:39:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

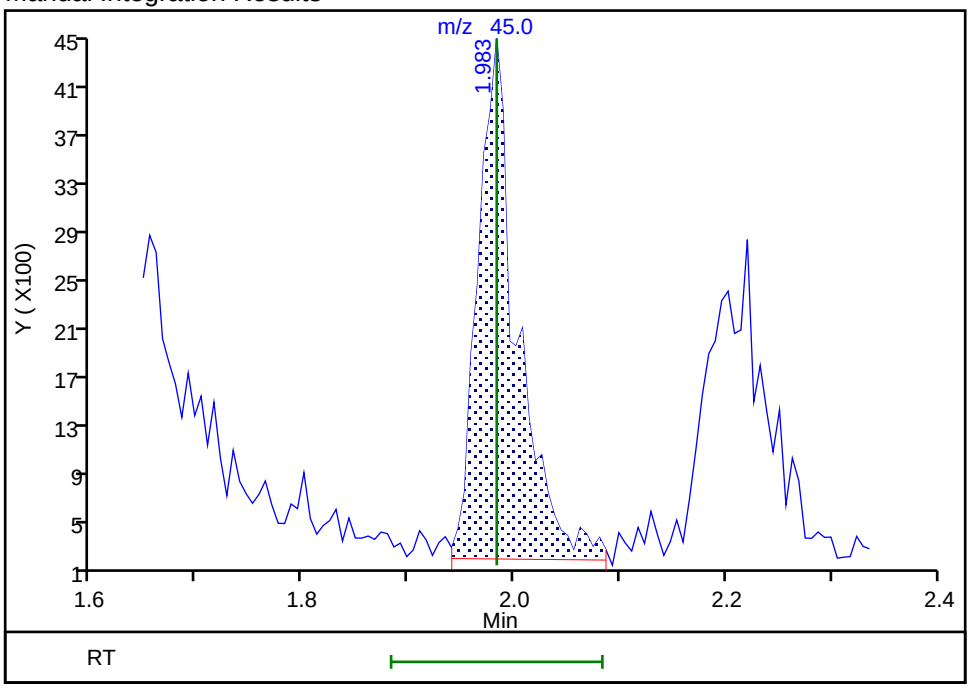
Processing Integration Results

RT: 1.91
Area: 487
Amount: 8.940208
Amount Units: ug/l



Manual Integration Results

RT: 1.98
Area: 11193
Amount: 198.5980
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:24:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

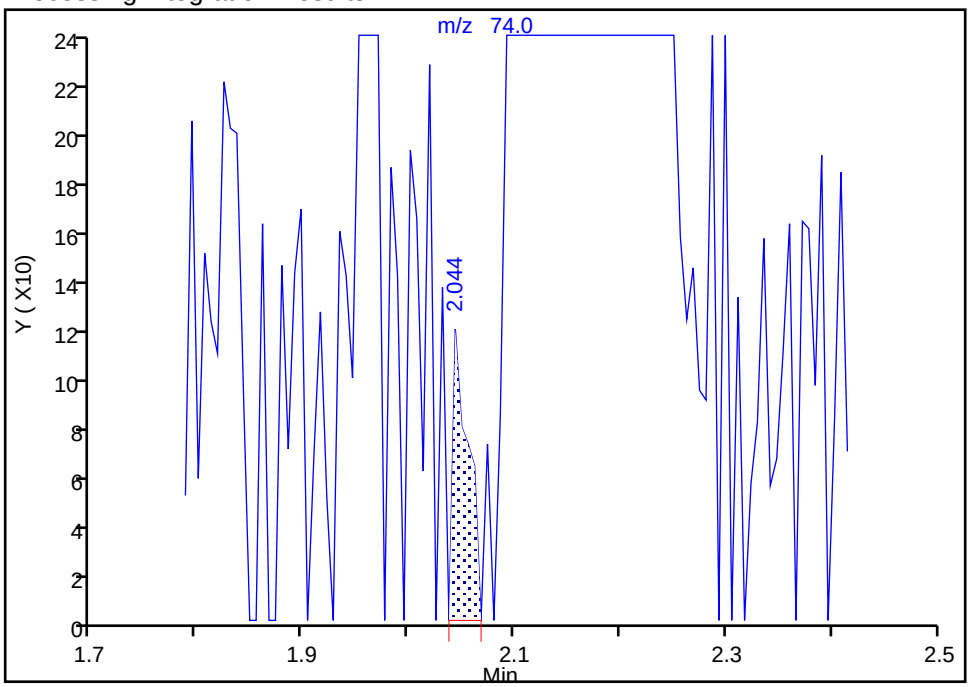
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91278.D				
Injection Date:	21-May-2019 19:39:30	Instrument ID:	CVOAMS11		
Lims ID:	STD20				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

26 Methyl acetate, CAS: 79-20-9

Signal: 1

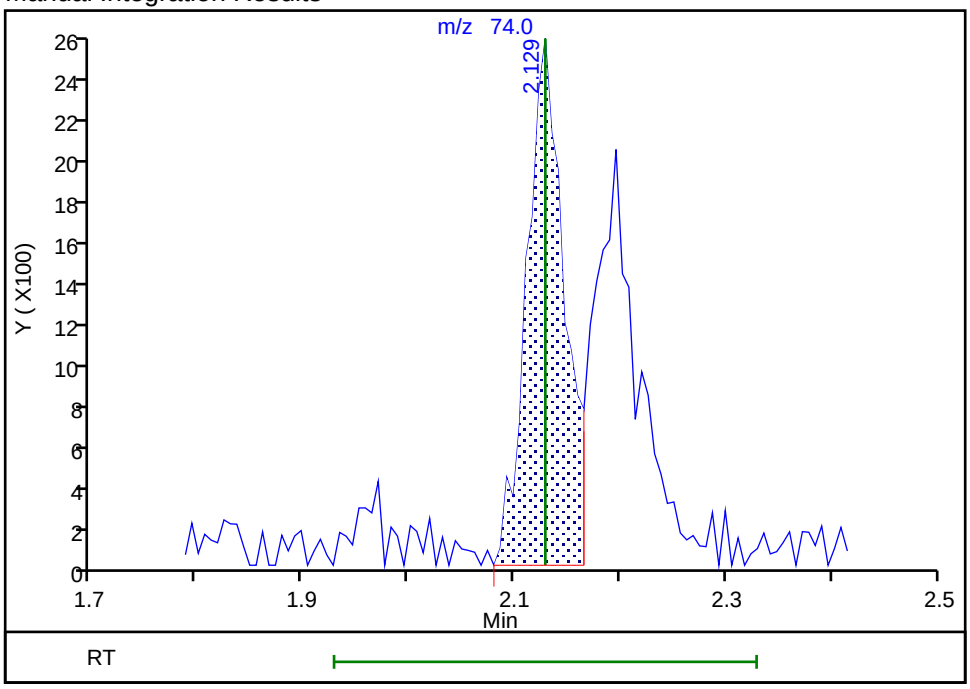
Processing Integration Results

RT: 2.04
Area: 122
Amount: 0.771707
Amount Units: ug/l



Manual Integration Results

RT: 2.13
Area: 6342
Amount: 43.993348
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:24:45

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

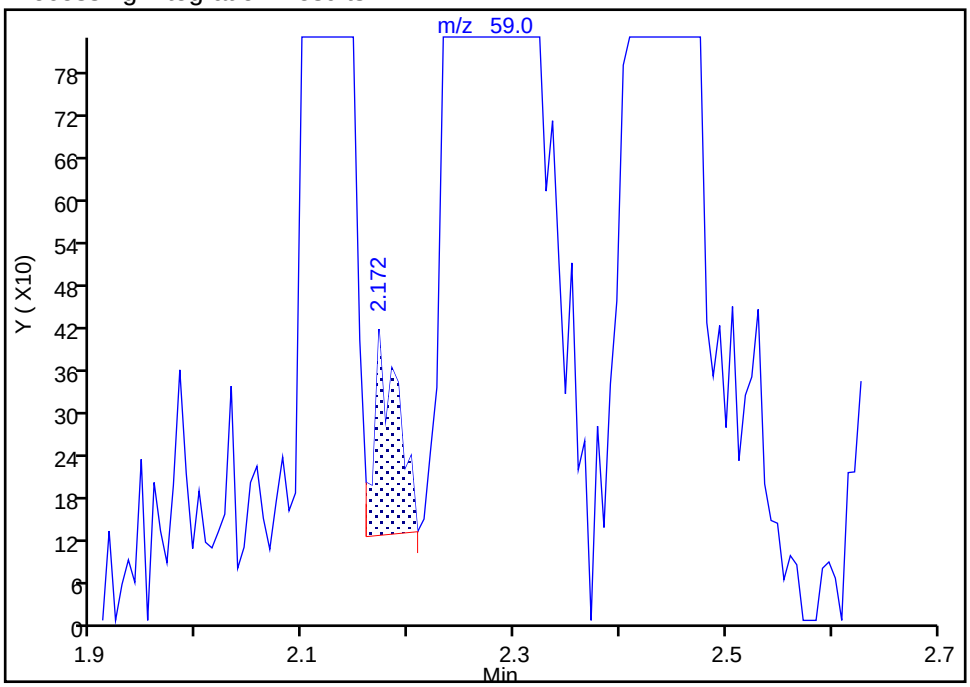
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91278.D				
Injection Date:	21-May-2019 19:39:30	Instrument ID:	CVOAMS11		
Lims ID:	STD20				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

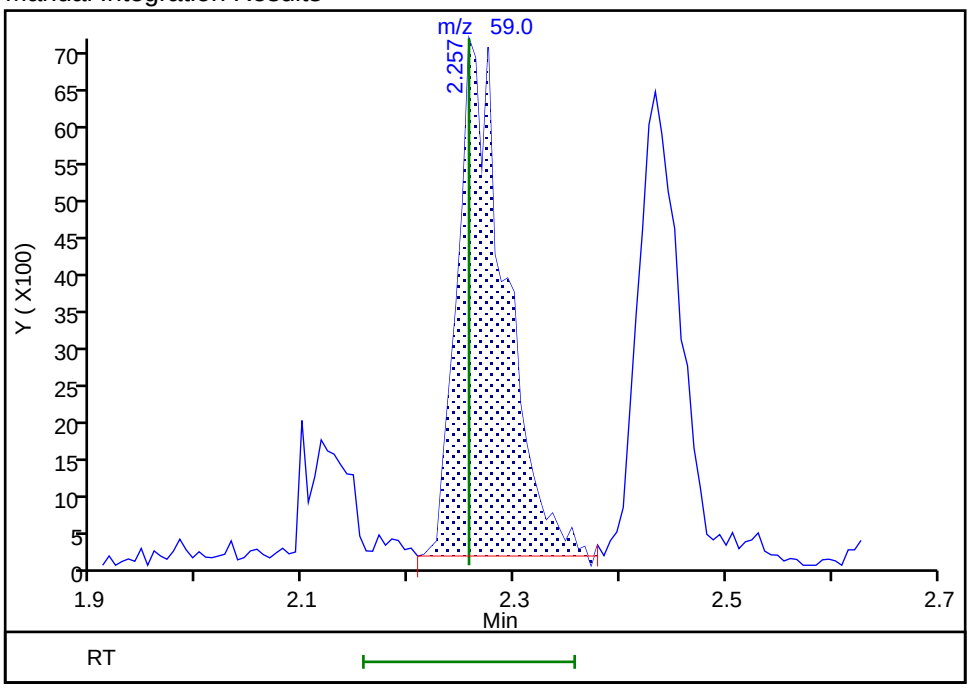
Processing Integration Results

RT: 2.17
Area: 454
Amount: 4.034774
Amount Units: ug/l



Manual Integration Results

RT: 2.26
Area: 22404
Amount: 183.3351
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:24:54

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

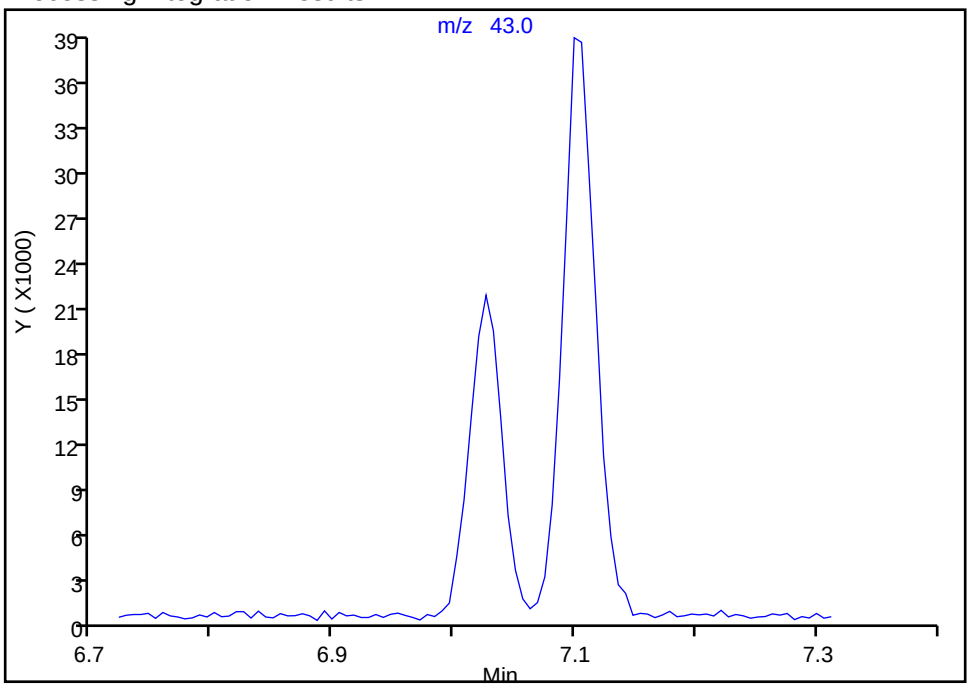
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91278.D
Injection Date: 21-May-2019 19:39:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 n-Butyl acetate, CAS: 123-86-4

Signal: 1

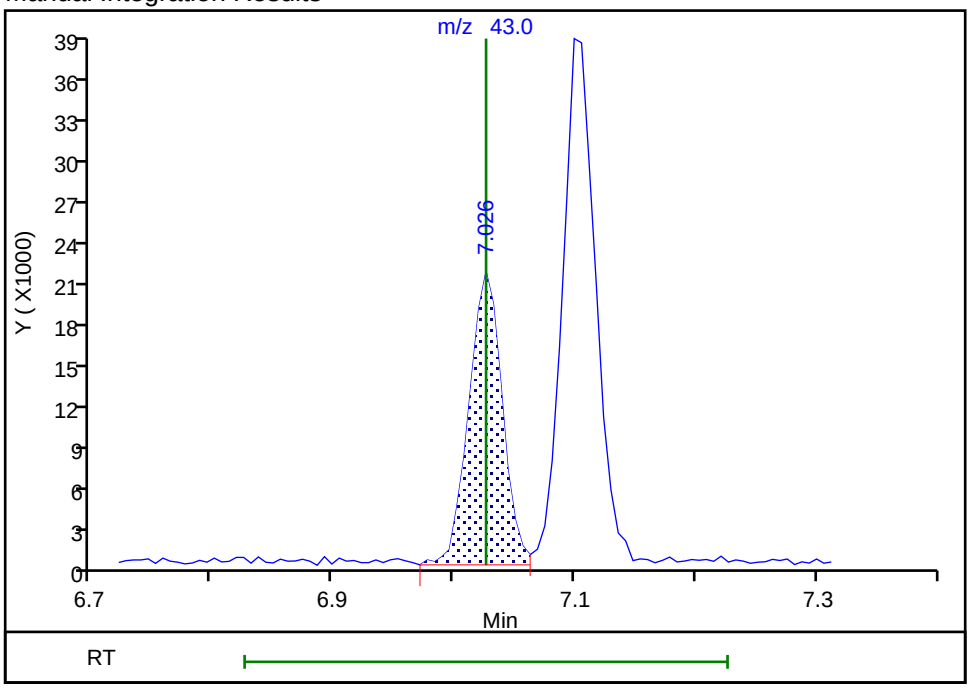
Not Detected
Expected RT: 7.03

Processing Integration Results



Manual Integration Results

RT: 7.03
Area: 40902
Amount: 19.685661
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:25:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91279.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 21-May-2019 20:01:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0091538-007
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-May-2019 17:44:04 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0302

First Level Reviewer: boykink Date: 21-May-2019 20:37:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.967	0.967	0.000	87	128569	50.0	57.3	
2 Dichlorodifluoromethane	87	0.979	0.979	0.000	97	104502	50.0	52.3	
3 Chloromethane	52	1.058	1.058	0.000	99	107697	50.0	50.2	
4 Butadiene	54	1.095	1.095	0.000	94	189968	50.0	44.6	
5 Vinyl chloride	62	1.107	1.107	0.000	97	233337	50.0	48.1	
6 Bromomethane	94	1.283	1.283	0.000	99	146276	50.0	46.3	
7 Chloroethane	64	1.332	1.332	0.000	97	115688	50.0	47.4	
8 Pentane	72	1.387	1.387	0.000	97	40430	100.0	95.8	
9 Trichlorofluoromethane	101	1.405	1.405	0.000	97	259369	50.0	48.0	
10 Dichlorofluoromethane	67	1.435	1.435	0.000	98	270662	50.0	48.9	
11 2-Methyl-1,3-butadiene	53	1.551	1.551	0.000	96	103735	50.0	50.2	
12 Ethyl ether	59	1.557	1.557	0.000	57	62493	50.0	45.9	
13 Ethanol	45	1.654	1.654	0.000	46	16129	2000.0	1529.4	
14 1,1-Dichloroethene	96	1.679	1.679	0.000	99	106119	50.0	47.4	
15 1,2-Dichloro-1,1,2-trifluo	117	1.679	1.679	0.000	64	134189	50.0	49.7	a
16 Carbon disulfide	76	1.691	1.691	0.000	100	405348	50.0	49.5	
17 1,1,2-Trichloro-1,2,2-trif	101	1.721	1.721	0.000	93	156149	50.0	49.5	
18 Iodomethane	142	1.764	1.764	0.000	98	220003	50.0	49.4	
19 Cyclopentene	67	1.843	1.843	0.000	96	283284	50.0	49.2	
20 Acrolein	56	1.867	1.867	0.000	94	11921	100.0	102.4	
21 3-Chloro-1-propene	76	1.946	1.946	0.000	92	73354	50.0	50.2	
22 Isopropyl alcohol	45	1.983	1.983	0.000	97	28946	500.0	513.5	
23 Methylene Chloride	84	2.019	2.019	0.000	91	112545	50.0	47.3	
24 Acetone	58	2.050	2.050	0.000	85	18397	250.0	250.1	
25 trans-1,2-Dichloroethene	96	2.111	2.111	0.000	93	126417	50.0	50.0	
26 Methyl acetate	74	2.123	2.123	0.000	64	15876	100.0	109.7	
27 Hexane	56	2.153	2.153	0.000	94	82938	50.0	48.5	
28 Methyl tert-butyl ether	73	2.184	2.184	0.000	88	258004	50.0	49.7	
* 29 TBA-d9 (IS)	65	2.208	2.208	0.000	79	107019	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.263	2.263	0.000	94	56391	500.0	459.8	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.348	2.348	0.000	99	54124	500.0	470.2	
32 Isopropyl ether	45	2.427	2.427	0.000	95	389903	50.0	49.6	
33 2-Chloro-1,3-butadiene	88	2.494	2.494	0.000	91	118219	50.0	49.2	
34 1,1-Dichloroethane	63	2.506	2.506	0.000	99	218010	50.0	50.1	
35 Acrylonitrile	53	2.549	2.549	0.000	95	171322	500.0	487.7	
36 Tert-butyl ethyl ether	59	2.676	2.676	0.000	89	355467	50.0	51.8	
37 Vinyl acetate	86	2.683	2.683	0.000	99	31173	100.0	94.7	
38 cis-1,2-Dichloroethene	96	2.883	2.883	0.000	99	138800	50.0	51.1	
39 2,2-Dichloropropane	79	2.969	2.969	0.000	97	74899	50.0	45.7	
40 Cyclohexane	84	3.029	3.029	0.000	86	230436	50.0	49.9	
41 Chlorobromomethane	128	3.029	3.029	0.000	70	56474	50.0	49.0	
42 Chloroform	83	3.090	3.090	0.000	99	229922	50.0	51.8	
43 Carbon tetrachloride	117	3.188	3.188	0.000	98	251045	50.0	48.3	
44 Ethyl acetate	70	3.194	3.194	0.000	71	14656	100.0	105.3	
45 Methyl acrylate	55	3.194	3.194	0.000	46	50828	50.0	50.5	
46 Tetrahydrofuran	72	3.206	3.206	0.000	46	14809	100.0	92.0	
$ 47 Dibromofluoromethane (Surr	113	3.236	3.236	0.000	97	110872	50.0	52.2	
48 1,1,1-Trichloroethane	97	3.248	3.248	0.000	93	247100	50.0	50.2	
* 49 2-Butanone-d5	46	3.297	3.297	0.000	0	89498	250.0	250.0	
50 2-Butanone (MEK)	72	3.334	3.334	0.000	66	38102	250.0	240.9	
51 1,1-Dichloropropene	75	3.334	3.334	0.000	95	185213	50.0	48.1	
52 Isooctane	57	3.425	3.425	0.000	98	273109	50.0	48.3	
53 n-Heptane	57	3.516	3.516	0.000	90	70856	50.0	46.7	
54 Benzene	78	3.540	3.540	0.000	95	532070	50.0	50.2	
55 Propionitrile	54	3.577	3.577	0.000	94	64154	500.0	459.3	
56 Methacrylonitrile	67	3.589	3.589	0.000	93	231181	500.0	520.6	
57 Tert-amyl methyl ether	73	3.650	3.650	0.000	98	314566	50.0	51.9	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	95	96133	50.0	50.8	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	98	124514	50.0	47.2	
60 Isobutyl alcohol	43	3.772	3.772	0.000	98	54397	1250.0	1276.4	
* 61 Fluorobenzene	96	3.899	3.899	0.000	99	392266	50.0	50.0	
62 Isopropyl acetate	43	3.960	3.960	0.000	98	121184	50.0	51.5	
63 Methylcyclohexane	83	4.033	4.033	0.000	95	227489	50.0	50.4	
64 Trichloroethene	95	4.045	4.045	0.000	97	140365	50.0	47.3	
65 n-Butanol	56	4.422	4.422	0.000	86	36114	1250.0	1319.8	
66 Dibromomethane	93	4.441	4.441	0.000	92	52271	50.0	49.5	
67 1,2-Dichloropropane	63	4.538	4.538	0.000	88	120044	50.0	48.7	
68 Ethyl acrylate	55	4.599	4.599	0.000	98	79803	50.0	47.4	
69 Dichlorobromomethane	83	4.617	4.617	0.000	99	160100	50.0	49.3	
* 70 1,4-Dioxane-d8	96	4.800	4.800	0.000	91	12492	1000.0	1000.0	
71 Methyl methacrylate	100	4.806	4.806	0.000	85	40444	100.0	94.8	
72 1,4-Dioxane	88	4.830	4.830	0.000	81	10926	1000.0	845.0	
73 n-Propyl acetate	43	4.970	4.970	0.000	99	83434	50.0	48.1	
74 2-Chloroethyl vinyl ether	63	5.250	5.250	0.000	95	45982	50.0	48.2	
75 cis-1,3-Dichloropropene	75	5.280	5.280	0.000	94	190243	50.0	50.0	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	100	501176	50.0	50.9	
77 Toluene	91	5.536	5.536	0.000	93	611820	50.0	49.0	
78 Epichlorohydrin	57	5.572	5.572	0.000	95	106260	1000.0	942.8	
79 2-Nitropropane	41	5.816	5.816	0.000	98	31358	100.0	96.8	
80 Tetrachloroethene	166	5.968	5.968	0.000	98	163679	50.0	48.8	
81 4-Methyl-2-pentanone (MIBK	43	6.022	6.022	0.000	94	283533	250.0	254.5	
82 trans-1,3-Dichloropropene	75	6.053	6.053	0.000	94	157898	50.0	50.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.241	6.241	0.000	93	62323	50.0	48.7	
84 Ethyl methacrylate	69	6.302	6.302	0.000	88	104572	50.0	49.7	
85 Chlorodibromomethane	129	6.436	6.436	0.000	98	105524	50.0	50.3	
86 1,3-Dichloropropane	76	6.558	6.558	0.000	94	137568	50.0	51.5	
87 Ethylene Dibromide	107	6.692	6.692	0.000	99	76303	50.0	49.9	
88 n-Butyl acetate	43	7.026	7.026	0.000	98	99807	50.0	47.6	
89 2-Hexanone	58	7.099	7.099	0.000	95	104849	250.0	245.8	
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	85	418306	50.0	50.0	
91 Chlorobenzene	112	7.410	7.410	0.000	95	403376	50.0	50.3	
92 Ethylbenzene	106	7.495	7.495	0.000	97	229682	50.0	50.6	
93 1,1,1,2-Tetrachloroethane	131	7.525	7.525	0.000	94	156399	50.0	48.8	
94 m-Xylene & p-Xylene	106	7.708	7.708	0.000	0	280189	50.0	50.2	
95 o-Xylene	106	8.310	8.310	0.000	94	277593	50.0	50.0	
96 Bromoform	173	8.383	8.383	0.000	97	64454	50.0	49.3	
97 Styrene	104	8.395	8.395	0.000	95	440032	50.0	51.5	
98 n-Butyl acrylate	73	8.705	8.705	0.000	96	67864	50.0	51.3	
99 Isopropylbenzene	105	8.784	8.784	0.000	96	771138	50.0	50.3	
100 Amyl acetate (mixed isomer	43	9.064	9.064	0.000	92	147110	50.0	49.7	
$ 101 4-Bromofluorobenzene	174	9.113	9.113	0.000	96	178838	50.0	52.0	
102 Bromobenzene	156	9.198	9.198	0.000	93	180057	50.0	51.2	
103 N-Propylbenzene	91	9.308	9.308	0.000	100	864778	50.0	51.2	
104 1,1,2,2-Tetrachloroethane	83	9.423	9.423	0.000	97	82342	50.0	50.8	
105 2-Chlorotoluene	91	9.441	9.441	0.000	96	588667	50.0	49.8	
106 4-Ethyltoluene	105	9.441	9.441	0.000	98	757761	50.0	50.2	
107 1,2,3-Trichloropropane	110	9.527	9.527	0.000	96	26661	50.0	49.7	
108 1,3,5-Trimethylbenzene	105	9.557	9.557	0.000	93	655965	50.0	49.9	
109 trans-1,4-Dichloro-2-buten	53	9.606	9.606	0.000	90	26420	50.0	51.1	
110 4-Chlorotoluene	91	9.630	9.630	0.000	97	531569	50.0	51.5	
111 tert-Butylbenzene	119	9.873	9.873	0.000	95	557327	50.0	49.6	
112 Butyl Methacrylate	87	9.934	9.934	0.000	90	192499	50.0	52.9	
113 1,2,4-Trimethylbenzene	105	9.952	9.952	0.000	97	665904	50.0	50.0	
114 sec-Butylbenzene	105	10.050	10.050	0.000	99	792715	50.0	49.7	
115 4-Isopropyltoluene	119	10.214	10.214	0.000	98	734007	50.0	50.0	
116 1,3-Dichlorobenzene	146	10.220	10.220	0.000	96	362086	50.0	50.4	
* 117 1,4-Dichlorobenzene-d4	152	10.299	10.299	0.000	94	256139	50.0	50.0	
118 1,4-Dichlorobenzene	146	10.311	10.311	0.000	95	352617	50.0	49.3	
119 1,2,3-Trimethylbenzene	105	10.360	10.360	0.000	98	716684	50.0	49.4	
120 2,3-Dihydroindene	117	10.470	10.470	0.000	94	625799	50.0	50.2	
121 p-Diethylbenzene	119	10.555	10.555	0.000	94	380374	50.0	49.4	
122 Benzyl chloride	126	10.561	10.561	0.000	97	44409	50.0	47.2	
123 n-Butylbenzene	92	10.597	10.597	0.000	98	320866	50.0	49.7	
124 1,2-Dichlorobenzene	146	10.689	10.689	0.000	98	319376	50.0	50.2	
125 1,2,4,5-Tetramethylbenzene	119	11.248	11.248	0.000	97	738805	50.0	48.9	
126 1,2-Dibromo-3-Chloropropan	157	11.376	11.376	0.000	95	18411	50.0	52.4	
127 1,3,5-Trichlorobenzene	180	11.400	11.400	0.000	97	298200	50.0	48.2	
128 Hexachlorobutadiene	225	11.905	11.905	0.000	95	106253	50.0	45.9	
129 1,2,4-Trichlorobenzene	180	11.911	11.911	0.000	93	232997	50.0	48.0	
130 Naphthalene	128	12.155	12.155	0.000	99	303276	50.0	50.0	
131 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	95	167130	50.0	48.2	
S 132 1,2-Dichloroethene, Total	100				0		100.0	101.1	
S 133 Xylenes, Total	100				0		100.0	100.2	
S 134 Total BTEX	1				0		250.0	250.1	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00090	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00097	Amount Added:	50.00	Units: uL	
GASES Li_00315	Amount Added:	50.00	Units: uL	
524freon_00006	Amount Added:	50.00	Units: uL	
8260SURR250_00195	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00128	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-May-2019 17:44:06 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91279.D

Injection Date: 21-May-2019 20:01:30 Instrument ID: CVOAMS11 Operator ID:

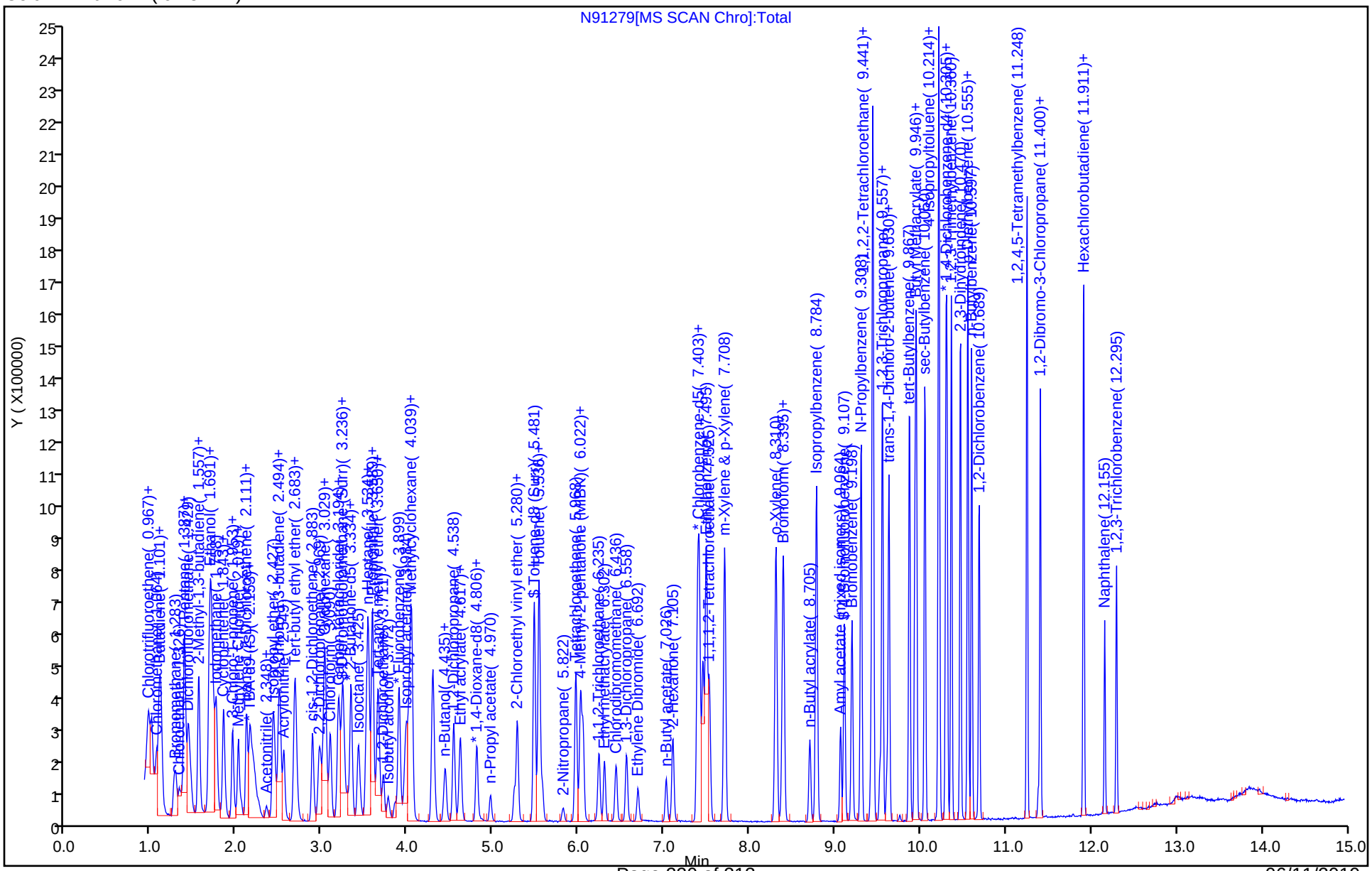
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

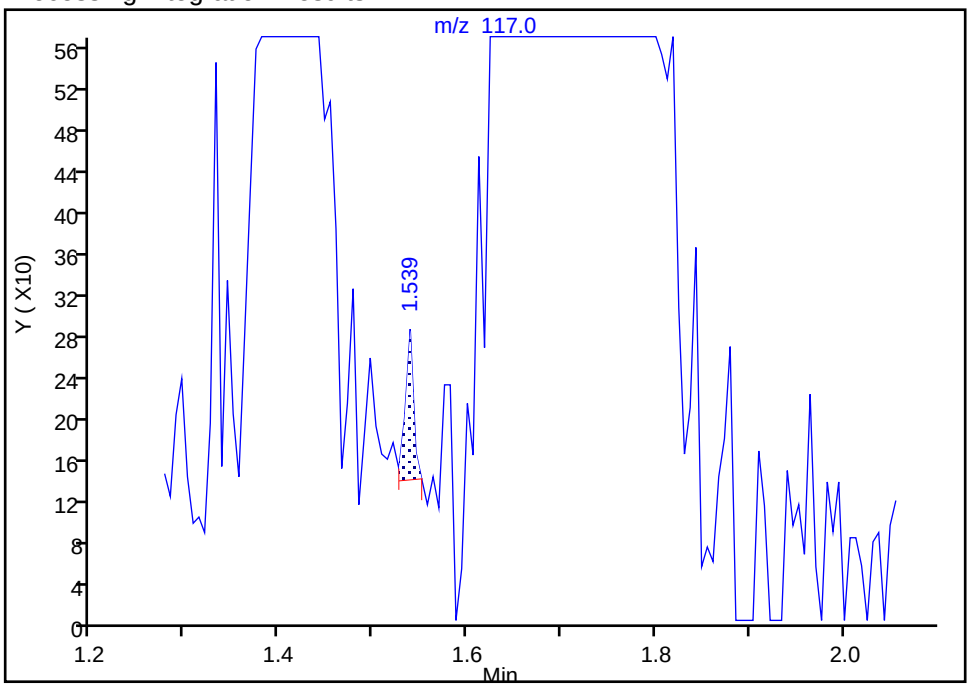
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91279.D
Injection Date: 21-May-2019 20:01:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

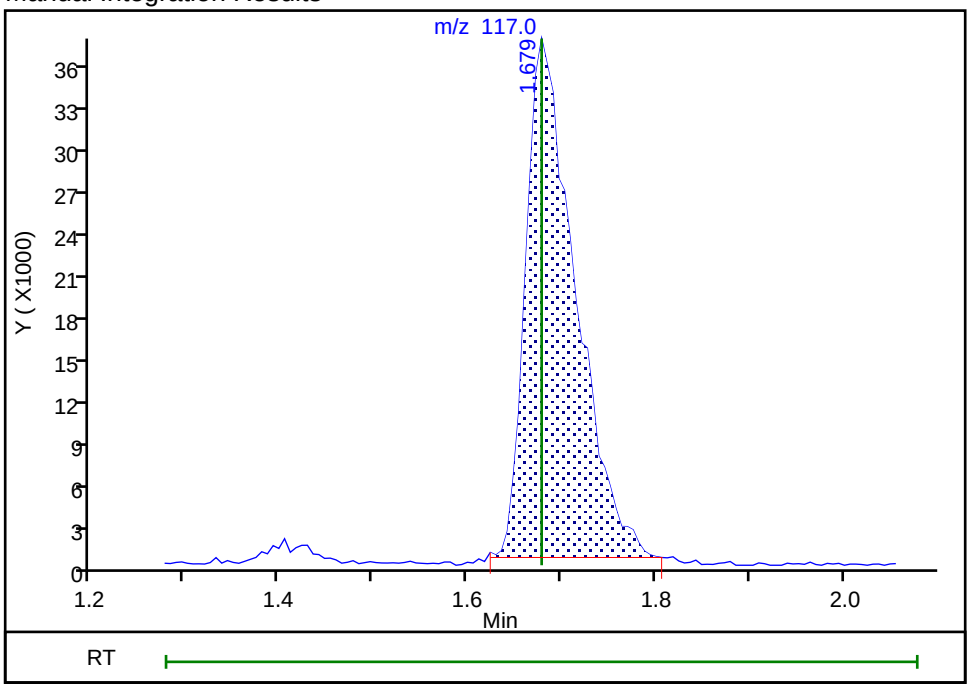
Processing Integration Results

RT: 1.54
Area: 89
Amount: 0.008461
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 134189
Amount: 49.708284
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:35:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

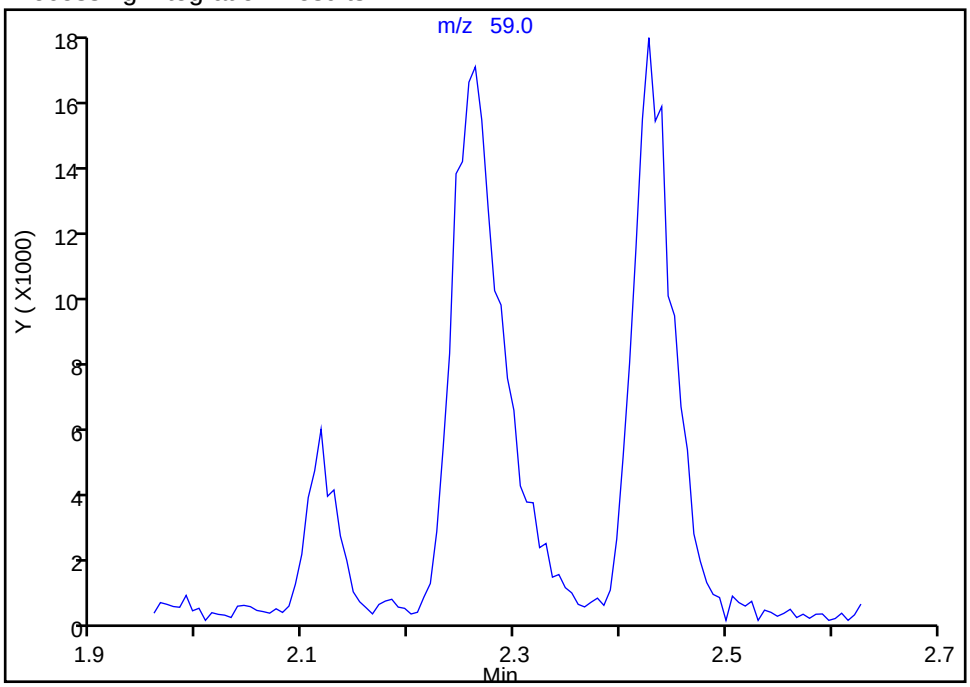
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91279.D
Injection Date: 21-May-2019 20:01:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

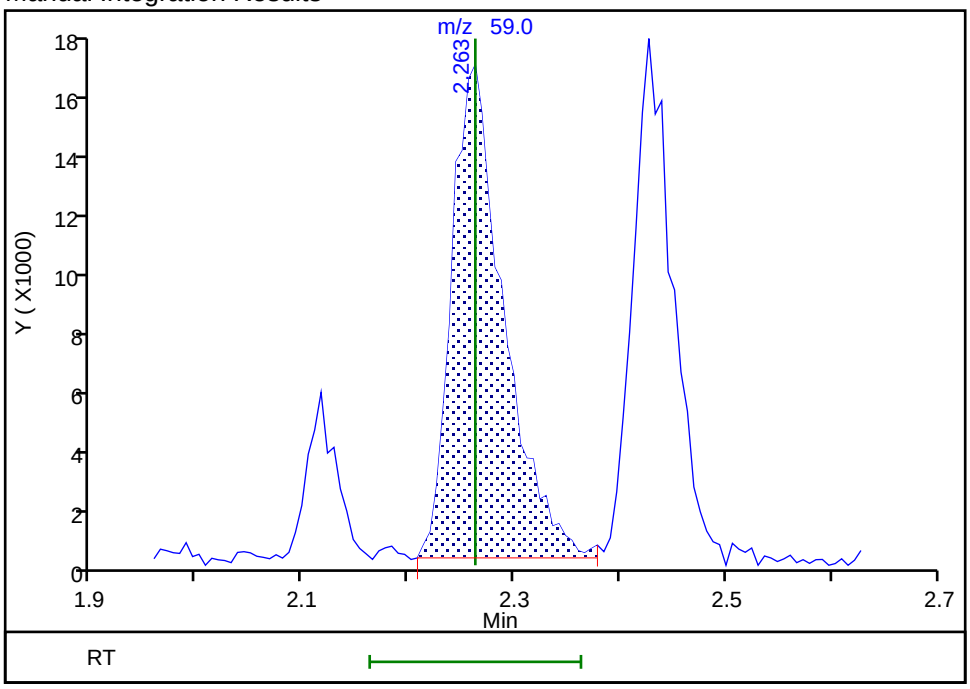
Not Detected
Expected RT: 2.26

Processing Integration Results



Manual Integration Results

RT: 2.26
Area: 56391
Amount: 459.8342
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:35:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91280.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 21-May-2019 20:24:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0091538-008
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-May-2019 17:44:20 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0302

First Level Reviewer: boykink Date: 21-May-2019 20:54:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.973	0.967	0.006	84	424021	200.0	184.0	
2 Dichlorodifluoromethane	87	0.979	0.979	0.000	98	442561	200.0	215.8	
3 Chloromethane	52	1.064	1.058	0.006	99	472746	200.0	211.2	
4 Butadiene	54	1.101	1.095	0.006	94	847916	200.0	194.0	
5 Vinyl chloride	62	1.113	1.107	0.006	98	1005366	200.0	202.0	
6 Bromomethane	94	1.277	1.283	-0.006	99	623096	200.0	192.3	
7 Chloroethane	64	1.338	1.332	0.006	98	503055	200.0	200.7	
8 Pentane	72	1.393	1.387	0.006	96	173519	400.0	412.4	
9 Trichlorofluoromethane	101	1.405	1.405	0.000	98	1143259	200.0	206.0	
10 Dichlorofluoromethane	67	1.442	1.435	0.007	99	1149965	200.0	202.6	
11 2-Methyl-1,3-butadiene	53	1.557	1.551	0.006	99	444809	200.0	209.8	
12 Ethyl ether	59	1.557	1.557	0.000	91	254460	200.0	182.2	
13 Ethanol	45	1.655	1.654	0.001	98	95752	8000.0	9110.1	
14 1,1-Dichloroethene	96	1.679	1.679	0.000	99	460415	200.0	200.2	
15 1,2-Dichloro-1,1,2-trifluo	117	1.679	1.679	0.000	81	569632	200.0	205.6	a
16 Carbon disulfide	76	1.697	1.691	0.006	100	1751569	200.0	208.5	
17 1,1,2-Trichloro-1,2,2-trif	101	1.721	1.721	0.000	71	669555	200.0	206.7	
18 Iodomethane	142	1.764	1.764	0.000	99	920941	200.0	201.6	
19 Cyclopentene	67	1.849	1.843	0.006	97	1205795	200.0	203.9	
20 Acrolein	56	1.880	1.867	0.013	94	21048	200.0	181.5	
21 3-Chloro-1-propene	76	1.953	1.946	0.007	91	283080	200.0	188.6	
22 Isopropyl alcohol	45	1.977	1.983	-0.006	96	110313	2000.0	1994.3	
23 Methylene Chloride	84	2.020	2.019	0.001	90	449841	200.0	184.1	
24 Acetone	58	2.050	2.050	0.000	87	86183	1000.0	1122.0	
25 trans-1,2-Dichloroethene	96	2.117	2.111	0.006	93	502960	200.0	193.9	
26 Methyl acetate	74	2.123	2.123	0.000	23	63382	400.0	439.6	a
27 Hexane	56	2.153	2.153	0.000	93	343265	200.0	195.5	
28 Methyl tert-butyl ether	73	2.190	2.184	0.006	87	1021409	200.0	191.6	
* 29 TBA-d9 (IS)	65	2.220	2.208	0.012	70	106660	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.263	2.263	0.000	91	233124	2000.0	1907.4	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.348	2.348	0.000	98	216001	2000.0	1882.8	
32 Isopropyl ether	45	2.427	2.427	0.000	95	1574515	200.0	195.3	
33 2-Chloro-1,3-butadiene	88	2.494	2.494	0.000	91	476081	200.0	193.1	
34 1,1-Dichloroethane	63	2.512	2.506	0.006	99	869671	200.0	194.6	
35 Acrylonitrile	53	2.555	2.549	0.006	92	702405	2000.0	2006.1	
36 Tert-butyl ethyl ether	59	2.677	2.676	0.001	89	1395975	200.0	198.2	
37 Vinyl acetate	86	2.689	2.683	0.006	100	120074	400.0	349.4	
38 cis-1,2-Dichloroethene	96	2.890	2.883	0.007	99	536345	200.0	192.4	
39 2,2-Dichloropropane	79	2.975	2.969	0.007	96	368582	200.0	219.0	
40 Cyclohexane	84	3.036	3.029	0.007	89	957649	200.0	202.2	
41 Chlorobromomethane	128	3.036	3.029	0.007	70	222100	200.0	187.9	
42 Chloroform	83	3.096	3.090	0.006	99	895505	200.0	196.5	
43 Carbon tetrachloride	117	3.194	3.188	0.006	98	1050726	200.0	196.9	
44 Ethyl acetate	70	3.194	3.194	0.000	99	59452	400.0	409.0	
45 Methyl acrylate	55	3.200	3.194	0.006	57	193549	200.0	187.5	
46 Tetrahydrofuran	72	3.212	3.206	0.006	98	58253	400.0	346.6	
$ 47 Dibromofluoromethane (Surr	113	3.230	3.236	-0.006	97	105761	50.0	48.5	
48 1,1,1-Trichloroethane	97	3.248	3.248	0.000	93	1027668	200.0	203.3	
* 49 2-Butanone-d5	46	3.297	3.297	0.000	0	93451	250.0	250.0	a
50 2-Butanone (MEK)	72	3.340	3.334	0.006	98	146749	1000.0	888.6	
51 1,1-Dichloropropene	75	3.340	3.334	0.006	98	746896	200.0	188.9	
52 Isooctane	57	3.431	3.425	0.006	98	1286613	200.0	221.9	
53 n-Heptane	57	3.516	3.516	0.000	92	321922	200.0	206.8	
54 Benzene	78	3.540	3.540	0.000	96	2167715	200.0	194.9	
55 Propionitrile	54	3.577	3.577	0.000	98	256389	2000.0	1841.7	
56 Methacrylonitrile	67	3.589	3.589	0.000	92	919609	2000.0	2017.8	
57 Tert-amyl methyl ether	73	3.650	3.650	0.000	98	1255933	200.0	202.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.662	3.656	0.006	96	86122	50.0	44.3	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	98	507946	200.0	187.8	
60 Isobutyl alcohol	43	3.772	3.772	0.000	97	214438	5000.0	5048.5	
* 61 Fluorobenzene	96	3.899	3.899	0.000	99	402602	50.0	50.0	
62 Isopropyl acetate	43	3.966	3.960	0.006	99	490834	200.0	203.4	
63 Methylcyclohexane	83	4.033	4.033	0.000	95	954634	200.0	206.2	
64 Trichloroethene	95	4.051	4.045	0.006	97	581946	200.0	191.3	
65 n-Butanol	56	4.423	4.422	0.001	89	143600	5000.0	5265.6	
66 Dibromomethane	93	4.441	4.441	0.000	92	213712	200.0	197.2	
67 1,2-Dichloropropane	63	4.544	4.538	0.006	88	493725	200.0	195.3	
68 Ethyl acrylate	55	4.605	4.599	0.006	98	319261	200.0	184.7	
69 Dichlorobromomethane	83	4.623	4.617	0.006	99	668299	200.0	200.6	
* 70 1,4-Dioxane-d8	96	4.794	4.800	-0.006	96	11567	1000.0	1000.0	
71 Methyl methacrylate	100	4.812	4.806	0.006	88	160141	400.0	365.8	
72 1,4-Dioxane	88	4.824	4.830	-0.006	93	46763	4000.0	3905.9	
73 n-Propyl acetate	43	4.970	4.970	0.000	98	330604	200.0	185.5	
74 2-Chloroethyl vinyl ether	63	5.250	5.250	0.000	95	192467	200.0	196.4	
75 cis-1,3-Dichloropropene	75	5.286	5.280	0.006	93	789413	200.0	197.5	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	99	514269	50.0	49.8	
77 Toluene	91	5.542	5.536	0.006	93	2580678	200.0	197.1	
78 Epichlorohydrin	57	5.578	5.572	0.006	100	420210	4000.0	3570.8	
79 2-Nitropropane	41	5.822	5.816	0.006	98	124818	400.0	402.1	
80 Tetrachloroethene	166	5.968	5.968	0.000	98	698560	200.0	198.6	
81 4-Methyl-2-pentanone (MIBK	43	6.023	6.022	0.001	96	1174991	1000.0	1010.1	
82 trans-1,3-Dichloropropene	75	6.053	6.053	0.000	99	627299	200.0	191.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.242	6.241	0.001	94	256155	200.0	190.6	
84 Ethyl methacrylate	69	6.302	6.302	0.000	89	429822	200.0	199.2	
85 Chlorodibromomethane	129	6.442	6.436	0.006	98	443244	200.0	201.1	
86 1,3-Dichloropropane	76	6.564	6.558	0.006	94	551987	200.0	196.8	
87 Ethylene Dibromide	107	6.698	6.692	0.006	99	312189	200.0	194.5	
88 n-Butyl acetate	43	7.026	7.026	0.000	99	416650	200.0	189.5	
89 2-Hexanone	58	7.105	7.099	0.006	96	425667	1000.0	955.6	
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	84	439135	50.0	50.0	
91 Chlorobenzene	112	7.416	7.410	0.006	95	1642511	200.0	195.0	
92 Ethylbenzene	106	7.495	7.495	0.000	98	941617	200.0	197.7	
93 1,1,1,2-Tetrachloroethane	131	7.531	7.525	0.006	94	648098	200.0	192.7	
94 m-Xylene & p-Xylene	106	7.708	7.708	0.000	0	1165889	200.0	198.8	
95 o-Xylene	106	8.310	8.310	0.000	94	1166783	200.0	200.3	
96 Bromoform	173	8.383	8.383	0.000	98	269366	200.0	201.0	
97 Styrene	104	8.395	8.395	0.000	96	1784314	200.0	198.9	
98 n-Butyl acrylate	73	8.705	8.705	0.000	97	271199	200.0	195.1	
99 Isopropylbenzene	105	8.785	8.784	0.000	96	3220441	200.0	200.1	
100 Amyl acetate (mixed isomer	43	9.064	9.064	0.000	91	603268	200.0	198.7	
$ 101 4-Bromofluorobenzene	174	9.113	9.113	0.000	95	177367	50.0	49.1	
102 Bromobenzene	156	9.198	9.198	0.000	94	716593	200.0	198.8	
103 N-Propylbenzene	91	9.308	9.308	0.000	99	3523634	200.0	203.4	
104 1,1,2,2-Tetrachloroethane	83	9.423	9.423	0.000	97	332743	200.0	200.3	
105 2-Chlorotoluene	91	9.442	9.441	0.001	96	2456411	200.0	202.8	
106 4-Ethyltoluene	105	9.448	9.441	0.007	98	3100032	200.0	200.2	
107 1,2,3-Trichloropropane	110	9.527	9.527	0.000	95	103545	200.0	188.0	
108 1,3,5-Trimethylbenzene	105	9.557	9.557	0.000	93	2757530	200.0	204.5	
109 trans-1,4-Dichloro-2-buten	53	9.606	9.606	0.000	74	104000	200.0	199.7	
110 4-Chlorotoluene	91	9.630	9.630	0.000	98	2136753	200.0	201.8	
111 tert-Butylbenzene	119	9.873	9.873	0.000	95	2383617	200.0	206.9	
112 Butyl Methacrylate	87	9.934	9.934	0.000	92	783709	200.0	209.9	
113 1,2,4-Trimethylbenzene	105	9.953	9.952	0.001	96	2746165	200.0	201.2	
114 sec-Butylbenzene	105	10.056	10.050	0.006	99	3349969	200.0	204.9	
115 4-Isopropyltoluene	119	10.214	10.214	0.000	98	3039048	200.0	201.7	
116 1,3-Dichlorobenzene	146	10.220	10.220	0.000	96	1462745	200.0	198.7	
* 117 1,4-Dichlorobenzene-d4	152	10.299	10.299	0.000	95	262752	50.0	50.0	
118 1,4-Dichlorobenzene	146	10.311	10.311	0.000	96	1426269	200.0	194.3	
119 1,2,3-Trimethylbenzene	105	10.360	10.360	0.000	98	2948004	200.0	198.0	
120 2,3-Dihydroindene	117	10.470	10.470	0.000	94	2583335	200.0	202.1	
121 p-Diethylbenzene	119	10.555	10.555	0.000	94	1561591	200.0	197.6	
122 Benzyl chloride	126	10.561	10.561	0.000	99	175205	200.0	181.3	
123 n-Butylbenzene	92	10.597	10.597	0.000	98	1290614	200.0	194.9	
124 1,2-Dichlorobenzene	146	10.689	10.689	0.000	97	1293201	200.0	198.2	
125 1,2,4,5-Tetramethylbenzene	119	11.248	11.248	0.000	97	3090884	200.0	199.6	
126 1,2-Dibromo-3-Chloropropan	157	11.382	11.376	0.006	89	75744	200.0	199.0	
127 1,3,5-Trichlorobenzene	180	11.407	11.400	0.007	97	1227814	200.0	193.5	
128 Hexachlorobutadiene	225	11.905	11.905	0.000	95	466906	200.0	196.8	
129 1,2,4-Trichlorobenzene	180	11.911	11.911	0.000	94	940627	200.0	189.1	
130 Naphthalene	128	12.155	12.155	0.000	99	1248639	200.0	200.6	
131 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	96	672612	200.0	189.0	
S 132 1,2-Dichloroethene, Total	100				0		400.0	386.3	
S 133 Xylenes, Total	100				0		400.0	399.1	
S 134 Total BTEX	1				0		1000.0	988.7	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00090	Amount Added:	20.00	Units: uL	
Ethanol mix_00028	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00083	Amount Added:	20.00	Units: uL	
MIX I Hi_00108	Amount Added:	20.00	Units: uL	
GAS Hi_00306	Amount Added:	20.00	Units: uL	
8FreonHi_00004	Amount Added:	20.00	Units: uL	
8260SURR250_00195	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00128	Amount Added:	1.00	Units: uL	Run Reagent

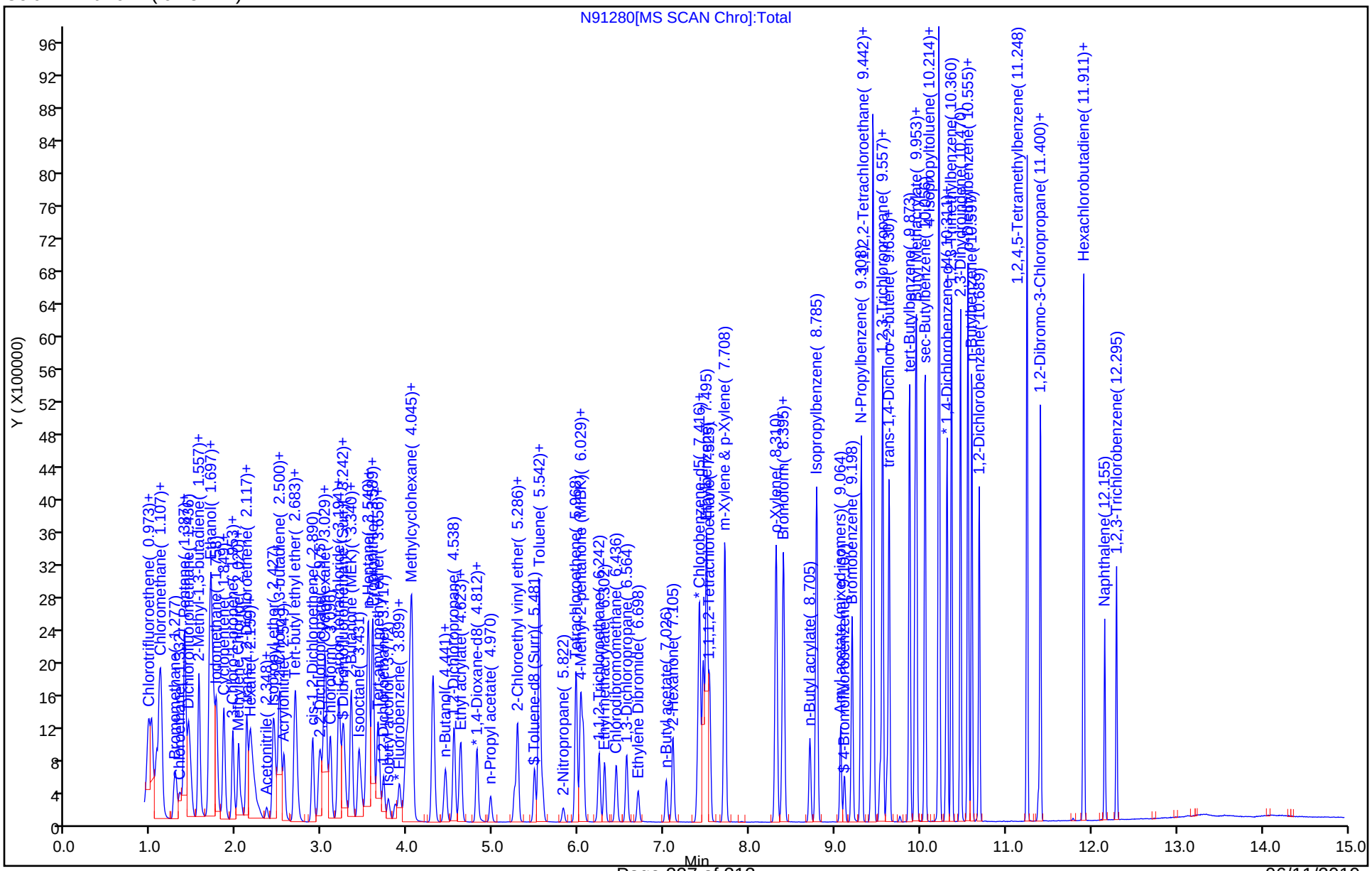
Report Date: 22-May-2019 17:44:22 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91280.D

Injection Date:	21-May-2019 20:24:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

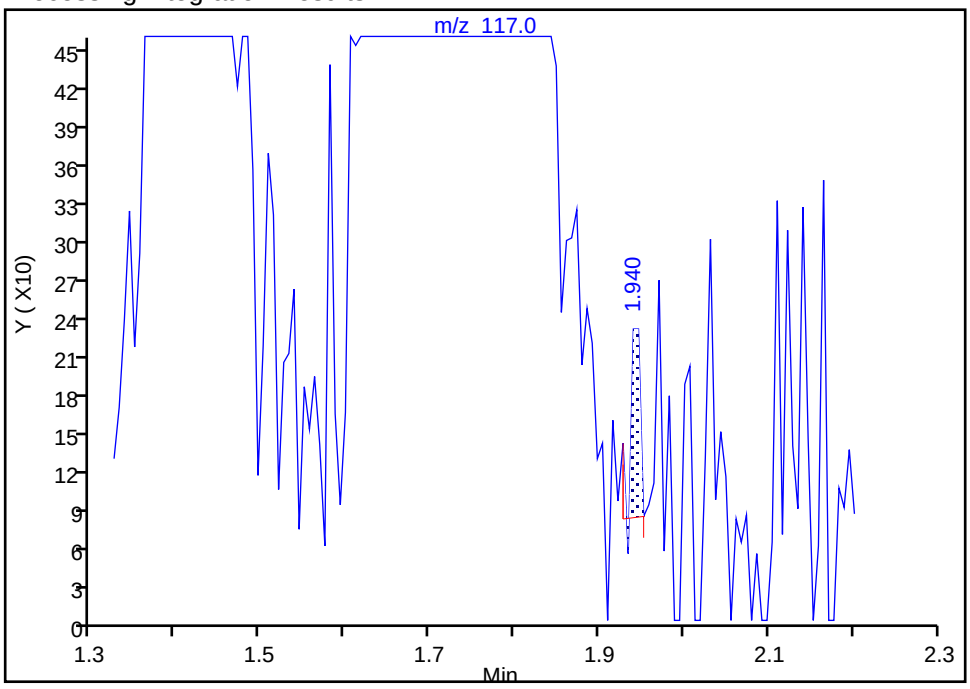
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91280.D
Injection Date: 21-May-2019 20:24:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

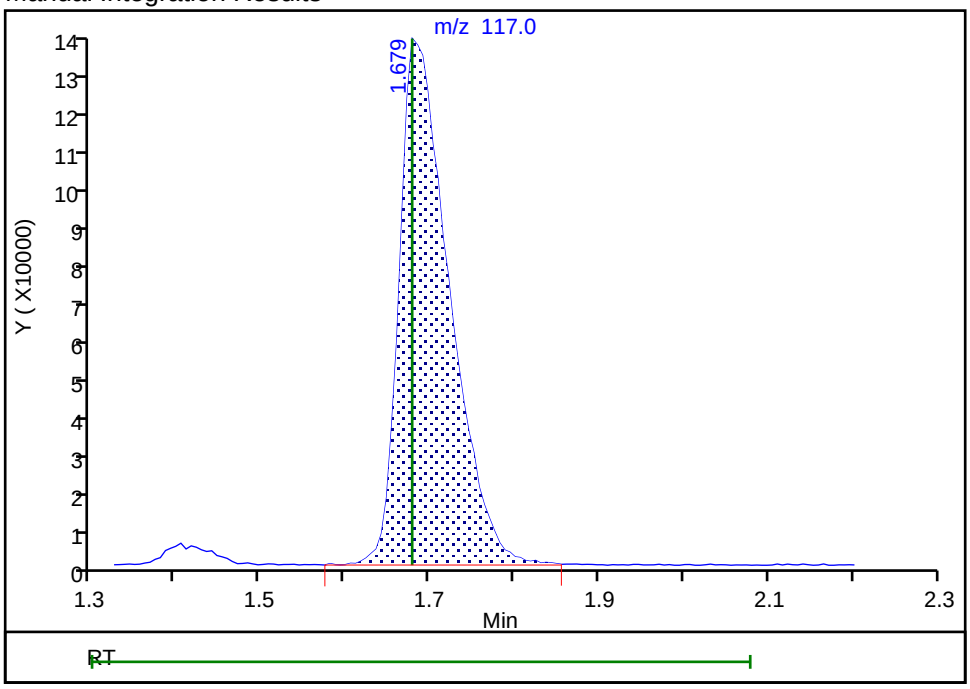
Processing Integration Results

RT: 1.94
Area: 119
Amount: 0.051828
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 569632
Amount: 205.5943
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 17:24:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

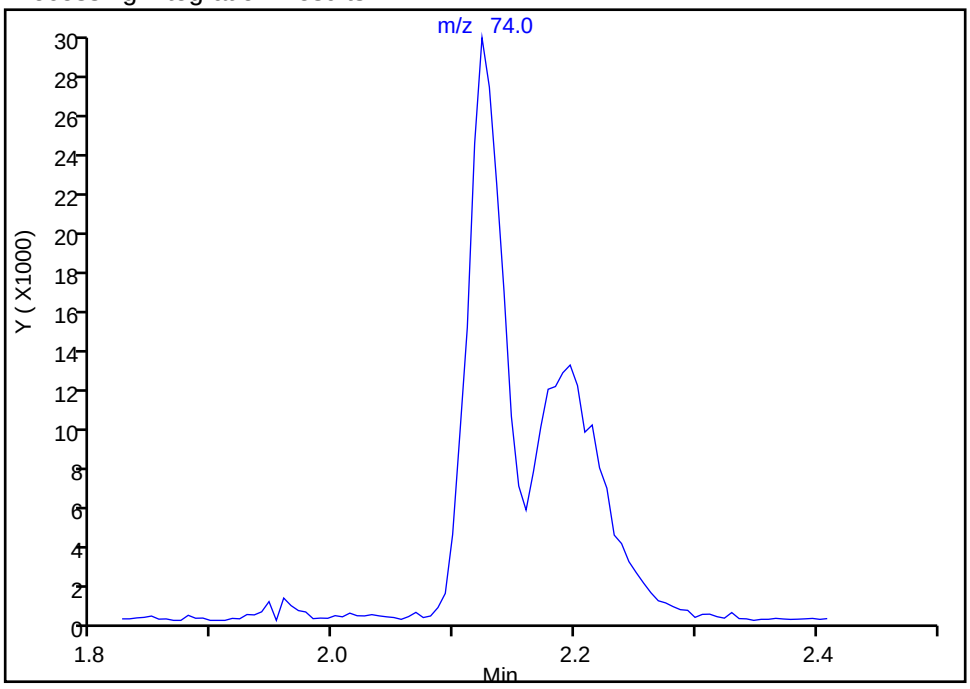
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91280.D
Injection Date: 21-May-2019 20:24:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Methyl acetate, CAS: 79-20-9

Signal: 1

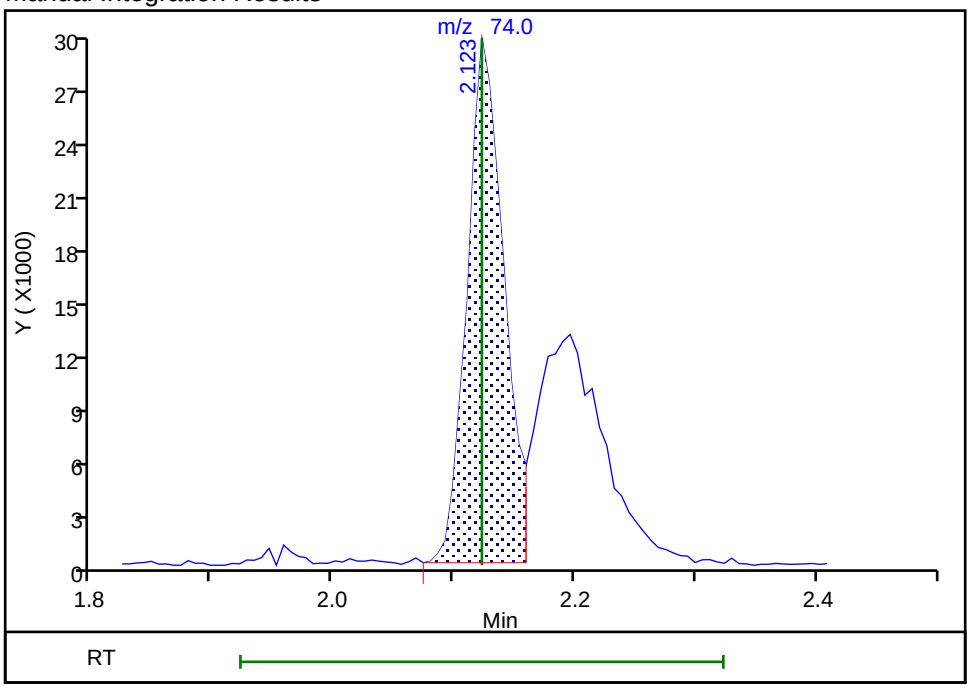
Not Detected
Expected RT: 2.12

Processing Integration Results



Manual Integration Results

RT: 2.12
Area: 63382
Amount: 439.5998
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 17:24:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

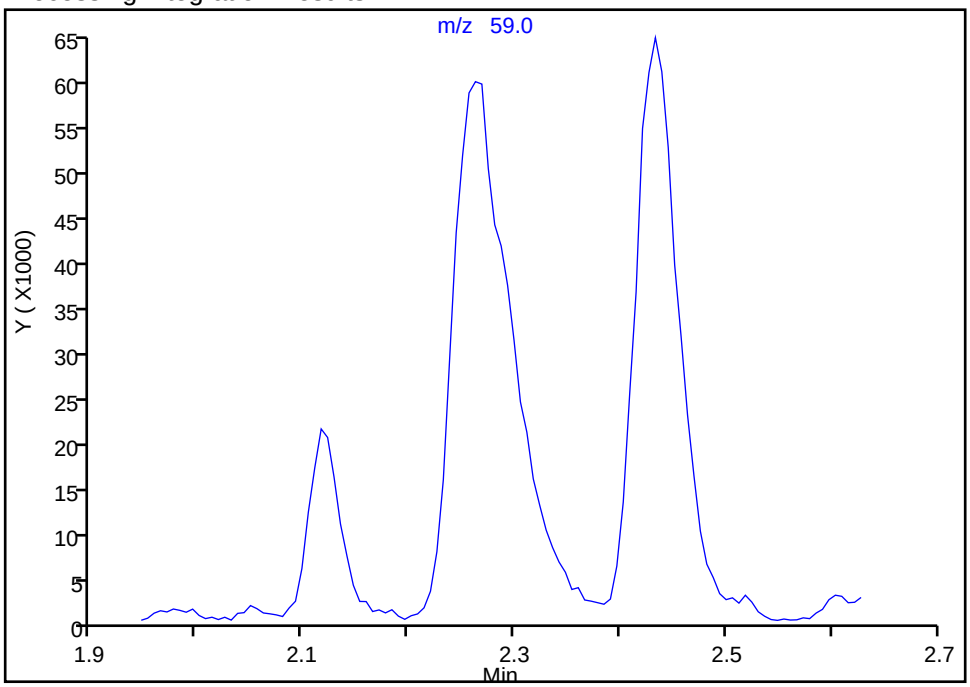
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91280.D
Injection Date: 21-May-2019 20:24:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

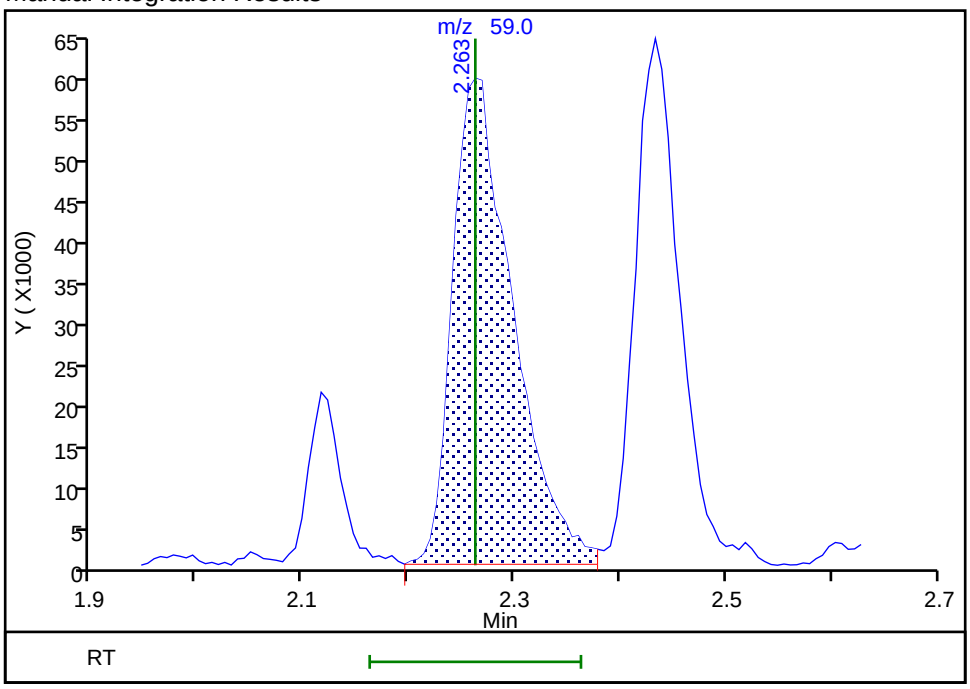
Not Detected
Expected RT: 2.26

Processing Integration Results



Manual Integration Results

RT: 2.26
Area: 233124
Amount: 1907.3823
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 17:24:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

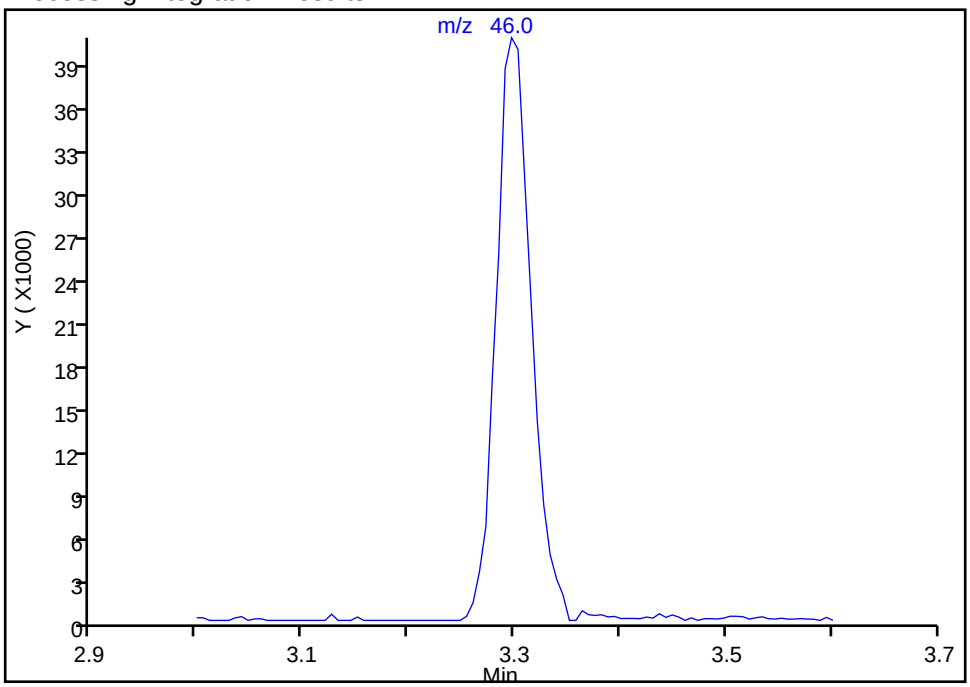
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91280.D
Injection Date: 21-May-2019 20:24:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 49 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

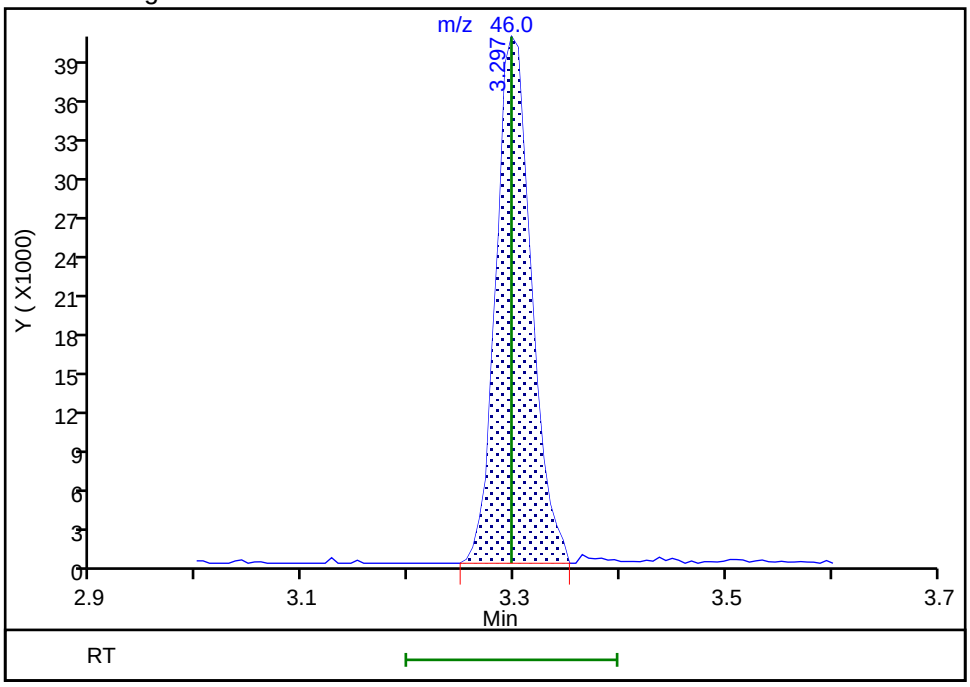
Not Detected
Expected RT: 3.30

Processing Integration Results



Manual Integration Results

RT: 3.30
Area: 93451
Amount: 250.0000
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 17:23:47
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91281.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 21-May-2019 20:46:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0091538-009
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-May-2019 17:44:34 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0302

First Level Reviewer: boykink Date: 22-May-2019 06:22:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.973	0.967	0.006	84	1014593	500.0	438.9	
2 Dichlorodifluoromethane	87	0.979	0.979	0.000	97	1156192	500.0	562.0	
3 Chloromethane	52	1.064	1.058	0.006	99	1152985	500.0	525.1	
4 Butadiene	54	1.101	1.095	0.006	94	2038789	500.0	465.0	
5 Vinyl chloride	62	1.107	1.107	0.000	98	2450998	500.0	491.0	
6 Bromomethane	94	1.277	1.283	-0.006	99	1530612	500.0	470.9	
7 Chloroethane	64	1.332	1.332	0.000	99	1224557	500.0	487.0	
8 Pentane	72	1.387	1.387	0.000	96	418101	1000.0	929.0	
9 Trichlorofluoromethane	101	1.411	1.405	0.006	98	2835031	500.0	509.2	
10 Dichlorofluoromethane	67	1.442	1.435	0.007	99	2861331	500.0	502.6	
11 2-Methyl-1,3-butadiene	53	1.557	1.551	0.006	99	1112450	500.0	523.0	
12 Ethyl ether	59	1.557	1.557	0.000	94	634058	500.0	452.7	
13 Ethanol	45	1.655	1.654	0.001	96	255138	20000	22696	M
14 1,1-Dichloroethene	96	1.679	1.679	0.000	98	1169365	500.0	506.9	
15 1,2-Dichloro-1,1,2-trifluo	117	1.685	1.679	0.006	80	1467295	500.0	528.0	a
16 Carbon disulfide	76	1.697	1.691	0.006	99	4510586	500.0	535.4	
17 1,1,2-Trichloro-1,2,2-trif	101	1.728	1.721	0.007	91	1634892	500.0	503.1	
18 Iodomethane	142	1.764	1.764	0.000	99	2363218	500.0	515.6	
19 Cyclopentene	67	1.849	1.843	0.006	97	3025073	500.0	510.0	
20 Acrolein	56	1.874	1.867	0.007	91	43846	400.0	353.5	
21 3-Chloro-1-propene	76	1.953	1.946	0.007	91	722114	500.0	479.7	
22 Isopropyl alcohol	45	1.977	1.983	-0.006	97	286419	5000.0	5000.8	
23 Methylene Chloride	84	2.020	2.019	0.001	91	1141925	500.0	465.9	
24 Acetone	58	2.056	2.050	0.006	87	200201	2500.0	2657.5	
25 trans-1,2-Dichloroethene	96	2.117	2.111	0.006	93	1284422	500.0	493.7	
26 Methyl acetate	74	2.129	2.123	0.006	99	163734	1000.0	1061.8	
27 Hexane	56	2.153	2.153	0.000	94	832184	500.0	472.6	
28 Methyl tert-butyl ether	73	2.190	2.184	0.006	88	2515767	500.0	470.4	
* 29 TBA-d9 (IS)	65	2.214	2.208	0.006	70	114079	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.263	2.263	0.000	91	598261	5000.0	4576.5	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.348	2.348	0.000	98	561319	5000.0	4574.6	
32 Isopropyl ether	45	2.433	2.427	0.006	95	4057070	500.0	501.6	
33 2-Chloro-1,3-butadiene	88	2.494	2.494	0.000	93	1194893	500.0	483.1	
34 1,1-Dichloroethane	63	2.512	2.506	0.006	99	2229343	500.0	497.3	
35 Acrylonitrile	53	2.555	2.549	0.006	93	1788188	5000.0	4775.1	
36 Tert-butyl ethyl ether	59	2.683	2.676	0.007	89	3407032	500.0	482.2	
37 Vinyl acetate	86	2.689	2.683	0.006	99	301379	1000.0	894.2	
38 cis-1,2-Dichloroethene	96	2.890	2.883	0.007	99	1397442	500.0	499.7	
39 2,2-Dichloropropane	79	2.975	2.969	0.007	96	945165	500.0	559.8	
40 Cyclohexane	84	3.036	3.029	0.007	86	2426872	500.0	510.8	
41 Chlorobromomethane	128	3.036	3.029	0.007	89	555179	500.0	468.2	
42 Chloroform	83	3.096	3.090	0.006	99	2308851	500.0	505.0	
43 Carbon tetrachloride	117	3.194	3.188	0.006	98	2752305	500.0	514.3	
44 Ethyl acetate	70	3.194	3.194	0.000	100	147623	1000.0	1035.6	
45 Methyl acrylate	55	3.200	3.194	0.006	94	484918	500.0	468.3	
46 Tetrahydrofuran	72	3.212	3.206	0.006	95	149055	1000.0	904.3	
$ 47 Dibromofluoromethane (Surr	113	3.236	3.236	0.000	96	107046	50.0	48.9	
48 1,1,1-Trichloroethane	97	3.248	3.248	0.000	96	2716691	500.0	535.8	
* 49 2-Butanone-d5	46	3.297	3.297	0.000	0	91654	250.0	250.0	a
51 1,1-Dichloropropene	75	3.340	3.334	0.006	97	1836180	500.0	463.1	
50 2-Butanone (MEK)	72	3.334	3.334	0.000	100	359429	2500.0	2219.1	
52 Isooctane	57	3.437	3.425	0.012	98	3222059	500.0	553.9	
53 n-Heptane	57	3.516	3.516	0.000	90	885681	500.0	567.1	
54 Benzene	78	3.540	3.540	0.000	96	5421036	500.0	497.7	
55 Propionitrile	54	3.583	3.577	0.006	93	640191	5000.0	4299.6	
56 Methacrylonitrile	67	3.595	3.589	0.006	92	2275490	5000.0	4977.6	
57 Tert-amyl methyl ether	73	3.656	3.650	0.006	97	3114047	500.0	499.3	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.595	3.656	-0.061	43	100987	50.0	51.8	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	98	1239902	500.0	457.0	
60 Isobutyl alcohol	43	3.778	3.772	0.006	97	560320	12500	12334	
* 61 Fluorobenzene	96	3.899	3.899	0.000	99	403838	50.0	50.0	
62 Isopropyl acetate	43	3.966	3.960	0.006	99	1209523	500.0	499.7	
63 Methylcyclohexane	83	4.033	4.033	0.000	95	2401795	500.0	517.3	
64 Trichloroethene	95	4.051	4.045	0.006	97	1415999	500.0	464.0	
65 n-Butanol	56	4.423	4.422	0.001	88	360480	12500	12359	
66 Dibromomethane	93	4.441	4.441	0.000	92	523247	500.0	481.3	
67 1,2-Dichloropropane	63	4.544	4.538	0.006	87	1203108	500.0	474.4	
68 Ethyl acrylate	55	4.605	4.599	0.006	98	781317	500.0	450.7	
69 Dichlorobromomethane	83	4.623	4.617	0.006	99	1626107	500.0	486.6	
* 70 1,4-Dioxane-d8	96	4.800	4.800	0.000	94	12889	1000.0	1000.0	
71 Methyl methacrylate	100	4.812	4.806	0.006	88	392690	1000.0	894.3	
72 1,4-Dioxane	88	4.824	4.830	-0.006	94	115194	10000	8634.7	
73 n-Propyl acetate	43	4.970	4.970	0.000	98	818570	500.0	458.0	
74 2-Chloroethyl vinyl ether	63	5.250	5.250	0.000	96	475008	500.0	483.3	
75 cis-1,3-Dichloropropene	75	5.280	5.280	0.000	93	1899295	500.0	485.5	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	99	511976	50.0	50.6	
77 Toluene	91	5.542	5.536	0.006	93	6281055	500.0	489.9	
78 Epichlorohydrin	57	5.578	5.572	0.006	95	1034789	10000	8965.6	
79 2-Nitropropane	41	5.822	5.816	0.006	99	305659	1000.0	999.7	
80 Tetrachloroethene	166	5.968	5.968	0.000	99	1717195	500.0	498.6	
81 4-Methyl-2-pentanone (MIBK	43	6.023	6.022	0.001	95	2889891	2500.0	2533.1	
82 trans-1,3-Dichloropropene	75	6.053	6.053	0.000	96	1537865	500.0	478.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.242	6.241	0.001	94	629613	500.0	478.4	
84 Ethyl methacrylate	69	6.302	6.302	0.000	89	1048402	500.0	484.3	
85 Chlorodibromomethane	129	6.442	6.436	0.006	98	1075359	500.0	498.4	
86 1,3-Dichloropropane	76	6.558	6.558	0.000	94	1345592	500.0	490.1	
87 Ethylene Dibromide	107	6.692	6.692	0.000	99	743635	500.0	473.3	
88 n-Butyl acetate	43	7.026	7.026	0.000	98	1017302	500.0	472.5	
89 2-Hexanone	58	7.105	7.099	0.006	95	1037197	2500.0	2374.0	
* 90 Chlorobenzene-d5	117	7.397	7.391	0.006	84	429934	50.0	50.0	
91 Chlorobenzene	112	7.416	7.410	0.006	95	3985519	500.0	483.2	
92 Ethylbenzene	106	7.501	7.495	0.006	98	2297159	500.0	492.6	
93 1,1,1,2-Tetrachloroethane	131	7.537	7.525	0.012	94	1639838	500.0	497.9	
94 m-Xylene & p-Xylene	106	7.714	7.708	0.006	0	2870447	500.0	500.0	
95 o-Xylene	106	8.316	8.310	0.006	94	2904551	500.0	509.2	
96 Bromoform	173	8.383	8.383	0.000	98	650056	500.0	461.8	
97 Styrene	104	8.401	8.395	0.006	95	4293944	500.0	488.9	
98 n-Butyl acrylate	73	8.705	8.705	0.000	97	662078	500.0	486.6	
99 Isopropylbenzene	105	8.791	8.784	0.007	95	8097159	500.0	514.0	
100 Amyl acetate (mixed isomer	43	9.064	9.064	0.000	91	1476585	500.0	463.1	
$ 101 4-Bromofluorobenzene	174	9.113	9.113	0.000	95	173749	50.0	49.1	
102 Bromobenzene	156	9.204	9.198	0.006	93	1710766	500.0	451.9	
103 N-Propylbenzene	91	9.308	9.308	0.000	99	8770977	500.0	482.1	
104 1,1,2,2-Tetrachloroethane	83	9.423	9.423	0.000	97	822912	500.0	471.5	
105 2-Chlorotoluene	91	9.448	9.441	0.007	96	6160982	500.0	484.2	
106 4-Ethyltoluene	105	9.448	9.441	0.007	98	7798956	500.0	479.5	
107 1,2,3-Trichloropropane	110	9.527	9.527	0.000	96	259963	500.0	449.4	
108 1,3,5-Trimethylbenzene	105	9.563	9.557	0.006	93	7217833	500.0	509.6	
109 trans-1,4-Dichloro-2-buten	53	9.606	9.606	0.000	92	263411	500.0	500.0	
110 4-Chlorotoluene	91	9.636	9.630	0.006	97	5291943	500.0	475.9	
111 tert-Butylbenzene	119	9.873	9.873	0.000	95	6225993	500.0	514.6	
112 Butyl Methacrylate	87	9.940	9.934	0.006	94	1980087	500.0	504.9	
113 1,2,4-Trimethylbenzene	105	9.953	9.952	0.001	98	7175262	500.0	500.4	
114 sec-Butylbenzene	105	10.056	10.050	0.006	99	8829808	500.0	514.2	
115 4-Isopropyltoluene	119	10.214	10.214	0.000	98	8204127	500.0	518.5	
116 1,3-Dichlorobenzene	146	10.226	10.220	0.006	96	3802130	500.0	491.6	
* 117 1,4-Dichlorobenzene-d4	152	10.299	10.299	0.000	95	275987	50.0	50.0	
118 1,4-Dichlorobenzene	146	10.318	10.311	0.007	96	3768743	500.0	488.8	
119 1,2,3-Trimethylbenzene	105	10.366	10.360	0.006	99	7942038	500.0	507.7	
120 2,3-Dihydroindene	117	10.470	10.470	0.000	94	6606976	500.0	492.1	
121 p-Diethylbenzene	119	10.555	10.555	0.000	94	4109924	500.0	495.1	
122 Benzyl chloride	126	10.567	10.561	0.006	97	461977	500.0	455.2	
123 n-Butylbenzene	92	10.603	10.597	0.006	98	3383624	500.0	486.5	
124 1,2-Dichlorobenzene	146	10.689	10.689	0.000	97	3415565	500.0	498.4	
125 1,2,4,5-Tetramethylbenzene	119	11.248	11.248	0.000	97	8645308	500.0	531.5	
126 1,2-Dibromo-3-Chloropropan	157	11.382	11.376	0.006	91	221572	500.0	500.1	
127 1,3,5-Trichlorobenzene	180	11.407	11.400	0.007	98	3661538	500.0	549.4	
128 Hexachlorobutadiene	225	11.905	11.905	0.000	94	1302101	500.0	522.5	
129 1,2,4-Trichlorobenzene	180	11.911	11.911	0.000	94	2897968	500.0	554.6	
130 Naphthalene	128	12.155	12.155	0.000	99	3754829	500.0	574.3	
131 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	95	1978691	500.0	529.3	
S 132 1,2-Dichloroethene, Total	100				0		1000.0	993.4	
S 133 Xylenes, Total	100				0		1000.0	1009.2	
S 134 Total BTEX	1				0		2500.0	2489.4	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00090	Amount Added:	40.00	Units: uL	
Ethanol mix_00028	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00083	Amount Added:	50.00	Units: uL	
MIX I Hi_00108	Amount Added:	50.00	Units: uL	
GAS Hi_00306	Amount Added:	50.00	Units: uL	
8FreonHi_00004	Amount Added:	50.00	Units: uL	
8260SURR250_00195	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00128	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-May-2019 17:44:36 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91281.D

Injection Date: 21-May-2019 20:46:30 Instrument ID: CVOAMS11 Operator ID:

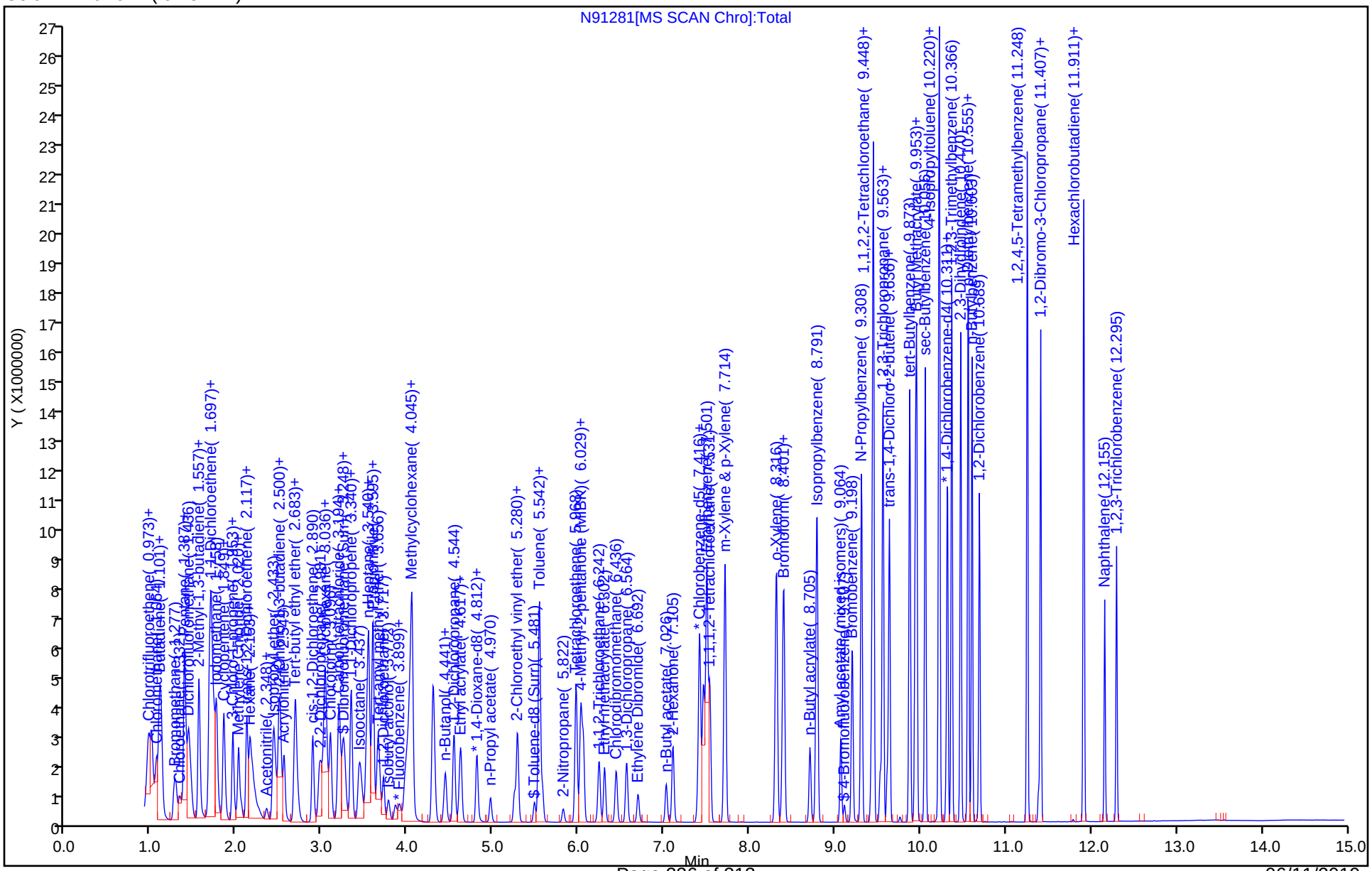
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

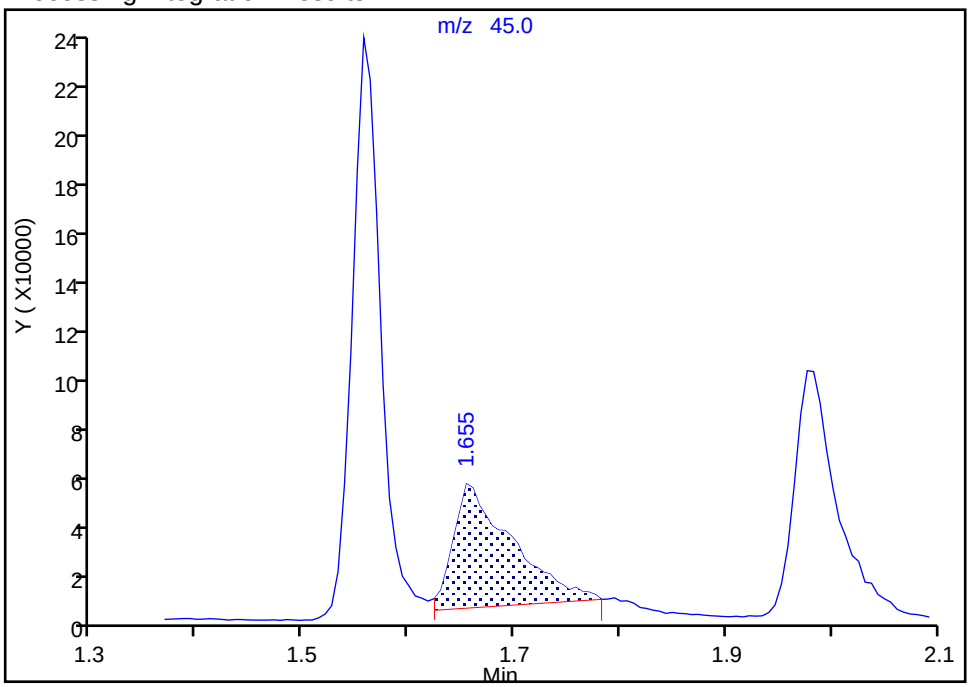
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91281.D
Injection Date: 21-May-2019 20:46:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Ethanol, CAS: 64-17-5

Signal: 1

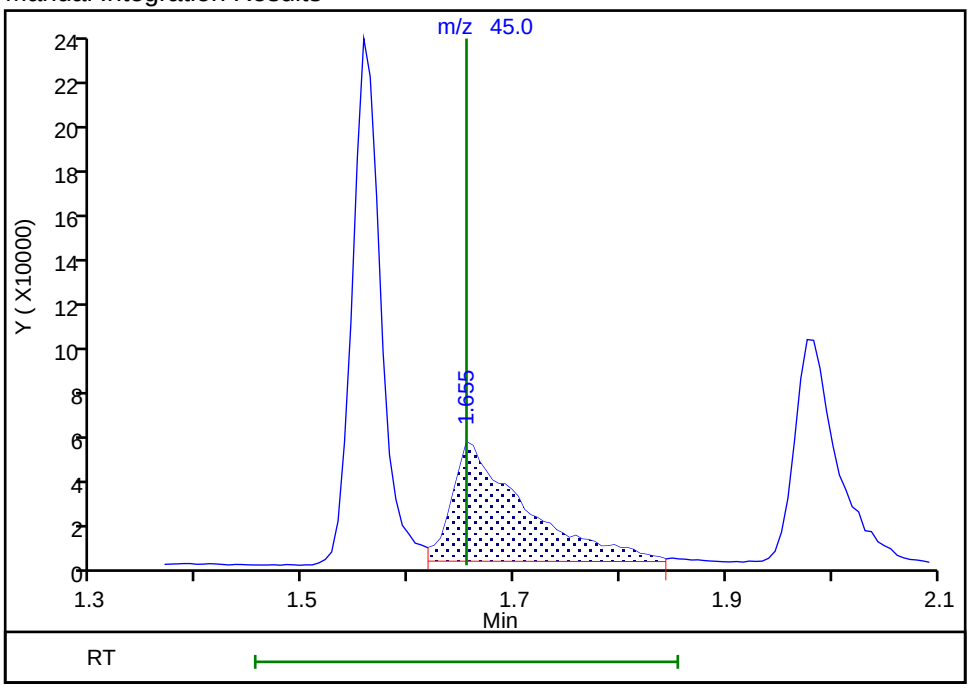
Processing Integration Results

RT: 1.65
Area: 192312
Amount: 19895
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 255138
Amount: 22696
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:39:30
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

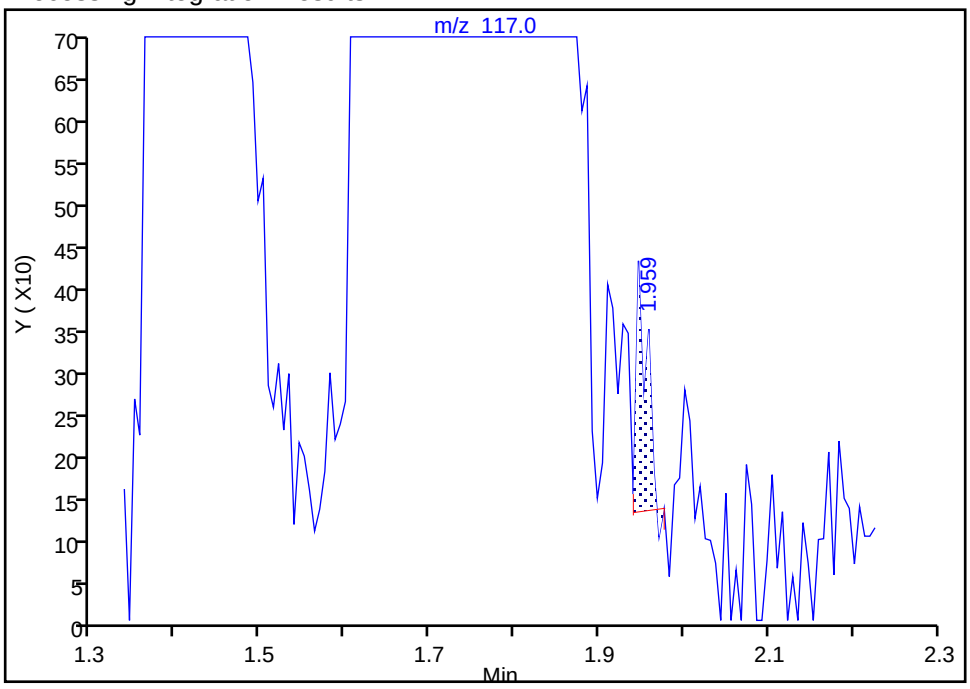
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91281.D
Injection Date: 21-May-2019 20:46:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

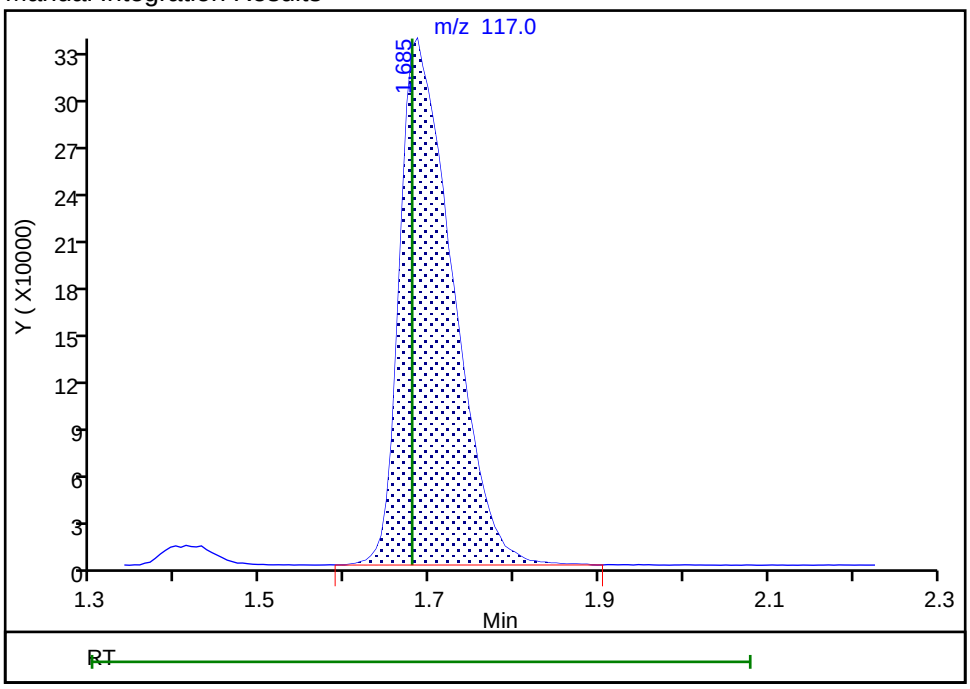
Processing Integration Results

RT: 1.96
Area: 249
Amount: 0.038828
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 1467295
Amount: 527.9621
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:39:37
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

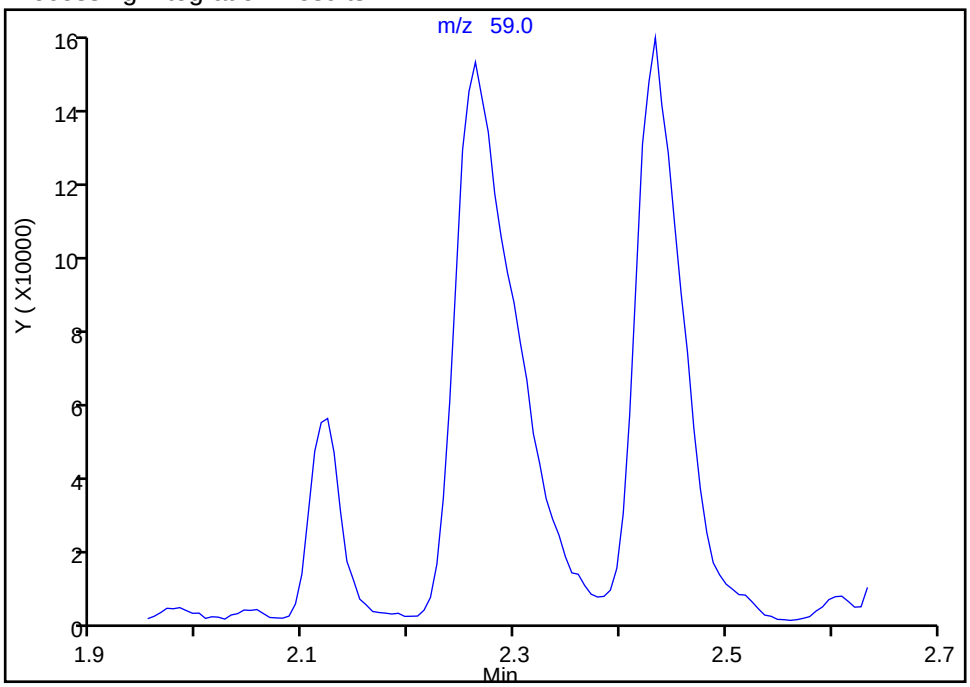
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91281.D
Injection Date: 21-May-2019 20:46:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

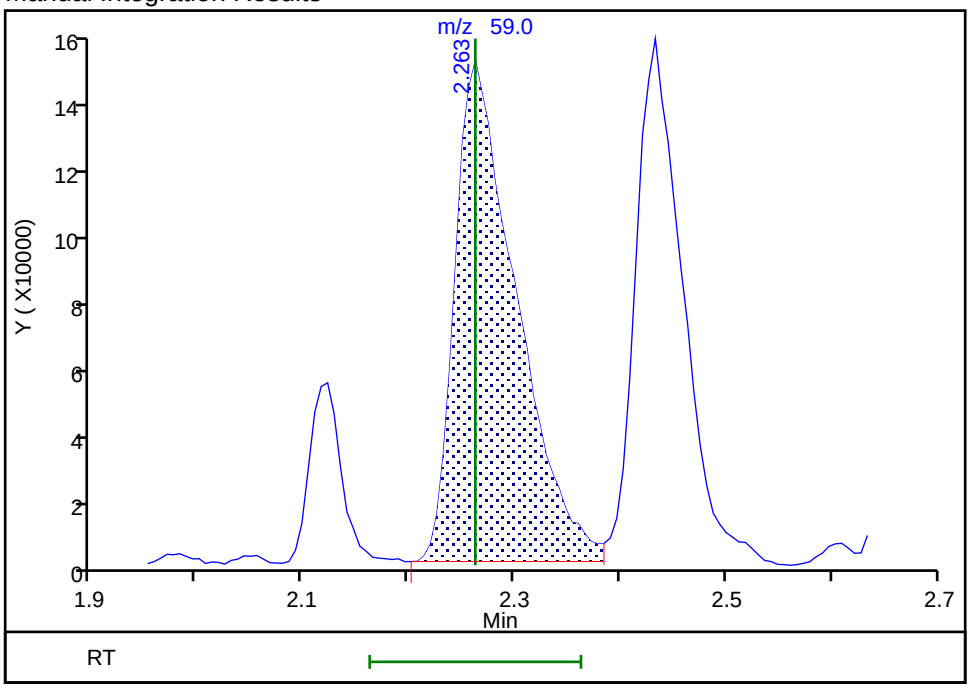
Not Detected
Expected RT: 2.26

Processing Integration Results



Manual Integration Results

RT: 2.26
Area: 598261
Amount: 4576.5407
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:39:50
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

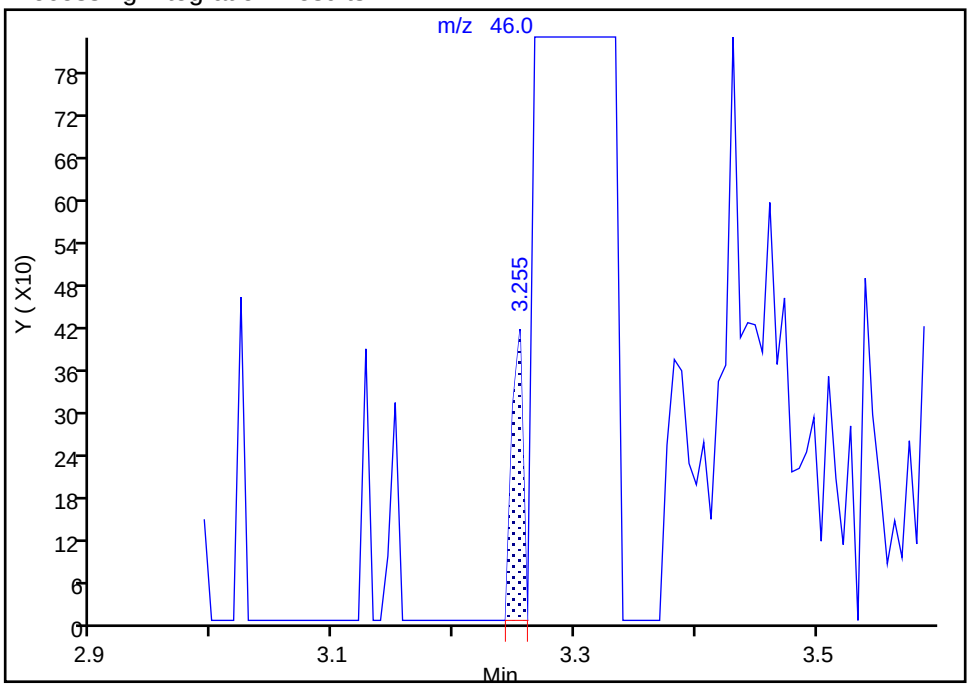
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91281.D
Injection Date: 21-May-2019 20:46:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 49 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

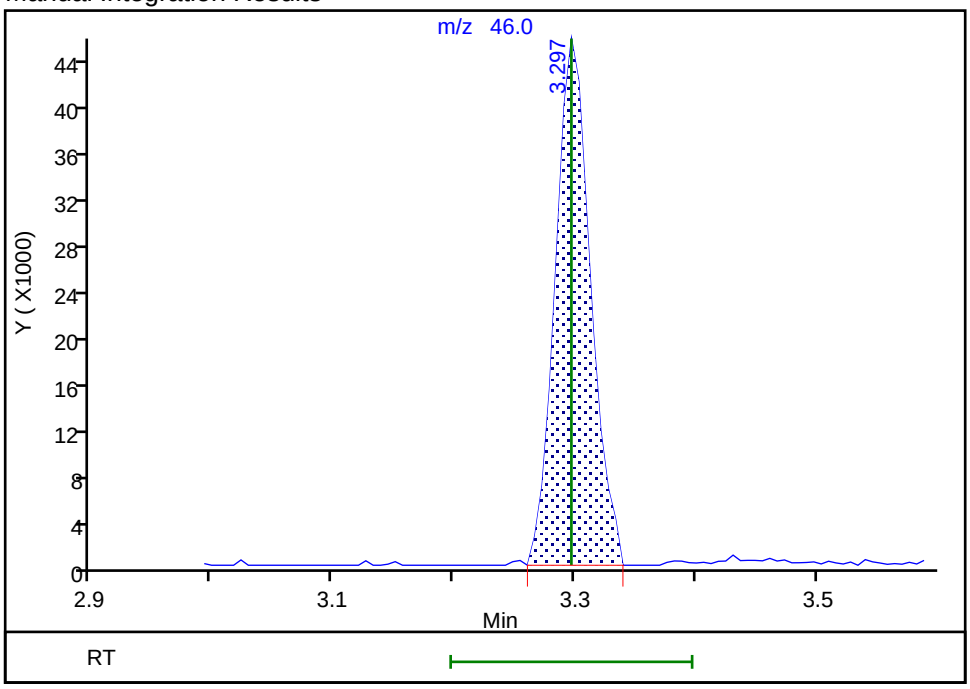
Processing Integration Results

RT: 3.25
Area: 261
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.30
Area: 91654
Amount: 250.0000
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:38:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-May-2019 02:28:30 ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0091538-017
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub8

Method: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-May-2019 17:44:47 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0302

First Level Reviewer: boykink Date: 22-May-2019 03:21:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.967	0.967	0.000	40	2222	1.00	0.8882	M
2 Dichlorodifluoromethane	87	0.973	0.979	-0.006	29	1794	1.00	0.8058	a
3 Chloromethane	52	1.064	1.058	0.006	73	2189	1.00	0.9417	
4 Butadiene	54	1.095	1.095	0.000	83	4884	1.00	1.03	
5 Vinyl chloride	62	1.119	1.107	0.012	96	6103	1.00	1.13	
6 Bromomethane	94	1.295	1.283	0.012	72	4225	1.00	1.20	
7 Chloroethane	64	1.332	1.332	0.000	83	3163	1.00	1.16	
8 Pentane	72	1.405	1.387	0.018	87	1077	2.00	2.56	
9 Trichlorofluoromethane	101	1.411	1.405	0.006	89	6100	1.00	1.01	M
10 Dichlorofluoromethane	67	1.435	1.435	0.000	95	6293	1.00	1.02	
11 2-Methyl-1,3-butadiene	53	1.551	1.551	0.000	86	1938	1.00	0.8419	a
12 Ethyl ether	59	1.557	1.557	0.000	51	1803	1.00	1.19	
13 Ethanol	45	1.661	1.654	0.006	22	420	40.0	39.9	Ma
14 1,1-Dichloroethene	96	1.673	1.679	-0.006	90	3088	1.00	1.24	
15 1,2-Dichloro-1,1,2-trifluo	117	1.703	1.679	0.024	57	2654	1.00	0.8824	
16 Carbon disulfide	76	1.703	1.691	0.012	99	8697	1.00	0.9538	
17 1,1,2-Trichloro-1,2,2-trif	101	1.734	1.721	0.013	56	3415	1.00	0.9710	
18 Iodomethane	142	1.764	1.764	0.000	95	5033	1.00	1.01	
19 Cyclopentene	67	1.849	1.843	0.006	95	6064	1.00	0.9447	
20 Acrolein	56	1.867	1.867	0.000	27	589	4.00	5.07	
21 3-Chloro-1-propene	76	1.953	1.946	0.006	91	1819	1.00	1.12	
22 Isopropyl alcohol	45	1.953	1.983	-0.031	5	930	10.0	16.4	
23 Methylene Chloride	84	2.019	2.019	0.000	93	3362	1.00	1.27	
24 Acetone	58	2.038	2.050	-0.012	54	373	5.00	4.68	
25 trans-1,2-Dichloroethene	96	2.111	2.111	0.000	88	2909	1.00	1.03	
26 Methyl acetate	74	2.129	2.123	0.006	79	268	2.00	1.86	
27 Hexane	56	2.159	2.153	0.006	68	2115	1.00	1.11	
28 Methyl tert-butyl ether	73	2.190	2.184	0.006	33	6139	1.00	1.06	
* 29 TBA-d9 (IS)	65	2.208	2.208	0.000	41	106795	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.251	2.263	-0.012	16	1472	10.0	12.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.348	2.348	0.000	56	1499	10.0	13.0	Ma
32 Isopropyl ether	45	2.433	2.427	0.006	94	9317	1.00	1.06	
33 2-Chloro-1,3-butadiene	88	2.494	2.494	0.000	89	2921	1.00	1.09	
34 1,1-Dichloroethane	63	2.512	2.506	0.006	97	5324	1.00	1.10	
35 Acrylonitrile	53	2.555	2.549	0.006	84	3928	10.0	11.2	
36 Tert-butyl ethyl ether	59	2.683	2.676	0.007	79	7501	1.00	0.9810	
37 Vinyl acetate	86	2.689	2.683	0.006	98	911	2.00	2.55	
38 cis-1,2-Dichloroethene	96	2.889	2.883	0.006	85	3146	1.00	1.04	M
39 2,2-Dichloropropane	79	2.956	2.969	-0.012	89	1808	1.00	0.9894	a
40 Cyclohexane	84	3.023	3.029	-0.006	86	5207	1.00	1.01	
41 Chlorobromomethane	128	3.035	3.029	0.006	79	1317	1.00	1.03	
42 Chloroform	83	3.096	3.090	0.006	98	4578	1.00	0.9253	
43 Carbon tetrachloride	117	3.194	3.188	0.006	92	6245	1.00	1.08	M
44 Ethyl acetate	70	3.206	3.194	0.012	51	344	2.00	2.28	
45 Methyl acrylate	55	3.212	3.194	0.018	44	1253	1.00	1.12	M
46 Tetrahydrofuran	72	3.218	3.206	0.012	0	366	2.00	2.10	M
$ 47 Dibromofluoromethane (Surr	113	3.236	3.236	0.000	97	115147	50.0	48.6	
48 1,1,1-Trichloroethane	97	3.248	3.248	0.000	36	5180	1.00	0.9440	
* 49 2-Butanone-d5	46	3.297	3.297	0.000	0	97033	250.0	250.0	
50 2-Butanone (MEK)	72	3.352	3.334	0.018	59	1105	5.00	6.44	Ma
51 1,1-Dichloropropene	75	3.333	3.334	-0.001	90	5191	1.00	1.21	a
52 Isooctane	57	3.425	3.425	0.000	97	5905	1.00	0.9380	
53 n-Heptane	57	3.516	3.516	0.000	59	1765	1.00	1.04	
54 Benzene	78	3.546	3.540	0.006	96	12020	1.00	1.05	
55 Propionitrile	54	3.577	3.577	0.000	39	1913	10.0	13.7	
56 Methacrylonitrile	67	3.595	3.589	0.006	89	4488	10.0	9.07	
57 Tert-amyl methyl ether	73	3.656	3.650	0.006	38	6398	1.00	0.9478	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.662	3.656	0.006	98	103371	50.0	49.0	
59 1,2-Dichloroethane	62	3.729	3.717	0.012	86	3408	1.00	1.16	a
60 Isobutyl alcohol	43	3.790	3.772	0.018	57	1171	25.0	27.5	M
* 61 Fluorobenzene	96	3.899	3.899	0.000	99	437052	50.0	50.0	
62 Isopropyl acetate	43	3.972	3.960	0.012	47	2266	1.00	0.8650	
63 Methylcyclohexane	83	4.027	4.033	-0.006	92	4962	1.00	0.9875	
64 Trichloroethene	95	4.051	4.045	0.006	94	3918	1.00	1.19	
66 Dibromomethane	93	4.447	4.441	0.006	61	1227	1.00	1.04	
67 1,2-Dichloropropane	63	4.538	4.538	0.000	87	2972	1.00	1.08	a
68 Ethyl acrylate	55	4.593	4.599	-0.006	38	2191	1.00	1.17	
69 Dichlorobromomethane	83	4.611	4.617	-0.006	71	3463	1.00	0.9575	
* 70 1,4-Dioxane-d8	96	4.806	4.800	0.006	58	10216	1000.0	1000.0	a
71 Methyl methacrylate	100	4.806	4.806	0.000	63	1244	2.00	2.62	
72 1,4-Dioxane	88	4.818	4.830	-0.012	26	619	50.0	58.5	Ma
73 n-Propyl acetate	43	4.970	4.970	0.000	74	2123	1.00	1.10	
74 2-Chloroethyl vinyl ether	63	5.244	5.250	-0.006	40	1182	1.00	1.11	
75 cis-1,3-Dichloropropene	75	5.274	5.280	-0.006	95	4379	1.00	1.06	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	100	532588	50.0	50.0	
77 Toluene	91	5.536	5.536	0.000	93	14112	1.00	1.05	
78 Epichlorohydrin	57	5.572	5.572	0.000	38	2518	20.0	20.6	
79 2-Nitropropane	41	5.828	5.816	0.012	42	1054	2.00	3.22	a
80 Tetrachloroethene	166	5.962	5.968	-0.006	86	3771	1.00	1.04	
81 4-Methyl-2-pentanone (MIBK	43	6.022	6.022	0.000	95	5612	5.00	4.65	
82 trans-1,3-Dichloropropene	75	6.059	6.053	0.006	74	3587	1.00	1.06	a
83 1,1,2-Trichloroethane	83	6.235	6.241	-0.006	61	1591	1.00	1.15	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.296	6.302	-0.006	32	2257	1.00	0.9634	
85 Chlorodibromomethane	129	6.436	6.436	0.000	64	2202	1.00	0.9691	
86 1,3-Dichloropropane	76	6.564	6.558	0.006	76	3000	1.00	1.04	
87 Ethylene Dibromide	107	6.704	6.692	0.012	49	1907	1.00	1.15	
88 n-Butyl acetate	43	7.020	7.026	-0.006	73	2521	1.00	1.11	
89 2-Hexanone	58	7.111	7.099	0.012	49	2811	5.00	6.08	
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	85	452787	50.0	50.0	
91 Chlorobenzene	112	7.409	7.410	-0.001	93	9160	1.00	1.05	
92 Ethylbenzene	106	7.489	7.495	-0.006	98	4946	1.00	1.01	
93 1,1,1,2-Tetrachloroethane	131	7.531	7.525	0.006	87	3501	1.00	1.01	
94 m-Xylene & p-Xylene	106	7.701	7.708	-0.007	0	6088	1.00	1.01	
95 o-Xylene	106	8.310	8.310	0.000	93	6119	1.00	1.02	
96 Bromoform	173	8.383	8.383	0.000	38	1455	1.00	1.05	
97 Styrene	104	8.389	8.395	-0.006	97	9301	1.00	1.01	
98 n-Butyl acrylate	73	8.705	8.705	0.000	95	1604	1.00	1.12	
99 Isopropylbenzene	105	8.784	8.784	0.000	93	17124	1.00	1.03	
100 Amyl acetate (mixed isomer	43	9.070	9.064	0.006	83	3397	1.00	1.08	
$ 101 4-Bromofluorobenzene	174	9.113	9.113	0.000	94	184798	50.0	49.6	
102 Bromobenzene	156	9.198	9.198	0.000	95	3952	1.00	1.06	
103 N-Propylbenzene	91	9.308	9.308	0.000	98	17776	1.00	0.9879	
104 1,1,2,2-Tetrachloroethane	83	9.423	9.423	0.000	56	1789	1.00	1.04	
105 2-Chlorotoluene	91	9.441	9.441	0.000	88	12883	1.00	1.02	
106 4-Ethyltoluene	105	9.441	9.441	0.000	89	16402	1.00	1.02	
107 1,2,3-Trichloropropane	110	9.533	9.527	0.006	39	585	1.00	1.02	a
108 1,3,5-Trimethylbenzene	105	9.551	9.557	-0.006	93	13885	1.00	0.99	
109 trans-1,4-Dichloro-2-buten	53	9.600	9.606	-0.006	20	930	1.00	1.68	a
110 4-Chlorotoluene	91	9.630	9.630	0.000	97	10581	1.00	0.9620	
111 tert-Butylbenzene	119	9.873	9.873	0.000	95	11764	1.00	0.9831	
112 Butyl Methacrylate	87	9.934	9.934	0.000	92	3464	1.00	0.8930	
113 1,2,4-Trimethylbenzene	105	9.952	9.952	0.000	97	13848	1.00	0.9766	
114 sec-Butylbenzene	105	10.050	10.050	0.000	98	16695	1.00	0.9830	
115 4-Isopropyltoluene	119	10.208	10.214	-0.006	97	15613	1.00	1.00	
116 1,3-Dichlorobenzene	146	10.220	10.220	0.000	95	7838	1.00	1.02	
* 117 1,4-Dichlorobenzene-d4	152	10.299	10.299	0.000	94	272950	50.0	50.0	
118 1,4-Dichlorobenzene	146	10.311	10.311	0.000	89	7810	1.00	1.02	
119 1,2,3-Trimethylbenzene	105	10.360	10.360	0.000	97	16096	1.00	1.04	
120 2,3-Dihydroindene	117	10.463	10.470	-0.007	93	13416	1.00	1.01	
121 p-Diethylbenzene	119	10.549	10.555	-0.006	95	8718	1.00	1.06	
122 Benzyl chloride	126	10.561	10.561	0.000	86	1363	1.00	1.36	
123 n-Butylbenzene	92	10.597	10.597	0.000	98	7393	1.00	1.07	
124 1,2-Dichlorobenzene	146	10.682	10.689	-0.007	95	6759	1.00	1.00	
125 1,2,4,5-Tetramethylbenzene	119	11.242	11.248	-0.006	97	16626	1.00	1.03	
126 1,2-Dibromo-3-Chloropropan	157	11.376	11.376	0.000	20	646	1.00	1.76	
127 1,3,5-Trichlorobenzene	180	11.400	11.400	0.000	94	7065	1.00	1.07	
128 Hexachlorobutadiene	225	11.905	11.905	0.000	72	2722	1.00	1.10	
129 1,2,4-Trichlorobenzene	180	11.911	11.911	0.000	88	5904	1.00	1.14	
130 Naphthalene	128	12.155	12.155	0.000	98	6092	1.00	0.9422	
131 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	93	4322	1.00	1.17	
S 132 1,2-Dichloroethene, Total	100				0		2.00	2.07	
S 133 Xylenes, Total	100				0		2.00	2.03	
S 134 Total BTEX	1				0		5.00	5.13	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00315	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00097	Amount Added:	10.00	Units: uL	
ACROLEIN W_00090	Amount Added:	4.00	Units: uL	
524freon_00006	Amount Added:	10.00	Units: uL	
14DIOXINTER_00100	Amount Added:	30.00	Units: uL	
8260SURR250_00195	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00128	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-May-2019 17:44:49 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11 Operator ID:

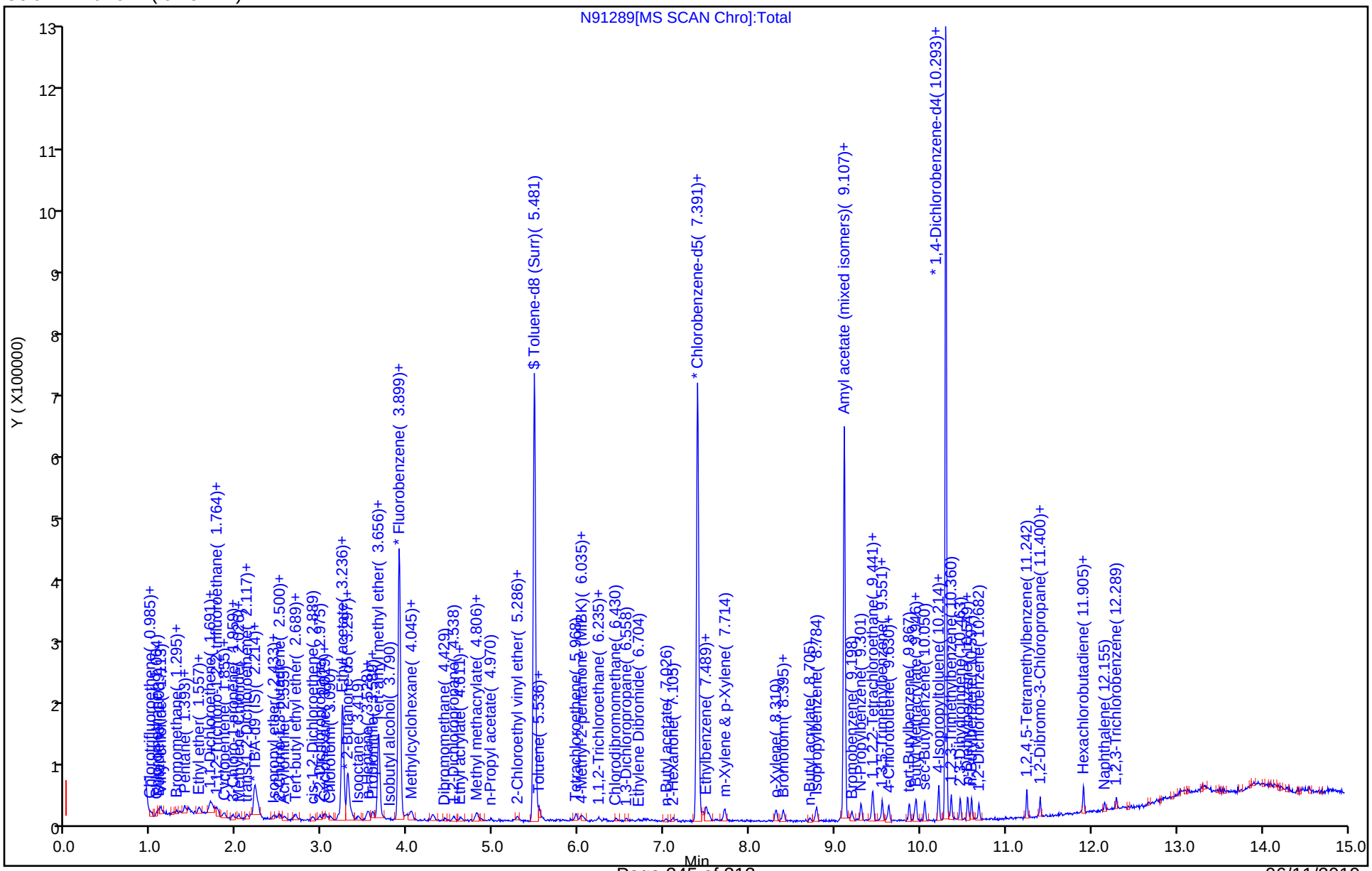
Lims ID: STD1 Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 19

Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

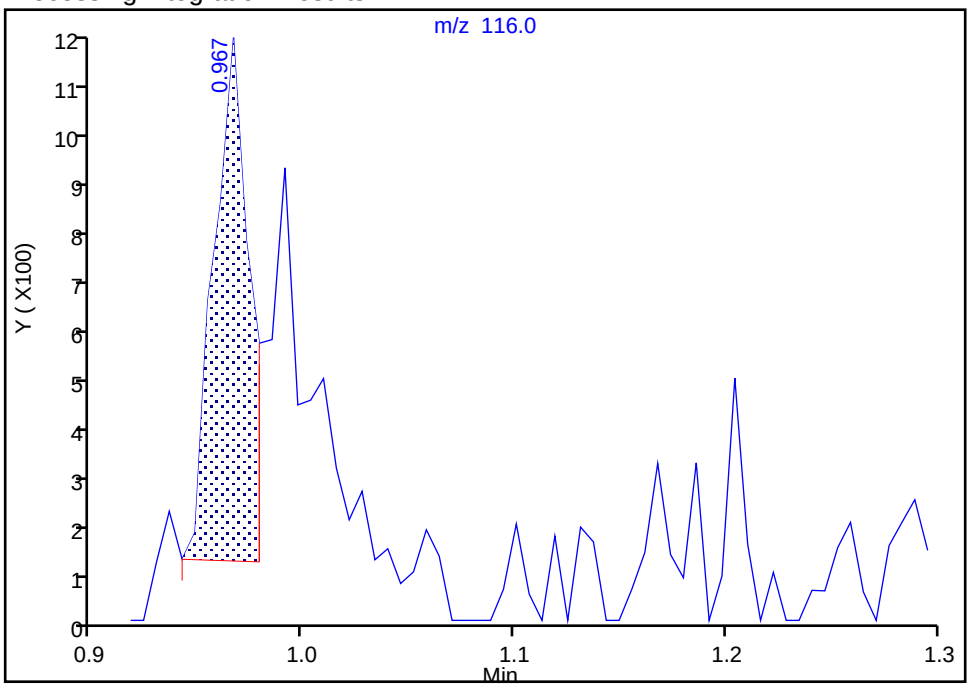
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D		
Injection Date:	22-May-2019 02:28:30	Instrument ID:	CVOAMS11
Lims ID:	STD1		
Client ID:			
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

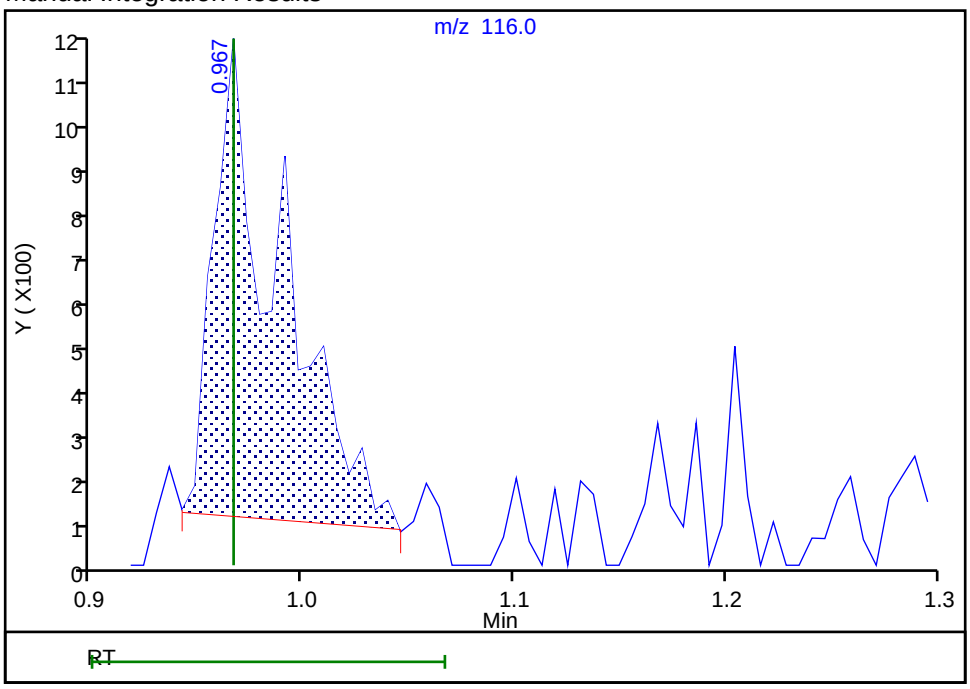
Processing Integration Results

RT: 0.97
Area: 1184
Amount: 0.133737
Amount Units: ug/l



Manual Integration Results

RT: 0.97
Area: 2222
Amount: 0.888153
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:41:50

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

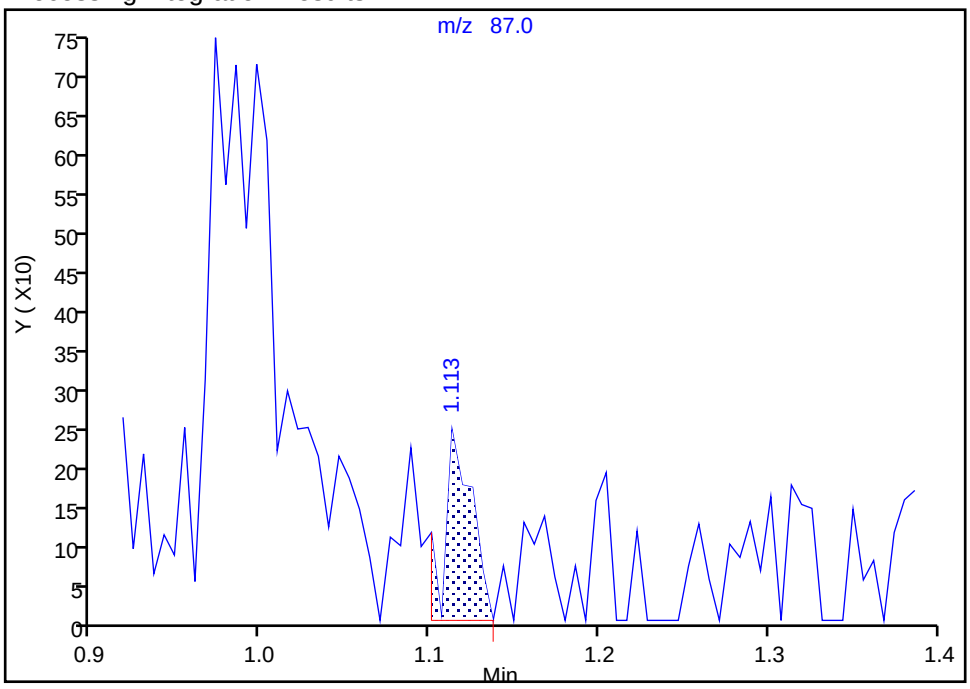
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

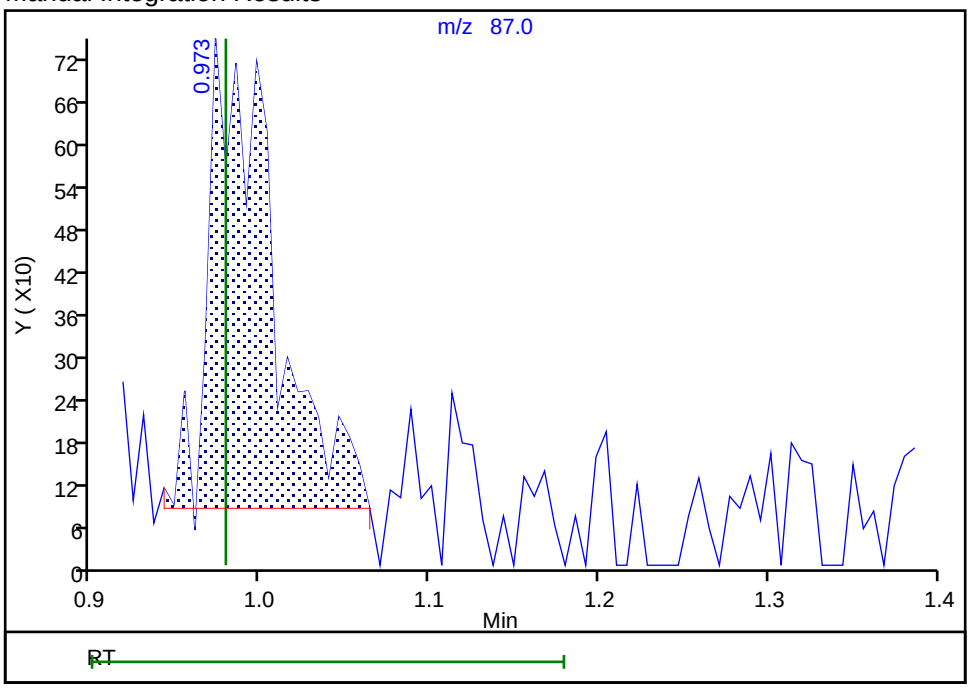
Processing Integration Results

RT: 1.11
Area: 280
Amount: 0.119953
Amount Units: ug/l



Manual Integration Results

RT: 0.97
Area: 1794
Amount: 0.805808
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:41:56
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

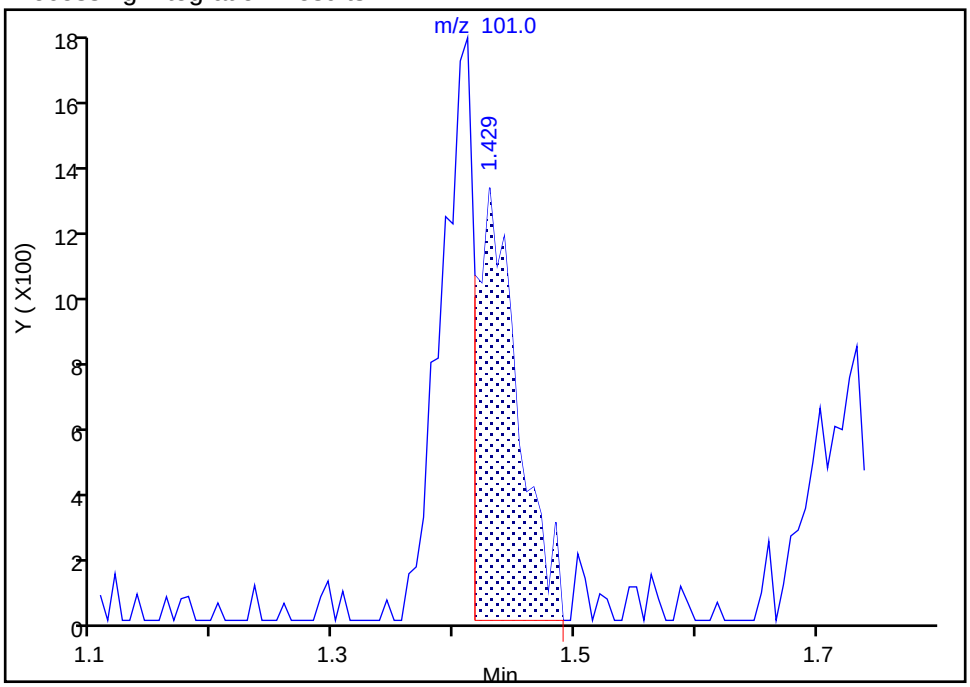
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

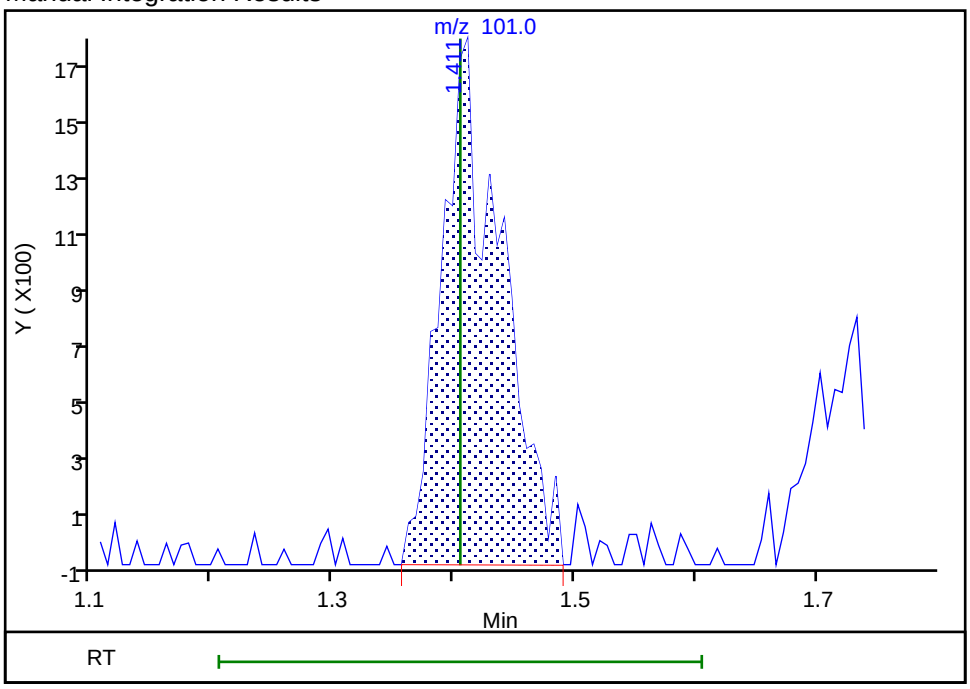
Processing Integration Results

RT: 1.43
Area: 3127
Amount: 0.506225
Amount Units: ug/l



Manual Integration Results

RT: 1.41
Area: 6100
Amount: 1.012416
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:42:11
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

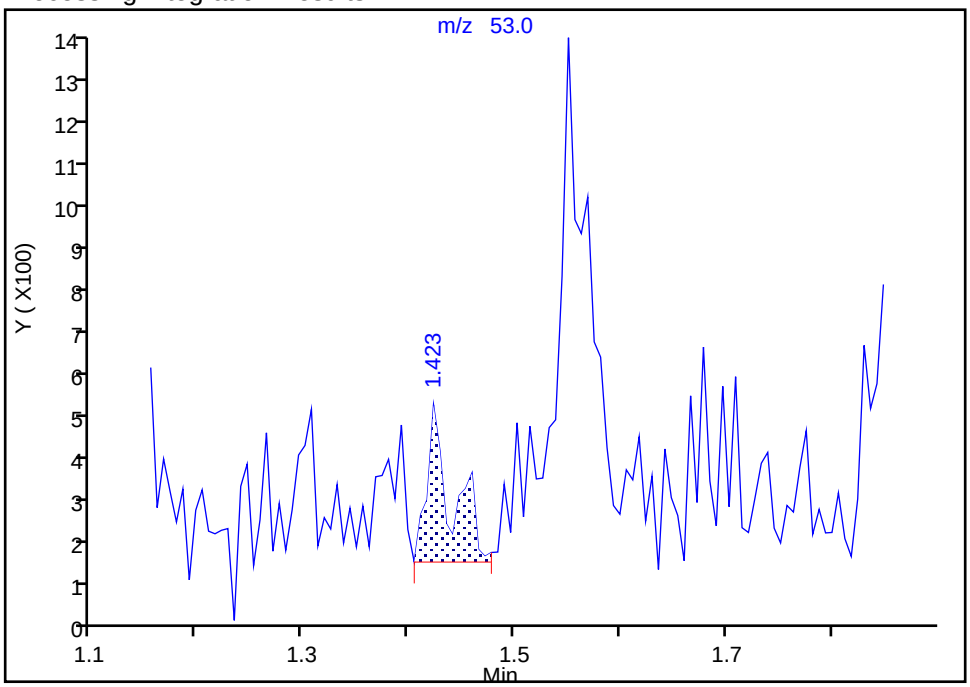
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

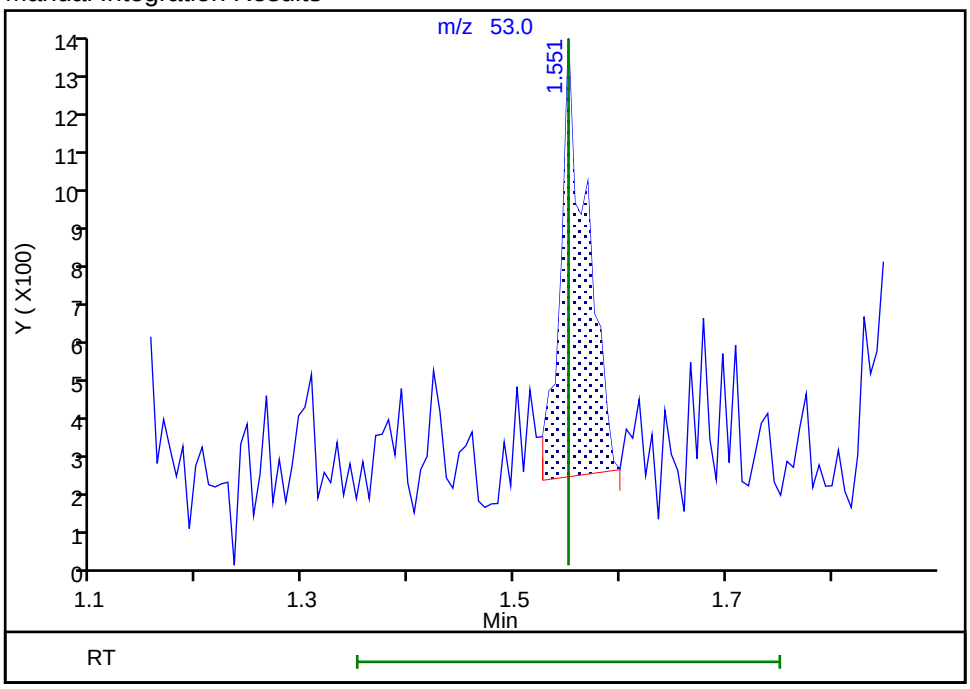
Processing Integration Results

RT: 1.42
Area: 588
Amount: 0.244927
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 1938
Amount: 0.841894
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:42:17
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

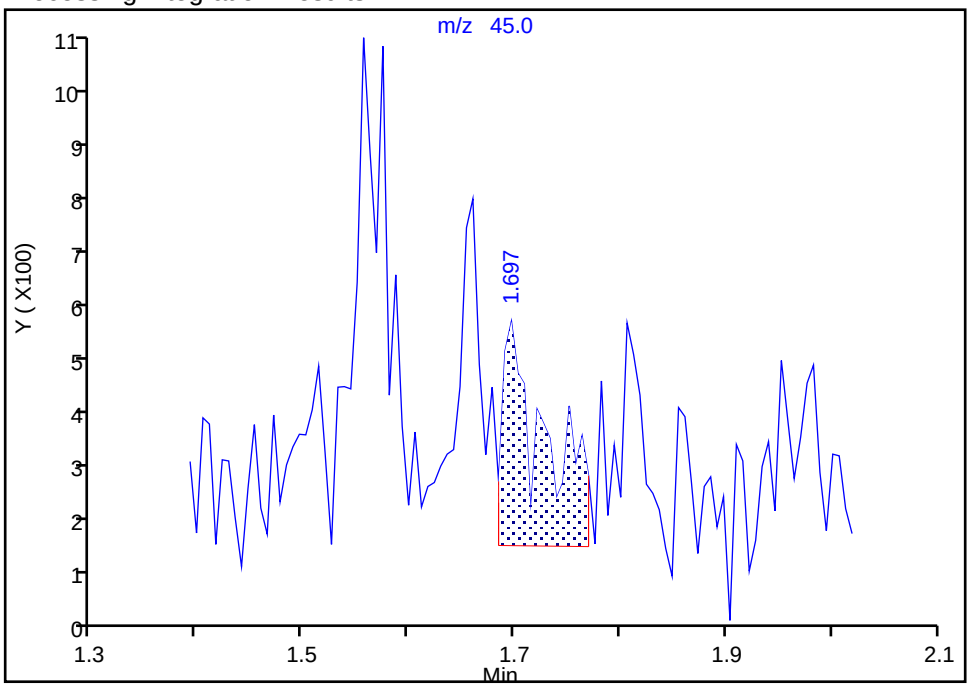
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Ethanol, CAS: 64-17-5

Signal: 1

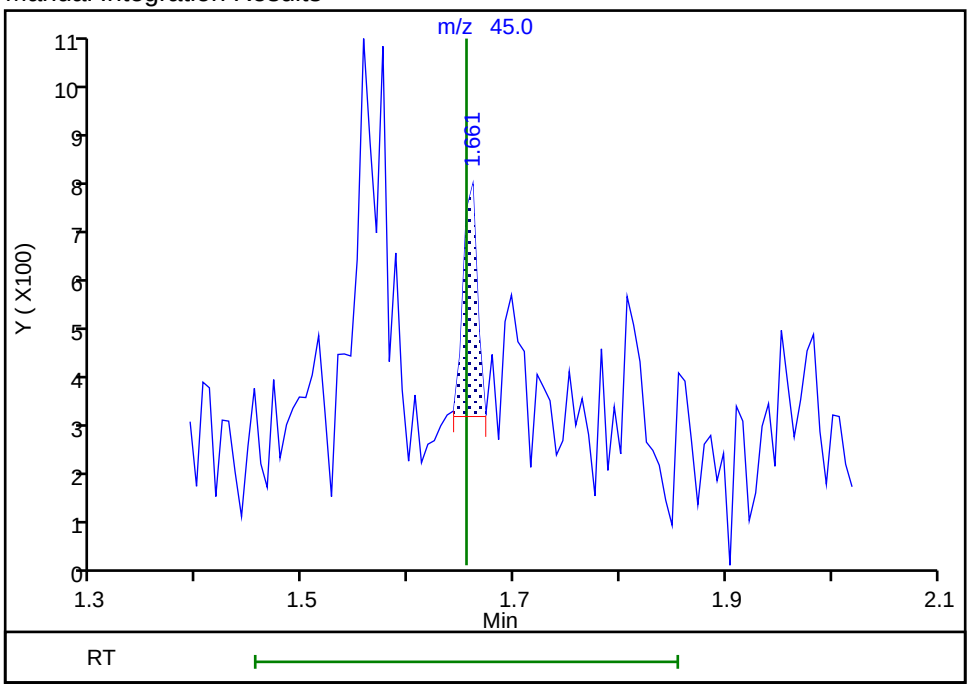
Processing Integration Results

RT: 1.70
Area: 1115
Amount: 97.441396
Amount Units: ug/l



Manual Integration Results

RT: 1.66
Area: 420
Amount: 39.909242
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 17:03:19
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

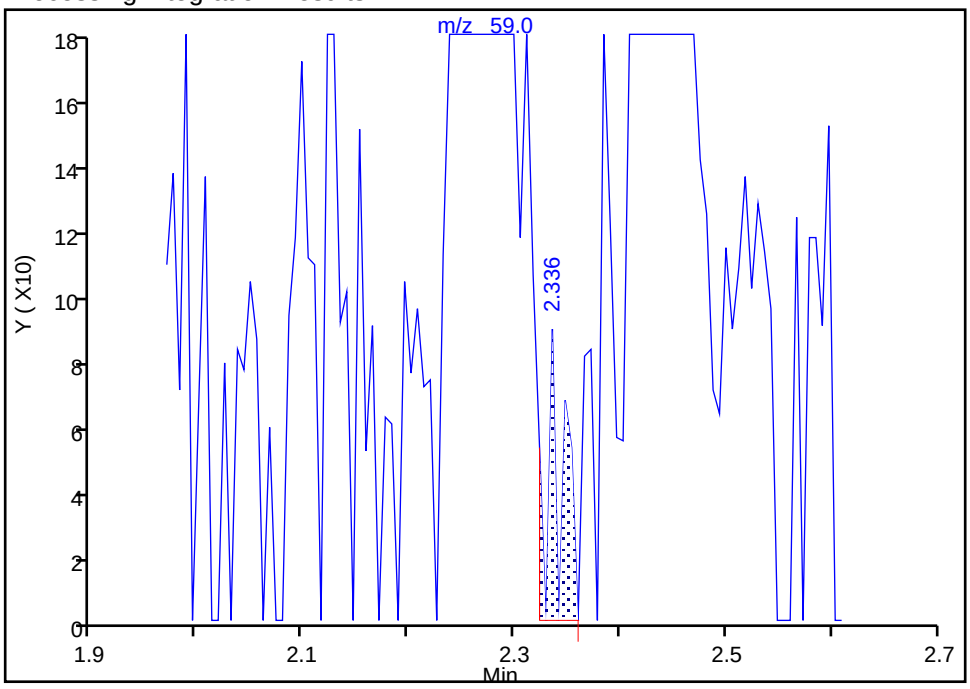
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

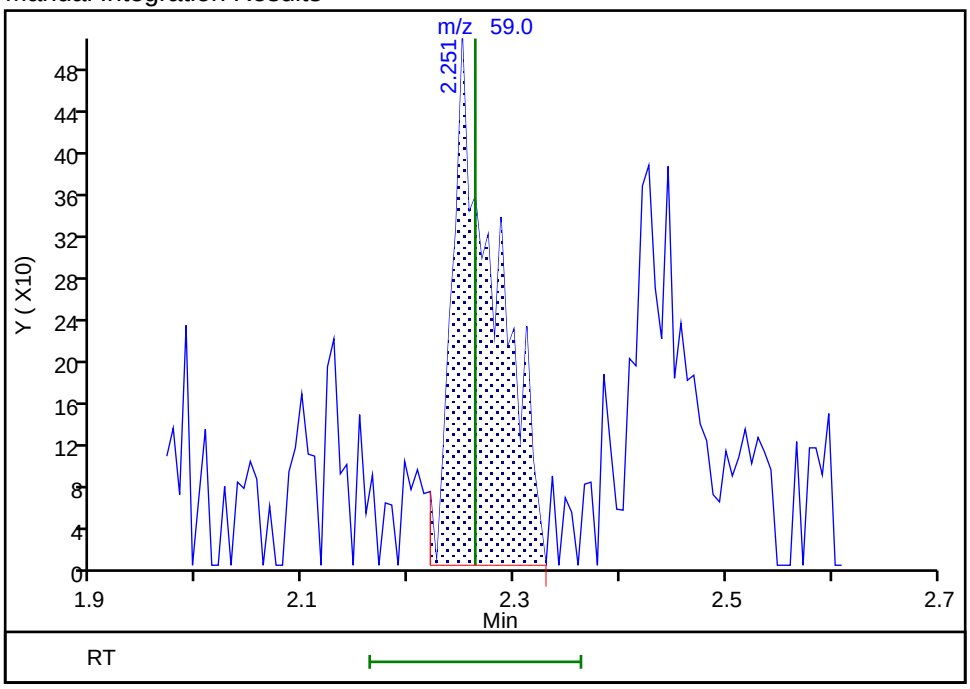
Processing Integration Results

RT: 2.34
Area: 92
Amount: 0.792655
Amount Units: ug/l



Manual Integration Results

RT: 2.25
Area: 1472
Amount: 12.028438
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:43:22
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

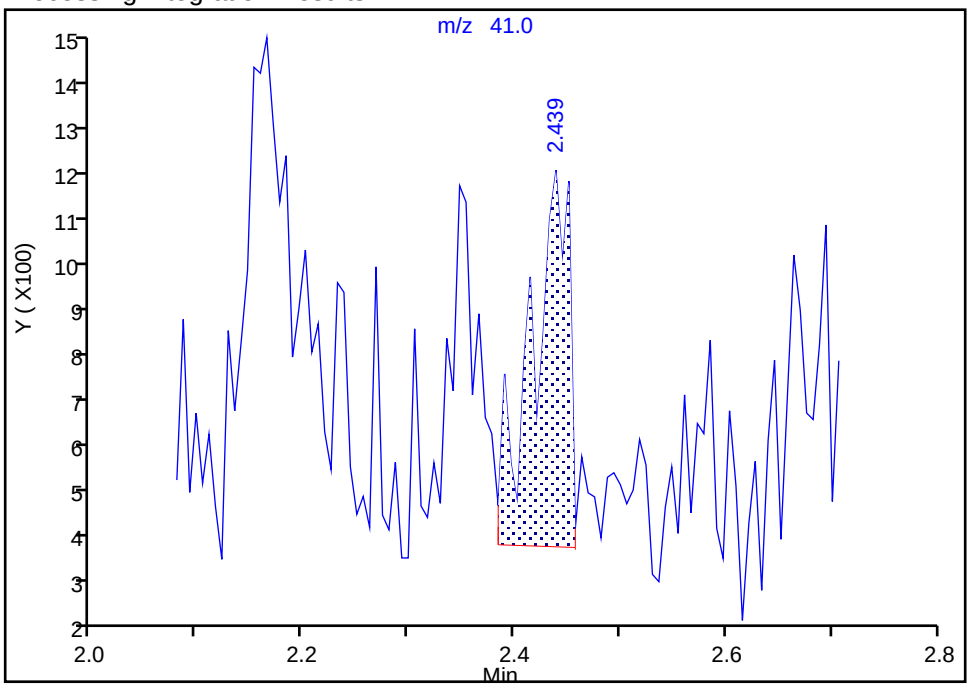
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Acetonitrile, CAS: 75-05-8

Signal: 1

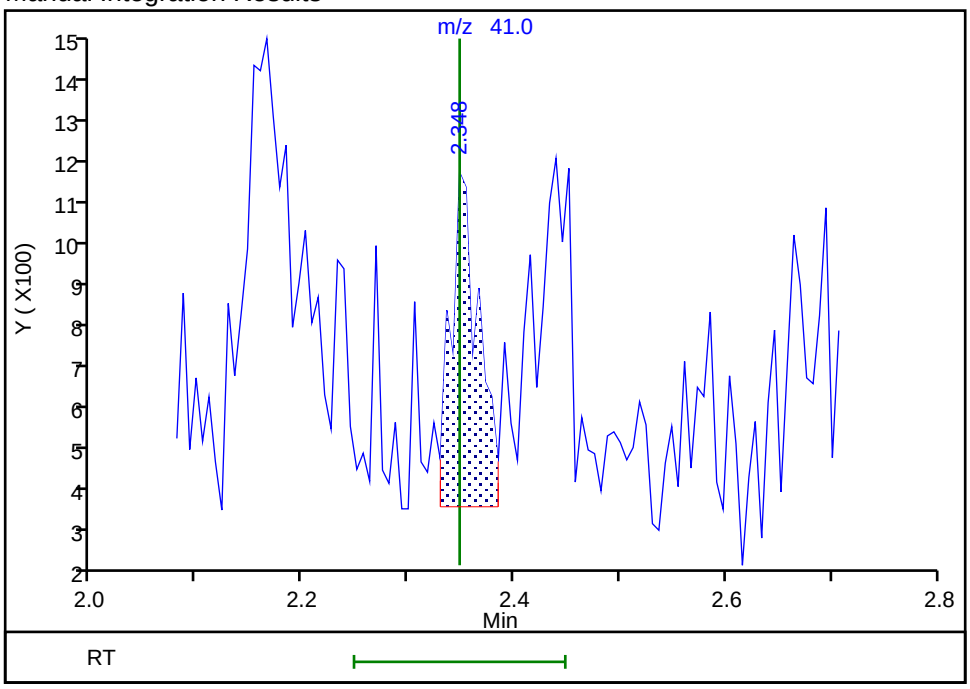
Processing Integration Results

RT: 2.44
Area: 1998
Amount: 16.985057
Amount Units: ug/l



Manual Integration Results

RT: 2.35
Area: 1499
Amount: 13.049730
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 17:04:42
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

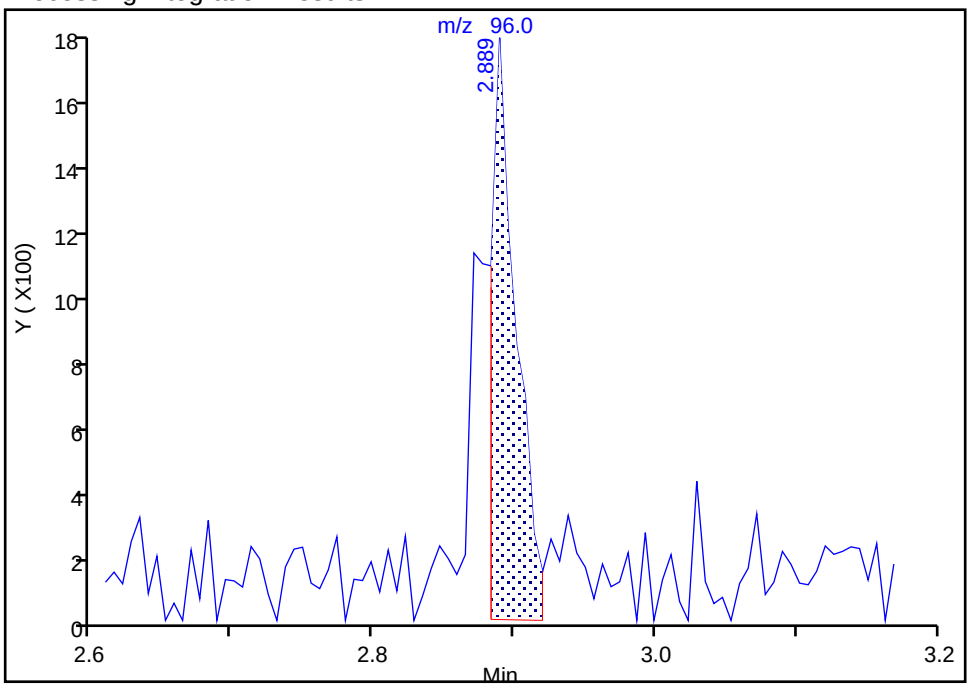
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

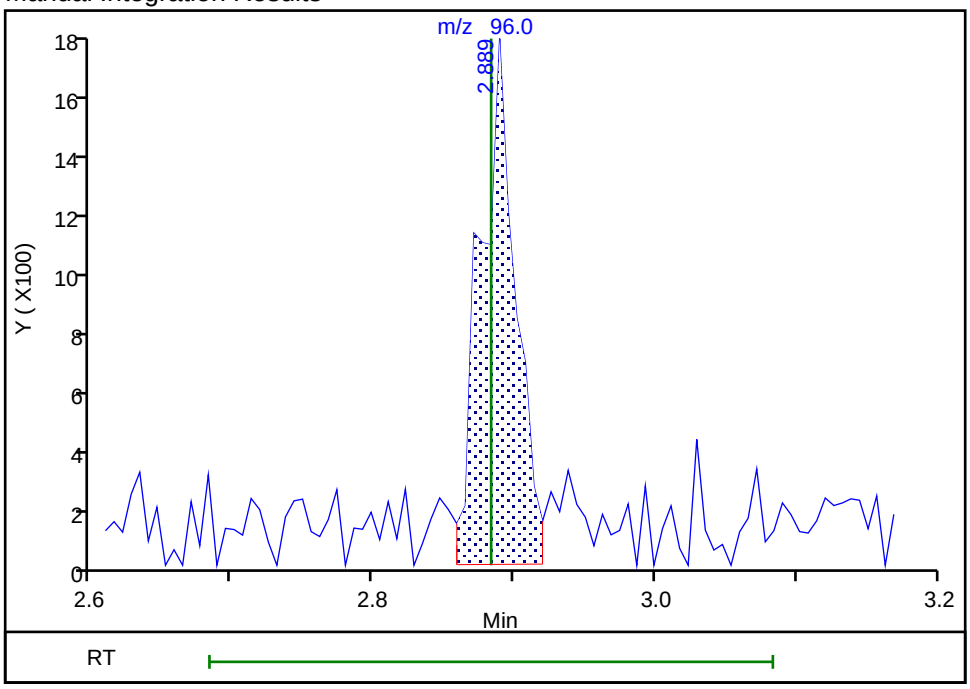
Processing Integration Results

RT: 2.89
Area: 2212
Amount: 0.770498
Amount Units: ug/l



Manual Integration Results

RT: 2.89
Area: 3146
Amount: 1.039471
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:43:52
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

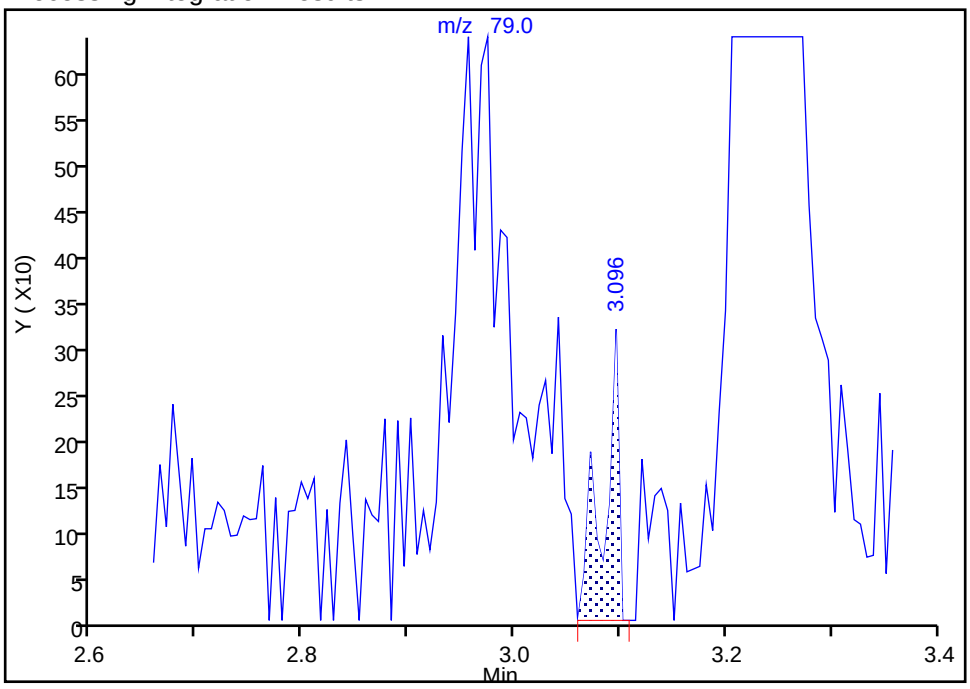
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

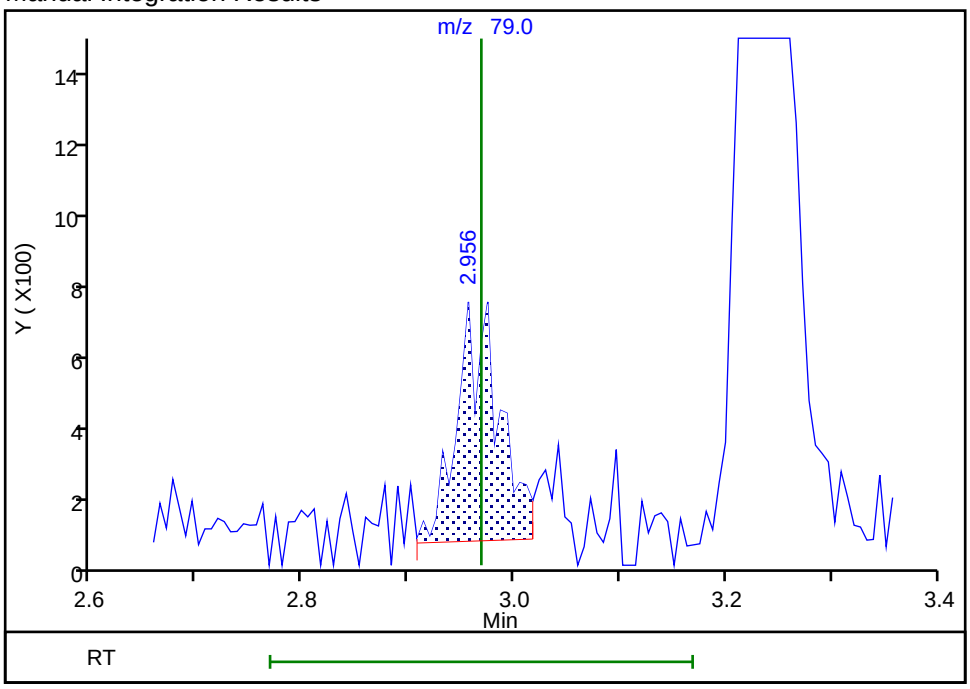
Processing Integration Results

RT: 3.10
Area: 304
Amount: 0.231460
Amount Units: ug/l



Manual Integration Results

RT: 2.96
Area: 1808
Amount: 0.989439
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:44:01
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

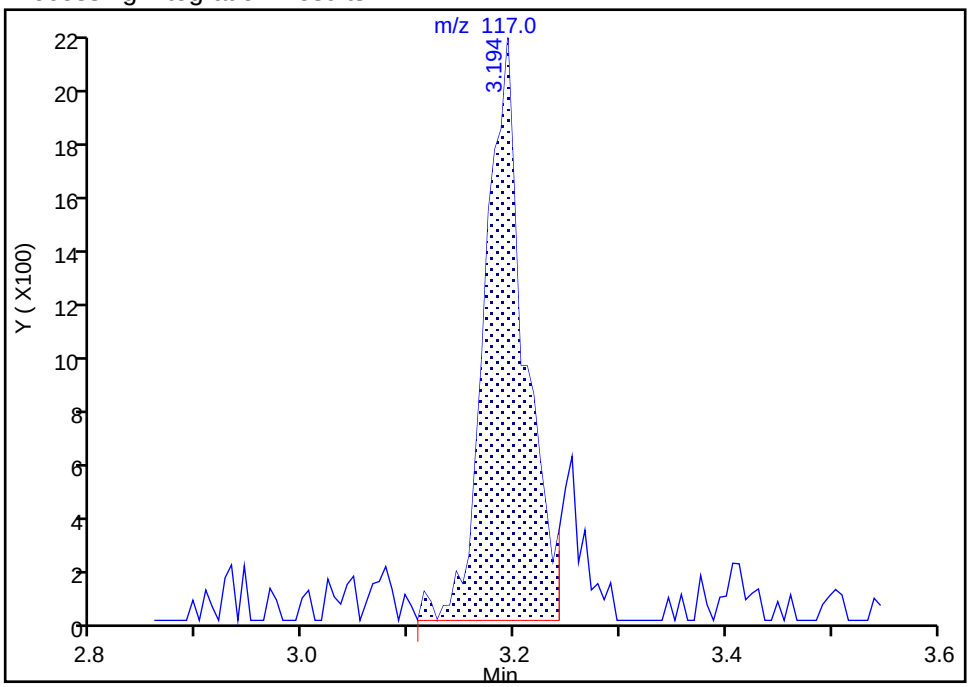
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

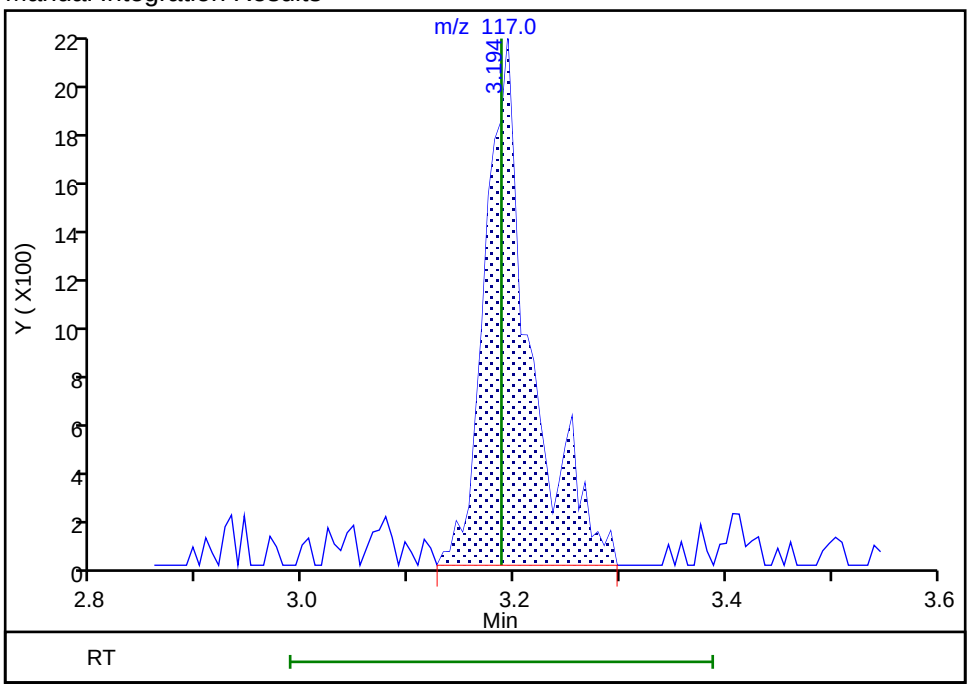
Processing Integration Results

RT: 3.19
Area: 5553
Amount: 0.978227
Amount Units: ug/l



Manual Integration Results

RT: 3.19
Area: 6245
Amount: 1.078224
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 17:39:18
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

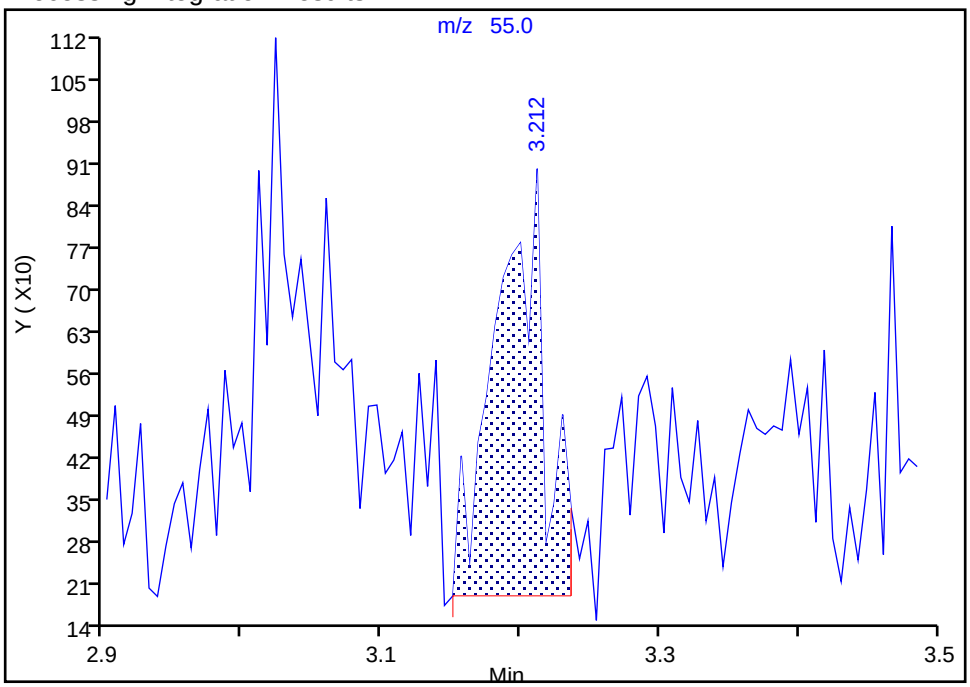
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Methyl acrylate, CAS: 96-33-3

Signal: 1

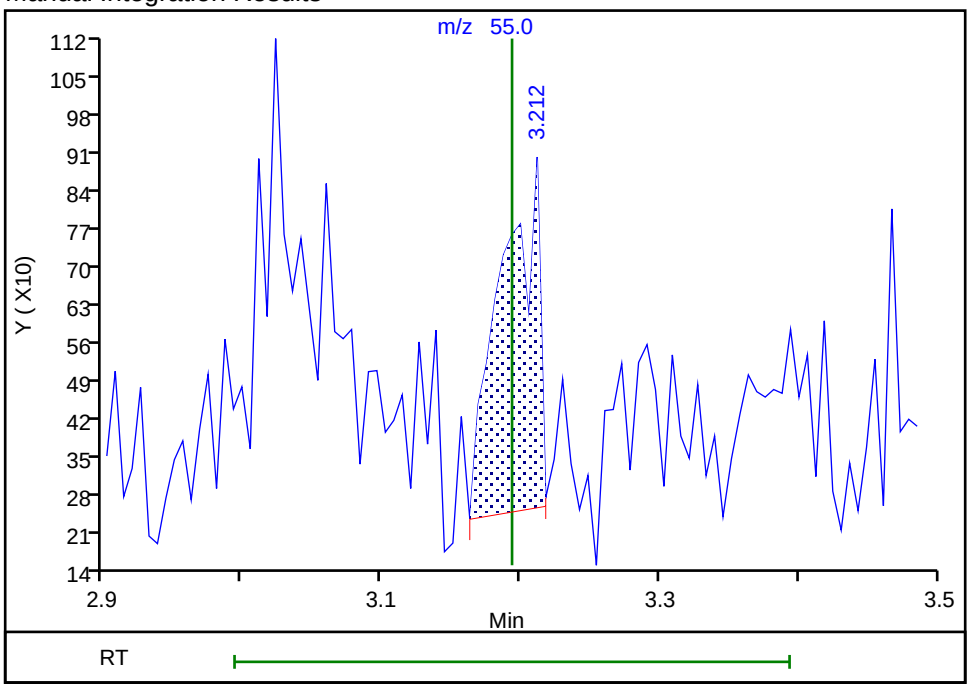
Processing Integration Results

RT: 3.21
Area: 1764
Amount: 1.656370
Amount Units: ug/l



Manual Integration Results

RT: 3.21
Area: 1253
Amount: 1.118216
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 17:05:11
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

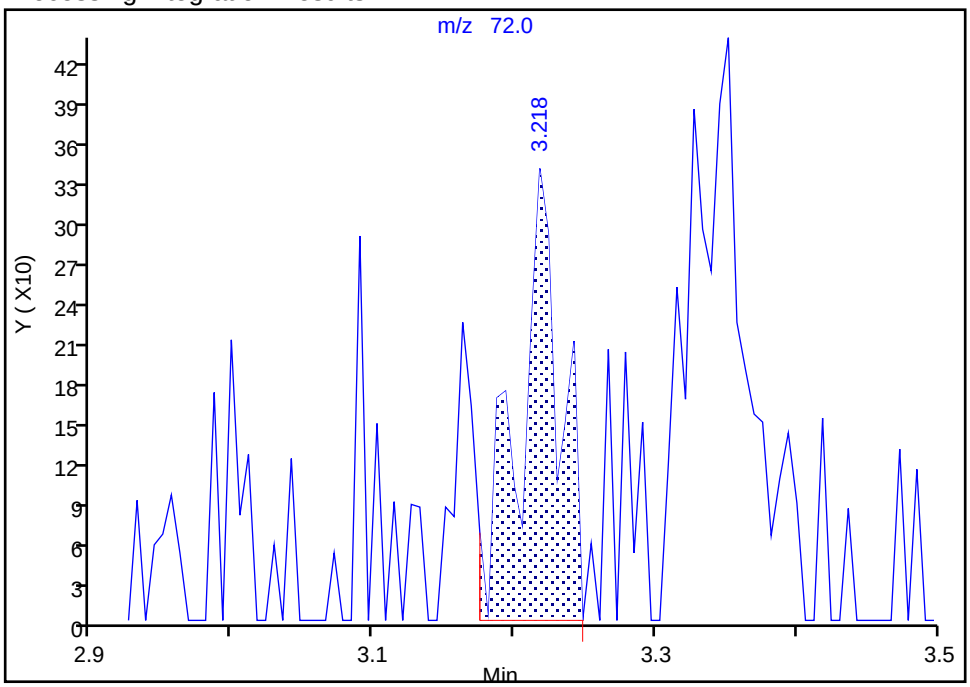
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

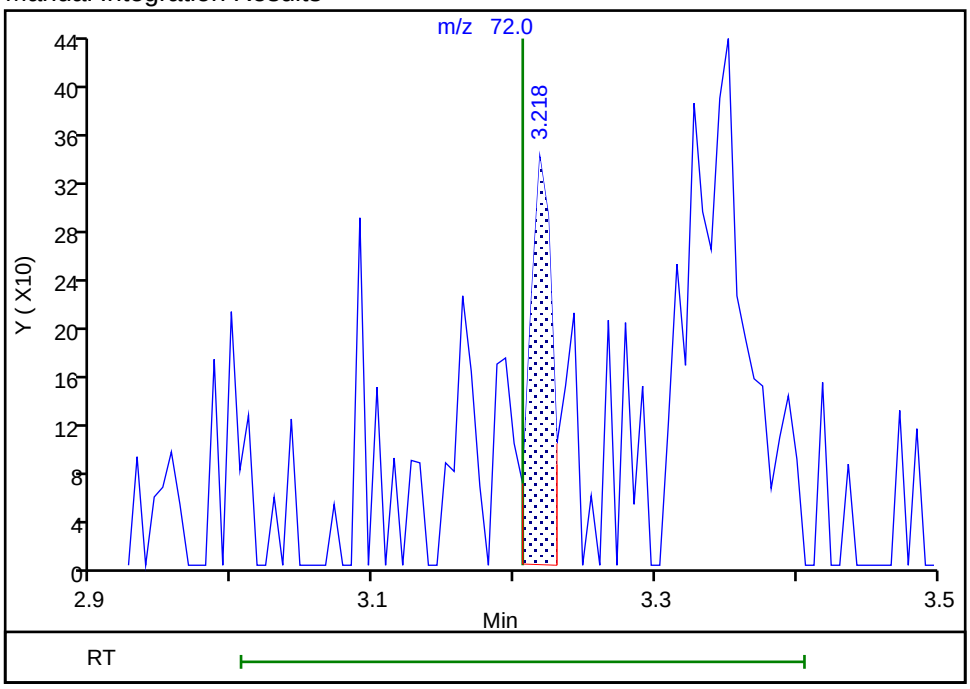
Processing Integration Results

RT: 3.22
Area: 679
Amount: 4.552677
Amount Units: ug/l



Manual Integration Results

RT: 3.22
Area: 366
Amount: 2.097379
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 17:05:47
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

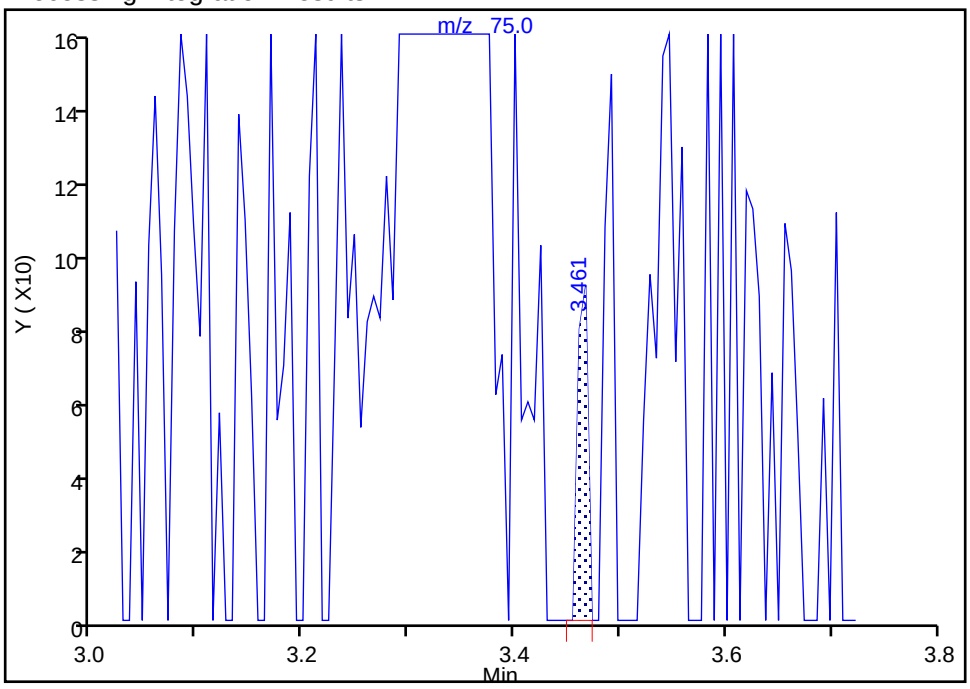
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D				
Injection Date:	22-May-2019 02:28:30	Instrument ID:	CVOAMS11		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

51 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

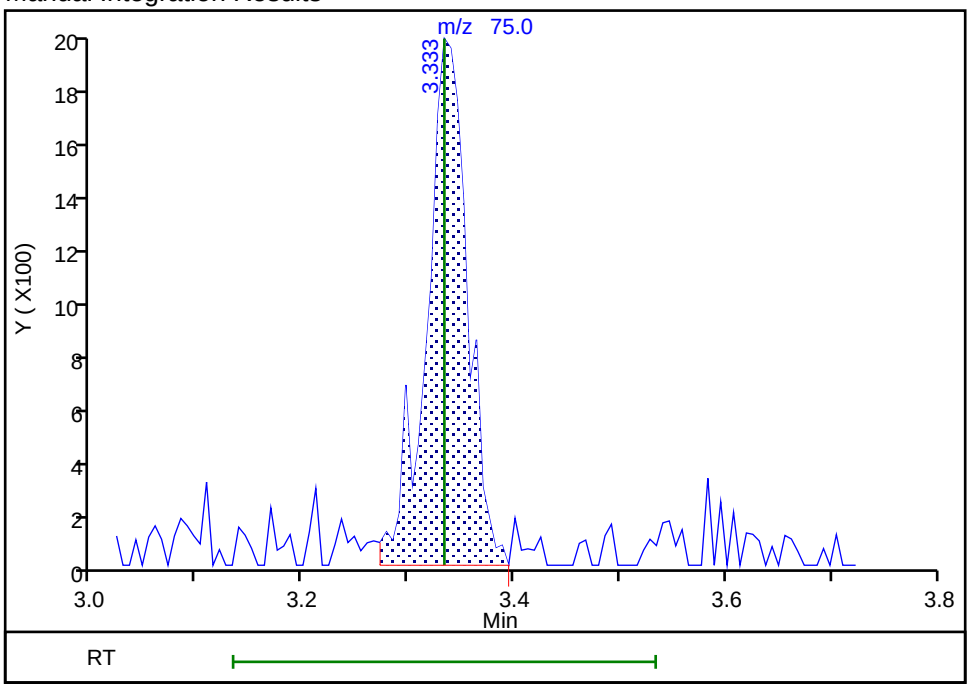
Processing Integration Results

RT: 3.46
Area: 63
Amount: 0.015323
Amount Units: ug/l



Manual Integration Results

RT: 3.33
Area: 5191
Amount: 1.209691
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:44:32

Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

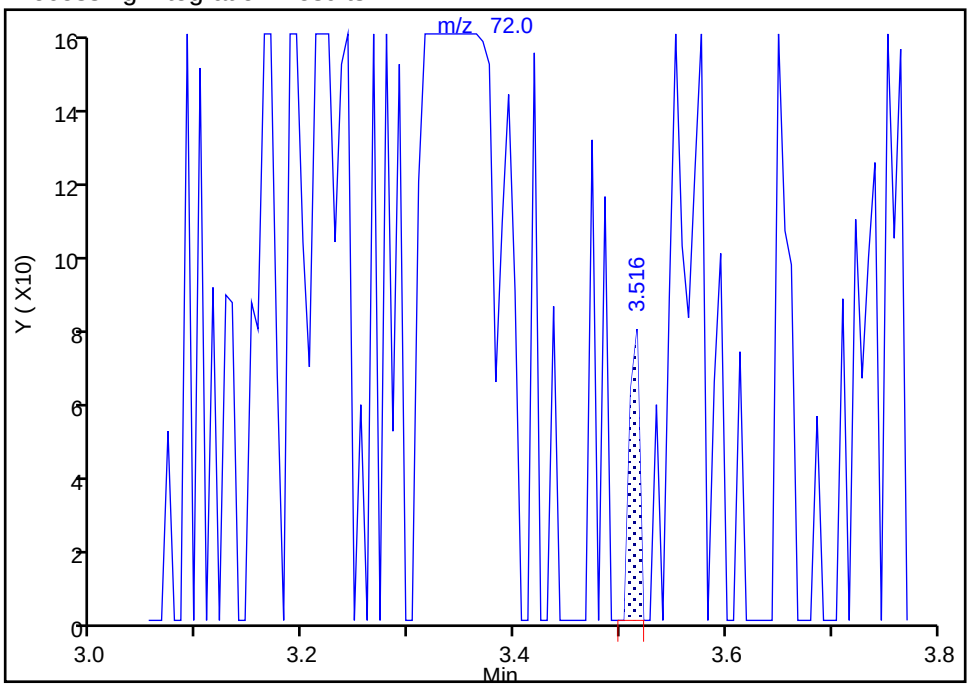
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

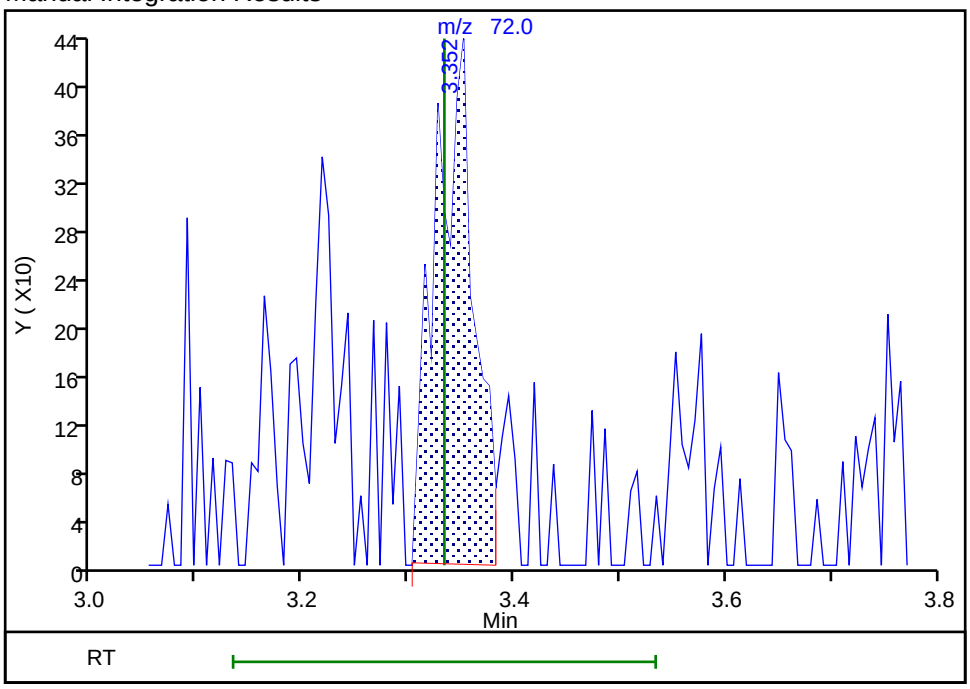
Processing Integration Results

RT: 3.52
Area: 50
Amount: 0.320217
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 1105
Amount: 6.443922
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:44:24
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

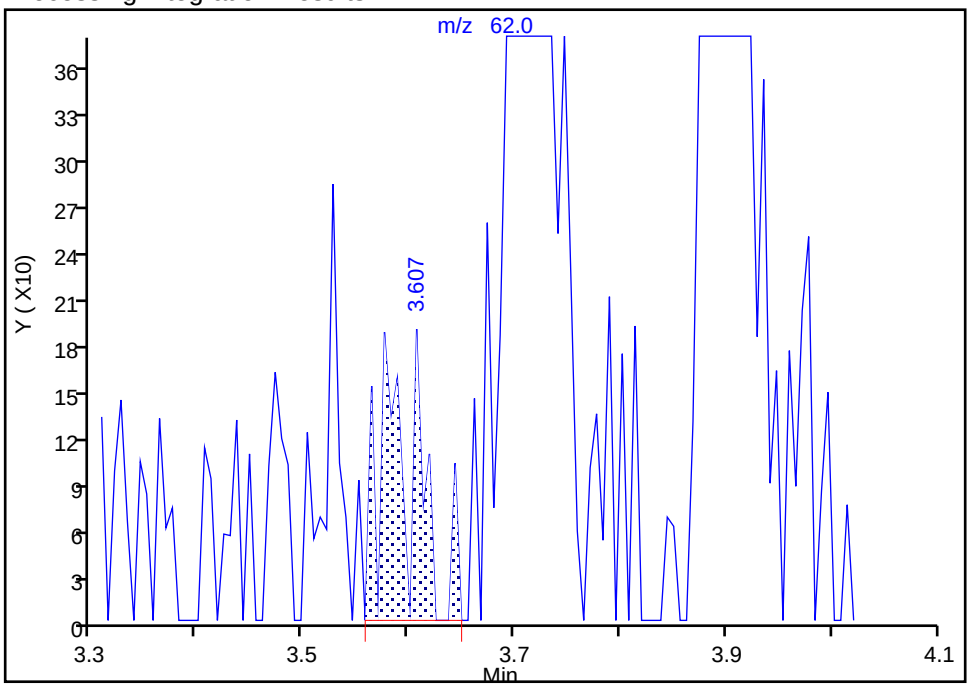
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D		
Injection Date:	22-May-2019 02:28:30	Instrument ID:	CVOAMS11
Lims ID:	STD1		
Client ID:			
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

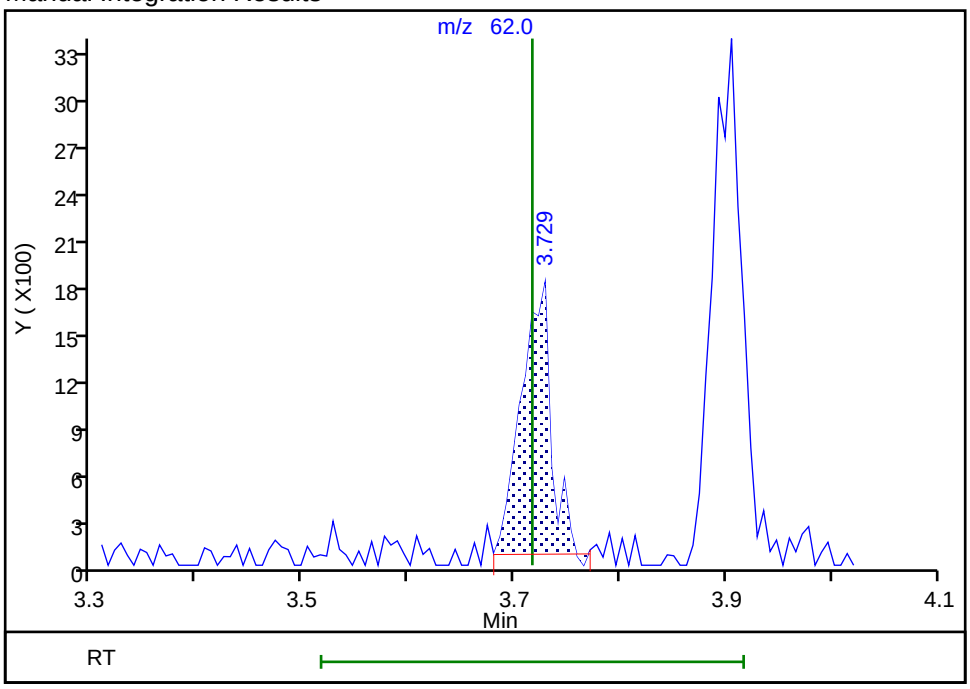
Processing Integration Results

RT: 3.61
Area: 427
Amount: 0.152187
Amount Units: ug/l



Manual Integration Results

RT: 3.73
Area: 3408
Amount: 1.160673
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:44:47

Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

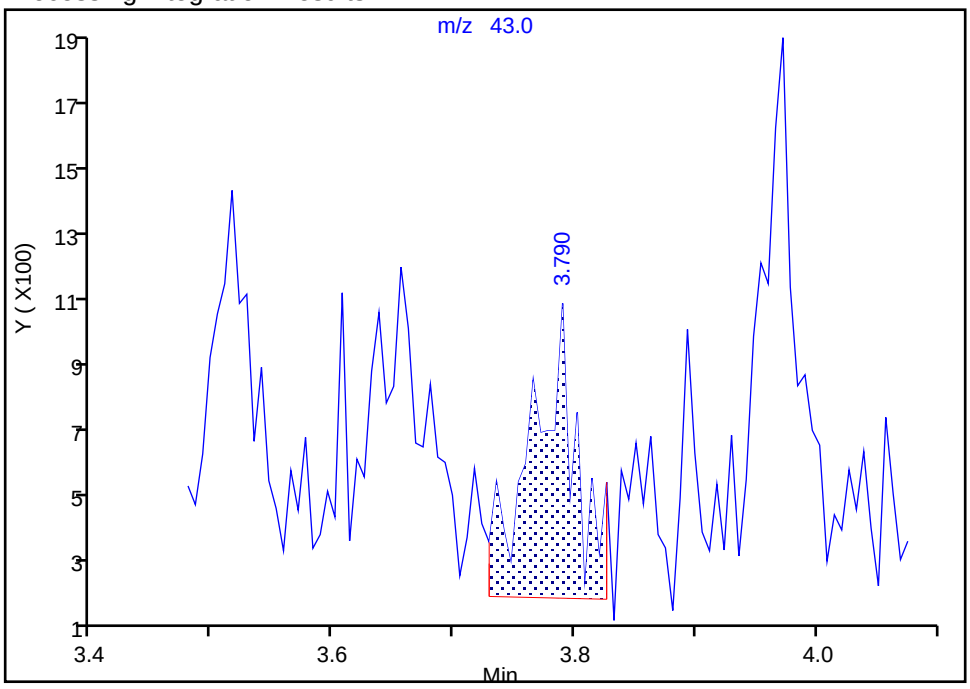
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

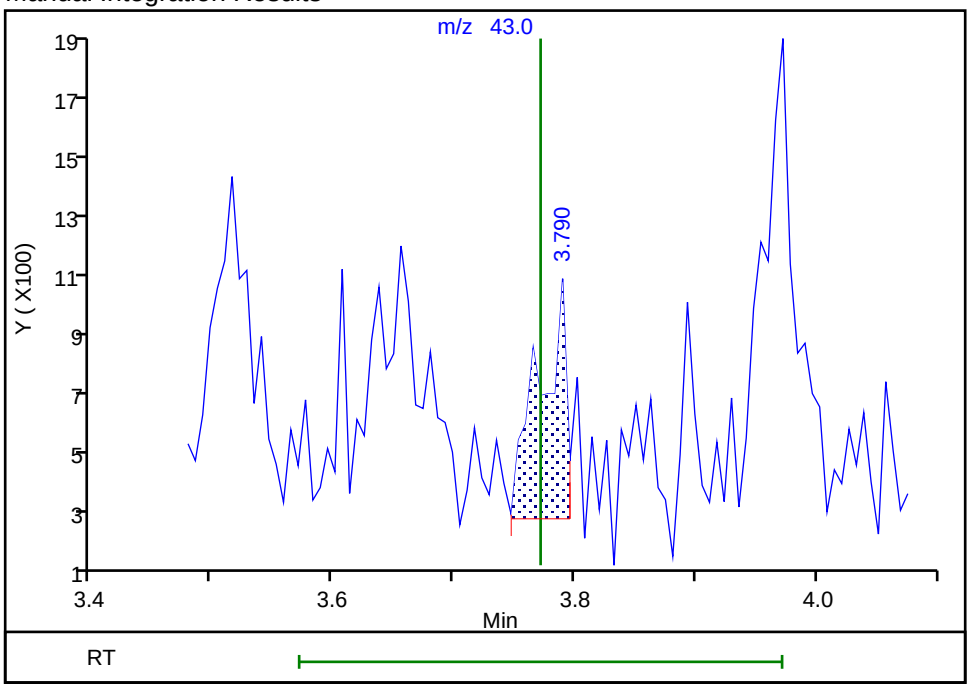
Processing Integration Results

RT: 3.79
Area: 2174
Amount: 48.241939
Amount Units: ug/l



Manual Integration Results

RT: 3.79
Area: 1171
Amount: 27.533817
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 17:06:28
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

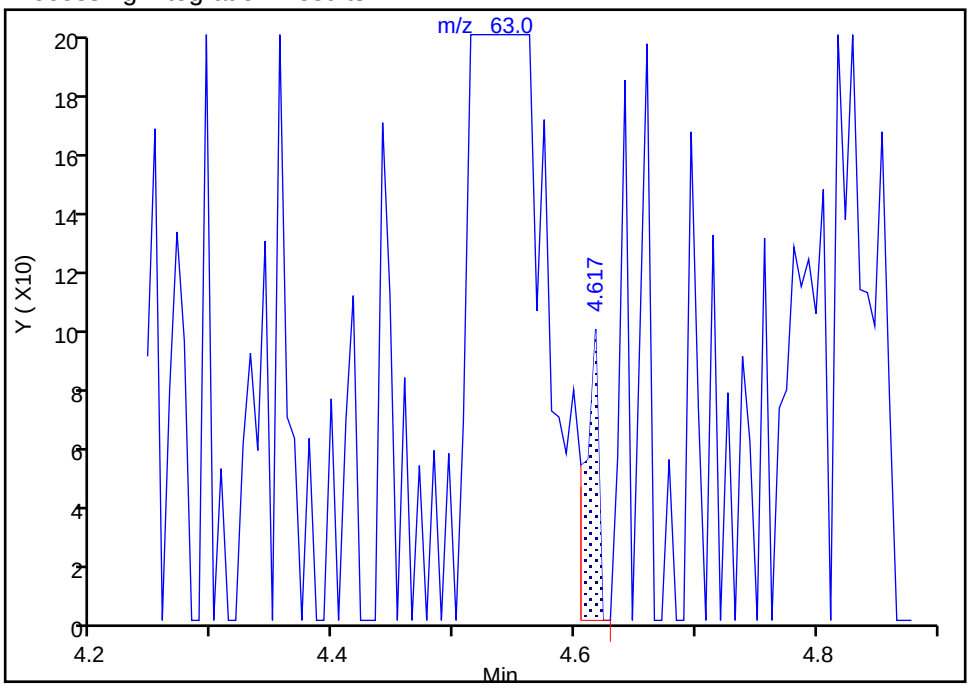
Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D				
Injection Date:	22-May-2019 02:28:30	Instrument ID:	CVOAMS11		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

67 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

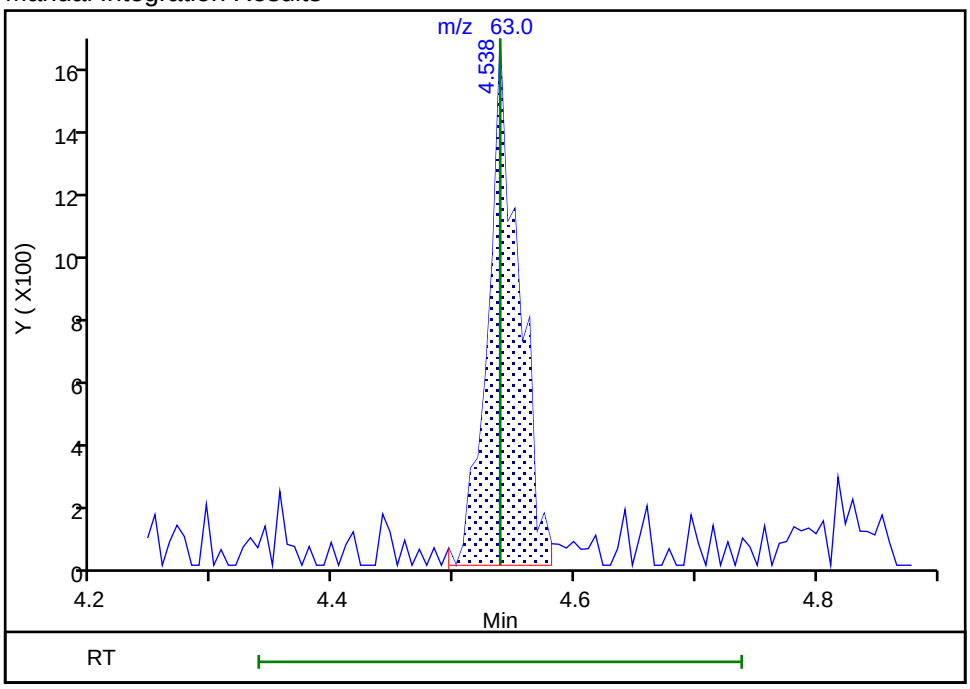
Processing Integration Results

RT: 4.62
Area: 73
Amount: 0.026829
Amount Units: ug/l



Manual Integration Results

RT: 4.54
Area: 2972
Amount: 1.082921
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:45:18

Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

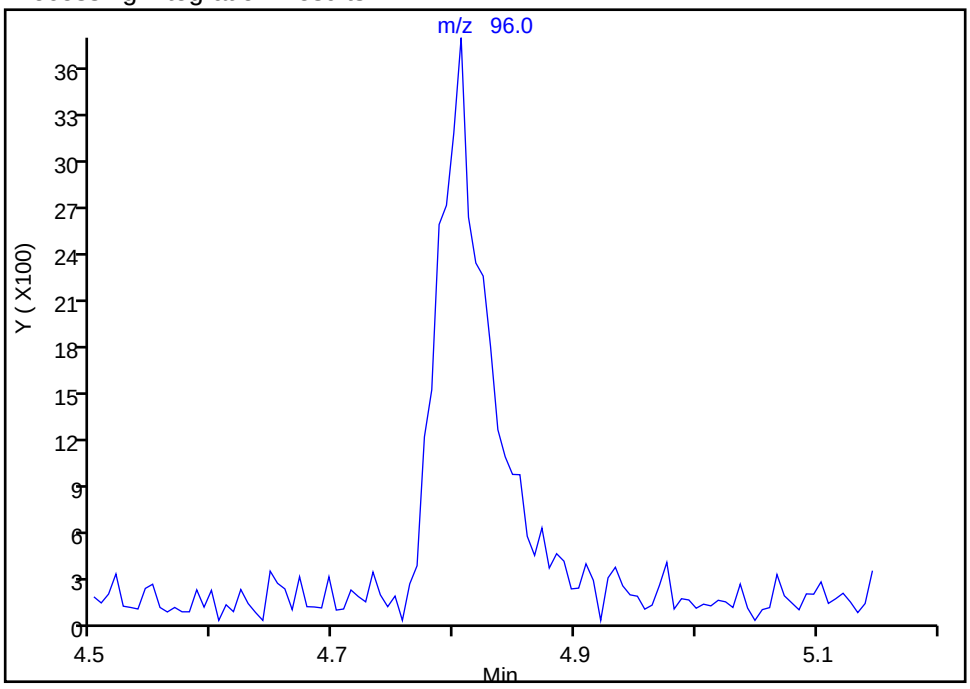
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 70 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

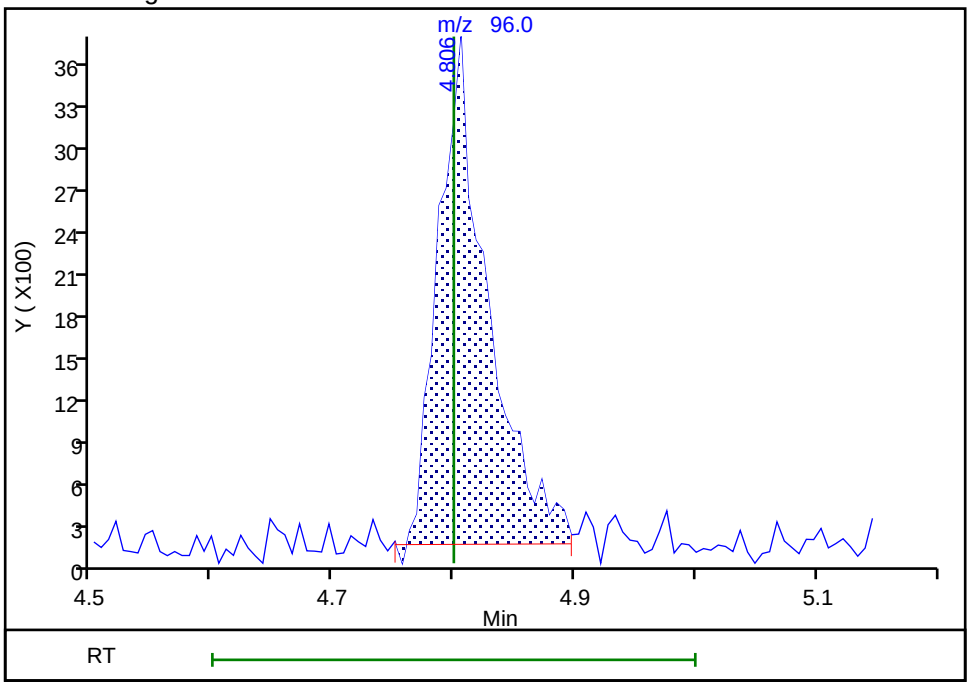
Not Detected
Expected RT: 4.80

Processing Integration Results



Manual Integration Results

RT: 4.81
Area: 10216
Amount: 1000.0000
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:41:30
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

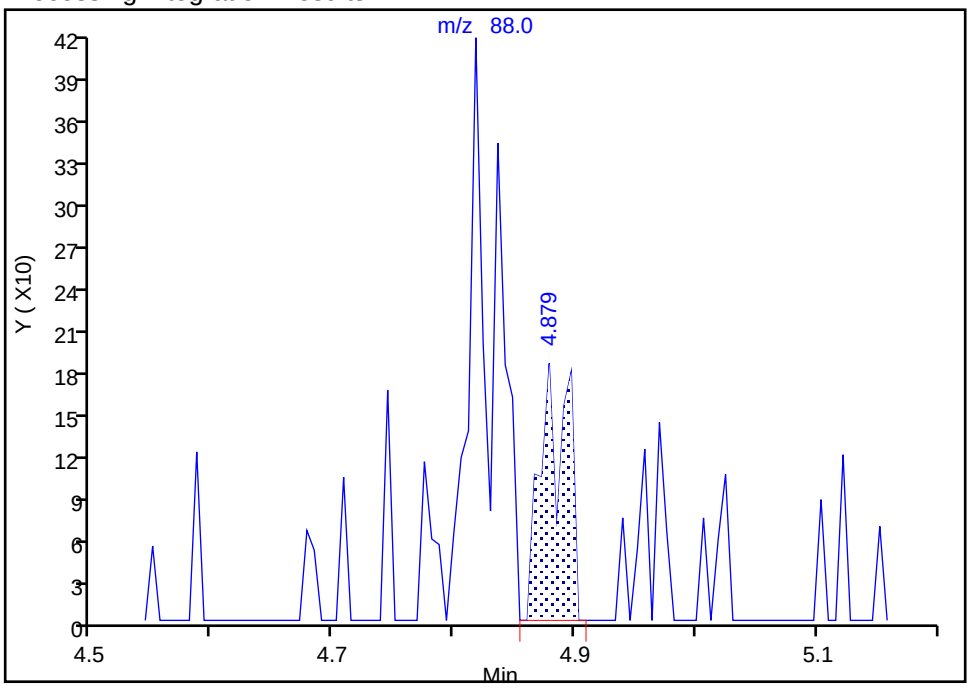
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

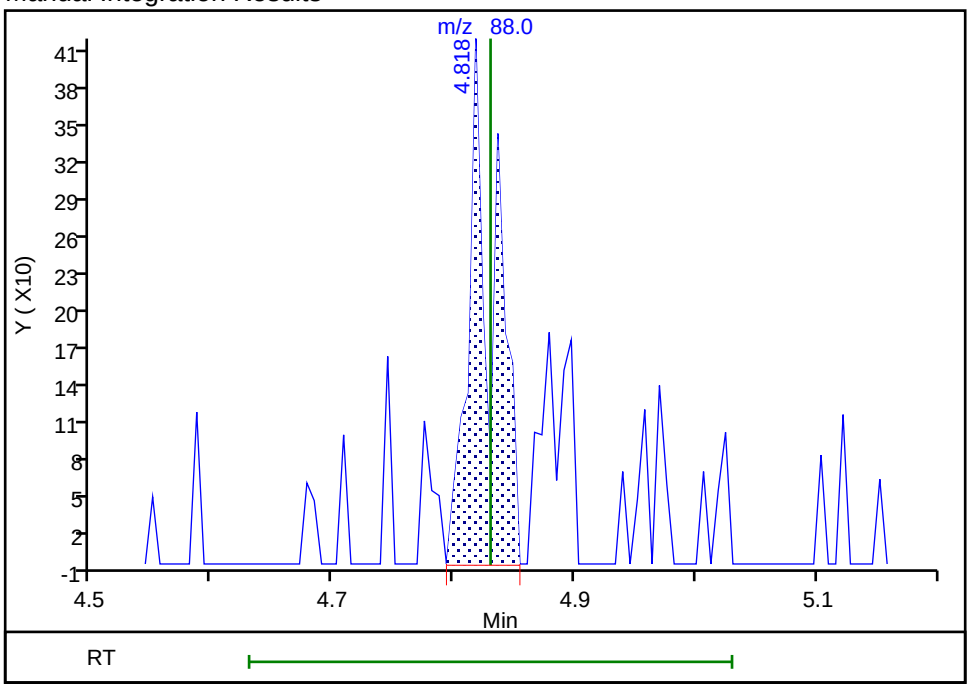
Processing Integration Results

RT: 4.88
Area: 287
Amount: 40.629754
Amount Units: ug/l



Manual Integration Results

RT: 4.82
Area: 619
Amount: 58.539071
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 17:07:13
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

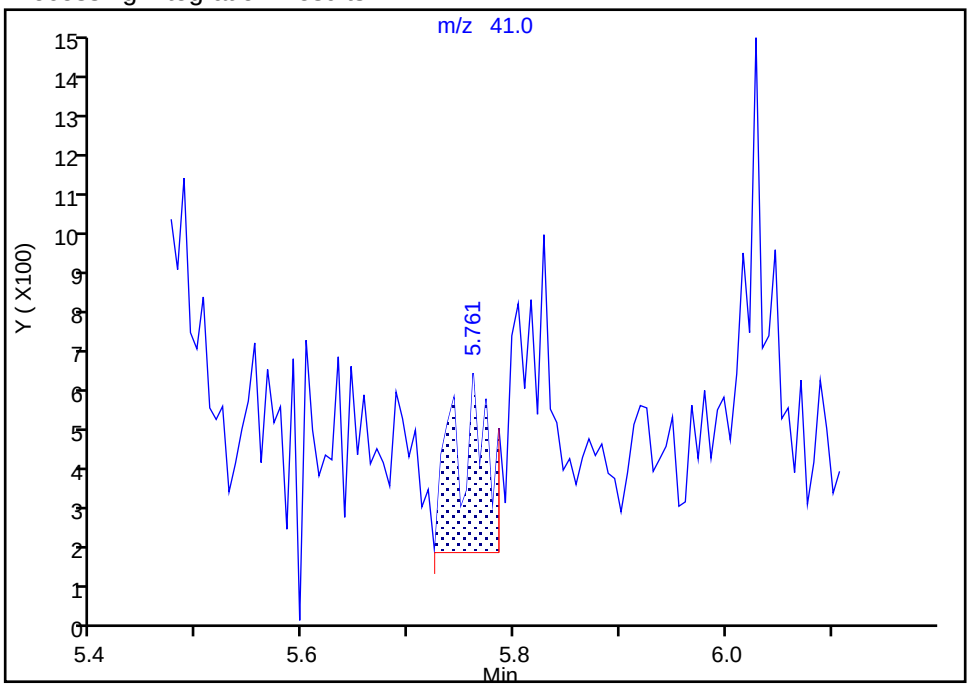
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Signal: 1

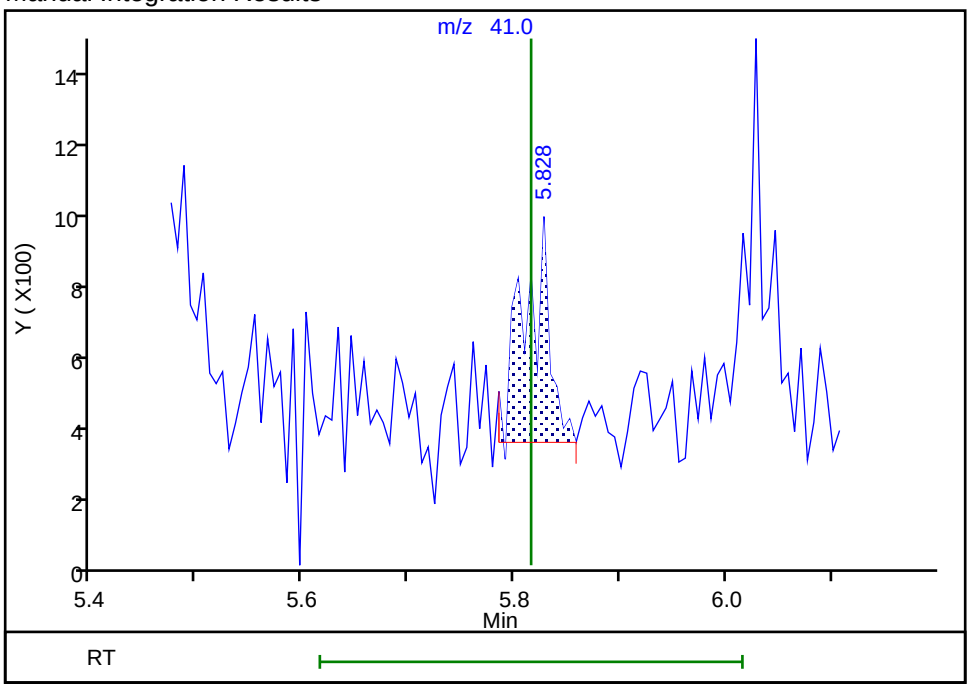
Processing Integration Results

RT: 5.76
Area: 987
Amount: 2.997738
Amount Units: ug/l



Manual Integration Results

RT: 5.83
Area: 1054
Amount: 3.221062
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:45:36
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

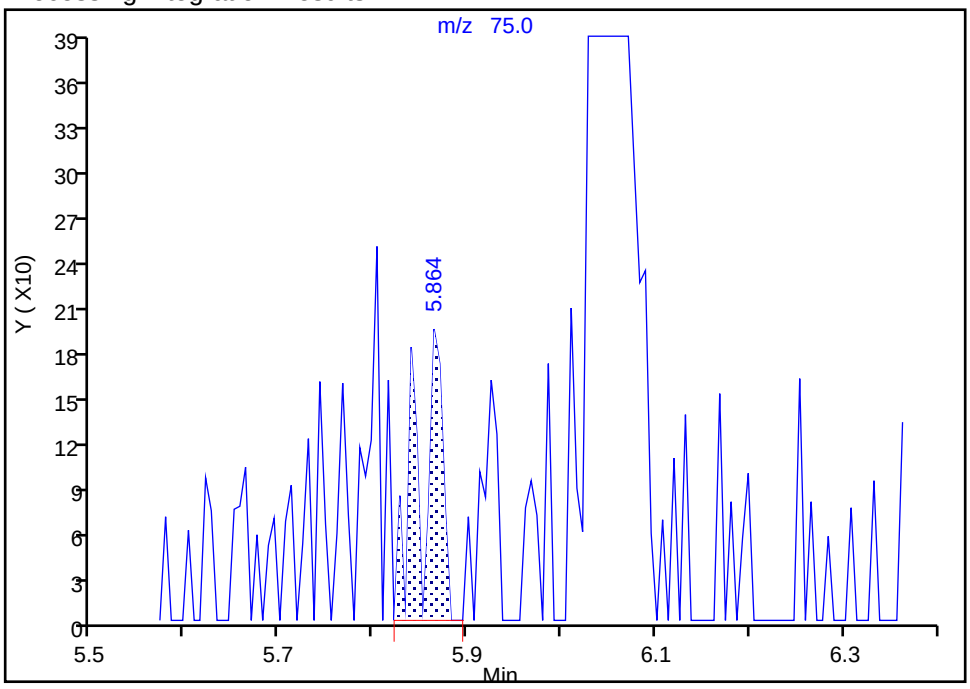
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

82 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

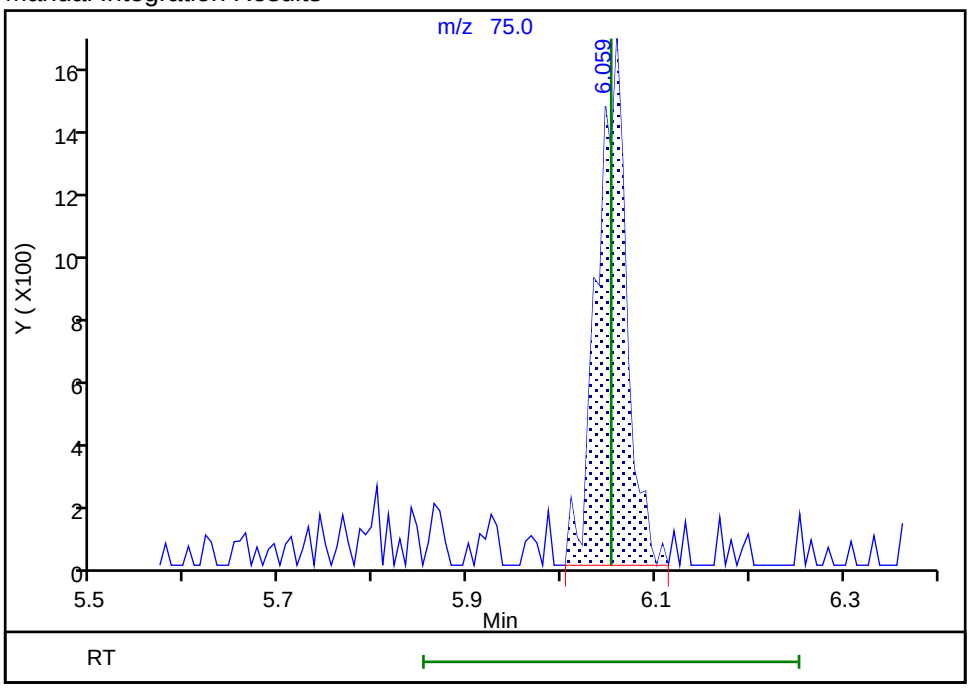
Processing Integration Results

RT: 5.86
Area: 327
Amount: 0.100234
Amount Units: ug/l



Manual Integration Results

RT: 6.06
Area: 3587
Amount: 1.059074
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:45:42
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

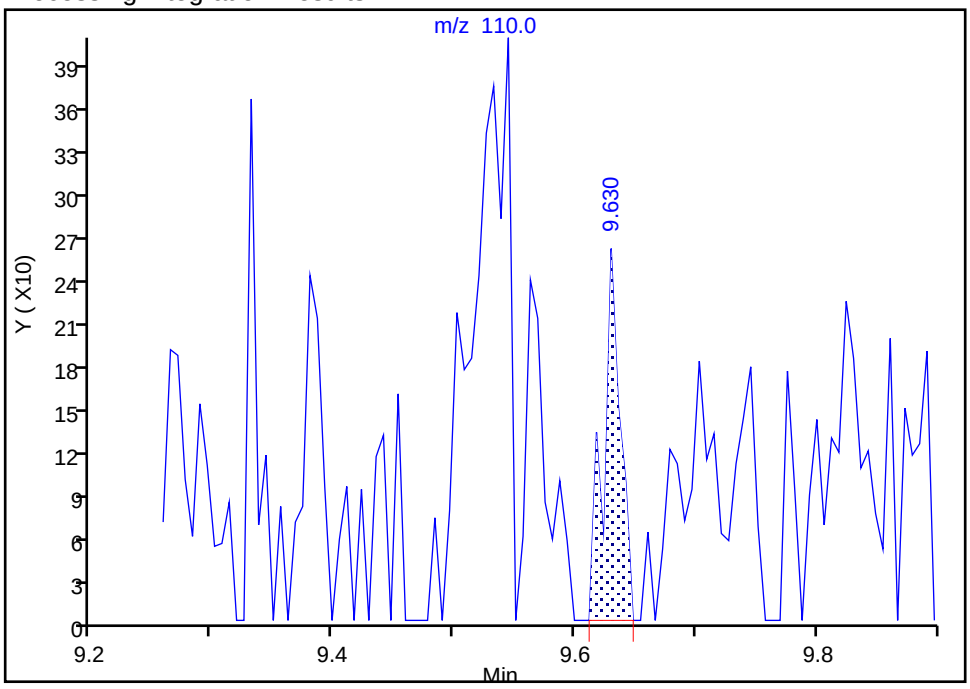
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

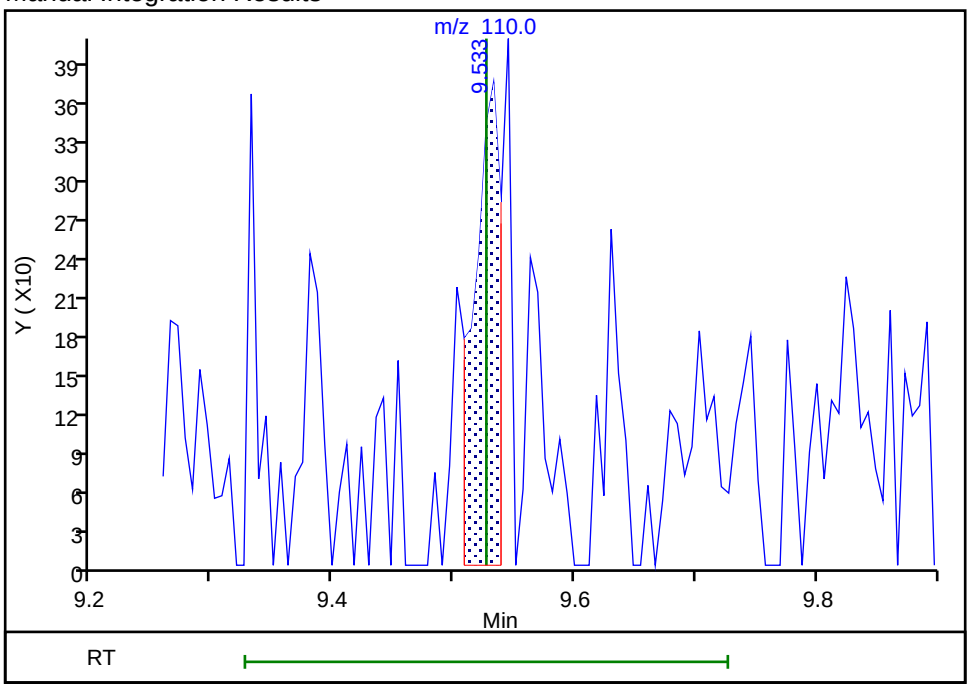
Processing Integration Results

RT: 9.63
Area: 253
Amount: 0.454665
Amount Units: ug/l



Manual Integration Results

RT: 9.53
Area: 585
Amount: 1.022526
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:46:01
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

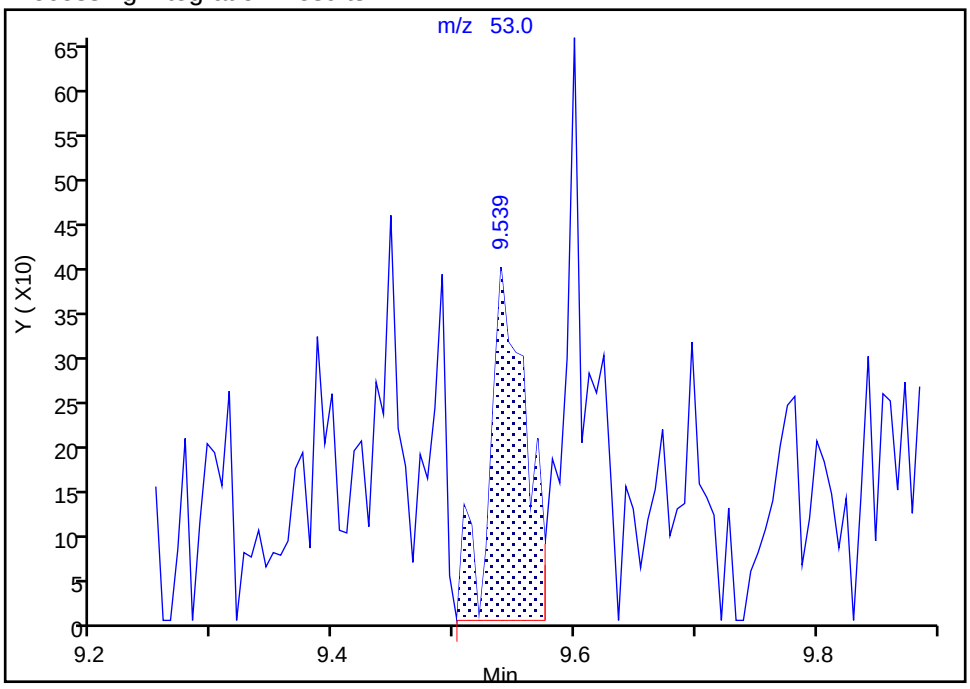
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D
Injection Date: 22-May-2019 02:28:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

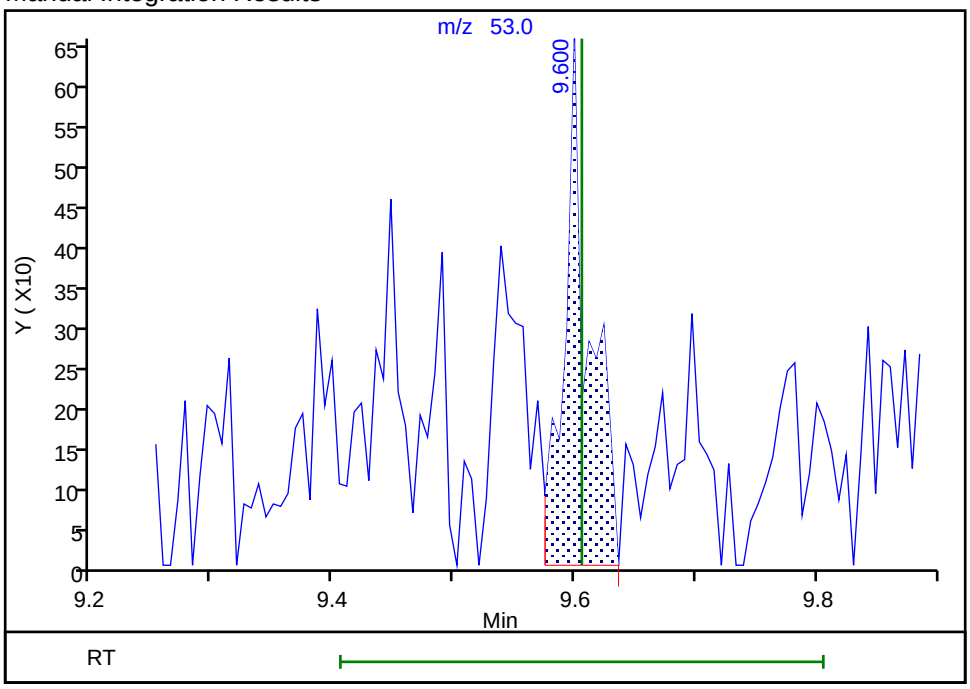
Processing Integration Results

RT: 9.54
Area: 833
Amount: 1.503207
Amount Units: ug/l



Manual Integration Results

RT: 9.60
Area: 930
Amount: 1.678268
Amount Units: ug/l



Reviewer: baronm, 22-May-2019 16:46:08
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

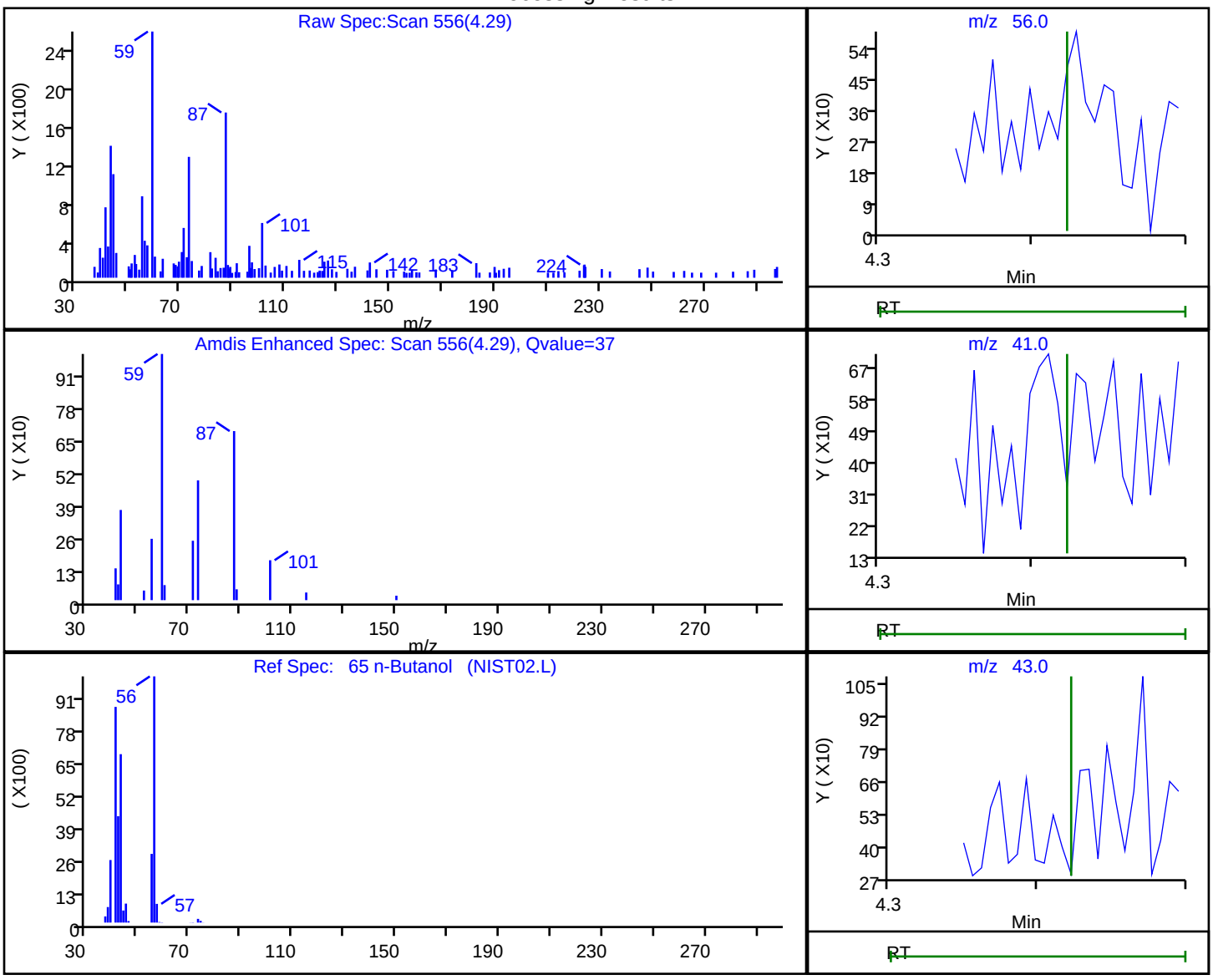
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D		
Injection Date:	22-May-2019 02:28:30	Instrument ID:	CVOAMS11
Lims ID:	STD1		
Client ID:			
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

65 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.29	56.00	106	3.537991
4.28	41.00	818	
4.30	43.00	2559	

Reviewer: baronm, 22-May-2019 16:45:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Lab Sample ID: CCVIS 460-616070/3 Calibration Date: 06/09/2019 14:20

Instrument ID: CVOAMS11 Calib Start Date: 05/21/2019 18:32

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2019 02:28

Lab File ID: N92193.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
Dichlorodifluoromethane	Ave	0.2547	0.1827	0.1000	14.3	20.0	-28.3*	20.0
Chloromethane	Ave	5.989	5.204	0.1000	17.4	20.0	-13.1	20.0
Butadiene	Ave	0.5428	0.4332		16.0	20.0	-20.2*	20.0
Vinyl chloride	Ave	0.6181	0.5459	0.1000	17.7	20.0	-11.7	20.0
Bromomethane	Ave	0.4024	0.3589	0.1000	17.8	20.0	-10.8	50.0
Chloroethane	Ave	0.3113	0.2953	0.1000	19.0	20.0	-5.2	50.0
Pentane	Ave	3.945	4.622		46.9	40.0	17.1	20.0
Trichlorofluoromethane	Ave	0.6893	0.5984	0.1000	17.4	20.0	-13.2	20.0
Dichlorofluoromethane	Ave	0.7048	0.6423		18.2	20.0	-8.9	20.0
2-Methyl-1,3-butadiene	Ave	0.2633	0.2552		19.4	20.0	-3.1	20.0
Ethyl ether	Ave	0.1734	0.1619		18.7	20.0	-6.6	20.0
Ethanol	Ave	0.0985	0.1626		1320	800	65.0*	50.0
1,1-Dichloroethene	Ave	0.2856	0.2450	0.1000	17.2	20.0	-14.2	20.0
Carbon disulfide	Ave	1.043	1.001	0.1000	19.2	20.0	-4.1	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4024	0.3567	0.1000	17.7	20.0	-11.3	20.0
Iodomethane	Ave	0.5675	0.4935		17.4	20.0	-13.0	20.0
Cyclopentene	Ave	0.7343	0.6922		18.9	20.0	-5.7	20.0
Acrolein	Ave	1.087	1.325		48.7	40.0	21.8	50.0
Allyl chloride	Ave	0.1864	0.1598		17.2	20.0	-14.2	20.0
Isopropyl alcohol	QuaF		0.7025		266	200	33.0	50.0
Methylene Chloride	Ave	0.3035	0.2868	0.1000	18.9	20.0	-5.5	20.0
Acetone	Ave	0.2055	0.1867	0.0500	90.9	100	-9.1	50.0
trans-1,2-Dichloroethene	Ave	0.3221	0.2857	0.1000	17.7	20.0	-11.3	20.0
Methyl acetate	Ave	1.352	2.021	0.1000	59.8	40.0	49.5*	20.0
Hexane	Ave	0.2180	0.1937		17.8	20.0	-11.1	20.0
Methyl tert-butyl ether	Ave	0.6621	0.6145	0.1000	18.6	20.0	-7.2	20.0
2-Methyl-2-propanol	Ave	1.146	1.097		191	200	-4.3	50.0
Acetonitrile	Ave	1.076	1.429		266	200	32.9*	20.0
Isopropyl ether	Ave	1.001	1.069		21.3	20.0	6.7	20.0
2-Chloro-1,3-butadiene	Ave	0.3062	0.2585		16.9	20.0	-15.6	20.0
1,1-Dichloroethane	Ave	0.5551	0.5660	0.2000	20.4	20.0	2.0	20.0
Acrylonitrile	Ave	3.283	3.761		229	200	14.6	20.0
Tert-butyl ethyl ether	Ave	0.8747	0.8347		19.1	20.0	-4.6	20.0
Vinyl acetate	Ave	0.9193	0.5596		24.3	40.0	-39.1*	20.0
cis-1,2-Dichloroethene	Ave	0.3462	0.3204	0.1000	18.5	20.0	-7.5	20.0
2,2-Dichloropropane	Ave	0.2090	0.1822		17.4	20.0	-12.9	20.0
Chlorobromomethane	Ave	0.1468	0.1213		16.5	20.0	-17.4	20.0
Cyclohexane	Ave	0.5882	0.4702	0.1000	16.0	20.0	-20.1	50.0
Chloroform	Ave	0.5660	0.5578	0.2000	19.7	20.0	-1.4	20.0
Ethyl acetate	Ave	0.3888	0.3516		36.2	40.0	-9.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Lab Sample ID: CCVIS 460-616070/3 Calibration Date: 06/09/2019 14:20

Instrument ID: CVOAMS11 Calib Start Date: 05/21/2019 18:32

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2019 02:28

Lab File ID: N92193.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
Carbon tetrachloride	Ave	0.6626	0.5207	0.1000	15.7	20.0	-21.4*	20.0
Methyl acrylate	Ave	0.1282	0.1190		18.6	20.0	-7.1	20.0
Tetrahydrofuran	Ave	0.4496	0.3173		28.2	40.0	-29.4*	20.0
1,1,1-Trichloroethane	Ave	0.6277	0.5459	0.1000	17.4	20.0	-13.0	20.0
1,1-Dichloropropene	Ave	0.4909	0.4152		16.9	20.0	-15.4	20.0
2-Butanone (MEK)	Ave	0.4418	0.3397	0.0500	76.9	100	-23.1	50.0
2,2,4-Trimethylpentane	Ave	0.7202	0.6620		18.4	20.0	-8.1	20.0
n-Heptane	Ave	0.1934	0.1631		16.9	20.0	-15.6	20.0
Benzene	Ave	1.267	1.296	0.5000	20.5	20.0	2.3	20.0
Propionitrile	Ave	1.305	1.418		217	200	8.7	20.0
Methacrylonitrile	Ave	0.0566	0.0545		193	200	-3.6	20.0
Tert-amyl methyl ether	Ave	0.7722	0.7024		18.2	20.0	-9.0	20.0
1,2-Dichloroethane	Ave	0.3359	0.3001	0.1000	17.9	20.0	-10.6	20.0
Isobutyl alcohol	Ave	0.3982	0.4190		526	500	5.2	50.0
Isopropyl acetate	Ave	0.2997	0.3025		20.2	20.0	1.0	20.0
Methylcyclohexane	Ave	0.5748	0.4812	0.1000	16.7	20.0	-16.3	50.0
Trichloroethene	Ave	0.3779	0.3141	0.2000	16.6	20.0	-16.9	20.0
n-Butanol	Ave	0.2557	0.2088		408	500	-18.3	50.0
Dibromomethane	Ave	0.1346	0.1117		16.6	20.0	-17.0	20.0
1,2-Dichloropropane	Ave	0.3140	0.2975	0.1000	19.0	20.0	-5.2	20.0
Ethyl acrylate	Ave	0.2146	0.1830		17.1	20.0	-14.7	20.0
Dichlorobromomethane	Ave	0.4138	0.3532	0.2000	17.1	20.0	-14.6	20.0
Methyl methacrylate	Ave	0.0544	0.0377		27.7	40.0	-30.7*	20.0
1,4-Dioxane	Ave	1.035	1.104		426	400	6.6	50.0
n-Propyl acetate	Ave	0.2213	0.1916		17.3	20.0	-13.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1217	0.1070		17.6	20.0	-12.1	20.0
cis-1,3-Dichloropropene	Ave	0.4550	0.4105	0.2000	18.0	20.0	-9.8	50.0
Toluene	Ave	1.491	1.456	0.4000	19.5	20.0	-2.4	20.0
Epichlorohydrin	Ave	0.3148	0.2282		290	400	-27.5*	20.0
2-Nitropropane	QuaF		2.376		31.1	40.0	-22.2*	20.0
Tetrachloroethene	Ave	0.4005	0.3424	0.2000	17.1	20.0	-14.5	20.0
4-Methyl-2-pentanone (MIBK)	Ave	3.112	2.678	0.0500	86.1	100	-13.9	50.0
trans-1,3-Dichloropropene	Ave	0.3740	0.3398	0.1000	18.2	20.0	-9.2	50.0
1,1,2-Trichloroethane	Ave	0.1530	0.1574	0.1000	20.6	20.0	2.9	20.0
Ethyl methacrylate	Ave	0.2680	0.2250		16.8	20.0	-16.0	20.0
Chlorodibromomethane	Ave	0.2509	0.2163	0.1000	17.2	20.0	-13.8	50.0
1,3-Dichloropropane	Ave	0.3193	0.3371		21.1	20.0	5.6	20.0
Ethylene Dibromide	Ave	0.1827	0.1699	0.1000	18.6	20.0	-7.0	20.0
n-Butyl acetate	Ave	0.2504	0.2379		19.0	20.0	-5.0	20.0
2-Hexanone	Ave	1.192	0.8758	0.0500	73.5	100	-26.5	50.0
Chlorobenzene	Ave	0.9592	0.9191	0.5000	19.2	20.0	-4.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Lab Sample ID: CCVIS 460-616070/3 Calibration Date: 06/09/2019 14:20

Instrument ID: CVOAMS11 Calib Start Date: 05/21/2019 18:32

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2019 02:28

Lab File ID: N92193.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
Ethylbenzene	Ave	0.5424	0.5422	0.1000	20.0	20.0	-0.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3830	0.3016		15.7	20.0	-21.3*	20.0
m-Xylene & p-Xylene	Ave	0.6677	0.6512	0.1000	19.5	20.0	-2.5	20.0
o-Xylene	Ave	0.6634	0.6167	0.3000	18.6	20.0	-7.0	20.0
Bromoform	Ave	0.2550	0.2074	0.1000	16.3	20.0	-18.7	20.0
Styrene	Ave	1.021	0.9905	0.3000	19.4	20.0	-3.0	20.0
n-Butyl acrylate	Ave	0.1583	0.1240		15.7	20.0	-21.7*	20.0
Isopropylbenzene	Ave	1.832	1.690	0.1000	18.4	20.0	-7.8	20.0
Amyl acetate (mixed isomers)	Ave	0.5776	0.5941		20.6	20.0	2.9	20.0
Bromobenzene	Ave	0.6859	0.7013		20.4	20.0	2.2	20.0
N-Propylbenzene	Ave	3.296	3.505		21.3	20.0	6.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.3162	0.3405	0.3000	21.5	20.0	7.7	20.0
2-Chlorotoluene	Ave	2.305	2.497		21.7	20.0	8.3	20.0
4-Ethyltoluene	Ave	2.946	2.980		20.2	20.0	1.2	20.0
1,2,3-Trichloropropane	Ave	0.1048	0.1026		19.6	20.0	-2.1	20.0
1,3,5-Trimethylbenzene	Ave	2.566	2.447		19.1	20.0	-4.6	20.0
trans-1,4-Dichloro-2-butene	QuaF		0.0993		19.6	20.0	-2.0	20.0
4-Chlorotoluene	Ave	2.015	2.162		21.5	20.0	7.3	20.0
tert-Butylbenzene	Ave	2.192	1.820		16.6	20.0	-17.0	20.0
Butyl Methacrylate	Ave	0.7105	0.6889		19.4	20.0	-3.0	20.0
1,2,4-Trimethylbenzene	Ave	2.598	2.675		20.6	20.0	3.0	20.0
sec-Butylbenzene	Ave	3.111	2.959		19.0	20.0	-4.9	20.0
4-Isopropyltoluene	Ave	2.867	2.675		18.7	20.0	-6.7	20.0
1,3-Dichlorobenzene	Ave	1.401	1.439	0.6000	20.5	20.0	2.7	20.0
1,4-Dichlorobenzene	Ave	1.397	1.377	0.5000	19.7	20.0	-1.4	20.0
1,2,3-Trimethylbenzene	Ave	2.834	2.698		19.0	20.0	-4.8	20.0
Indan	Ave	2.432	2.524		20.8	20.0	3.8	20.0
p-Diethylbenzene	Ave	1.504	1.462		19.4	20.0	-2.8	20.0
Benzyl chloride	Ave	0.1838	0.1414		15.4	20.0	-23.1	50.0
n-Butylbenzene	Ave	1.260	1.307		20.7	20.0	3.7	20.0
1,2-Dichlorobenzene	Ave	1.241	1.281	0.4000	20.6	20.0	3.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.947	2.636		17.9	20.0	-10.6	20.0
1,2-Dibromo-3-Chloropropane	QuaF		0.0662	0.0500	19.5	20.0	-2.3	50.0
1,3,5-Trichlorobenzene	Ave	1.207	1.143		18.9	20.0	-5.4	20.0
1,2,4-Trichlorobenzene	Ave	0.9467	0.8348	0.2000	17.6	20.0	-11.8	20.0
Hexachlorobutadiene	Ave	0.4514	0.3744		16.6	20.0	-17.1	20.0
Naphthalene	Ave	1.184	1.178		19.9	20.0	-0.5	50.0
1,2,3-Trichlorobenzene	Ave	0.6772	0.6690		19.8	20.0	-1.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2708	0.2637		48.7	50.0	-2.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2414	0.2476		51.3	50.0	2.6	20.0
Toluene-d8 (Surr)	Ave	1.177	1.201		51.0	50.0	2.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Lab Sample ID: CCVIS 460-616070/3 Calibration Date: 06/09/2019 14:20

Instrument ID: CVOAMS11 Calib Start Date: 05/21/2019 18:32

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2019 02:28

Lab File ID: N92193.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
4-Bromofluorobenzene	Ave	0.4113	0.3968		48.2	50.0	-3.5	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92193.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Jun-2019 14:20:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0092525-003
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub7

Method: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Jun-2019 17:58:40 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0325

First Level Reviewer: parekhv Date: 09-Jun-2019 14:55:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	87	1.003	1.003	0.000	99	19950	20.0	14.3	
3 Chloromethane	52	1.076	1.076	0.000	99	29150	20.0	17.4	
4 Butadiene	54	1.113	1.113	0.000	81	47307	20.0	16.0	
5 Vinyl chloride	62	1.119	1.119	0.000	97	59617	20.0	17.7	
6 Bromomethane	94	1.289	1.289	0.000	98	39195	20.0	17.8	
7 Chloroethane	64	1.332	1.332	0.000	95	32250	20.0	19.0	a
8 Pentane	72	1.393	1.393	0.000	94	11688	40.0	46.9	
9 Trichlorofluoromethane	101	1.417	1.417	0.000	94	65351	20.0	17.4	
10 Dichlorofluoromethane	67	1.442	1.442	0.000	98	70148	20.0	18.2	
11 2-Methyl-1,3-butadiene	53	1.563	1.563	0.000	97	27871	20.0	19.4	
12 Ethyl ether	59	1.563	1.563	0.000	59	17682	20.0	18.7	
13 Ethanol	45	1.661	1.661	0.000	22	8224	800.0	1320.0	
14 1,1-Dichloroethene	96	1.679	1.679	0.000	96	26755	20.0	17.2	
16 Carbon disulfide	76	1.703	1.703	0.000	100	109306	20.0	19.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.734	1.734	0.000	95	38959	20.0	17.7	
18 Iodomethane	142	1.764	1.764	0.000	99	53897	20.0	17.4	
19 Cyclopentene	67	1.849	1.849	0.000	96	75598	20.0	18.9	
20 Acrolein	56	1.886	1.886	0.000	49	3350	40.0	48.7	
21 3-Chloro-1-propene	76	1.959	1.959	0.000	88	17455	20.0	17.2	
22 Isopropyl alcohol	45	1.983	1.983	0.000	98	8883	200.0	266.0	
23 Methylene Chloride	84	2.019	2.019	0.000	95	31316	20.0	18.9	
24 Acetone	58	2.056	2.056	0.000	86	5229	100.0	90.9	
25 trans-1,2-Dichloroethene	96	2.117	2.117	0.000	96	31200	20.0	17.7	
26 Methyl acetate	74	2.129	2.129	0.000	75	5112	40.0	59.8	
27 Hexane	56	2.159	2.159	0.000	92	21157	20.0	17.8	
28 Methyl tert-butyl ether	73	2.190	2.190	0.000	90	67115	20.0	18.6	
* 29 TBA-d9 (IS)	65	2.208	2.208	0.000	72	63226	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.263	2.263	0.000	30	13869	200.0	191.4	a
31 Acetonitrile	41	2.360	2.360	0.000	98	18076	200.0	265.8	
32 Isopropyl ether	45	2.433	2.433	0.000	97	116706	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 2-Chloro-1,3-butadiene	88	2.494	2.494	0.000	93	28231	20.0	16.9	
34 1,1-Dichloroethane	63	2.512	2.512	0.000	99	61808	20.0	20.4	
35 Acrylonitrile	53	2.555	2.555	0.000	97	47554	200.0	229.1	
36 Tert-butyl ethyl ether	59	2.676	2.676	0.000	89	91156	20.0	19.1	
37 Vinyl acetate	86	2.695	2.695	0.000	100	6269	40.0	24.3	
38 cis-1,2-Dichloroethene	96	2.889	2.889	0.000	94	34995	20.0	18.5	
39 2,2-Dichloropropane	79	2.968	2.968	0.000	97	19893	20.0	17.4	a
41 Chlorobromomethane	128	3.035	3.035	0.000	90	13244	20.0	16.5	
40 Cyclohexane	84	3.035	3.035	0.000	91	51349	20.0	16.0	
42 Chloroform	83	3.096	3.096	0.000	98	60920	20.0	19.7	
44 Ethyl acetate	70	3.181	3.181	0.000	88	3939	40.0	36.2	
43 Carbon tetrachloride	117	3.194	3.194	0.000	97	56864	20.0	15.7	
45 Methyl acrylate	55	3.200	3.200	0.000	73	13001	20.0	18.6	
46 Tetrahydrofuran	72	3.218	3.218	0.000	95	3555	40.0	28.2	a
$ 47 Dibromofluoromethane (Surr	113	3.236	3.236	0.000	95	72005	50.0	48.7	
48 1,1,1-Trichloroethane	97	3.248	3.248	0.000	95	59617	20.0	17.4	
* 49 2-Butanone-d5	46	3.297	3.297	0.000	0	70022	250.0	250.0	
51 1,1-Dichloropropene	75	3.340	3.340	0.000	91	45344	20.0	16.9	
50 2-Butanone (MEK)	72	3.340	3.340	0.000	68	9514	100.0	76.9	
52 Isooctane	57	3.425	3.425	0.000	98	72299	20.0	18.4	
53 n-Heptane	57	3.516	3.516	0.000	92	17812	20.0	16.9	
54 Benzene	78	3.540	3.540	0.000	98	137872	20.0	20.5	
55 Propionitrile	54	3.577	3.577	0.000	35	17932	200.0	217.3	
56 Methacrylonitrile	67	3.589	3.589	0.000	95	59558	200.0	192.7	
57 Tert-amyl methyl ether	73	3.650	3.650	0.000	86	76705	20.0	18.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	98	67607	50.0	51.3	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	98	32779	20.0	17.9	
60 Isobutyl alcohol	43	3.772	3.772	0.000	97	13245	500.0	526.0	
* 61 Fluorobenzene	96	3.899	3.899	0.000	98	273029	50.0	50.0	
62 Isopropyl acetate	43	3.966	3.966	0.000	98	33041	20.0	20.2	
63 Methylcyclohexane	83	4.033	4.033	0.000	94	52549	20.0	16.7	
64 Trichloroethene	95	4.045	4.045	0.000	96	34308	20.0	16.6	
65 n-Butanol	56	4.429	4.429	0.000	92	6602	500.0	408.4	
66 Dibromomethane	93	4.435	4.435	0.000	95	12200	20.0	16.6	
67 1,2-Dichloropropane	63	4.538	4.538	0.000	84	32494	20.0	19.0	
68 Ethyl acrylate	55	4.599	4.599	0.000	96	19985	20.0	17.1	
69 Dichlorobromomethane	83	4.617	4.617	0.000	99	38573	20.0	17.1	
* 70 1,4-Dioxane-d8	96	4.794	4.794	0.000	96	7034	1000.0	1000.0	
71 Methyl methacrylate	100	4.806	4.806	0.000	91	8225	40.0	27.7	
72 1,4-Dioxane	88	4.830	4.830	0.000	26	3105	400.0	426.5	
73 n-Propyl acetate	43	4.970	4.970	0.000	99	20921	20.0	17.3	
74 2-Chloroethyl vinyl ether	63	5.244	5.244	0.000	96	11688	20.0	17.6	
75 cis-1,3-Dichloropropene	75	5.280	5.280	0.000	95	43664	20.0	18.0	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	98	319513	50.0	51.0	
77 Toluene	91	5.536	5.536	0.000	92	154872	20.0	19.5	
78 Epichlorohydrin	57	5.572	5.572	0.000	97	25569	400.0	290.0	
79 2-Nitropropane	41	5.816	5.816	0.000	96	6008	40.0	31.1	
80 Tetrachloroethene	166	5.968	5.968	0.000	96	36420	20.0	17.1	
81 4-Methyl-2-pentanone (MIBK	43	6.022	6.022	0.000	98	75014	100.0	86.1	
82 trans-1,3-Dichloropropene	75	6.053	6.053	0.000	98	36143	20.0	18.2	
83 1,1,2-Trichloroethane	83	6.235	6.235	0.000	94	16749	20.0	20.6	
84 Ethyl methacrylate	69	6.302	6.302	0.000	90	24574	20.0	16.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Chlorodibromomethane	129	6.436	6.436	0.000	97	23006	20.0	17.2	
86 1,3-Dichloropropane	76	6.558	6.558	0.000	95	35862	20.0	21.1	
87 Ethylene Dibromide	107	6.698	6.698	0.000	97	18077	20.0	18.6	
88 n-Butyl acetate	43	7.020	7.020	0.000	98	25303	20.0	19.0	
89 2-Hexanone	58	7.099	7.099	0.000	99	24530	100.0	73.5	
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	87	265955	50.0	50.0	
91 Chlorobenzene	112	7.409	7.409	0.000	93	97770	20.0	19.2	
92 Ethylbenzene	106	7.489	7.489	0.000	98	57681	20.0	20.0	
93 1,1,1,2-Tetrachloroethane	131	7.525	7.525	0.000	93	32086	20.0	15.7	
94 m-Xylene & p-Xylene	106	7.708	7.708	0.000	0	69280	20.0	19.5	
95 o-Xylene	106	8.304	8.304	0.000	94	65600	20.0	18.6	
96 Bromoform	173	8.383	8.383	0.000	36	12921	20.0	16.3	
97 Styrene	104	8.395	8.395	0.000	94	105368	20.0	19.4	
98 n-Butyl acrylate	73	8.705	8.705	0.000	97	13190	20.0	15.7	
99 Isopropylbenzene	105	8.778	8.778	0.000	96	179758	20.0	18.4	
100 Amyl acetate (mixed isomer	43	9.064	9.064	0.000	90	37015	20.0	20.6	
$ 101 4-Bromofluorobenzene	174	9.107	9.107	0.000	91	105529	50.0	48.2	
102 Bromobenzene	156	9.198	9.198	0.000	94	43695	20.0	20.4	
103 N-Propylbenzene	91	9.301	9.301	0.000	99	218368	20.0	21.3	
104 1,1,2,2-Tetrachloroethane	83	9.417	9.417	0.000	97	21212	20.0	21.5	
105 2-Chlorotoluene	91	9.441	9.441	0.000	96	155544	20.0	21.7	
106 4-Ethyltoluene	105	9.441	9.441	0.000	98	185692	20.0	20.2	
107 1,2,3-Trichloropropane	110	9.520	9.520	0.000	94	6394	20.0	19.6	
108 1,3,5-Trimethylbenzene	105	9.551	9.551	0.000	93	152485	20.0	19.1	
109 trans-1,4-Dichloro-2-buten	53	9.606	9.606	0.000	84	6187	20.0	19.6	
110 4-Chlorotoluene	91	9.630	9.630	0.000	98	134692	20.0	21.5	
111 tert-Butylbenzene	119	9.867	9.867	0.000	94	113418	20.0	16.6	
112 Butyl Methacrylate	87	9.934	9.934	0.000	93	42923	20.0	19.4	
113 1,2,4-Trimethylbenzene	105	9.946	9.946	0.000	98	166679	20.0	20.6	
114 sec-Butylbenzene	105	10.050	10.050	0.000	99	184343	20.0	19.0	
115 4-Isopropyltoluene	119	10.208	10.208	0.000	97	166659	20.0	18.7	
116 1,3-Dichlorobenzene	146	10.220	10.220	0.000	95	89684	20.0	20.5	
* 117 1,4-Dichlorobenzene-d4	152	10.293	10.293	0.000	96	155761	50.0	50.0	
118 1,4-Dichlorobenzene	146	10.305	10.305	0.000	94	85776	20.0	19.7	
119 1,2,3-Trimethylbenzene	105	10.360	10.360	0.000	98	168123	20.0	19.0	
120 2,3-Dihydroindene	117	10.463	10.463	0.000	93	157284	20.0	20.8	
121 p-Diethylbenzene	119	10.549	10.549	0.000	92	91094	20.0	19.4	
122 Benzyl chloride	126	10.561	10.561	0.000	97	8808	20.0	15.4	
123 n-Butylbenzene	92	10.597	10.597	0.000	98	81453	20.0	20.7	
124 1,2-Dichlorobenzene	146	10.682	10.682	0.000	96	79792	20.0	20.6	
125 1,2,4,5-Tetramethylbenzene	119	11.242	11.242	0.000	97	164203	20.0	17.9	
126 1,2-Dibromo-3-Chloropropan	157	11.376	11.376	0.000	91	4125	20.0	19.5	
127 1,3,5-Trichlorobenzene	180	11.400	11.400	0.000	97	71187	20.0	18.9	
128 Hexachlorobutadiene	225	11.905	11.905	0.000	93	23326	20.0	16.6	
129 1,2,4-Trichlorobenzene	180	11.905	11.905	0.000	93	52011	20.0	17.6	
130 Naphthalene	128	12.155	12.155	0.000	98	73408	20.0	19.9	
131 1,2,3-Trichlorobenzene	180	12.289	12.289	0.000	94	41683	20.0	19.8	
S 132 1,2-Dichloroethene, Total	100				0		40.0	36.2	
S 133 Xylenes, Total	100				0		40.0	38.1	
S 134 Total BTEX	1				0		100.0	98.1	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00318	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00098	Amount Added:	20.00	Units: uL	
ACROLEIN W_00090	Amount Added:	4.00	Units: uL	
8260ISNEW_00128	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00198	Amount Added:	1.00	Units: uL	Run Reagent

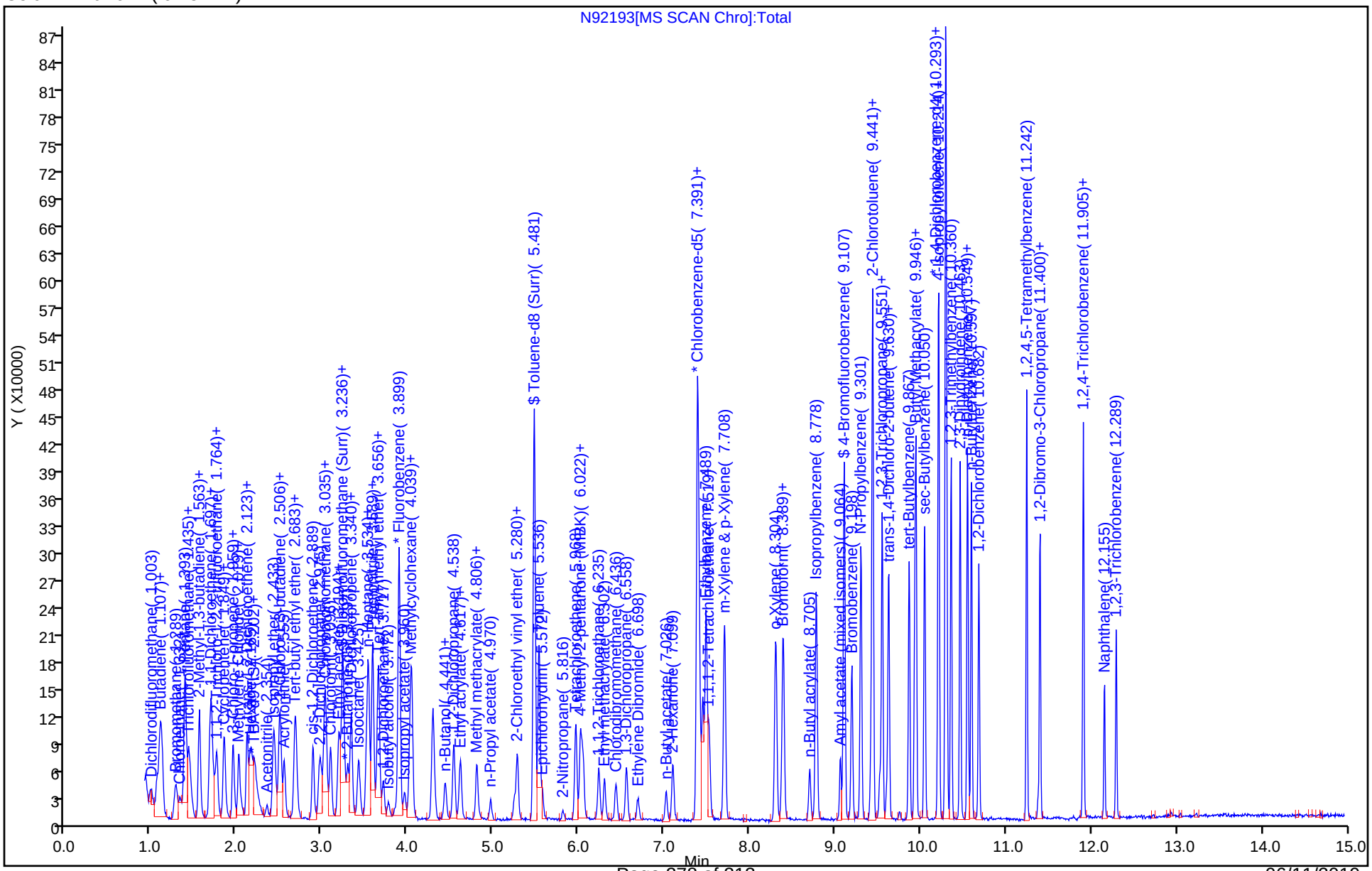
Report Date: 09-Jun-2019 17:58:42 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92193.D

Injection Date:	09-Jun-2019 14:20:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_11	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

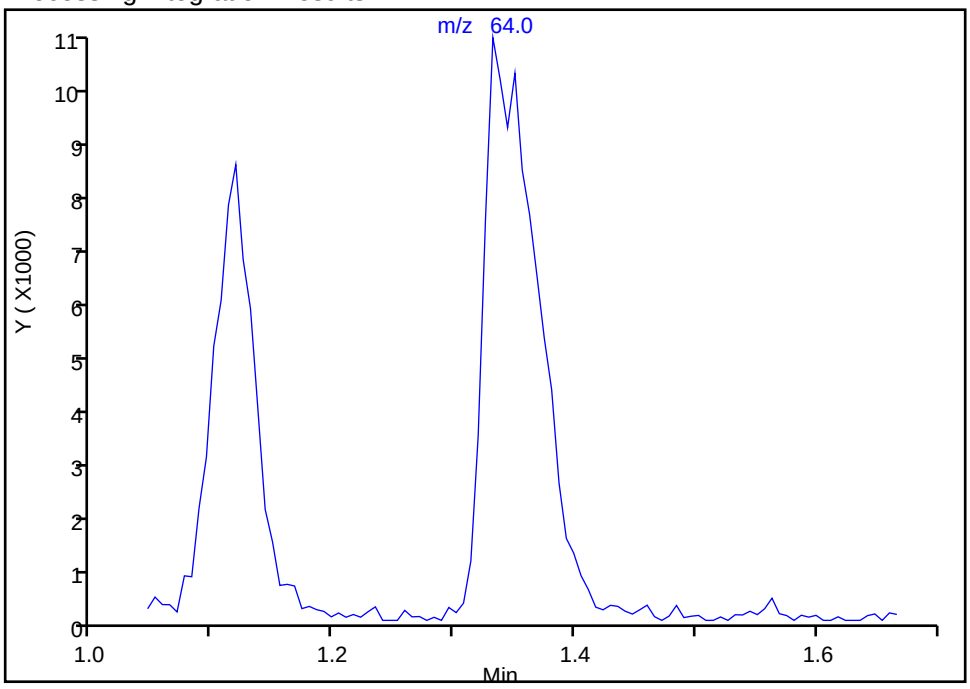
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92193.D
Injection Date: 09-Jun-2019 14:20:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Chloroethane, CAS: 75-00-3

Signal: 1

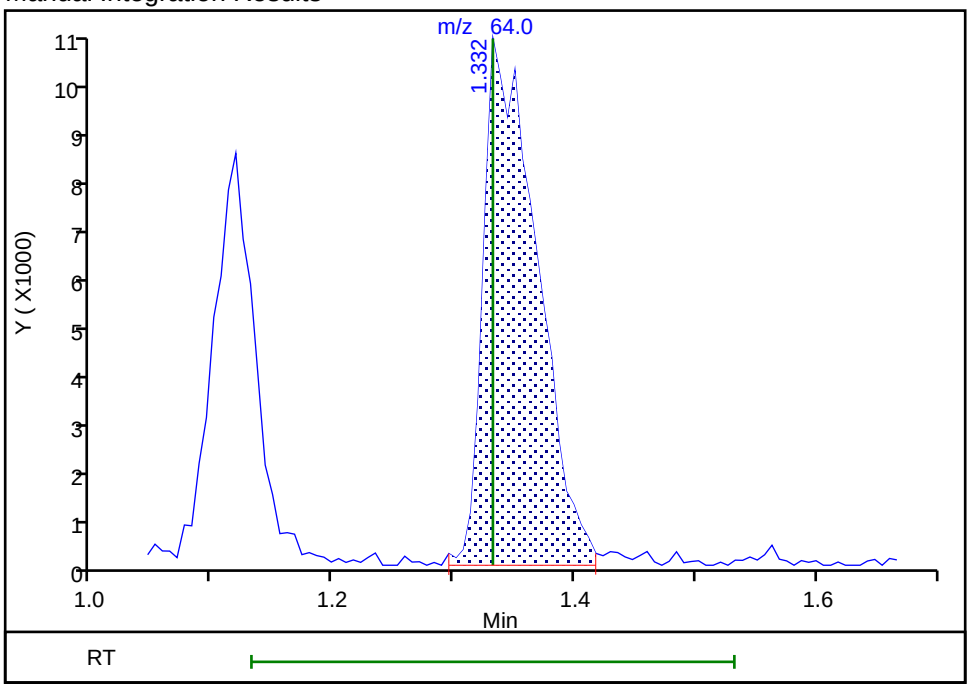
Not Detected
Expected RT: 1.33

Processing Integration Results



Manual Integration Results

RT: 1.33
Area: 32250
Amount: 18.969555
Amount Units: ug/l



Reviewer: parekhv, 09-Jun-2019 14:51:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

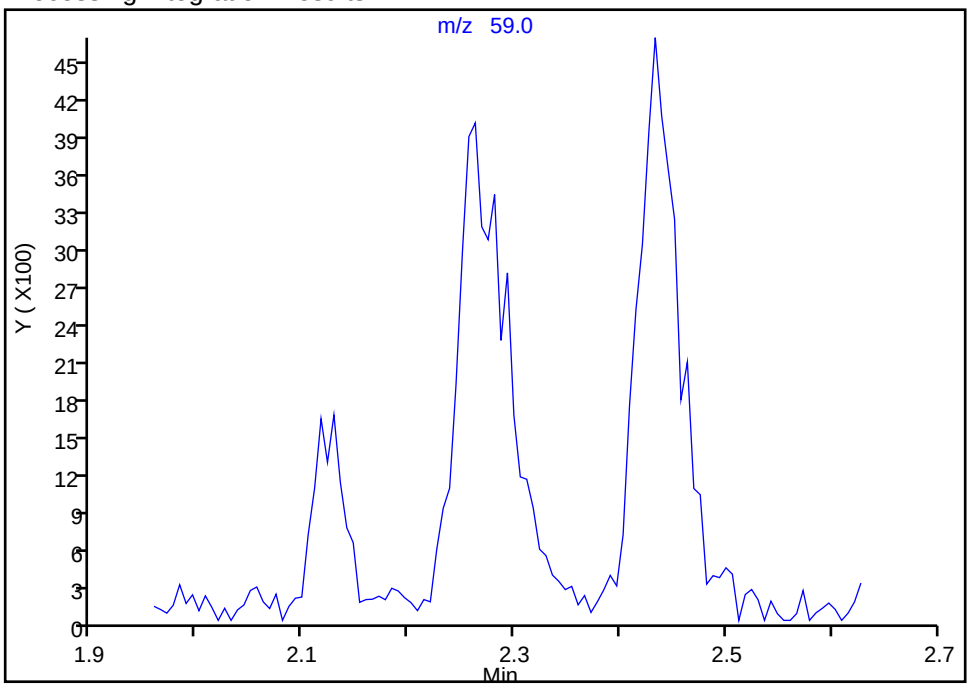
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92193.D
Injection Date: 09-Jun-2019 14:20:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

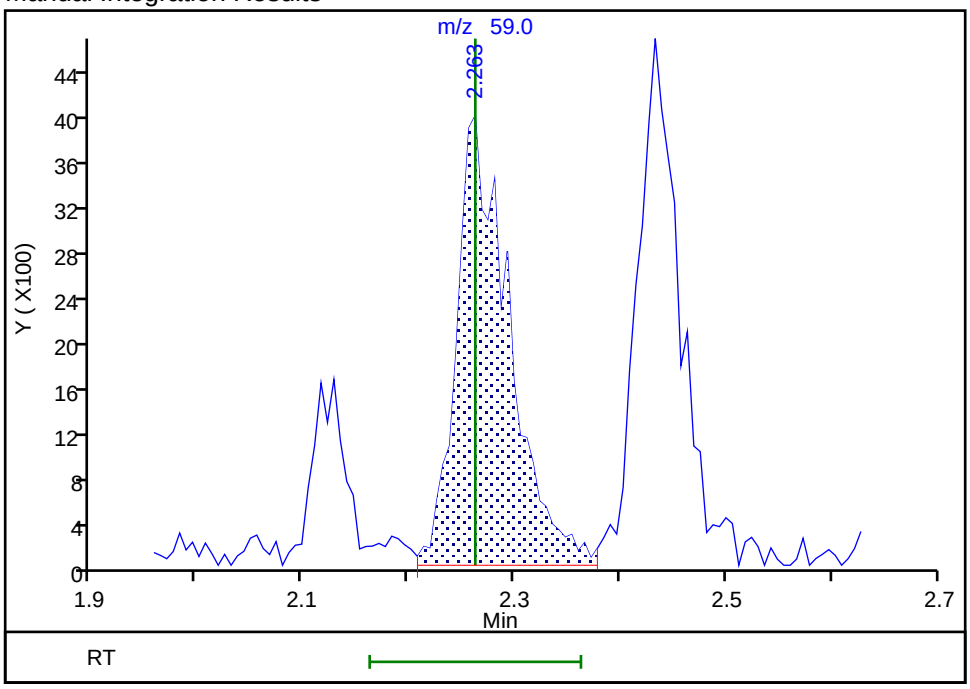
Not Detected
Expected RT: 2.26

Processing Integration Results



Manual Integration Results

RT: 2.26
Area: 13869
Amount: 191.4264
Amount Units: ug/l



Reviewer: parekhv, 09-Jun-2019 14:52:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

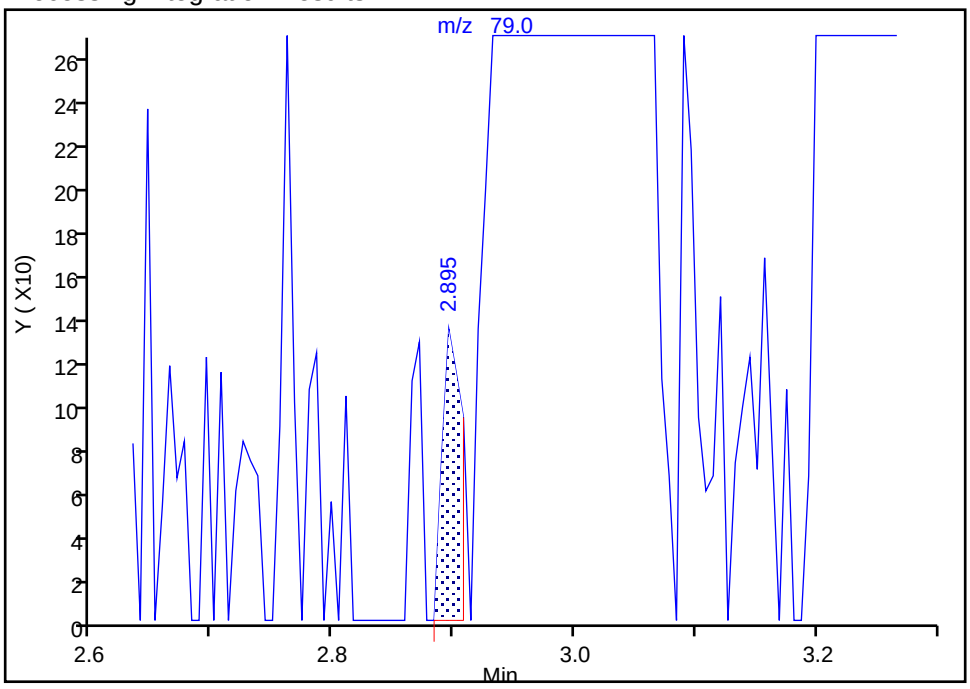
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92193.D
Injection Date: 09-Jun-2019 14:20:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

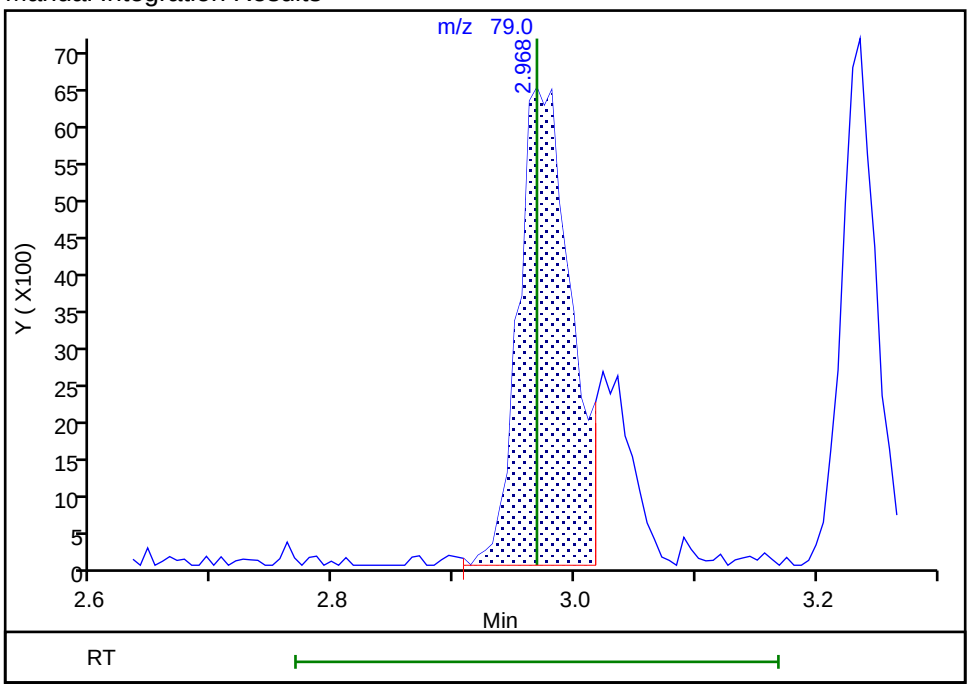
Processing Integration Results

RT: 2.90
Area: 153
Amount: 0.134031
Amount Units: ug/l



Manual Integration Results

RT: 2.97
Area: 19893
Amount: 17.426703
Amount Units: ug/l



Reviewer: parekhv, 09-Jun-2019 14:52:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

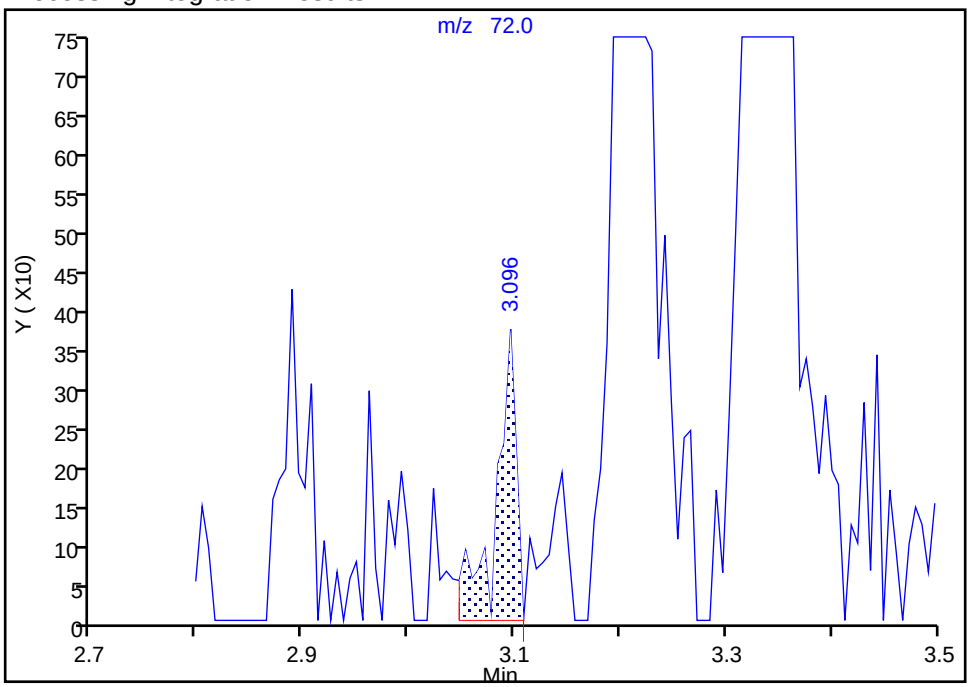
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92193.D
Injection Date: 09-Jun-2019 14:20:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

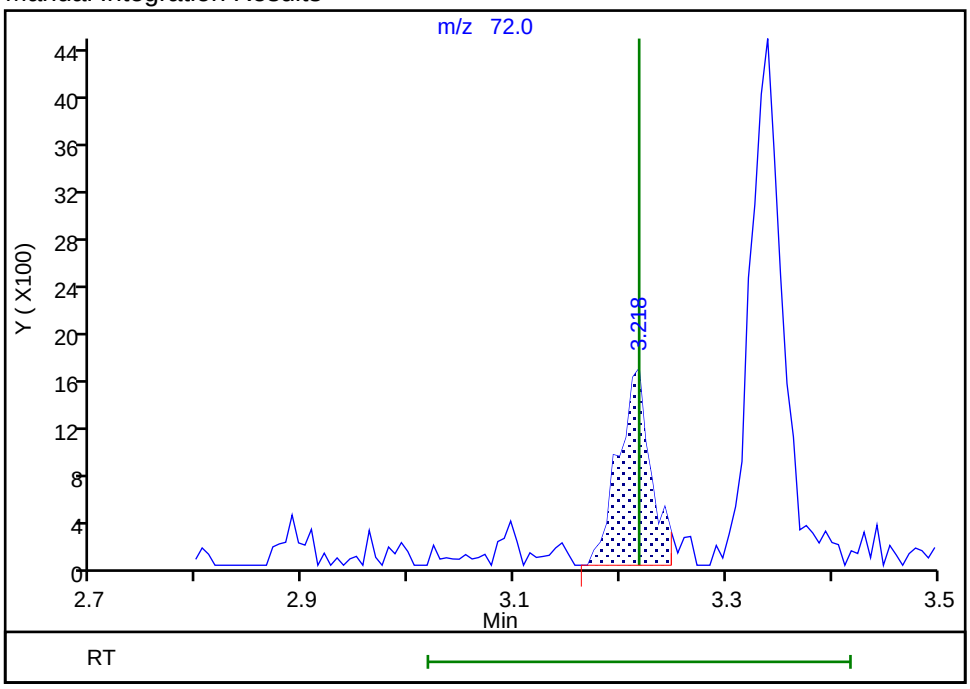
Processing Integration Results

RT: 3.10
Area: 493
Amount: 3.914964
Amount Units: ug/l



Manual Integration Results

RT: 3.22
Area: 3555
Amount: 28.230622
Amount Units: ug/l



Reviewer: parekhv, 09-Jun-2019 14:52:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91273.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 21-May-2019 17:25:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0091538-001
Operator ID: Instrument ID: CVOAMS11

Method: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-May-2019 10:36:25 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0338

First Level Reviewer: moroneyc Date: 22-May-2019 10:36:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 135 BFB	95	2.297	2.297	0.000	96	251238	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

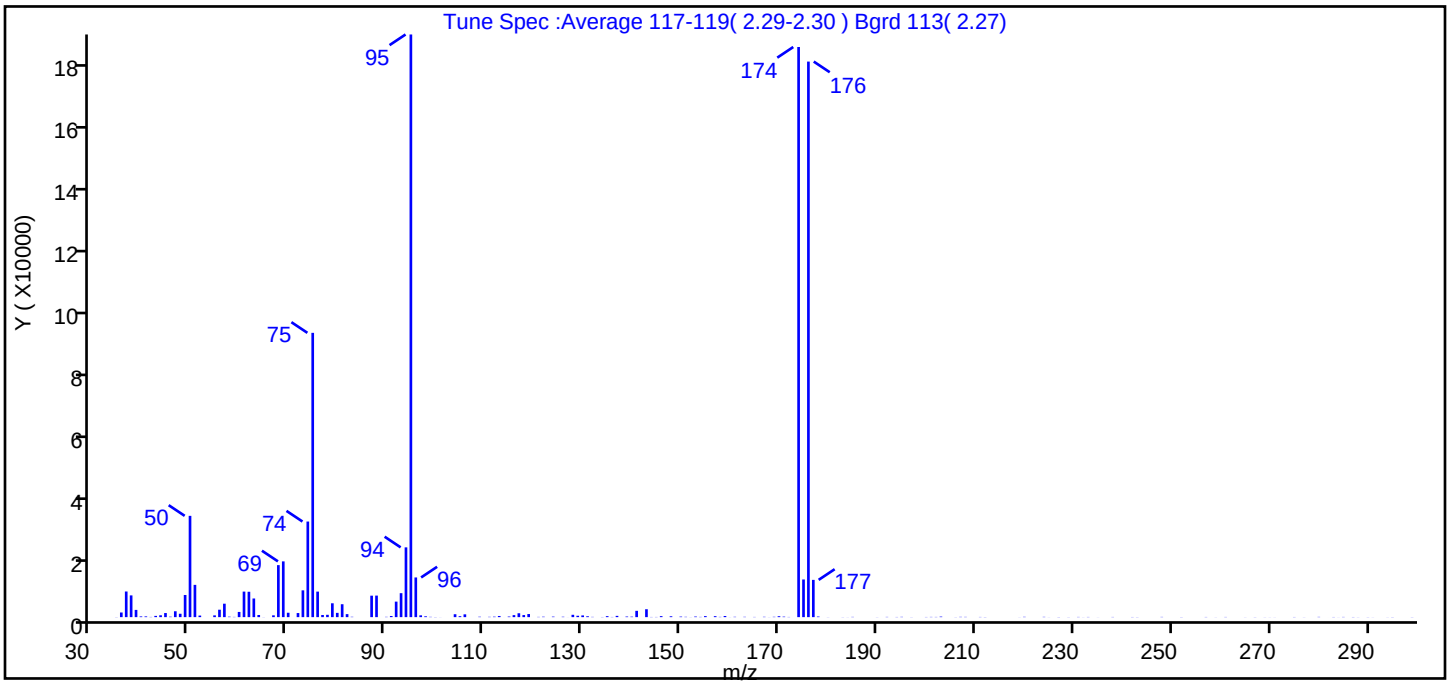
BFB_00021 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91273.D
Injection Date: 21-May-2019 17:25:30 Instrument ID: CVOAMS11
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 135 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.4
75	30 to 60% of m/z 95	48.8
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	97.9
175	5 to 9% of m/z 174	6.5 (6.6)
176	Greater than 95% but less than 101% of m/z 174	95.3 (97.4)
177	5 to 9% of m/z 176	6.4 (6.7)

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91273.D\8260W_11.rslt\spectra.d
Injection Date: 21-May-2019 17:25:30
Spectrum: Tune Spec :Average 117-119(2.29-2.30) Bgrd 113(2.27)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 174

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	38	83.00	110	140.00	151	206.00	31
36.00	1450	87.00	6694	141.00	1968	207.00	90
37.00	7995	88.00	6718	143.00	2465	208.00	81
38.00	6780	90.00	93	144.00	57	211.00	62
39.00	2257	91.00	358	145.00	59	212.00	45
40.00	223	92.00	4840	146.00	311	219.00	22
41.00	230	93.00	7473	148.00	266	220.00	98
42.00	63	94.00	21752	150.00	170	224.00	88
43.00	390	95.00	181632	151.00	100	225.00	19
44.00	578	96.00	12373	152.00	24	227.00	44
45.00	1281	97.00	563	153.00	187	229.00	31
46.00	139	98.00	261	154.00	73	231.00	67
47.00	1833	99.00	88	155.00	320	232.00	20
48.00	1056	100.00	44	157.00	302	233.00	60
49.00	6905	101.00	18	158.00	79	235.00	16
50.00	31576	104.00	909	159.00	357	238.00	61
51.00	10061	105.00	290	160.00	19	242.00	51
52.00	491	106.00	876	161.00	106	243.00	37
55.00	554	109.00	128	163.00	99	248.00	74
56.00	2319	111.00	98	165.00	64	252.00	41
57.00	4192	112.00	149	167.00	106	257.00	57
58.00	146	113.00	361	168.00	23	259.00	22
59.00	72	114.00	6	169.00	105	261.00	61
60.00	1621	115.00	186	170.00	289	265.00	21
61.00	7963	116.00	627	171.00	155	267.00	35
62.00	7913	117.00	1213	172.00	61	269.00	24
63.00	5815	118.00	649	174.00	177728	270.00	19
64.00	671	119.00	969	175.00	11739	271.00	18
65.00	28	120.00	2	176.00	173184	275.00	50
67.00	565	121.00	76	177.00	11618	277.00	24
68.00	16214	122.00	135	178.00	182	280.00	80
69.00	17384	124.00	161	180.00	26	282.00	3
70.00	1368	126.00	124	183.00	30	283.00	50

Report Date: 22-May-2019 10:36:26 Chrom Revision: 2.3 03-May-2019 15:52:00
Data File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91273.D\8260W_11.rslt\spectra.d
Injection Date: 21-May-2019 17:25:30
Spectrum: Tune Spec :Average 117-119(2.29-2.30) Bgrd 113(2.27)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 174

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	1278	127.00	11	184.00	19	284.00	16
73.00	8356	128.00	732	185.00	79	285.00	67
74.00	29800	129.00	431	190.00	26	287.00	48
75.00	88624	130.00	536	192.00	75	288.00	25
76.00	7957	131.00	272	194.00	55	290.00	33
77.00	670	132.00	81	195.00	91	291.00	19
78.00	731	134.00	48	197.00	29	294.00	21
79.00	4321	135.00	306	200.00	54	295.00	43
80.00	1333	136.00	57	201.00	73	299.00	36
81.00	4028	137.00	397	202.00	67		
82.00	939	139.00	191	203.00	165		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92191.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 09-Jun-2019 13:35:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0092525-001
Operator ID: Instrument ID: CVOAMS11

Method: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Jun-2019 17:41:45 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0325

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 135 BFB	95	2.291	2.291	0.000	87	138446	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

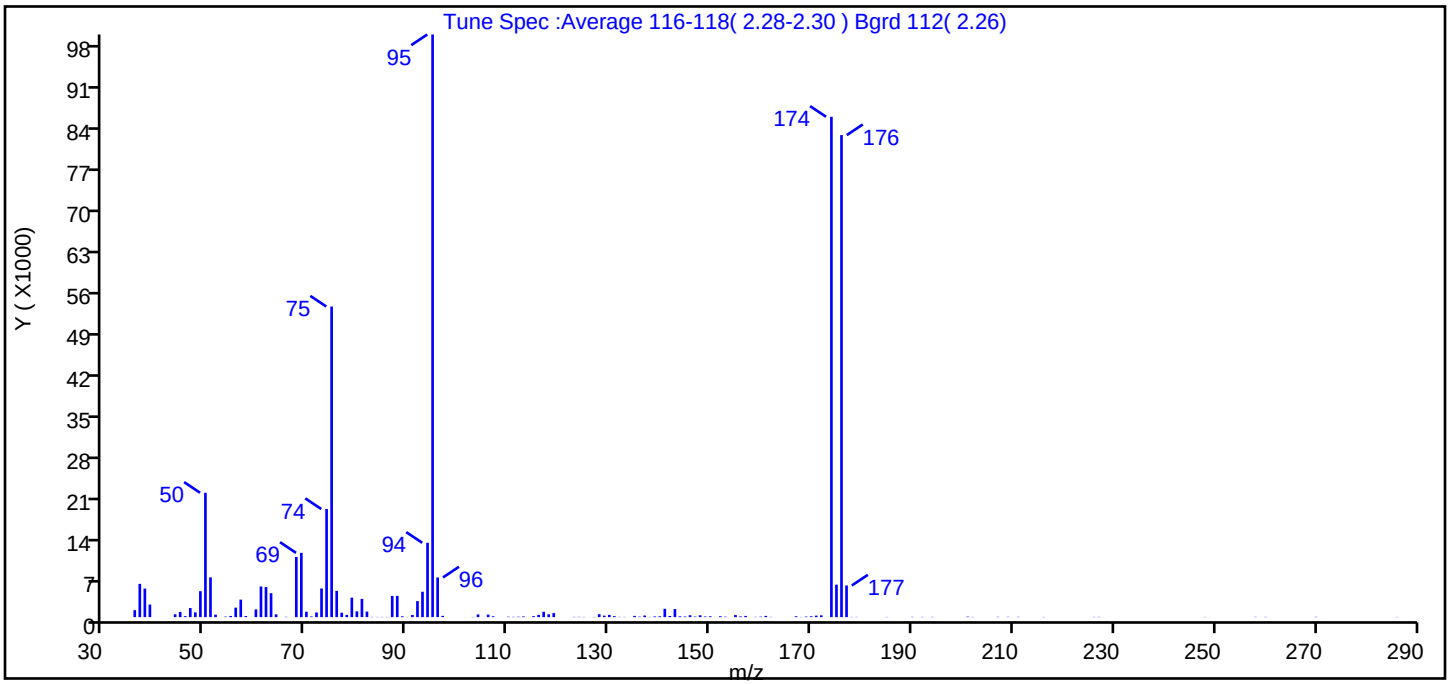
BFB_00021 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92191.D
Injection Date: 09-Jun-2019 13:35:30 Instrument ID: CVOAMS11
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 135 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.3
75	30 to 60% of m/z 95	53.3
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	85.9
175	5 to 9% of m/z 174	5.6 (6.5)
176	Greater than 95% but less than 101% of m/z 174	82.7 (96.3)
177	5 to 9% of m/z 176	5.4 (6.6)

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92191.D\8260W_11.rslt\spectra.d
Injection Date: 09-Jun-2019 13:35:30
Spectrum: Tune Spec :Average 116-118(2.28-2.30) Bgrd 112(2.26)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 131

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1200	77.00	759	119.00	694	160.00	79
37.00	5701	78.00	381	123.00	45	161.00	213
38.00	4891	79.00	3341	124.00	51	162.00	42
39.00	2157	80.00	993	125.00	36	167.00	148
44.00	491	81.00	3128	127.00	37	168.00	34
45.00	883	82.00	955	128.00	503	169.00	99
46.00	170	83.00	44	129.00	258	170.00	143
47.00	1558	84.00	33	130.00	384	171.00	255
48.00	816	85.00	38	131.00	169	172.00	304
49.00	4448	86.00	35	132.00	45	174.00	85704
50.00	21304	87.00	3630	133.00	38	175.00	5564
51.00	6816	88.00	3644	135.00	213	176.00	82568
52.00	423	89.00	144	136.00	81	177.00	5426
54.00	91	90.00	35	137.00	280	178.00	36
55.00	204	91.00	370	138.00	36	179.00	39
56.00	1627	92.00	2746	139.00	119	185.00	36
57.00	3001	93.00	4350	140.00	146	190.00	54
58.00	184	94.00	12738	141.00	1430	192.00	41
60.00	1327	95.00	99800	142.00	199	194.00	45
61.00	5257	96.00	6799	143.00	1388	201.00	82
62.00	5155	97.00	225	144.00	142	202.00	35
63.00	4100	103.00	39	145.00	103	207.00	56
64.00	475	104.00	458	146.00	324	209.00	54
66.00	56	106.00	434	147.00	93	211.00	52
68.00	10314	107.00	146	148.00	319	216.00	33
69.00	11013	110.00	76	149.00	106	226.00	41
70.00	931	111.00	51	150.00	145	227.00	45
71.00	116	112.00	74	152.00	154	248.00	33
72.00	805	113.00	122	153.00	81	258.00	47
73.00	4917	115.00	169	155.00	363	260.00	41
74.00	18520	116.00	393	156.00	122	270.00	55
75.00	53200	117.00	916	157.00	212	286.00	38
76.00	4502	118.00	486	159.00	49		

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1200	77.00	759	119.00	694	160.00	79
37.00	5701	78.00	381	123.00	45	161.00	213
38.00	4891	79.00	3341	124.00	51	162.00	42
39.00	2157	80.00	993	125.00	36	167.00	148
44.00	491	81.00	3128	127.00	37	168.00	34
45.00	883	82.00	955	128.00	503	169.00	99
46.00	170	83.00	44	129.00	258	170.00	143
47.00	1558	84.00	33	130.00	384	171.00	255
48.00	816	85.00	38	131.00	169	172.00	304
49.00	4448	86.00	35	132.00	45	174.00	85704
50.00	21304	87.00	3630	133.00	38	175.00	5564
51.00	6816	88.00	3644	135.00	213	176.00	82568
52.00	423	89.00	144	136.00	81	177.00	5426
54.00	91	90.00	35	137.00	280	178.00	36
55.00	204	91.00	370	138.00	36	179.00	39
56.00	1627	92.00	2746	139.00	119	185.00	36
57.00	3001	93.00	4350	140.00	146	190.00	54
58.00	184	94.00	12738	141.00	1430	192.00	41
60.00	1327	95.00	99800	142.00	199	194.00	45
61.00	5257	96.00	6799	143.00	1388	201.00	82
62.00	5155	97.00	225	144.00	142	202.00	35
63.00	4100	103.00	39	145.00	103	207.00	56
64.00	475	104.00	458	146.00	324	209.00	54
66.00	56	106.00	434	147.00	93	211.00	52
68.00	10314	107.00	146	148.00	319	216.00	33
69.00	11013	110.00	76	149.00	106	226.00	41
70.00	931	111.00	51	150.00	145	227.00	45
71.00	116	112.00	74	152.00	154	248.00	33
72.00	805	113.00	122	153.00	81	258.00	47
73.00	4917	115.00	169	155.00	363	260.00	41
74.00	18520	116.00	393	156.00	122	270.00	55
75.00	53200	117.00	916	157.00	212	286.00	38
76.00	4502	118.00	486	159.00	49		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-616070/9

Matrix: Water Lab File ID: N92199.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/09/2019 16:33

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.: 616070 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		74-132
460-00-4	4-Bromofluorobenzene	92		77-124
1868-53-7	Dibromofluoromethane (Surr)	95		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92199.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 09-Jun-2019 16:33:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0092525-009
Operator ID: Instrument ID: CVOAMS11

Method: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Jun-2019 06:28:52 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0335

First Level Reviewer: moroneyc Date: 10-Jun-2019 06:16:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.220	2.208	0.012	41	62260	1000.0	1000.0	
$ 47 Dibromofluoromethane (Surr	113	3.242	3.236	0.006	96	75593	50.0	47.3	
* 49 2-Butanone-d5	46	3.309	3.297	0.012	0	73238	250.0	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.662	3.656	0.006	99	76582	50.0	53.8	
* 61 Fluorobenzene	96	3.905	3.899	0.006	98	294948	50.0	50.0	
* 70 1,4-Dioxane-d8	96	4.806	4.794	0.012	30	7682	1000.0	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	98	346530	50.0	53.5	
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	88	275042	50.0	50.0	
$ 101 4-Bromofluorobenzene	174	9.107	9.107	0.000	90	104173	50.0	46.0	
* 117 1,4-Dichlorobenzene-d4	152	10.293	10.293	0.000	96	150533	50.0	50.0	

Reagents:

8260ISNEW_00128 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00198 Amount Added: 1.00 Units: uL Run Reagent

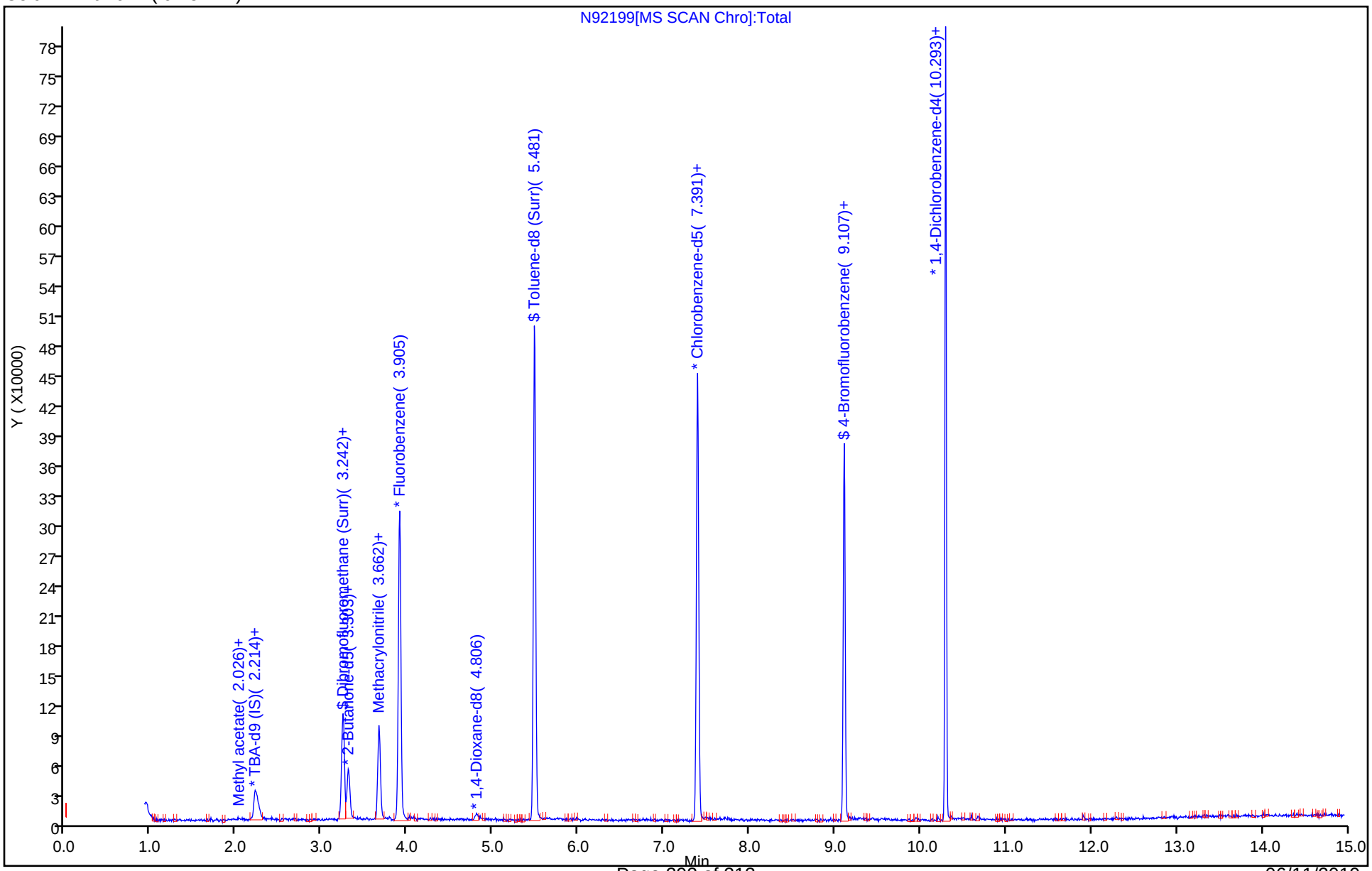
Report Date: 10-Jun-2019 06:29:15 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92199.D

Injection Date:	09-Jun-2019 16:33:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_11	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.: 460-183658-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-616070/4

Matrix: Water Lab File ID: N92194.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/09/2019 14:42

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.: 616070 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.3		1.0	0.24
75-34-3	1,1-Dichloroethane	20.5		1.0	0.26
75-35-4	1,1-Dichloroethene	17.6		1.0	0.26
56-23-5	Carbon tetrachloride	15.4		1.0	0.21
74-87-3	Chloromethane	15.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.22
75-09-2	Methylene Chloride	18.4		1.0	0.32
127-18-4	Tetrachloroethene	17.6		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	18.2		1.0	0.24
79-01-6	Trichloroethene	17.8		1.0	0.31
75-01-4	Vinyl chloride	18.3		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		74-132
460-00-4	4-Bromofluorobenzene	97		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	109		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92194.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Jun-2019 14:42:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0092525-004
Operator ID: Instrument ID: CVOAMS11

Method: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Jun-2019 20:33:57 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: parekhv Date: 09-Jun-2019 17:41:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	87	0.998	1.003	-0.005	97	22319	20.0	15.3	
3 Chloromethane	52	1.071	1.076	-0.005	98	27007	20.0	15.3	
4 Butadiene	54	1.101	1.113	-0.012	92	51854	20.0	16.7	
5 Vinyl chloride	62	1.119	1.119	0.000	98	64747	20.0	18.3	
6 Bromomethane	94	1.290	1.289	0.001	98	42088	20.0	18.3	
7 Chloroethane	64	1.332	1.332	0.000	100	34831	20.0	19.6	a
8 Pentane	72	1.399	1.393	0.006	97	11422	40.0	43.9	
9 Trichlorofluoromethane	101	1.411	1.417	-0.006	51	67748	20.0	17.2	
10 Dichlorofluoromethane	67	1.436	1.442	-0.006	98	73793	20.0	18.3	
11 2-Methyl-1,3-butadiene	53	1.557	1.563	-0.006	96	28914	20.0	19.2	
12 Ethyl ether	59	1.563	1.563	0.000	60	18685	20.0	18.9	
13 Ethanol	45	1.642	1.661	-0.018	22	6066	800.0	933.2	a
14 1,1-Dichloroethene	96	1.685	1.679	0.006	95	28678	20.0	17.6	
16 Carbon disulfide	76	1.703	1.703	0.000	100	114050	20.0	19.1	
17 1,1,2-Trichloro-1,2,2-trif	101	1.740	1.734	0.006	93	39279	20.0	17.1	
18 Iodomethane	142	1.770	1.764	0.006	100	56963	20.0	17.6	
19 Cyclopentene	67	1.849	1.849	0.000	97	78365	20.0	18.7	
20 Acrolein	56	1.880	1.886	-0.006	55	3387	40.0	47.2	
21 3-Chloro-1-propene	76	1.959	1.959	0.000	90	19152	20.0	18.0	
22 Isopropyl alcohol	45	1.977	1.983	-0.006	96	7293	200.0	209.2	
23 Methylene Chloride	84	2.026	2.019	0.007	94	31807	20.0	18.4	
24 Acetone	58	2.062	2.056	0.006	86	5681	100.0	94.0	
25 trans-1,2-Dichloroethene	96	2.117	2.117	0.000	95	33547	20.0	18.2	
26 Methyl acetate	74	2.123	2.129	-0.006	99	5011	40.0	56.2	a
27 Hexane	56	2.166	2.159	0.007	93	22272	20.0	17.9	
28 Methyl tert-butyl ether	73	2.196	2.190	0.006	87	70606	20.0	18.7	
* 29 TBA-d9 (IS)	65	2.214	2.208	0.006	73	65960	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.263	2.263	0.000	92	14038	200.0	185.7	a
31 Acetonitrile	41	2.354	2.360	-0.006	99	18944	200.0	267.0	
32 Isopropyl ether	45	2.433	2.433	0.000	96	120659	20.0	21.1	
33 2-Chloro-1,3-butadiene	88	2.500	2.494	0.006	92	31682	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 1,1-Dichloroethane	63	2.518	2.512	0.006	99	64843	20.0	20.5	
35 Acrylonitrile	53	2.555	2.555	0.000	93	51969	200.0	240.0	
36 Tert-butyl ethyl ether	59	2.683	2.676	0.007	87	96733	20.0	19.4	
37 Vinyl acetate	86	2.689	2.695	-0.006	100	7417	40.0	27.4	
38 cis-1,2-Dichloroethene	96	2.896	2.889	0.007	94	36621	20.0	18.5	
39 2,2-Dichloropropane	79	2.975	2.968	0.007	97	20705	20.0	17.3	
41 Chlorobromomethane	128	3.042	3.035	0.007	72	14792	20.0	17.6	
40 Cyclohexane	84	3.036	3.035	0.001	88	53708	20.0	16.0	
42 Chloroform	83	3.102	3.096	0.006	97	64856	20.0	20.1	
44 Ethyl acetate	70	3.206	3.181	0.025	76	4306	40.0	37.6	
43 Carbon tetrachloride	117	3.194	3.194	0.000	95	58423	20.0	15.4	
45 Methyl acrylate	55	3.200	3.200	0.000	47	12783	20.0	17.5	
46 Tetrahydrofuran	72	3.224	3.218	0.006	31	4241	40.0	32.1	a
$ 47 Dibromofluoromethane (Surr	113	3.236	3.236	0.000	96	76222	50.0	49.3	
48 1,1,1-Trichloroethane	97	3.255	3.248	0.007	98	62128	20.0	17.3	
* 49 2-Butanone-d5	46	3.297	3.297	0.000	0	73545	250.0	250.0	
51 1,1-Dichloropropene	75	3.340	3.340	0.000	92	51493	20.0	18.4	a
50 2-Butanone (MEK)	72	3.346	3.340	0.006	62	9699	100.0	74.6	
52 Isooctane	57	3.425	3.425	0.000	98	75859	20.0	18.4	
53 n-Heptane	57	3.516	3.516	0.000	95	19465	20.0	17.6	
54 Benzene	78	3.540	3.540	0.000	98	147906	20.0	22.0	
55 Propionitrile	54	3.577	3.577	0.000	93	16213	200.0	188.3	
56 Methacrylonitrile	67	3.595	3.589	0.006	94	64464	200.0	199.4	
57 Tert-amyl methyl ether	73	3.656	3.650	0.006	86	80110	20.0	18.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.662	3.656	0.006	98	73083	50.0	53.0	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	37338	20.0	19.5	
60 Isobutyl alcohol	43	3.772	3.772	0.000	97	13408	500.0	510.4	
* 61 Fluorobenzene	96	3.905	3.899	0.006	98	285562	50.0	50.0	
62 Isopropyl acetate	43	3.966	3.966	0.000	98	33179	20.0	19.4	
63 Methylcyclohexane	83	4.033	4.033	0.000	94	55723	20.0	17.0	
64 Trichloroethene	95	4.051	4.045	0.006	96	38362	20.0	17.8	
65 n-Butanol	56	4.423	4.429	-0.006	77	8027	500.0	476.0	
66 Dibromomethane	93	4.441	4.435	0.006	94	13753	20.0	17.9	
67 1,2-Dichloropropane	63	4.544	4.538	0.006	87	35141	20.0	19.6	
68 Ethyl acrylate	55	4.605	4.599	0.006	97	21842	20.0	17.8	
69 Dichlorobromomethane	83	4.617	4.617	0.000	99	41065	20.0	17.4	
* 70 1,4-Dioxane-d8	96	4.800	4.794	0.006	97	7800	1000.0	1000.0	
71 Methyl methacrylate	100	4.812	4.806	0.006	93	8415	40.0	27.1	
72 1,4-Dioxane	88	4.836	4.830	0.006	46	4347	400.0	538.4	
73 n-Propyl acetate	43	4.970	4.970	0.000	98	21760	20.0	17.2	
74 2-Chloroethyl vinyl ether	63	5.244	5.244	0.000	93	12476	20.0	17.9	a
75 cis-1,3-Dichloropropene	75	5.280	5.280	0.000	95	49525	20.0	20.5	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	98	341922	50.0	54.7	
77 Toluene	91	5.536	5.536	0.000	93	165154	20.0	20.9	
78 Epichlorohydrin	57	5.572	5.572	0.000	99	27595	400.0	298.0	
79 2-Nitropropane	41	5.816	5.816	0.000	99	6619	40.0	32.9	
80 Tetrachloroethene	166	5.968	5.968	0.000	95	37520	20.0	17.6	
81 4-Methyl-2-pentanone (MIBK	43	6.023	6.022	0.001	98	79576	100.0	86.9	
82 trans-1,3-Dichloropropene	75	6.053	6.053	0.000	97	42196	20.0	21.3	
83 1,1,2-Trichloroethane	83	6.235	6.235	0.000	91	18242	20.0	22.5	
84 Ethyl methacrylate	69	6.302	6.302	0.000	90	25511	20.0	16.7	
85 Chlorodibromomethane	129	6.442	6.436	0.006	97	23328	20.0	17.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	6.558	6.558	0.000	95	37111	20.0	21.9	
87 Ethylene Dibromide	107	6.698	6.698	0.000	99	18109	20.0	18.7	
88 n-Butyl acetate	43	7.026	7.020	0.006	98	26077	20.0	19.6	
89 2-Hexanone	58	7.099	7.099	0.000	98	27177	100.0	77.5	
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	88	265435	50.0	50.0	
91 Chlorobenzene	112	7.410	7.409	0.001	94	104839	20.0	20.6	
92 Ethylbenzene	106	7.495	7.489	0.006	99	58777	20.0	20.4	
93 1,1,1,2-Tetrachloroethane	131	7.531	7.525	0.006	93	34429	20.0	16.9	
94 m-Xylene & p-Xylene	106	7.708	7.708	0.000	0	75075	20.0	21.2	
95 o-Xylene	106	8.304	8.304	0.000	94	69281	20.0	19.7	
96 Bromoform	173	8.383	8.383	0.000	36	13094	20.0	16.8	
97 Styrene	104	8.395	8.395	0.000	94	108631	20.0	20.0	
98 n-Butyl acrylate	73	8.699	8.705	-0.006	97	14000	20.0	16.7	
99 Isopropylbenzene	105	8.778	8.778	0.000	96	189424	20.0	19.5	
100 Amyl acetate (mixed isomer	43	9.064	9.064	0.000	90	38025	20.0	21.6	
$ 101 4-Bromofluorobenzene	174	9.107	9.107	0.000	91	105888	50.0	48.5	
102 Bromobenzene	156	9.198	9.198	0.000	95	43619	20.0	20.8	
103 N-Propylbenzene	91	9.302	9.301	0.001	98	225308	20.0	22.4	
104 1,1,2,2-Tetrachloroethane	83	9.417	9.417	0.000	96	21338	20.0	22.1	
105 2-Chlorotoluene	91	9.435	9.441	-0.006	96	156876	20.0	22.3	
106 4-Ethyltoluene	105	9.442	9.441	0.001	98	189441	20.0	21.1	
107 1,2,3-Trichloropropane	110	9.521	9.520	0.001	95	7092	20.0	22.2	
108 1,3,5-Trimethylbenzene	105	9.551	9.551	0.000	93	161352	20.0	20.6	
109 trans-1,4-Dichloro-2-buten	53	9.606	9.606	0.000	78	6317	20.0	20.4	
110 4-Chlorotoluene	91	9.630	9.630	0.000	98	138987	20.0	22.6	
111 tert-Butylbenzene	119	9.867	9.867	0.000	94	125331	20.0	18.7	
112 Butyl Methacrylate	87	9.934	9.934	0.000	94	42050	20.0	19.4	
113 1,2,4-Trimethylbenzene	105	9.946	9.946	0.000	98	178173	20.0	22.5	
114 sec-Butylbenzene	105	10.050	10.050	0.000	98	195597	20.0	20.6	
115 4-Isopropyltoluene	119	10.208	10.208	0.000	97	170565	20.0	19.5	
116 1,3-Dichlorobenzene	146	10.214	10.220	-0.006	95	89665	20.0	21.0	
* 117 1,4-Dichlorobenzene-d4	152	10.293	10.293	0.000	95	152675	50.0	50.0	
118 1,4-Dichlorobenzene	146	10.305	10.305	0.000	95	88335	20.0	20.7	
119 1,2,3-Trimethylbenzene	105	10.360	10.360	0.000	99	173325	20.0	20.0	
120 2,3-Dihydroindene	117	10.464	10.463	0.001	94	155458	20.0	20.9	
121 p-Diethylbenzene	119	10.549	10.549	0.000	94	92628	20.0	20.2	
122 Benzyl chloride	126	10.561	10.561	0.000	97	9244	20.0	16.5	
123 n-Butylbenzene	92	10.597	10.597	0.000	98	81453	20.0	21.2	
124 1,2-Dichlorobenzene	146	10.683	10.682	0.001	96	80329	20.0	21.2	
125 1,2,4,5-Tetramethylbenzene	119	11.242	11.242	0.000	96	165402	20.0	18.4	
126 1,2-Dibromo-3-Chloropropan	157	11.376	11.376	0.000	83	4138	20.0	20.0	a
127 1,3,5-Trichlorobenzene	180	11.400	11.400	0.000	96	69981	20.0	19.0	
128 Hexachlorobutadiene	225	11.905	11.905	0.000	91	23147	20.0	16.8	
129 1,2,4-Trichlorobenzene	180	11.911	11.905	0.006	95	53543	20.0	18.5	
130 Naphthalene	128	12.155	12.155	0.000	99	74908	20.0	20.7	
131 1,2,3-Trichlorobenzene	180	12.289	12.289	0.000	94	42629	20.0	20.6	
S 132 1,2-Dichloroethene, Total	100				0		40.0	36.8	
S 133 Xylenes, Total	100				0		40.0	40.9	
S 134 Total BTEX	1				0		100.0	104.1	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00318	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00098	Amount Added:	20.00	Units: uL	
ACROLEIN W_00090	Amount Added:	4.00	Units: uL	
8260ISNEW_00128	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00198	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Jun-2019 20:34:00 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92194.D

Injection Date: 09-Jun-2019 14:42:30 Instrument ID: CVOAMS11 Operator ID:

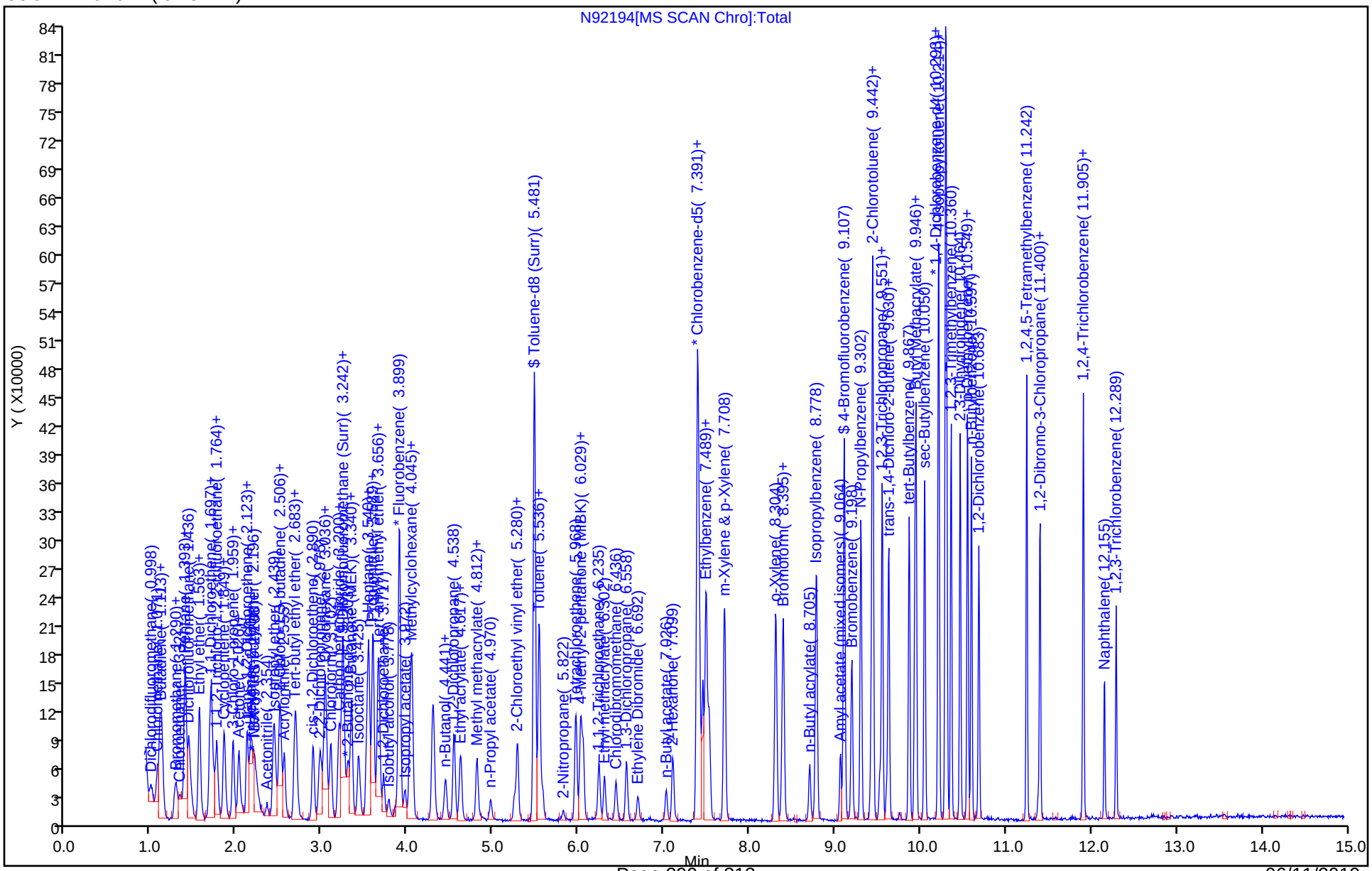
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_11 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.: 460-183658-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-616070/5

Matrix: Water Lab File ID: N92195.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 06/09/2019 15:04

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 616070 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.5		1.0	0.24
75-34-3	1,1-Dichloroethane	20.1		1.0	0.26
75-35-4	1,1-Dichloroethene	17.7		1.0	0.26
56-23-5	Carbon tetrachloride	15.8		1.0	0.21
74-87-3	Chloromethane	17.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.3		1.0	0.22
75-09-2	Methylene Chloride	18.3		1.0	0.32
127-18-4	Tetrachloroethene	17.4		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	18.2		1.0	0.24
79-01-6	Trichloroethene	17.1		1.0	0.31
75-01-4	Vinyl chloride	18.4		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		74-132
460-00-4	4-Bromofluorobenzene	98		77-124
1868-53-7	Dibromofluoromethane (Surr)	101		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92195.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Jun-2019 15:04:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0092525-005
Operator ID: Instrument ID: CVOAMS11

Method: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\8260W_11.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Jun-2019 17:40:25 Calib Date: 22-May-2019 02:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS11\20190521-91538.b\N91289.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0325

First Level Reviewer: parekhv Date: 09-Jun-2019 17:40:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	87	0.991	1.003	-0.012	97	22137	20.0	15.5	
3 Chloromethane	52	1.064	1.076	-0.012	99	30319	20.0	17.5	
4 Butadiene	54	1.101	1.113	-0.012	91	51688	20.0	17.0	
5 Vinyl chloride	62	1.113	1.119	-0.006	98	63713	20.0	18.4	
6 Bromomethane	94	1.289	1.289	0.000	96	39616	20.0	17.6	
7 Chloroethane	64	1.332	1.332	0.000	96	32447	20.0	18.6	
8 Pentane	72	1.393	1.393	0.000	97	12407	40.0	48.0	
9 Trichlorofluoromethane	101	1.405	1.417	-0.012	98	67886	20.0	17.6	
10 Dichlorofluoromethane	67	1.435	1.442	-0.007	99	73184	20.0	18.5	
11 2-Methyl-1,3-butadiene	53	1.557	1.563	-0.006	98	29549	20.0	20.0	
12 Ethyl ether	59	1.557	1.563	-0.006	61	17948	20.0	18.5	
13 Ethanol	45	1.654	1.661	-0.006	92	7806	800.0	1208.0	
14 1,1-Dichloroethene	96	1.679	1.679	0.000	97	28367	20.0	17.7	
16 Carbon disulfide	76	1.697	1.703	-0.006	100	111720	20.0	19.1	
17 1,1,2-Trichloro-1,2,2-trif	101	1.727	1.734	-0.007	97	40995	20.0	18.2	
18 Iodomethane	142	1.764	1.764	0.000	98	55020	20.0	17.3	
19 Cyclopentene	67	1.849	1.849	0.000	97	77326	20.0	18.8	
20 Acrolein	56	1.873	1.886	-0.013	90	3273	40.0	45.9	
21 3-Chloro-1-propene	76	1.953	1.959	-0.006	90	19174	20.0	18.4	
22 Isopropyl alcohol	45	1.977	1.983	-0.006	96	7977	200.0	230.2	
23 Methylene Chloride	84	2.019	2.019	0.000	95	31197	20.0	18.3	
24 Acetone	58	2.050	2.056	-0.006	88	6205	100.0	104.4	
25 trans-1,2-Dichloroethene	96	2.117	2.117	0.000	97	32840	20.0	18.2	
26 Methyl acetate	74	2.129	2.129	0.000	84	4613	40.0	52.0	
27 Hexane	56	2.159	2.159	0.000	93	24613	20.0	20.1	
28 Methyl tert-butyl ether	73	2.190	2.190	0.000	90	69008	20.0	18.6	
* 29 TBA-d9 (IS)	65	2.214	2.208	0.006	70	65576	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.257	2.263	-0.006	97	14488	200.0	192.8	a
31 Acetonitrile	41	2.348	2.360	-0.012	96	18458	200.0	261.7	
32 Isopropyl ether	45	2.433	2.433	0.000	95	115001	20.0	20.5	
33 2-Chloro-1,3-butadiene	88	2.494	2.494	0.000	92	29681	20.0	17.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 1,1-Dichloroethane	63	2.512	2.512	0.000	99	62525	20.0	20.1	
35 Acrylonitrile	53	2.555	2.555	0.000	94	50932	200.0	236.6	
36 Tert-butyl ethyl ether	59	2.670	2.676	-0.006	89	95911	20.0	19.6	
37 Vinyl acetate	86	2.689	2.695	-0.006	99	6721	40.0	25.3	
38 cis-1,2-Dichloroethene	96	2.889	2.889	0.000	95	35511	20.0	18.3	
39 2,2-Dichloropropane	79	2.975	2.968	0.007	96	19401	20.0	16.6	
41 Chlorobromomethane	128	3.035	3.035	0.000	88	14559	20.0	17.7	
40 Cyclohexane	84	3.035	3.035	0.000	89	58213	20.0	17.7	
42 Chloroform	83	3.096	3.096	0.000	97	60593	20.0	19.1	
44 Ethyl acetate	70	3.188	3.181	0.007	79	3337	40.0	29.7	
43 Carbon tetrachloride	117	3.188	3.194	-0.006	96	58790	20.0	15.8	
45 Methyl acrylate	55	3.200	3.200	0.000	49	14364	20.0	20.0	
46 Tetrahydrofuran	72	3.218	3.218	0.000	47	4294	40.0	33.0	
$ 47 Dibromofluoromethane (Surr	113	3.236	3.236	0.000	97	76474	50.0	50.4	
48 1,1,1-Trichloroethane	97	3.248	3.248	0.000	94	61573	20.0	17.5	
* 49 2-Butanone-d5	46	3.297	3.297	0.000	0	72339	250.0	250.0	
51 1,1-Dichloropropene	75	3.340	3.340	0.000	93	48513	20.0	17.6	
50 2-Butanone (MEK)	72	3.334	3.340	-0.006	72	10367	100.0	81.1	
52 Isooctane	57	3.425	3.425	0.000	98	77564	20.0	19.2	
53 n-Heptane	57	3.516	3.516	0.000	94	19198	20.0	17.7	
54 Benzene	78	3.540	3.540	0.000	98	141672	20.0	20.1	
55 Propionitrile	54	3.577	3.577	0.000	34	20171	200.0	235.7	
56 Methacrylonitrile	67	3.589	3.589	0.000	95	63402	200.0	199.8	
57 Tert-amyl methyl ether	73	3.650	3.650	0.000	80	79330	20.0	18.3	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.656	3.656	0.000	98	75186	50.0	55.6	
59 1,2-Dichloroethane	62	3.717	3.717	0.000	97	36846	20.0	19.6	
60 Isobutyl alcohol	43	3.772	3.772	0.000	97	14251	500.0	545.7	
* 61 Fluorobenzene	96	3.899	3.899	0.000	99	280269	50.0	50.0	
62 Isopropyl acetate	43	3.960	3.966	-0.006	97	32647	20.0	19.4	
63 Methylcyclohexane	83	4.027	4.033	-0.006	93	55989	20.0	17.4	
64 Trichloroethene	95	4.045	4.045	0.000	97	36124	20.0	17.1	
65 n-Butanol	56	4.435	4.429	0.006	94	6895	500.0	411.2	
66 Dibromomethane	93	4.435	4.435	0.000	94	13901	20.0	18.4	
67 1,2-Dichloropropane	63	4.538	4.538	0.000	85	33355	20.0	19.0	
68 Ethyl acrylate	55	4.605	4.599	0.006	81	20160	20.0	16.8	
69 Dichlorobromomethane	83	4.617	4.617	0.000	98	39526	20.0	17.0	
* 70 1,4-Dioxane-d8	96	4.800	4.794	0.006	98	7525	1000.0	1000.0	
71 Methyl methacrylate	100	4.812	4.806	0.006	91	8337	40.0	27.4	
72 1,4-Dioxane	88	4.830	4.830	0.000	26	3476	400.0	446.3	a
73 n-Propyl acetate	43	4.970	4.970	0.000	99	22412	20.0	18.1	
74 2-Chloroethyl vinyl ether	63	5.250	5.244	0.006	97	12714	20.0	18.6	
75 cis-1,3-Dichloropropene	75	5.280	5.280	0.000	96	47603	20.0	18.8	
$ 76 Toluene-d8 (Surr)	98	5.481	5.481	0.000	98	339562	50.0	51.7	
77 Toluene	91	5.536	5.536	0.000	93	164196	20.0	19.7	
78 Epichlorohydrin	57	5.572	5.572	0.000	96	28395	400.0	311.7	
79 2-Nitropropane	41	5.828	5.816	0.012	99	6450	40.0	32.2	
80 Tetrachloroethene	166	5.968	5.968	0.000	97	38762	20.0	17.4	
81 4-Methyl-2-pentanone (MIBK	43	6.022	6.022	0.000	97	79703	100.0	88.5	
82 trans-1,3-Dichloropropene	75	6.053	6.053	0.000	96	39269	20.0	18.8	
83 1,1,2-Trichloroethane	83	6.235	6.235	0.000	93	17165	20.0	20.1	
84 Ethyl methacrylate	69	6.302	6.302	0.000	92	25180	20.0	16.8	
85 Chlorodibromomethane	129	6.436	6.436	0.000	98	24180	20.0	17.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	6.564	6.558	0.006	96	37535	20.0	21.1	
87 Ethylene Dibromide	107	6.692	6.698	-0.006	99	18431	20.0	18.1	
88 n-Butyl acetate	43	7.020	7.020	0.000	98	27184	20.0	19.5	
89 2-Hexanone	58	7.105	7.099	0.006	98	26299	100.0	76.3	
* 90 Chlorobenzene-d5	117	7.391	7.391	0.000	88	278855	50.0	50.0	
91 Chlorobenzene	112	7.410	7.409	0.001	93	107703	20.0	20.1	
92 Ethylbenzene	106	7.495	7.489	0.006	98	60546	20.0	20.0	
93 1,1,1,2-Tetrachloroethane	131	7.525	7.525	0.000	94	33846	20.0	15.8	
94 m-Xylene & p-Xylene	106	7.708	7.708	0.000	0	72282	20.0	19.4	
95 o-Xylene	106	8.304	8.304	0.000	93	69289	20.0	18.7	
96 Bromoform	173	8.383	8.383	0.000	96	12902	20.0	15.9	
97 Styrene	104	8.395	8.395	0.000	96	111622	20.0	19.6	
98 n-Butyl acrylate	73	8.705	8.705	0.000	96	15141	20.0	17.2	
99 Isopropylbenzene	105	8.778	8.778	0.000	96	188591	20.0	18.5	
100 Amyl acetate (mixed isomer	43	9.064	9.064	0.000	90	36957	20.0	20.1	
$ 101 4-Bromofluorobenzene	174	9.107	9.107	0.000	91	112740	50.0	49.1	
102 Bromobenzene	156	9.198	9.198	0.000	94	43413	20.0	19.9	
103 N-Propylbenzene	91	9.302	9.301	0.001	98	230603	20.0	22.0	
104 1,1,2,2-Tetrachloroethane	83	9.417	9.417	0.000	97	21927	20.0	21.8	
105 2-Chlorotoluene	91	9.435	9.441	-0.006	96	153487	20.0	20.9	
106 4-Ethyltoluene	105	9.441	9.441	0.000	98	193118	20.0	20.6	
107 1,2,3-Trichloropropane	110	9.527	9.520	0.007	96	6839	20.0	20.5	
108 1,3,5-Trimethylbenzene	105	9.551	9.551	0.000	93	161927	20.0	19.8	
109 trans-1,4-Dichloro-2-buten	53	9.606	9.606	0.000	84	6271	20.0	19.4	
110 4-Chlorotoluene	91	9.630	9.630	0.000	98	141890	20.0	22.1	
111 tert-Butylbenzene	119	9.867	9.867	0.000	93	120138	20.0	17.2	
112 Butyl Methacrylate	87	9.928	9.934	-0.006	95	42413	20.0	18.7	
113 1,2,4-Trimethylbenzene	105	9.946	9.946	0.000	98	174025	20.0	21.0	
114 sec-Butylbenzene	105	10.050	10.050	0.000	98	197503	20.0	19.9	
115 4-Isopropyltoluene	119	10.208	10.208	0.000	97	175365	20.0	19.2	
116 1,3-Dichlorobenzene	146	10.214	10.220	-0.006	95	88112	20.0	19.7	
* 117 1,4-Dichlorobenzene-d4	152	10.293	10.293	0.000	96	159228	50.0	50.0	
118 1,4-Dichlorobenzene	146	10.305	10.305	0.000	93	88095	20.0	19.8	
119 1,2,3-Trimethylbenzene	105	10.360	10.360	0.000	99	177448	20.0	19.7	
120 2,3-Dihydroindene	117	10.463	10.463	0.000	93	157504	20.0	20.3	
121 p-Diethylbenzene	119	10.549	10.549	0.000	93	94227	20.0	19.7	
122 Benzyl chloride	126	10.561	10.561	0.000	97	9518	20.0	16.3	
123 n-Butylbenzene	92	10.597	10.597	0.000	98	84384	20.0	21.0	
124 1,2-Dichlorobenzene	146	10.683	10.682	0.000	96	80828	20.0	20.4	
125 1,2,4,5-Tetramethylbenzene	119	11.242	11.242	0.000	97	169960	20.0	18.1	
126 1,2-Dibromo-3-Chloropropan	157	11.376	11.376	0.000	88	4030	20.0	18.7	
127 1,3,5-Trichlorobenzene	180	11.400	11.400	0.000	97	71416	20.0	18.6	
128 Hexachlorobutadiene	225	11.905	11.905	0.000	91	24866	20.0	17.3	
129 1,2,4-Trichlorobenzene	180	11.905	11.905	0.000	94	54151	20.0	18.0	
130 Naphthalene	128	12.149	12.155	-0.006	99	75838	20.0	20.1	
131 1,2,3-Trichlorobenzene	180	12.289	12.289	0.000	95	40505	20.0	18.8	
S 132 1,2-Dichloroethene, Total	100				0		40.0	36.5	
S 133 Xylenes, Total	100				0		40.0	38.1	
S 134 Total BTEX	1				0		100.0	98.0	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00318	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00098	Amount Added:	20.00	Units: uL	
ACROLEIN W_00090	Amount Added:	4.00	Units: uL	
8260ISNEW_00128	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00198	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Jun-2019 17:40:27 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS11\20190609-92525.b\N92195.D

Injection Date: 09-Jun-2019 15:04:30 Instrument ID: CVOAMS11 Operator ID:

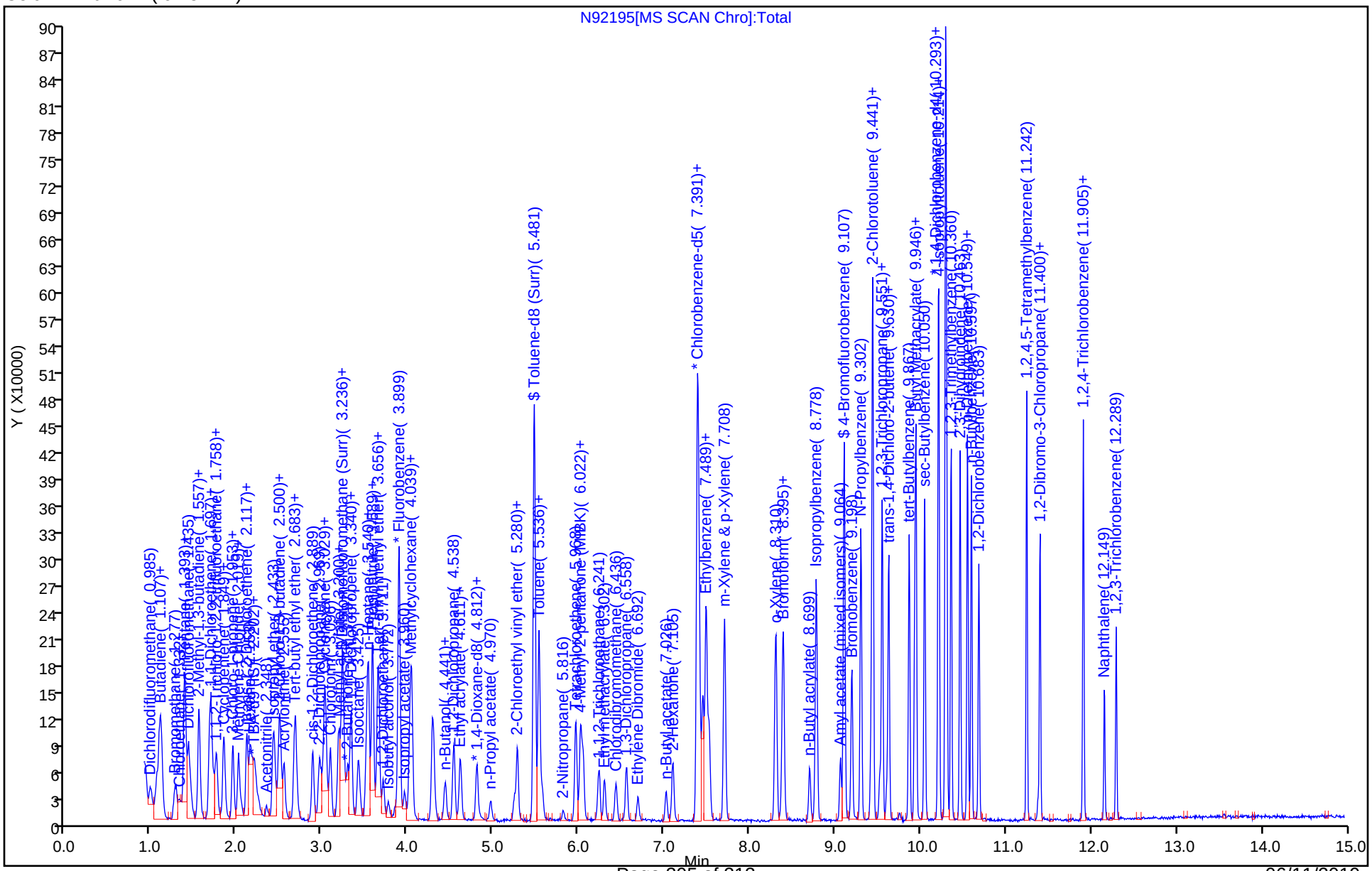
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_11 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.: 460-183658-1

SDG No.:

Instrument ID: CVOAMS11 Start Date: 05/21/2019 17:25

Analysis Batch Number: 611714 End Date: 05/22/2019 03:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-611714/1		05/21/2019 17:25	1	N91273.D	Rtx-624 0.25(mm)
STD7 460-611714/3 IC		05/21/2019 18:32	1	N91275.D	Rtx-624 0.25(mm)
STD5 460-611714/5 IC		05/21/2019 19:16	1	N91277.D	Rtx-624 0.25(mm)
STD20 460-611714/6 ICIS		05/21/2019 19:39	1	N91278.D	Rtx-624 0.25(mm)
STD50 460-611714/7 IC		05/21/2019 20:01	1	N91279.D	Rtx-624 0.25(mm)
STD200 460-611714/8 IC		05/21/2019 20:24	1	N91280.D	Rtx-624 0.25(mm)
STD500 460-611714/9 IC		05/21/2019 20:46	1	N91281.D	Rtx-624 0.25(mm)
STD1 460-611714/17 IC		05/22/2019 02:28	1	N91289.D	Rtx-624 0.25(mm)
ICV 460-611714/19		05/22/2019 03:39	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Instrument ID: CVOAMS11 Start Date: 06/09/2019 13:35

Analysis Batch Number: 616070 End Date: 06/10/2019 00:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-616070/1		06/09/2019 13:35	1	N92191.D	Rtx-624 0.25(mm)
CCVIS 460-616070/3		06/09/2019 14:20	1	N92193.D	Rtx-624 0.25(mm)
LCS 460-616070/4		06/09/2019 14:42	1	N92194.D	Rtx-624 0.25(mm)
LCSD 460-616070/5		06/09/2019 15:04	1	N92195.D	Rtx-624 0.25(mm)
MB 460-616070/9		06/09/2019 16:33	1	N92199.D	Rtx-624 0.25(mm)
460-183658-4		06/09/2019 16:56	1	N92200.D	Rtx-624 0.25(mm)
ZZZZZ		06/09/2019 17:18	1		Rtx-624 0.25(mm)
460-183658-5		06/09/2019 17:40	1	N92202.D	Rtx-624 0.25(mm)
ZZZZZ		06/09/2019 18:02	1		Rtx-624 0.25(mm)
ZZZZZ		06/09/2019 18:25	5		Rtx-624 0.25(mm)
460-183658-1		06/09/2019 19:32	1	N92207.D	Rtx-624 0.25(mm)
460-183658-2		06/09/2019 19:54	1	N92208.D	Rtx-624 0.25(mm)
460-183658-3		06/09/2019 20:16	1	N92209.D	Rtx-624 0.25(mm)
ZZZZZ		06/09/2019 20:38	1		Rtx-624 0.25(mm)
ZZZZZ		06/09/2019 21:01	1		Rtx-624 0.25(mm)
ZZZZZ		06/09/2019 21:23	1		Rtx-624 0.25(mm)
ZZZZZ		06/09/2019 21:45	1		Rtx-624 0.25(mm)
ZZZZZ		06/09/2019 22:08	1		Rtx-624 0.25(mm)
ZZZZZ		06/09/2019 23:15	1		Rtx-624 0.25(mm)
ZZZZZ		06/09/2019 23:37	1		Rtx-624 0.25(mm)
ZZZZZ		06/10/2019 00:00	1		Rtx-624 0.25(mm)
ZZZZZ		06/10/2019 00:22	1		Rtx-624 0.25(mm)
ZZZZZ		06/10/2019 00:44	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1

SDG No.:

Batch Number: 616070 Batch Start Date: 06/09/19 13:35 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260ISNEW 00128	8260MIX1COMB 00098	8260SURR250 00198	ACROLEIN W 00090
BFB 460-616070/1		8260C		5 mL	0				
CCVIS 460-616070/3		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
LCS 460-616070/4		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
LCSD 460-616070/5		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
MB 460-616070/9		8260C		5 mL	5 mL	1 uL		1 uL	
460-183658-A-4	K710-EB-06052019	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-183658-B-5	K710-TB-06052019	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-183658-A-1	K710-MW-1	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-183658-A-2	K710-DUP-06052019	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-183658-A-3	K710-MW-2	8260C	T	5 mL	5 mL	1 uL		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00021	GASES Li 00318				
BFB 460-616070/1		8260C		1 uL					
CCVIS 460-616070/3		8260C			20 uL				
LCS 460-616070/4		8260C			20 uL				
LCSD 460-616070/5		8260C			20 uL				
MB 460-616070/9		8260C							
460-183658-A-4	K710-EB-06052019	8260C	T						
460-183658-B-5	K710-TB-06052019	8260C	T						
460-183658-A-1	K710-MW-1	8260C	T						
460-183658-A-2	K710-DUP-06052019	8260C	T						
460-183658-A-3	K710-MW-2	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.: 460-183658-1

SDG No.:

Batch Number: 616070 Batch Start Date: 06/09/19 13:35 Batch Analyst: Parekh, Vyomesh B

Batch 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.

Shipping and Receiving Documents

NYC
222

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page ___ of ___

Name (for report and invoice): TRC Engineers Inc	Samplers Name (Printed): Sanjay Sharma / Jonathan Tso	Site/Project Identification: K710 168 8th St, Brooklyn, NY	
Company: Attn. Lindsay O'Hara	P. O. #: 330553 NYCSCA Project	State (Location of site): NJ: ☐ NY: ☒ Other:	
Address: 1430 Broadway 10th Floor	Analysis Turnaround Time: Standard ☒ 5 DAYS	Regulatory Program: NYSDEC CP-51 - EQuIS - ASP EDD	DKQP: ☐
City: New York State: NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐		
Phone: 917-809-9372 Fax:			

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: 183658

Sample Identification	Date	Time	Matrix	No. of Cont.	Abbreviated VOCs *	Sample Numbers
K710-MW-1	06/05/19	1440	GW	3	X	-1
K710-DUP-06052019		1540		3	X	-2
K710-MW-2		1300		3	X	-3
K710-EB-06052019		1050	AQ	2	X	-4
K710-TB-06052019		—	AQ	2	X	-5

5-Day RUSH

460-183658 Chain of Custody

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____
Soil:
Water: HCl

Special Instructions Refer to email for list of VOCs; will resend another copy ; NYCSCA Project
Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	TRC	6/5/19 1530	1)	T. H.
Relinquished by 2)	Company T. H.	Date / Time 6/5/19 19:20	Received by 2)	Company TA
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

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

TAL - 0016 (0715)

2 8 / 2. 8 thor

06/11/2019

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 183658

Number of Coolers: 2 IR Gun #: 21

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1	2.8 °C	1.8 °C	Cooler #4	°C	°C	Cooler #7	°C	°C
Cooler #2	°C	°C	Cooler #5	°C	°C	Cooler #8	°C	°C
Cooler #3	°C	°C	Cooler #6	°C	°C	Cooler #9	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

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

Initials: _____ Date: 6/5/19

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 460-183658-1

Login Number: 183658
List Number: 1
Creator: Lysy, Susan

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Job Number: 460-190672-1

Job Description: K710 168 8th Street, Brooklyn-NY

For:
TRC Environmental Corporation
1430 Broadway, 10th FL
New York, NY 10018-3308

Attention: Lindsay O'Hara



Approved for release.
Thomas A Chupela
Project Management Assistant I
9/12/2019 1:07 PM

Designee for
Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
09/12/2019

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 LAO00132

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

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

Eurofins TestAmerica, Edison
777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com

Job Number: 460-190672-1

Job Description: K710 168 8th Street, Brooklyn-NY

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



Approved for release.
Thomas A Chupela
Project Management Assistant I
9/12/2019 1:07 PM

Designee for
Melissa Haas

Table of Contents

Cover Title Page 1

Data Summaries 5

Report Narrative 5

Sample Summary 6

Detection Summary 7

Method Summary 8

Client Sample Results 9

Surrogate Summary 12

QC Sample Results 13

Definitions 15

QC Association 16

Chronicle 17

Certification Summary 18

Organic Sample Data 19

GC/MS VOA 19

8260C 19

8260C QC Summary 20

8260C Sample Data 28

Standards Data 49

8260C ICAL Data 49

8260C CCAL Data 209

Raw QC Data 226

8260C Tune Data 226

8260C Blank Data 233

8260C LCS/LCSD Data 236

8260C Run Logs 248

Table of Contents

8260C Prep Data 250

Shipping and Receiving Documents 252

Client Chain of Custody 253

Sample Receipt Checklist 255

CASE NARRATIVE

Client: TRC Environmental Corporation

Project: K710 168 8th Street, Brooklyn-NY

Report Number: 460-190672-1

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 9/6/2019 8:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1° C.

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 K710-EB-09062019 (460-190672-1), K710-TB-09062019 (460-190672-2), K710-MW-1 (460-190672-3), K710-DUP-09062019 (460-190672-4) and K710-MW-2 (460-190672-5) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 09/11/2019.

No difficulties were encountered during the volatiles analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: TRC Environmental Corporation
Job ID: 460-190672-1
Project/Site: K710 168 8th Street, Brooklyn-NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-190672-1	K710-EB-09062019	Water	09/06/19 09:45	09/06/19 20:00	
460-190672-2	K710-TB-09062019	Water	09/06/19 00:00	09/06/19 20:00	
460-190672-3	K710-MW-1	Water	09/06/19 10:20	09/06/19 20:00	
460-190672-4	K710-DUP-09062019	Water	09/06/19 11:20	09/06/19 20:00	
460-190672-5	K710-MW-2	Water	09/06/19 12:20	09/06/19 20:00	

Detection Summary

Client: TRC Environmental Corporation
Job ID: 460-190672-1
Project/Site: K710 168 8th Street, Brooklyn-NY

Client Sample ID: K710-EB-09062019
Lab Sample ID: 460-190672-1

No Detections.

Client Sample ID: K710-TB-09062019
Lab Sample ID: 460-190672-2

No Detections.

Client Sample ID: K710-MW-1
Lab Sample ID: 460-190672-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.95	J	1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	0.84	J	1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: K710-DUP-09062019
Lab Sample ID: 460-190672-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.1		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	0.86	J	1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: K710-MW-2
Lab Sample ID: 460-190672-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.1		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	1.7		1.0	0.31	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Job ID: 460-190672-1
Project/Site: K710 168 8th Street, Brooklyn-NY

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: K710-EB-09062019
Lab Sample ID: 460-190672-1

Date Collected: 09/06/19 09:45
Matrix: Water
Date Received: 09/06/19 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/11/19 14:23	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/19 14:23	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/19 14:23	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			09/11/19 14:23	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/11/19 14:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			09/11/19 14:23	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			09/11/19 14:23	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			09/11/19 14:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/11/19 14:23	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			09/11/19 14:23	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/11/19 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*74 - 132*		*09/11/19 14:23*	*1*
4-Bromofluorobenzene	*104*		*77 - 124*		*09/11/19 14:23*	*1*
Dibromofluoromethane (Surr)	*100*		*72 - 131*		*09/11/19 14:23*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/11/19 14:23*	*1*

Client Sample ID: K710-TB-09062019
Lab Sample ID: 460-190672-2

Date Collected: 09/06/19 00:00
Matrix: Water
Date Received: 09/06/19 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/11/19 13:57	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/19 13:57	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/19 13:57	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			09/11/19 13:57	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/11/19 13:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			09/11/19 13:57	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			09/11/19 13:57	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			09/11/19 13:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/11/19 13:57	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			09/11/19 13:57	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/11/19 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*74 - 132*		*09/11/19 13:57*	*1*
4-Bromofluorobenzene	*103*		*77 - 124*		*09/11/19 13:57*	*1*
Dibromofluoromethane (Surr)	*101*		*72 - 131*		*09/11/19 13:57*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/11/19 13:57*	*1*

Client Sample ID: K710-MW-1
Lab Sample ID: 460-190672-3

Date Collected: 09/06/19 10:20
Matrix: Water
Date Received: 09/06/19 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/11/19 14:48	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/19 14:48	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/19 14:48	1

Client Sample ID: K710-MW-1
Lab Sample ID: 460-190672-3
Date Collected: 09/06/19 10:20
Matrix: Water
Date Received: 09/06/19 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			09/11/19 14:48	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/11/19 14:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			09/11/19 14:48	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			09/11/19 14:48	1
Tetrachloroethene	**0.95**	**J**	1.0	0.25	ug/L			09/11/19 14:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/11/19 14:48	1
Trichloroethene	**0.84**	**J**	1.0	0.31	ug/L			09/11/19 14:48	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/11/19 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*74 - 132*		*09/11/19 14:48*	*1*
4-Bromofluorobenzene	*104*		*77 - 124*		*09/11/19 14:48*	*1*
Dibromofluoromethane (Surr)	*100*		*72 - 131*		*09/11/19 14:48*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/11/19 14:48*	*1*

Client Sample ID: K710-DUP-09062019
Lab Sample ID: 460-190672-4
Date Collected: 09/06/19 11:20
Matrix: Water
Date Received: 09/06/19 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/11/19 15:14	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/19 15:14	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/19 15:14	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			09/11/19 15:14	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/11/19 15:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			09/11/19 15:14	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			09/11/19 15:14	1
Tetrachloroethene	**1.1**		1.0	0.25	ug/L			09/11/19 15:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/11/19 15:14	1
Trichloroethene	**0.86**	**J**	1.0	0.31	ug/L			09/11/19 15:14	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/11/19 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*74 - 132*		*09/11/19 15:14*	*1*
4-Bromofluorobenzene	*109*		*77 - 124*		*09/11/19 15:14*	*1*
Dibromofluoromethane (Surr)	*106*		*72 - 131*		*09/11/19 15:14*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*09/11/19 15:14*	*1*

Client Sample ID: K710-MW-2
Lab Sample ID: 460-190672-5
Date Collected: 09/06/19 12:20
Matrix: Water
Date Received: 09/06/19 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/11/19 15:40	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/19 15:40	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/19 15:40	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			09/11/19 15:40	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/11/19 15:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			09/11/19 15:40	1

Client: TRC Environmental Corporation
Job ID: 460-190672-1
Project/Site: K710 168 8th Street, Brooklyn-NY

Client Sample ID: K710-MW-2
Lab Sample ID: 460-190672-5

Date Collected: 09/06/19 12:20
Matrix: Water
Date Received: 09/06/19 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.32	ug/L			09/11/19 15:40	1
Tetrachloroethene	**1.1**		1.0	0.25	ug/L			09/11/19 15:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/11/19 15:40	1
Trichloroethene	**1.7**		1.0	0.31	ug/L			09/11/19 15:40	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/11/19 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*74 - 132*		*09/11/19 15:40*	*1*
4-Bromofluorobenzene	*102*		*77 - 124*		*09/11/19 15:40*	*1*
Dibromofluoromethane (Surr)	*100*		*72 - 131*		*09/11/19 15:40*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/11/19 15:40*	*1*

Surrogate Summary

Client: TRC Environmental Corporation
Job ID: 460-190672-1
Project/Site: K710 168 8th Street, Brooklyn-NY

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(74-132)	(77-124)	(72-131)	(80-120)
460-190672-1	K710-EB-09062019	111	104	100	100
460-190672-2	K710-TB-09062019	110	103	101	99
460-190672-3	K710-MW-1	112	104	100	100
460-190672-4	K710-DUP-09062019	117	109	106	107
460-190672-5	K710-MW-2	110	102	100	99
LCS 460-638407/4	Lab Control Sample	103	108	97	100
LCSD 460-638407/5	Lab Control Sample Dup	104	109	97	101
MB 460-638407/9	Method Blank	107	105	99	99

Surrogate Legend

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

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

Lab Sample ID: MB 460-638407/9
Matrix: Water
Analysis Batch: 638407

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/11/19 10:11	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/19 10:11	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/19 10:11	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			09/11/19 10:11	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/11/19 10:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			09/11/19 10:11	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			09/11/19 10:11	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			09/11/19 10:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/11/19 10:11	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			09/11/19 10:11	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/11/19 10:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*74 - 132*		*09/11/19 10:11*	*1*
4-Bromofluorobenzene	*105*		*77 - 124*		*09/11/19 10:11*	*1*
Dibromofluoromethane (Surr)	*99*		*72 - 131*		*09/11/19 10:11*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/11/19 10:11*	*1*

Lab Sample ID: LCS 460-638407/4
Matrix: Water
Analysis Batch: 638407

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	18.8		ug/L		94	75 - 125
1,1-Dichloroethane	20.0	19.2		ug/L		96	77 - 123
1,1-Dichloroethene	20.0	15.6		ug/L		78	74 - 123
Carbon tetrachloride	20.0	19.3		ug/L		97	70 - 132
Chloromethane	20.0	20.9		ug/L		104	56 - 131
cis-1,2-Dichloroethene	20.0	18.5		ug/L		92	80 - 120
Methylene Chloride	20.0	17.8		ug/L		89	77 - 123
Tetrachloroethene	20.0	21.1		ug/L		106	78 - 122
trans-1,2-Dichloroethene	20.0	17.1		ug/L		85	79 - 120
Trichloroethene	20.0	18.3		ug/L		91	77 - 120
Vinyl chloride	20.0	22.5		ug/L		112	62 - 138

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*74 - 132*
4-Bromofluorobenzene	*108*		*77 - 124*
Dibromofluoromethane (Surr)	*97*		*72 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 460-638407/5
Matrix: Water
Analysis Batch: 638407

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.7		ug/L		99	75 - 125	5	30
1,1-Dichloroethane	20.0	20.3		ug/L		101	77 - 123	6	30

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

Lab Sample ID: LCSD 460-638407/5
Matrix: Water
Analysis Batch: 638407

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-Dichloroethene			20.0	15.9		ug/L		80	74 - 123	2	30
Carbon tetrachloride			20.0	19.8		ug/L		99	70 - 132	3	30
Chloromethane			20.0	20.6		ug/L		103	56 - 131	2	30
cis-1,2-Dichloroethene			20.0	19.0		ug/L		95	80 - 120	3	30
Methylene Chloride			20.0	15.8		ug/L		79	77 - 123	12	30
Tetrachloroethene			20.0	21.5		ug/L		108	78 - 122	2	30
trans-1,2-Dichloroethene			20.0	17.2		ug/L		86	79 - 120	1	30
Trichloroethene			20.0	19.2		ug/L		96	77 - 120	5	30
Vinyl chloride			20.0	21.7		ug/L		108	62 - 138	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*74 - 132*
4-Bromofluorobenzene	*109*		*77 - 124*
Dibromofluoromethane (Surr)	*97*		*72 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
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: TRC Environmental Corporation
Job ID: 460-190672-1
Project/Site: K710 168 8th Street, Brooklyn-NY

GC/MS VOA

Analysis Batch: 638407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-190672-1	K710-EB-09062019	Total/NA	Water	8260C	
460-190672-2	K710-TB-09062019	Total/NA	Water	8260C	
460-190672-3	K710-MW-1	Total/NA	Water	8260C	
460-190672-4	K710-DUP-09062019	Total/NA	Water	8260C	
460-190672-5	K710-MW-2	Total/NA	Water	8260C	
MB 460-638407/9	Method Blank	Total/NA	Water	8260C	
LCS 460-638407/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-638407/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Lab Chronicle

Client: TRC Environmental Corporation
Job ID: 460-190672-1
Project/Site: K710 168 8th Street, Brooklyn-NY

Client Sample ID: K710-EB-09062019
Lab Sample ID: 460-190672-1
Date Collected: 09/06/19 09:45
Matrix: Water
Date Received: 09/06/19 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	638407	09/11/19 14:23	CJM	TAL EDI

Client Sample ID: K710-TB-09062019
Lab Sample ID: 460-190672-2
Date Collected: 09/06/19 00:00
Matrix: Water
Date Received: 09/06/19 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	638407	09/11/19 13:57	CJM	TAL EDI

Client Sample ID: K710-MW-1
Lab Sample ID: 460-190672-3
Date Collected: 09/06/19 10:20
Matrix: Water
Date Received: 09/06/19 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	638407	09/11/19 14:48	CJM	TAL EDI

Client Sample ID: K710-DUP-09062019
Lab Sample ID: 460-190672-4
Date Collected: 09/06/19 11:20
Matrix: Water
Date Received: 09/06/19 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	638407	09/11/19 15:14	CJM	TAL EDI

Client Sample ID: K710-MW-2
Lab Sample ID: 460-190672-5
Date Collected: 09/06/19 12:20
Matrix: Water
Date Received: 09/06/19 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	638407	09/11/19 15:40	CJM	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Job ID: 460-190672-1
Project/Site: K710 168 8th Street, Brooklyn-NY

Laboratory: Eurofins TestAmerica, Edison

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

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

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
K710-EB-09062019	460-190672-1	100	111	100	104
K710-TB-09062019	460-190672-2	101	110	99	103
K710-MW-1	460-190672-3	100	112	100	104
K710-DUP-09062019	460-190672-4	106	117	107	109
K710-MW-2	460-190672-5	100	110	99	102
	MB 460-638407/9	99	107	99	105
	LCS 460-638407/4	97	103	100	108
	LCSD 460-638407/5	97	104	101	109

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

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U11661.D

Lab ID: LCS 460-638407/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.8	94	75-125	
1,1-Dichloroethane	20.0	19.2	96	77-123	
1,1-Dichloroethene	20.0	15.6	78	74-123	
Carbon tetrachloride	20.0	19.3	97	70-132	
Chloromethane	20.0	20.9	104	56-131	
cis-1,2-Dichloroethene	20.0	18.5	92	80-120	
Methylene Chloride	20.0	17.8	89	77-123	
Tetrachloroethene	20.0	21.1	106	78-122	
trans-1,2-Dichloroethene	20.0	17.1	85	79-120	
Trichloroethene	20.0	18.3	91	77-120	
Vinyl chloride	20.0	22.5	112	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U11662.D

Lab ID: LCSD 460-638407/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.7	99	5	30	75-125	
1,1-Dichloroethane	20.0	20.3	101	6	30	77-123	
1,1-Dichloroethene	20.0	15.9	80	2	30	74-123	
Carbon tetrachloride	20.0	19.8	99	3	30	70-132	
Chloromethane	20.0	20.6	103	2	30	56-131	
cis-1,2-Dichloroethene	20.0	19.0	95	3	30	80-120	
Methylene Chloride	20.0	15.8	79	12	30	77-123	
Tetrachloroethene	20.0	21.5	108	2	30	78-122	
trans-1,2-Dichloroethene	20.0	17.2	86	1	30	79-120	
Trichloroethene	20.0	19.2	96	5	30	77-120	
Vinyl chloride	20.0	21.7	108	4	30	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Lab File ID: U11666.D Lab Sample ID: MB 460-638407/9

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

Instrument ID: CVOAMS16 Date Analyzed: 09/11/2019 10:11

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-638407/4	U11661.D	09/11/2019 08:03
	LCSD 460-638407/5	U11662.D	09/11/2019 08:28
K710-TB-09062019	460-190672-2	U11675.D	09/11/2019 13:57
K710-EB-09062019	460-190672-1	U11676.D	09/11/2019 14:23
K710-MW-1	460-190672-3	U11677.D	09/11/2019 14:48
K710-DUP-09062019	460-190672-4	U11678.D	09/11/2019 15:14
K710-MW-2	460-190672-5	U11679.D	09/11/2019 15:40

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Lab File ID: U09959a.D BFB Injection Date: 07/30/2019

Instrument ID: CVOAMS16 BFB Injection Time: 11:35

Analysis Batch No.: 628277

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.4	
75	30.0 - 60.0 % of mass 95	44.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.3	(0.4) 1
174	50.0 - 120.00 % of mass 95	75.1	
175	5.0 - 9.0 % of mass 174	5.6	(7.4) 1
176	95.0 - 101.0 % of mass 174	72.9	(97.0) 1
177	5.0 - 9.0 % of mass 176	5.2	(7.1) 2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-628277/4	U09962a.D	07/30/2019	12:49
	STD1 460-628277/5	U09963a.D	07/30/2019	13:15
	STD5 460-628277/6	U09964a.D	07/30/2019	13:40
	STD20 460-628277/7	U09965a.D	07/30/2019	14:04
	STD50 460-628277/8	U09966a.D	07/30/2019	14:29
	STD200 460-628277/9	U09967a.D	07/30/2019	14:54
	STD500 460-628277/10	U09968a.D	07/30/2019	15:18

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Lab File ID: U11658.D BFB Injection Date: 09/11/2019

Instrument ID: CVOAMS16 BFB Injection Time: 06:43

Analysis Batch No.: 638407

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.7	
75	30.0 - 60.0 % of mass 95	47.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	83.2	
175	5.0 - 9.0 % of mass 174	5.9	(7.0) 1
176	95.0 - 101.0 % of mass 174	80.3	(96.6) 1
177	5.0 - 9.0 % of mass 176	5.7	(7.1) 2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-638407/3	U11660.D	09/11/2019	07:30
	LCS 460-638407/4	U11661.D	09/11/2019	08:03
	LCSD 460-638407/5	U11662.D	09/11/2019	08:28
	MB 460-638407/9	U11666.D	09/11/2019	10:11
K710-TB-09062019	460-190672-2	U11675.D	09/11/2019	13:57
K710-EB-09062019	460-190672-1	U11676.D	09/11/2019	14:23
K710-MW-1	460-190672-3	U11677.D	09/11/2019	14:48
K710-DUP-09062019	460-190672-4	U11678.D	09/11/2019	15:14
K710-MW-2	460-190672-5	U11679.D	09/11/2019	15:40

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Sample No.: CCVIS 460-638407/3 Date Analyzed: 09/11/2019 07:30

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): U11660.D Heated Purge: (Y/N) N

Calibration ID: 75958

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		376603	2.04	450112	2.85	744964	3.84
UPPER LIMIT		753206	2.54	900224	3.35	1489928	4.34
LOWER LIMIT		188302	1.54	225056	2.35	372482	3.34
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-638407/4		445410	2.04	513480	2.85	811171	3.84
LCSD 460-638407/5		426062	2.05	495820	2.85	814210	3.84
MB 460-638407/9		412834	2.05	476897	2.85	771431	3.84
460-190672-2	K710-TB-09062019	374839	2.04	453780	2.85	706254	3.84
460-190672-1	K710-EB-09062019	369424	2.04	445108	2.85	704672	3.84
460-190672-3	K710-MW-1	391885	2.04	468750	2.85	701666	3.84
460-190672-4	K710-DUP-09062019	347163	2.04	422191	2.85	651148	3.84
460-190672-5	K710-MW-2	373342	2.04	453240	2.85	700098	3.84

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

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Sample No.: CCVIS 460-638407/3 Date Analyzed: 09/11/2019 07:30

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): U11660.D Heated Purge: (Y/N) N

Calibration ID: 75958

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		50152	4.54	588130	7.43	356298	11.11
UPPER LIMIT		100304	5.04	1176260	7.93	712596	11.61
LOWER LIMIT		25076	4.04	294065	6.93	178149	10.61
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-638407/4		56314	4.54	638232	7.43	392138	11.10
LCSD 460-638407/5		54310	4.54	646900	7.43	391016	11.10
MB 460-638407/9		49906	4.54	615730	7.43	360759	11.10
460-190672-2	K710-TB-09062019	44273	4.53	556671	7.43	322244	11.10
460-190672-1	K710-EB-09062019	43861	4.54	554662	7.43	323240	11.11
460-190672-3	K710-MW-1	44823	4.54	555069	7.43	323506	11.10
460-190672-4	K710-DUP-09062019	40497	4.54	513058	7.43	297732	11.11
460-190672-5	K710-MW-2	42268	4.54	554578	7.43	319663	11.10

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Client Sample ID: K710-EB-09062019 Lab Sample ID: 460-190672-1

Matrix: Water Lab File ID: U11676.D

Analysis Method: 8260C Date Collected: 09/06/2019 09:45

Sample wt/vol: 5(mL) Date Analyzed: 09/11/2019 14:23

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 638407 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		74-132
460-00-4	4-Bromofluorobenzene	104		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11676.D
Lims ID: 460-190672-A-1
Client ID: K710-EB-09062019
Sample Type: Client
Inject. Date: 11-Sep-2019 14:23:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-190672-A-1
Misc. Info.: 460-0097383-019
Operator ID: Instrument ID: CVOAMS16

Method: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Sep-2019 19:00:41 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: asfawa Date: 12-Sep-2019 07:50:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.042	2.042	0.000	97	369424	1000.0	
* 42 2-Butanone-d5	46	2.847	2.847	0.000	0	445108	250.0	
$ 53 Dibromofluoromethane (Surr	113	3.250	3.250	0.000	97	206896	50.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.533	3.533	0.000	0	238274	55.7	
* 65 Fluorobenzene	96	3.843	3.838	0.005	98	704672	50.0	
* 73 1,4-Dioxane-d8	96	4.540	4.540	0.000	0	43861	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.542	5.536	0.006	99	741345	50.1	
* 94 Chlorobenzene-d5	117	7.431	7.431	0.000	87	554662	50.0	
$ 105 4-Bromofluorobenzene	174	9.232	9.232	0.000	93	250173	51.9	
* 120 1,4-Dichlorobenzene-d4	152	11.105	11.105	0.000	96	323240	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00201 Amount Added: 1.00 Units: uL Run Reagent

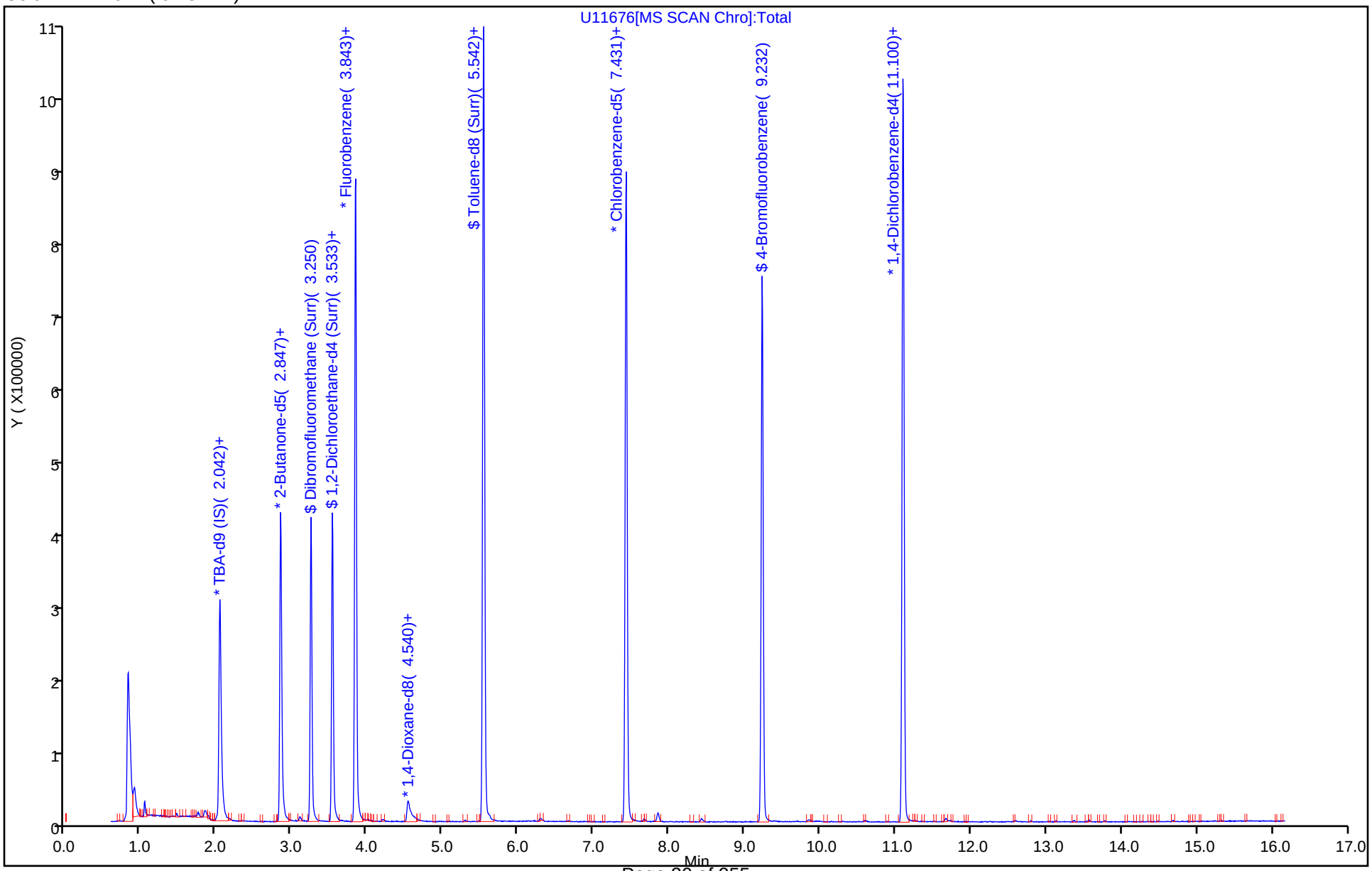
Report Date: 12-Sep-2019 07:50:38 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11676.D

Injection Date:	11-Sep-2019 14:23:30	Instrument ID:	CVOAMS16	Operator ID:	
Lims ID:	460-190672-A-1	Lab Sample ID:	460-190672-1	Worklist Smp#:	19
Client ID:	K710-EB-09062019				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Client Sample ID: K710-TB-09062019 Lab Sample ID: 460-190672-2

Matrix: Water Lab File ID: U11675.D

Analysis Method: 8260C Date Collected: 09/06/2019 00:00

Sample wt/vol: 5(mL) Date Analyzed: 09/11/2019 13:57

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 638407 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		74-132
460-00-4	4-Bromofluorobenzene	103		77-124
1868-53-7	Dibromofluoromethane (Surr)	101		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11675.D
Lims ID: 460-190672-A-2
Client ID: K710-TB-09062019
Sample Type: Client
Inject. Date: 11-Sep-2019 13:57:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-190672-A-2
Misc. Info.: 460-0097383-018
Operator ID: Instrument ID: CVOAMS16

Method: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Sep-2019 19:00:41 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: asfawa Date: 12-Sep-2019 07:50:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.041	2.042	-0.001	97	374839	1000.0	
* 42 2-Butanone-d5	46	2.847	2.847	0.000	0	453780	250.0	
$ 53 Dibromofluoromethane (Surr	113	3.250	3.250	0.000	97	208604	50.3	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.533	3.533	0.000	0	236363	55.1	
* 65 Fluorobenzene	96	3.843	3.838	0.005	98	706254	50.0	
* 73 1,4-Dioxane-d8	96	4.534	4.540	-0.006	0	44273	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.541	5.536	0.005	99	737887	49.7	
* 94 Chlorobenzene-d5	117	7.430	7.431	-0.001	87	556671	50.0	
$ 105 4-Bromofluorobenzene	174	9.237	9.232	0.005	94	249172	51.5	
* 120 1,4-Dichlorobenzene-d4	152	11.104	11.105	-0.001	96	322244	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00201 Amount Added: 1.00 Units: uL Run Reagent

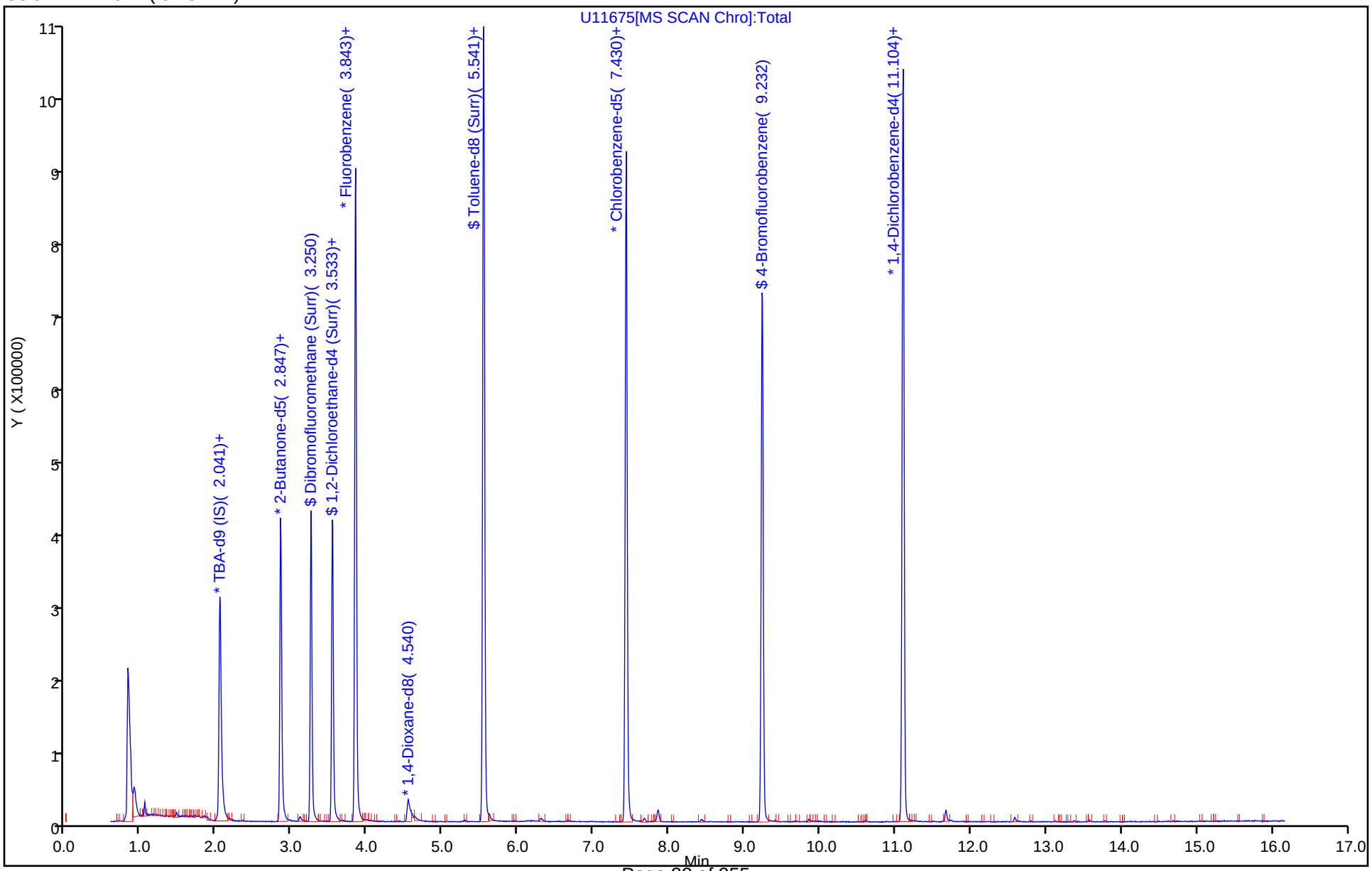
Report Date: 12-Sep-2019 07:50:23 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11675.D

Injection Date:	11-Sep-2019 13:57:30	Instrument ID:	CVOAMS16	Operator ID:	
Lims ID:	460-190672-A-2	Lab Sample ID:	460-190672-2	Worklist Smp#:	18
Client ID:	K710-TB-09062019				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Client Sample ID: K710-MW-1 Lab Sample ID: 460-190672-3

Matrix: Water Lab File ID: U11677.D

Analysis Method: 8260C Date Collected: 09/06/2019 10:20

Sample wt/vol: 5(mL) Date Analyzed: 09/11/2019 14:48

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 638407 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	0.95	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	0.84	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		74-132
460-00-4	4-Bromofluorobenzene	104		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11677.D
Lims ID: 460-190672-A-3
Client ID: K710-MW-1
Sample Type: Client
Inject. Date: 11-Sep-2019 14:48:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-190672-A-3
Misc. Info.: 460-0097383-020
Operator ID: Instrument ID: CVOAMS16

Method: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Sep-2019 19:00:41 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: yallabg Date: 11-Sep-2019 18:58:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.043	2.042	0.001	97	391885	1000.0	
* 42 2-Butanone-d5	46	2.849	2.847	0.002	0	468750	250.0	
$ 53 Dibromofluoromethane (Surr	113	3.252	3.250	0.002	96	206948	50.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.535	3.533	0.002	0	237755	55.8	
* 65 Fluorobenzene	96	3.840	3.838	0.002	98	701666	50.0	
67 Trichloroethene	95	4.193	4.192	0.001	96	4832	0.8421	
* 73 1,4-Dioxane-d8	96	4.542	4.540	0.002	0	44823	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.538	5.536	0.002	99	738093	49.9	
88 Tetrachloroethene	166	6.289	6.293	-0.004	97	5173	0.9549	
* 94 Chlorobenzene-d5	117	7.432	7.431	0.001	87	555069	50.0	
$ 105 4-Bromofluorobenzene	174	9.234	9.232	0.002	93	250733	52.0	
* 120 1,4-Dichlorobenzene-d4	152	11.101	11.105	-0.004	96	323506	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00201 Amount Added: 1.00 Units: uL Run Reagent

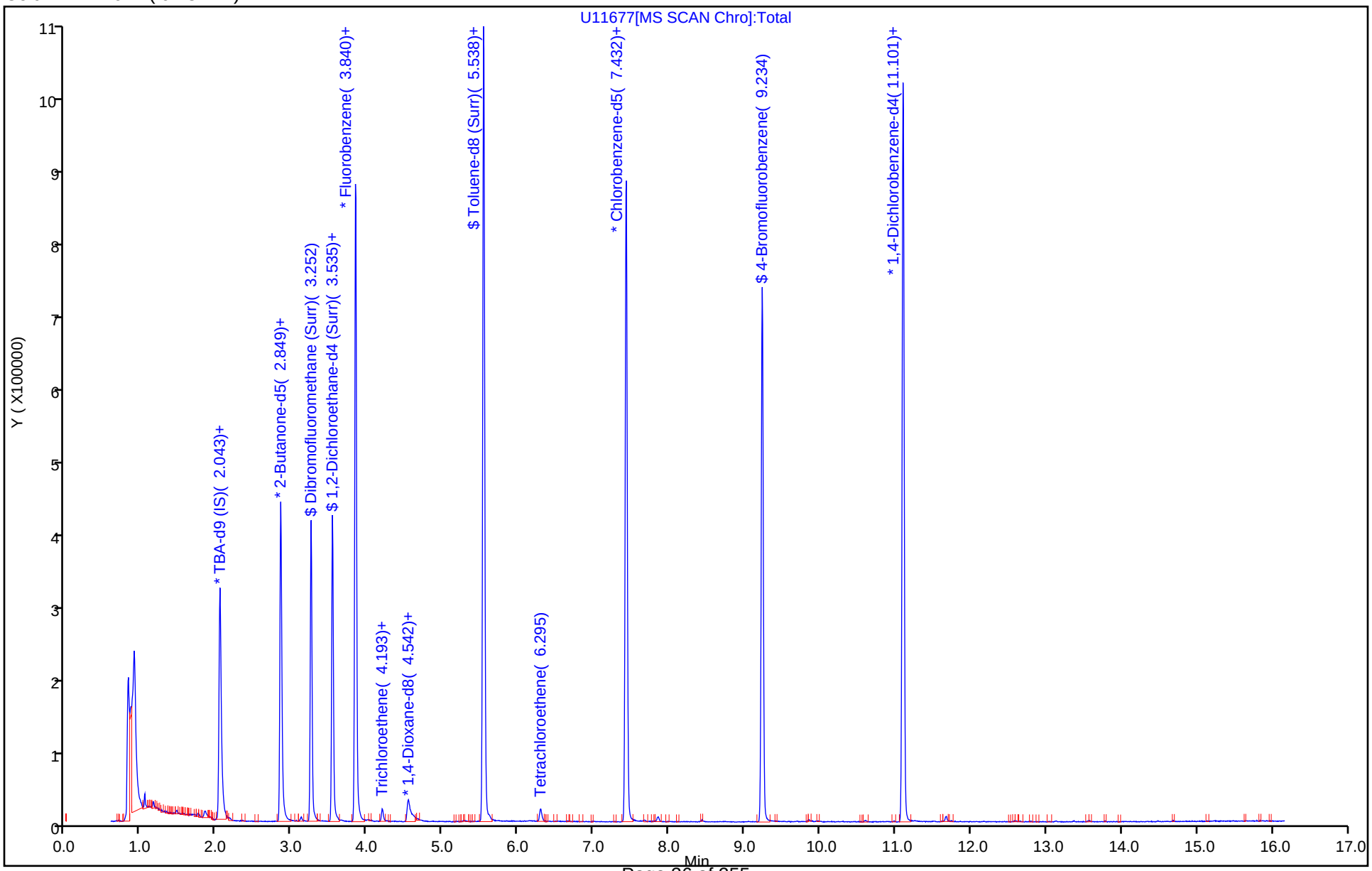
Report Date: 12-Sep-2019 07:51:03 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11677.D

Injection Date:	11-Sep-2019 14:48:30	Instrument ID:	CVOAMS16	Operator ID:	
Lims ID:	460-190672-A-3	Lab Sample ID:	460-190672-3	Worklist Smp#:	20
Client ID:	K710-MW-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)

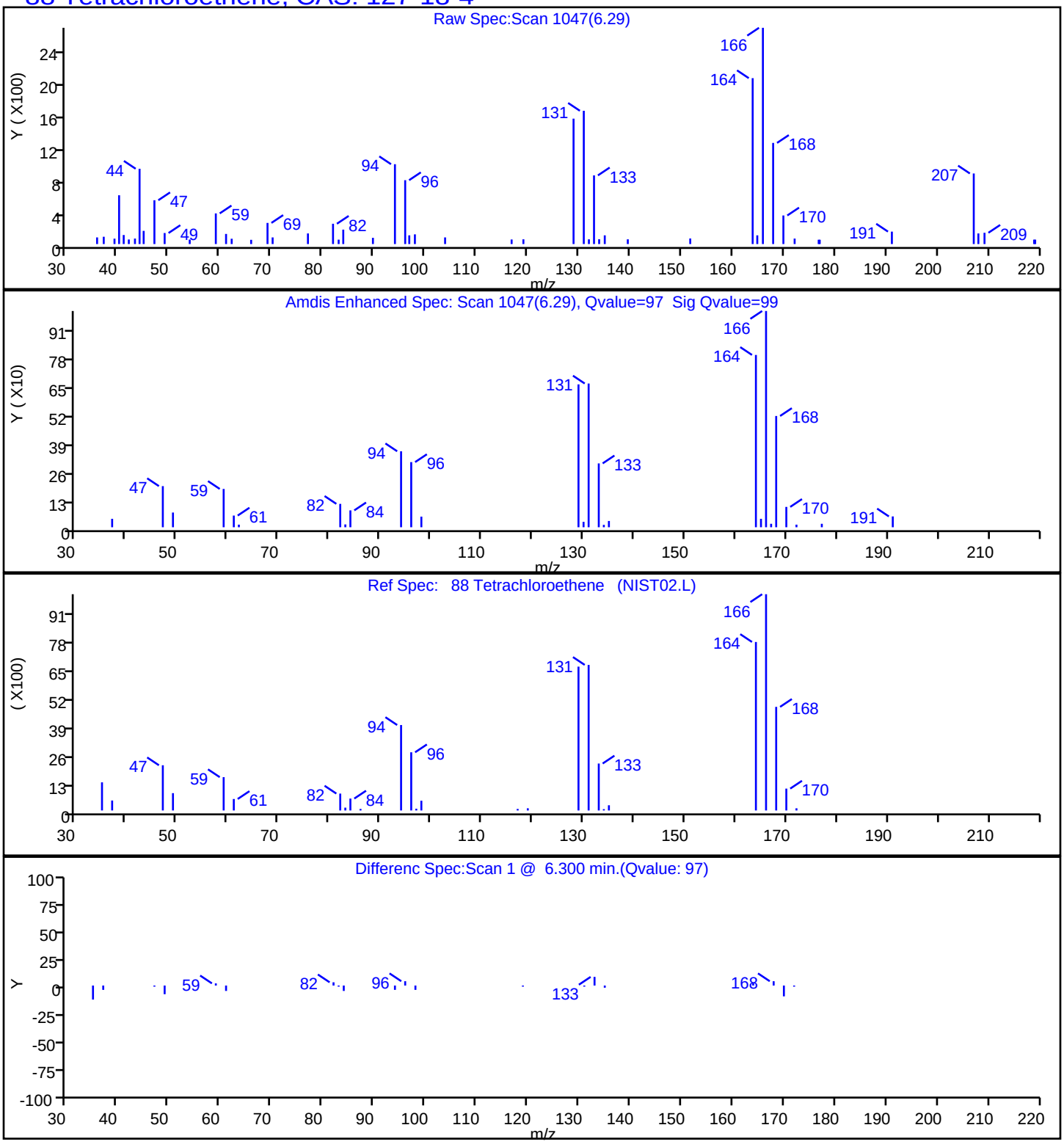


Report Date: 12-Sep-2019 07:51:03 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11677.D				
Injection Date:	11-Sep-2019 14:48:30	Instrument ID:	CVOAMS16		
Lims ID:	460-190672-A-3	Lab Sample ID:	460-190672-3		
Client ID:	K710-MW-1				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

88 Tetrachloroethene, CAS: 127-18-4



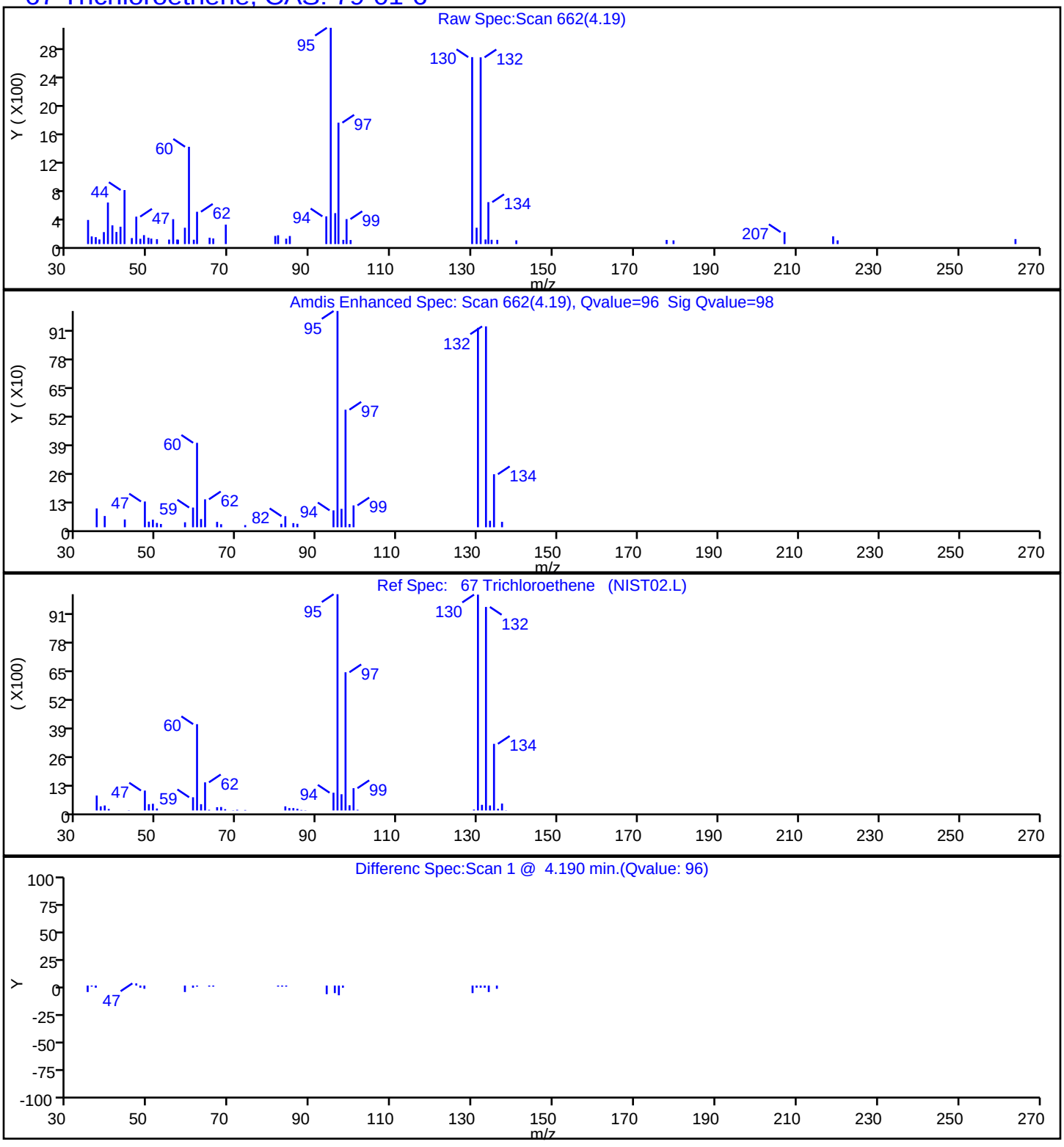
Report Date: 12-Sep-2019 07:51:03 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11677.D

Injection Date:	11-Sep-2019 14:48:30	Instrument ID:	CVOAMS16
Lims ID:	460-190672-A-3	Lab Sample ID:	460-190672-3
Client ID:	K710-MW-1		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

67 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Client Sample ID: K710-DUP-09062019 Lab Sample ID: 460-190672-4

Matrix: Water Lab File ID: U11678.D

Analysis Method: 8260C Date Collected: 09/06/2019 11:20

Sample wt/vol: 5(mL) Date Analyzed: 09/11/2019 15:14

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 638407 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	0.86	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		74-132
460-00-4	4-Bromofluorobenzene	109		77-124
1868-53-7	Dibromofluoromethane (Surr)	106		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11678.D
Lims ID: 460-190672-A-4
Client ID: K710-DUP-09062019
Sample Type: Client
Inject. Date: 11-Sep-2019 15:14:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-190672-A-4
Misc. Info.: 460-0097383-021
Operator ID: Instrument ID: CVOAMS16

Method: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Sep-2019 19:00:41 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: yallabg Date: 11-Sep-2019 18:58:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.041	2.042	-0.001	97	347163	1000.0	
* 42 2-Butanone-d5	46	2.847	2.847	0.000	0	422191	250.0	
$ 53 Dibromofluoromethane (Surr	113	3.250	3.250	0.000	97	203554	53.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.533	3.533	0.000	0	230849	58.4	
* 65 Fluorobenzene	96	3.843	3.838	0.005	98	651148	50.0	
67 Trichloroethene	95	4.197	4.192	0.005	96	4594	0.8628	
* 73 1,4-Dioxane-d8	96	4.540	4.540	0.000	0	40497	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.541	5.536	0.005	99	728582	53.3	
88 Tetrachloroethene	166	6.292	6.293	-0.001	91	5446	1.09	
* 94 Chlorobenzene-d5	117	7.430	7.431	-0.001	87	513058	50.0	
$ 105 4-Bromofluorobenzene	174	9.232	9.232	0.000	93	242695	54.4	
* 120 1,4-Dichlorobenzene-d4	152	11.105	11.105	-0.001	96	297732	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00201 Amount Added: 1.00 Units: uL Run Reagent

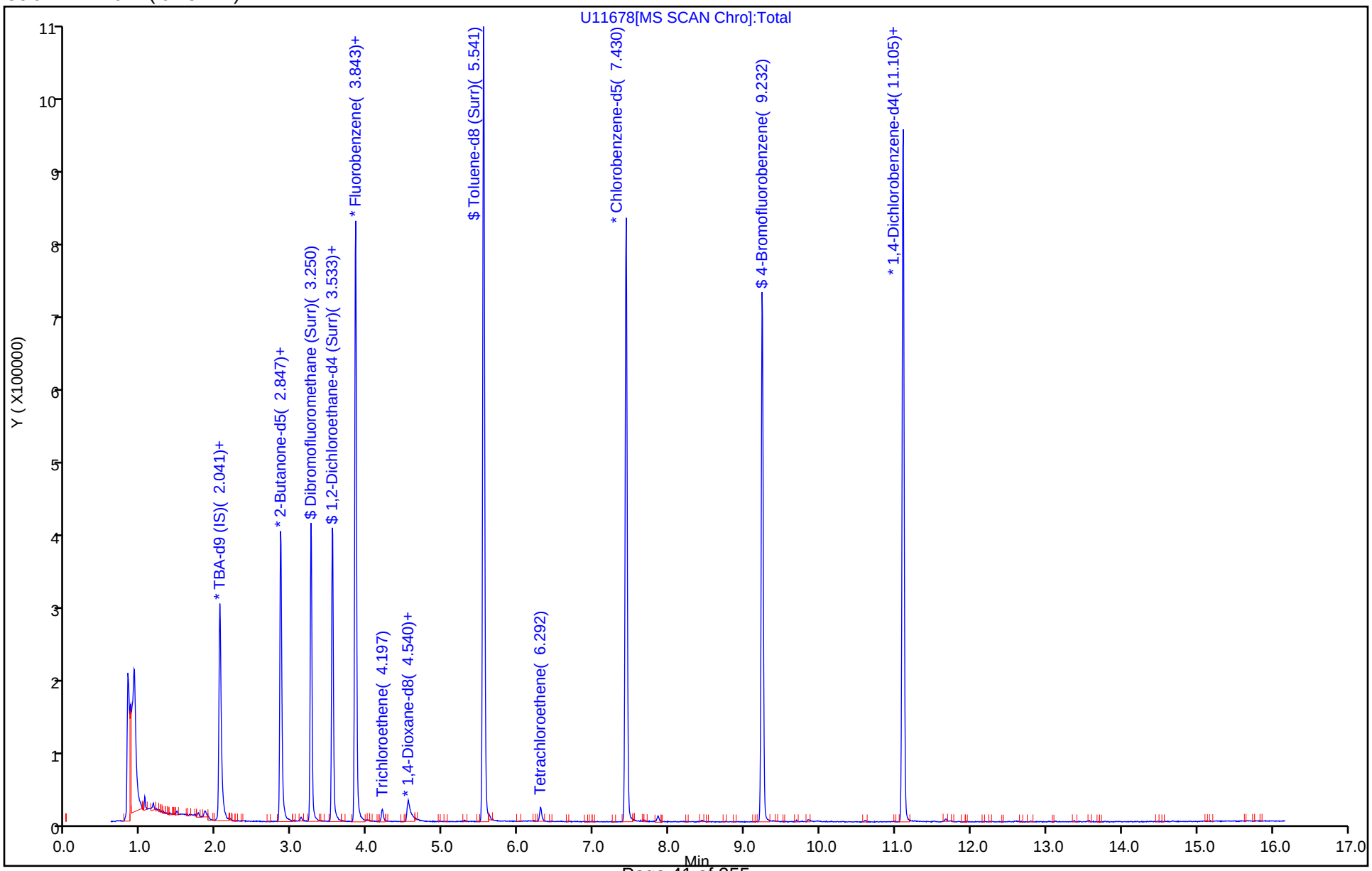
Report Date: 12-Sep-2019 07:51:18 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11678.D

Injection Date:	11-Sep-2019 15:14:30	Instrument ID:	CVOAMS16	Operator ID:	
Lims ID:	460-190672-A-4	Lab Sample ID:	460-190672-4	Worklist Smp#:	21
Client ID:	K710-DUP-09062019				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)

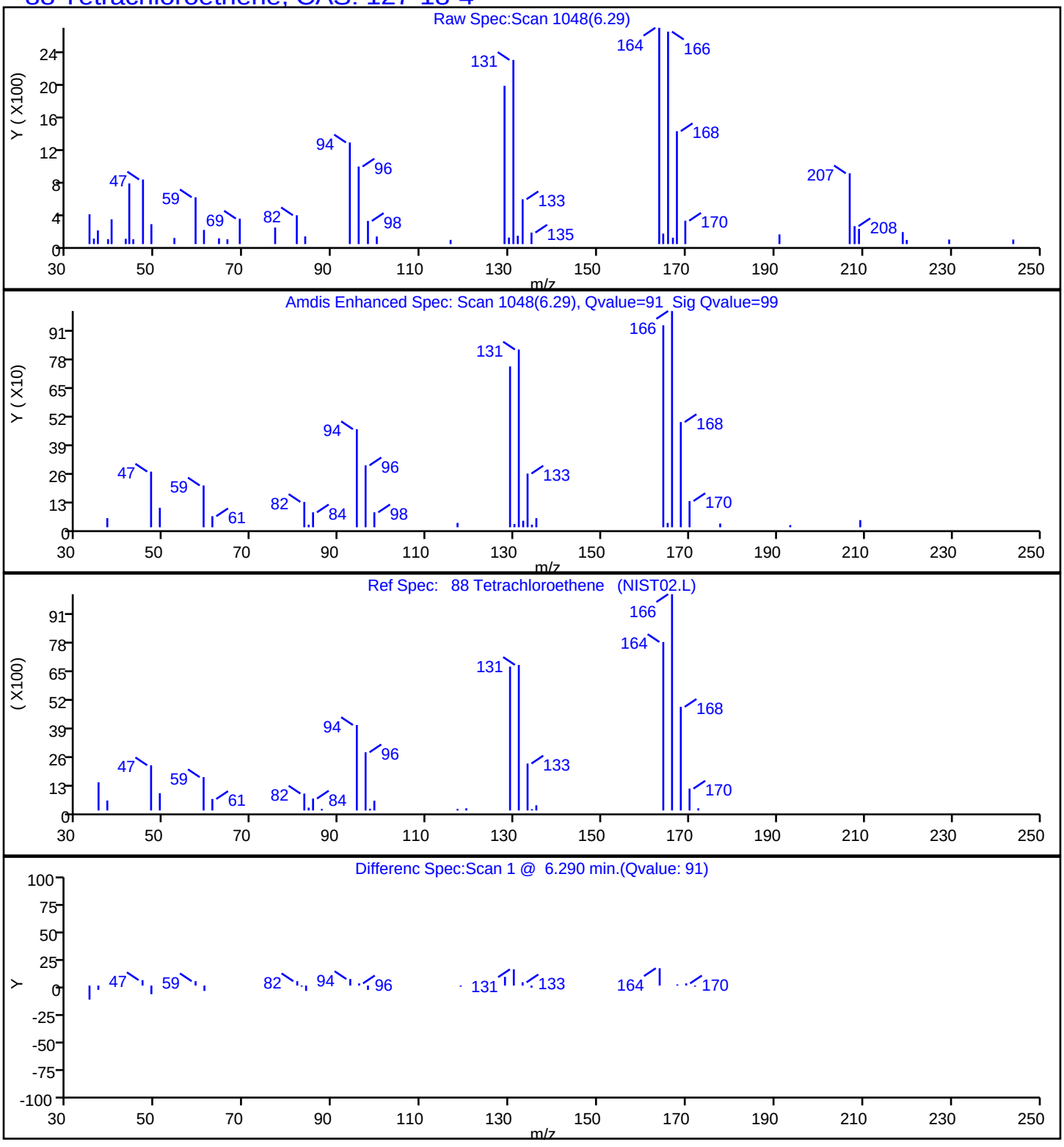


Report Date: 12-Sep-2019 07:51:18 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11678.D		
Injection Date:	11-Sep-2019 15:14:30	Instrument ID:	CVOAMS16
Lims ID:	460-190672-A-4	Lab Sample ID:	460-190672-4
Client ID:	K710-DUP-09062019		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

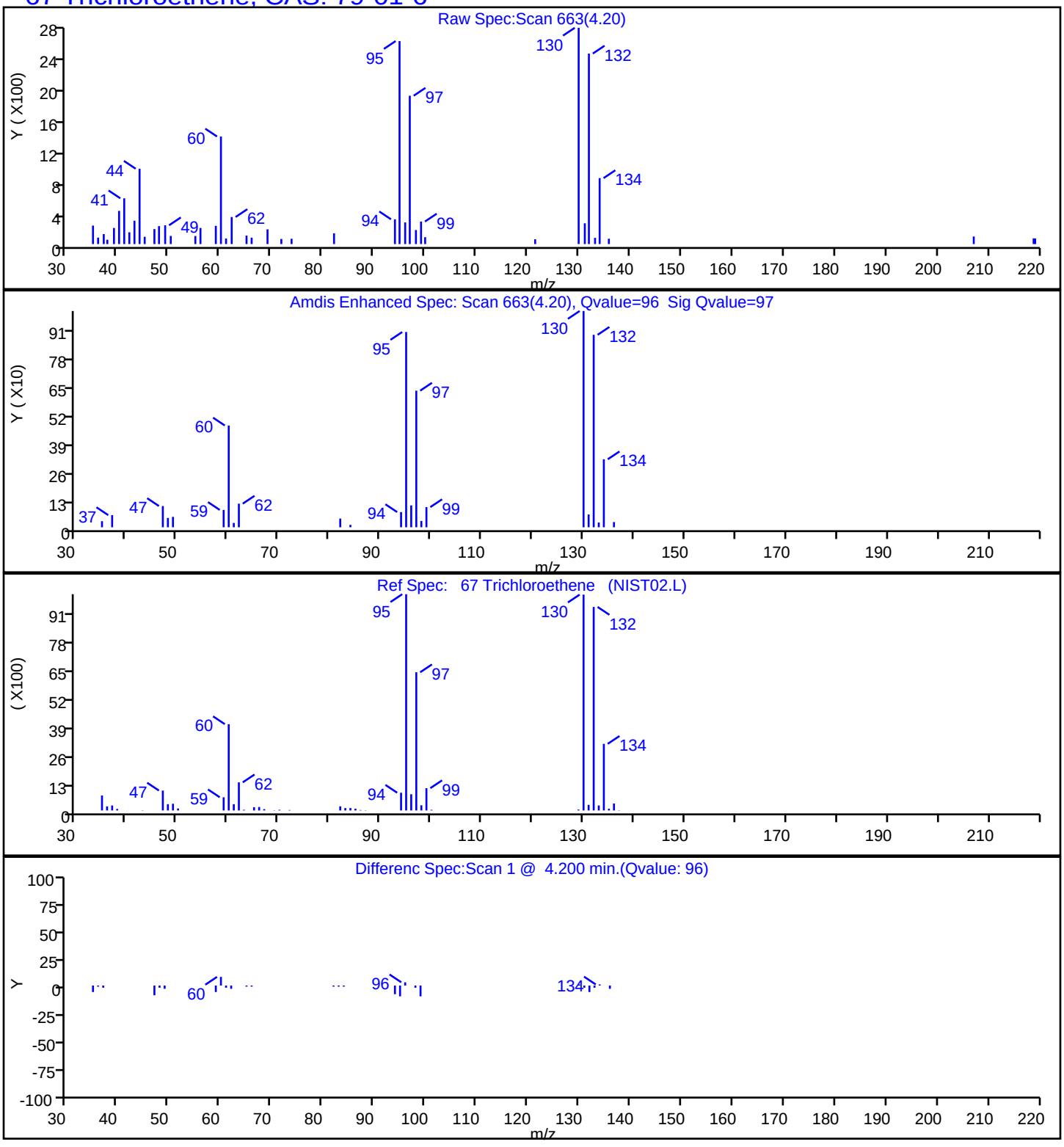


Report Date: 12-Sep-2019 07:51:18 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11678.D				
Injection Date:	11-Sep-2019 15:14:30	Instrument ID:	CVOAMS16		
Lims ID:	460-190672-A-4	Lab Sample ID:	460-190672-4		
Client ID:	K710-DUP-09062019				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

67 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Client Sample ID: K710-MW-2 Lab Sample ID: 460-190672-5

Matrix: Water Lab File ID: U11679.D

Analysis Method: 8260C Date Collected: 09/06/2019 12:20

Sample wt/vol: 5(mL) Date Analyzed: 09/11/2019 15:40

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 638407 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.7		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		74-132
460-00-4	4-Bromofluorobenzene	102		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11679.D
Lims ID: 460-190672-A-5
Client ID: K710-MW-2
Sample Type: Client
Inject. Date: 11-Sep-2019 15:40:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-190672-A-5
Misc. Info.: 460-0097383-022
Operator ID: Instrument ID: CVOAMS16

Method: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Sep-2019 19:00:41 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0316

First Level Reviewer: yallabg Date: 11-Sep-2019 18:58:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.044	2.042	0.002	97	373342	1000.0	
* 42 2-Butanone-d5	46	2.849	2.847	0.002	0	453240	250.0	
$ 53 Dibromofluoromethane (Surr	113	3.252	3.250	0.002	97	206698	50.2	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.535	3.533	0.002	0	233293	54.9	
* 65 Fluorobenzene	96	3.840	3.838	0.002	98	700098	50.0	
67 Trichloroethene	95	4.189	4.192	-0.003	98	9804	1.71	
* 73 1,4-Dioxane-d8	96	4.542	4.540	0.002	0	42268	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.539	5.536	0.003	99	732541	49.6	
88 Tetrachloroethene	166	6.295	6.293	0.002	95	5830	1.08	
* 94 Chlorobenzene-d5	117	7.433	7.431	0.002	87	554578	50.0	
$ 105 4-Bromofluorobenzene	174	9.235	9.232	0.003	93	245564	51.0	
* 120 1,4-Dichlorobenzene-d4	152	11.102	11.105	-0.003	96	319663	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00201 Amount Added: 1.00 Units: uL Run Reagent

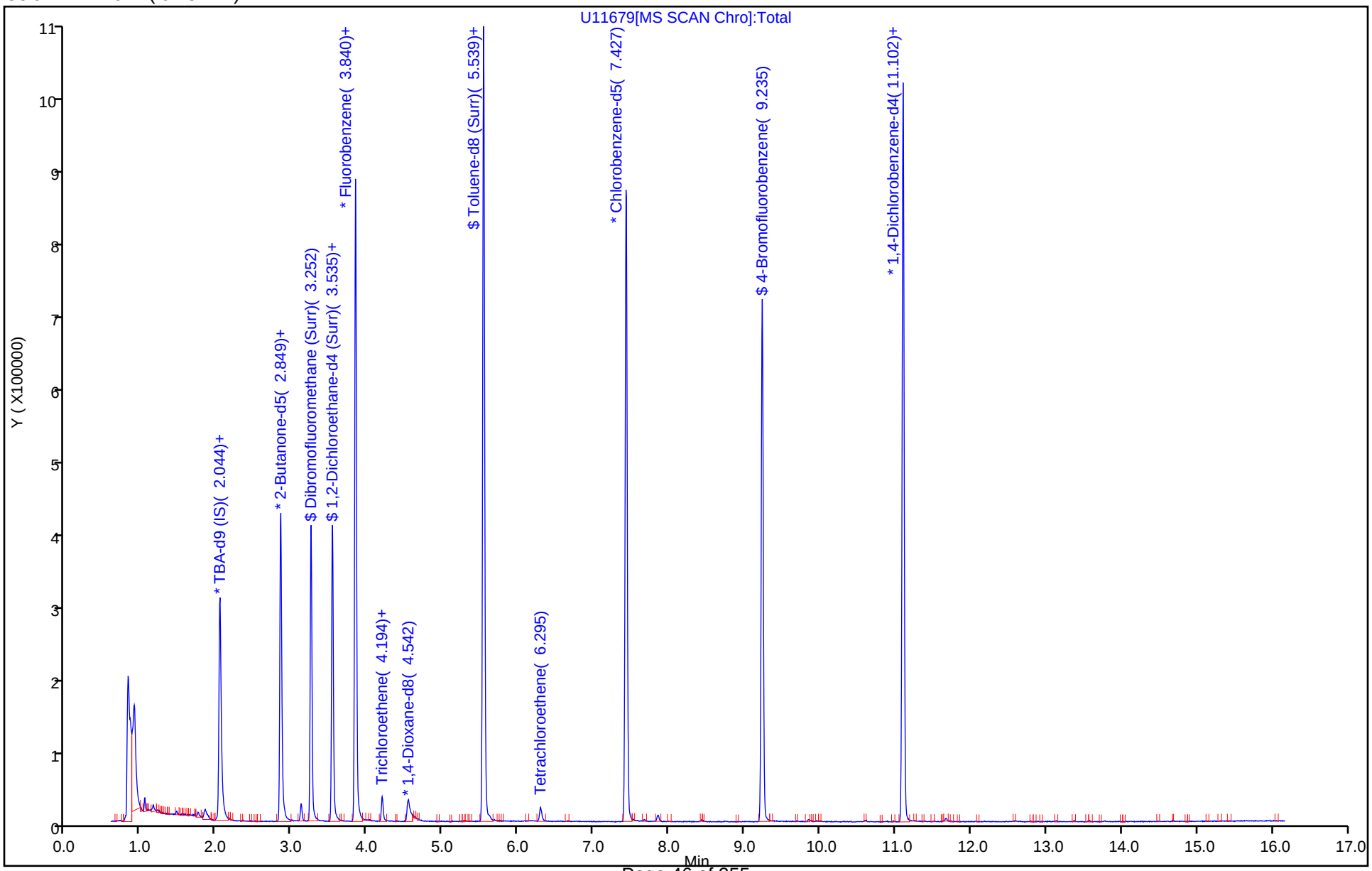
Report Date: 12-Sep-2019 07:51:31 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11679.D

Injection Date:	11-Sep-2019 15:40:30	Instrument ID:	CVOAMS16	Operator ID:	
Lims ID:	460-190672-A-5	Lab Sample ID:	460-190672-5	Worklist Smp#:	22
Client ID:	K710-MW-2				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)

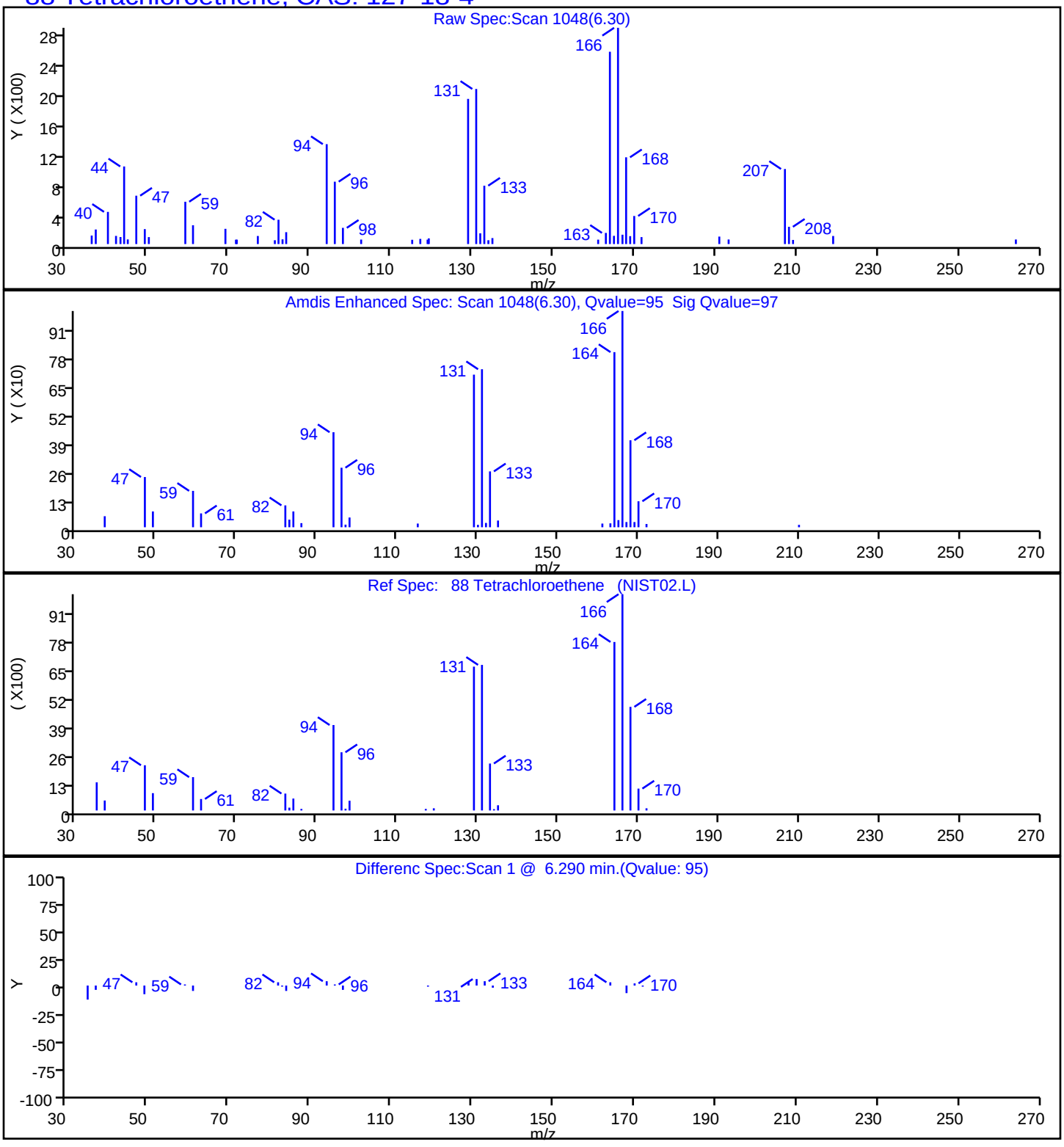


Report Date: 12-Sep-2019 07:51:31 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11679.D				
Injection Date:	11-Sep-2019 15:40:30	Instrument ID:	CVOAMS16		
Lims ID:	460-190672-A-5	Lab Sample ID:	460-190672-5		
Client ID:	K710-MW-2				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

88 Tetrachloroethene, CAS: 127-18-4



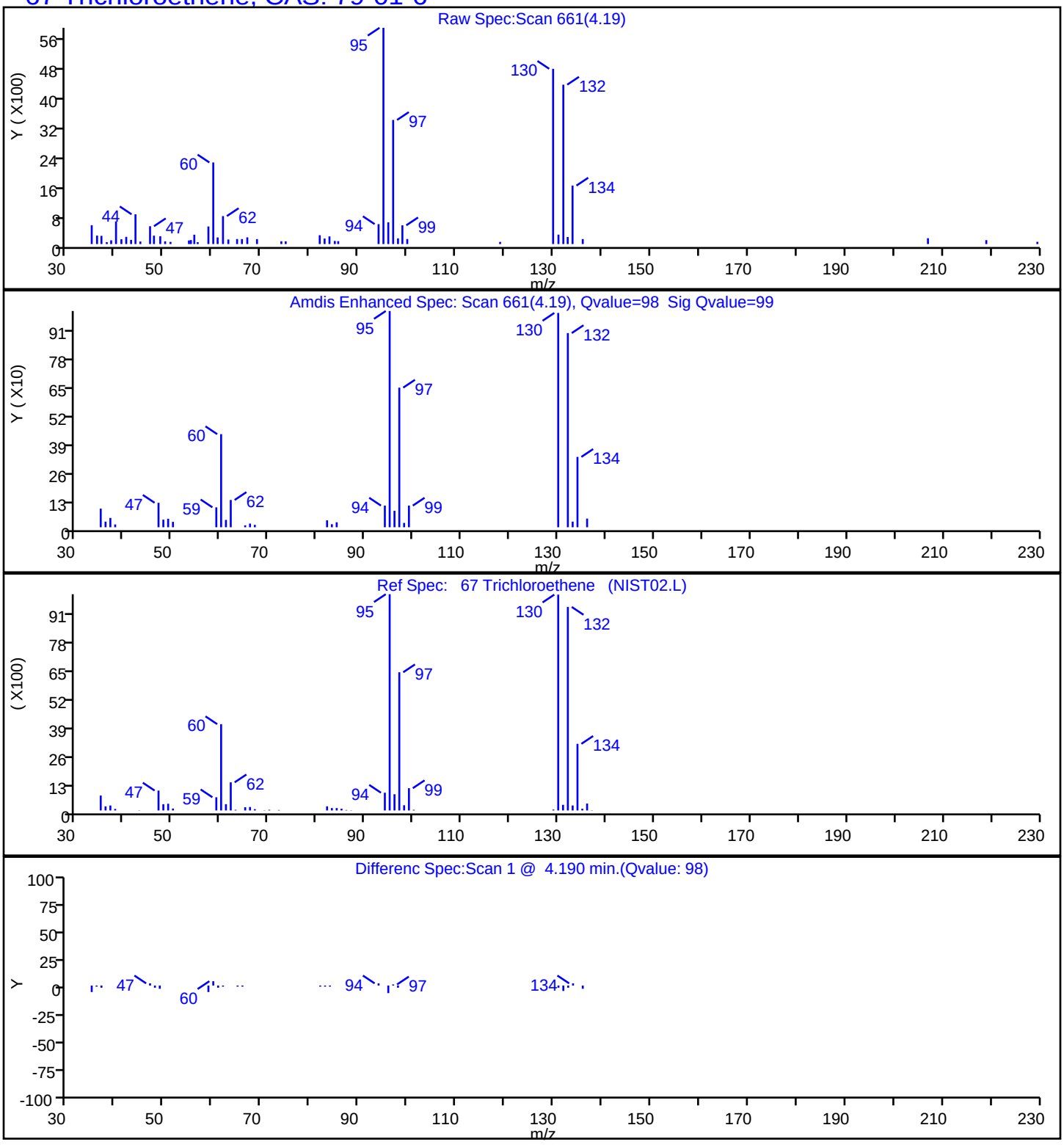
Report Date: 12-Sep-2019 07:51:31 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11679.D

Injection Date:	11-Sep-2019 15:40:30	Instrument ID:	CVOAMS16		
Lims ID:	460-190672-A-5	Lab Sample ID:	460-190672-5		
Client ID:	K710-MW-2				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

67 Trichloroethene, CAS: 79-01-6



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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-628277/4	U09962a.D
Level 2	STD1 460-628277/5	U09963a.D
Level 3	STD5 460-628277/6	U09964a.D
Level 4	STD20 460-628277/7	U09965a.D
Level 5	STD50 460-628277/8	U09966a.D
Level 6	STD200 460-628277/9	U09967a.D
Level 7	STD500 460-628277/10	U09968a.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 1.7074	0.7778 1.4999	0.8895	1.2098	1.3245	QuaF		1.7634	-0.000522						0.9990		0.9900
Monochloropentafluoroethane	+++++ 0.0035	+++++ 0.0036	0.0024	0.0038	0.0033	Ave		0.0033				16.0		20.0			
Dichlorodifluoromethane	+++++ 0.6461	0.5832 0.5665	0.6652	0.6741	0.6629	Ave		0.6330			0.1000	7.3		20.0			
1,1-Difluoroethane	+++++ 0.2852	0.2824 0.2521	0.2080	0.2528	0.2476	Ave		0.2547				11.0		20.0			
Chlorodifluoromethane	+++++ 0.0957	0.1146 0.0839	0.0873	0.0872	0.0839	Ave		0.0921				12.9		20.0			
Chloromethane	+++++ 0.3868	0.3874 0.3712	0.3593	0.3732	0.3539	Ave		0.3720			0.1000	3.7		20.0			
Vinyl chloride	+++++ 0.5206	0.5175 0.4702	0.4974	0.5141	0.5237	Ave		0.5073			0.1000	4.0		20.0			
Butadiene	0.5455 0.4540	0.4187 0.3972	0.4288	0.4112	0.4213	Ave		0.4395				11.3		20.0			
Bromomethane	+++++ 1.3496	1.0993 1.0856	1.1439	1.1553	0.9429	Ave		1.1294			0.1000	11.7		20.0			
Chloroethane	+++++ 0.2251	0.2808 +++++	0.2924	0.3303	0.1651	Lin	0.0548	0.2223			0.1000				0.9900		0.9900
Dichlorofluoromethane	+++++ 0.7292	0.7434 0.6159	0.7507	0.7782	0.7609	Ave		0.7297				8.0		20.0			
Trichlorofluoromethane	+++++ 0.6296	0.6175 0.5567	0.6069	0.6194	0.6058	Ave		0.6060			0.1000	4.2		20.0			
Pentane	+++++ 0.0650	0.0638 0.0566	0.0586	0.0609	0.0617	Ave		0.0611				5.1		20.0			
Ethanol	+++++ 0.0892	0.1415 +++++	0.1094	0.1021	0.1018	Ave		0.1088				18.1		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl ether	+++++ 0.3050	0.2758 0.2538	0.2815	0.2867	0.2836	Ave		0.2811				5.9		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3562	0.3386 0.3052	0.3449	0.3316	0.3125	Ave		0.3315				5.9		20.0			
2-Methyl-1,3-butadiene	+++++ 0.3147	0.2889 0.2631	0.2858	0.2938	0.2978	Ave		0.2907				5.8		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.5573	0.5796 0.5855	0.5534	0.5719	0.5309	Ave		0.5631				3.6		20.0			
Acrolein	+++++ 1.9835	1.7138 1.7593	1.0736	2.0369	2.1095	QuaF		2.1769	-0.001038						0.9990		0.9900
1,1-Dichloroethene	+++++ 0.3433	0.3749 0.3872	0.3396	0.3513	0.3478	Ave		0.3574			0.1000	5.4		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.3658	0.3479 0.3694	0.3599	0.3792	0.3827	Ave		0.3675			0.1000	3.5		20.0			
Acetone	+++++ 0.4138	0.4180 0.3709	0.3864	0.3831	0.3839	Ave		0.3927			0.0500	4.8		20.0			
Iodomethane	+++++ 0.1555	0.0353 0.1516	0.0323	0.0616	0.0968	QuaF		0.1474	0.0000090						0.9980		0.9900
Carbon disulfide	+++++ 1.1059	1.7285 1.0272	1.2354	1.1957	1.2022	Lin2	0.6118	1.1189			0.1000				0.9970		0.9900
Isopropyl alcohol	+++++ 0.9171	1.0530 0.9012	0.9633	0.9599	0.9400	Ave		0.9557				5.6		20.0			
Acetonitrile	+++++ 0.4032	0.5469 +++++	0.5110	0.5060	0.4334	Ave		0.4801				12.4		20.0			
Allyl chloride	+++++ 0.3417	0.2638 0.3405	0.2293	0.2526	0.2951	Ave		0.2872				16.3		20.0			
Methyl acetate	+++++ 2.7631	3.1768 2.6047	2.9351	3.0025	3.0775	Ave		2.9266			0.1000	7.2		20.0			
Cyclopentene	+++++ 0.8858	0.8915 0.7638	0.8840	0.8936	0.9153	Ave		0.8723				6.2		20.0			
Methylene Chloride	+++++ 0.4362	0.4592 0.4216	0.4459	0.4505	0.4466	Ave		0.4433			0.1000	2.9		20.0			
2-Methyl-2-propanol	+++++ 1.3672	1.9609 1.3406	1.5287	1.5129	1.4468	Ave		1.5262				14.8		20.0			
Acrylonitrile	0.1290 0.1328	0.1270 0.1154	0.1318	0.1332	0.1299	Ave		0.1284				4.8		20.0			
trans-1,2-Dichloroethene	+++++ 0.3884	0.4485 0.3794	0.4051	0.3995	0.3944	Ave		0.4026			0.1000	6.0		20.0			
Methyl tert-butyl ether	+++++ 1.0339	0.9748 0.8825	0.9851	1.0115	1.0028	Ave		0.9818			0.1000	5.4		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.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexane	+++++ 0.4185	0.4413 0.3978	0.4358	0.4484	0.4590	Ave		0.4335				5.1		20.0			
1,1-Dichloroethane	+++++ 0.5923	0.6798 0.6506	0.6562	0.6517	0.6413	Ave		0.6453			0.2000	4.5		20.0			
Vinyl acetate	+++++ 0.7402	0.6300 0.6160	0.6435	0.6692	0.6520	Ave		0.6585				6.7		20.0			
2-Chloro-1,3-butadiene	+++++ 0.3998	0.3663 0.3565	0.3573	0.3877	0.3882	Ave		0.3760				4.9		20.0			
Isopropyl ether	+++++ 1.1300	1.1196 0.9269	1.1466	1.1692	1.1314	Ave		1.1039				8.0		20.0			
Tert-butyl ethyl ether	+++++ 1.0363	0.9678 0.9193	0.9712	1.0026	0.9856	Ave		0.9805				4.0		20.0			
2,2-Dichloropropane	+++++ 0.1260	0.1206 0.1228	0.1304	0.1292	0.1267	Ave		0.1260				2.9		20.0			
cis-1,2-Dichloroethene	+++++ 0.4141	0.4450 0.4268	0.4438	0.4442	0.4323	Ave		0.4344			0.1000	2.9		20.0			
2-Butanone (MEK)	+++++ 0.4595	0.4473 0.4297	0.4578	0.4522	0.4470	Ave		0.4489			0.0500	2.4		20.0			
Ethyl acetate	+++++ 0.4305	0.4253 0.3933	0.4257	0.4204	0.4078	Ave		0.4172				3.4		20.0			
Propionitrile	+++++ 0.4290	0.4440 0.3919	0.4668	0.4650	0.4460	Ave		0.4405				6.3		20.0			
Methyl acrylate	+++++ 0.4147	0.3795 0.3933	0.3970	0.4028	0.3900	Ave		0.3962				3.0		20.0			
Chlorobromomethane	+++++ 0.2260	0.2179 0.2101	0.2162	0.2249	0.2248	Ave		0.2200				2.9		20.0			
Methacrylonitrile	+++++ 0.1559	0.1460 0.1339	0.1567	0.1601	0.1522	Ave		0.1508				6.3		20.0			
Tetrahydrofuran	+++++ 0.9881	1.1632 1.2421	1.0825	1.0295	1.0186	Ave		1.0873				9.0		20.0			
Chloroform	+++++ 0.6179	0.6761 0.5727	0.7045	0.6968	0.6637	Ave		0.6553			0.2000	7.7		20.0			
1,1,1-Trichloroethane	+++++ 0.5198	0.5885 0.4908	0.5795	0.5763	0.5618	Ave		0.5528			0.1000	7.0		20.0			
Cyclohexane	+++++ 0.5006	0.4671 0.4895	0.4933	0.5536	0.5479	Ave		0.5087			0.1000	6.8		20.0			
Carbon tetrachloride	+++++ 0.4674	0.4696 0.4389	0.4814	0.5013	0.4984	Ave		0.4762			0.1000	4.8		20.0			
1,1-Dichloropropene	+++++ 0.5022	0.5695 0.4804	0.5318	0.5397	0.5321	Ave		0.5259				5.9		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.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isobutyl alcohol	+++++ 0.1846	0.2160 0.1781	0.1977	0.1851	0.1942	Ave		0.1926				7.0		20.0			
Benzene	+++++ 1.6685	2.0064 1.4204	1.9636	1.9564	1.8598	Ave		1.8125			0.5000	12.5		20.0			
1,2-Dichloroethane	+++++ 0.4634	0.5519 0.4267	0.5113	0.5071	0.4852	Ave		0.4909			0.1000	8.8		20.0			
2,2,4-Trimethylpentane	+++++ 0.8582	0.8351 0.7561	0.8505	0.8831	0.8831	Ave		0.8444				5.6		20.0			
Isopropyl acetate	+++++ 0.1527	0.1320 0.1518	0.1371	0.1444	0.1395	Ave		0.1429				5.8		20.0			
Tert-amyl methyl ether	+++++ 0.3492	0.2881 0.3331	0.2968	0.3146	0.3120	Ave		0.3156				7.2		20.0			
n-Heptane	+++++ 0.3348	0.3965 0.3193	0.3515	0.3530	0.3599	Ave		0.3525				7.4		20.0			
Trichloroethene	+++++ 0.3808	0.4690 0.3684	0.4187	0.4172	0.3992	Ave		0.4089			0.2000	8.7		20.0			
n-Butanol	+++++ 0.4199	0.4052 0.3861	0.3876	0.4005	0.4148	Ave		0.4023				3.4		20.0			
Ethyl acrylate	+++++ 0.0608	0.0445 0.0616	0.0605	0.0591	0.0591	Ave		0.0576				11.3		20.0			
Methylcyclohexane	+++++ 0.5397	0.5542 0.5291	0.5690	0.5979	0.5935	Ave		0.5639			0.1000	5.0		20.0			
1,2-Dichloropropane	+++++ 0.3817	0.3860 0.3638	0.4008	0.4056	0.3941	Ave		0.3887			0.1000	3.9		20.0			
Dibromomethane	+++++ 0.2471	0.2680 0.2377	0.2629	0.2593	0.2504	Ave		0.2542				4.4		20.0			
Methyl methacrylate	+++++ 0.1100	0.0929 0.1052	0.1041	0.1057	0.1006	Ave		0.1031				5.6		20.0			
1,4-Dioxane	+++++ 1.4282	1.4512 1.0909	1.6382	1.6450	1.4881	Ave		1.4569				13.9		20.0			
n-Propyl acetate	+++++ 0.4763	0.4053 0.4175	0.4649	0.4686	0.4512	Ave		0.4473				6.5		20.0			
Dichlorobromomethane	+++++ 0.4971	0.5382 0.4638	0.5393	0.5275	0.5208	Ave		0.5145			0.2000	5.7		20.0			
2-Nitropropane	+++++ 0.0841	0.0977 0.0794	0.0815	0.0837	0.0787	Ave		0.0842				8.3		20.0			
2-Chloroethyl vinyl ether	+++++ 0.0466	0.0219 0.0856	0.0268	0.0231	0.0224	Qua2	0.0022	0.0206	0.0001290						0.9950		0.9900
Epichlorohydrin	0.2782 0.3191	0.2700 0.2957	0.2766	0.3000	0.3030	Ave		0.2918				6.0		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.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,3-Dichloropropene	+++++ 0.7364	0.8334 0.6737	0.8008	0.8301	0.7901	Ave		0.7774			0.2000	7.9		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.8833	2.9341 2.4663	3.1639	3.2052	3.0796	Ave		2.9554			0.0500	9.2		20.0			
Toluene	+++++ 1.7213	2.2198 1.4780	2.0977	2.0523	1.9426	Ave		1.9186			0.4000	14.3		20.0			
trans-1,3-Dichloropropene	+++++ 0.6925	0.7327 0.6423	0.7121	0.7227	0.6993	Ave		0.7003			0.1000	4.6		20.0			
Ethyl methacrylate	+++++ 0.5549	0.5624 0.5191	0.5527	0.5850	0.5632	Ave		0.5562				3.9		20.0			
1,1,2-Trichloroethane	+++++ 0.3542	0.3780 0.3441	0.3823	0.3886	0.3644	Ave		0.3686			0.1000	4.7		20.0			
Tetrachloroethene	+++++ 0.4461	0.5413 0.4294	0.5078	0.5071	0.4964	Ave		0.4880			0.2000	8.6		20.0			
1,3-Dichloropropane	+++++ 0.6772	0.7336 0.6206	0.7479	0.7519	0.7070	Ave		0.7064				7.1		20.0			
2-Hexanone	+++++ 2.1396	2.1291 1.8689	2.2576	2.2737	2.1757	Ave		2.1408			0.0500	6.8		20.0			
Chlorodibromomethane	+++++ 0.4994	0.4818 0.4738	0.5061	0.5227	0.5058	Ave		0.4983			0.1000	3.6		20.0			
n-Butyl acetate	+++++ 0.6139	0.6159 0.5620	0.5998	0.6324	0.5860	Ave		0.6017				4.1		20.0			
Ethylene Dibromide	+++++ 0.4451	0.4540 0.4177	0.4660	0.4756	0.4508	Ave		0.4516			0.1000	4.4		20.0			
Chlorobenzene	+++++ 1.2379	1.4826 1.1191	1.4364	1.4047	1.3378	Ave		1.3364			0.5000	10.2		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4716	0.4637 0.4505	0.4828	0.4948	0.4791	Ave		0.4738				3.3		20.0			
Ethylbenzene	+++++ 0.6799	0.7553 0.6491	0.7255	0.7274	0.7141	Ave		0.7086			0.1000	5.4		20.0			
m-Xylene & p-Xylene	+++++ 0.8422	0.9436 0.7948	0.9028	0.9118	0.8855	Ave		0.8801			0.1000	6.1		20.0			
o-Xylene	+++++ 0.8461	0.8690 0.7966	0.8812	0.8897	0.8760	Ave		0.8598			0.3000	4.0		20.0			
Styrene	+++++ 1.4143	1.4837 1.2521	1.4909	1.5411	1.4876	Ave		1.4449			0.3000	7.1		20.0			
n-Butyl acrylate	+++++ 0.3885	0.3168 0.3552	0.3457	0.3713	0.3531	Ave		0.3551				6.8		20.0			
Bromoform	+++++ 0.3483	0.2910 0.3258	0.3171	0.3304	0.3300	Ave		0.3238			0.1000	5.9		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.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Amyl acetate (mixed isomers)	+++++ 1.2529	1.1932 1.1579	1.1822	1.2610	1.1597	Ave		1.2011				3.8		20.0			
Isopropylbenzene	+++++ 1.9576	2.1837 1.7016	2.1784	2.2135	2.1390	Ave		2.0623			0.1000	9.7		20.0			
Bromobenzene	+++++ 0.9799	1.0961 0.9538	1.0339	1.0479	0.9882	Ave		1.0166				5.1		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.0044	1.0024 0.9524	1.0337	1.0264	0.9685	Ave		0.9980			0.3000	3.2		20.0			
1,2,3-Trichloropropane	+++++ 0.2719	0.2791 0.2694	0.2747	0.2669	0.2563	Ave		0.2697				2.9		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2572	0.2186 0.2683	0.2409	0.2436	0.2399	Ave		0.2447				6.9		20.0			
N-Propylbenzene	+++++ 4.0427	4.7140 3.7202	4.6207	4.6089	4.3802	Ave		4.3478				9.0		20.0			
2-Chlorotoluene	+++++ 2.5022	2.9663 2.3462	2.8102	2.7810	2.6490	Ave		2.6758				8.4		20.0			
4-Ethyltoluene	+++++ 3.6315	3.9265 3.1898	3.8509	3.8664	3.7133	Ave		3.6964				7.3		20.0			
4-Chlorotoluene	+++++ 2.7016	3.1712 2.0668	3.0245	2.9463	2.8066	Ave		2.7862				14.0		20.0			
1,3,5-Trimethylbenzene	+++++ 2.9286	3.1811 2.6723	3.2081	3.2167	3.1244	Ave		3.0552				7.1		20.0			
Butyl Methacrylate	+++++ 1.2448	0.9188 1.1394	1.0979	1.1906	1.1758	Ave		1.1279				10.1		20.0			
tert-Butylbenzene	+++++ 2.3924	2.5578 2.2338	2.5729	2.6495	2.5655	Ave		2.4953				6.1		20.0			
1,2,4-Trimethylbenzene	+++++ 3.0486	3.4594 2.7344	3.4009	3.4234	3.2999	Ave		3.2278				8.8		20.0			
sec-Butylbenzene	+++++ 3.4089	3.8076 3.0884	3.8177	3.8870	3.7936	Ave		3.6339				8.7		20.0			
1,3-Dichlorobenzene	+++++ 1.8035	2.1532 1.6773	2.0503	2.0083	1.9318	Ave		1.9374			0.6000	8.9		20.0			
1,4-Dichlorobenzene	+++++ 1.8483	2.2660 1.6955	2.0763	2.0669	1.9911	Ave		1.9907			0.5000	10.0		20.0			
4-Isopropyltoluene	+++++ 3.0142	3.3671 2.7235	3.3181	3.3930	3.3117	Ave		3.1879				8.3		20.0			
1,2,3-Trimethylbenzene	+++++ 3.2623	3.5651 2.7590	3.6130	3.5880	3.4520	Ave		3.3732				9.7		20.0			
Benzyl chloride	+++++ 0.4528	0.3469 0.4228	0.3793	0.4055	0.4095	Ave		0.4028				9.0		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.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Indan	+++++ 3.1506	3.6768 2.6073	3.5540	3.5824	3.3879	Ave		3.3265				12.0		20.0			
1,2-Dichlorobenzene	+++++ 1.7678	2.1563 1.6086	2.0294	2.0490	1.9425	Ave		1.9256			0.4000	10.5		20.0			
p-Diethylbenzene	+++++ 1.8012	1.8749 1.6107	1.8743	1.9238	1.8939	Ave		1.8298				6.3		20.0			
n-Butylbenzene	+++++ 1.6113	1.8417 1.4746	1.7651	1.7768	1.7670	Ave		1.7061				8.0		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1979	0.3319 0.1749	0.2273	0.2219	0.2041	Lin2	0.1360	0.1974			0.0500				0.9950		0.9900
1,2,4,5-Tetramethylbenzene	+++++ 2.9362	3.3391 2.3636	3.2864	3.4293	3.3224	Ave		3.1128				13.0		20.0			
1,3,5-Trichlorobenzene	+++++ 1.2538	1.6017 1.0989	1.4619	1.4300	1.3848	Ave		1.3718				12.7		20.0			
1,2,4-Trichlorobenzene	+++++ 1.1338	1.5160 1.0266	1.3683	1.3519	1.2902	Ave		1.2811			0.2000	13.7		20.0			
Hexachlorobutadiene	+++++ 0.3864	0.4977 0.3728	0.4626	0.4503	0.4476	Ave		0.4362				10.9		20.0			
Naphthalene	+++++ 2.7428	3.9260 2.2205	3.4912	3.4996	3.1968	Ave		3.1795				19.2		20.0			
1,2,3-Trichlorobenzene	+++++ 1.0610	1.3388 0.9668	1.2465	1.2742	1.1968	Ave		1.1807				11.9		20.0			
Dibromofluoromethane (Surr)	0.2920 0.2941	0.2933 0.3002	0.2936	0.2871	0.2964	Ave		0.2938				1.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3076 0.2987	0.3082 0.3021	0.3070	0.3000	0.3014	Ave		0.3036				1.3		20.0			
Toluene-d8 (Surr)	1.3499 1.3089	1.3430 1.2936	1.3516	1.3355	1.3474	Ave		1.3328				1.7		20.0			
4-Bromofluorobenzene	0.4335 0.4485	0.4301 0.4294	0.4299	0.4292	0.4407	Ave		0.4345				1.7		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.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-628277/4	U09962a.D
Level 2	STD1 460-628277/5	U09963a.D
Level 3	STD5 460-628277/6	U09964a.D
Level 4	STD20 460-628277/7	U09965a.D
Level 5	STD50 460-628277/8	U09966a.D
Level 6	STD200 460-628277/9	U09967a.D
Level 7	STD500 460-628277/10	U09968a.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	BUT	QuaF	+++++ 394999	779 1001304	4503	24673	66726	+++++ 200	1.00 500	5.00	20.0	50.0
Monochloropentafluoroethane	FB	Ave	+++++ 8195	+++++ 23525	132	827	1784	+++++ 200	+++++ 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 1528952	6344 3679492	35920	145644	361047	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Difluoroethane	FB	Ave	+++++ 674797	3072 1637428	11230	54620	134857	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 226499	1247 544606	4714	18831	45680	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 915294	4214 2411022	19402	80627	192759	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 1231972	5630 3053587	26860	111070	285278	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	1463 1074231	4555 2579638	23156	88835	229488	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	BUT	Ave	+++++ 312230	1101 724728	5791	23562	47504	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Lin	+++++ 532729	3055 +++++	15787	71360	89934	+++++ 200	1.00 +++++	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1725471	8087 4000155	40535	168139	414449	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1489829	6718 3615441	32769	133830	329998	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 307412	1388 735853	6330	26305	67167	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	+++++ 211595	1331 +++++	5539	20529	49757	+++++ 8000	40.0 +++++	200	800	2000
Ethyl ether	FB	Ave	+++++ 721633	3000 1648086	15202	61935	154494	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 842848	3684 1982145	18623	71640	170196	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 744699	3143 1708955	15433	63470	162218	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 1318602	6305 3802911	29880	123567	289191	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	QuaF	+++++ 117626	1612 243874	5437	20483	51575	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 812379	4078 2515007	18338	75903	189442	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 865544	3785 2398997	19433	81934	208433	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 478700	2093 1237999	9782	39067	96706	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	QuaF	+++++ 367938	384 984406	1743	13302	52741	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Lin2	+++++ 2616861	18804 6671722	66709	258339	654830	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 543868	2476 1561562	12196	48262	114909	+++++ 2000	10.0 5000	50.0	200	500
Acetonitrile	TBAd9	Ave	+++++ 239090	1286 +++++	6470	25443	52979	+++++ 2000	10.0 +++++	50.0	200	500
Allyl chloride	FB	Ave	+++++ 808442	2870 2211333	12384	54574	160739	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 327712	1494 902637	7432	30193	75243	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 2096001	9699 4960850	47735	193080	498532	+++++ 200	1.00 500	5.00	20.0	50.0
Methylene Chloride	FB	Ave	+++++ 1032270	4996 2737930	24075	97331	243268	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 810739	4611 2322898	19354	76069	176865	+++++ 2000	10.0 5000	50.0	200	500
Acrylonitrile	FB	Ave	2768 3141771	13811 7491989	71168	287798	707582	2.00 2000	10.0 5000	50.0	200	500
trans-1,2-Dichloroethene	FB	Ave	+++++ 919146	4879 2464215	21876	86319	214823	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 2446406	10605 5732021	53190	218547	546203	+++++ 200	1.00 500	5.00	20.0	50.0
Hexane	FB	Ave	+++++ 990359	4801 2583563	23533	96883	249993	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1401427	7395 4225844	35433	140804	349320	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Vinyl acetate	BUT	Ave	+++++ 342497	1262 822486	6515	27296	65693	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 946065	3985 2315709	19295	83775	211435	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 2673771	12180 6019980	61914	252609	616275	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 2452230	10528 5970552	52441	216617	536841	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 298102	1312 797887	7041	27907	69025	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 979905	4841 2772155	23966	95979	235444	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 531511	2240 1434382	11589	46106	112585	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 199207	852 525186	4310	17146	41088	+++++ 400	2.00 1000	10.0	40.0	100
Propionitrile	TBAd9	Ave	+++++ 254431	1044 679024	5910	23379	54525	+++++ 2000	10.0 5000	50.0	200	500
Methyl acrylate	FB	Ave	+++++ 981307	4128 2554654	21437	87022	212439	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobromomethane	FB	Ave	+++++ 534693	2370 1364428	11674	48598	122430	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 3689853	15881 8699834	84614	345966	829152	+++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	BUT	Ave	+++++ 457197	2330 1658388	10960	41993	102629	+++++ 400	2.00 1000	10.0	40.0	100
Chloroform	FB	Ave	+++++ 1462193	7355 3719686	38041	150552	361514	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1230062	6402 3187977	31290	124522	305993	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1184614	5082 3179407	26638	119618	298416	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 1105940	5109 2850787	25994	108308	271465	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 1188255	6195 3120133	28714	116613	289837	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 273720	1270 771411	6256	23265	59346	+++++ 5000	25.0 12500	125	500	1250
Benzene	CBNZ d5	Ave	+++++ 3358689	17628 7975517	86380	343702	835260	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 1096467	6004 2771427	27611	109562	264261	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,2,4-Trimethylpentane	FB	Ave	+++++ 2030729	9085 4911053	45926	190796	480991	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 361323	1436 985962	7404	31207	75976	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 826321	3134 2163727	16025	67963	169930	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 792331	4313 2073775	18981	76258	196055	+++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	+++++ 901006	5102 2392413	22610	90131	217445	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 622553	2382 1672515	12267	50341	126758	+++++ 5000	25.0 12500	125	500	1250
Ethyl acrylate	FB	Ave	+++++ 143958	484 400011	3268	12771	32210	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1277152	6029 3436509	30724	129186	323280	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 903155	4199 2362936	21641	87638	214663	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 584789	2915 1543854	14195	56014	136376	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 520691	2022 1366326	11240	45675	109597	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 240992	2435 639307	5689	22578	52912	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 1127104	4409 2711940	25102	101251	245746	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 1176260	5855 3012645	29122	113965	283689	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 398238	2126 1031295	8800	36180	85707	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Qua2	+++++ 110506	239 557076	1451	5007	12252	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	1353 1476530	5408 3948003	28006	122368	305322	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1482279	7322 3782787	35228	145832	354855	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 3335278	14693 8232352	80086	326832	775729	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 3464930	19503 8298717	92276	360548	872444	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1393875	6437 3606635	31323	126971	314065	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl methacrylate	CBNZ d5	Ave	+++++ 1116925	4941 2914477	24315	102774	252963	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 713083	3321 1932256	16817	68273	163675	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 898080	4756 2410729	22337	89082	222931	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 1363081	6445 3484604	32902	132088	317519	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 2475044	10662 6238200	57145	231848	548048	+++++ 1000	5.00 2500	25.0	100	250
Chlorodibromomethane	CBNZ d5	Ave	+++++ 1005211	4233 2660183	22264	91826	227175	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Ave	+++++ 1235822	5411 3155751	26384	111099	263199	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 896042	3989 2345478	20500	83553	202473	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 2491750	13026 6283551	63187	246774	600836	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 949390	4074 2529381	21240	86921	215181	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 1368618	6636 3644396	31916	127796	320700	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1695232	8290 4462548	39716	160193	397698	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1703229	7635 4472747	38763	156297	393412	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 2846910	13035 7030220	65585	270754	668102	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 782114	2783 1994177	15206	65239	158597	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 701193	2557 1829514	13951	58048	148212	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 1499364	6140 3615576	30658	131601	313236	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 3940568	19185 9553892	95827	388866	960674	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 1172644	5640 2978458	26814	109358	266906	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 1202010	5158 2973904	26809	107121	261602	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 325439	1436 841125	7123	27856	69224	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 307807	1125 837686	6247	25421	64790	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 4838088	24257 11616811	119834	480991	1183088	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 2994514	15264 7326190	72881	290232	715497	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 4345979	20205 9960682	99869	403507	1002938	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 3233184	16318 6453680	78438	307477	758048	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 3504808	16369 8344534	83200	335702	843883	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 1489717	4728 3558026	28472	124257	317579	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 2863105	13162 6975306	66726	276508	692946	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 3648467	17801 8538599	88198	357266	891290	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 4079585	19593 9643847	99009	405650	1024652	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 2158291	11080 5237661	53173	209585	521772	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 2211914	11660 5294349	53847	215699	537785	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 3607275	17326 8504398	86053	354100	894471	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 3904137	18345 8615340	93699	374445	932372	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 541904	1785 1320253	9838	42319	110610	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 3770500	18920 8141752	92171	373859	915053	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 2115605	11096 5023074	52630	213840	524671	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 2155614	9648 5029648	48609	200774	511540	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 1928357	9477 4604499	45777	185426	477274	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Lin2	+++++ 236842	1708 546077	5895	23157	55121	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 3513883	17182 7380573	85231	357889	897381	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1 Analy Batch No.: 628277

SDG No.:

Instrument ID: CVOAMS16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2019 12:49 Calibration End Date: 07/30/2019 15:18 Calibration ID: 75958

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 1500455	8242 3431295	37913	149235	374022	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 1356935	7801 3205663	35486	141091	348473	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 462392	2561 1164155	11997	46999	120900	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 3282449	20202 6933648	90541	365219	863439	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 1269792	6889 3018849	32326	132977	323265	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	156617 173987	159525 194945	158551	155093	161434	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	164988 176702	167621 196191	165761	162034	164182	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	588148 658710	589967 726320	594545	586563	605165	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	188884 225691	188950 241101	189128	188515	197907	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 30-Jul-2019 12:49:30 ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0095201-004
Operator ID: Instrument ID: CVOAMS16
Sublist: chrom-8260W_16*sub6

Method: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2019 11:28:34 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0324

First Level Reviewer: pakanatir Date: 30-Jul-2019 17:13:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.088	1.089	-0.001	96	1463	0.2500	0.3103	
* 31 TBA-d9 (IS)	65	2.035	2.041	-0.006	99	232693	1000.0	1000.0	
33 Acrylonitrile	53	2.155	2.156	-0.001	93	2768	2.00	2.01	
* 42 2-Butanone-d5	46	2.846	2.847	-0.001	0	243178	250.0	250.0	a
$ 53 Dibromofluoromethane (Surr	113	3.249	3.250	-0.001	96	156617	50.0	49.7	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.532	3.533	-0.001	0	164988	50.0	50.7	
* 65 Fluorobenzene	96	3.842	3.843	-0.001	99	536430	50.0	50.0	
* 73 1,4-Dioxane-d8	96	4.534	4.540	-0.006	0	32991	1000.0	1000.0	
80 Epichlorohydrin	57	5.154	5.144	0.010	98	1353	5.00	4.77	
$ 83 Toluene-d8 (Surr)	98	5.541	5.541	0.000	100	588148	50.0	50.6	
* 94 Chlorobenzene-d5	117	7.429	7.430	-0.001	86	435704	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.237	9.237	0.000	96	188884	50.0	49.9	
* 120 1,4-Dichlorobenzene-d4	152	11.104	11.105	-0.001	96	254335	50.0	50.0	

QC Flag Legend

Review Flags
a - User Assigned ID

Reagents:

GASES Li_00325	Amount Added:	2.50	Units: uL	
ACRY/EPIH MIX_00063	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00102	Amount Added:	0.00	Units: uL	
ACROLEIN W_00093	Amount Added:	0.00	Units: uL	
524freon_00008	Amount Added:	0.00	Units: uL	
8FreonHi_00006	Amount Added:	0.00	Units: uL	
Ethanol mix_00031	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00085	Amount Added:	0.00	Units: uL	
MIX I Hi_00110	Amount Added:	0.00	Units: uL	
GAS Hi_00316	Amount Added:	0.00	Units: uL	
14DIOXINTER_00103	Amount Added:	0.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00199	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2019 11:28:37 Chrom Revision: 2.3 15-Jul-2019 06:58:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D

Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16 Operator ID:

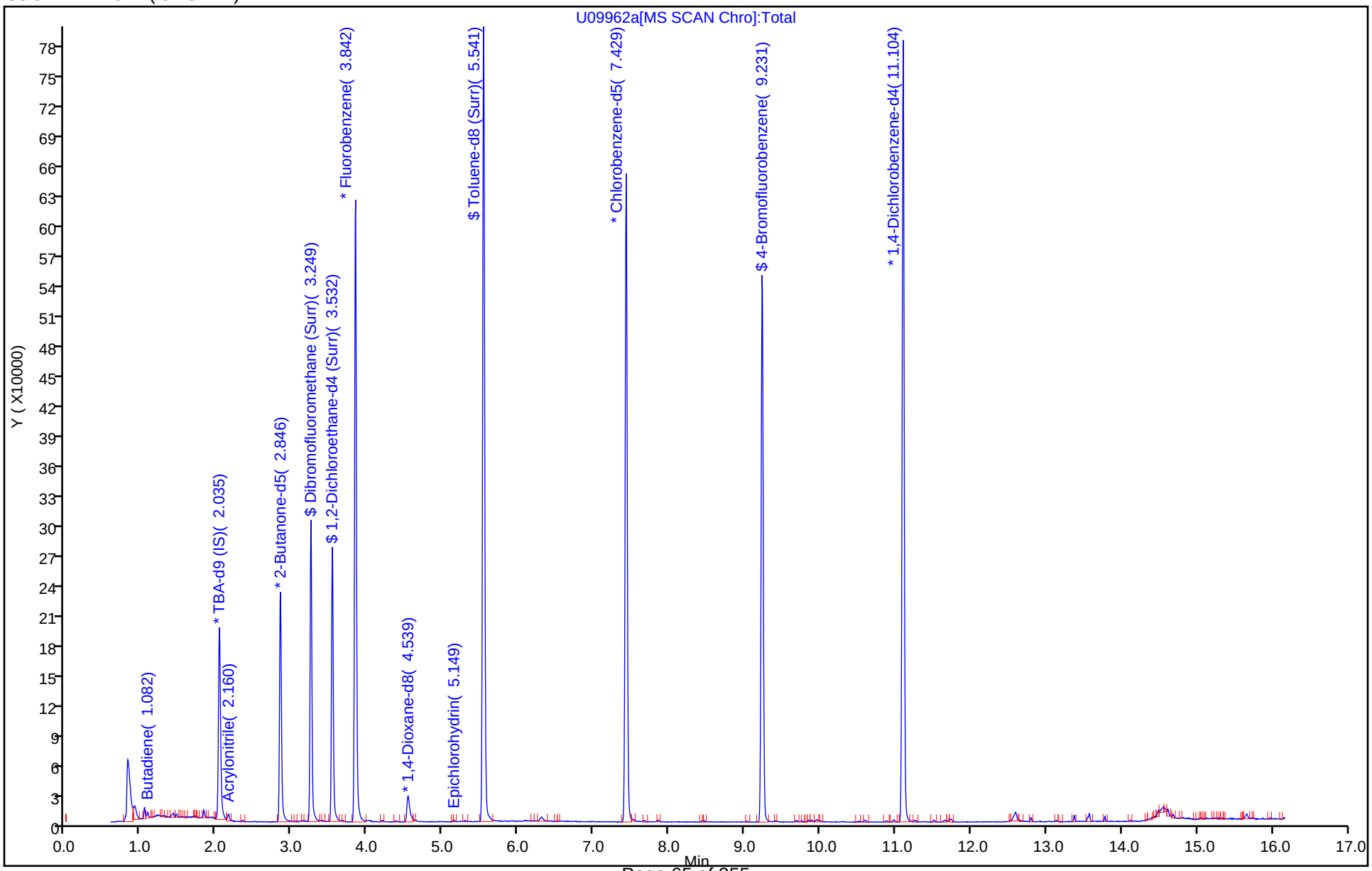
Lims ID: STD7 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

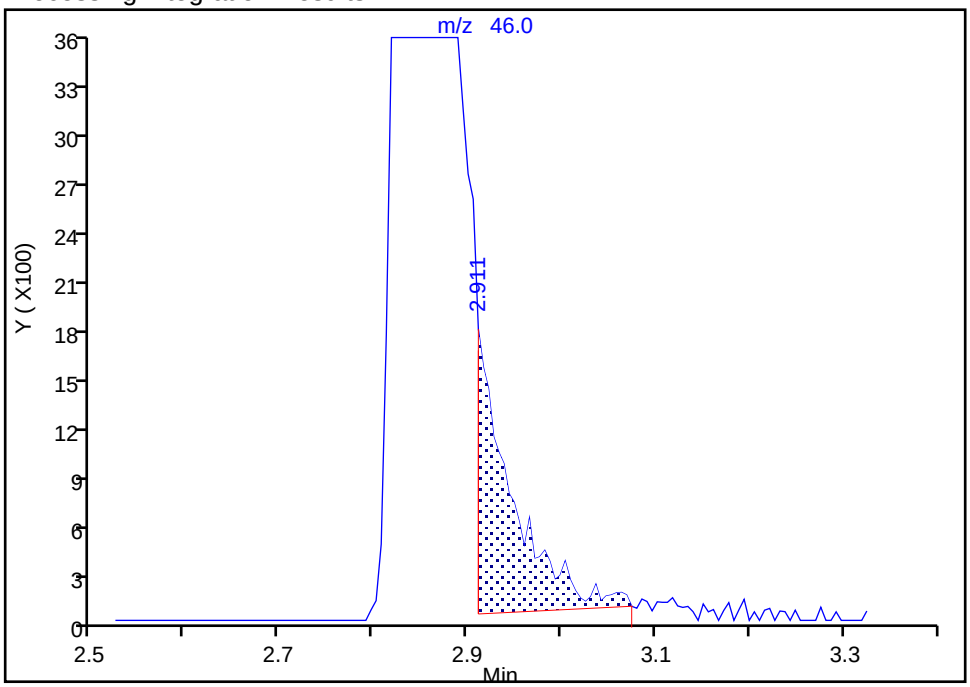
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

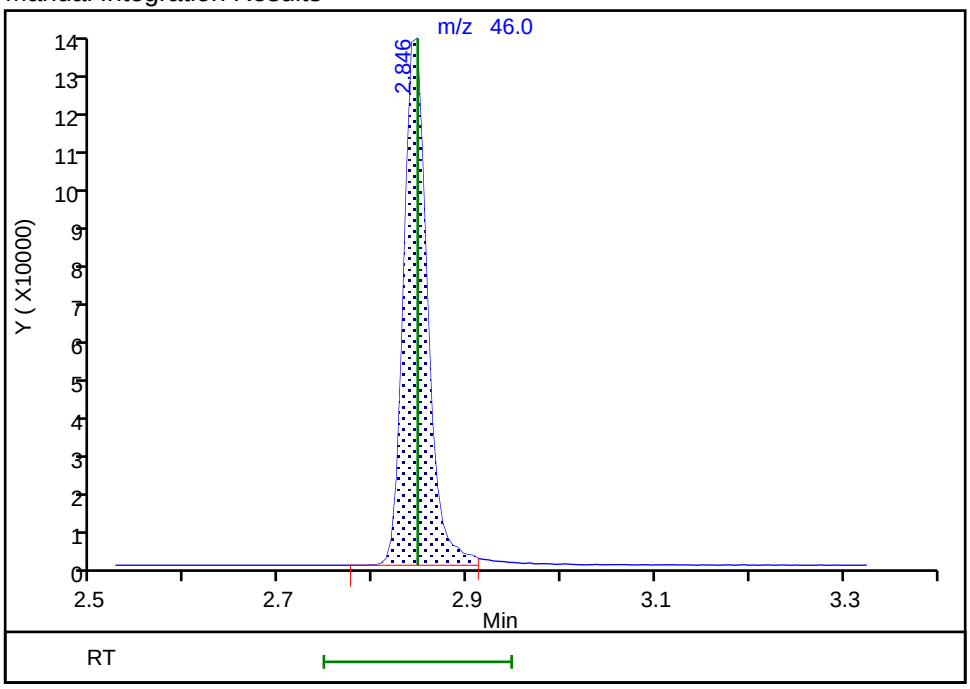
Processing Integration Results

RT: 2.91
Area: 4410
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.85
Area: 243178
Amount: 250.0000
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 17:10:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

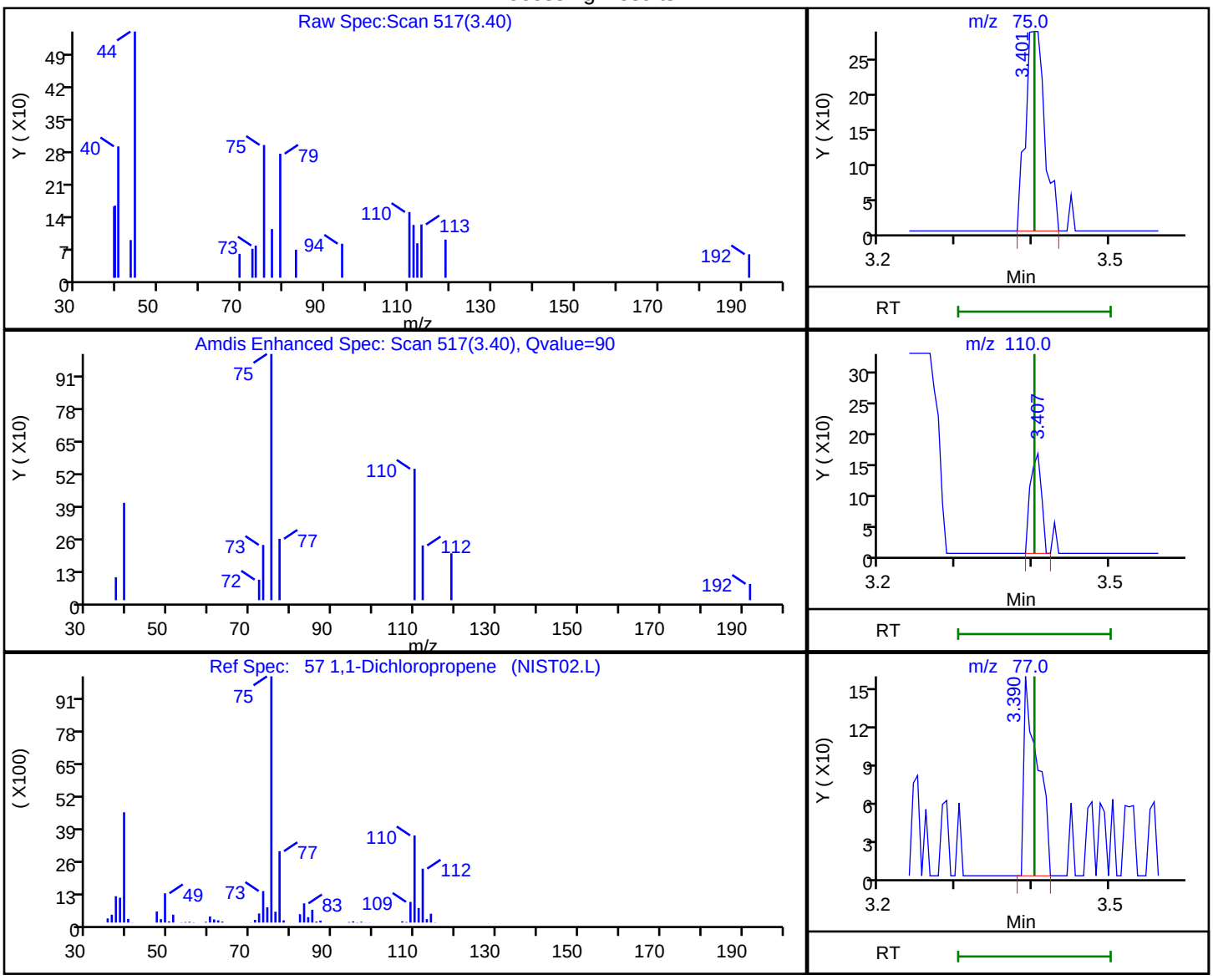
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
3.40	75.00	507	0.089852
3.41	110.00	164	
3.39	77.00	199	

Reviewer: pakanatir, 30-Jul-2019 17:12:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

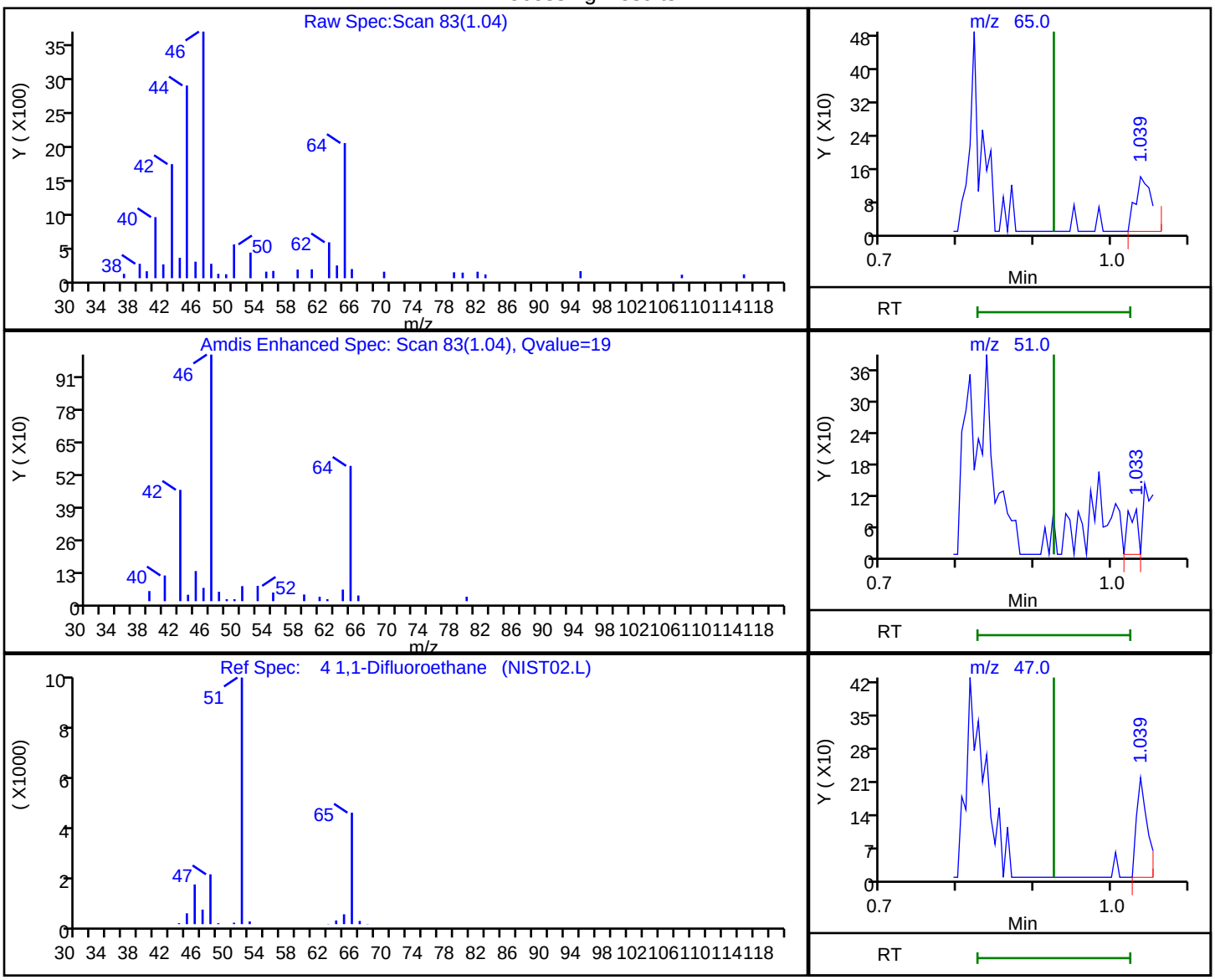
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
1.04	65.00	208	0.076127
1.03	51.00	75	
1.04	47.00	205	

Reviewer: pakanatir, 30-Jul-2019 17:11:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

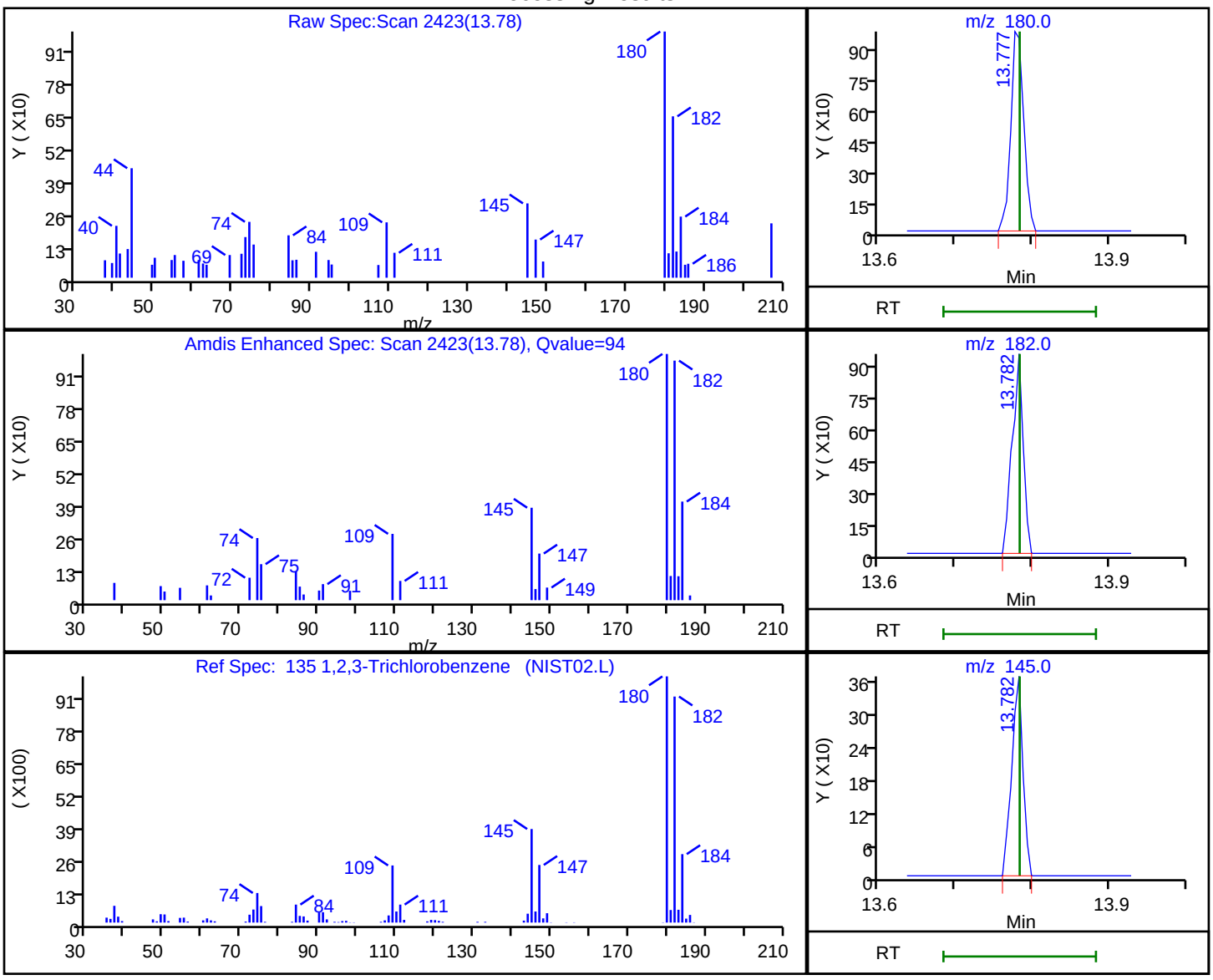
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
13.78	180.00	1162	0.193480
13.78	182.00	959	
13.78	145.00	372	

Reviewer: pakanatir, 30-Jul-2019 17:13:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

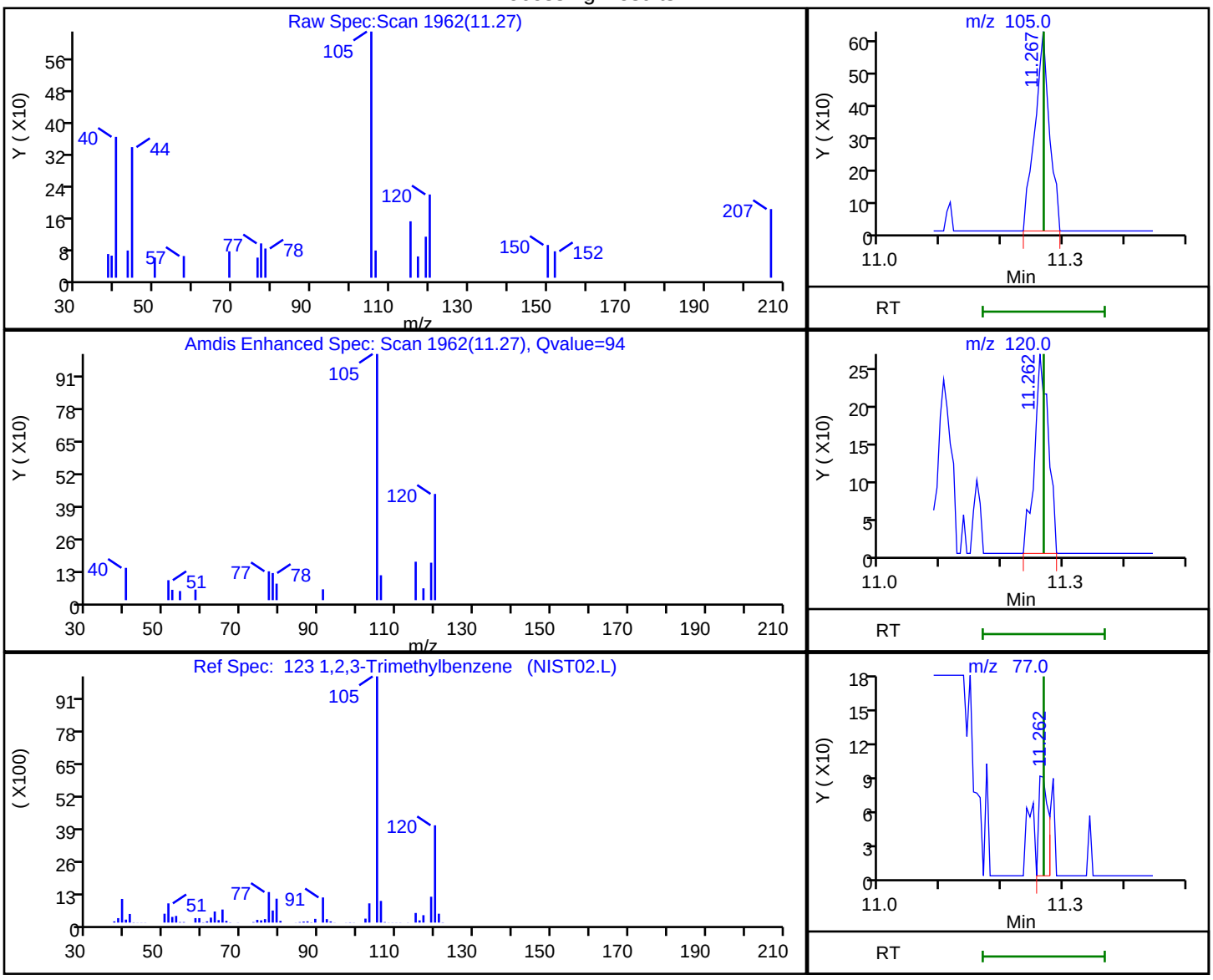
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
11.27	105.00	1034	0.060262
11.26	120.00	414	
11.26	77.00	95	

Reviewer: pakanatir, 30-Jul-2019 17:12:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

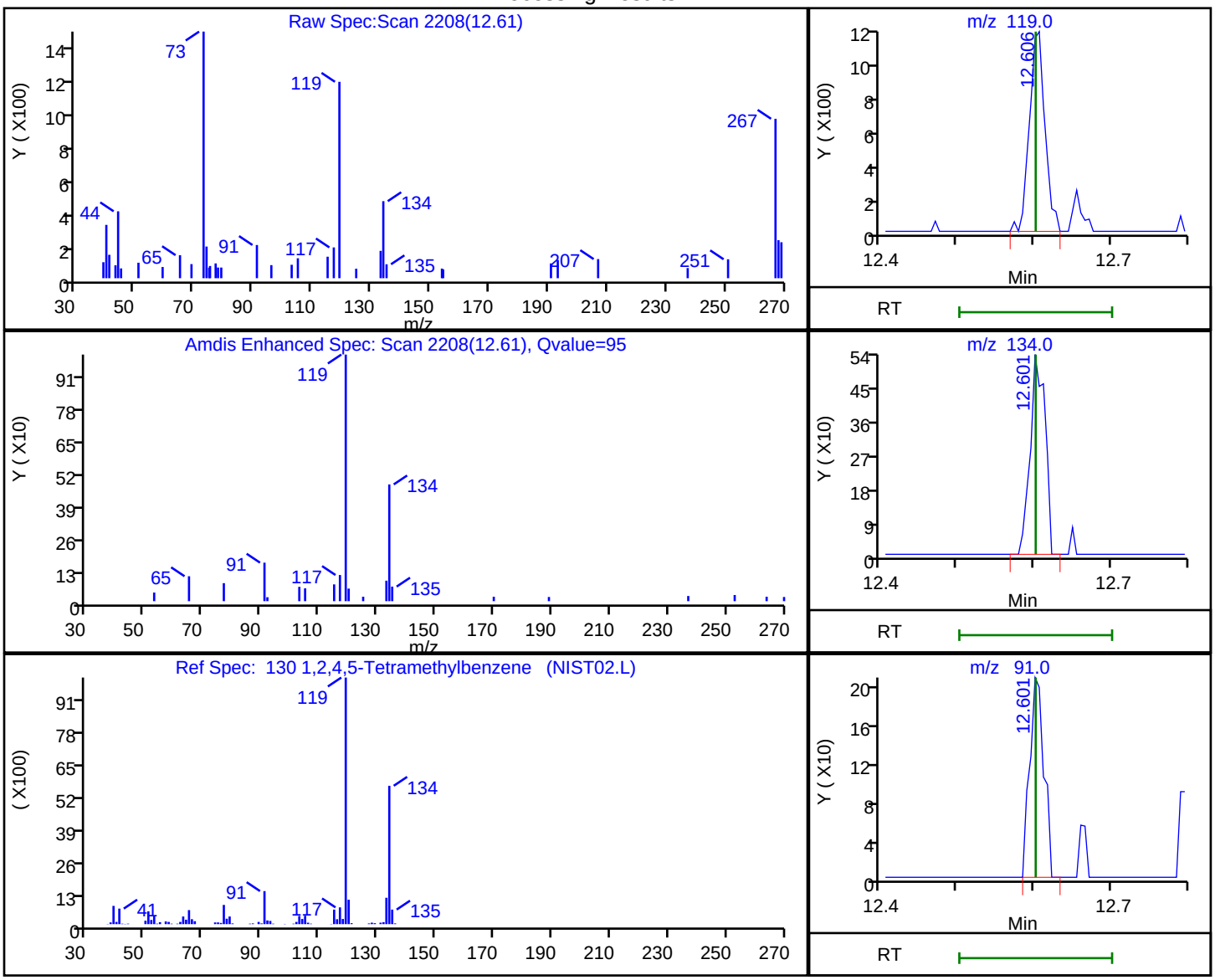
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
12.61	119.00	1612	0.101806
12.60	134.00	721	
12.60	91.00	262	

Reviewer: pakanatir, 30-Jul-2019 17:13:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

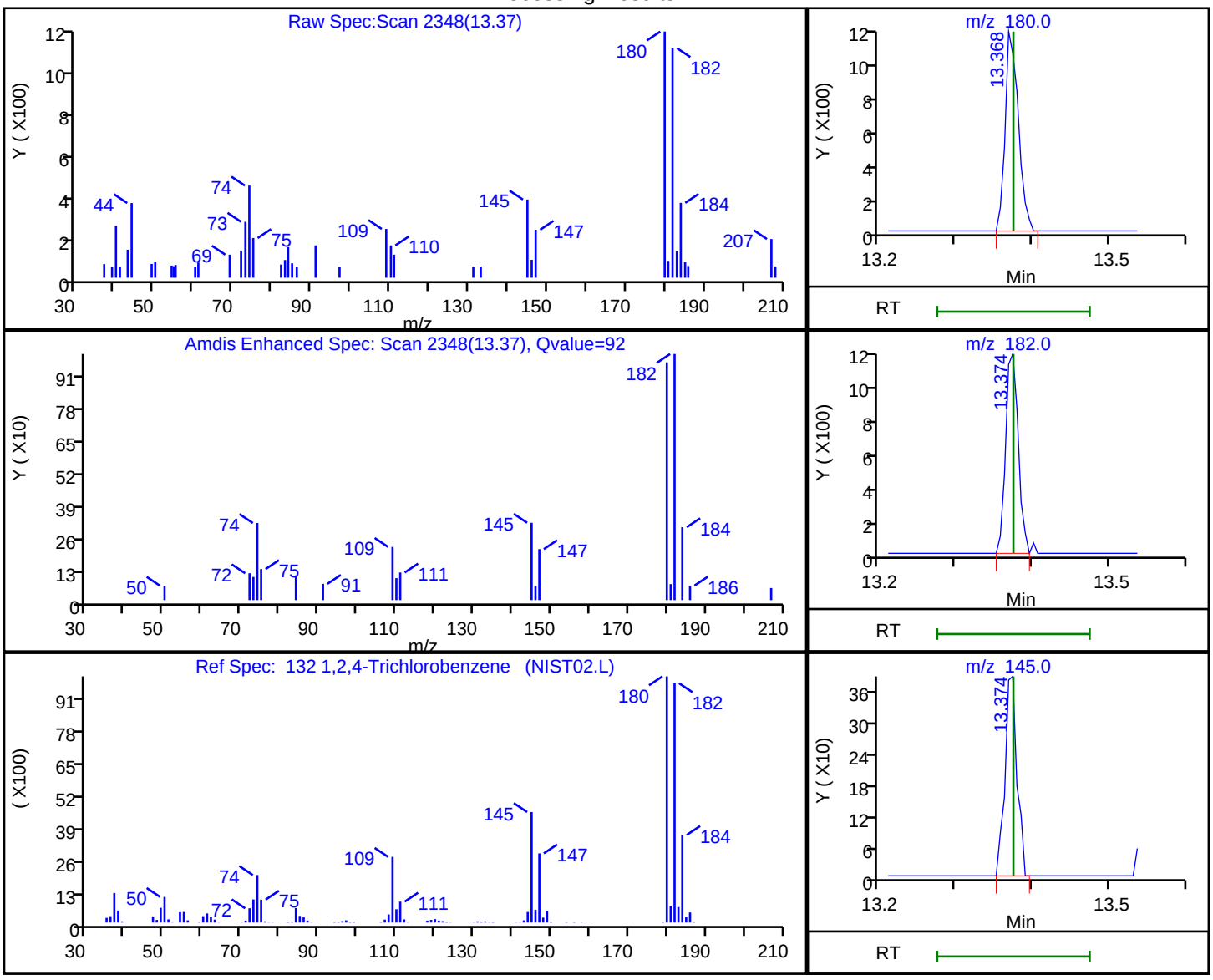
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
13.37	180.00	1428	0.219125
13.37	182.00	1351	
13.37	145.00	423	

Reviewer: pakanatir, 30-Jul-2019 17:13:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

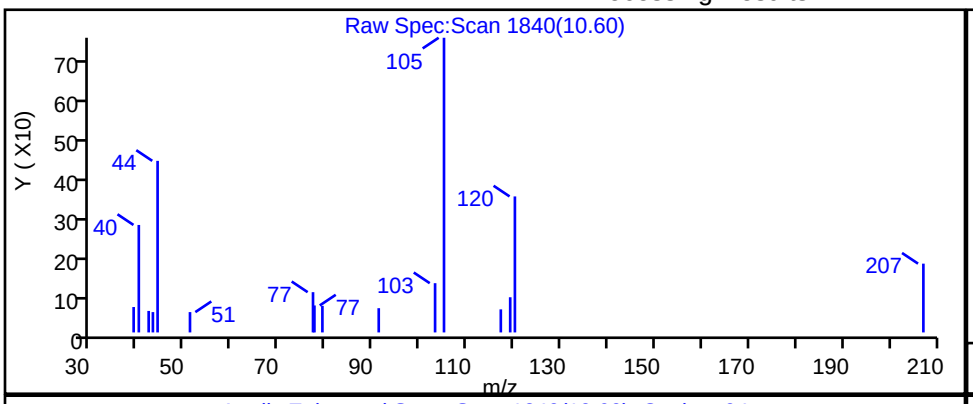
User Disabled Compound Report

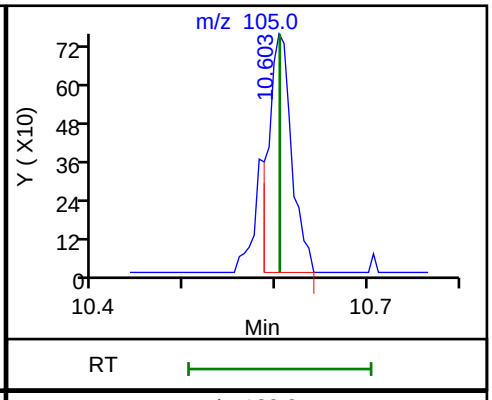
Eurofins TestAmerica, Edison

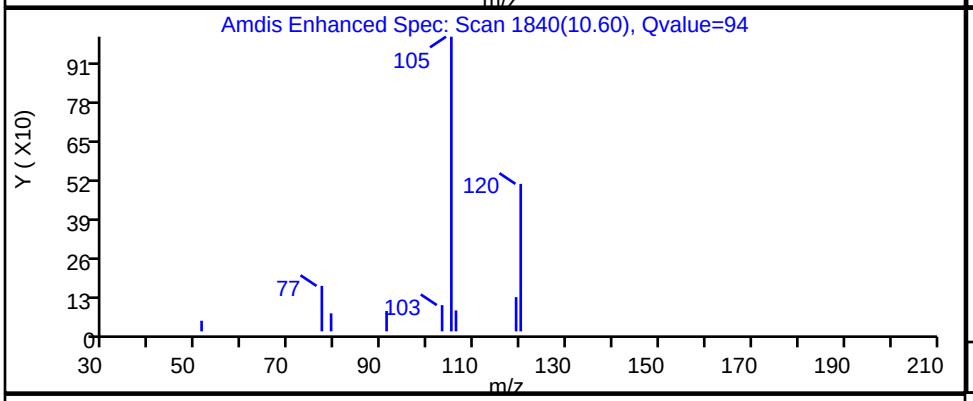
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

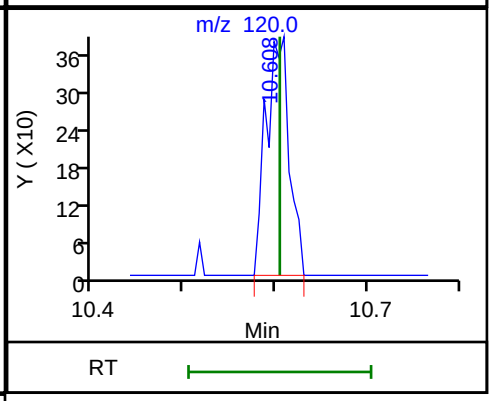
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

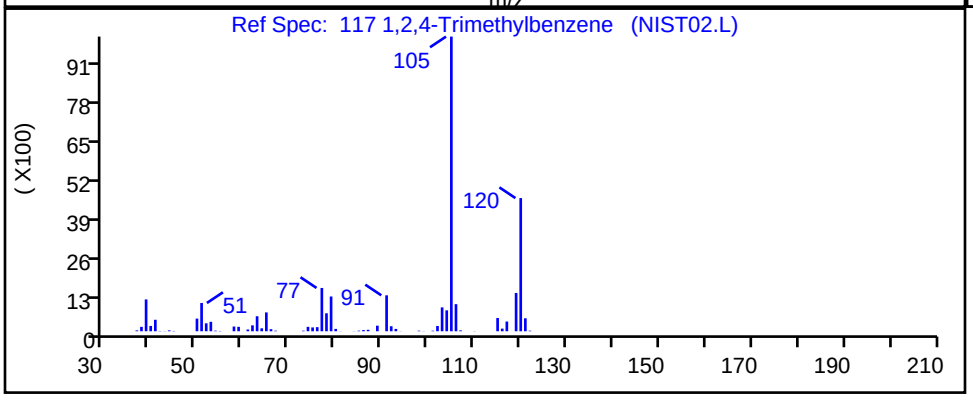
Processing Results











RT	Mass	Response	Amount
10.60	105.00	1309	0.079727
10.61	120.00	672	

Reviewer: pakanatir, 30-Jul-2019 17:12:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

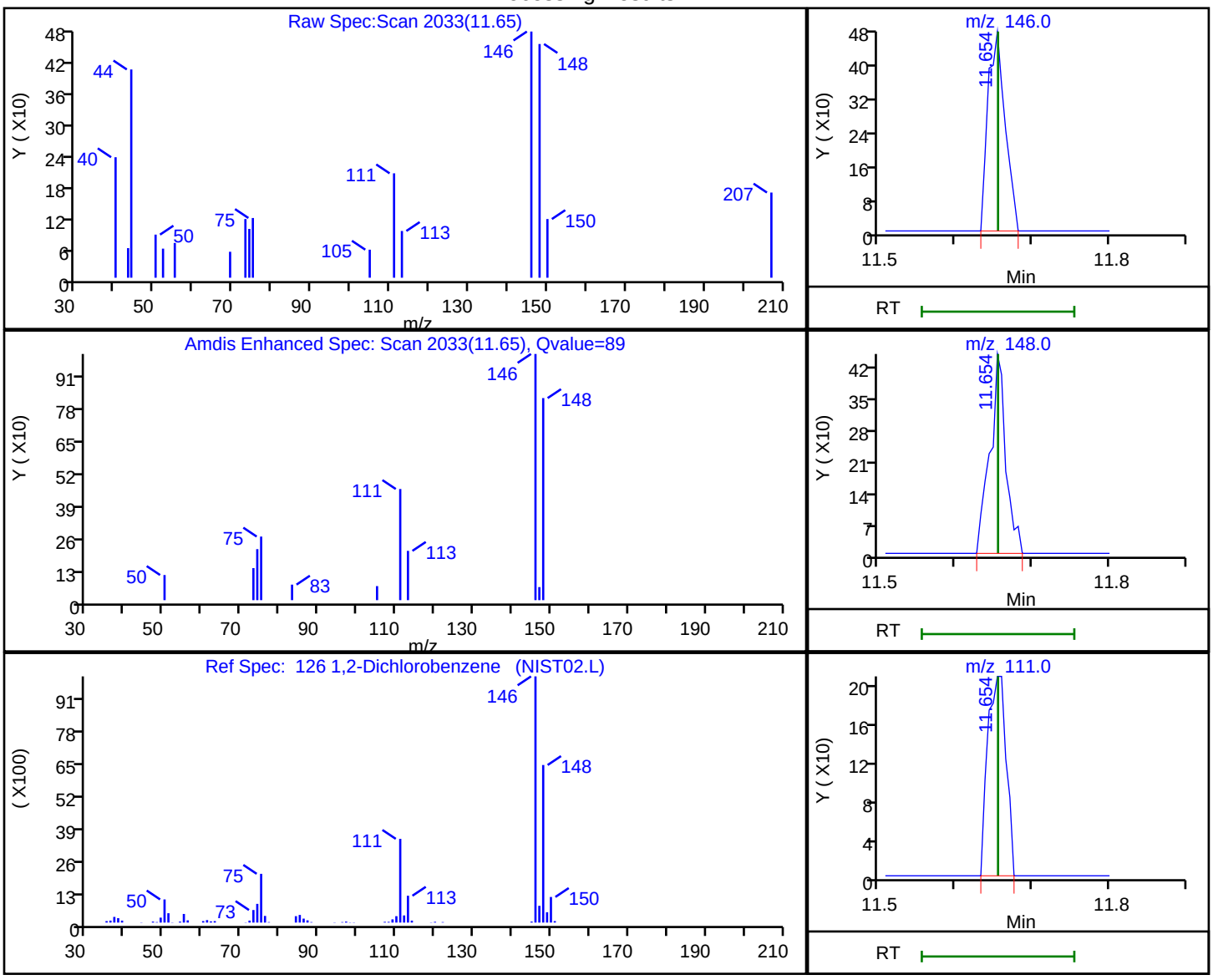
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

126 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.65	146.00	737	0.075242
11.65	148.00	651	
11.65	111.00	338	

Reviewer: pakanatir, 30-Jul-2019 17:12:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

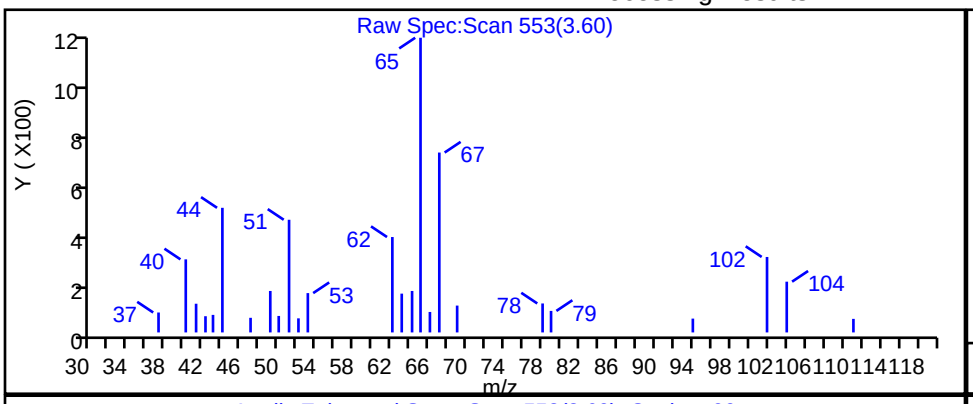
User Disabled Compound Report

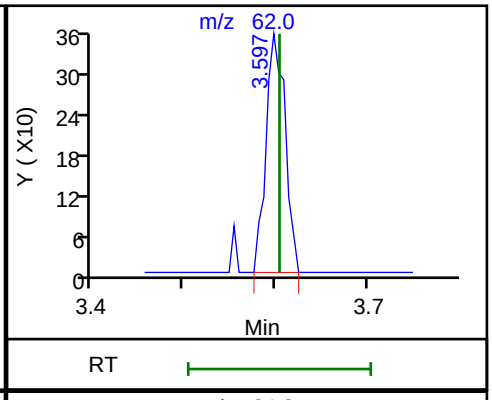
Eurofins TestAmerica, Edison

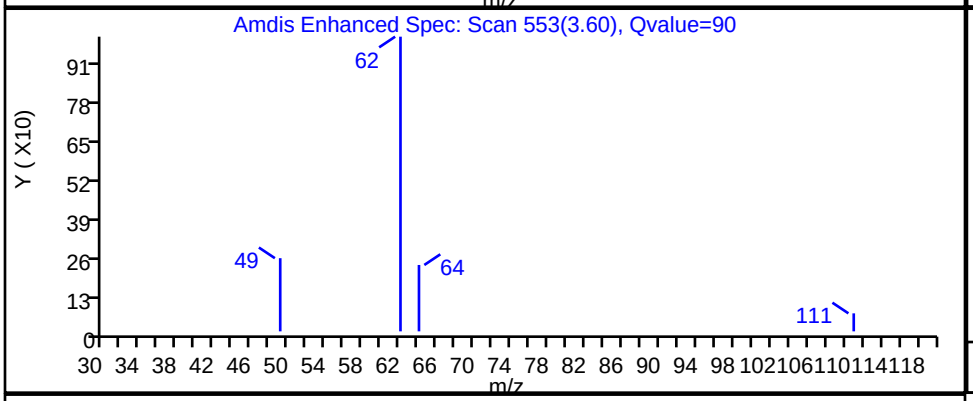
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

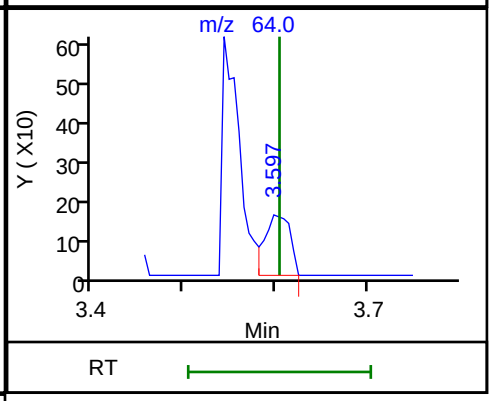
61 1,2-Dichloroethane, CAS: 107-06-2

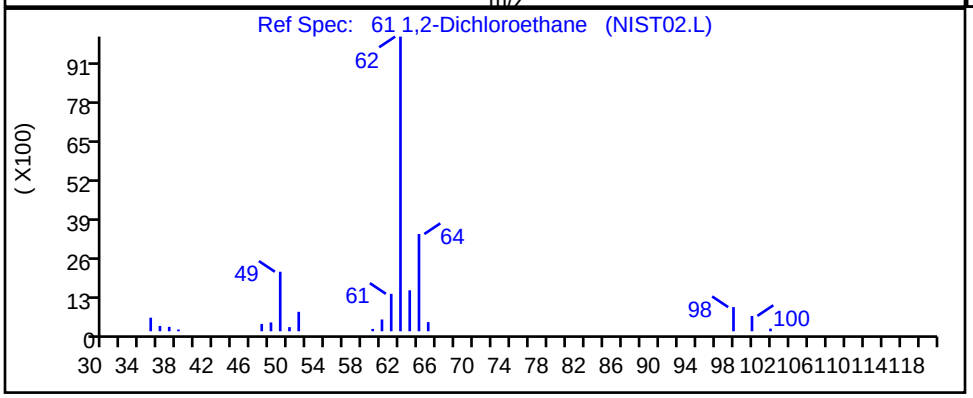
Processing Results











RT	Mass	Response	Amount
3.60	62.00	522	0.099108
3.60	64.00	304	

Reviewer: pakanatir, 30-Jul-2019 17:12:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

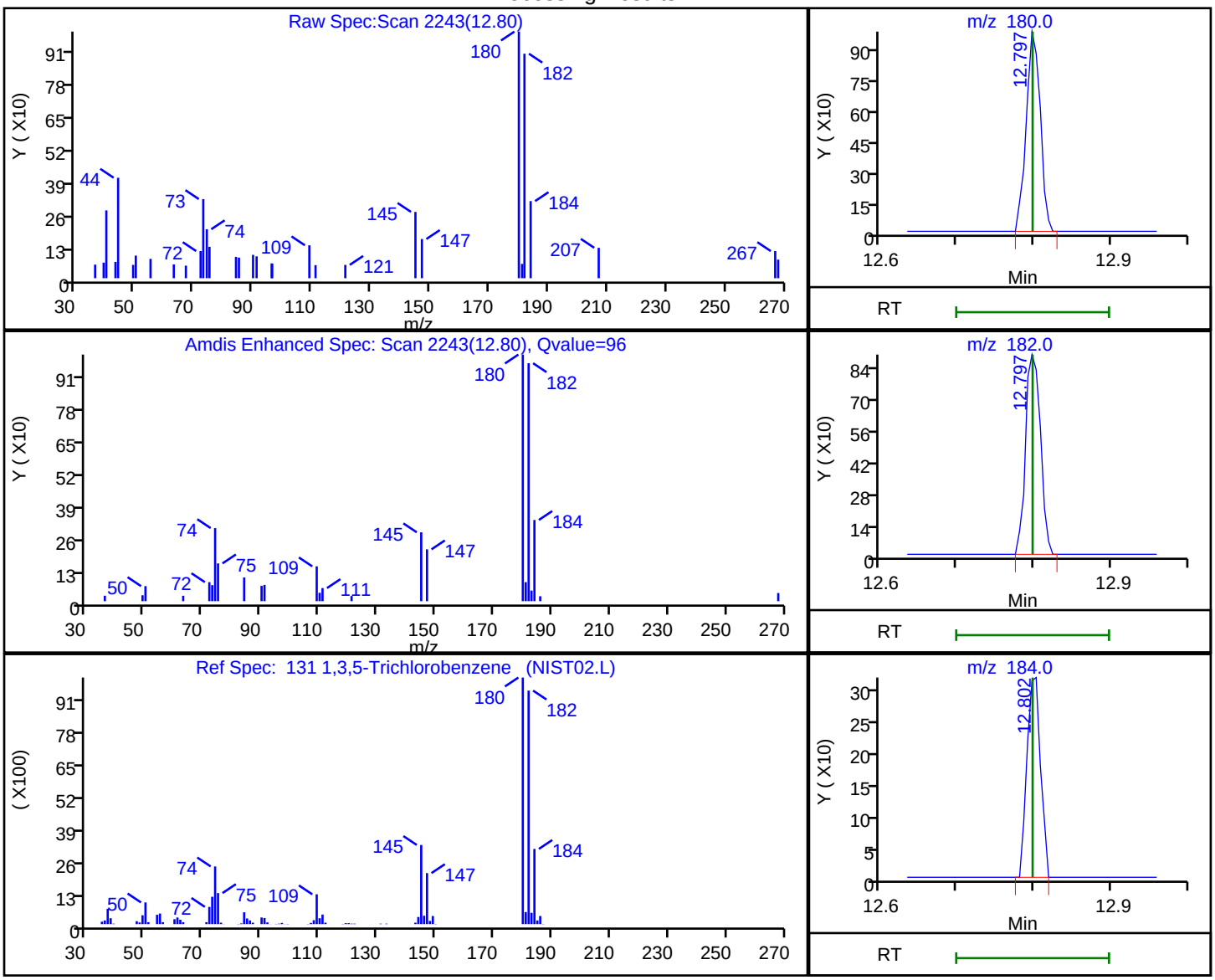
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.80	180.00	1257	0.180135
12.80	182.00	1214	
12.80	184.00	387	

Reviewer: pakanatir, 30-Jul-2019 17:13:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

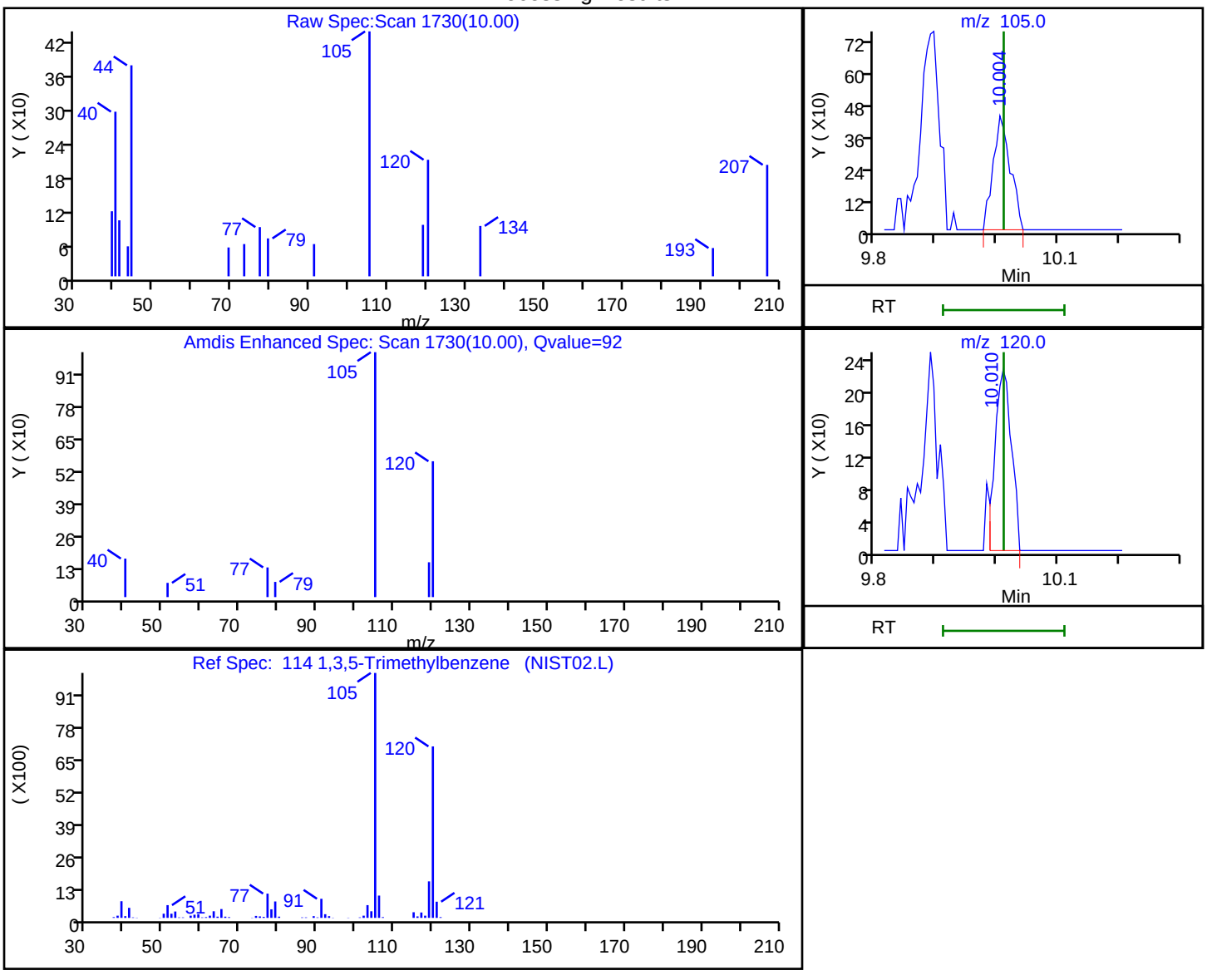
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.00	105.00	850	0.054694
10.01	120.00	423	

Reviewer: pakanatir, 30-Jul-2019 17:12:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

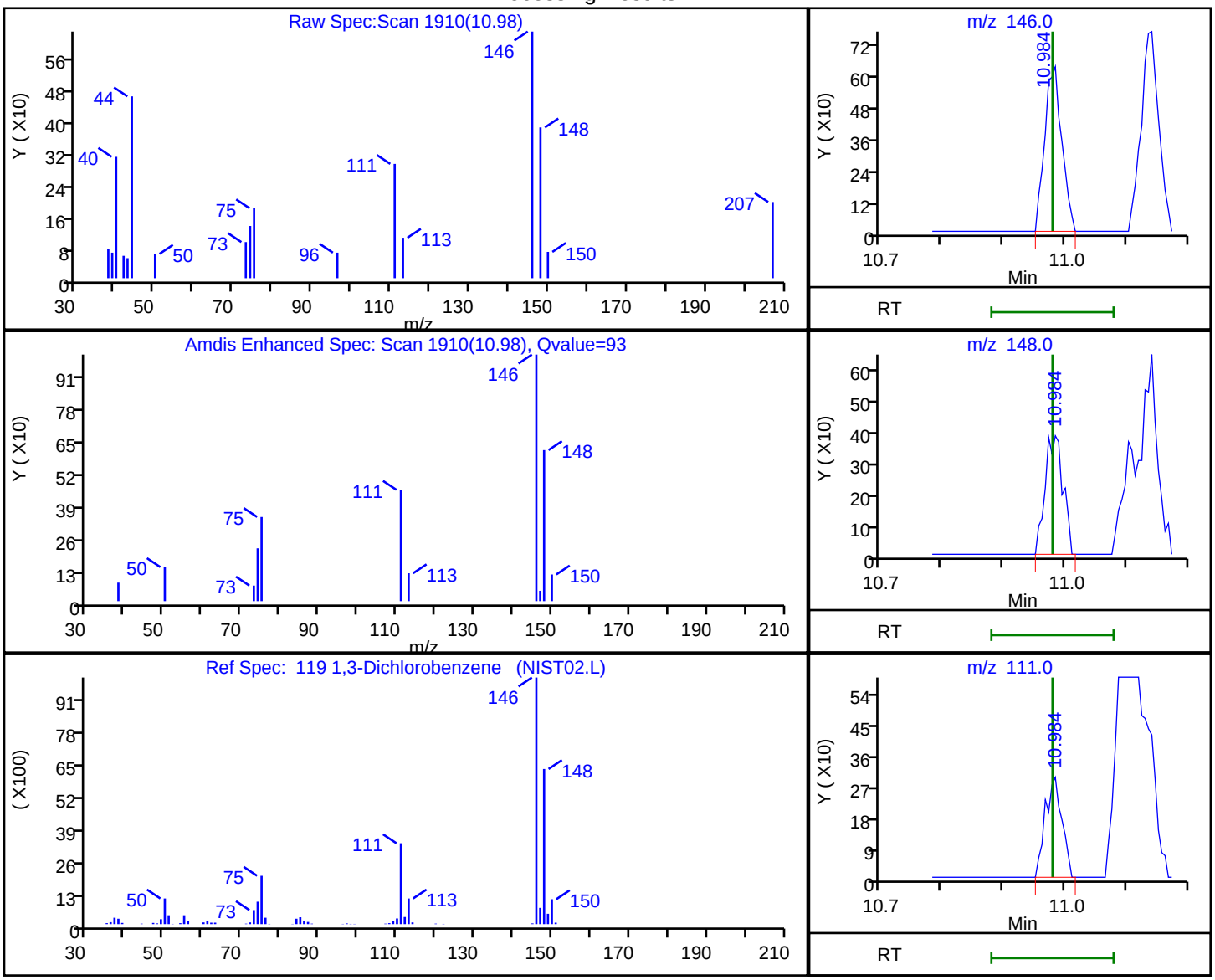
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.98	146.00	1220	0.123795
10.98	148.00	783	
10.98	111.00	550	

Reviewer: pakanatir, 30-Jul-2019 17:12:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

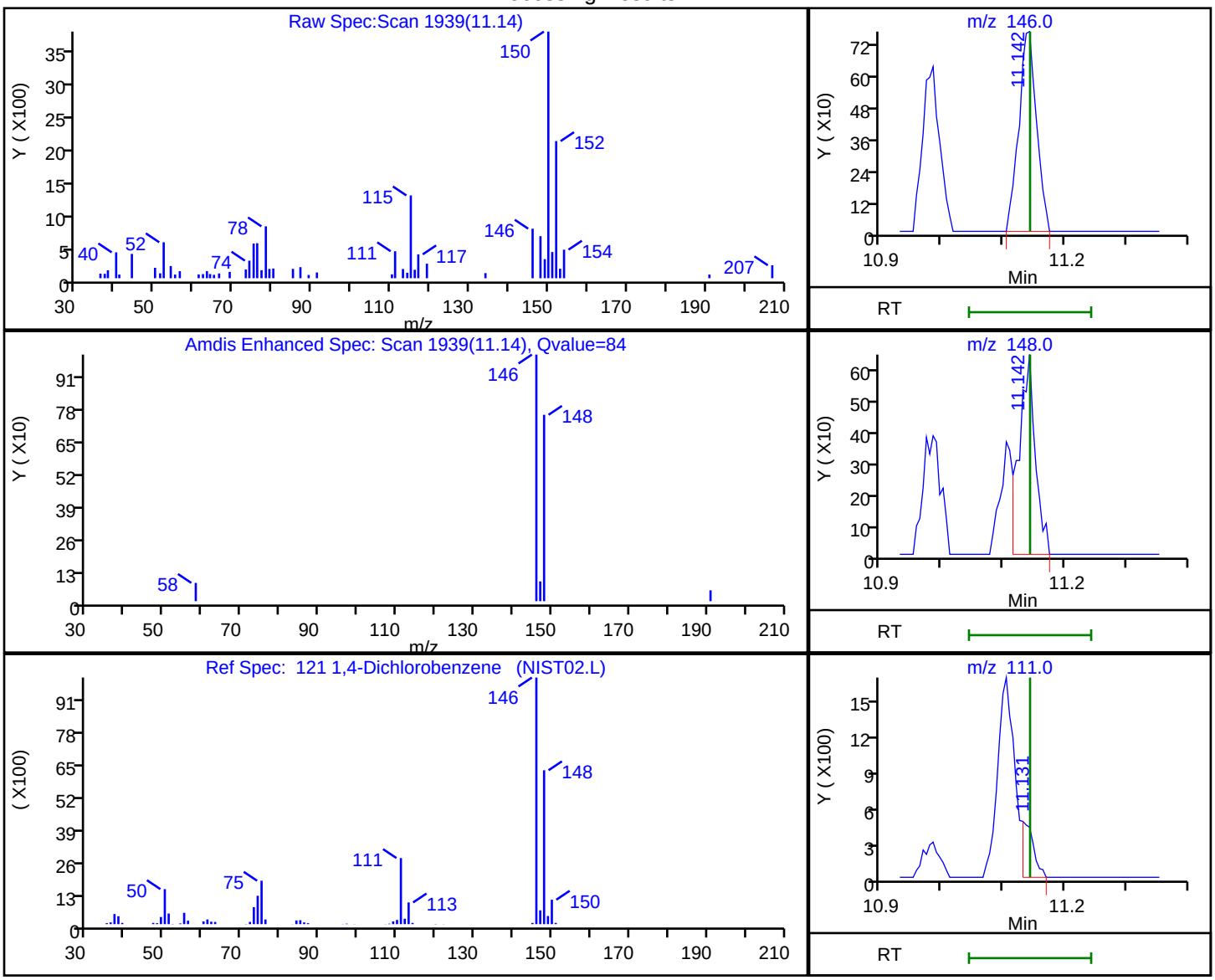
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

121 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
11.14	146.00	1532	0.151296
11.14	148.00	1185	
11.13	111.00	611	

Reviewer: pakanatir, 30-Jul-2019 17:12:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

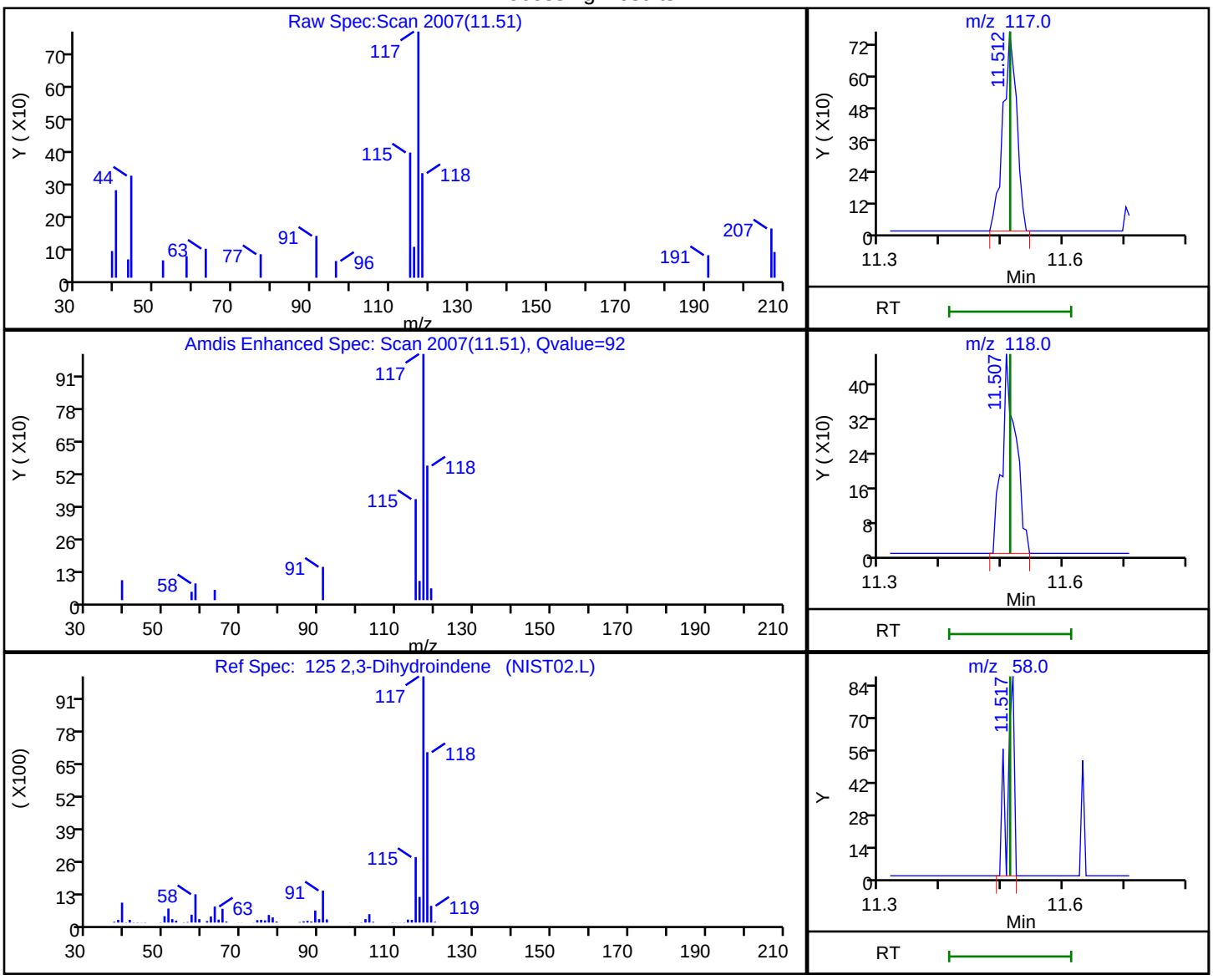
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
11.51	117.00	1178	0.069618
11.51	118.00	711	
11.52	58.00	69	

Reviewer: pakanatir, 30-Jul-2019 17:12:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

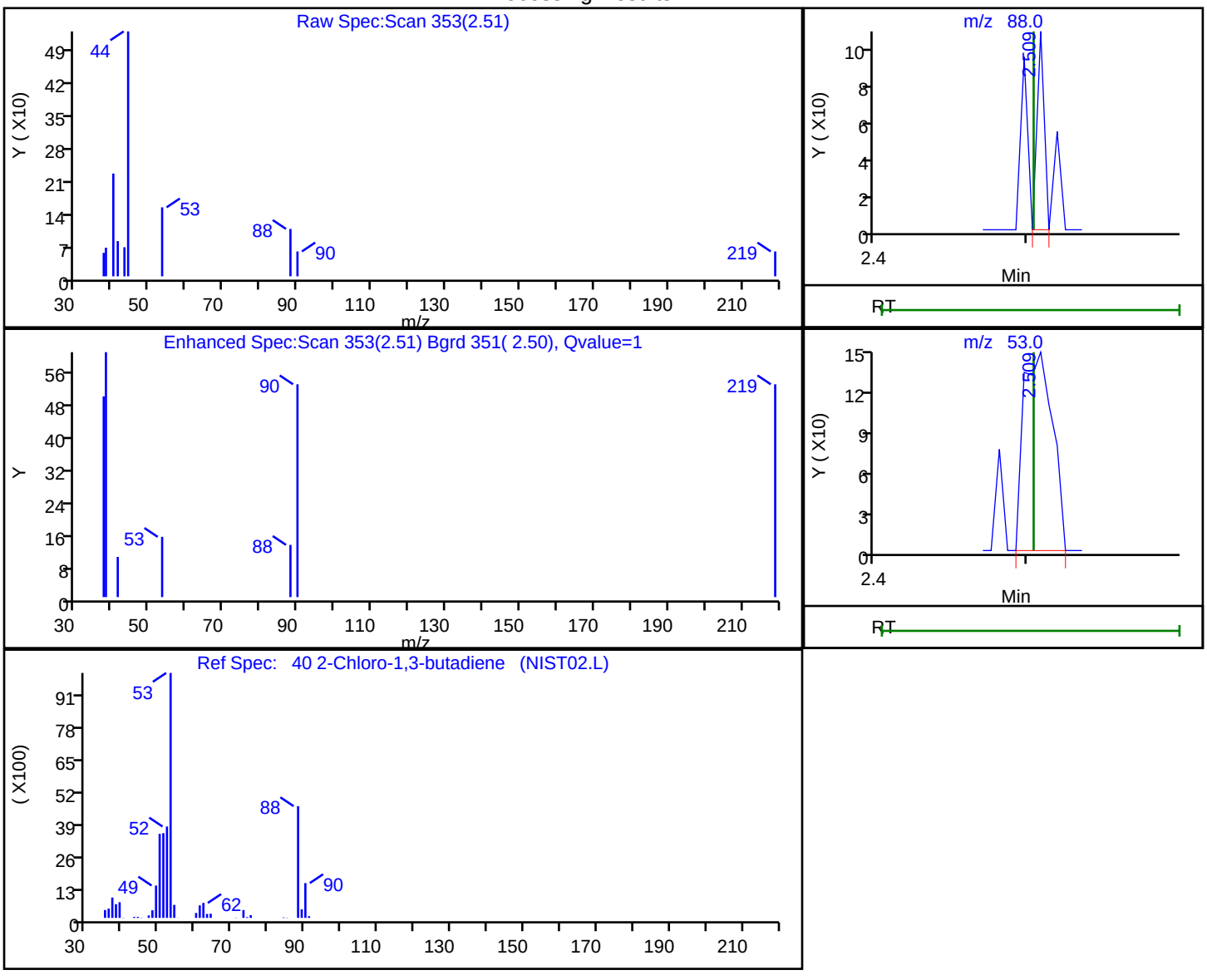
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

40 2-Chloro-1,3-butadiene, CAS: 126-99-8

Processing Results



RT	Mass	Response	Amount
2.51	88.00	33	0.008181
2.51	53.00	194	

Reviewer: pakanatir, 30-Jul-2019 17:12:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

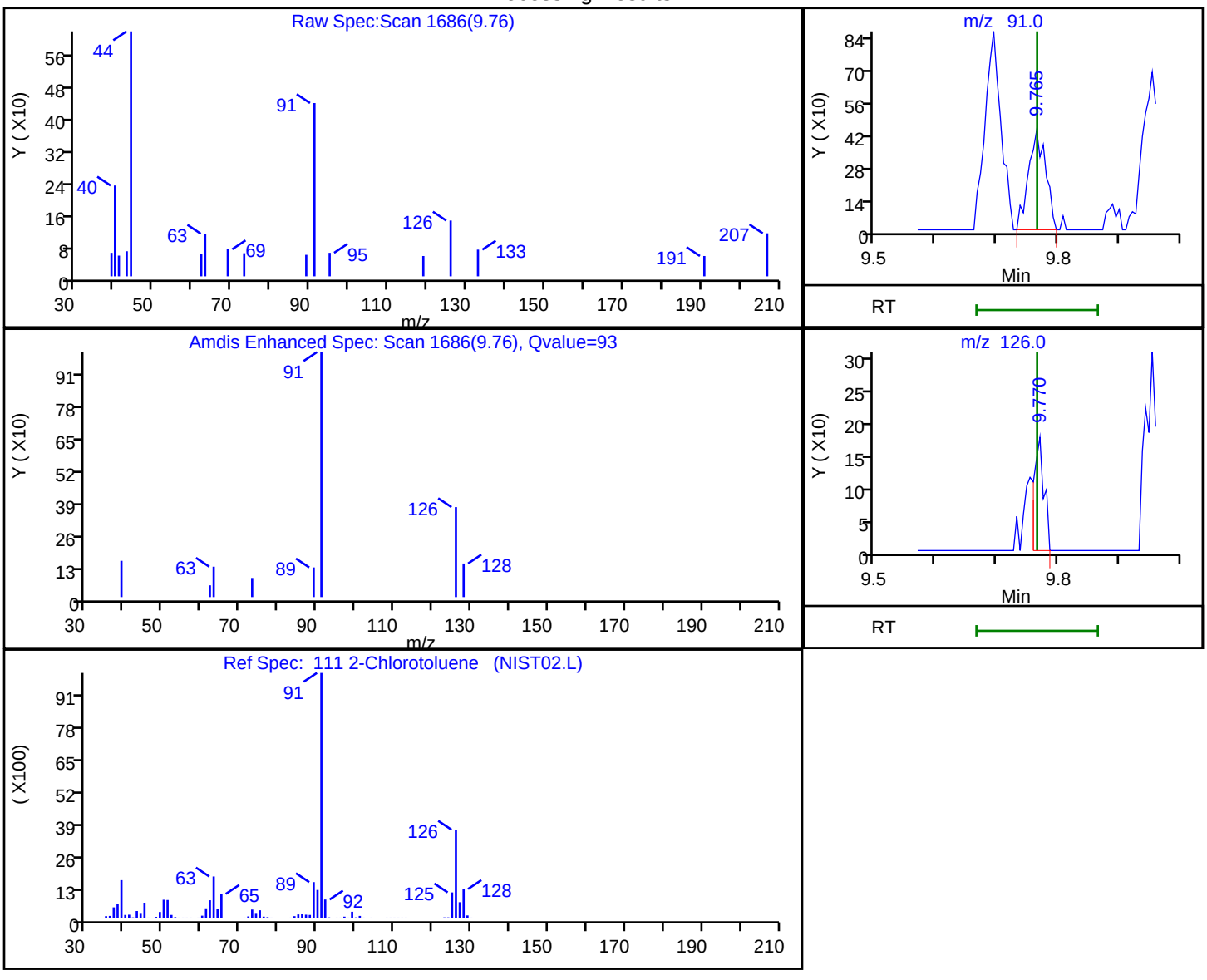
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

111 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
9.76	91.00	860	0.063183
9.77	126.00	192	

Reviewer: pakanatir, 30-Jul-2019 17:12:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

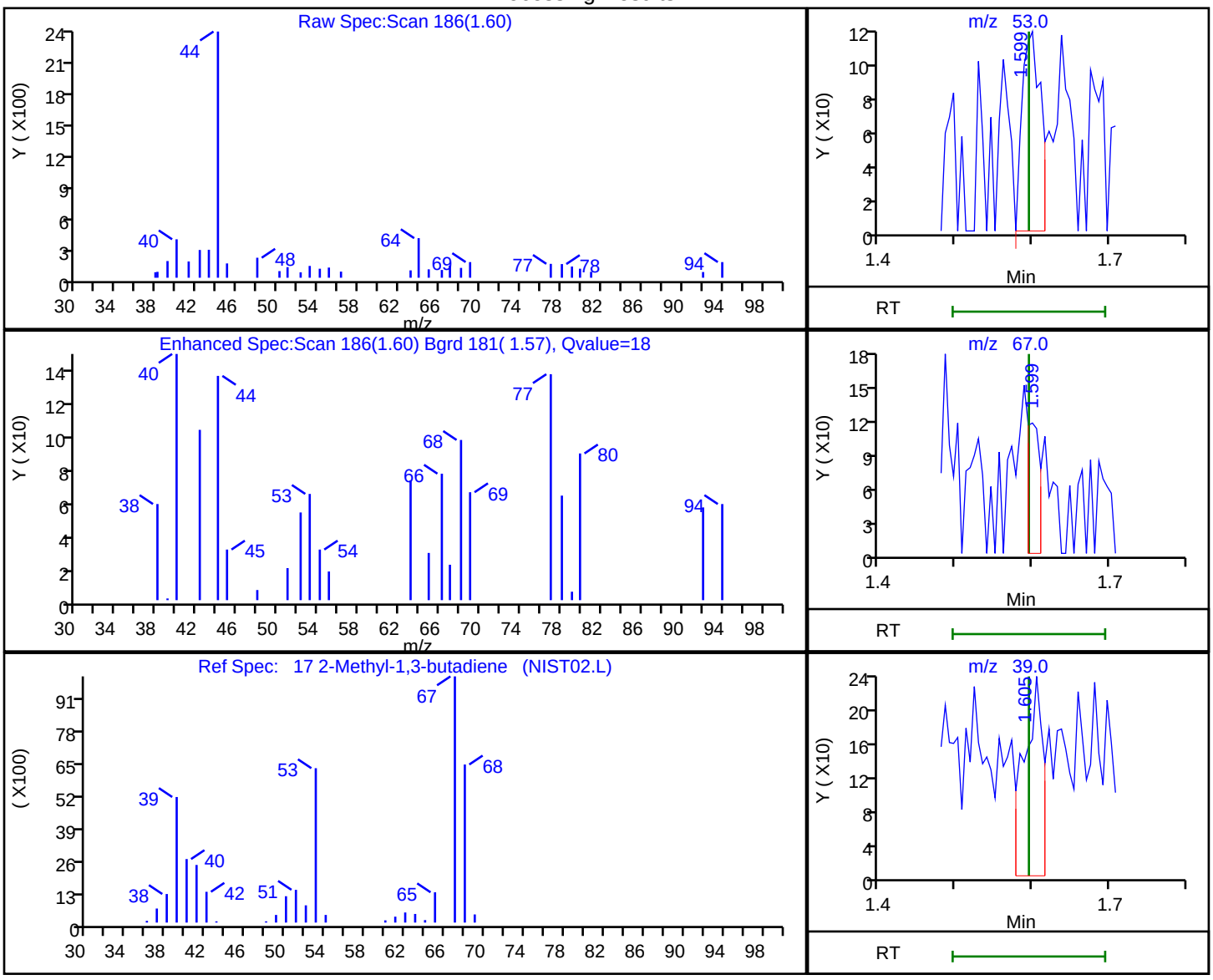
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D		
Injection Date:	30-Jul-2019 12:49:30	Instrument ID:	CVOAMS16
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.60	53.00	192	0.061564
1.60	67.00	137	
1.60	39.00	404	

Reviewer: pakanatir, 30-Jul-2019 17:11:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

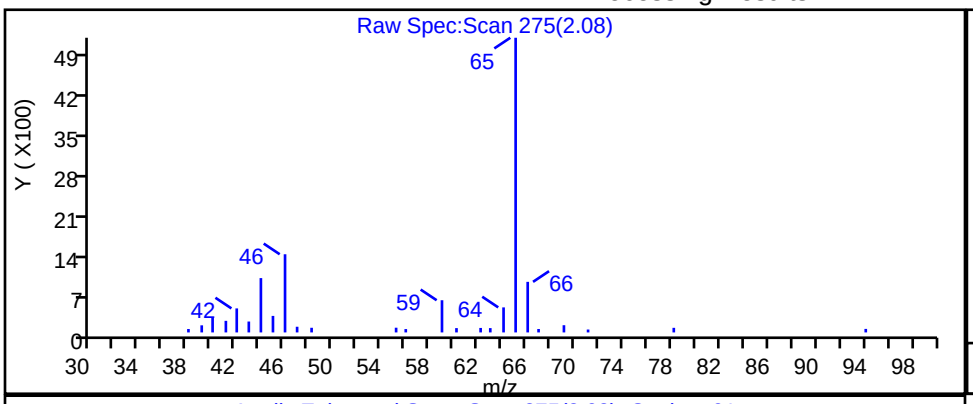
User Disabled Compound Report

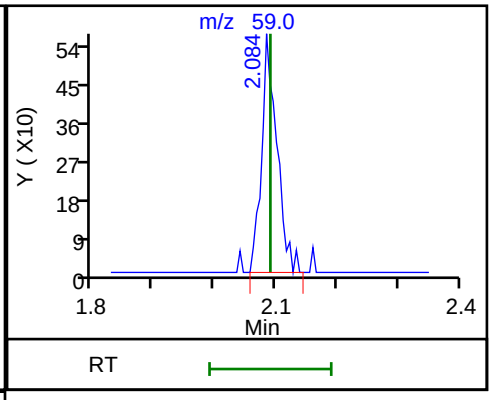
Eurofins TestAmerica, Edison

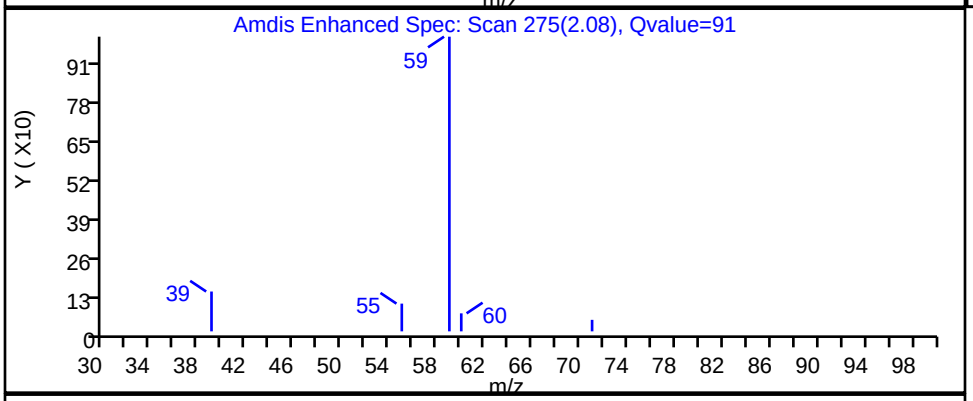
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

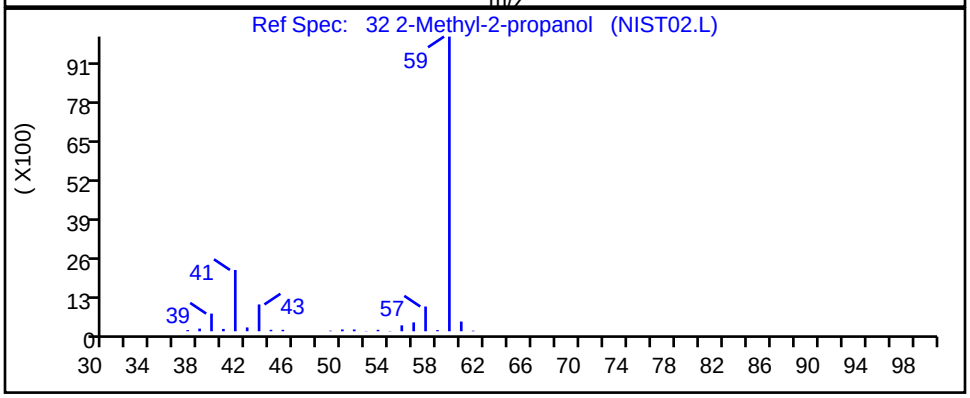
32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results









RT	Mass	Response	Amount
2.08	59.00	983	2.767987

Reviewer: pakanatir, 30-Jul-2019 17:12:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

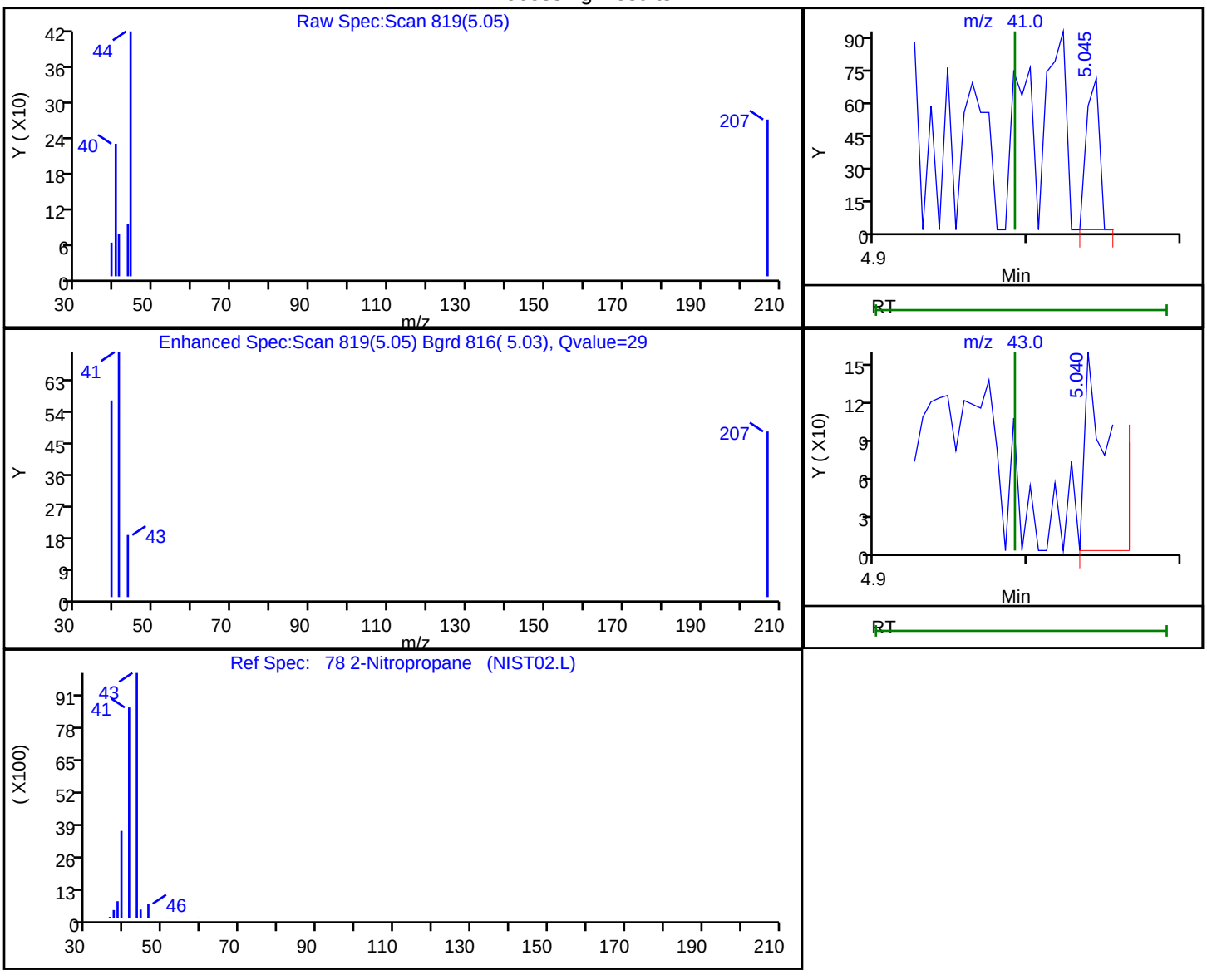
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D				
Injection Date:	30-Jul-2019 12:49:30	Instrument ID:	CVOAMS16		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
5.05	41.00	42	0.046499
5.04	43.00	176	

Reviewer: pakanatir, 30-Jul-2019 17:12:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

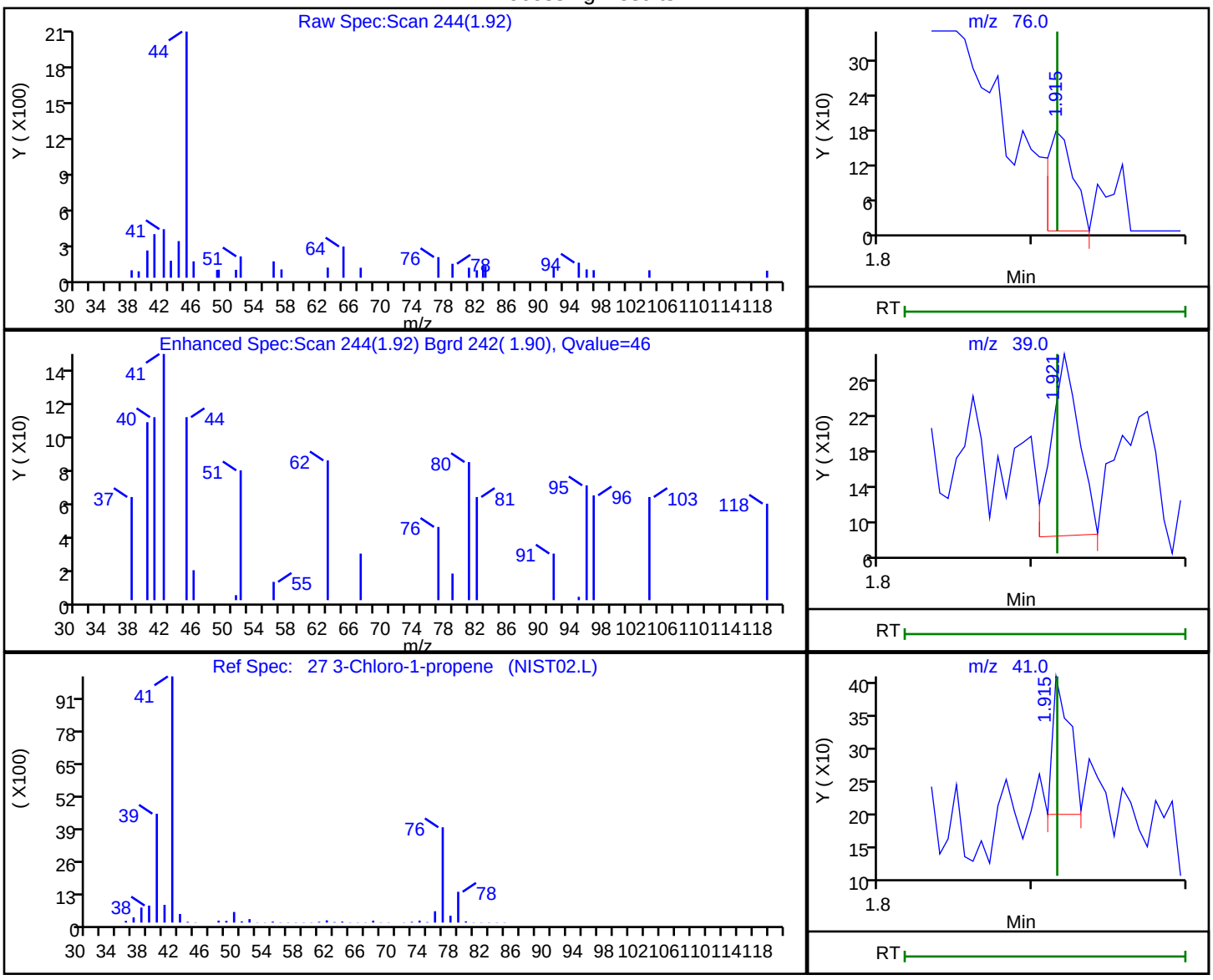
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
1.92	76.00	200	0.064917
1.92	39.00	248	
1.92	41.00	161	

Reviewer: pakanatir, 30-Jul-2019 17:12:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

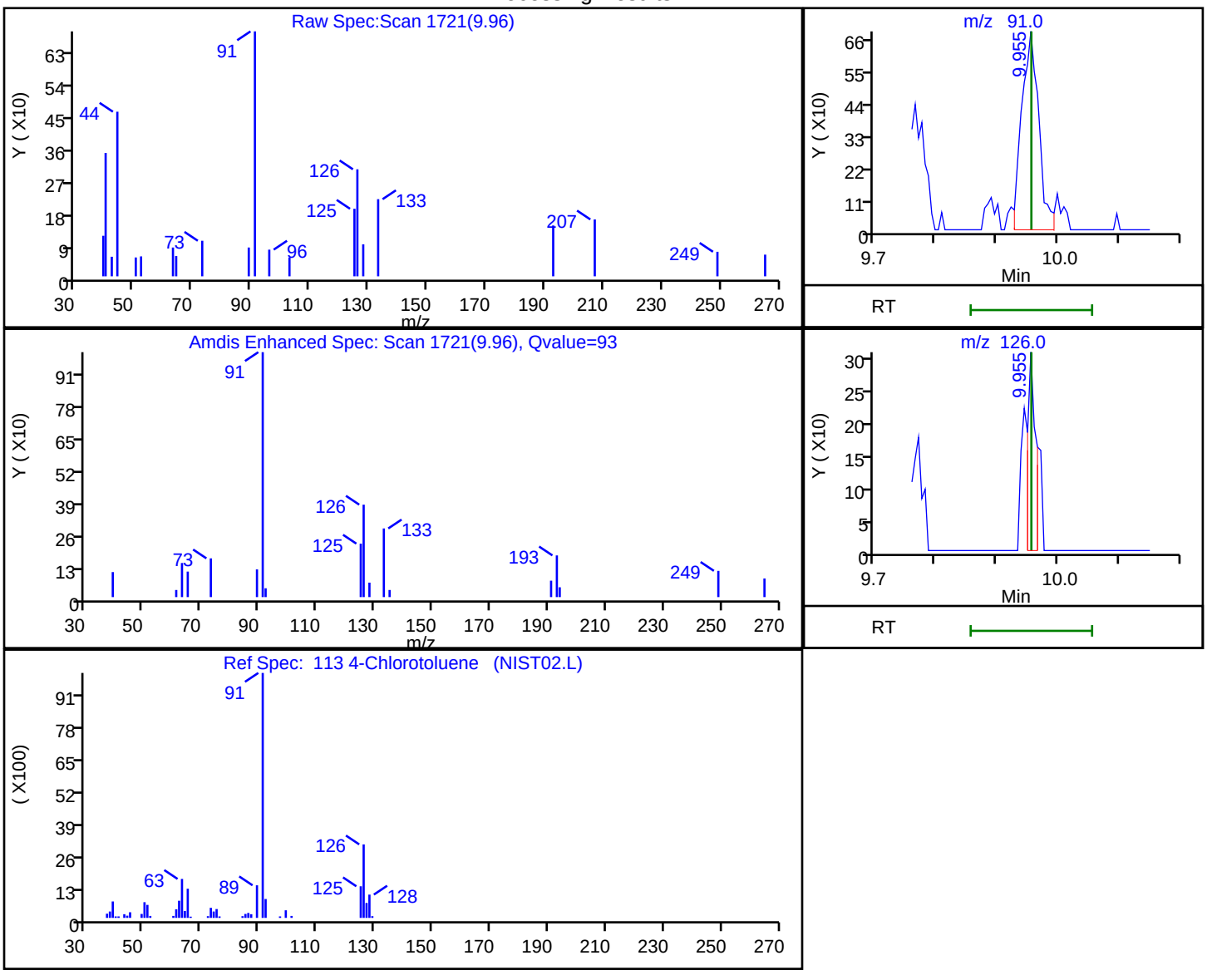
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

113 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
9.96	91.00	1344	0.094833
9.96	126.00	270	

Reviewer: pakanatir, 30-Jul-2019 17:12:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

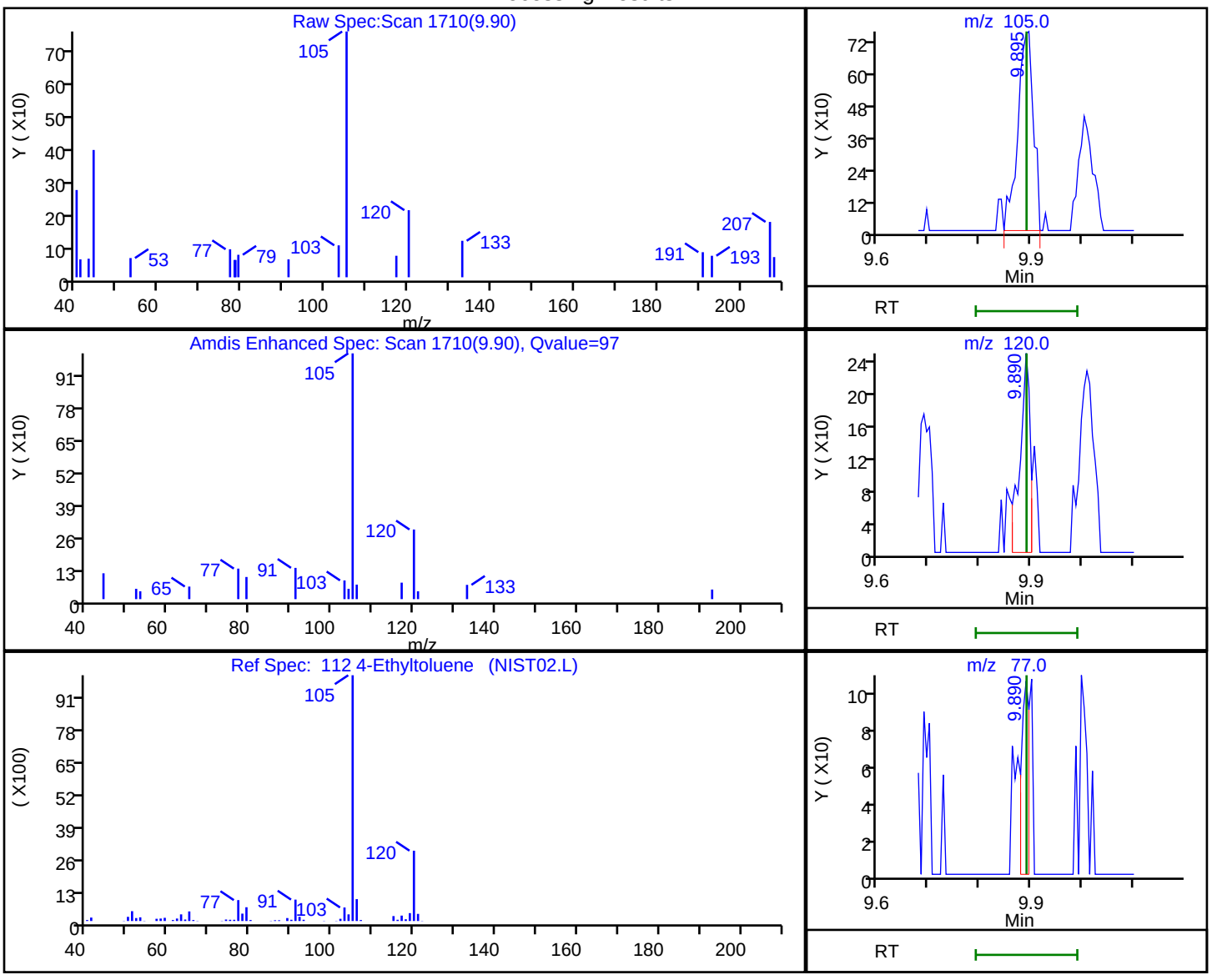
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.90	105.00	1611	0.085680
9.89	120.00	346	
9.89	77.00	106	

Reviewer: pakanatir, 30-Jul-2019 17:12:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

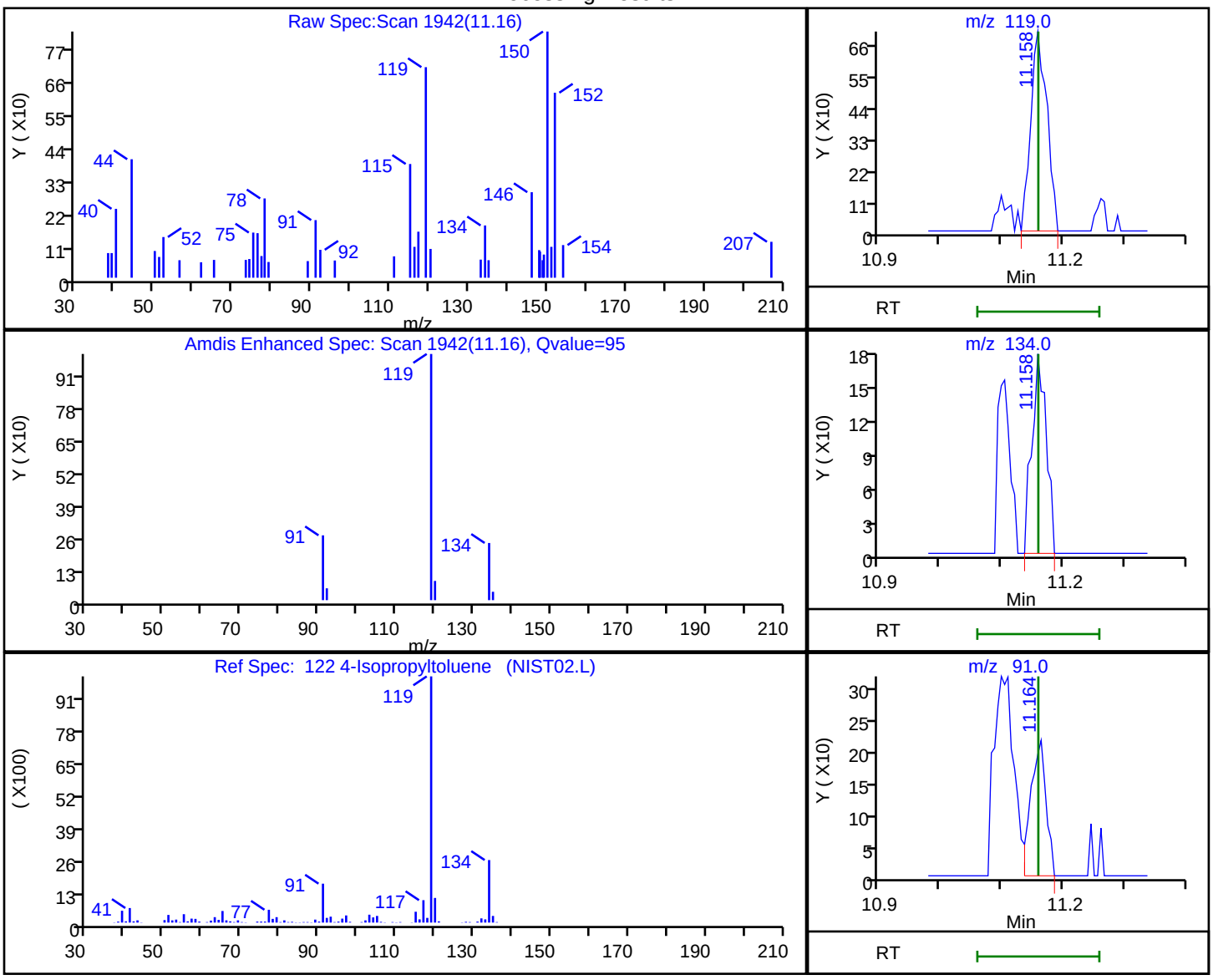
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
11.16	119.00	1304	0.080414
11.16	134.00	287	
11.16	91.00	374	

Reviewer: pakanatir, 30-Jul-2019 17:12:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

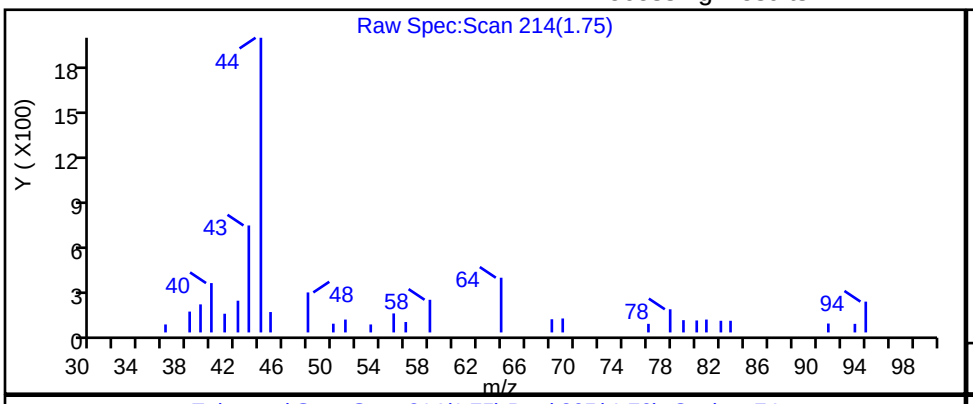
User Disabled Compound Report

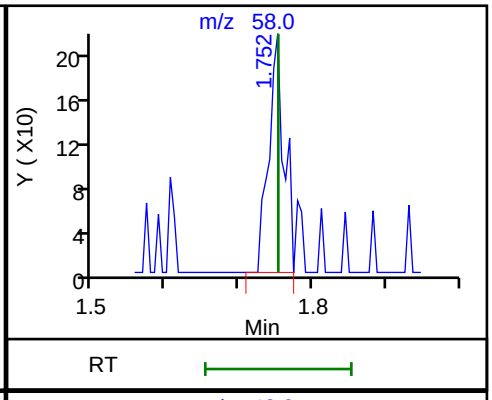
Eurofins TestAmerica, Edison

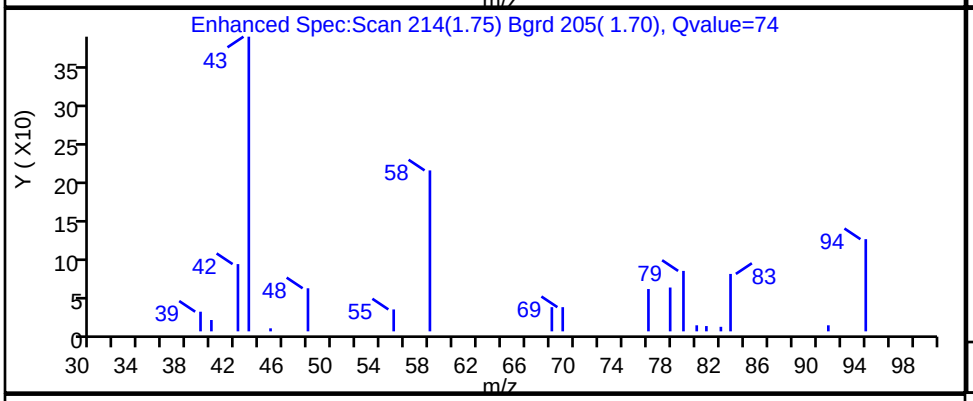
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

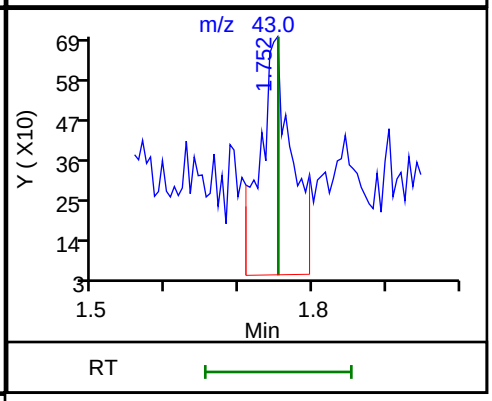
22 Acetone, CAS: 67-64-1

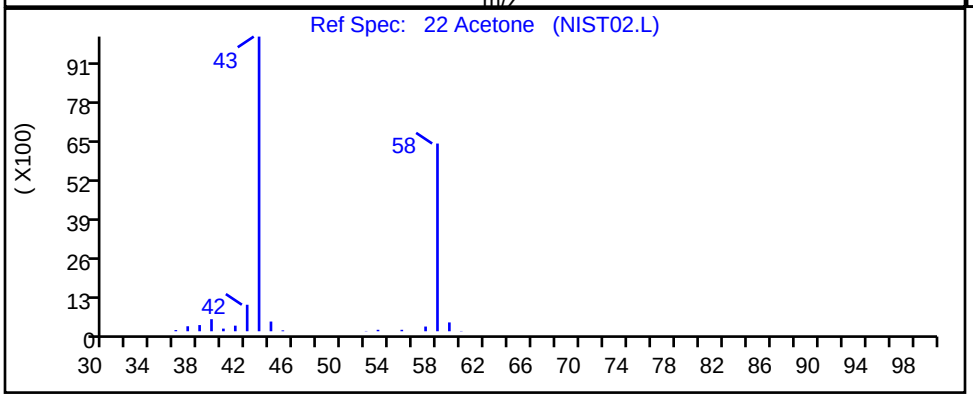
Processing Results











RT	Mass	Response	Amount
1.75	58.00	309	0.807832
1.75	43.00	2004	

Reviewer: pakanatir, 30-Jul-2019 17:12:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

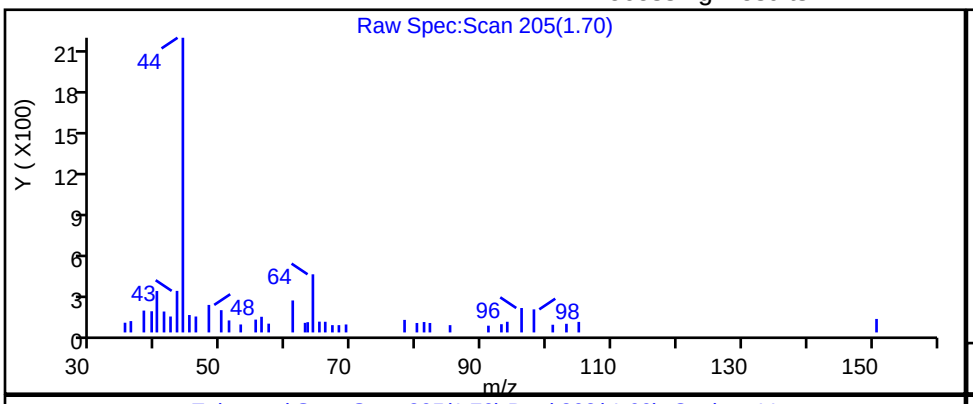
User Disabled Compound Report

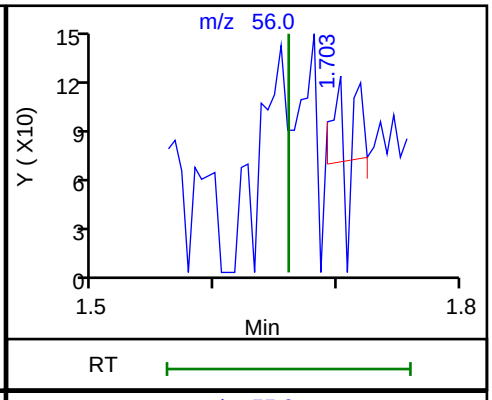
Eurofins TestAmerica, Edison

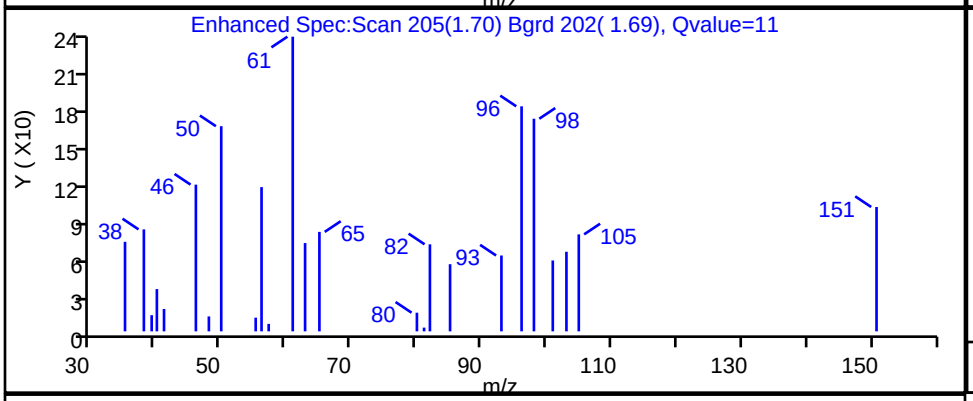
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

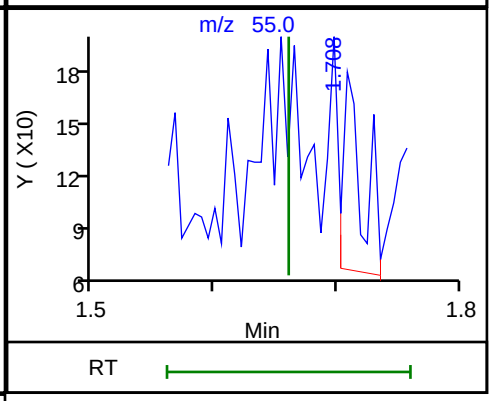
19 Acrolein, CAS: 107-02-8

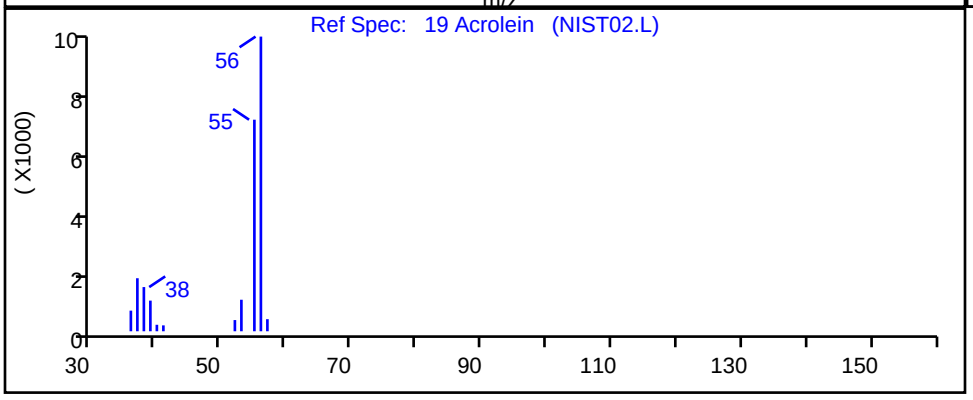
Processing Results











RT	Mass	Response	Amount
1.70	56.00	38	0.074999
1.71	55.00	122	

Reviewer: pakanatir, 30-Jul-2019 17:11:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

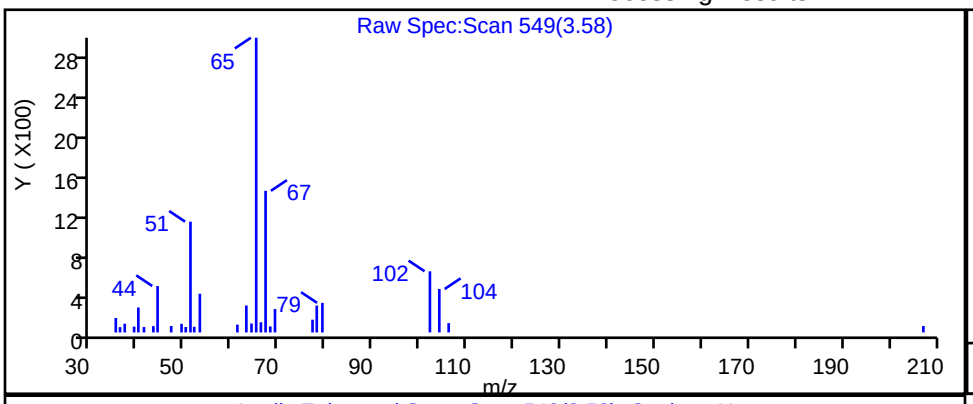
User Disabled Compound Report

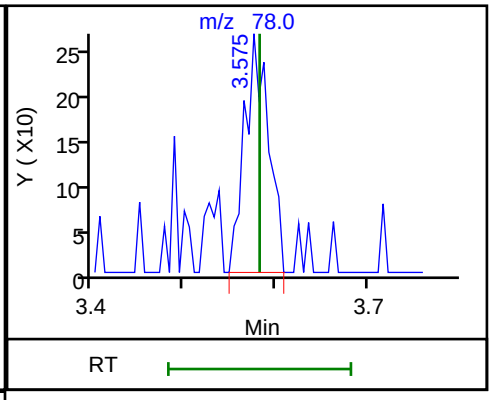
Eurofins TestAmerica, Edison

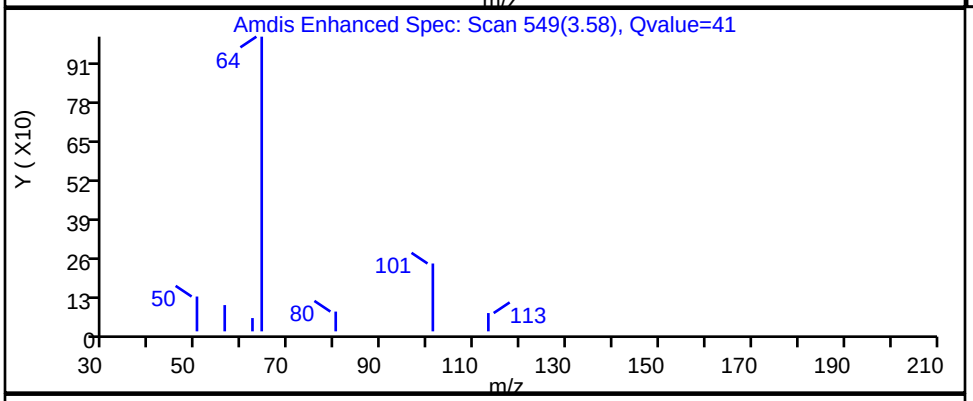
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

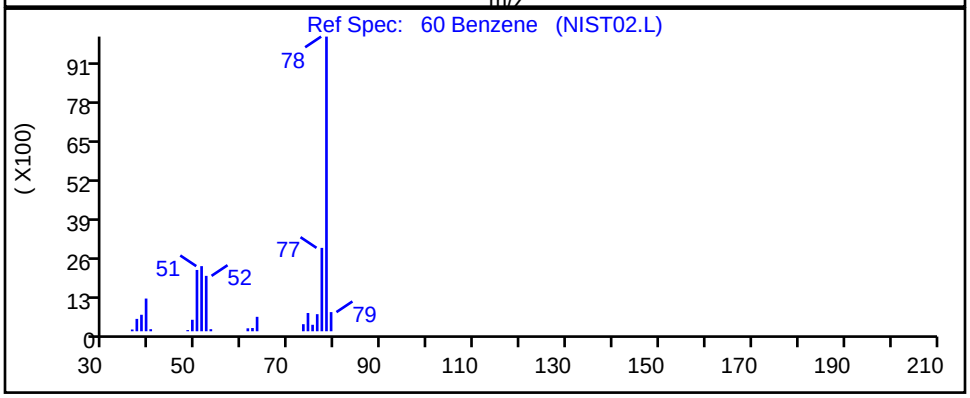
60 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
3.58	78.00	489	0.030960

Reviewer: pakanatir, 30-Jul-2019 17:12:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

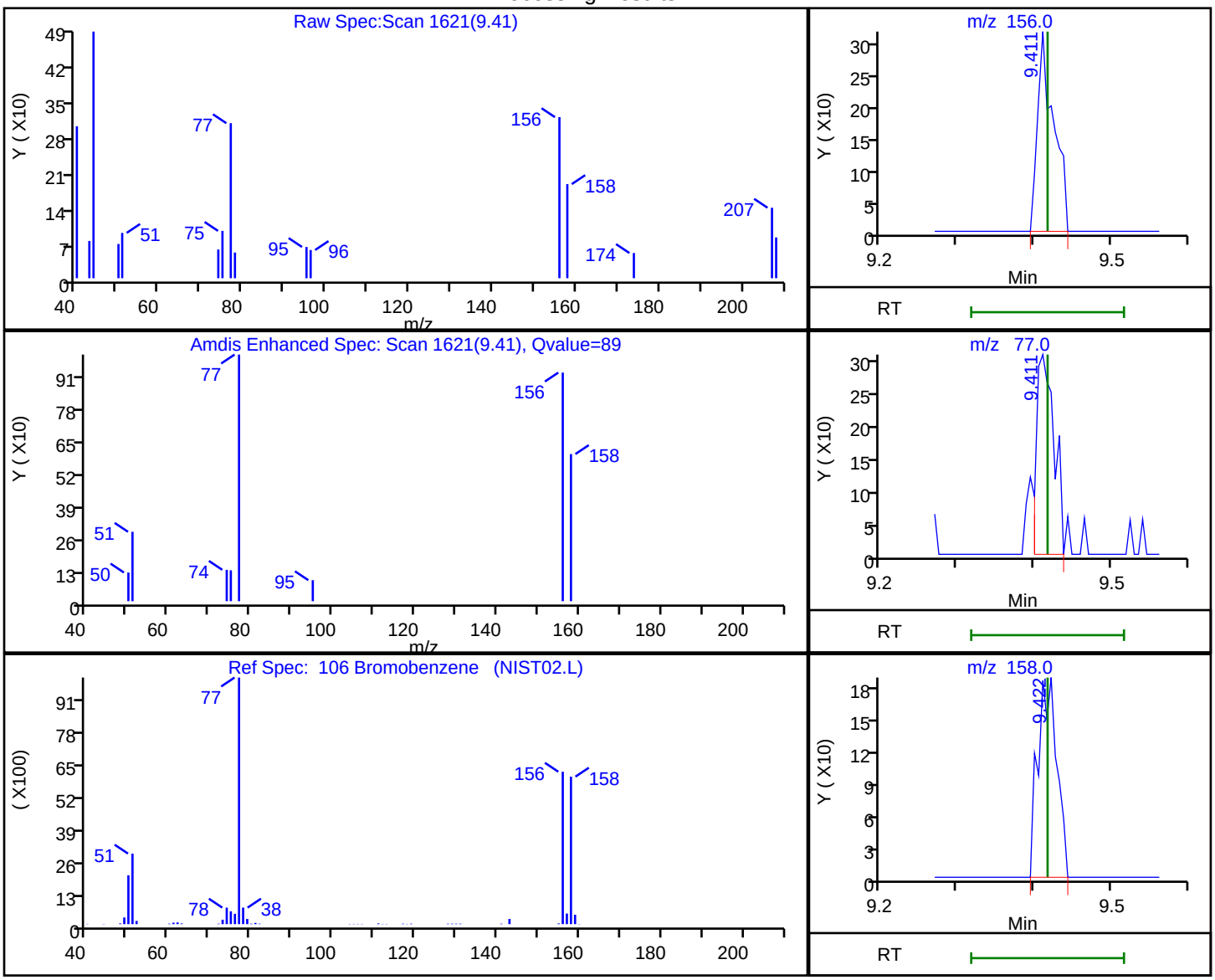
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.41	156.00	469	0.090694
9.41	77.00	491	
9.42	158.00	328	

Reviewer: pakanatir, 30-Jul-2019 17:12:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

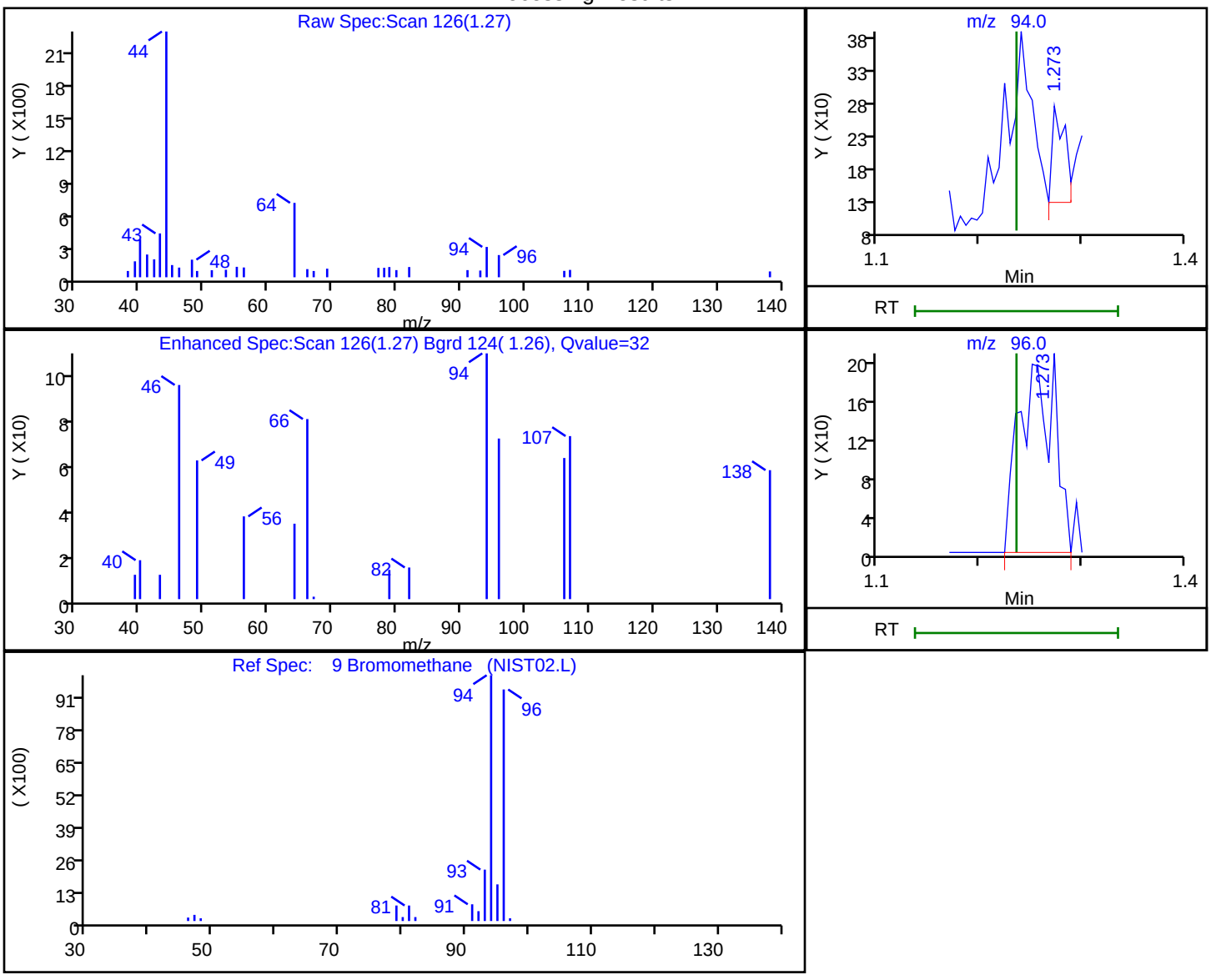
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.27	94.00	128	0.091526
1.27	96.00	461	

Reviewer: pakanatir, 30-Jul-2019 17:11:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

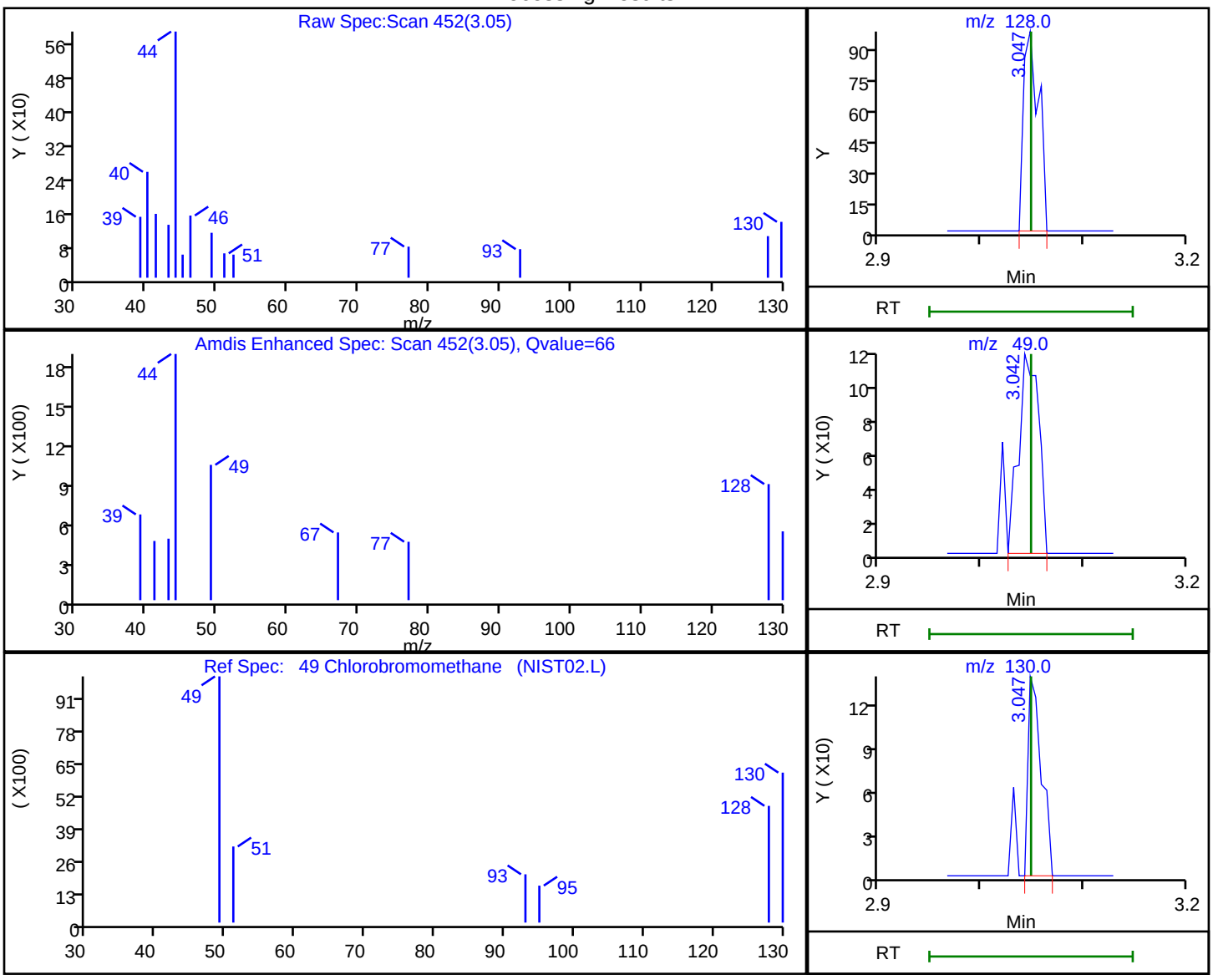
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

49 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
3.05	128.00	103	0.043645
3.04	49.00	165	
3.05	130.00	121	

Reviewer: pakanatir, 30-Jul-2019 17:12:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

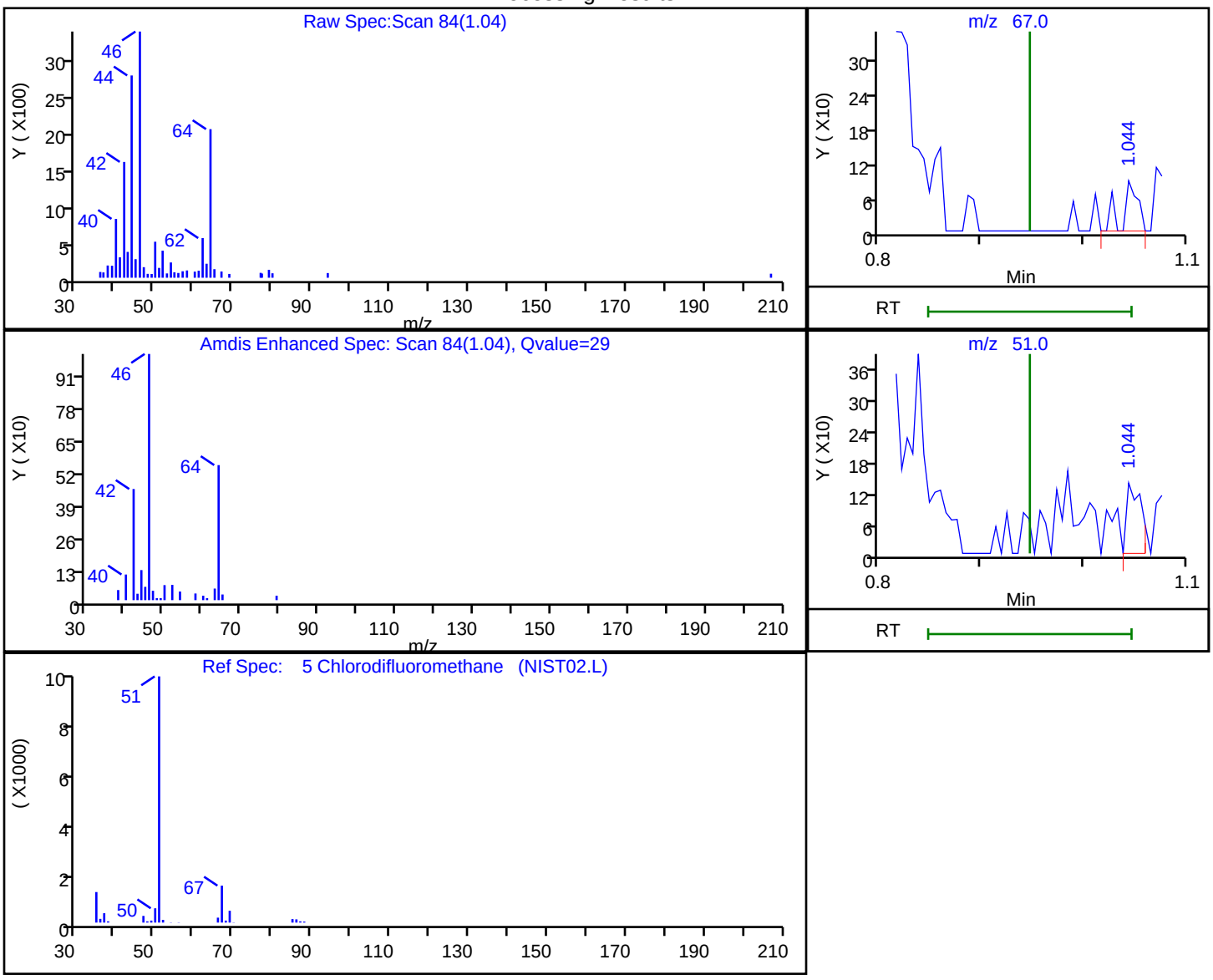
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.04	67.00	87	0.088060
1.04	51.00	132	

Reviewer: pakanatir, 30-Jul-2019 17:11:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

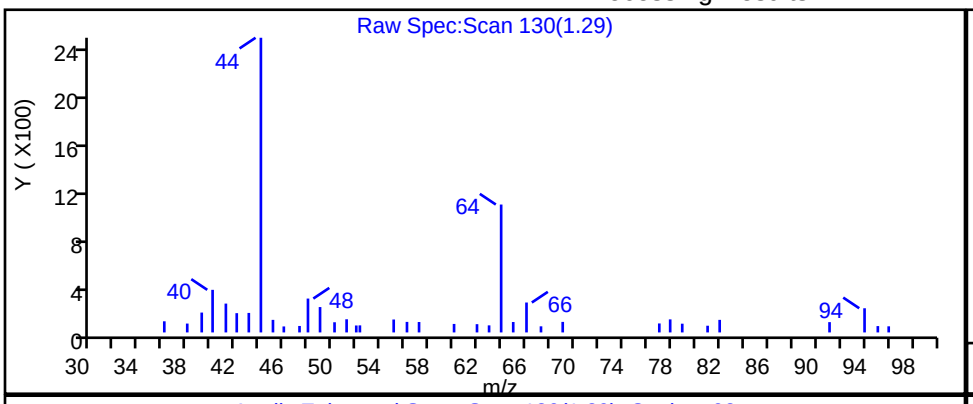
User Disabled Compound Report

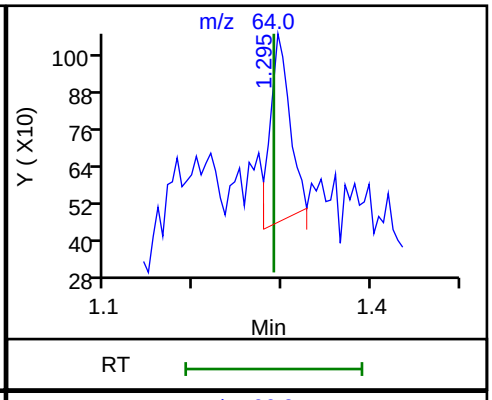
Eurofins TestAmerica, Edison

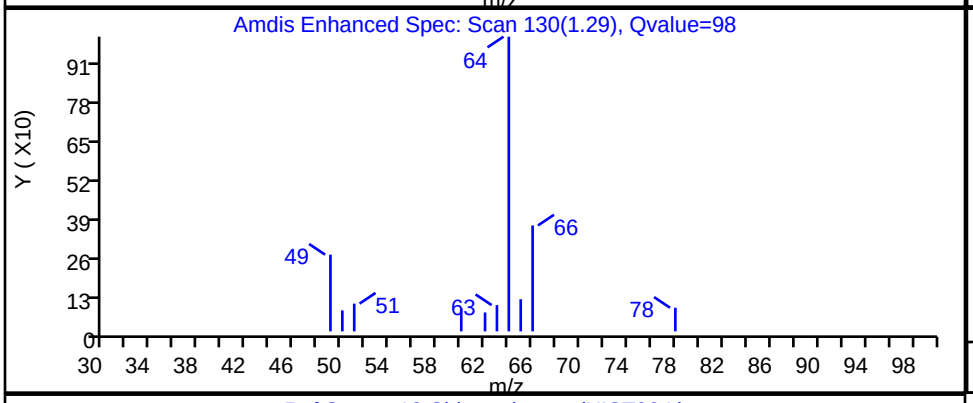
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

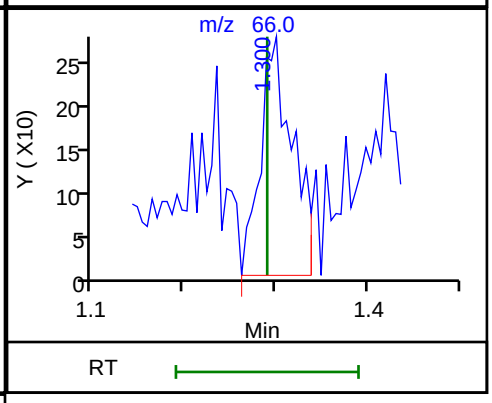
10 Chloroethane, CAS: 75-00-3

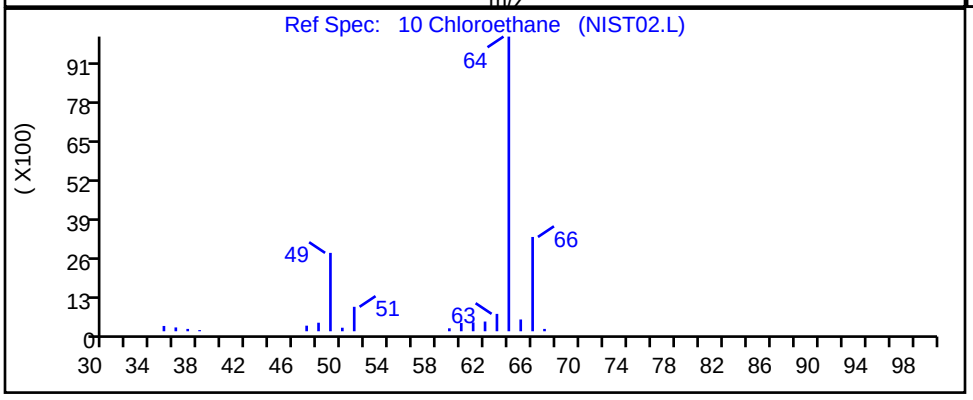
Processing Results











RT	Mass	Response	Amount
1.29	64.00	948	0.356669
1.30	66.00	681	

Reviewer: pakanatir, 30-Jul-2019 17:11:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

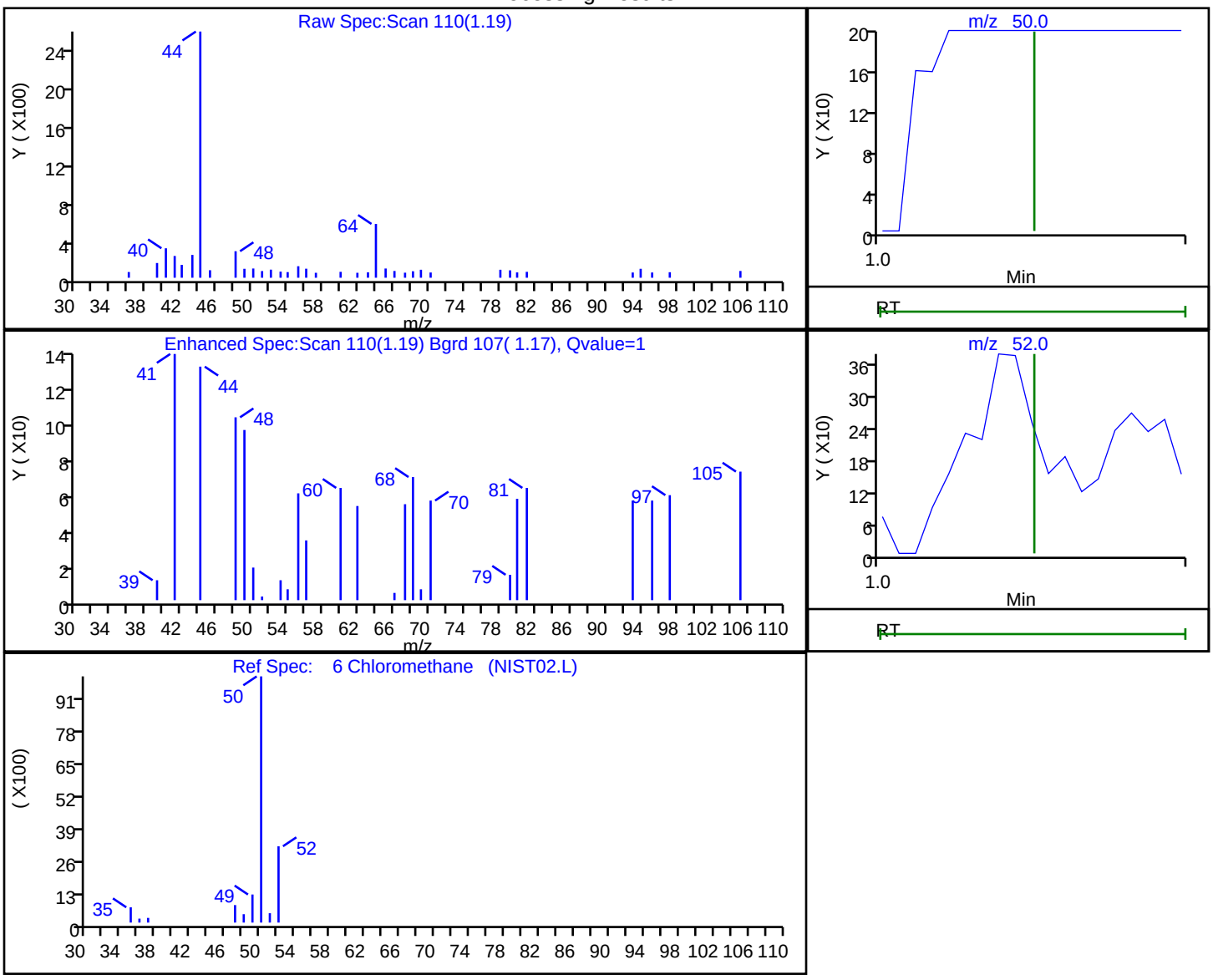
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.19	50.00	83	0.019783
1.17	52.00	121	

Reviewer: pakanatir, 30-Jul-2019 17:11:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

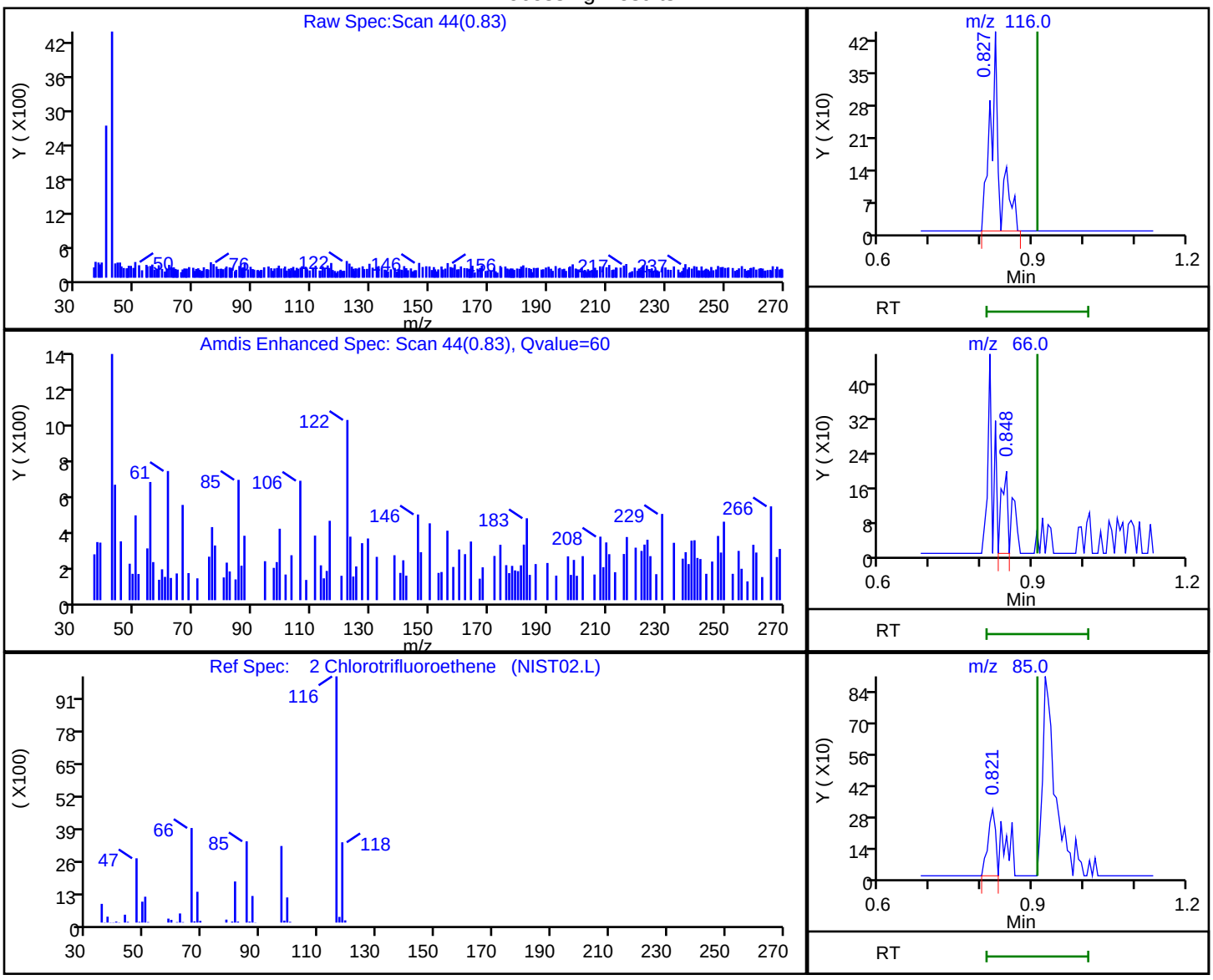
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
0.83	116.00	545	0.319160
0.85	66.00	157	
0.82	85.00	307	
0.82	118.00	716	

Reviewer: pakanatir, 30-Jul-2019 17:11:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

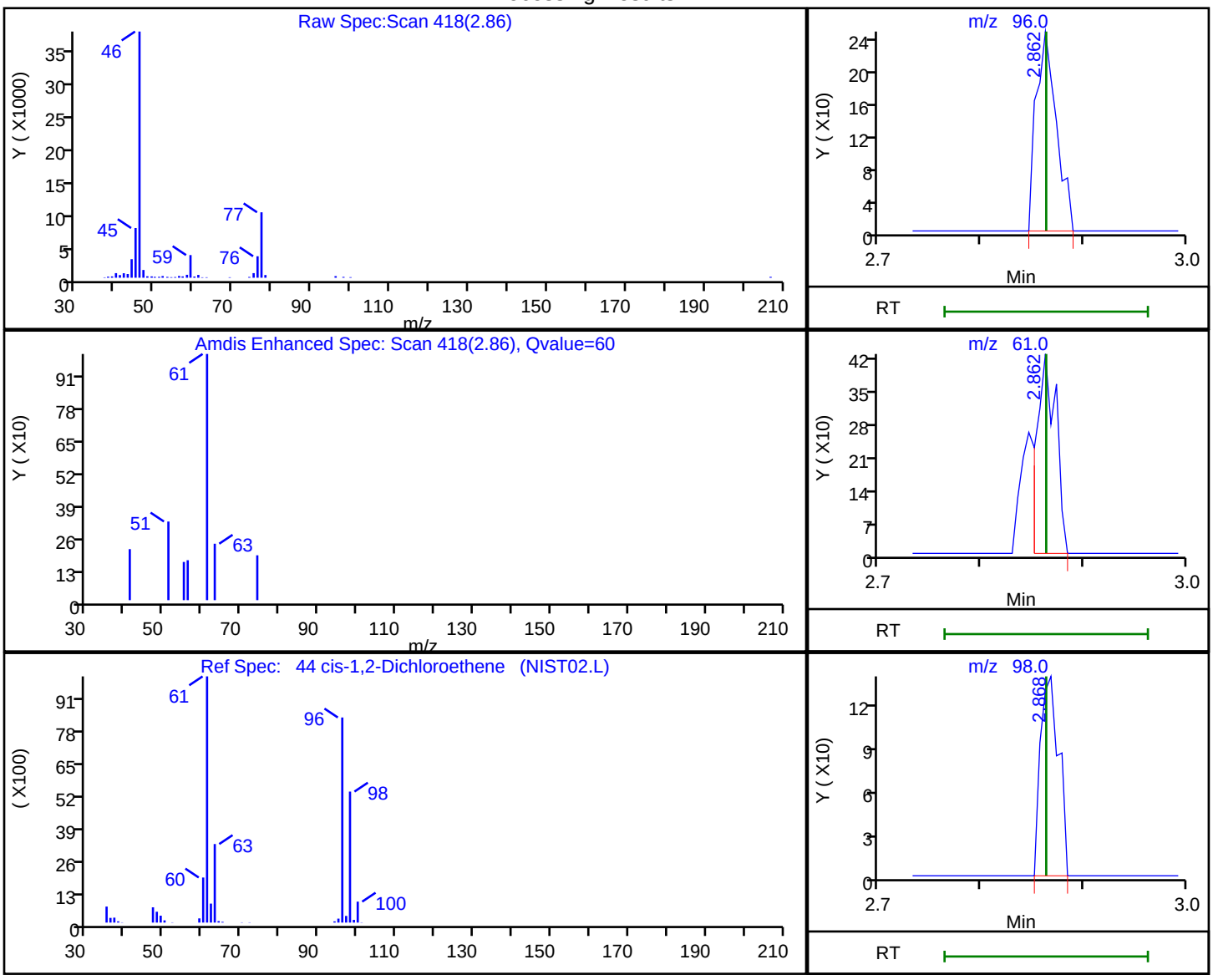
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
2.86	96.00	342	0.073387
2.86	61.00	557	
2.87	98.00	172	

Reviewer: pakanatir, 30-Jul-2019 17:12:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

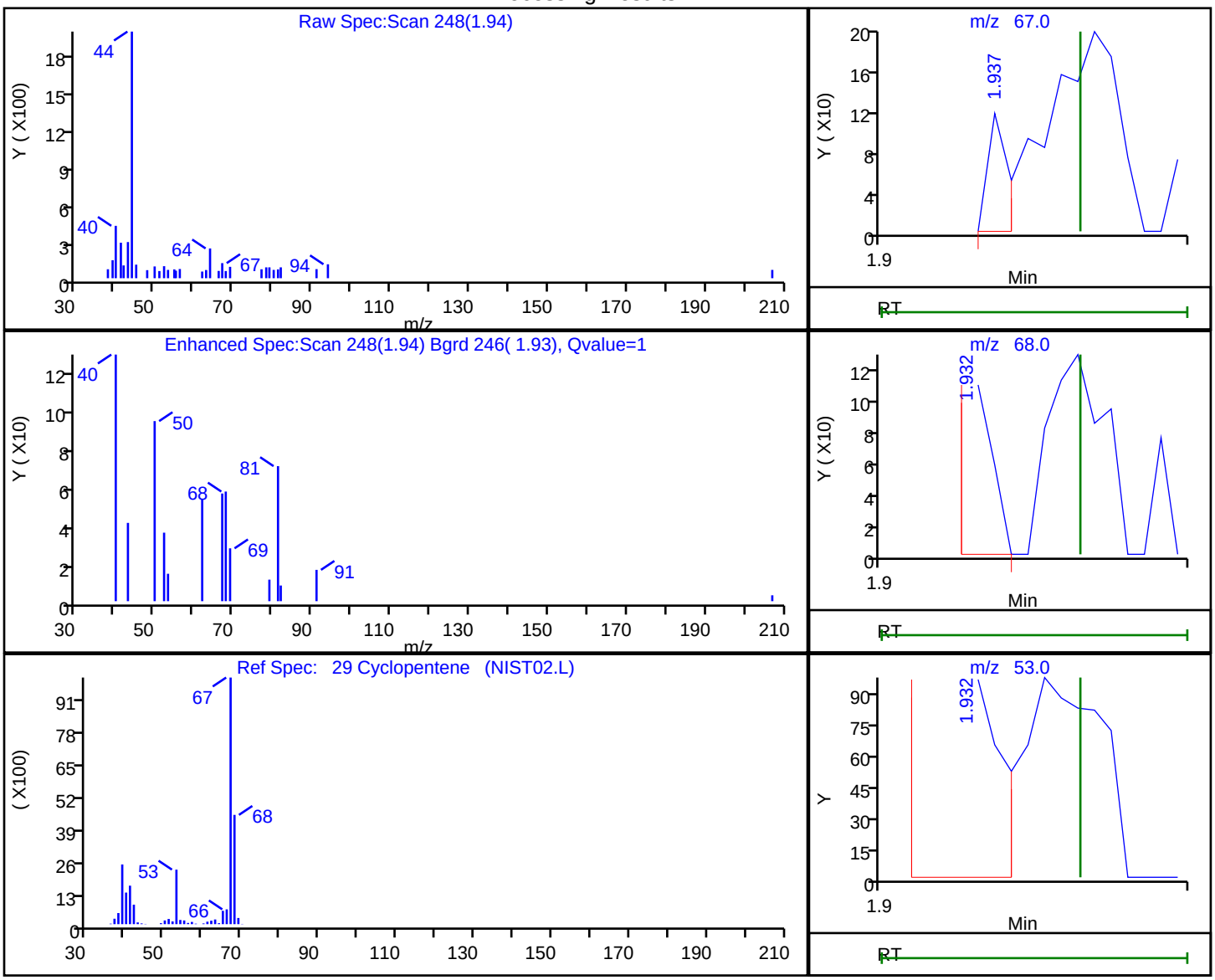
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
1.94	67.00	55	0.005877
1.93	68.00	53	
1.93	53.00	110	

Reviewer: pakanatir, 30-Jul-2019 17:12:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

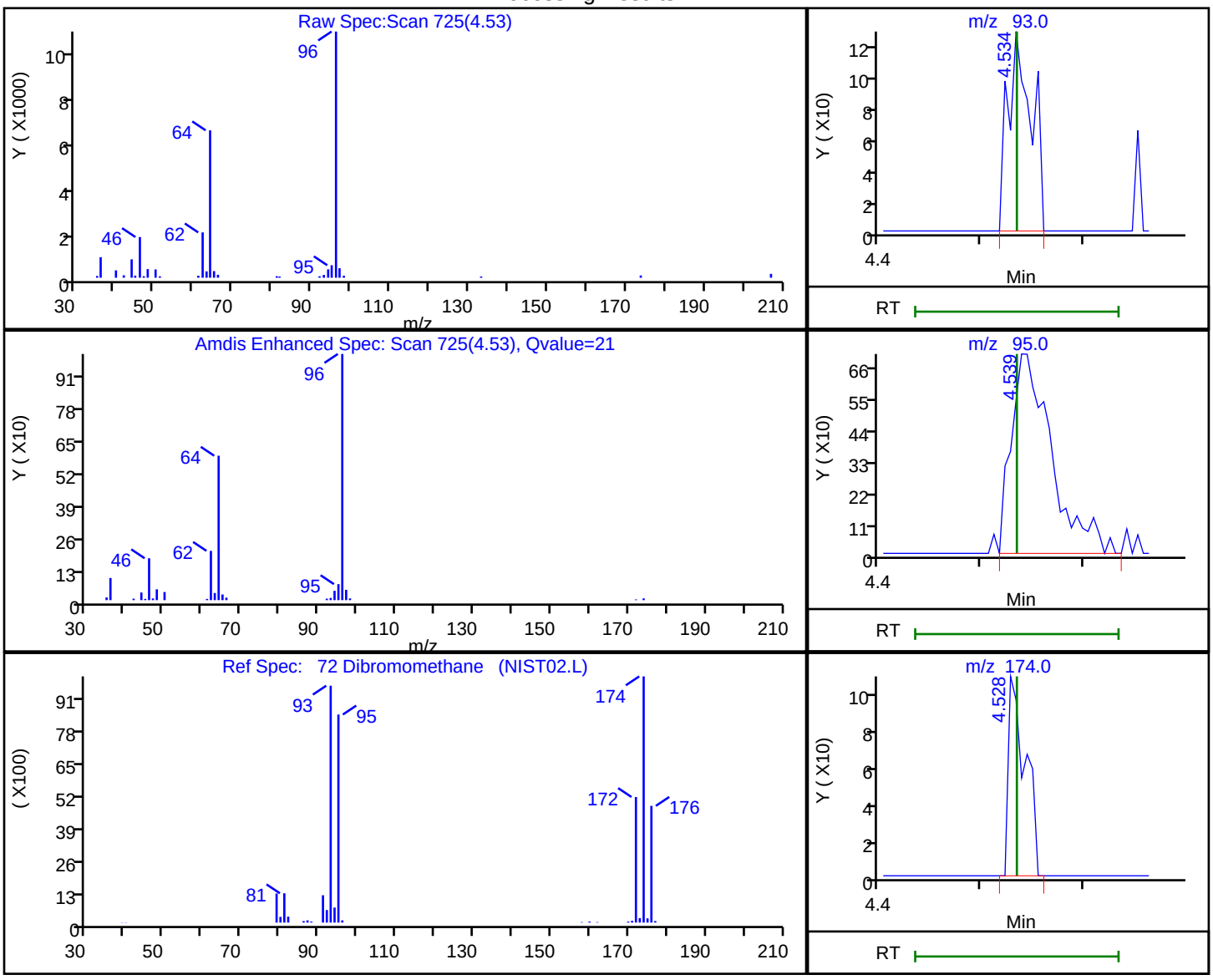
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D		
Injection Date:	30-Jul-2019 12:49:30	Instrument ID:	CVOAMS16
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

72 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
4.53	93.00	194	0.071130
4.54	95.00	1929	
4.53	174.00	126	

Reviewer: pakanatir, 30-Jul-2019 17:12:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

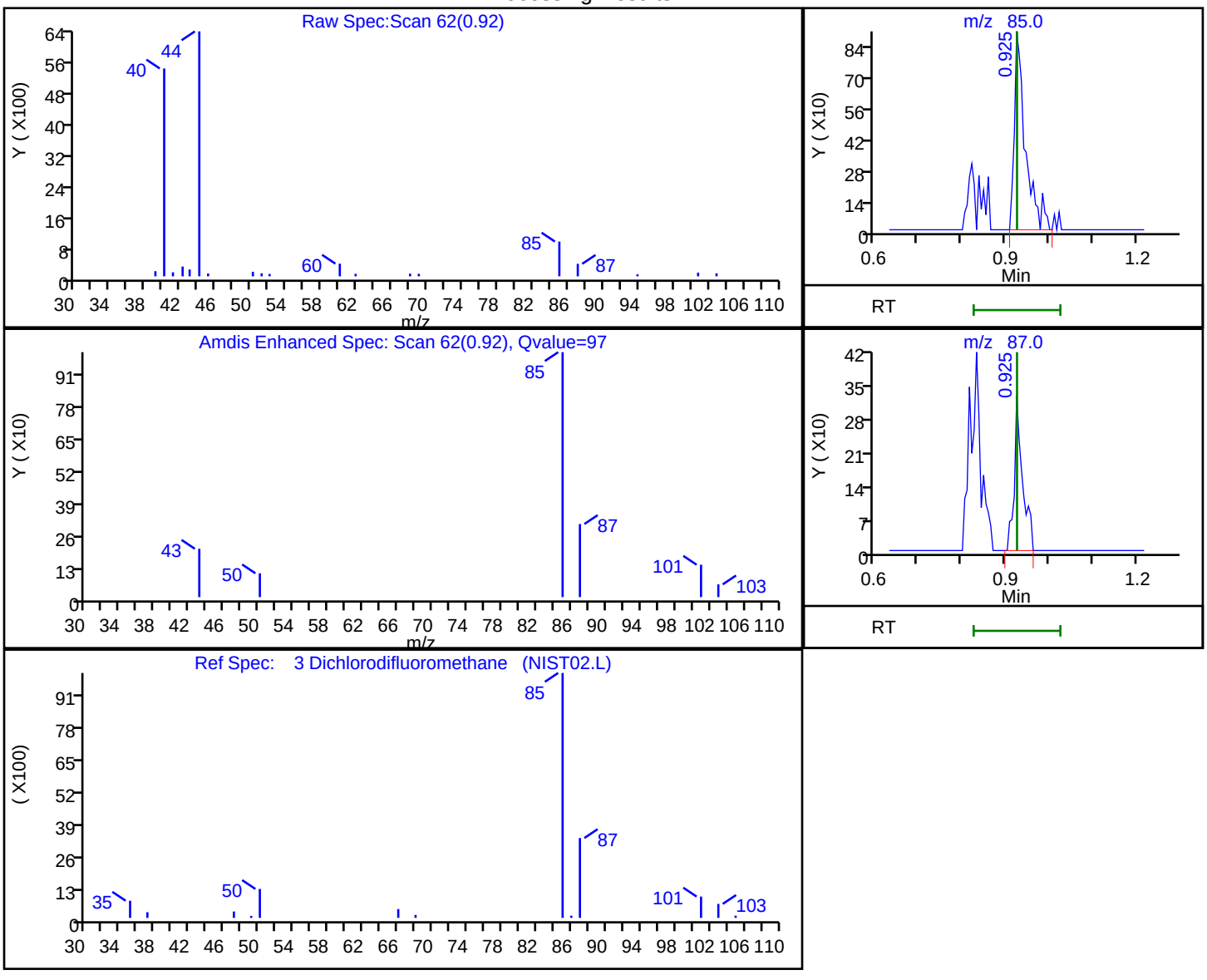
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.92	85.00	1594	0.213619
0.92	87.00	433	

Reviewer: pakanatir, 30-Jul-2019 17:11:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

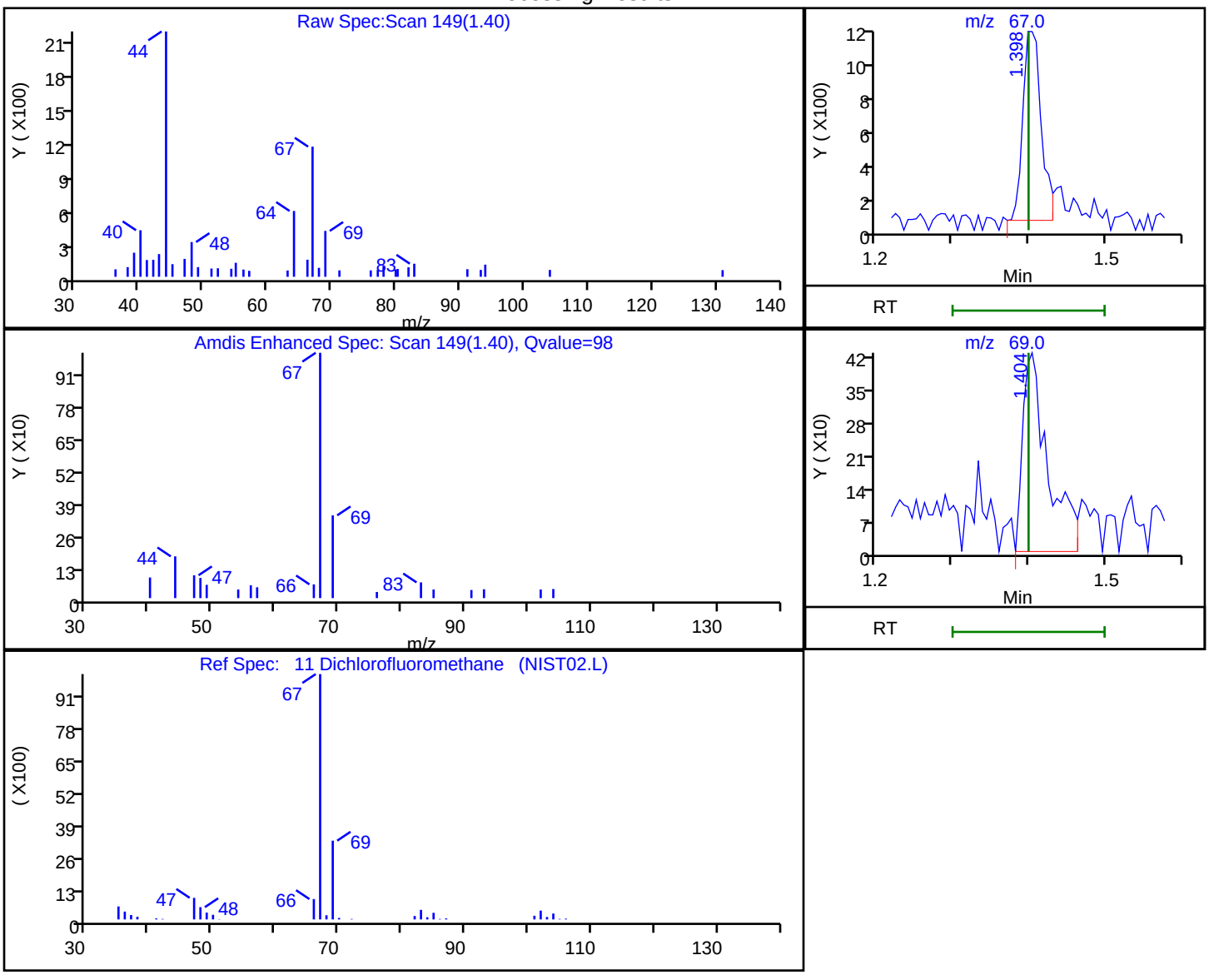
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.40	67.00	1821	0.234939
1.40	69.00	969	

Reviewer: pakanatir, 30-Jul-2019 17:11:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

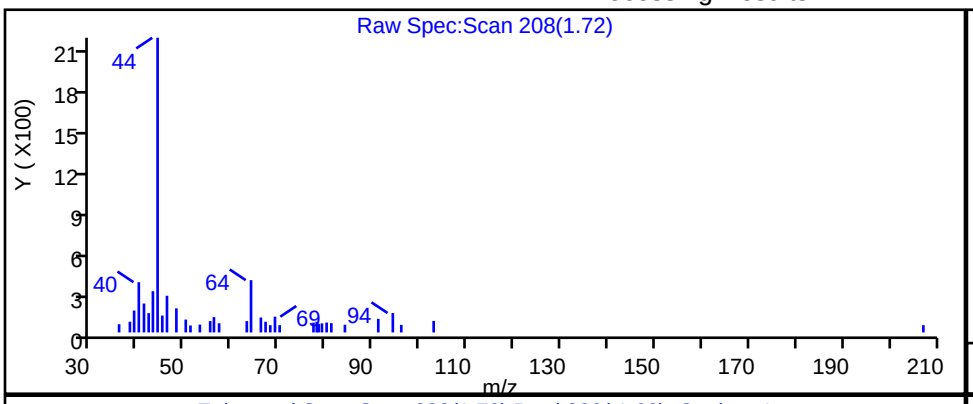
User Disabled Compound Report

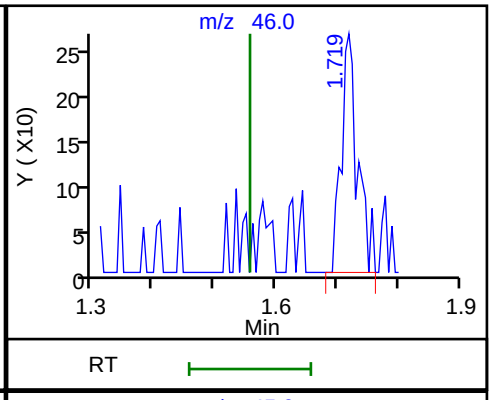
Eurofins TestAmerica, Edison

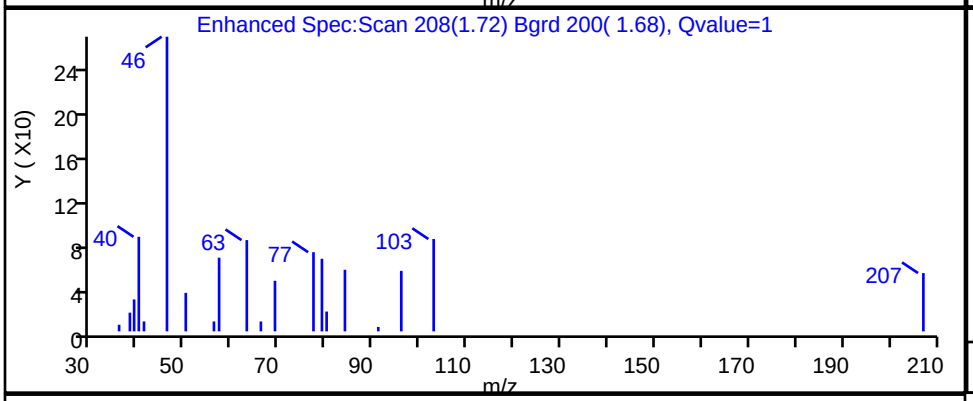
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

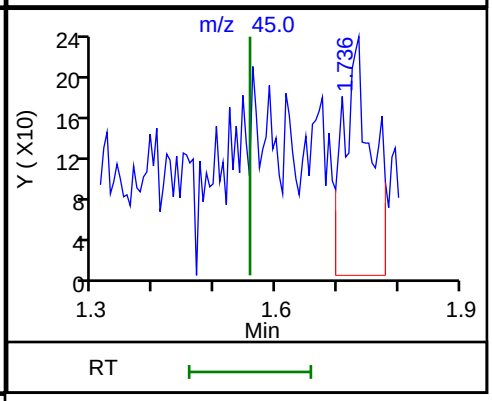
14 Ethanol, CAS: 64-17-5

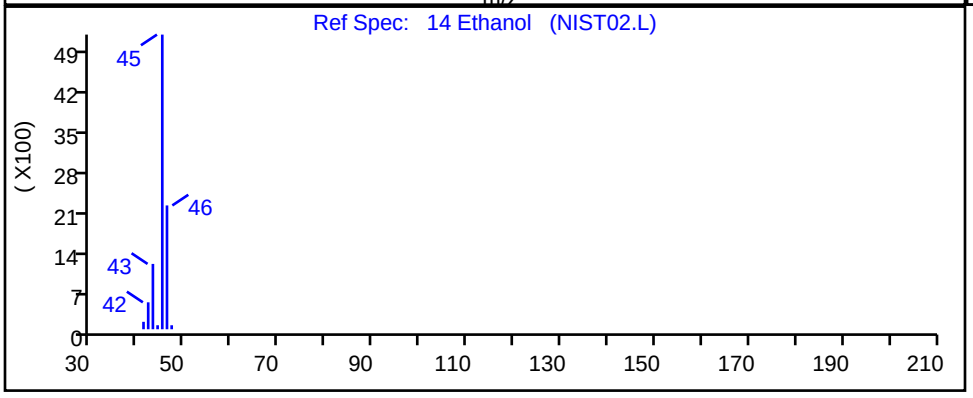
Processing Results











RT	Mass	Response	Amount
1.72	46.00	498	22.006399
1.74	45.00	756	

Reviewer: pakanatir, 30-Jul-2019 17:11:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

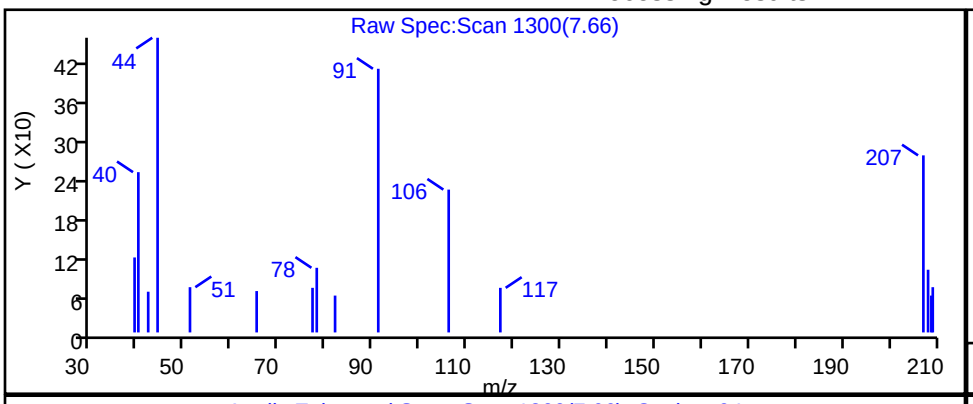
User Disabled Compound Report

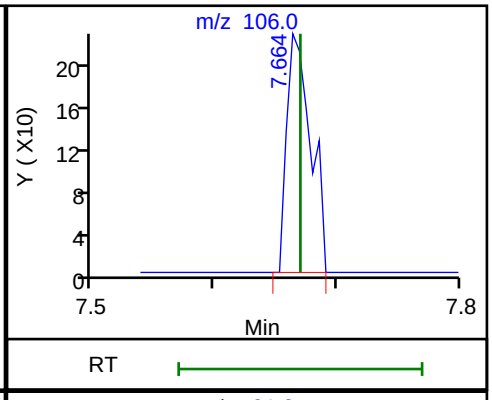
Eurofins TestAmerica, Edison

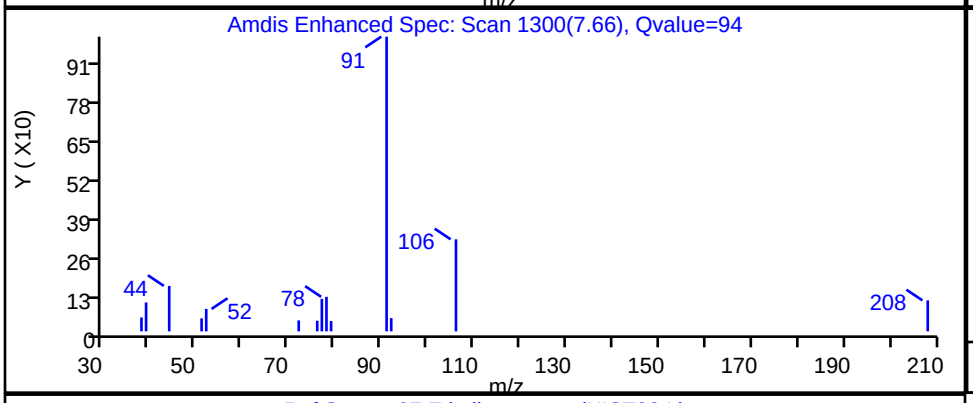
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

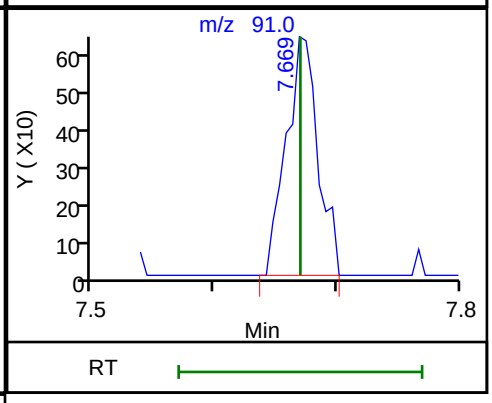
97 Ethylbenzene, CAS: 100-41-4

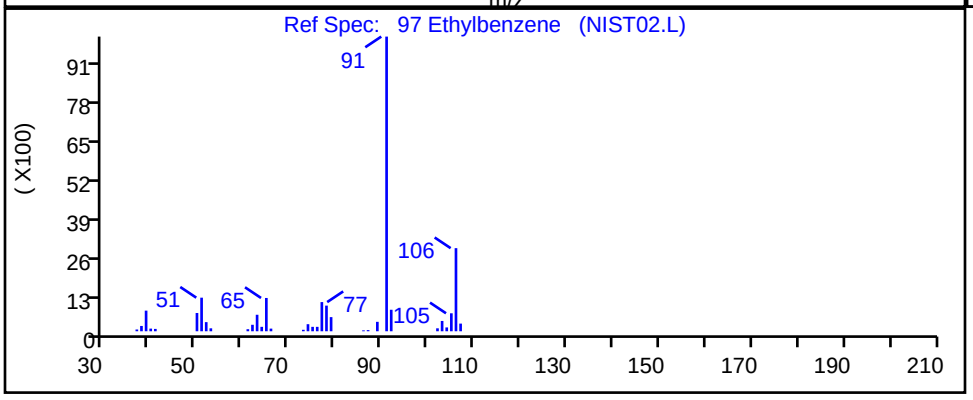
Processing Results











RT	Mass	Response	Amount
7.66	106.00	301	0.048750
7.67	91.00	1165	

Reviewer: pakanatir, 30-Jul-2019 17:12:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

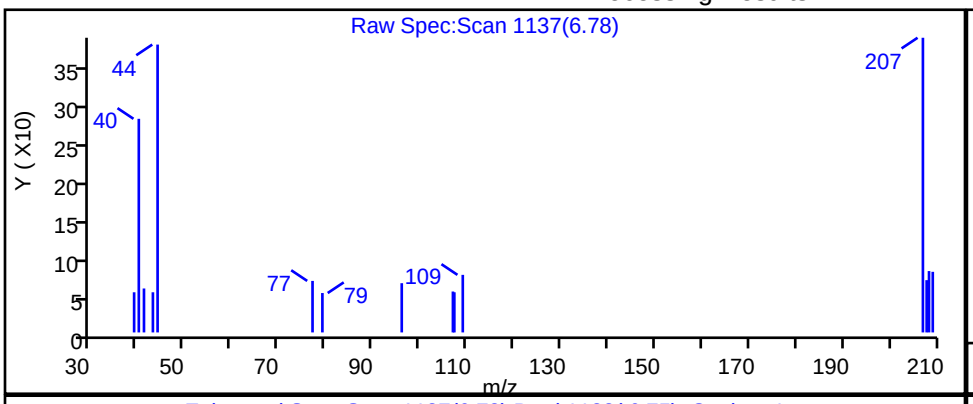
User Disabled Compound Report

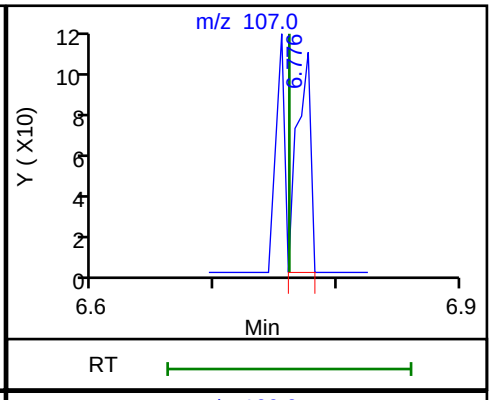
Eurofins TestAmerica, Edison

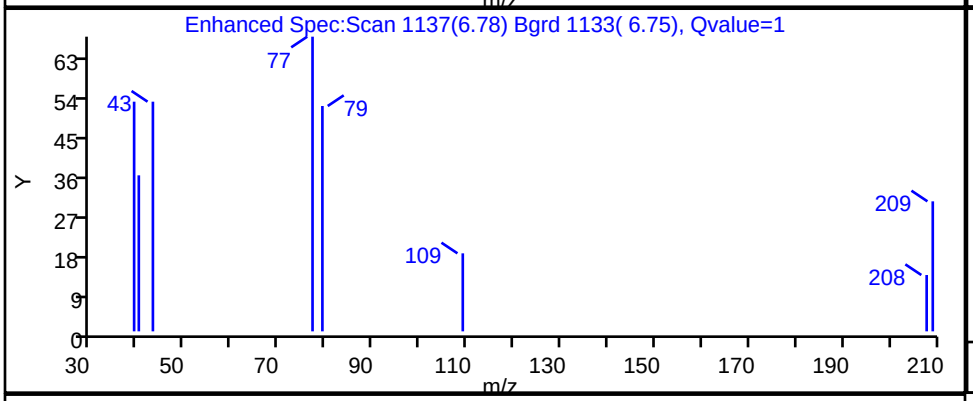
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

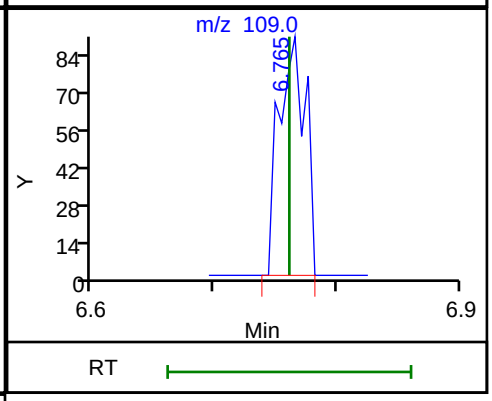
93 Ethylene Dibromide, CAS: 106-93-4

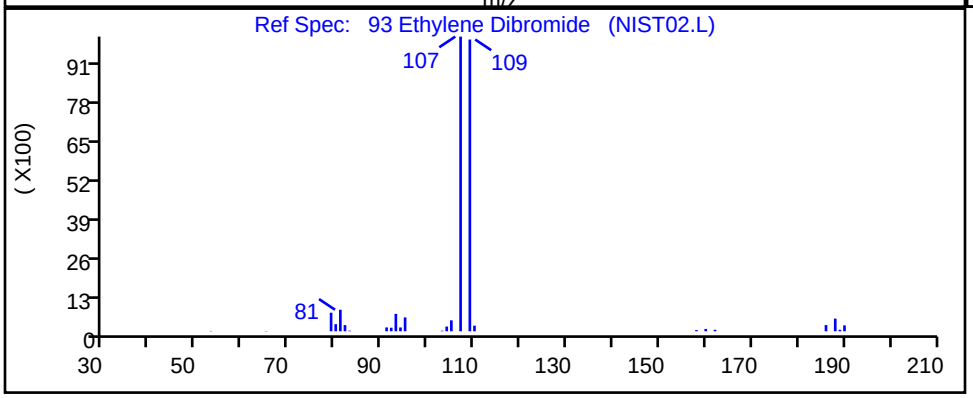
Processing Results











RT	Mass	Response	Amount
6.78	107.00	83	0.021093
6.77	109.00	138	

Reviewer: pakanatir, 30-Jul-2019 17:12:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

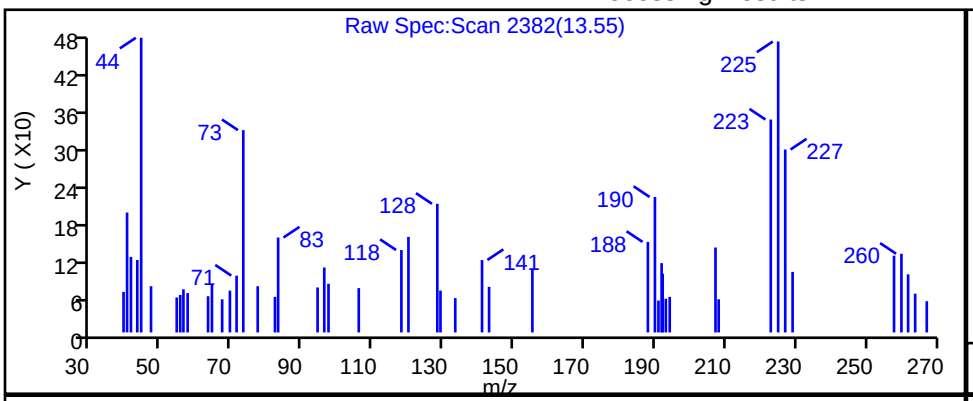
User Disabled Compound Report

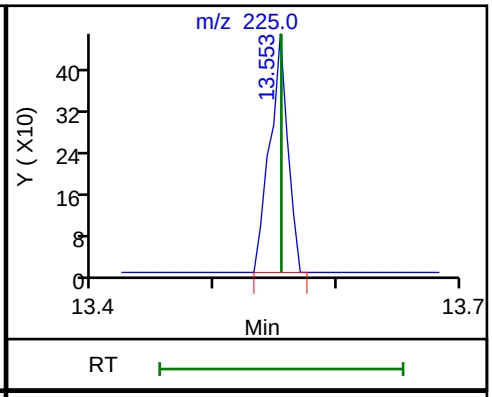
Eurofins TestAmerica, Edison

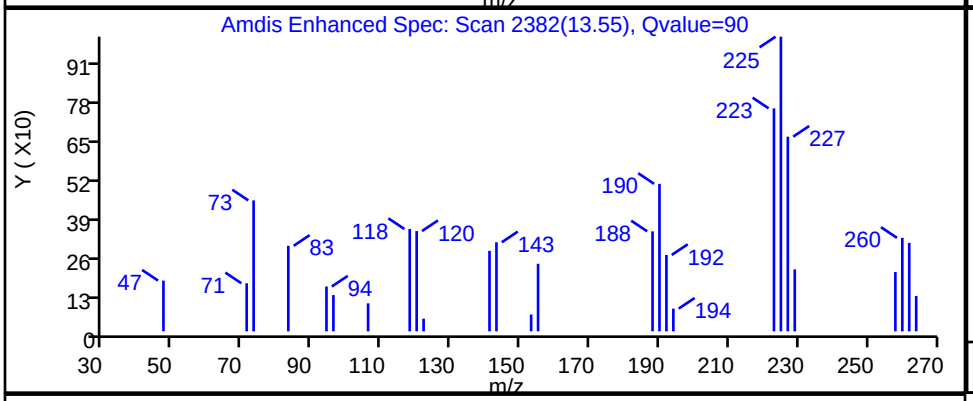
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

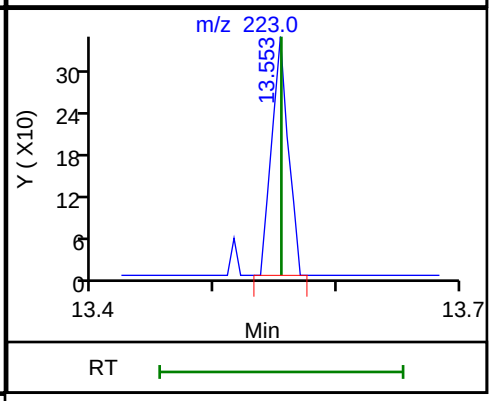
133 Hexachlorobutadiene, CAS: 87-68-3

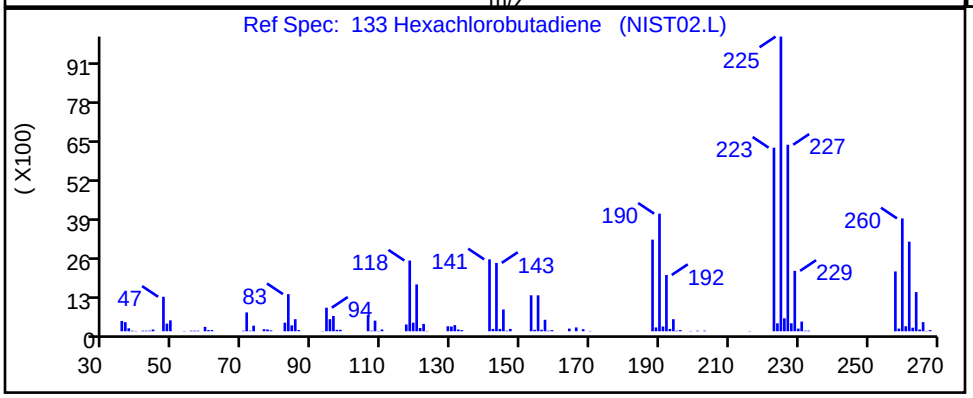
Processing Results











RT	Mass	Response	Amount
13.55	225.00	474	0.213608
13.55	223.00	321	

Reviewer: pakanatir, 30-Jul-2019 17:13:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

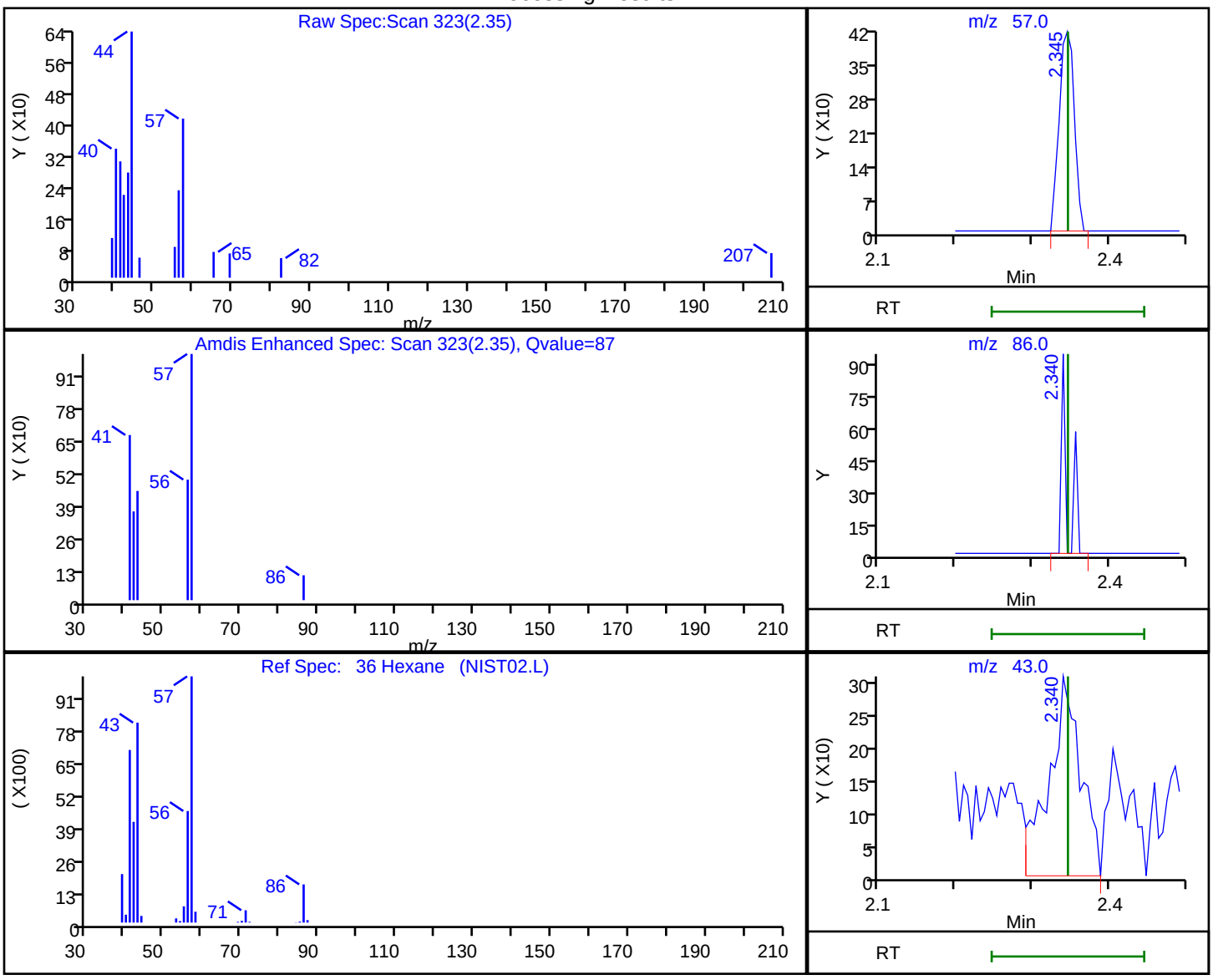
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.35	57.00	570	0.122566
2.34	86.00	50	
2.34	43.00	892	
2.35	56.00	328	

Reviewer: pakanatir, 30-Jul-2019 17:12:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

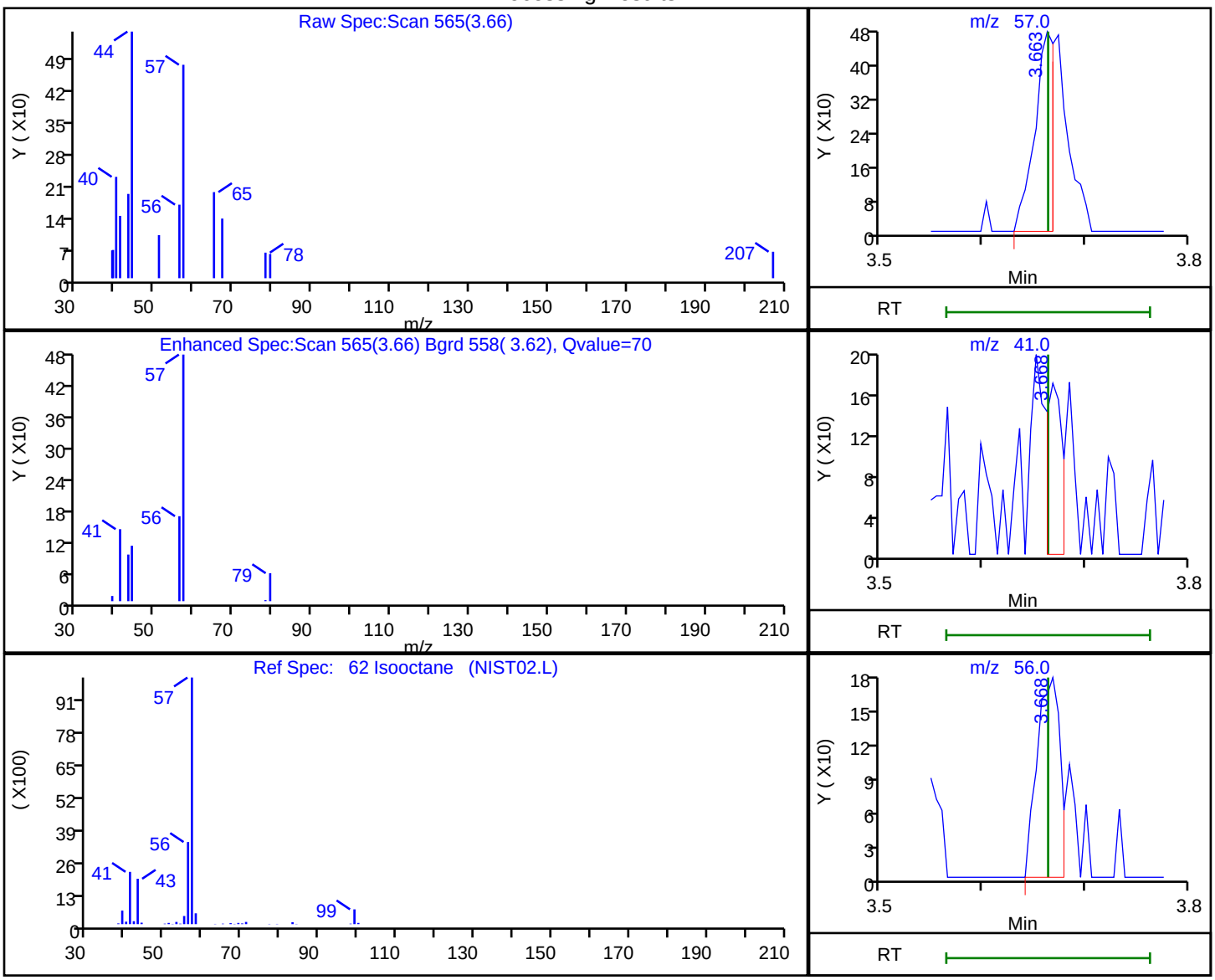
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.66	57.00	628	0.069325
3.67	41.00	180	
3.67	56.00	283	

Reviewer: pakanatir, 30-Jul-2019 17:12:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

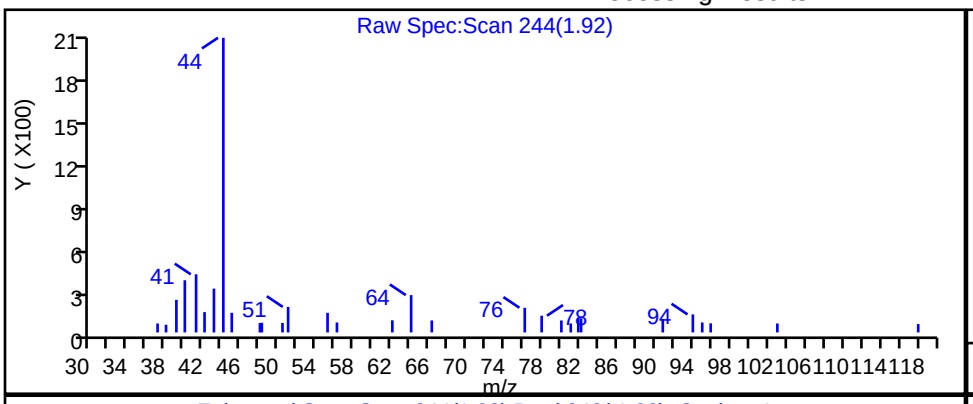
User Disabled Compound Report

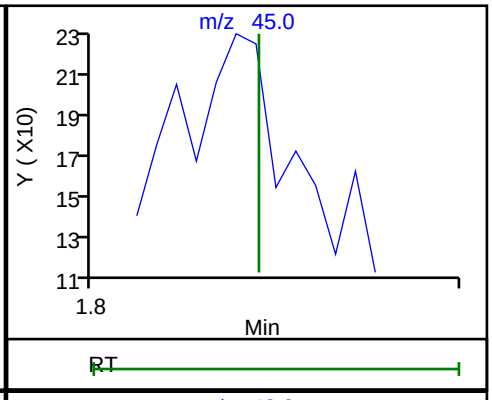
Eurofins TestAmerica, Edison

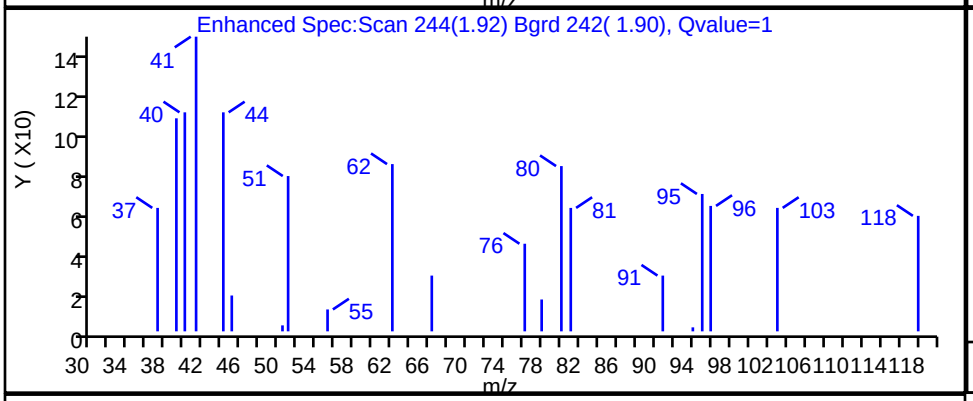
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

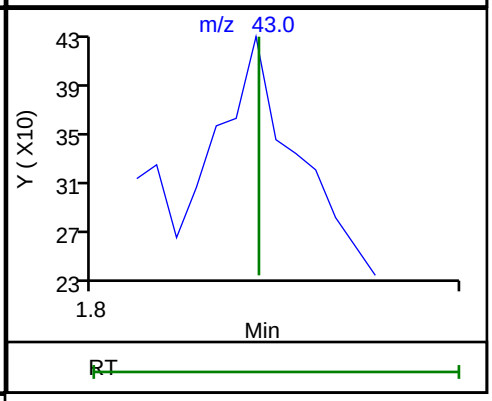
25 Isopropyl alcohol, CAS: 67-63-0

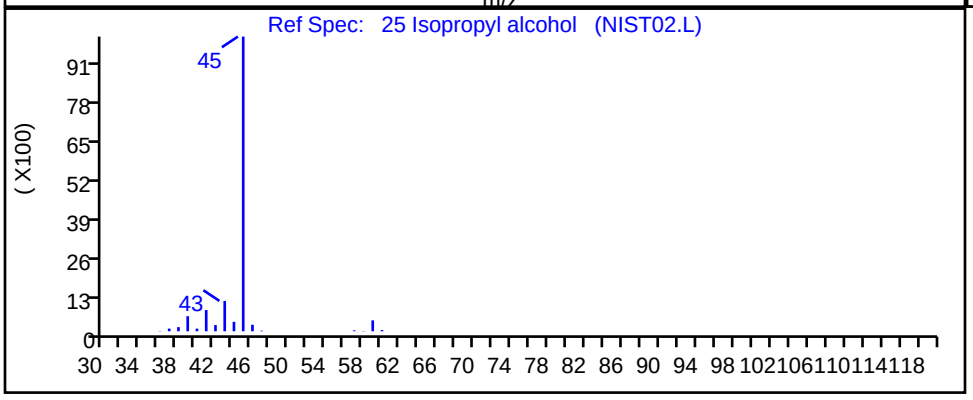
Processing Results











RT	Mass	Response	Amount
1.92	45.00	40	0.179860
1.92	43.00	52	

Reviewer: pakanatir, 30-Jul-2019 17:12:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

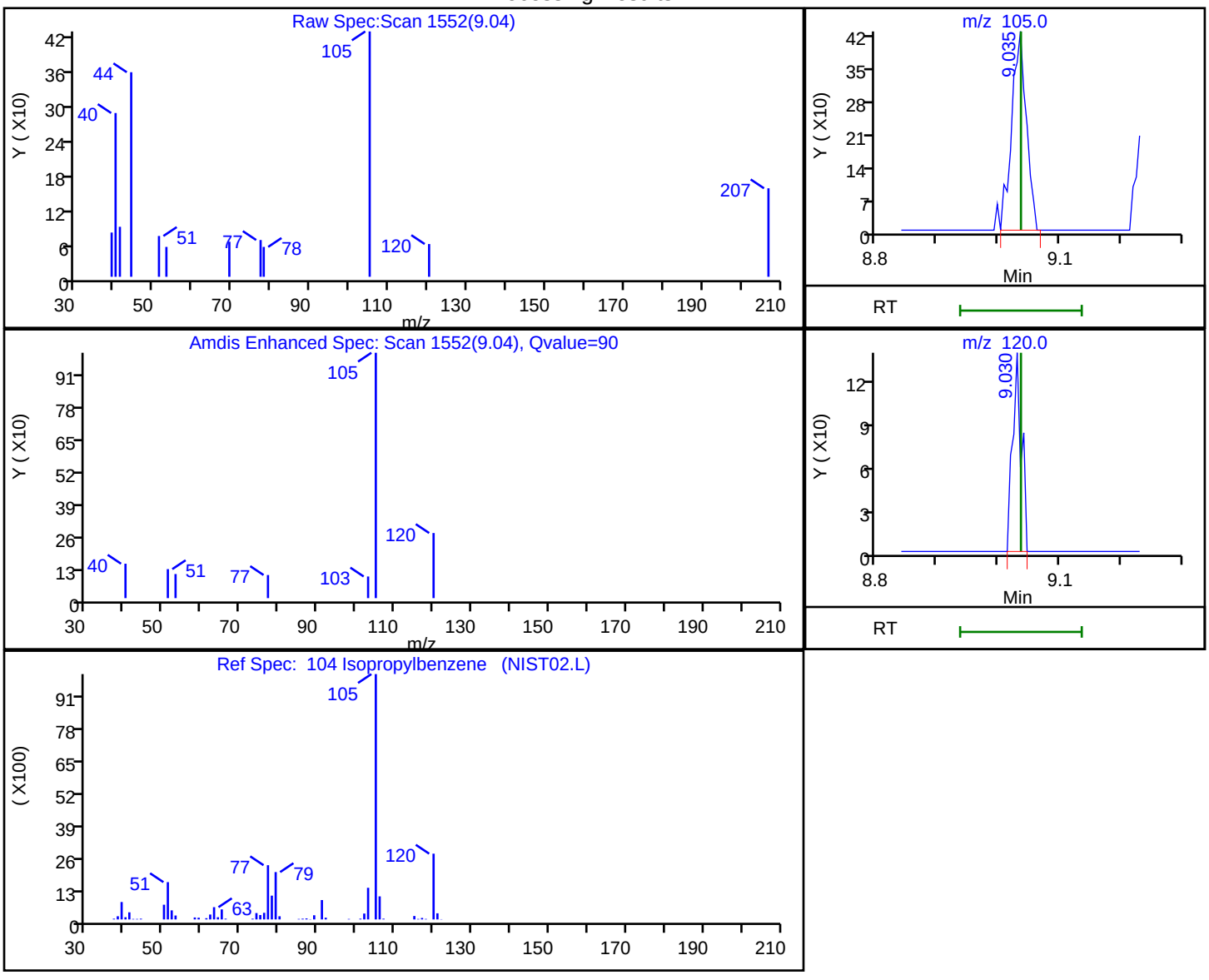
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

104 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
9.04	105.00	711	0.039564
9.03	120.00	136	

Reviewer: pakanatir, 30-Jul-2019 17:12:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

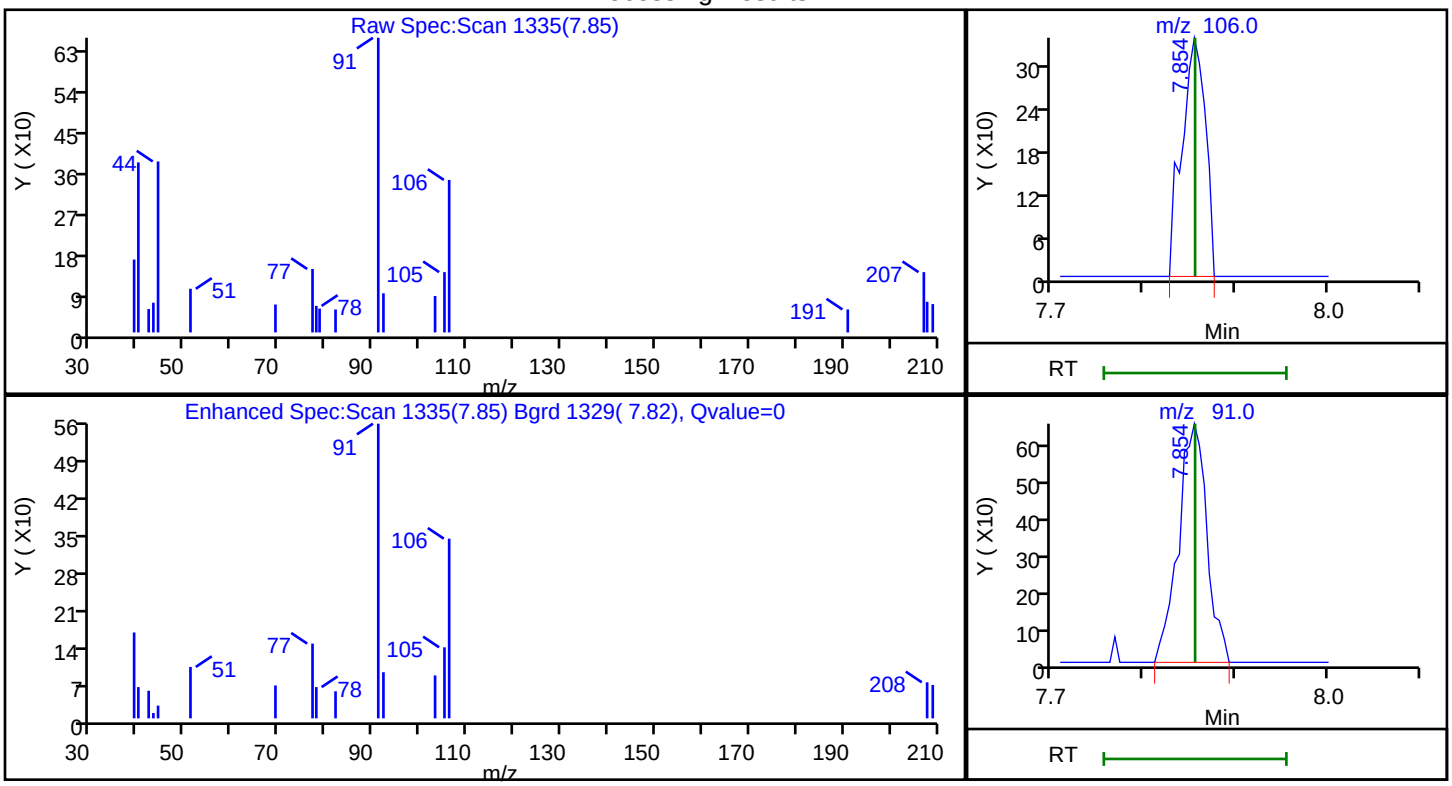
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
7.85	106.00	604	0.078755
7.85	91.00	1416	

Reviewer: pakanatir, 30-Jul-2019 17:12:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

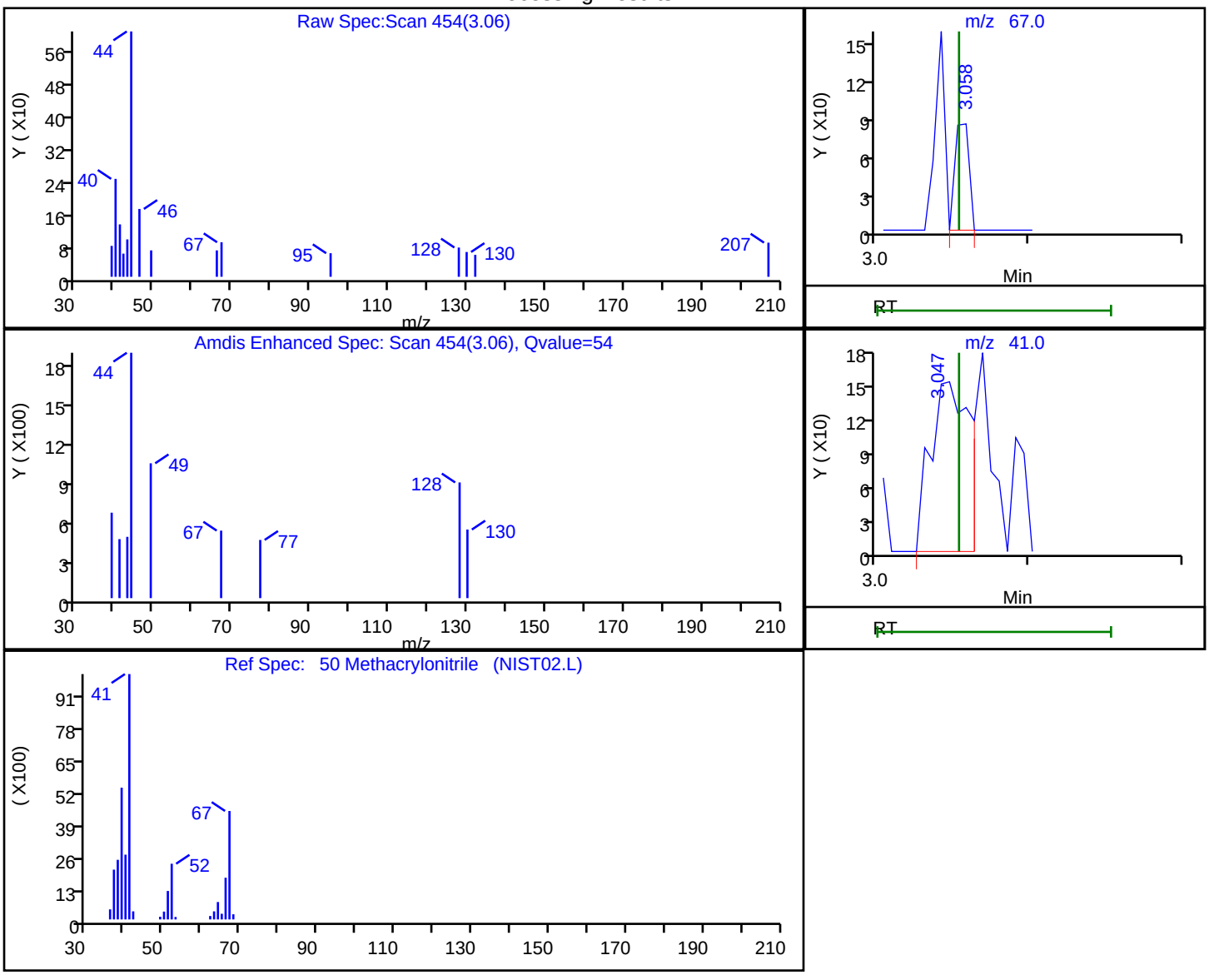
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

50 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.06	67.00	55	0.033991
3.05	41.00	276	

Reviewer: pakanatir, 30-Jul-2019 17:12:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

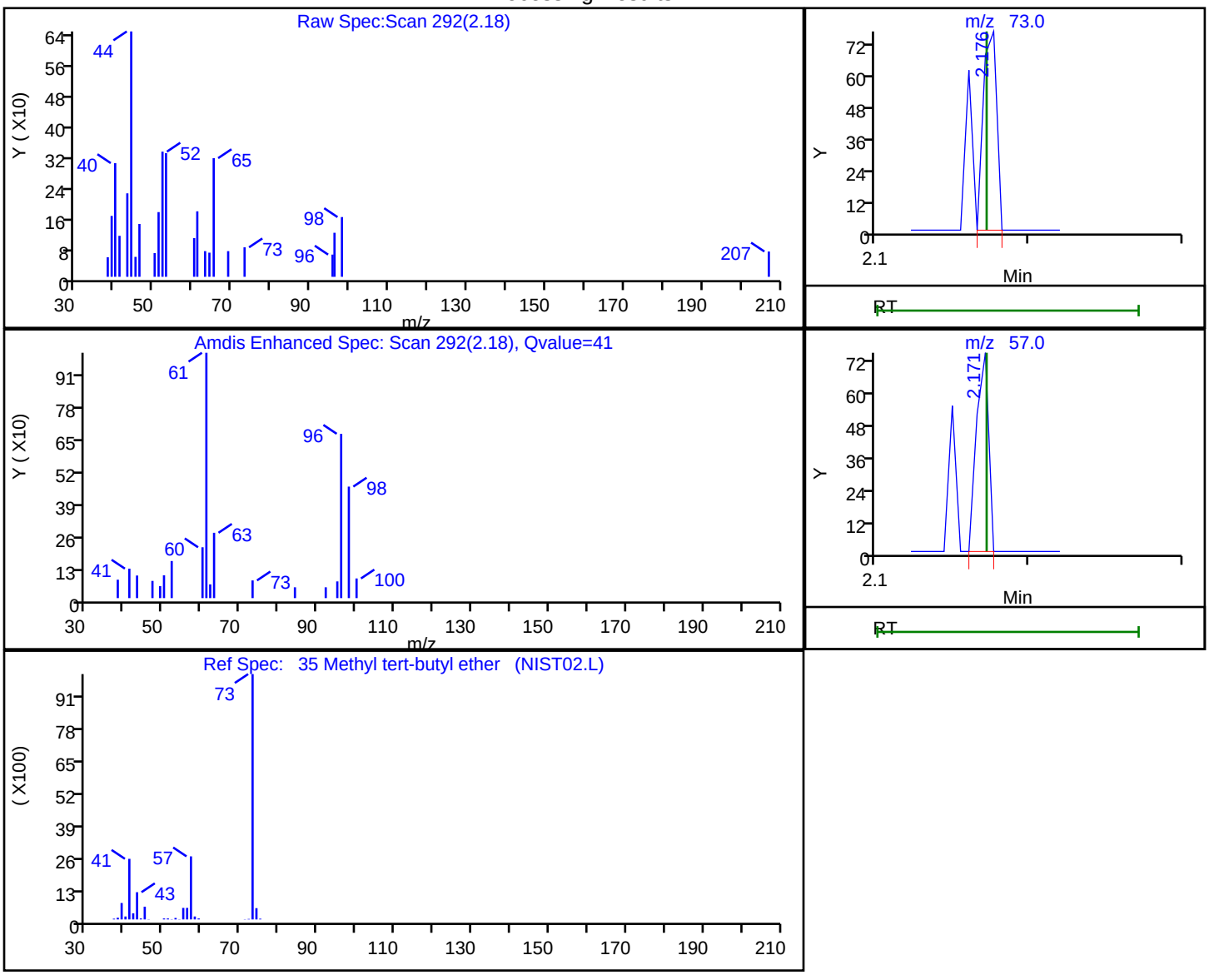
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
2.18	73.00	47	0.004462
2.17	57.00	41	

Reviewer: pakanatir, 30-Jul-2019 17:12:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

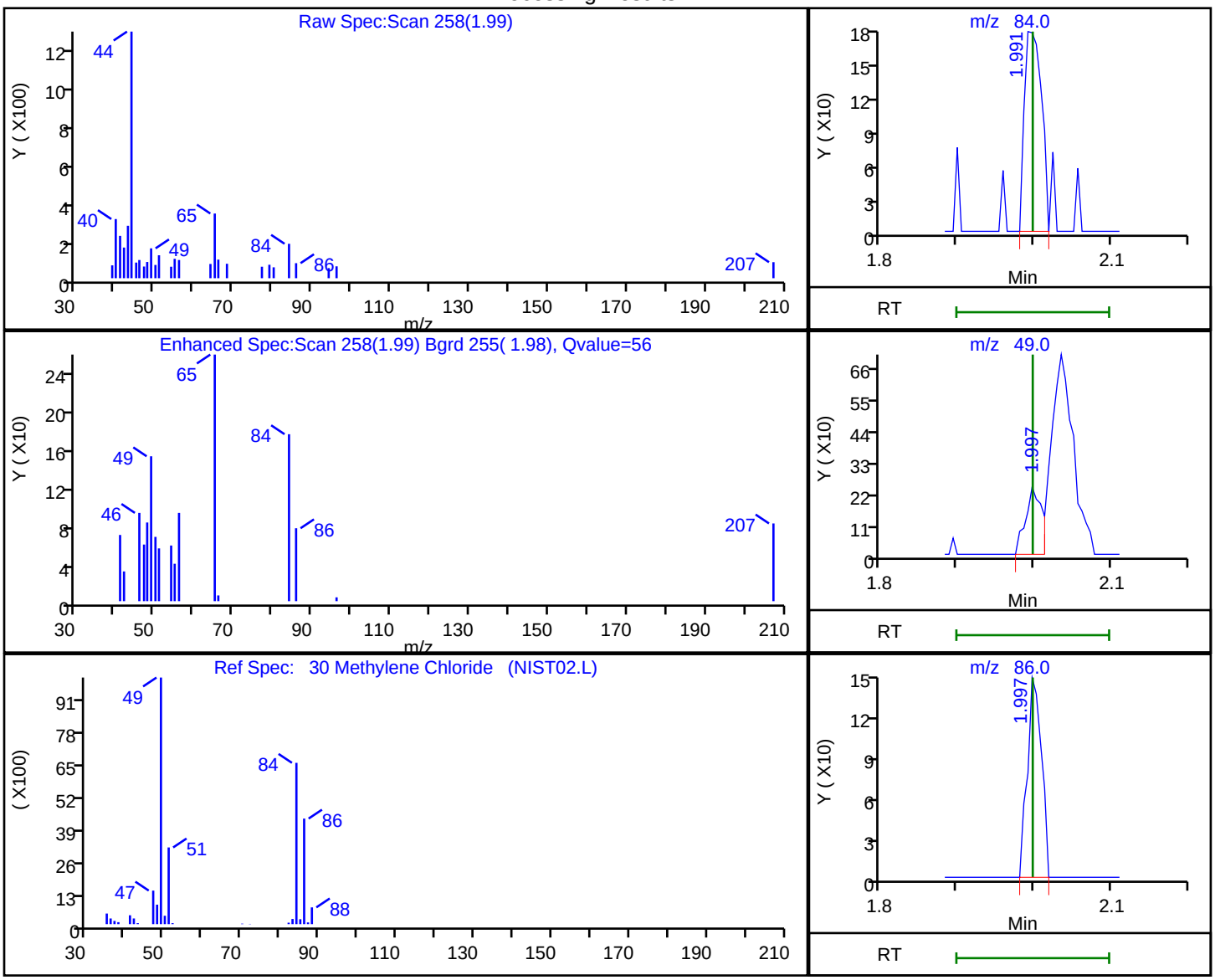
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
1.99	84.00	272	0.057187
2.00	49.00	349	
2.00	86.00	187	

Reviewer: pakanatir, 30-Jul-2019 17:12:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

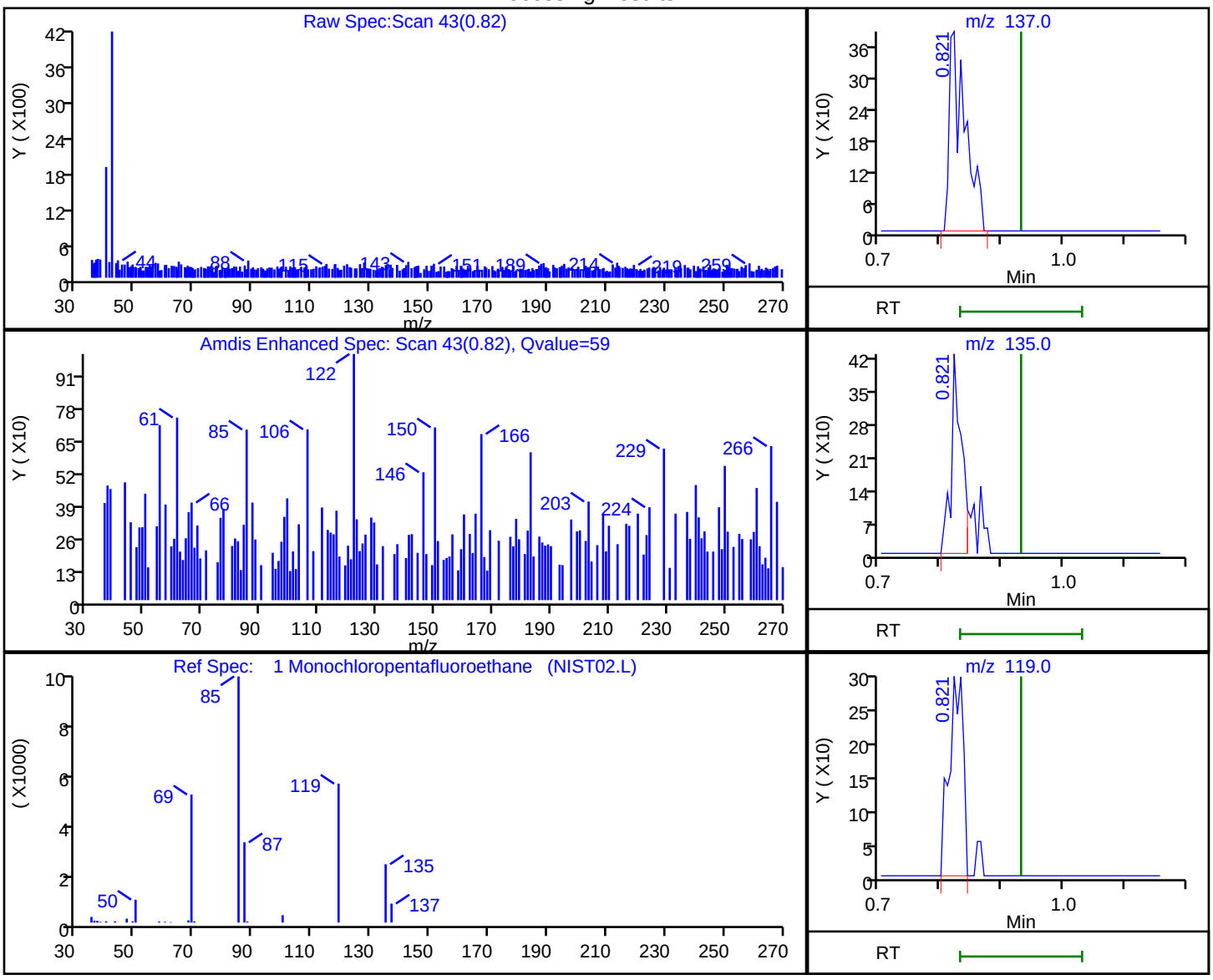
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
0.82	137.00	689	19.103814
0.82	135.00	494	
0.82	119.00	473	

Reviewer: pakanatir, 30-Jul-2019 17:11:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

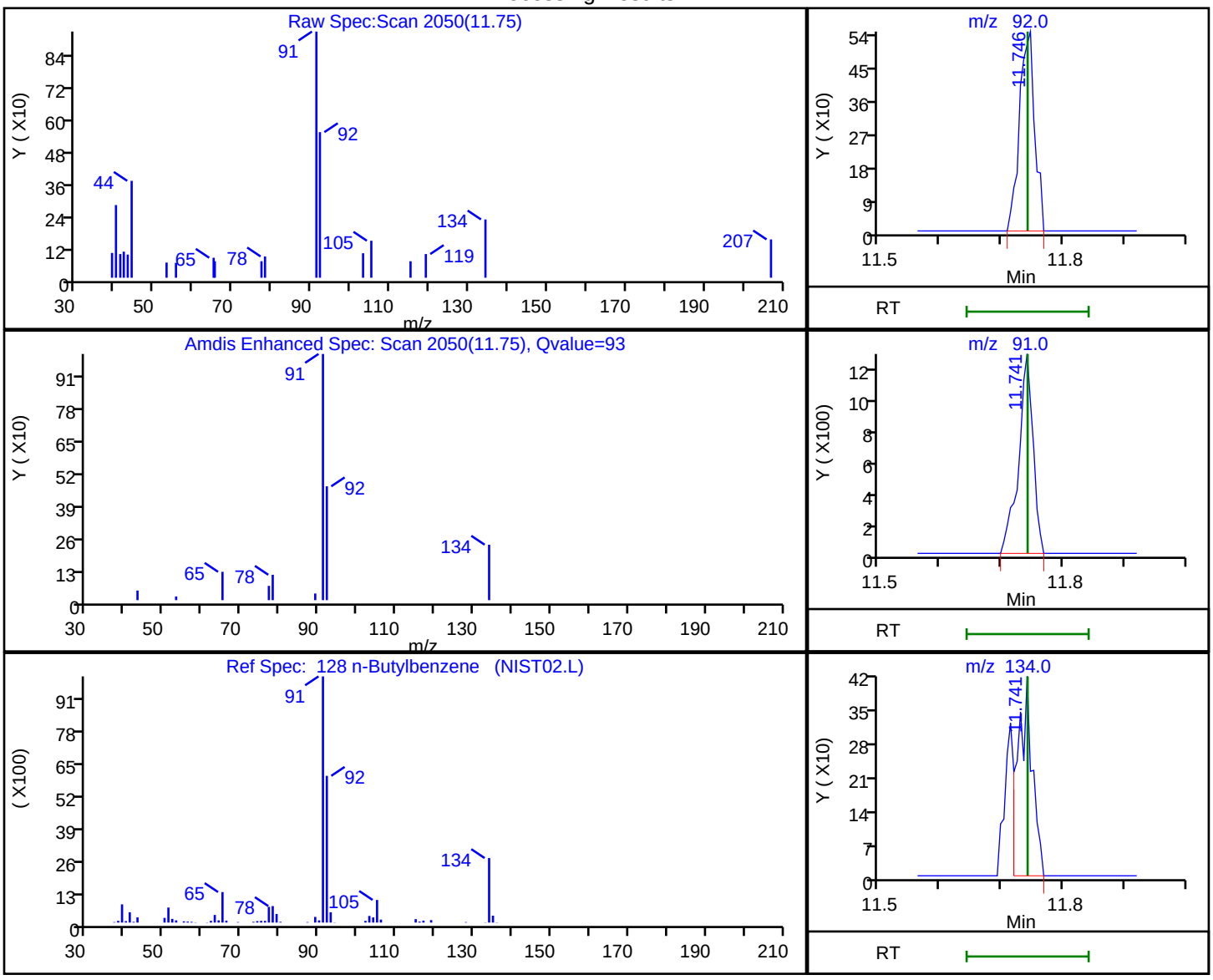
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.75	92.00	942	0.108546
11.74	91.00	2002	
11.74	134.00	679	

Reviewer: pakanatir, 30-Jul-2019 17:13:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

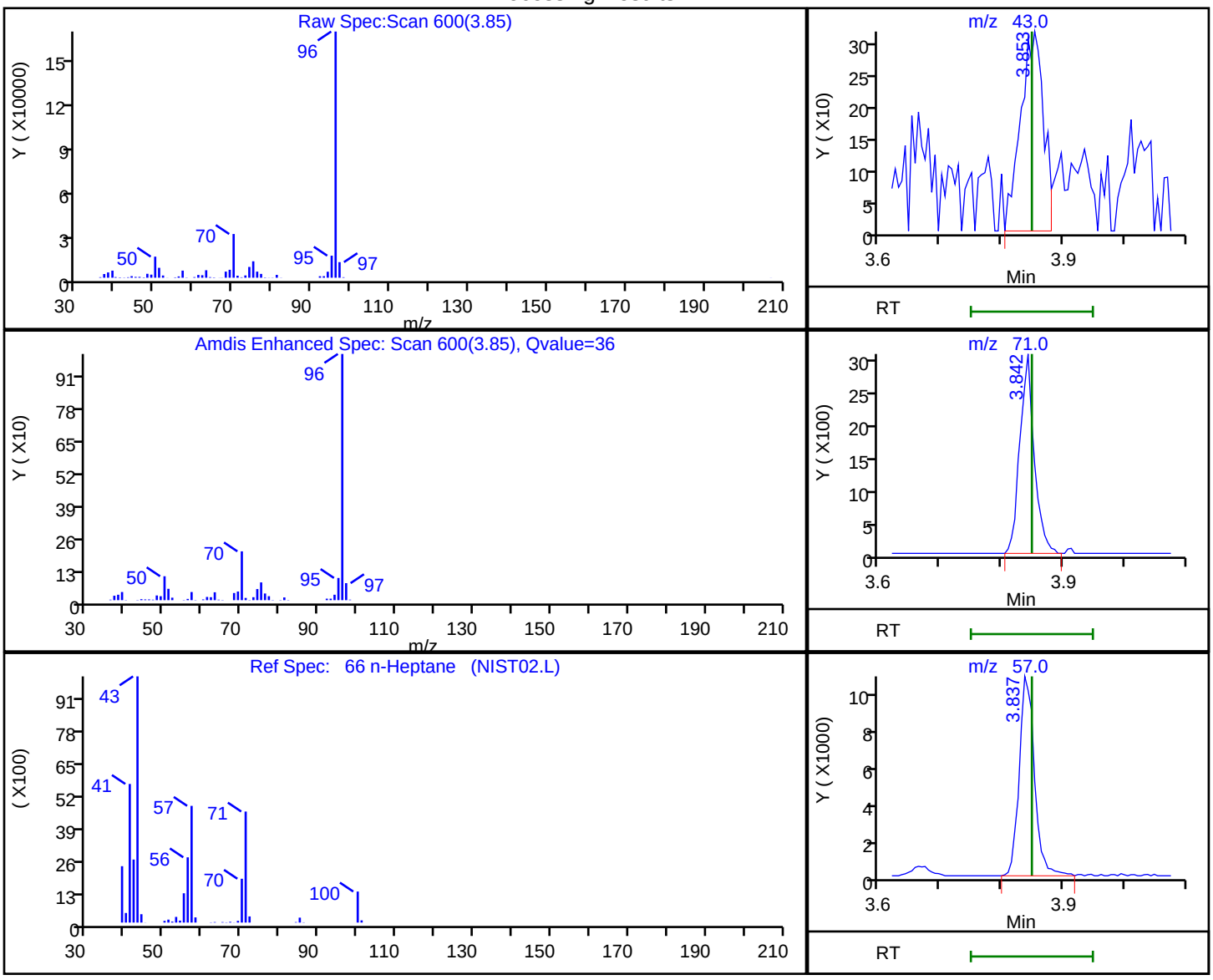
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.85	43.00	827	0.218676
3.84	71.00	4976	
3.84	57.00	17475	

Reviewer: pakanatir, 30-Jul-2019 17:12:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

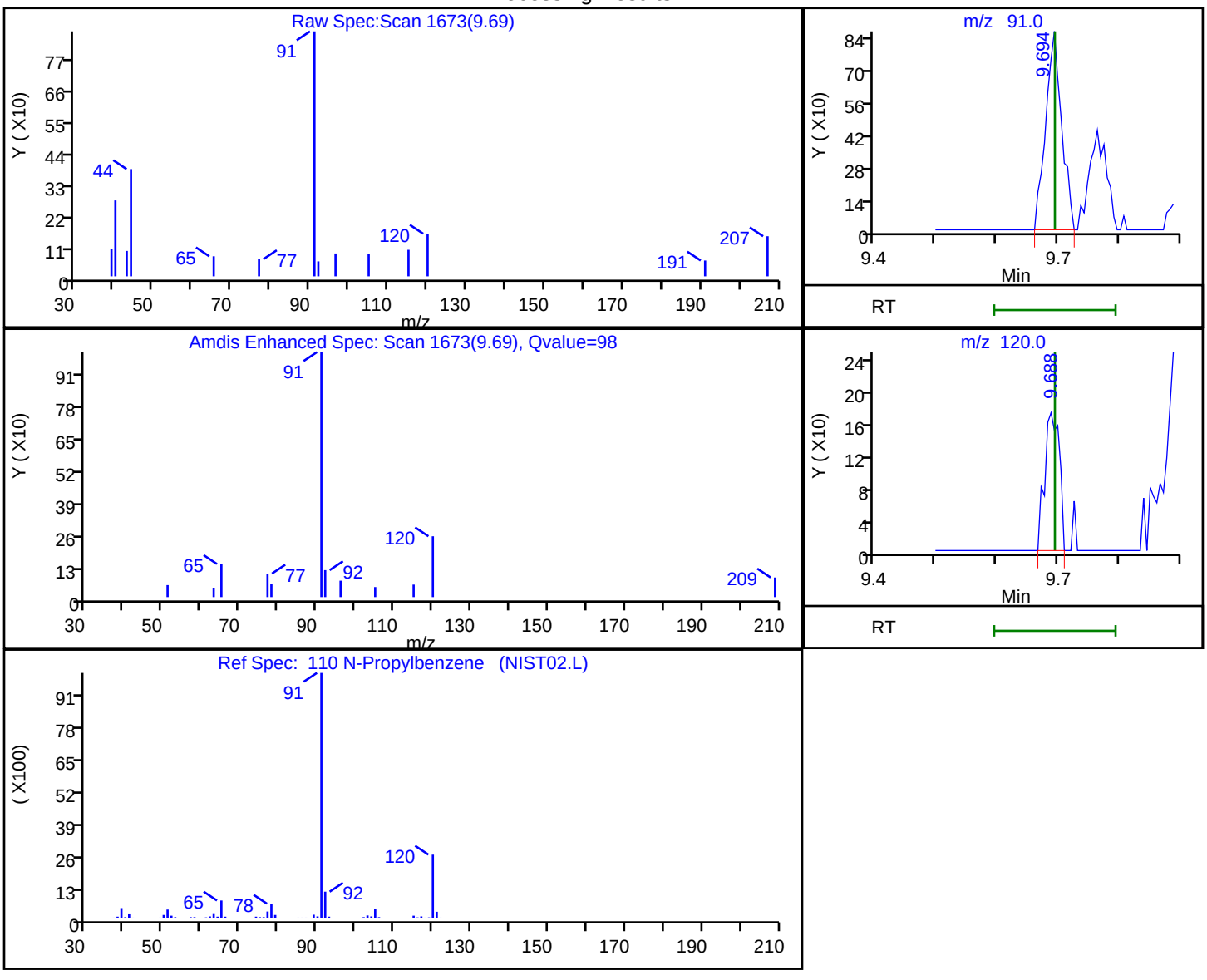
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

110 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
9.69	91.00	1582	0.071532
9.69	120.00	291	

Reviewer: pakanatir, 30-Jul-2019 17:12:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

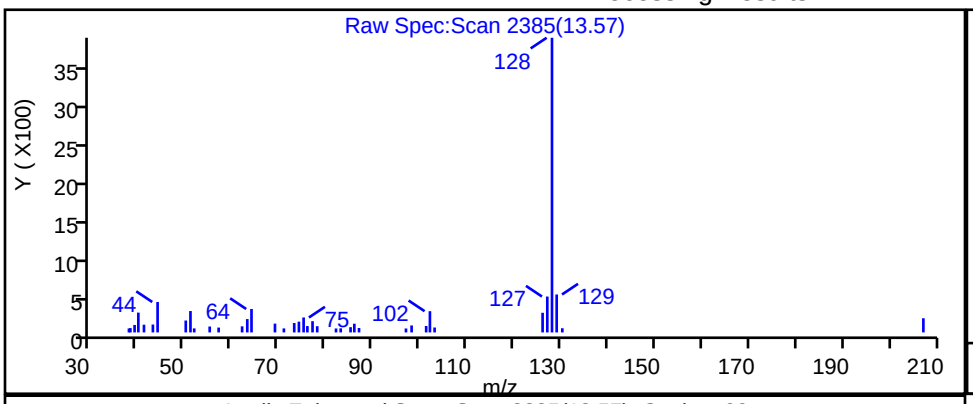
User Disabled Compound Report

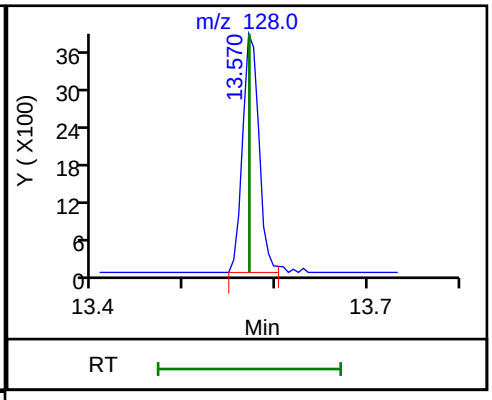
Eurofins TestAmerica, Edison

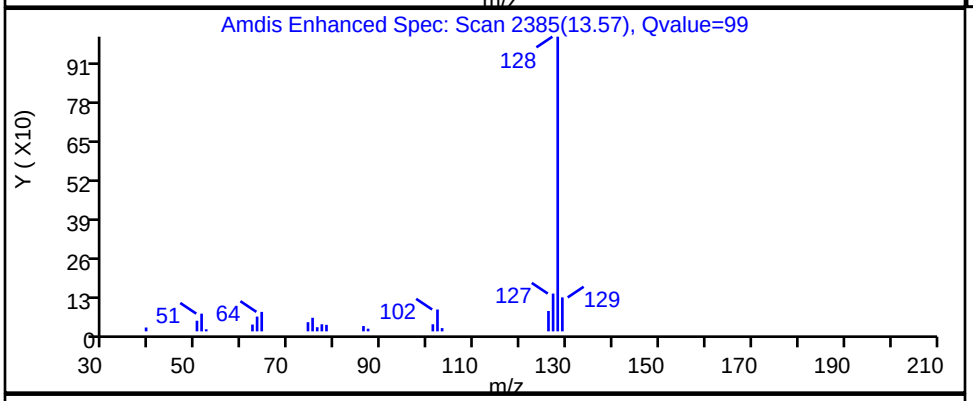
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

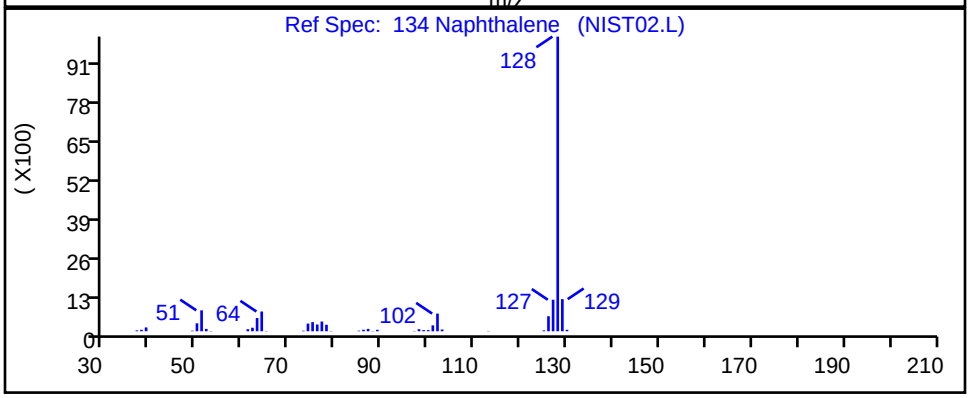
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
13.57	128.00	4834	0.298894

Reviewer: pakanatir, 30-Jul-2019 17:13:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

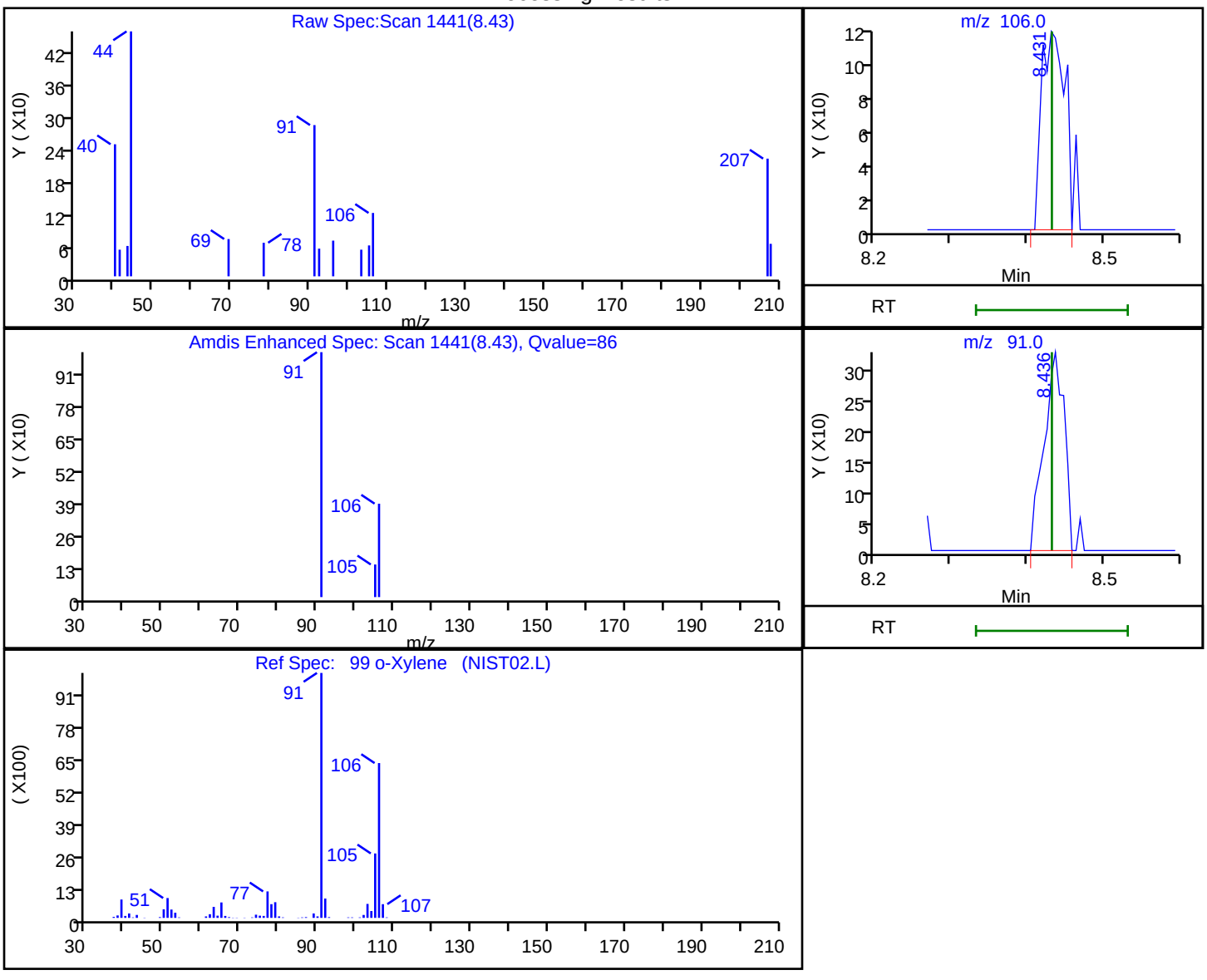
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
8.43	106.00	253	0.033769
8.44	91.00	598	

Reviewer: pakanatir, 30-Jul-2019 17:12:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

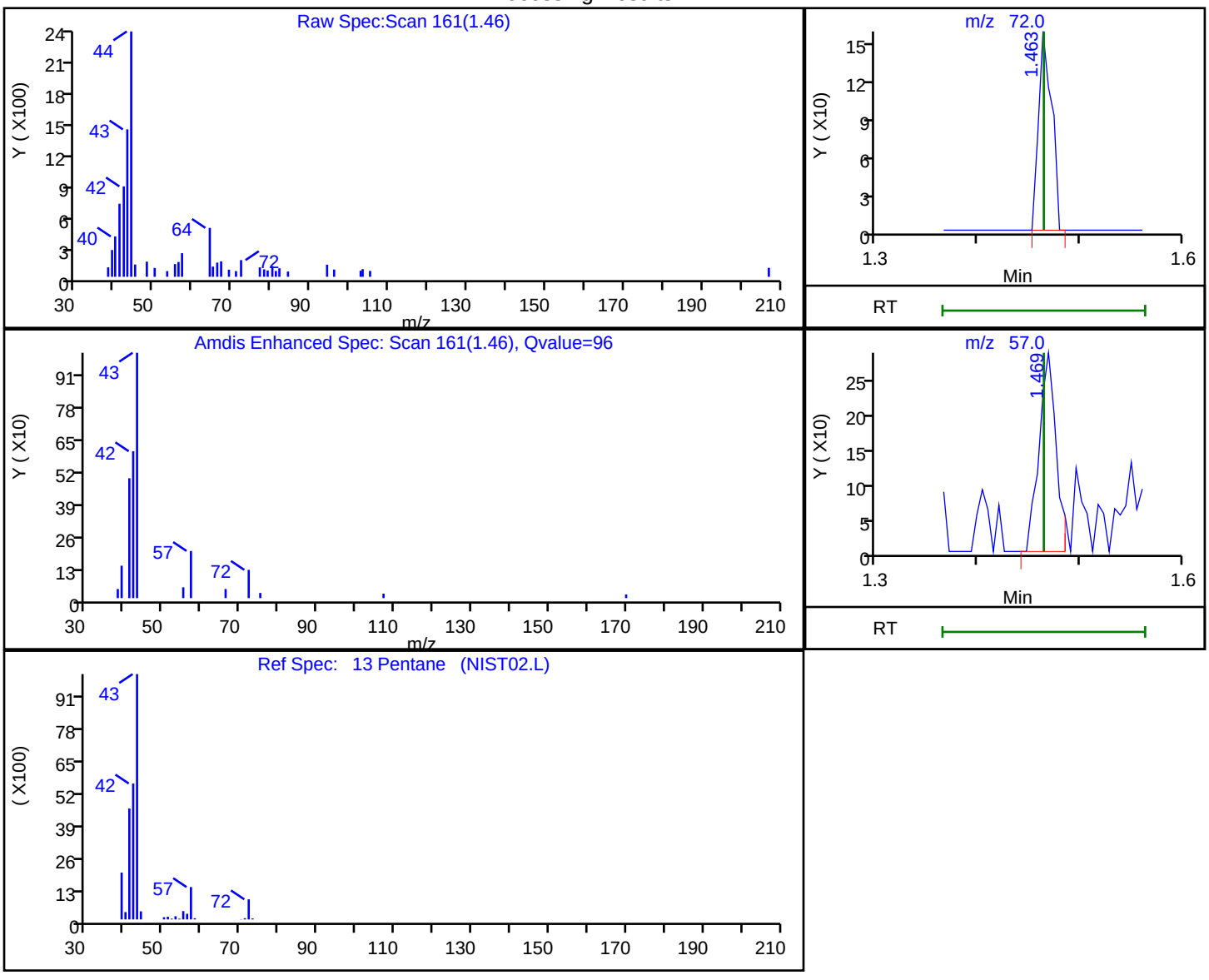
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.46	72.00	143	0.218181
1.47	57.00	331	

Reviewer: pakanatir, 30-Jul-2019 17:11:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

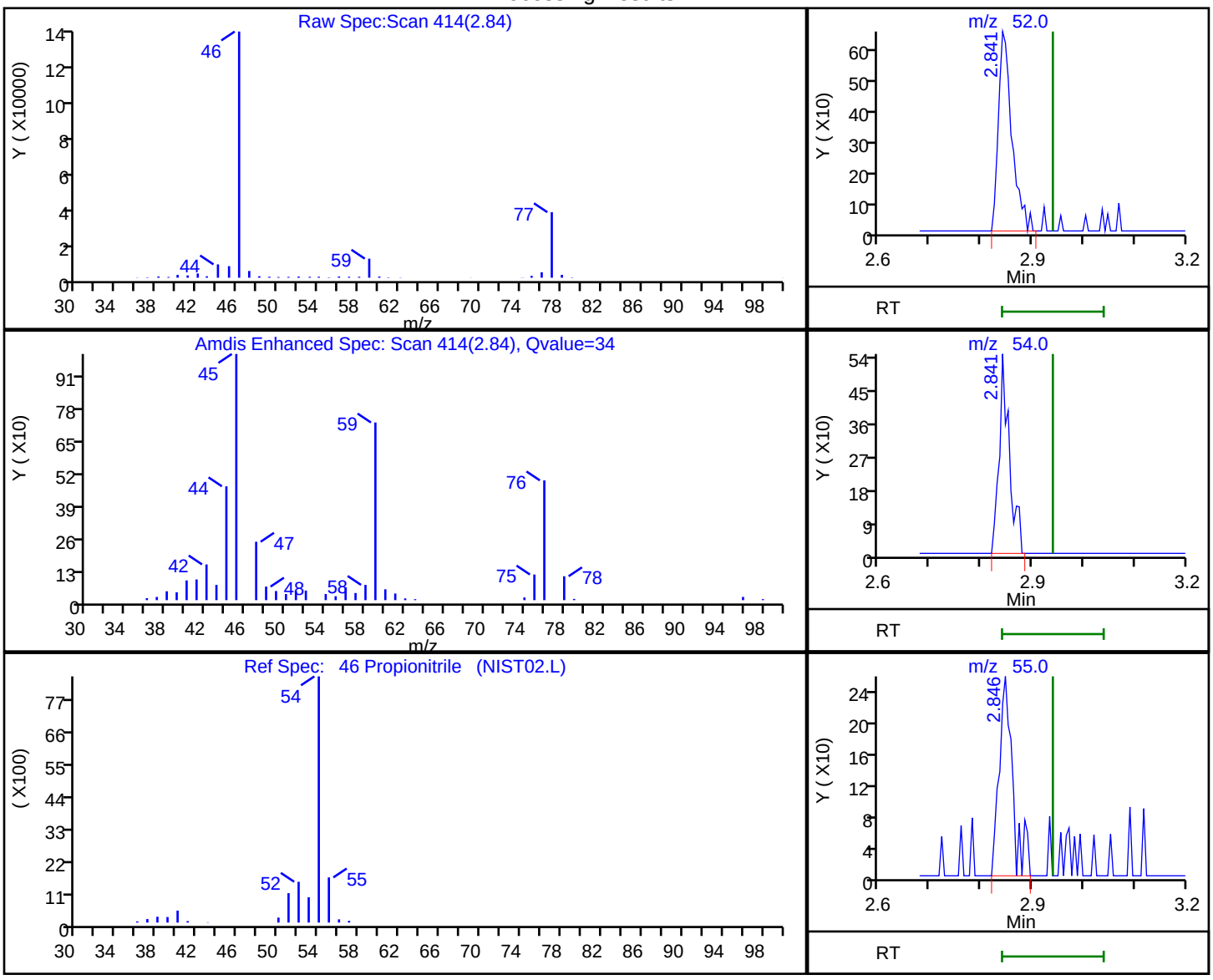
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
2.84	52.00	1200	11.708385
2.84	54.00	762	
2.85	55.00	475	

Reviewer: pakanatir, 30-Jul-2019 17:12:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

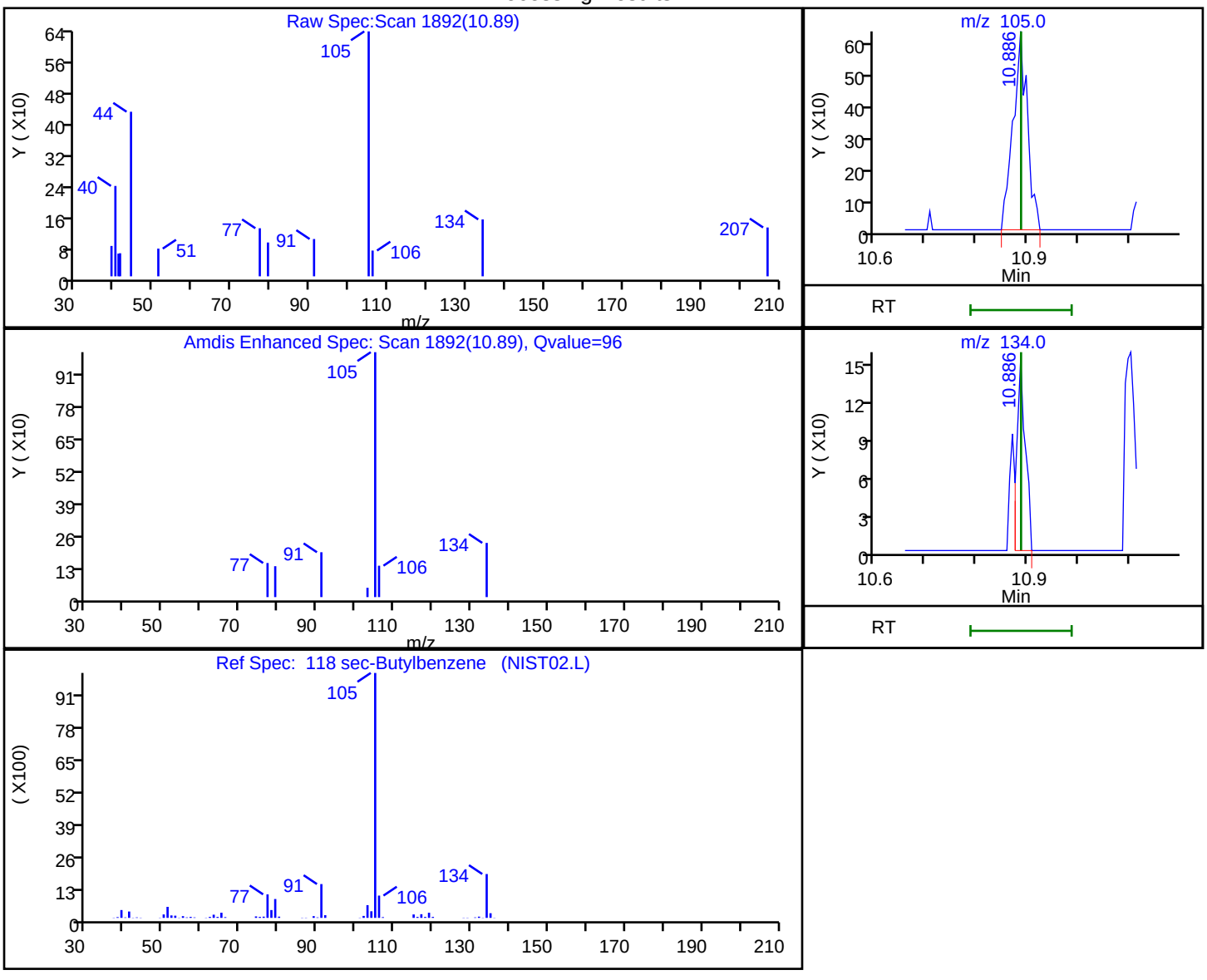
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.89	105.00	1245	0.067354
10.89	134.00	170	

Reviewer: pakanatir, 30-Jul-2019 17:12:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

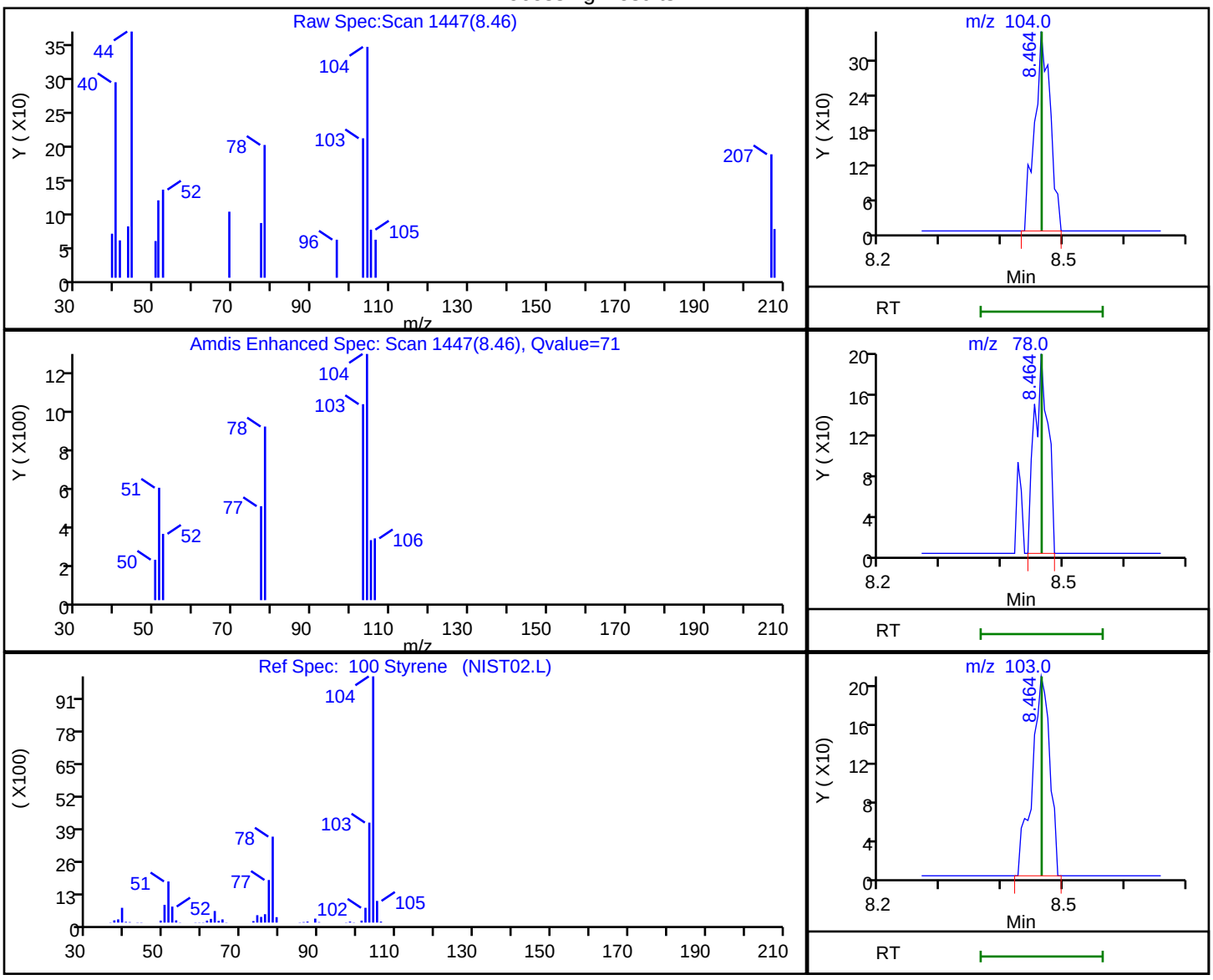
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

100 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.46	104.00	612	0.048605
8.46	78.00	307	
8.46	103.00	418	

Reviewer: pakanatir, 30-Jul-2019 17:12:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

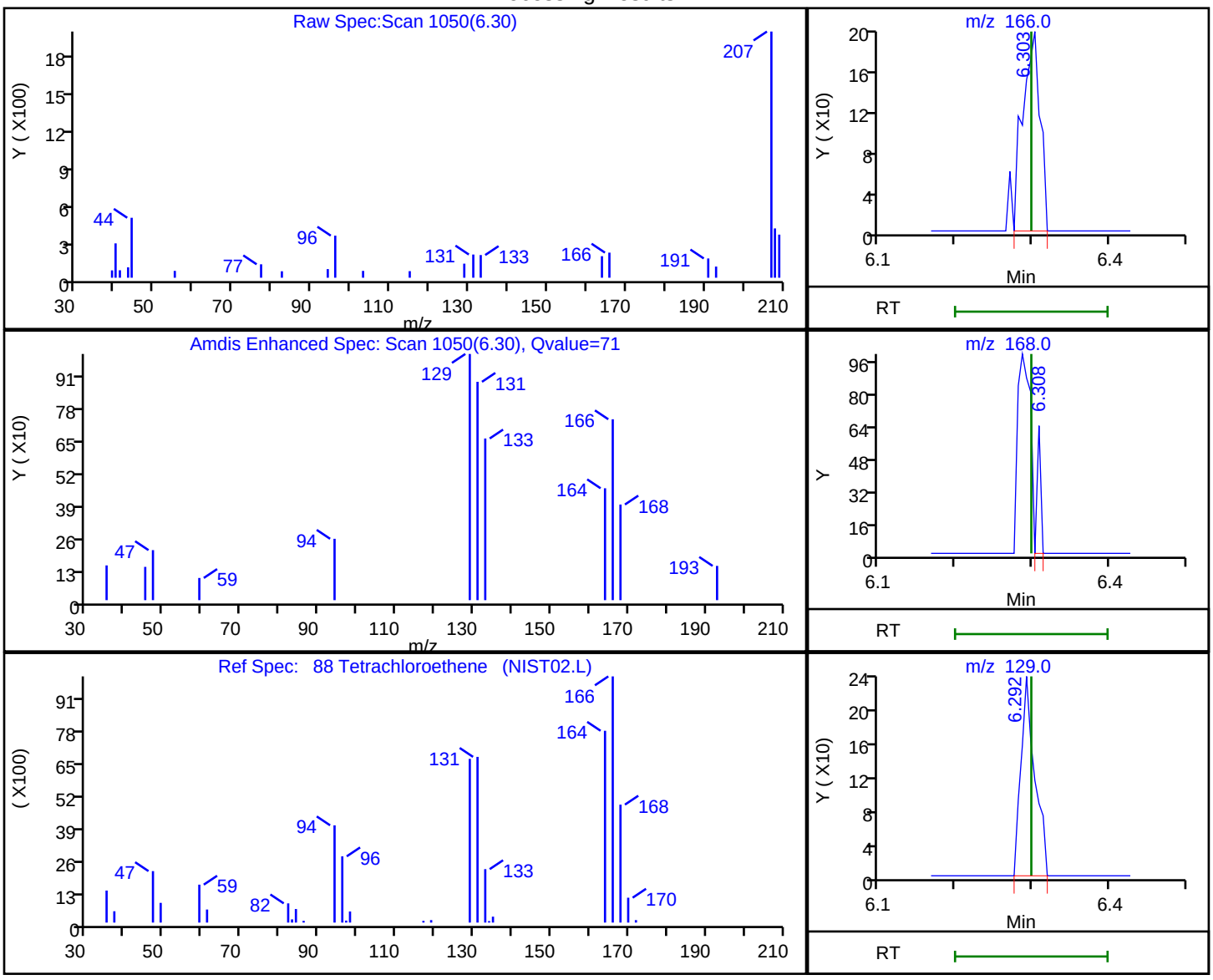
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D				
Injection Date:	30-Jul-2019 12:49:30	Instrument ID:	CVOAMS16		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

88 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
6.30	166.00	310	0.072898
6.31	168.00	21	
6.29	129.00	292	

Reviewer: pakanatir, 30-Jul-2019 17:12:57

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

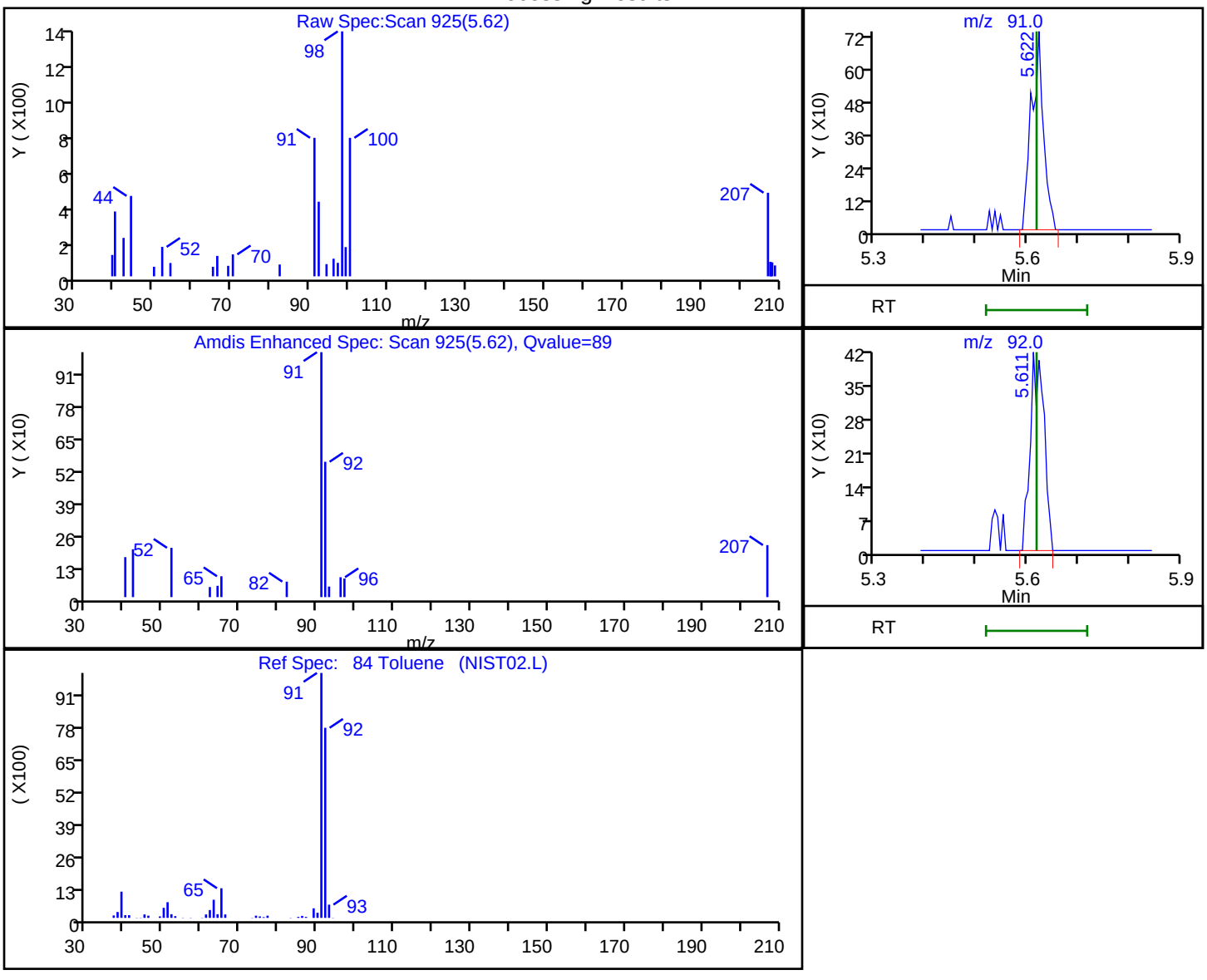
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
5.62	91.00	1214	0.072612
5.61	92.00	779	

Reviewer: pakanatir, 30-Jul-2019 17:12:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

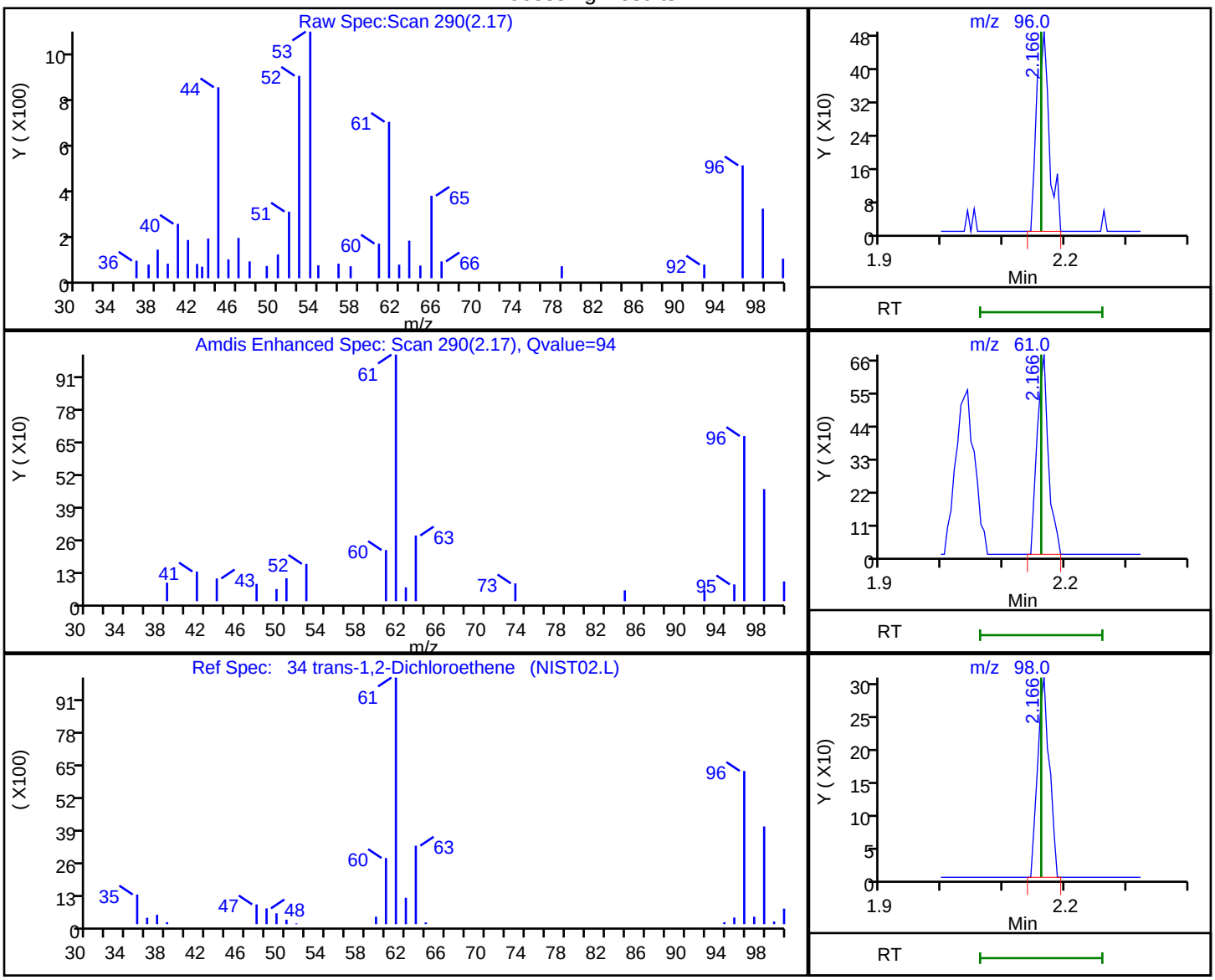
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
2.17	96.00	683	0.158141
2.17	61.00	863	
2.17	98.00	400	

Reviewer: pakanatir, 30-Jul-2019 17:12:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

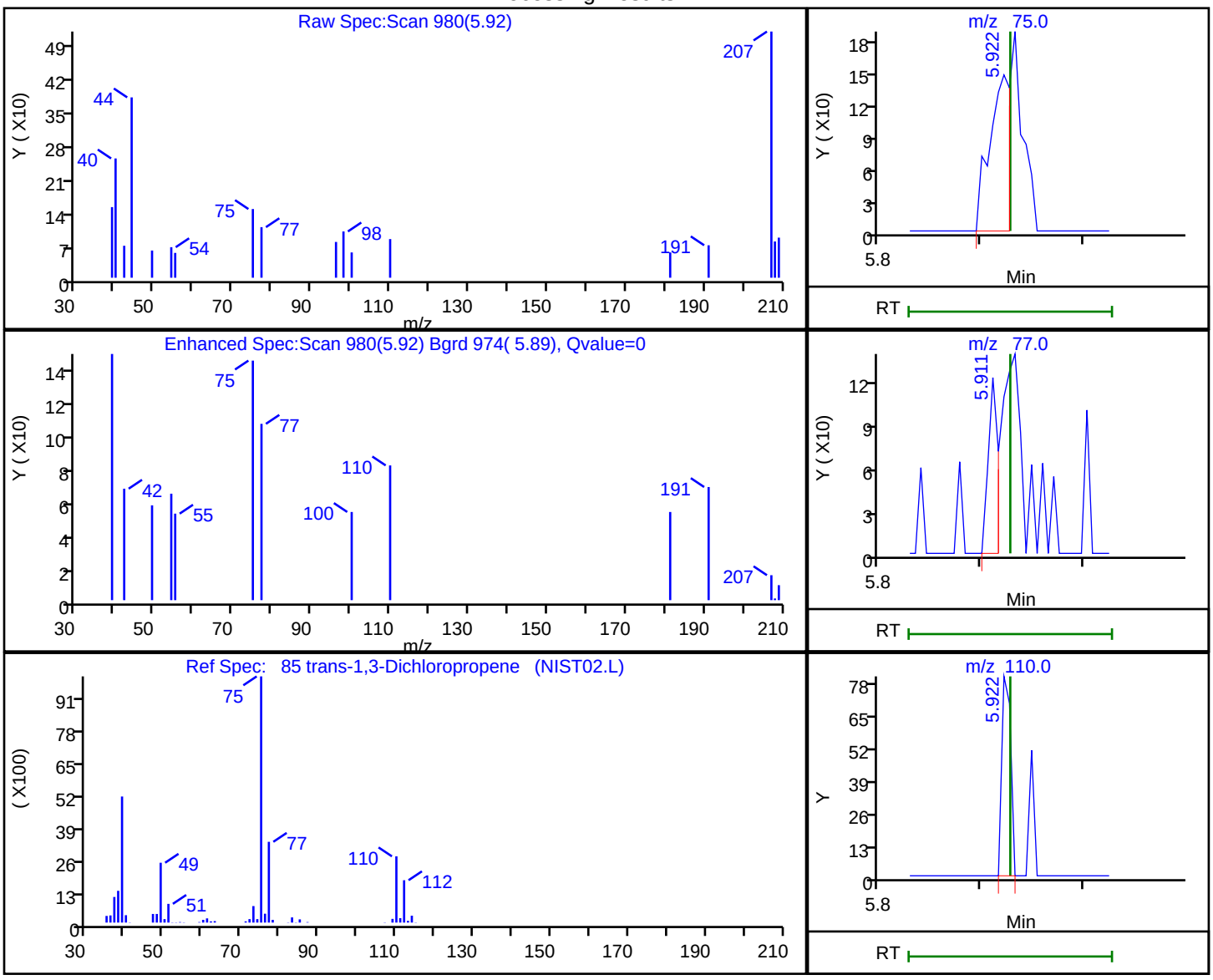
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
5.92	75.00	206	0.033759
5.91	77.00	79	
5.92	110.00	49	

Reviewer: pakanatir, 30-Jul-2019 17:12:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

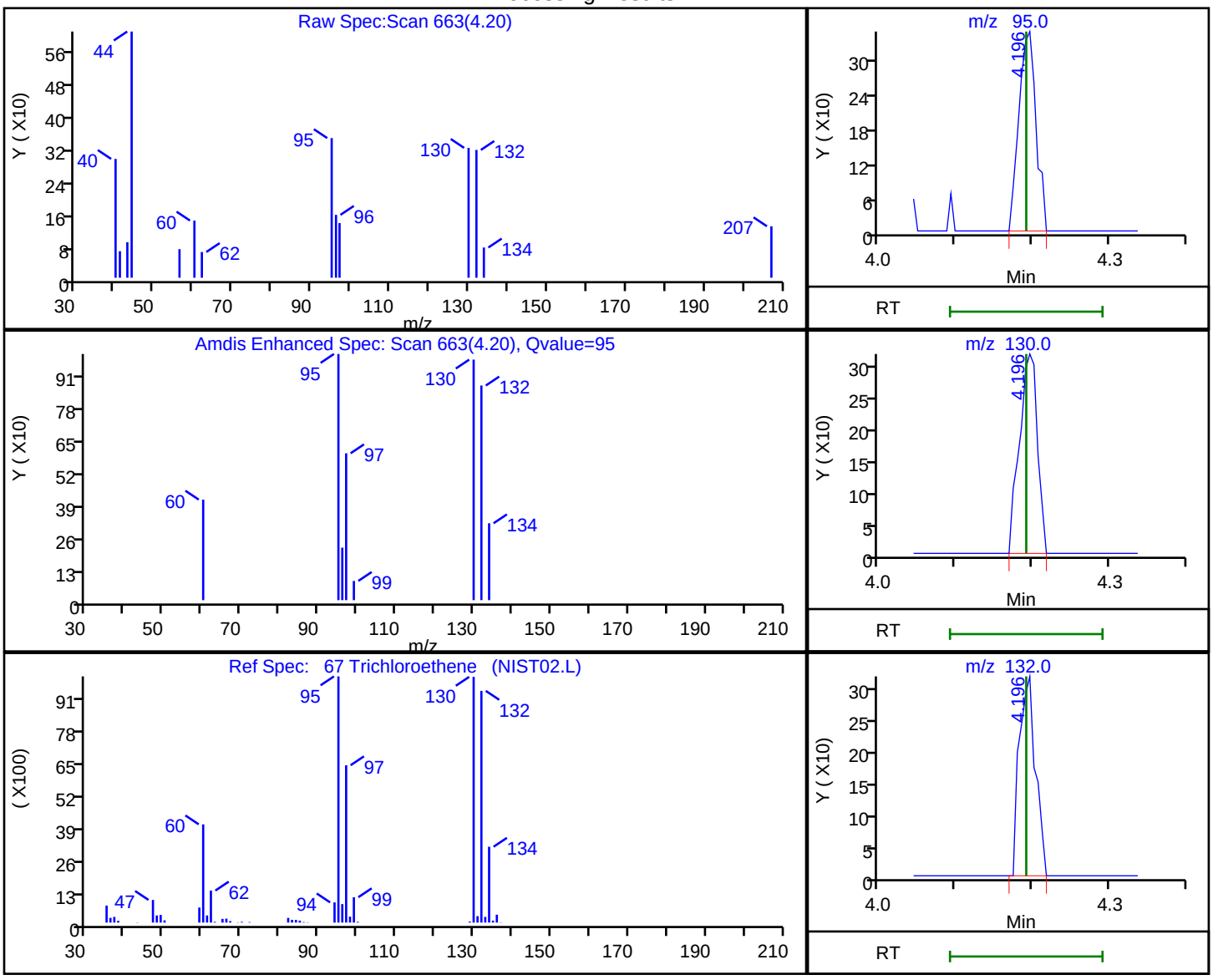
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

67 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
4.20	95.00	533	0.121507
4.20	130.00	521	
4.20	132.00	462	

Reviewer: pakanatir, 30-Jul-2019 17:12:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

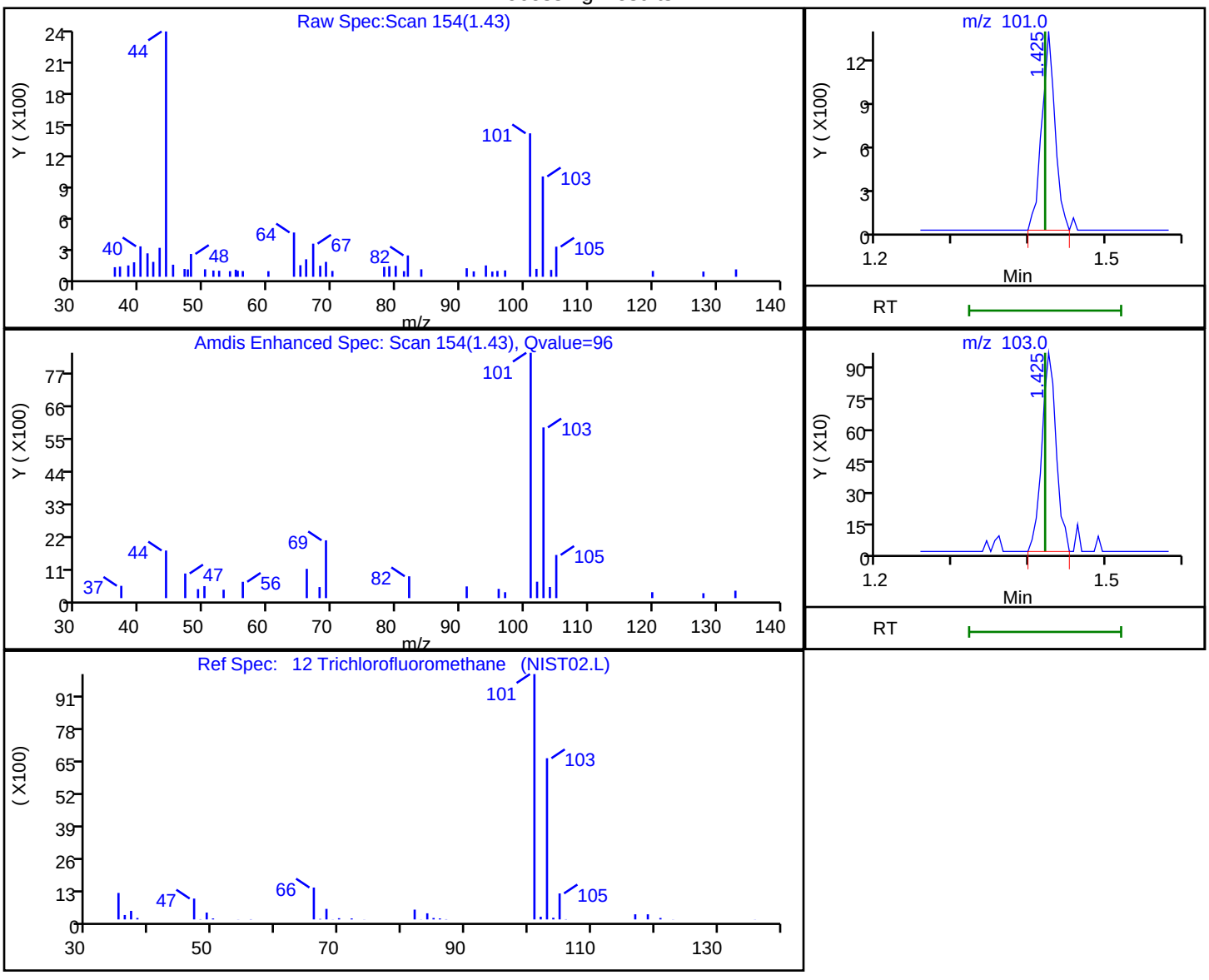
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.43	101.00	1658	0.254292
1.43	103.00	1260	

Reviewer: pakanatir, 30-Jul-2019 17:11:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

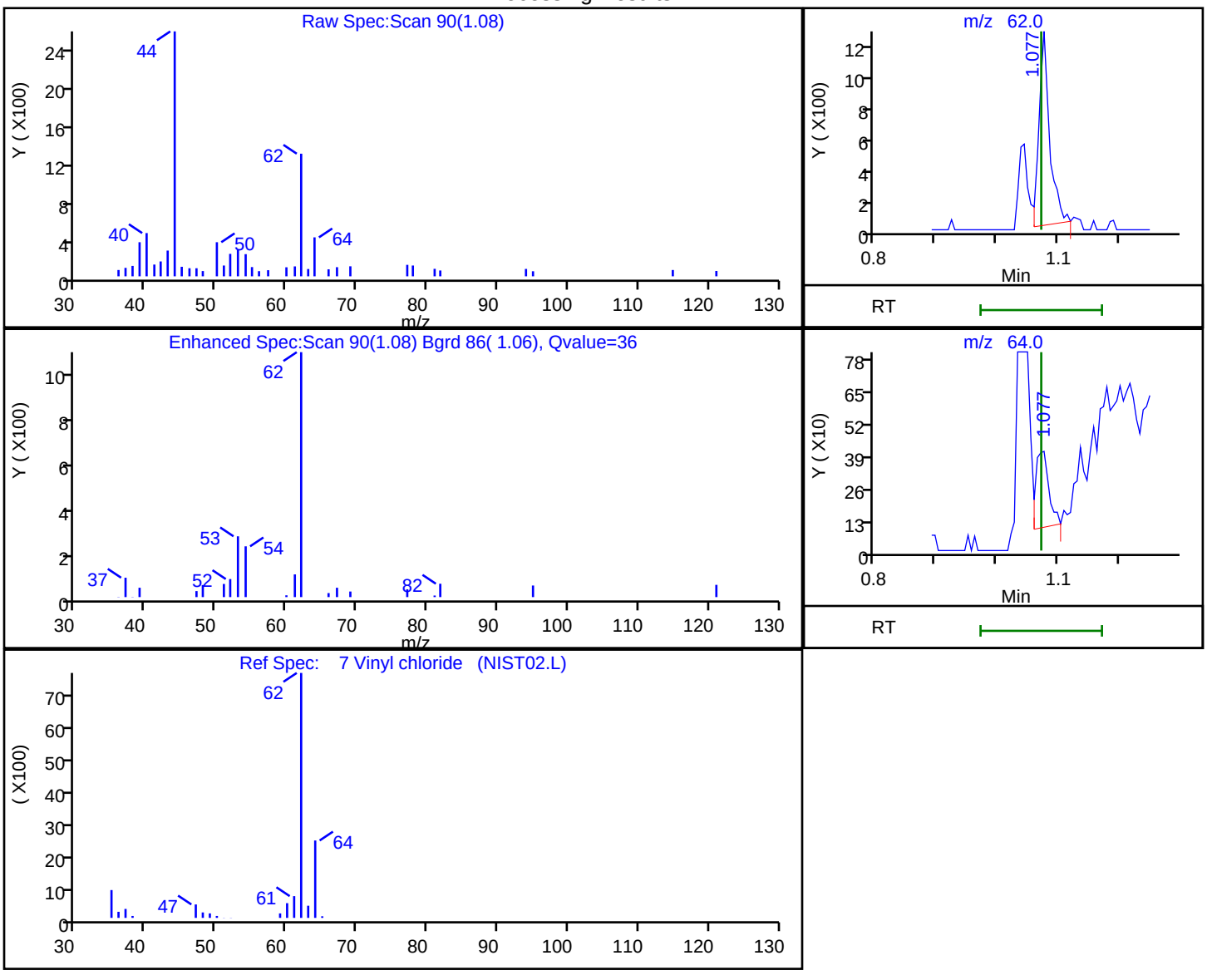
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09962a.D
Injection Date: 30-Jul-2019 12:49:30 Instrument ID: CVOAMS16
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.08	62.00	1493	0.270574
1.08	64.00	461	

Reviewer: pakanatir, 30-Jul-2019 17:11:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09963a.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Jul-2019 13:15:30 ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0095201-005
Operator ID: Instrument ID: CVOAMS16
Sublist: chrom-8260W_16*sub6

Method: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2019 11:28:53 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0324

First Level Reviewer: pakanatir Date: 30-Jul-2019 16:19:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.909	0.909	0.000	61	779	1.00	0.4412	
3 Dichlorodifluoromethane	85	0.926	0.925	0.001	98	6344	1.00	0.9213	
4 1,1-Difluoroethane	65	0.931	0.925	0.006	87	3072	1.00	1.11	
1 Monochloropentafluoroethan	137	0.828	0.931	-0.103	52	247	1.00	6.83	
5 Chlorodifluoromethane	67	0.942	0.947	-0.005	97	1247	1.00	1.24	
6 Chloromethane	50	1.034	1.050	-0.016	69	4214	1.00	1.04	
7 Vinyl chloride	62	1.073	1.072	0.001	97	5630	1.00	1.02	
8 Butadiene	54	1.089	1.089	0.000	96	4555	1.00	0.9526	
9 Bromomethane	94	1.241	1.236	0.005	95	1101	1.00	0.9733	
10 Chloroethane	64	1.296	1.290	0.006	99	3055	1.00	1.02	a
11 Dichlorofluoromethane	67	1.405	1.399	0.006	99	8087	1.00	1.02	
12 Trichlorofluoromethane	101	1.426	1.421	0.005	97	6718	1.00	1.02	
13 Pentane	72	1.470	1.464	0.006	96	1388	2.00	2.09	
14 Ethanol	46	1.546	1.557	-0.011	95	1331	40.0	52.0	a
15 Ethyl ether	59	1.584	1.584	0.000	70	3000	1.00	0.9812	
16 1,2-Dichloro-1,1,2-trifluo	117	1.590	1.589	0.001	95	3684	1.00	1.02	
17 2-Methyl-1,3-butadiene	53	1.595	1.595	0.000	93	3143	1.00	0.99	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.622	1.622	0.000	94	6305	1.00	1.03	
19 Acrolein	56	1.655	1.660	-0.005	70	1612	4.00	3.15	M
20 1,1-Dichloroethene	96	1.704	1.709	-0.005	96	4078	1.00	1.05	
21 1,1,2-Trichloro-1,2,2-trif	101	1.709	1.709	0.000	92	3785	1.00	0.9468	
22 Acetone	58	1.748	1.753	-0.005	86	2093	5.00	5.32	
23 Iodomethane	127	1.802	1.796	0.006	96	384	1.00	0.2395	
24 Carbon disulfide	76	1.829	1.829	0.000	98	18804	1.00	1.00	a
25 Isopropyl alcohol	45	1.840	1.845	-0.005	37	2476	10.0	11.0	
26 Acetonitrile	38	1.916	1.916	0.000	82	1286	10.0	11.4	
27 3-Chloro-1-propene	76	1.922	1.916	0.006	93	2870	1.00	0.9187	
28 Methyl acetate	74	1.944	1.943	0.001	99	1494	2.00	2.17	
29 Cyclopentene	67	1.965	1.965	0.000	98	9699	1.00	1.02	
30 Methylene Chloride	84	1.998	1.998	0.000	85	4996	1.00	1.04	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.036	2.041	-0.005	99	235145	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.085	2.090	-0.005	98	4611	10.0	12.8	
33 Acrylonitrile	53	2.150	2.156	-0.006	95	13811	10.0	9.89	
34 trans-1,2-Dichloroethene	96	2.161	2.161	0.000	94	4879	1.00	1.11	
35 Methyl tert-butyl ether	73	2.172	2.172	0.000	98	10605	1.00	0.99	
36 Hexane	57	2.341	2.346	-0.005	90	4801	1.00	1.02	
37 1,1-Dichloroethane	63	2.444	2.444	0.000	99	7395	1.00	1.05	
38 Vinyl acetate	86	2.493	2.493	0.000	100	1262	2.00	1.91	
39 Isopropyl ether	45	2.504	2.504	0.000	84	12180	1.00	1.01	
40 2-Chloro-1,3-butadiene	88	2.504	2.504	0.000	75	3985	1.00	0.9743	
41 Tert-butyl ethyl ether	59	2.771	2.771	0.000	89	10528	1.00	0.9870	
* 42 2-Butanone-d5	46	2.842	2.847	-0.005	0	250385	250.0	250.0	
43 2,2-Dichloropropane	97	2.863	2.863	0.000	73	1312	1.00	0.9575	
44 cis-1,2-Dichloroethene	96	2.863	2.863	0.000	97	4841	1.00	1.02	
45 2-Butanone (MEK)	72	2.885	2.890	-0.005	98	2240	5.00	4.98	
46 Propionitrile	52	2.934	2.939	-0.005	94	1044	10.0	10.1	
47 Ethyl acetate	70	2.945	2.945	0.000	99	852	2.00	2.04	
48 Methyl acrylate	55	2.967	2.967	0.000	99	4128	1.00	0.9577	
49 Chlorobromomethane	128	3.049	3.048	0.001	50	2370	1.00	0.99	
50 Methacrylonitrile	67	3.049	3.054	-0.005	90	15881	10.0	9.68	
51 Tetrahydrofuran	42	3.098	3.097	0.001	80	2330	2.00	2.14	
52 Chloroform	83	3.119	3.119	0.000	99	7355	1.00	1.03	
$ 53 Dibromofluoromethane (Surr	113	3.250	3.250	0.000	96	159525	50.0	49.9	
54 1,1,1-Trichloroethane	97	3.261	3.261	0.000	97	6402	1.00	1.06	
55 Cyclohexane	84	3.304	3.304	0.000	90	5082	1.00	0.9183	
56 Carbon tetrachloride	117	3.397	3.397	0.000	82	5109	1.00	0.9863	
57 1,1-Dichloropropene	75	3.402	3.402	0.000	96	6195	1.00	1.08	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.533	3.533	0.000	0	167621	50.0	50.8	
60 Benzene	78	3.582	3.582	0.000	95	17628	1.00	1.11	
59 Isobutyl alcohol	74	3.577	3.582	-0.005	97	1270	25.0	28.0	a
61 1,2-Dichloroethane	62	3.598	3.603	-0.005	96	6004	1.00	1.12	
62 Isooctane	57	3.664	3.663	0.001	94	9085	1.00	0.9891	
63 Isopropyl acetate	61	3.696	3.691	0.005	98	1436	1.00	0.9236	
64 Tert-amyl methyl ether	87	3.707	3.701	0.006	93	3134	1.00	0.9127	
* 65 Fluorobenzene	96	3.838	3.843	-0.005	99	543941	50.0	50.0	
66 n-Heptane	43	3.849	3.848	0.001	36	4313	1.00	1.12	
67 Trichloroethene	95	4.192	4.191	0.001	97	5102	1.00	1.15	
68 n-Butanol	56	4.203	4.202	0.001	45	2382	25.0	25.2	
69 Ethyl acrylate	99	4.360	4.355	0.005	98	484	1.00	0.7722	
70 Methylcyclohexane	83	4.377	4.376	0.001	92	6029	1.00	0.9828	a
71 1,2-Dichloropropane	63	4.415	4.420	-0.005	91	4199	1.00	0.99	
72 Dibromomethane	93	4.535	4.534	0.001	31	2915	1.00	1.05	
* 73 1,4-Dioxane-d8	96	4.535	4.540	-0.005	0	33558	1000.0	1000.0	
74 1,4-Dioxane	88	4.589	4.594	-0.005	63	2435	50.0	49.8	
75 Methyl methacrylate	100	4.595	4.594	0.001	94	2022	2.00	1.80	
76 n-Propyl acetate	43	4.676	4.676	0.000	96	4409	1.00	0.9061	
77 Dichlorobromomethane	83	4.720	4.719	0.001	98	5855	1.00	1.05	
78 2-Nitropropane	41	4.986	4.992	-0.006	97	2126	2.00	2.32	
79 2-Chloroethyl vinyl ether	63	5.090	5.095	-0.005	32	239	1.00	0.9572	M
80 Epichlorohydrin	57	5.144	5.144	0.000	99	5408	20.0	18.5	
81 cis-1,3-Dichloropropene	75	5.231	5.231	0.000	91	7322	1.00	1.07	
82 4-Methyl-2-pentanone (MIBK	43	5.455	5.454	0.001	95	14693	5.00	4.96	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.536	5.541	-0.005	100	589967	50.0	50.4	
84 Toluene	91	5.618	5.618	0.000	93	19503	1.00	1.16	
85 trans-1,3-Dichloropropene	75	5.923	5.928	-0.005	96	6437	1.00	1.05	
86 Ethyl methacrylate	69	6.102	6.107	-0.005	89	4941	1.00	1.01	
87 1,1,2-Trichloroethane	83	6.151	6.146	0.005	95	3321	1.00	1.03	
88 Tetrachloroethene	166	6.298	6.298	0.000	97	4756	1.00	1.11	
89 1,3-Dichloropropane	76	6.353	6.352	0.001	91	6445	1.00	1.04	
90 2-Hexanone	43	6.532	6.538	-0.006	94	10662	5.00	4.97	
91 Chlorodibromomethane	129	6.641	6.641	0.000	97	4233	1.00	0.9670	
92 n-Butyl acetate	43	6.756	6.755	0.001	98	5411	1.00	1.02	
93 Ethylene Dibromide	107	6.756	6.761	-0.005	90	3989	1.00	1.01	
* 94 Chlorobenzene-d5	117	7.431	7.430	0.001	85	439287	50.0	50.0	
95 Chlorobenzene	112	7.469	7.468	0.001	97	13026	1.00	1.11	
96 1,1,1,2-Tetrachloroethane	131	7.616	7.615	0.001	95	4074	1.00	0.9788	
97 Ethylbenzene	106	7.670	7.670	0.000	98	6636	1.00	1.07	
98 m-Xylene & p-Xylene	106	7.850	7.855	-0.005	0	8290	1.00	1.07	
99 o-Xylene	106	8.438	8.432	0.006	92	7635	1.00	1.01	
100 Styrene	104	8.470	8.465	0.006	95	13035	1.00	1.03	
101 n-Butyl acrylate	73	8.530	8.530	0.000	97	2783	1.00	0.8920	
102 Bromoform	173	8.688	8.688	0.000	94	2557	1.00	0.8988	
103 Amyl acetate (mixed isomer	43	8.917	8.922	-0.005	90	6140	1.00	0.99	
104 Isopropylbenzene	105	9.036	9.036	0.000	95	19185	1.00	1.06	
$ 105 4-Bromofluorobenzene	174	9.238	9.237	0.001	91	188950	50.0	49.5	
106 Bromobenzene	156	9.417	9.417	0.000	97	5640	1.00	1.08	
107 1,1,2,2-Tetrachloroethane	83	9.554	9.553	0.001	98	5158	1.00	1.00	
108 1,2,3-Trichloropropane	110	9.564	9.570	-0.006	97	1436	1.00	1.03	
109 trans-1,4-Dichloro-2-buten	53	9.646	9.646	0.000	82	1125	1.00	0.8933	
110 N-Propylbenzene	91	9.690	9.695	-0.005	99	24257	1.00	1.08	
111 2-Chlorotoluene	91	9.760	9.765	-0.005	97	15264	1.00	1.11	
112 4-Ethyltoluene	105	9.891	9.891	0.000	99	20205	1.00	1.06	
113 4-Chlorotoluene	91	9.956	9.956	0.000	97	16318	1.00	1.14	
114 1,3,5-Trimethylbenzene	105	10.011	10.010	0.001	93	16369	1.00	1.04	
115 Butyl Methacrylate	87	10.294	10.299	-0.005	90	4728	1.00	0.8146	
116 tert-Butylbenzene	119	10.512	10.517	-0.005	94	13162	1.00	1.03	
117 1,2,4-Trimethylbenzene	105	10.604	10.604	0.000	97	17801	1.00	1.07	
118 sec-Butylbenzene	105	10.887	10.887	0.000	99	19593	1.00	1.05	
119 1,3-Dichlorobenzene	146	10.974	10.979	-0.005	95	11080	1.00	1.11	
* 120 1,4-Dichlorobenzene-d4	152	11.105	11.105	0.000	96	257287	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.138	11.143	-0.005	91	11660	1.00	1.14	
122 4-Isopropyltoluene	119	11.159	11.159	0.000	97	17326	1.00	1.06	
123 1,2,3-Trimethylbenzene	105	11.263	11.268	-0.005	99	18345	1.00	1.06	
124 Benzyl chloride	126	11.383	11.382	0.001	98	1785	1.00	0.8612	
125 2,3-Dihydroindene	117	11.513	11.513	0.000	94	18920	1.00	1.11	
126 1,2-Dichlorobenzene	146	11.655	11.654	0.001	96	11096	1.00	1.12	
127 p-Diethylbenzene	119	11.715	11.714	0.001	93	9648	1.00	1.02	
128 n-Butylbenzene	92	11.742	11.741	0.001	98	9477	1.00	1.08	a
129 1,2-Dibromo-3-Chloropropan	75	12.586	12.580	0.006	71	1708	1.00	0.99	
130 1,2,4,5-Tetramethylbenzene	119	12.602	12.602	0.000	97	17182	1.00	1.07	
131 1,3,5-Trichlorobenzene	180	12.798	12.797	0.001	96	8242	1.00	1.17	
132 1,2,4-Trichlorobenzene	180	13.375	13.375	0.001	94	7801	1.00	1.18	
133 Hexachlorobutadiene	225	13.549	13.554	-0.005	90	2561	1.00	1.14	
134 Naphthalene	128	13.571	13.570	0.001	99	20202	1.00	1.23	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.778	13.783	-0.005	96	6889	1.00	1.13	
S 137 1,2-Dichloroethene, Total	100				0		2.00	2.14	
S 138 Xylenes, Total	100				0		2.00	2.08	
S 139 Total BTEX	1				0		5.00	5.41	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00008	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00102	Amount Added:	10.00	Units: uL	
GASES Li_00325	Amount Added:	10.00	Units: uL	
ACROLEIN W_00093	Amount Added:	4.00	Units: uL	
14DIOXINTER_00103	Amount Added:	30.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00199	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2019 11:28:57 Chrom Revision: 2.3 15-Jul-2019 06:58:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09963a.D

Injection Date: 30-Jul-2019 13:15:30 Instrument ID: CVOAMS16 Operator ID:

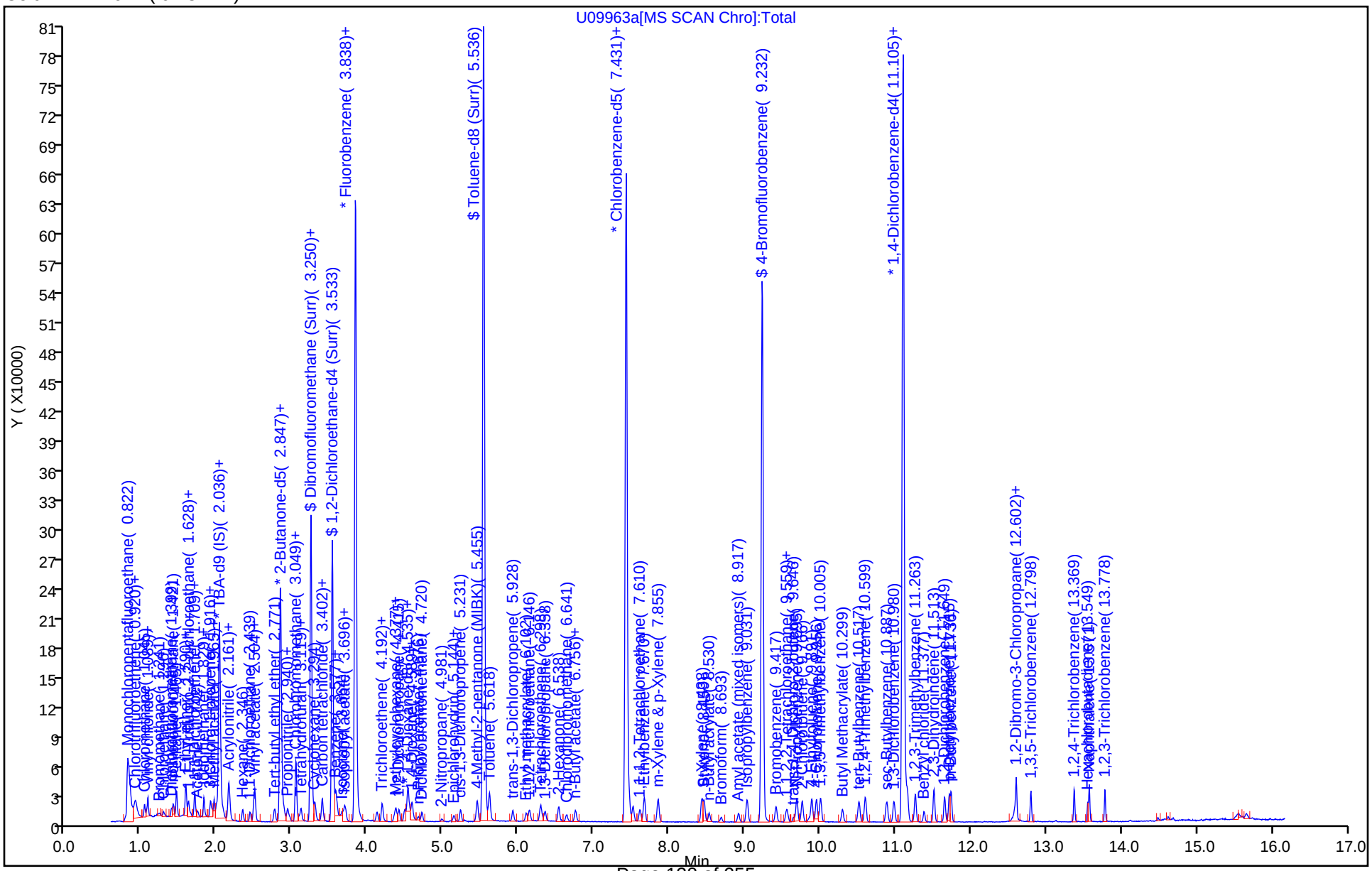
Lims ID: STD1 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 21

Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

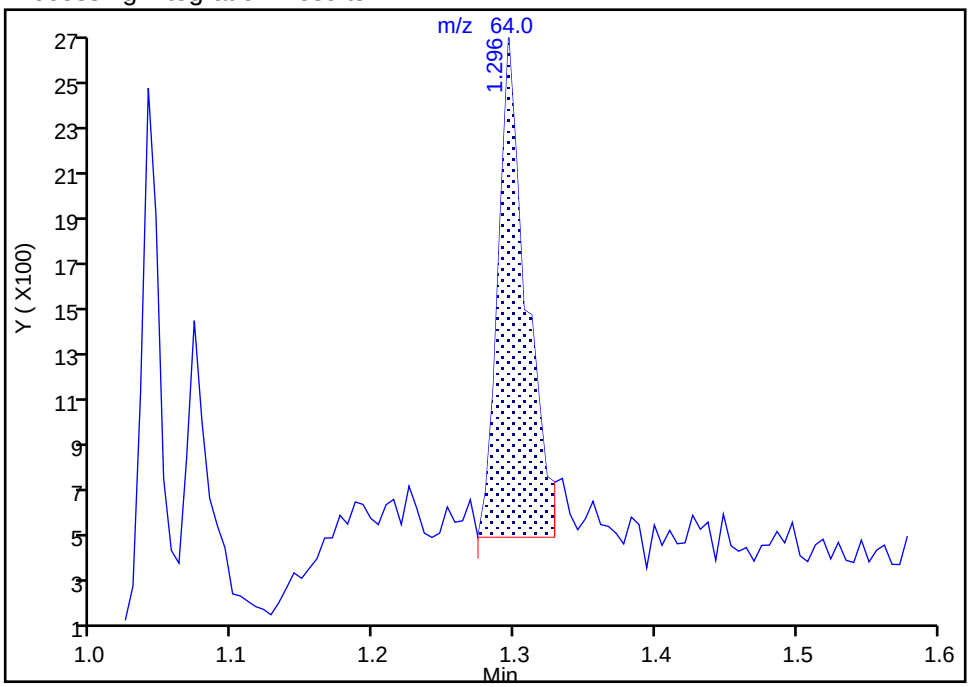
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09963a.D
Injection Date: 30-Jul-2019 13:15:30 Instrument ID: CVOAMS16
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

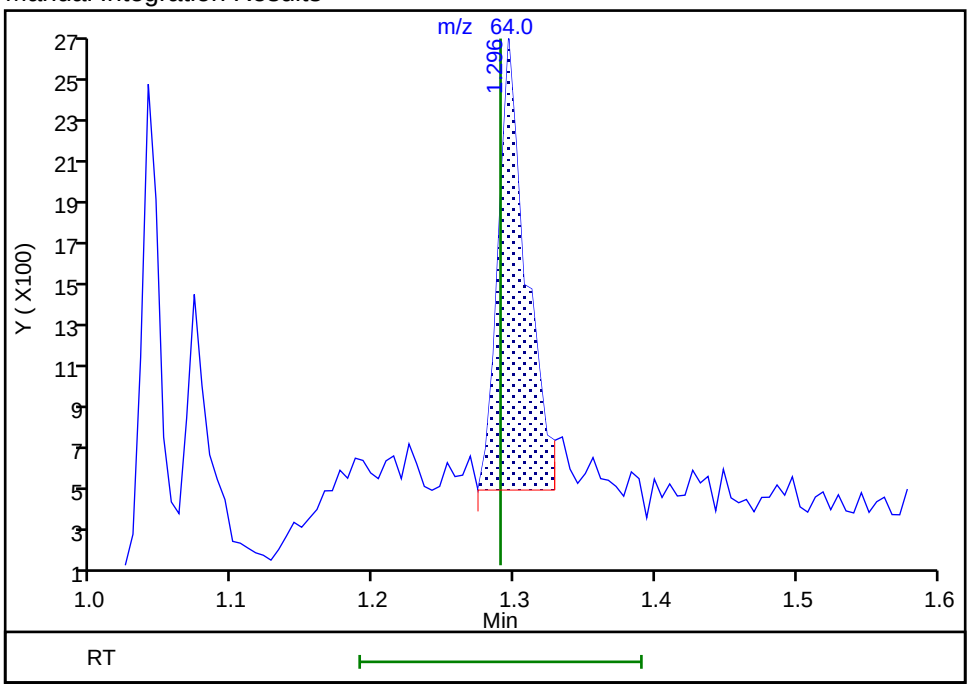
Processing Integration Results

RT: 1.30
Area: 3055
Amount: 4.872089
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 3055
Amount: 1.016673
Amount Units: ug/l



Reviewer: pakanatir, 31-Jul-2019 09:37:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

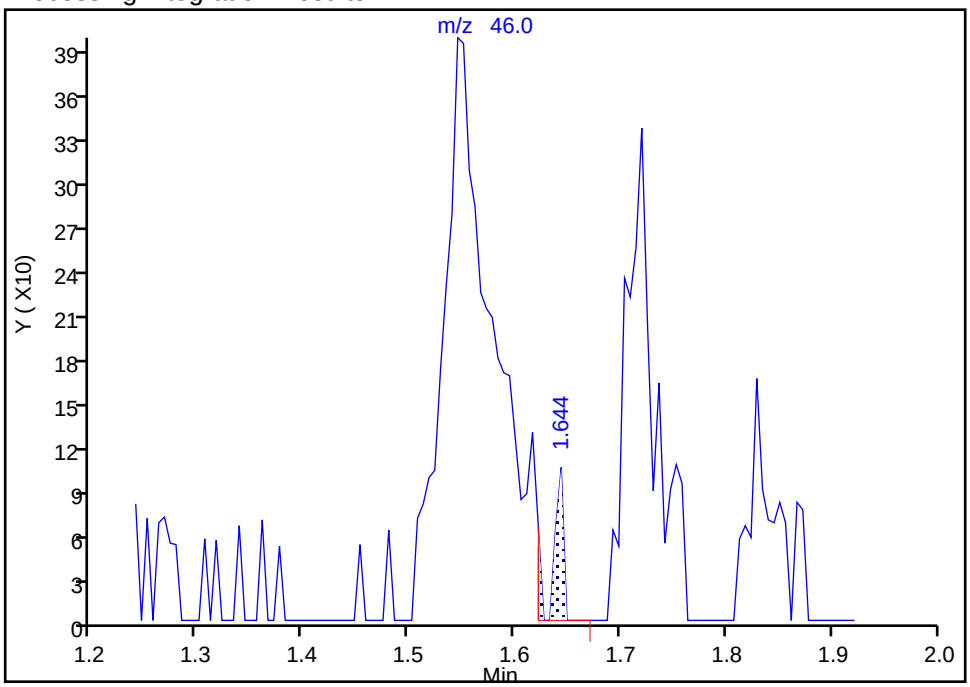
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09963a.D
Injection Date: 30-Jul-2019 13:15:30 Instrument ID: CVOAMS16
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

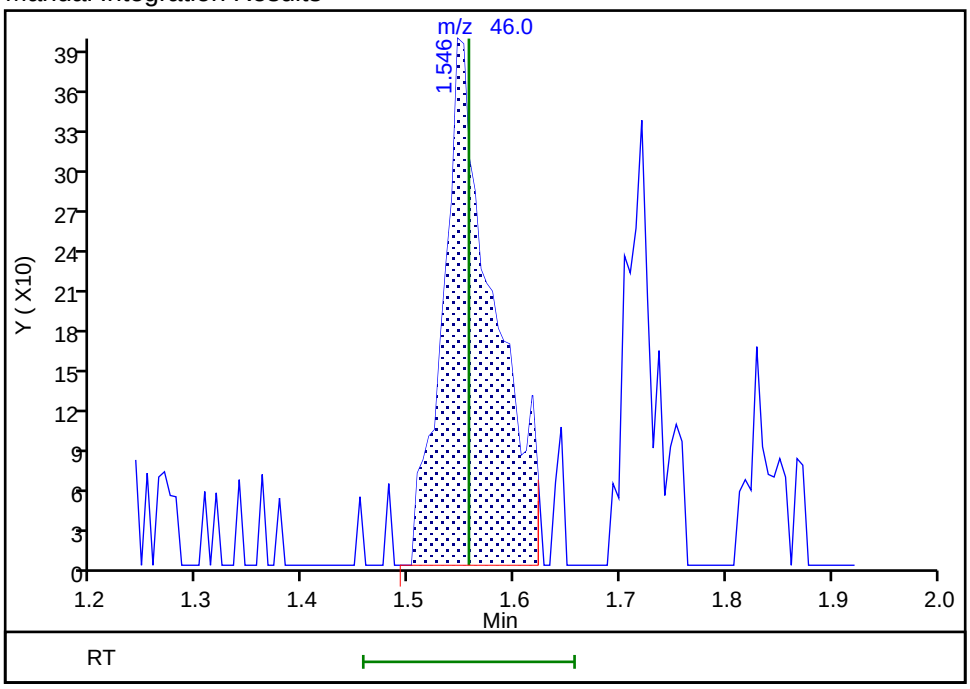
Processing Integration Results

RT: 1.64
Area: 76
Amount: 3.323075
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 1331
Amount: 52.033164
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:58:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

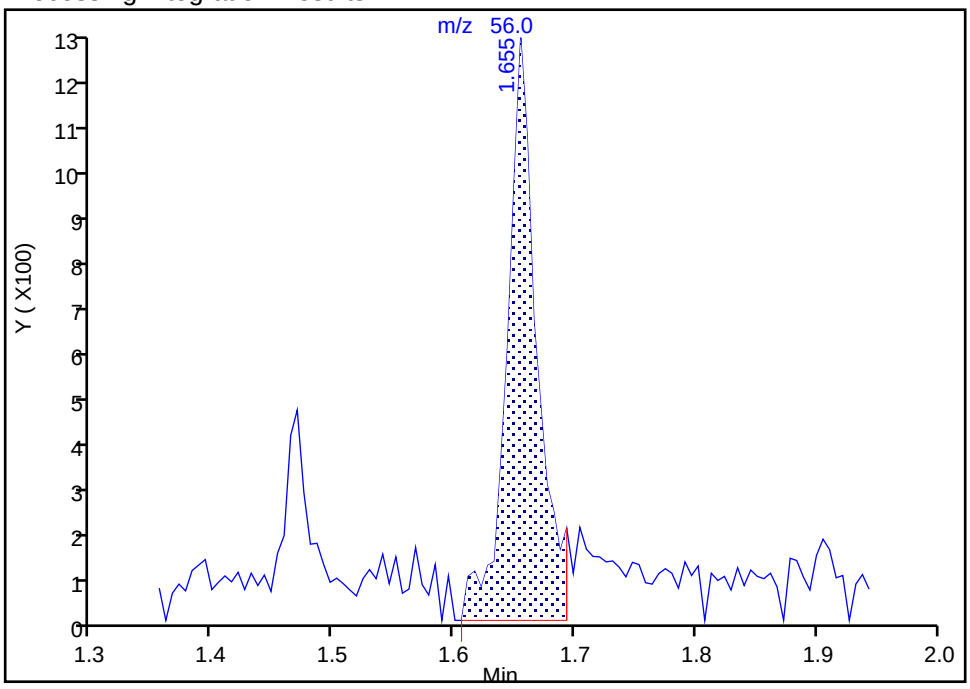
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09963a.D
Injection Date: 30-Jul-2019 13:15:30 Instrument ID: CVOAMS16
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

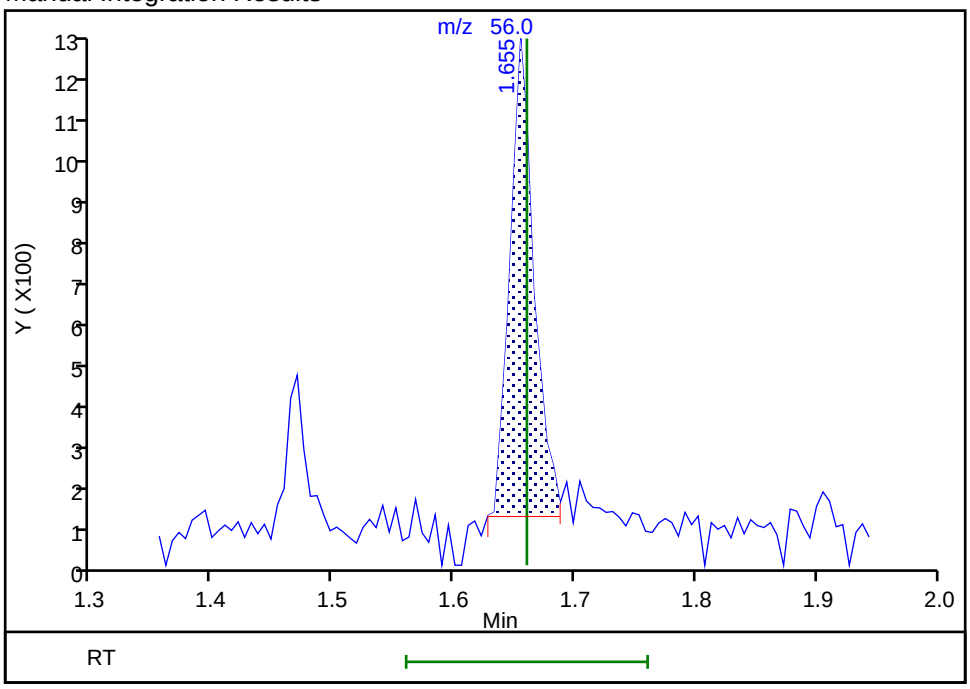
Processing Integration Results

RT: 1.66
Area: 2236
Amount: 4.376063
Amount Units: ug/l



Manual Integration Results

RT: 1.66
Area: 1612
Amount: 3.153910
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 18:08:49
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

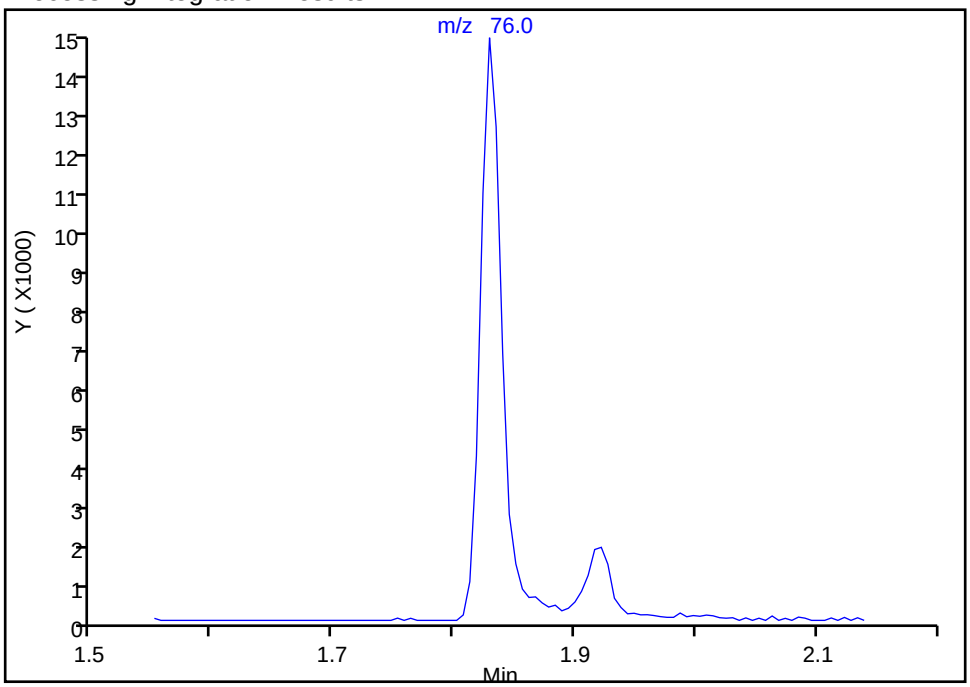
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09963a.D
Injection Date: 30-Jul-2019 13:15:30 Instrument ID: CVOAMS16
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

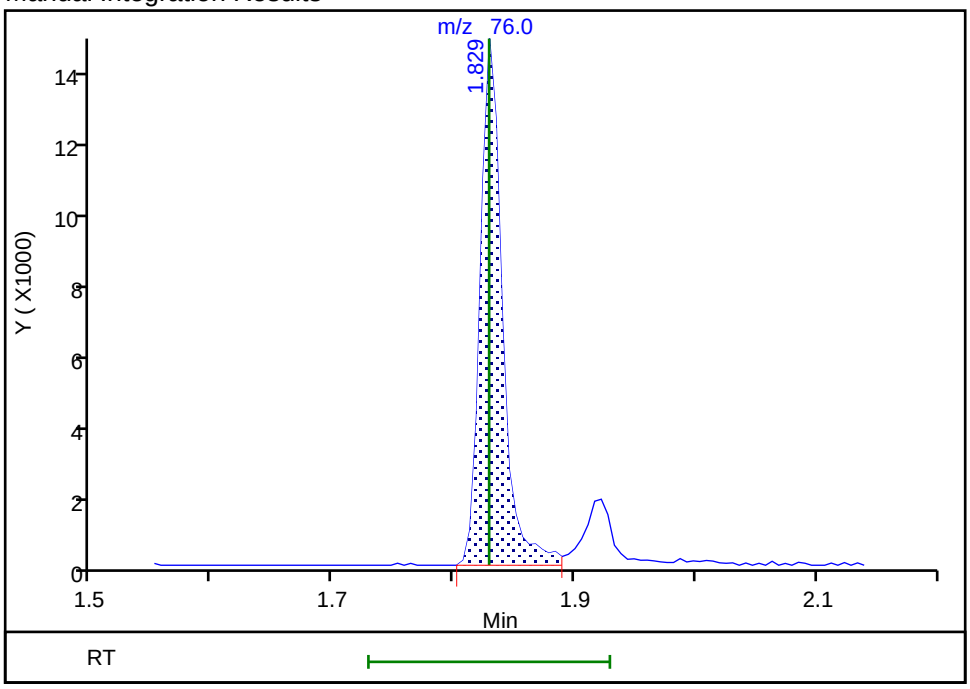
Not Detected
Expected RT: 1.83

Processing Integration Results



Manual Integration Results

RT: 1.83
Area: 18804
Amount: 0.997958
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:58:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

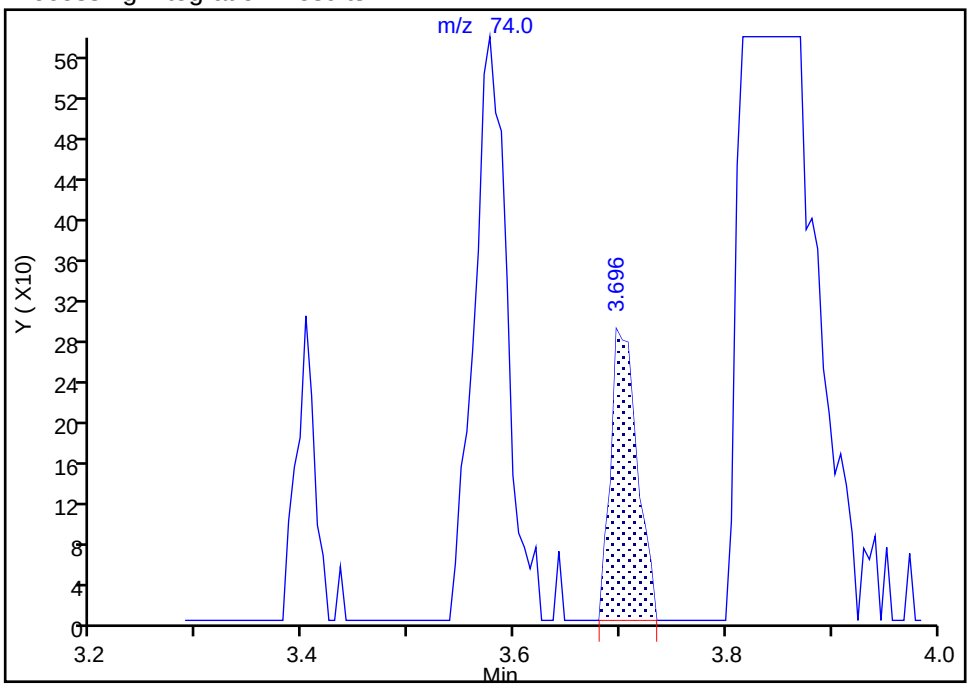
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09963a.D
Injection Date: 30-Jul-2019 13:15:30 Instrument ID: CVOAMS16
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

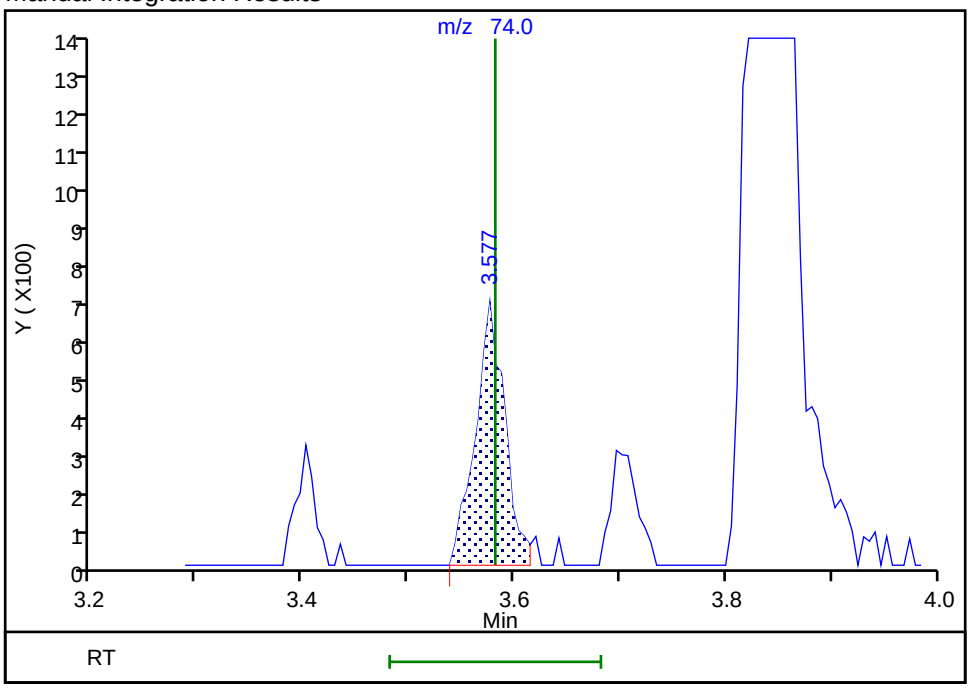
Processing Integration Results

RT: 3.70
Area: 498
Amount: 2.703222
Amount Units: ug/l



Manual Integration Results

RT: 3.58
Area: 1270
Amount: 28.040403
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 17:00:29
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

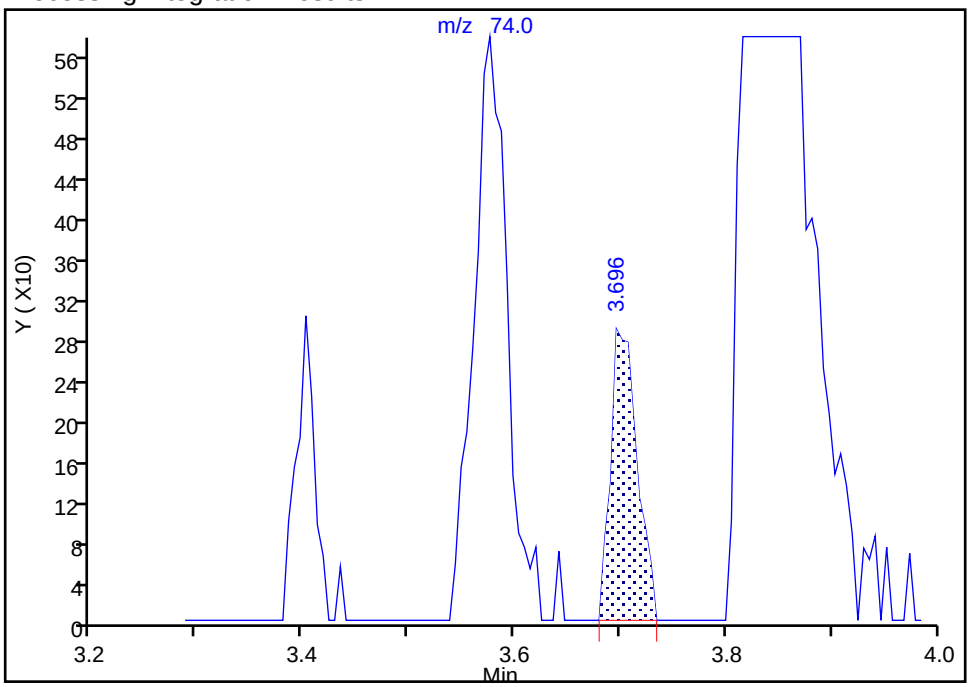
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09963a.D
Injection Date: 30-Jul-2019 13:15:30 Instrument ID: CVOAMS16
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

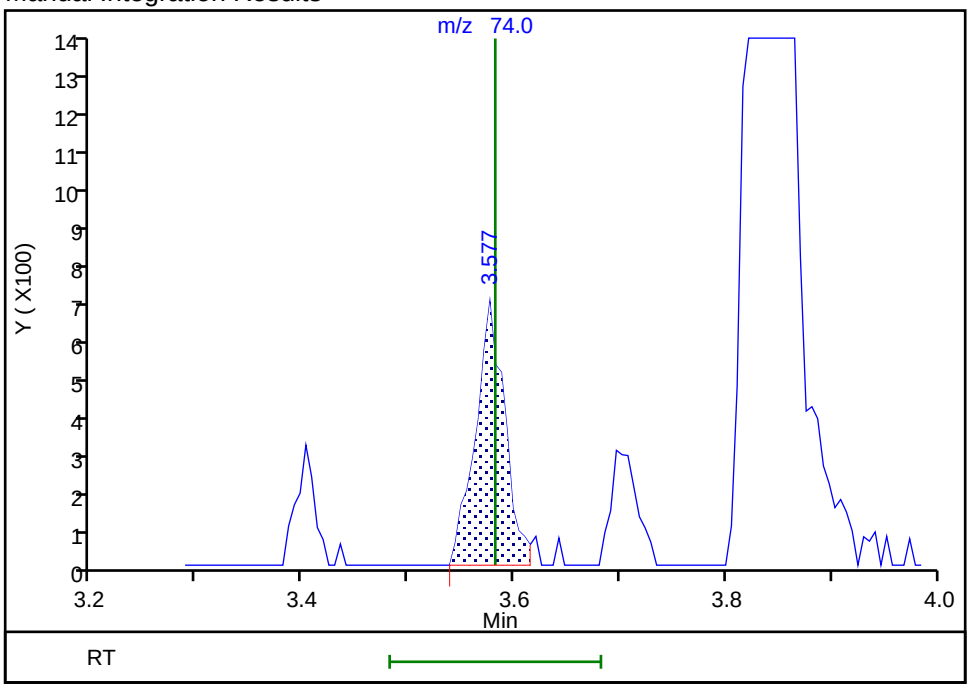
Processing Integration Results

RT: 3.70
Area: 498
Amount: 2.703222
Amount Units: ug/l



Manual Integration Results

RT: 3.58
Area: 1270
Amount: 28.040403
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 17:00:52
Audit Action: New Ref Spectrum Audit Reason:

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

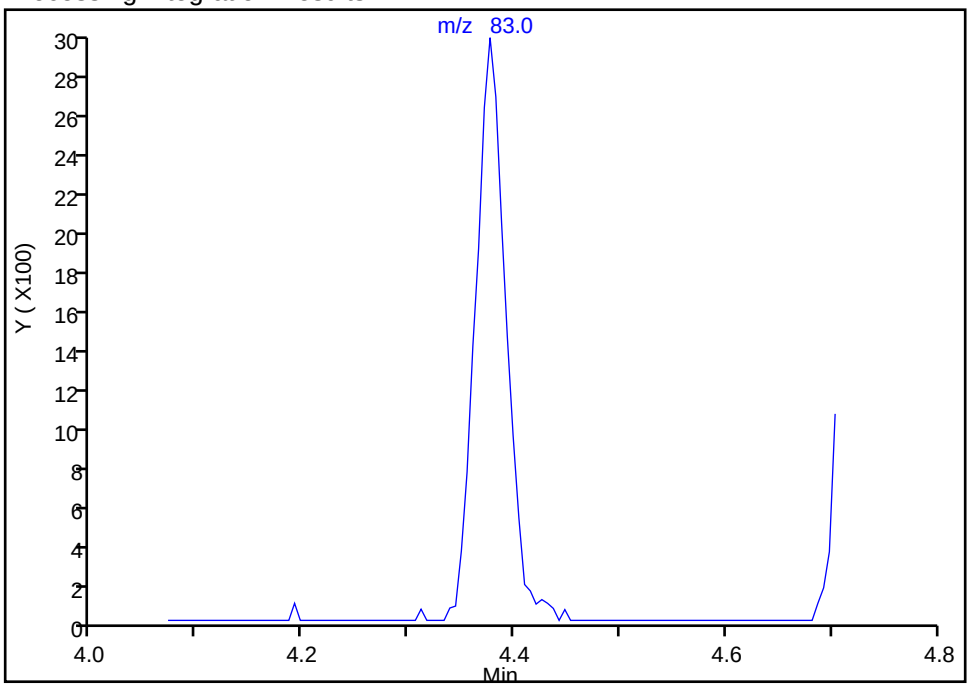
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09963a.D
Injection Date: 30-Jul-2019 13:15:30 Instrument ID: CVOAMS16
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

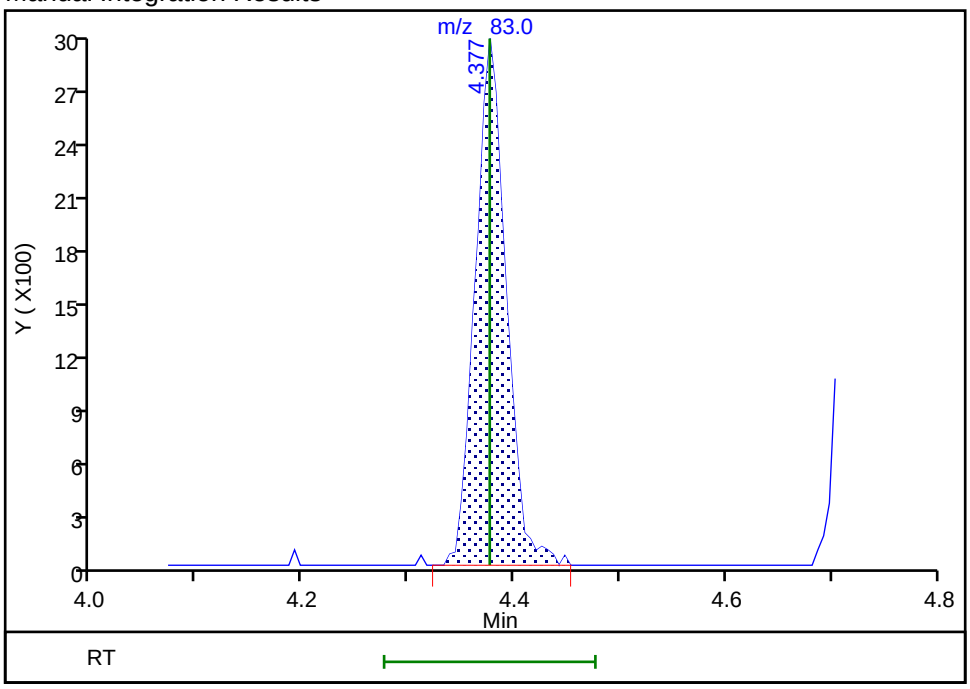
Not Detected
Expected RT: 4.38

Processing Integration Results



Manual Integration Results

RT: 4.38
Area: 6029
Amount: 0.982770
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:58:50
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

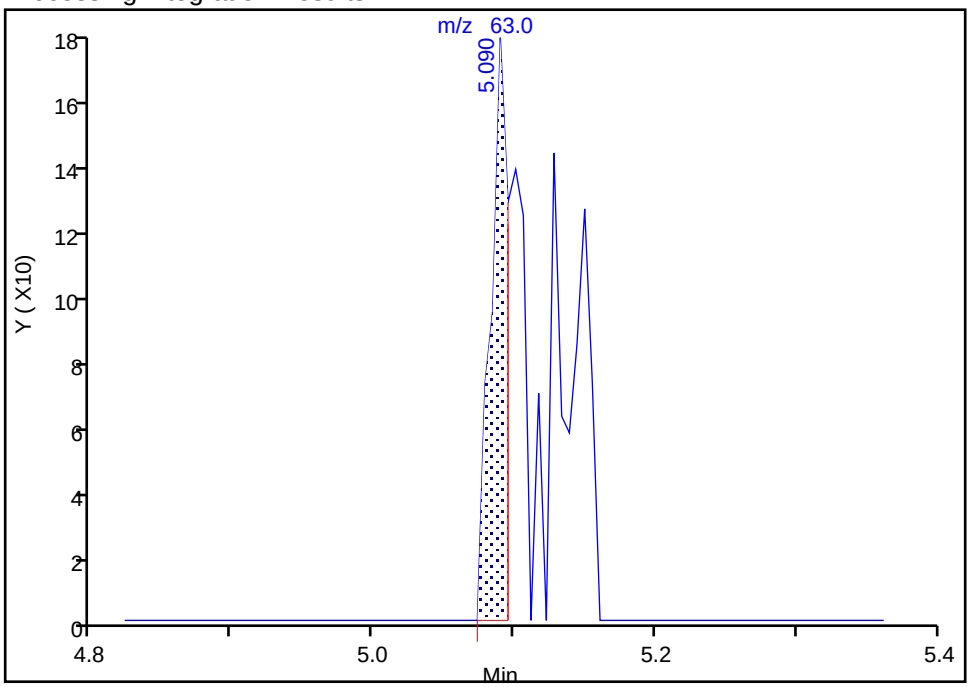
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09963a.D
Injection Date: 30-Jul-2019 13:15:30 Instrument ID: CVOAMS16
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

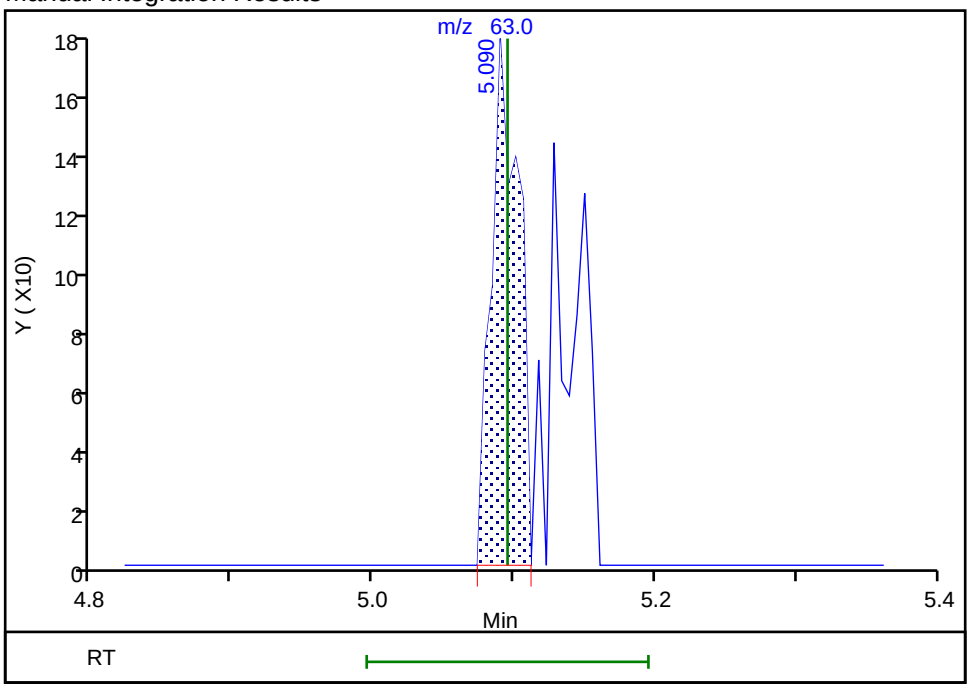
Processing Integration Results

RT: 5.09
Area: 154
Amount: 0.705410
Amount Units: ug/l



Manual Integration Results

RT: 5.09
Area: 239
Amount: 0.957241
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:59:15
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

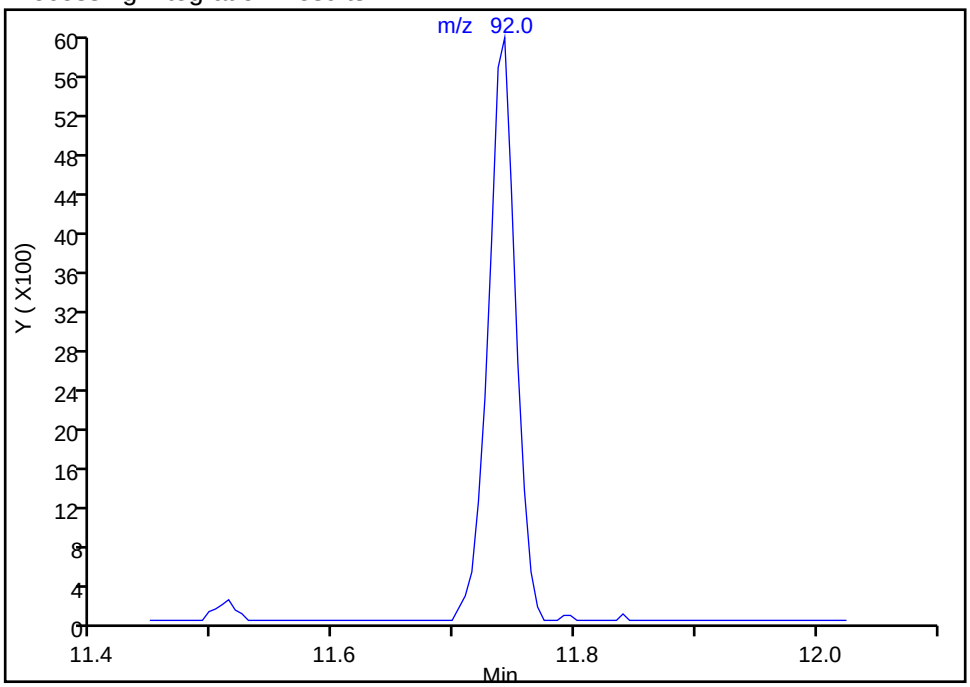
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09963a.D
Injection Date: 30-Jul-2019 13:15:30 Instrument ID: CVOAMS16
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Signal: 1

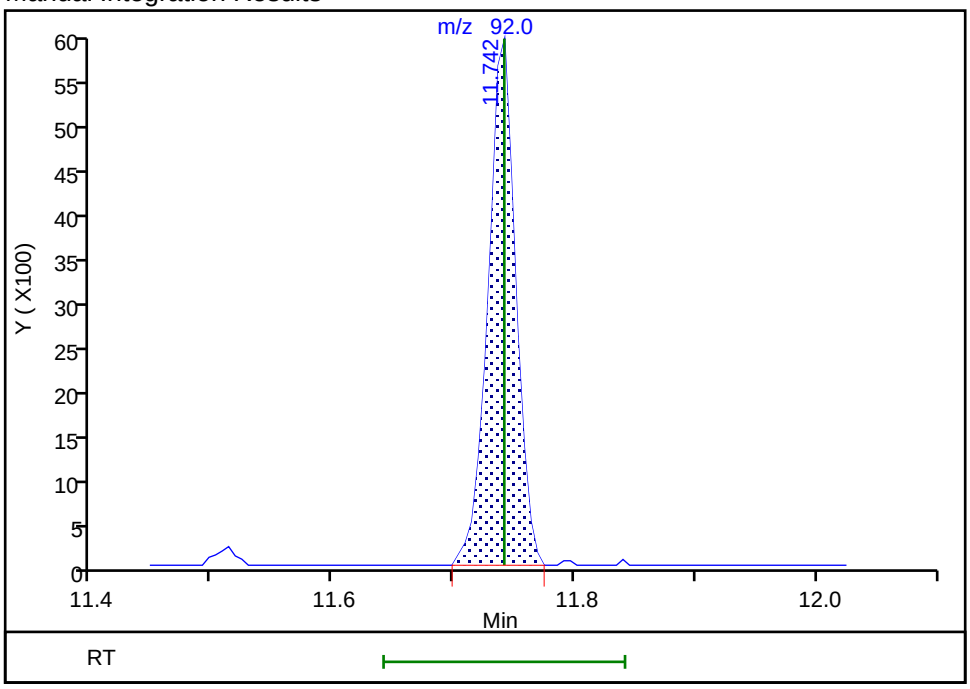
Not Detected
Expected RT: 11.74

Processing Integration Results



Manual Integration Results

RT: 11.74
Area: 9477
Amount: 1.079495
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:59:50
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09964a.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 30-Jul-2019 13:40:30 ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0095201-006
Operator ID: Instrument ID: CVOAMS16
Sublist: chrom-8260W_16*sub6

Method: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2019 11:29:09 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0324

First Level Reviewer: pakanatir Date: 30-Jul-2019 16:56:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.910	0.909	0.001	90	4503	5.00	2.52	
3 Dichlorodifluoromethane	85	0.926	0.925	0.001	99	35920	5.00	5.25	
4 1,1-Difluoroethane	65	0.926	0.925	0.001	85	11230	5.00	4.08	a
1 Monochloropentafluoroethan	137	0.926	0.931	-0.005	68	132	5.00	3.67	Ma
5 Chlorodifluoromethane	67	0.953	0.947	0.006	96	4714	5.00	4.74	
6 Chloromethane	50	1.046	1.050	-0.004	97	19402	5.00	4.83	
7 Vinyl chloride	62	1.073	1.072	0.001	98	26860	5.00	4.90	
8 Butadiene	54	1.090	1.089	0.001	96	23156	5.00	4.88	
9 Bromomethane	94	1.242	1.236	0.006	98	5791	5.00	5.06	
10 Chloroethane	64	1.296	1.290	0.006	99	15787	5.00	6.33	a
11 Dichlorofluoromethane	67	1.400	1.399	0.001	99	40535	5.00	5.14	
12 Trichlorofluoromethane	101	1.427	1.421	0.006	98	32769	5.00	5.01	
13 Pentane	72	1.471	1.464	0.007	96	6330	10.0	9.59	
14 Ethanol	46	1.552	1.557	-0.005	97	5539	200.0	201.1	
15 Ethyl ether	59	1.585	1.584	0.001	99	15202	5.00	5.01	
16 1,2-Dichloro-1,1,2-trifluo	117	1.590	1.589	0.001	94	18623	5.00	5.20	
17 2-Methyl-1,3-butadiene	53	1.596	1.595	0.001	88	15433	5.00	4.92	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.623	1.622	0.001	94	29880	5.00	4.91	
19 Acrolein	56	1.656	1.660	-0.004	79	5437	20.0	9.91	a
20 1,1-Dichloroethene	96	1.710	1.709	0.001	98	18338	5.00	4.75	
21 1,1,2-Trichloro-1,2,2-trif	101	1.710	1.709	0.001	99	19433	5.00	4.90	
22 Acetone	58	1.754	1.753	0.001	88	9782	25.0	24.6	
23 Iodomethane	127	1.797	1.796	0.001	97	1743	5.00	1.09	
24 Carbon disulfide	76	1.830	1.829	0.001	99	66709	5.00	4.97	
25 Isopropyl alcohol	45	1.841	1.845	-0.004	38	12196	50.0	50.4	
26 Acetonitrile	38	1.917	1.916	0.001	82	6470	50.0	53.2	
27 3-Chloro-1-propene	76	1.917	1.916	0.001	94	12384	5.00	3.99	
28 Methyl acetate	74	1.939	1.943	-0.004	99	7432	10.0	10.0	
29 Cyclopentene	67	1.966	1.965	0.001	95	47735	5.00	5.07	
30 Methylene Chloride	84	1.999	1.998	0.001	89	24075	5.00	5.03	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.037	2.041	-0.004	99	253215	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.091	2.090	0.001	99	19354	50.0	50.1	
33 Acrylonitrile	53	2.156	2.156	0.000	96	71168	50.0	51.3	
34 trans-1,2-Dichloroethene	96	2.162	2.161	0.001	93	21876	5.00	5.03	
35 Methyl tert-butyl ether	73	2.173	2.172	0.001	97	53190	5.00	5.02	
36 Hexane	57	2.347	2.346	0.001	93	23533	5.00	5.03	
37 1,1-Dichloroethane	63	2.445	2.444	0.001	100	35433	5.00	5.08	
38 Vinyl acetate	86	2.489	2.493	-0.004	100	6515	10.0	9.77	
39 Isopropyl ether	45	2.505	2.504	0.001	85	61914	5.00	5.19	
40 2-Chloro-1,3-butadiene	88	2.505	2.504	0.001	71	19295	5.00	4.75	
41 Tert-butyl ethyl ether	59	2.766	2.771	-0.005	89	52441	5.00	4.95	
* 42 2-Butanone-d5	46	2.848	2.847	0.001	0	253125	250.0	250.0	
43 2,2-Dichloropropane	97	2.864	2.863	0.001	82	7041	5.00	5.18	
44 cis-1,2-Dichloroethene	96	2.864	2.863	0.001	98	23966	5.00	5.11	
45 2-Butanone (MEK)	72	2.897	2.890	0.007	99	11589	25.0	25.5	
46 Propionitrile	52	2.940	2.939	0.001	94	5910	50.0	53.0	
47 Ethyl acetate	70	2.946	2.945	0.001	100	4310	10.0	10.2	
48 Methyl acrylate	55	2.968	2.967	0.001	98	21437	5.00	5.01	
49 Chlorobromomethane	128	3.049	3.048	0.001	90	11674	5.00	4.91	
50 Methacrylonitrile	67	3.055	3.054	0.001	90	84614	50.0	51.9	
51 Tetrahydrofuran	42	3.098	3.097	0.001	81	10960	10.0	9.96	
52 Chloroform	83	3.120	3.119	0.001	99	38041	5.00	5.38	
$ 53 Dibromofluoromethane (Surr	113	3.251	3.250	0.001	96	158551	50.0	50.0	
54 1,1,1-Trichloroethane	97	3.261	3.261	0.000	98	31290	5.00	5.24	
55 Cyclohexane	84	3.305	3.304	0.001	89	26638	5.00	4.85	
56 Carbon tetrachloride	117	3.398	3.397	0.001	95	25994	5.00	5.05	
57 1,1-Dichloropropene	75	3.403	3.402	0.001	97	28714	5.00	5.06	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.534	3.533	0.001	0	165761	50.0	50.6	
59 Isobutyl alcohol	74	3.583	3.582	0.001	94	6256	125.0	128.3	Ma
60 Benzene	78	3.583	3.582	0.001	95	86380	5.00	5.42	
61 1,2-Dichloroethane	62	3.599	3.603	-0.004	97	27611	5.00	5.21	
62 Isooctane	57	3.664	3.663	0.001	98	45926	5.00	5.04	
63 Isopropyl acetate	61	3.692	3.691	0.001	98	7404	5.00	4.80	
64 Tert-amyl methyl ether	87	3.702	3.701	0.001	91	16025	5.00	4.70	
* 65 Fluorobenzene	96	3.838	3.843	-0.005	99	539971	50.0	50.0	
66 n-Heptane	43	3.849	3.848	0.001	92	18981	5.00	4.99	
67 Trichloroethene	95	4.192	4.191	0.001	98	22610	5.00	5.12	
68 n-Butanol	56	4.198	4.202	-0.004	88	12267	125.0	120.4	
69 Ethyl acrylate	99	4.350	4.355	-0.005	98	3268	5.00	5.25	a
70 Methylcyclohexane	83	4.377	4.376	0.001	91	30724	5.00	5.05	a
71 1,2-Dichloropropane	63	4.416	4.420	-0.004	91	21641	5.00	5.16	
72 Dibromomethane	93	4.535	4.534	0.001	96	14195	5.00	5.17	
* 73 1,4-Dioxane-d8	96	4.535	4.540	-0.005	0	34727	1000.0	1000.0	
74 1,4-Dioxane	88	4.595	4.594	0.001	34	5689	100.0	112.4	
75 Methyl methacrylate	100	4.590	4.594	-0.004	88	11240	10.0	10.1	
76 n-Propyl acetate	43	4.671	4.676	-0.005	98	25102	5.00	5.20	
77 Dichlorobromomethane	83	4.720	4.719	0.001	99	29122	5.00	5.24	
78 2-Nitropropane	41	4.987	4.992	-0.005	98	8800	10.0	9.68	
79 2-Chloroethyl vinyl ether	63	5.101	5.095	0.006	87	1451	5.01	6.19	
80 Epichlorohydrin	57	5.145	5.144	0.001	99	28006	100.0	94.8	
81 cis-1,3-Dichloropropene	75	5.232	5.231	0.001	91	35228	5.00	5.15	
82 4-Methyl-2-pentanone (MIBK	43	5.455	5.454	0.001	96	80086	25.0	26.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.542	5.541	0.001	100	594545	50.0	50.7	
84 Toluene	91	5.619	5.618	0.001	93	92276	5.00	5.47	
85 trans-1,3-Dichloropropene	75	5.929	5.928	0.001	95	31323	5.00	5.08	
86 Ethyl methacrylate	69	6.103	6.107	-0.004	89	24315	5.00	4.97	
87 1,1,2-Trichloroethane	83	6.147	6.146	0.001	94	16817	5.00	5.19	
88 Tetrachloroethene	166	6.299	6.298	0.001	96	22337	5.00	5.20	
89 1,3-Dichloropropane	76	6.353	6.352	0.001	92	32902	5.00	5.29	
90 2-Hexanone	43	6.533	6.538	-0.005	95	57145	25.0	26.4	
91 Chlorodibromomethane	129	6.636	6.641	-0.005	97	22264	5.00	5.08	
92 n-Butyl acetate	43	6.756	6.755	0.001	99	26384	5.00	4.98	
93 Ethylene Dibromide	107	6.762	6.761	0.001	100	20500	5.00	5.16	
* 94 Chlorobenzene-d5	117	7.431	7.430	0.001	85	439897	50.0	50.0	
95 Chlorobenzene	112	7.469	7.468	0.001	96	63187	5.00	5.37	
96 1,1,1,2-Tetrachloroethane	131	7.611	7.615	-0.004	96	21240	5.00	5.10	
97 Ethylbenzene	106	7.671	7.670	0.001	98	31916	5.00	5.12	
98 m-Xylene & p-Xylene	106	7.856	7.855	0.001	0	39716	5.00	5.13	
99 o-Xylene	106	8.433	8.432	0.001	94	38763	5.00	5.12	
100 Styrene	104	8.465	8.465	0.001	96	65585	5.00	5.16	
101 n-Butyl acrylate	73	8.531	8.530	0.001	98	15206	5.00	4.87	
102 Bromoform	173	8.694	8.688	0.006	97	13951	5.00	4.90	
103 Amyl acetate (mixed isomer	43	8.923	8.922	0.001	91	30658	5.00	4.92	
104 Isopropylbenzene	105	9.032	9.036	-0.004	95	95827	5.00	5.28	
$ 105 4-Bromofluorobenzene	174	9.238	9.237	0.001	91	189128	50.0	49.5	
106 Bromobenzene	156	9.418	9.417	0.001	98	26814	5.00	5.09	
107 1,1,2,2-Tetrachloroethane	83	9.554	9.553	0.001	97	26809	5.00	5.18	
108 1,2,3-Trichloropropane	110	9.570	9.570	0.000	98	7123	5.00	5.09	
109 trans-1,4-Dichloro-2-buten	53	9.652	9.646	0.006	92	6247	5.00	4.92	
110 N-Propylbenzene	91	9.690	9.695	-0.005	99	119834	5.00	5.31	
111 2-Chlorotoluene	91	9.761	9.765	-0.004	97	72881	5.00	5.25	
112 4-Ethyltoluene	105	9.892	9.891	0.001	99	99869	5.00	5.21	
113 4-Chlorotoluene	91	9.952	9.956	-0.004	97	78438	5.00	5.43	
114 1,3,5-Trimethylbenzene	105	10.006	10.010	-0.004	93	83200	5.00	5.25	
115 Butyl Methacrylate	87	10.300	10.299	0.001	88	28472	5.00	4.87	
116 tert-Butylbenzene	119	10.518	10.517	0.001	93	66726	5.00	5.16	
117 1,2,4-Trimethylbenzene	105	10.599	10.604	-0.005	97	88198	5.00	5.27	
118 sec-Butylbenzene	105	10.888	10.887	0.001	99	99009	5.00	5.25	
119 1,3-Dichlorobenzene	146	10.980	10.979	0.001	97	53173	5.00	5.29	
* 120 1,4-Dichlorobenzene-d4	152	11.106	11.105	0.001	96	259341	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.138	11.143	-0.005	94	53847	5.00	5.22	
122 4-Isopropyltoluene	119	11.160	11.159	0.001	98	86053	5.00	5.20	
123 1,2,3-Trimethylbenzene	105	11.263	11.268	-0.005	98	93699	5.00	5.36	
124 Benzyl chloride	126	11.378	11.382	-0.004	99	9838	5.00	4.71	
125 2,3-Dihydroindene	117	11.514	11.513	0.001	94	92171	5.00	5.34	
126 1,2-Dichlorobenzene	146	11.655	11.654	0.001	95	52630	5.00	5.27	
127 p-Diethylbenzene	119	11.715	11.714	0.001	92	48609	5.00	5.12	
128 n-Butylbenzene	92	11.742	11.741	0.001	97	45777	5.00	5.17	a
129 1,2-Dibromo-3-Chloropropan	75	12.581	12.580	0.001	96	5895	5.00	5.07	
130 1,2,4,5-Tetramethylbenzene	119	12.602	12.602	0.000	97	85231	5.00	5.28	
131 1,3,5-Trichlorobenzene	180	12.798	12.797	0.001	98	37913	5.00	5.33	
132 1,2,4-Trichlorobenzene	180	13.370	13.375	-0.004	94	35486	5.00	5.34	
133 Hexachlorobutadiene	225	13.555	13.554	0.001	93	11997	5.00	5.30	
134 Naphthalene	128	13.571	13.570	0.001	99	90541	5.00	5.49	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.778	13.783	-0.005	95	32326	5.00	5.28	
S 137 1,2-Dichloroethene, Total	100				0		10.0	10.1	
S 138 Xylenes, Total	100				0		10.0	10.3	
S 139 Total BTEX	1				0		25.0	26.3	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00008	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00102	Amount Added:	10.00	Units: uL	
GASES Li_00325	Amount Added:	10.00	Units: uL	
ACROLEIN W_00093	Amount Added:	4.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00199	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2019 11:29:14 Chrom Revision: 2.3 15-Jul-2019 06:58:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09964a.D

Injection Date: 30-Jul-2019 13:40:30 Instrument ID: CVOAMS16 Operator ID:

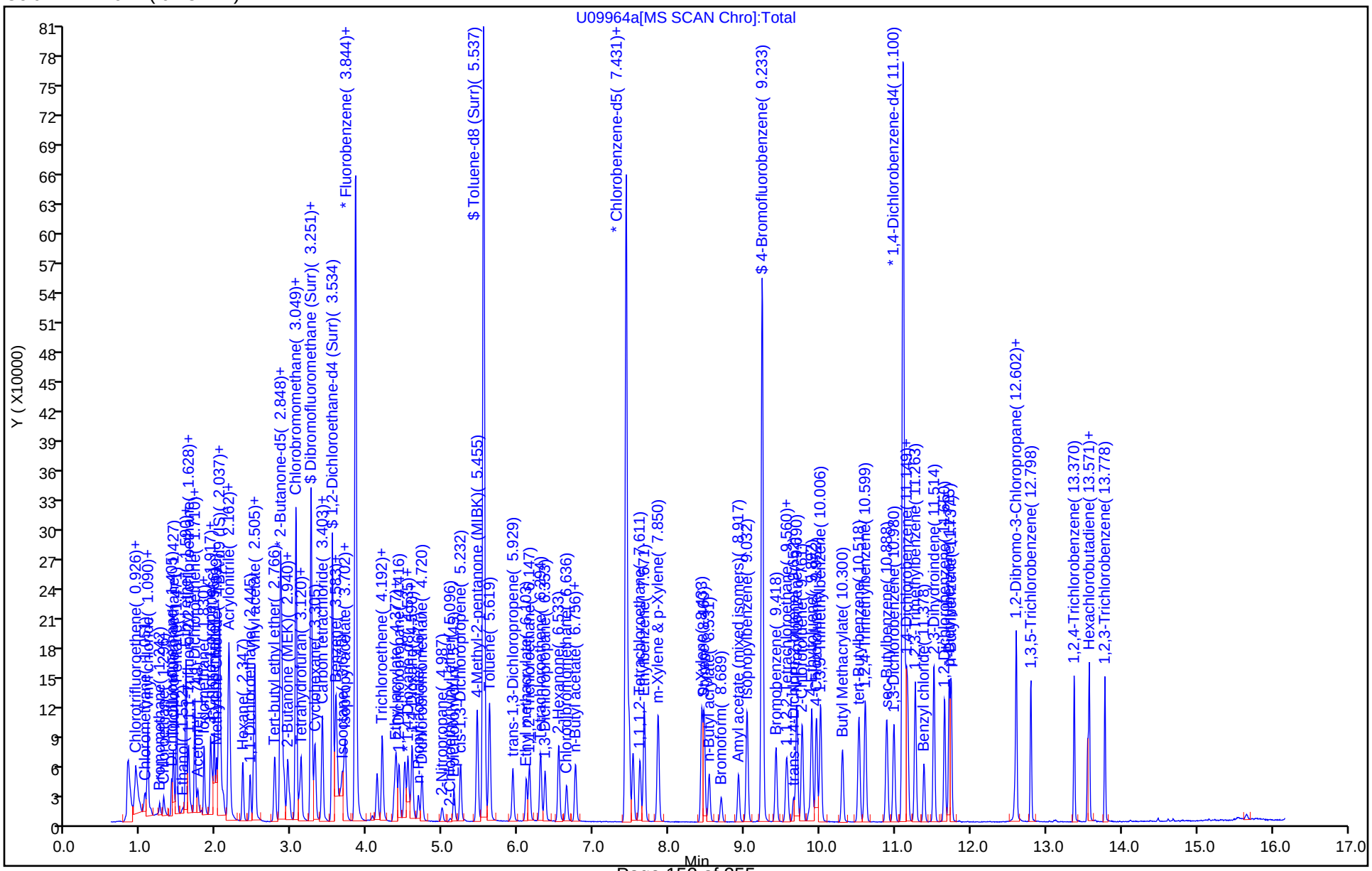
Lims ID: STD5 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 22

Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

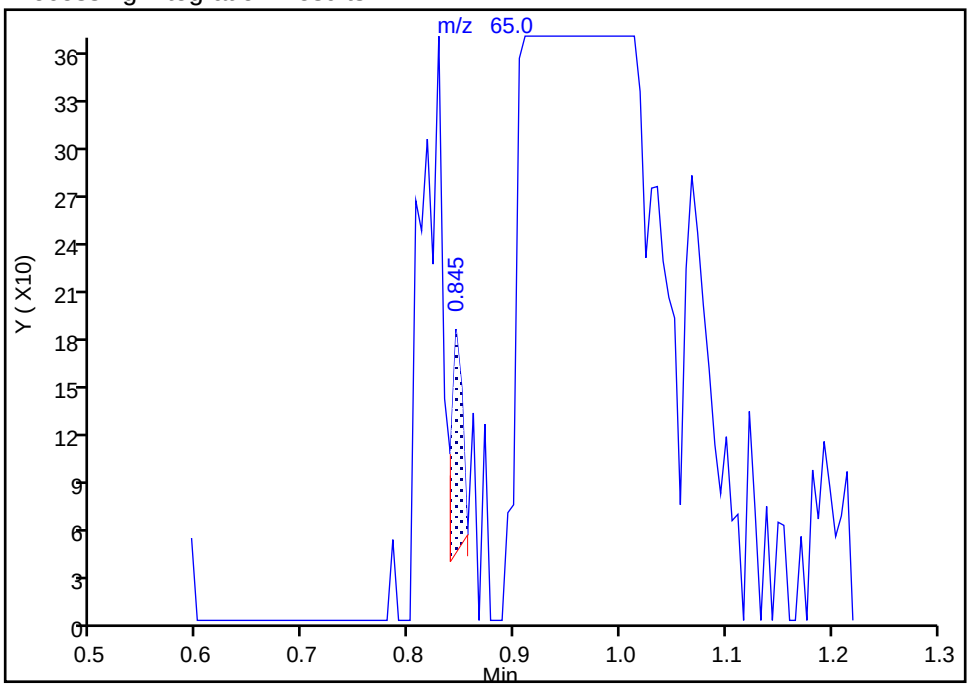
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09964a.D
Injection Date: 30-Jul-2019 13:40:30 Instrument ID: CVOAMS16
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

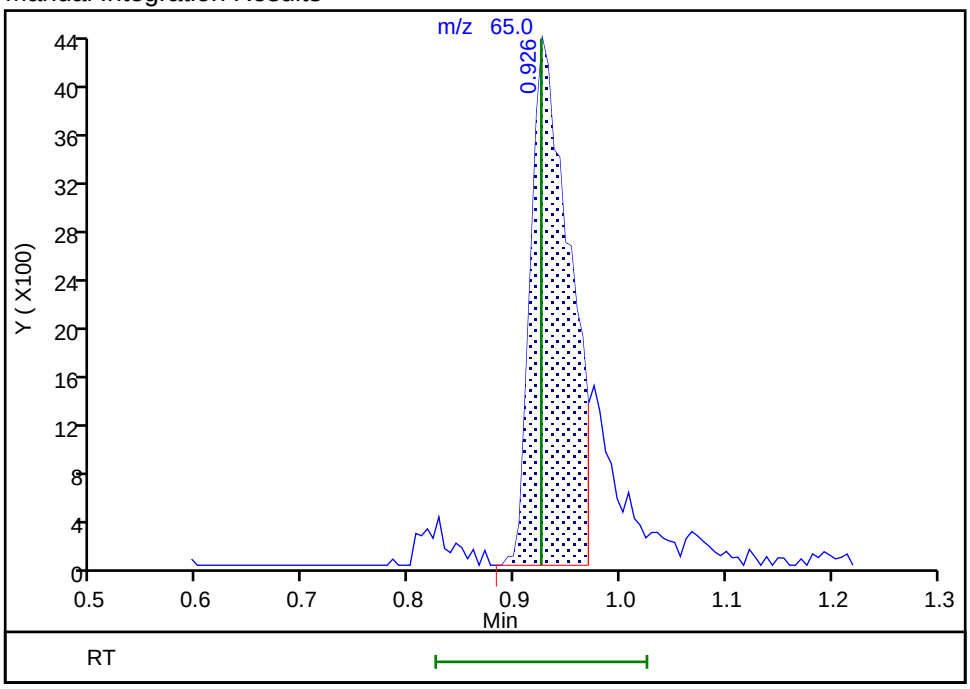
Processing Integration Results

RT: 0.84
Area: 101
Amount: 0.031366
Amount Units: ug/l



Manual Integration Results

RT: 0.93
Area: 11230
Amount: 4.083177
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:52:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

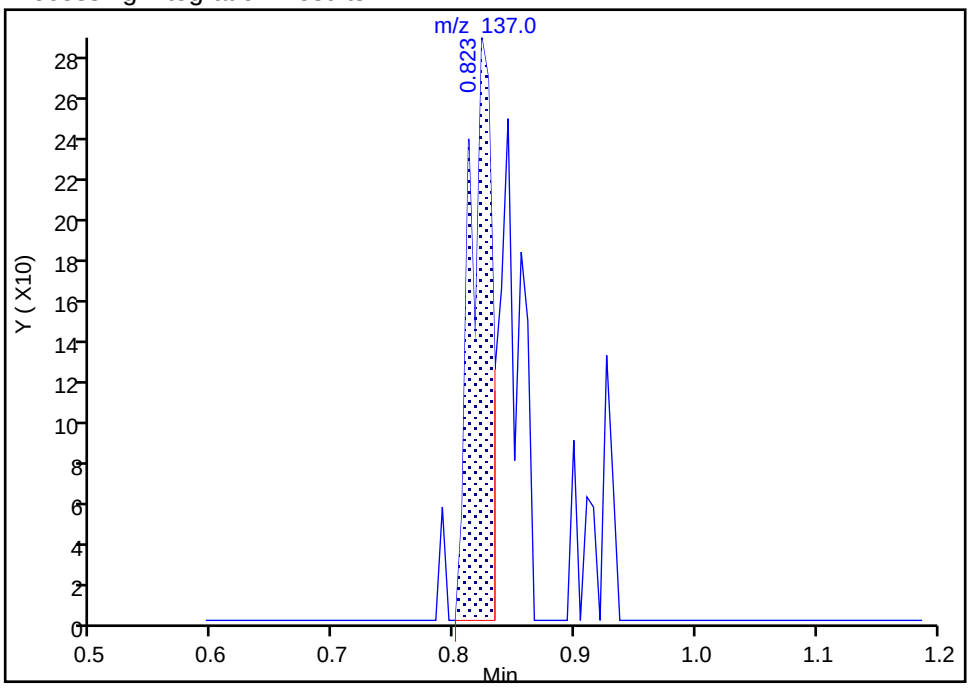
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09964a.D
Injection Date: 30-Jul-2019 13:40:30 Instrument ID: CVOAMS16
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

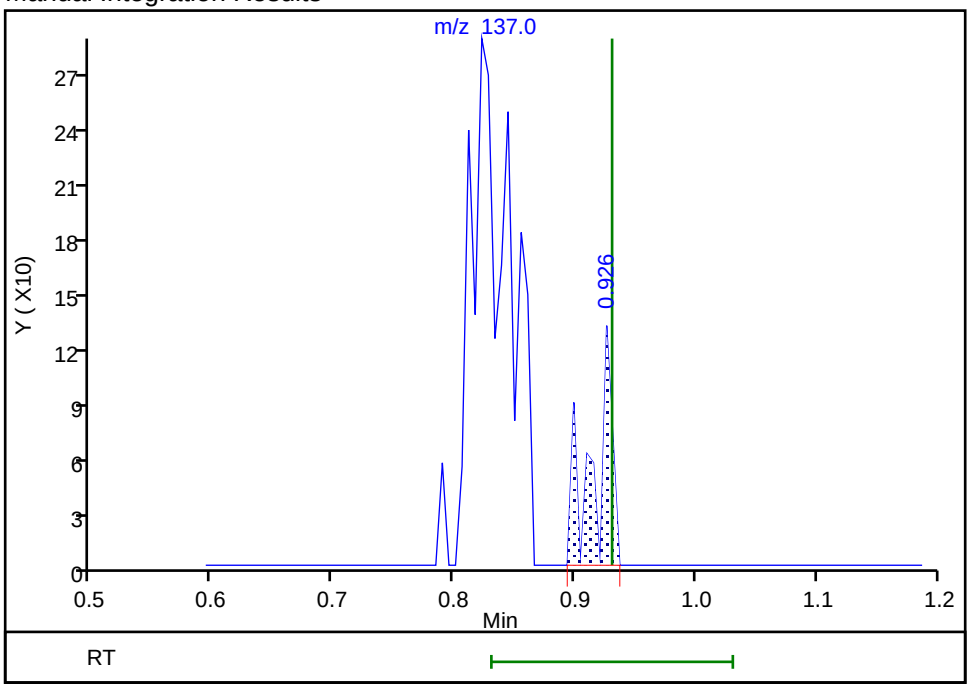
Processing Integration Results

RT: 0.82
Area: 362
Amount: 9.958186
Amount Units: ug/l



Manual Integration Results

RT: 0.93
Area: 132
Amount: 3.674312
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 17:50:26
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

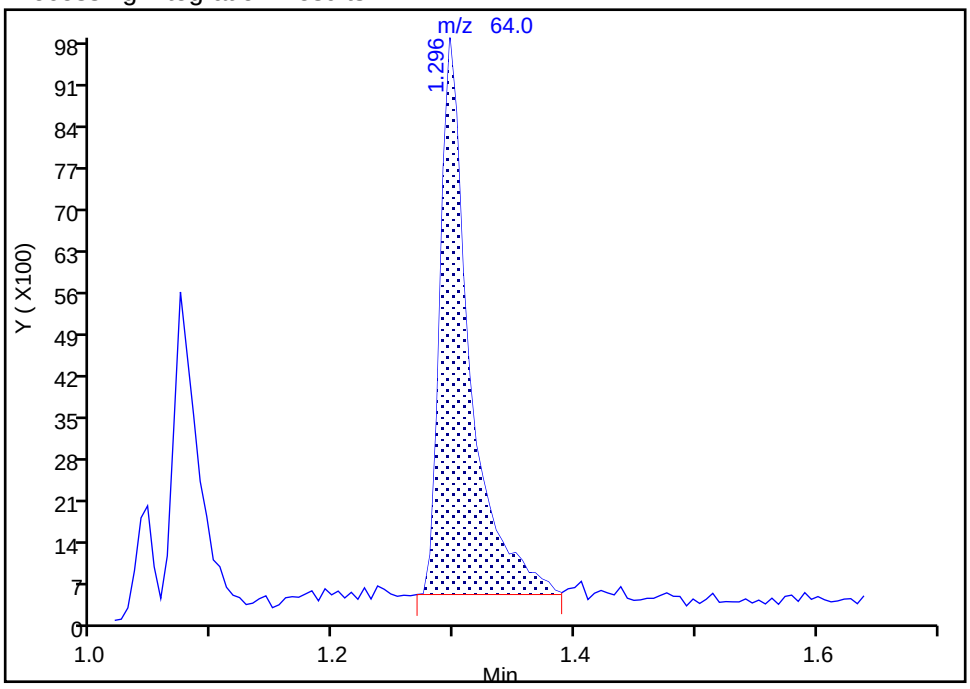
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09964a.D
Injection Date: 30-Jul-2019 13:40:30 Instrument ID: CVOAMS16
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

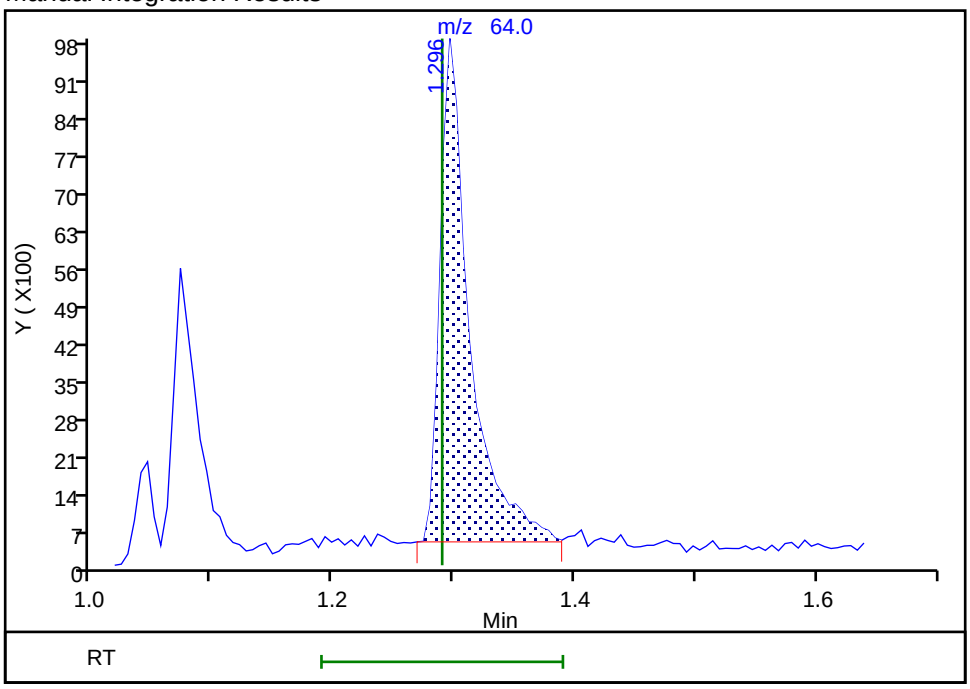
Processing Integration Results

RT: 1.30
Area: 15787
Amount: 7.890959
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 15787
Amount: 6.329193
Amount Units: ug/l



Reviewer: pakanatir, 31-Jul-2019 09:36:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

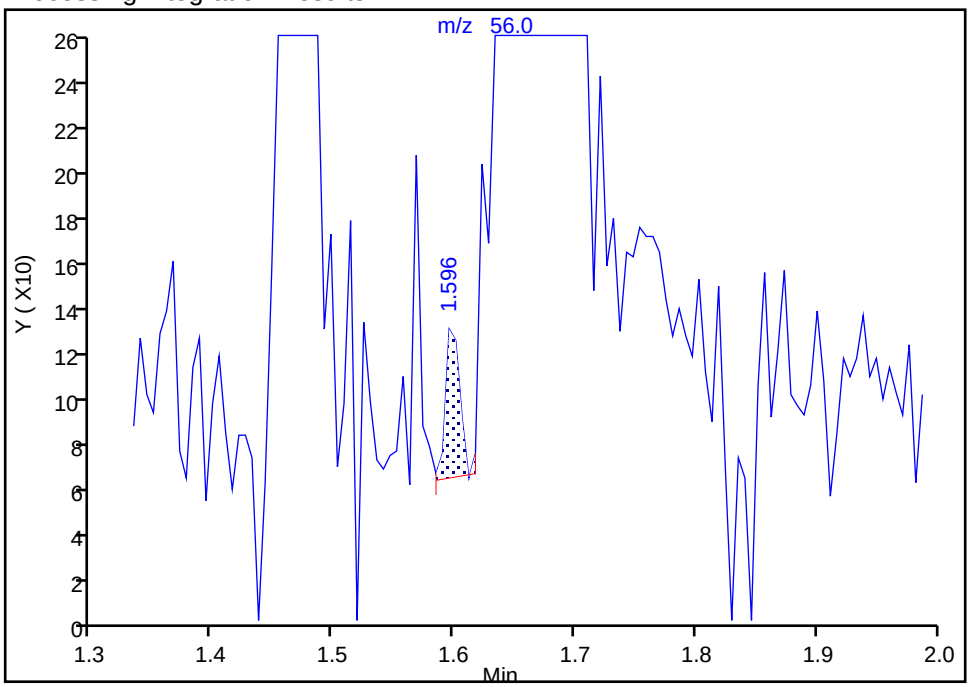
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09964a.D
Injection Date: 30-Jul-2019 13:40:30 Instrument ID: CVOAMS16
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

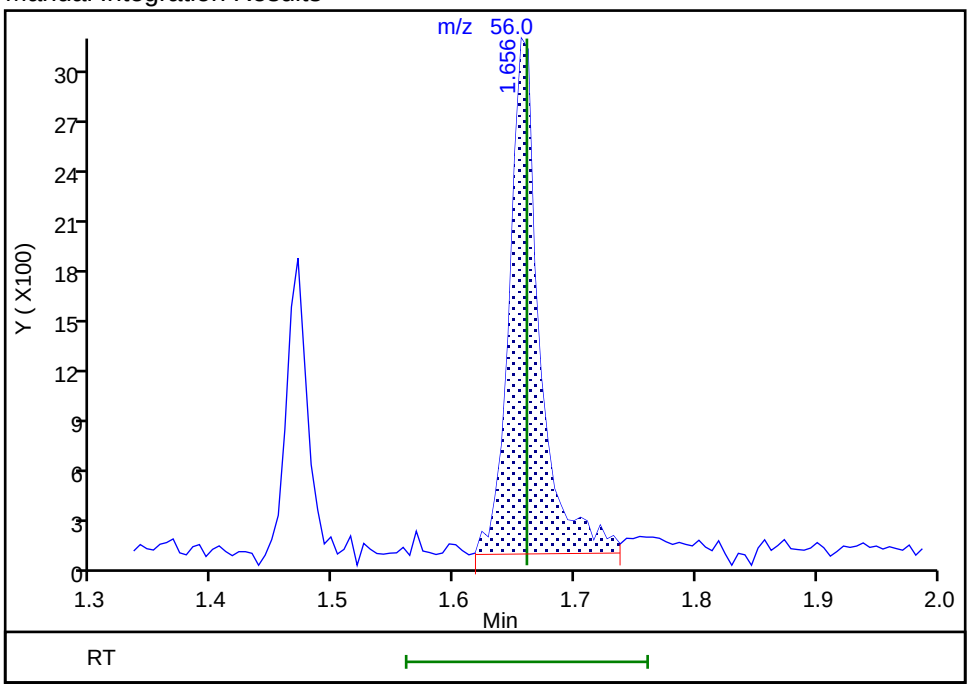
Processing Integration Results

RT: 1.60
Area: 57
Amount: 0.104556
Amount Units: ug/l



Manual Integration Results

RT: 1.66
Area: 5437
Amount: 9.910466
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:52:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

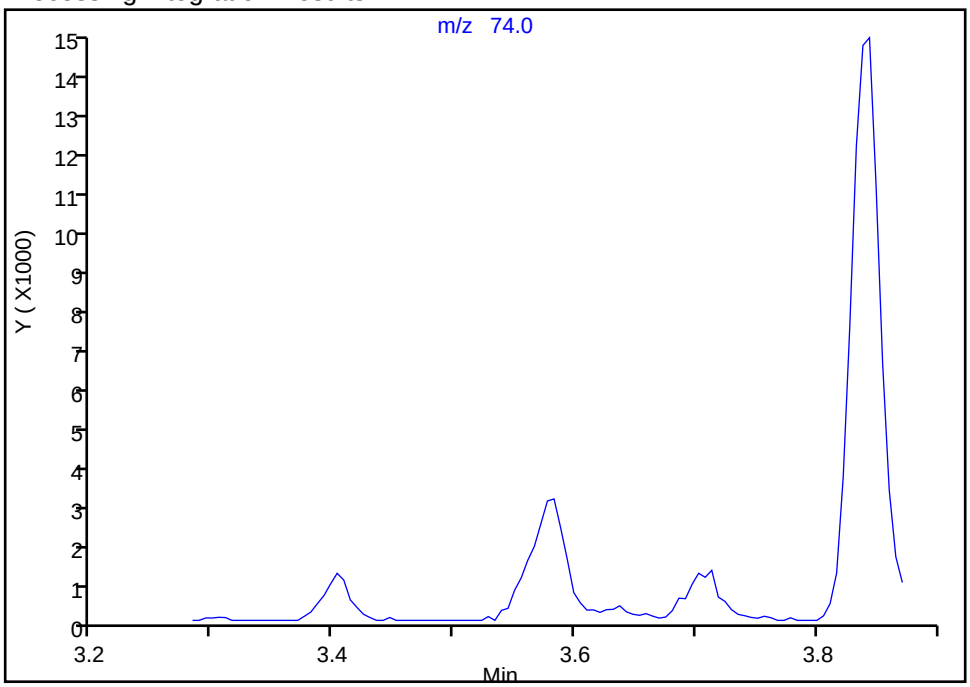
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09964a.D
Injection Date: 30-Jul-2019 13:40:30 Instrument ID: CVOAMS16
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

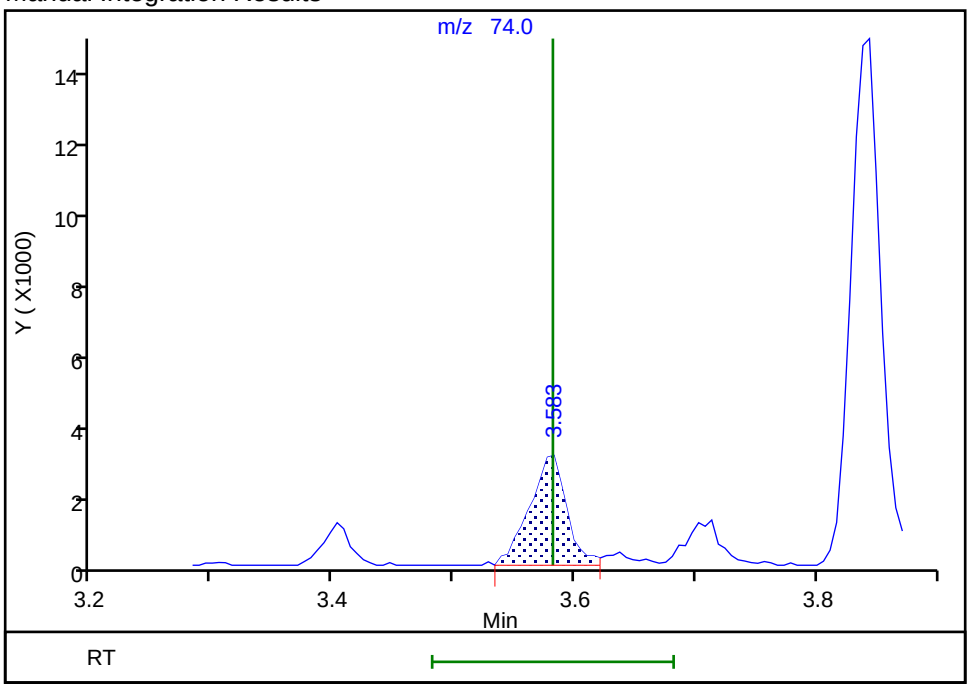
Not Detected
Expected RT: 3.58

Processing Integration Results



Manual Integration Results

RT: 3.58
Area: 6256
Amount: 128.2696
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 17:02:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

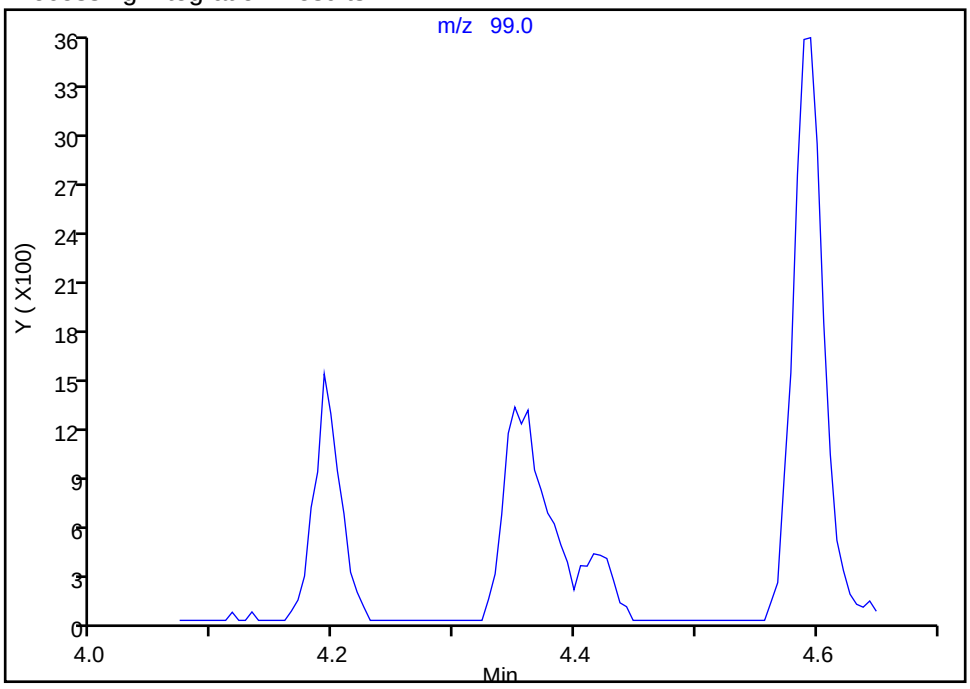
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09964a.D
Injection Date: 30-Jul-2019 13:40:30 Instrument ID: CVOAMS16
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

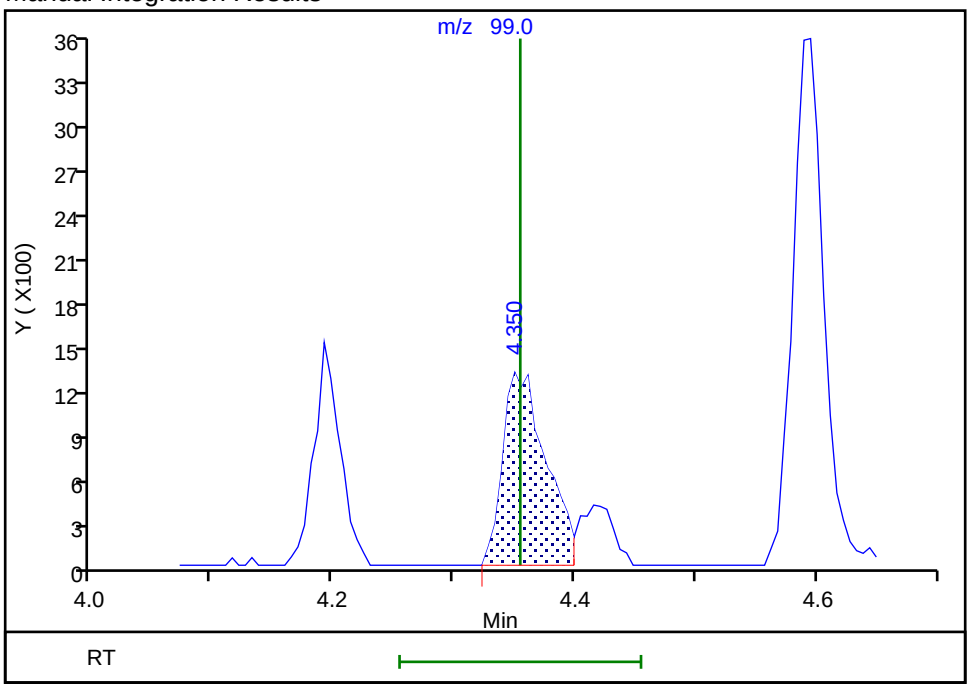
Not Detected
Expected RT: 4.35

Processing Integration Results



Manual Integration Results

RT: 4.35
Area: 3268
Amount: 5.252374
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:52:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

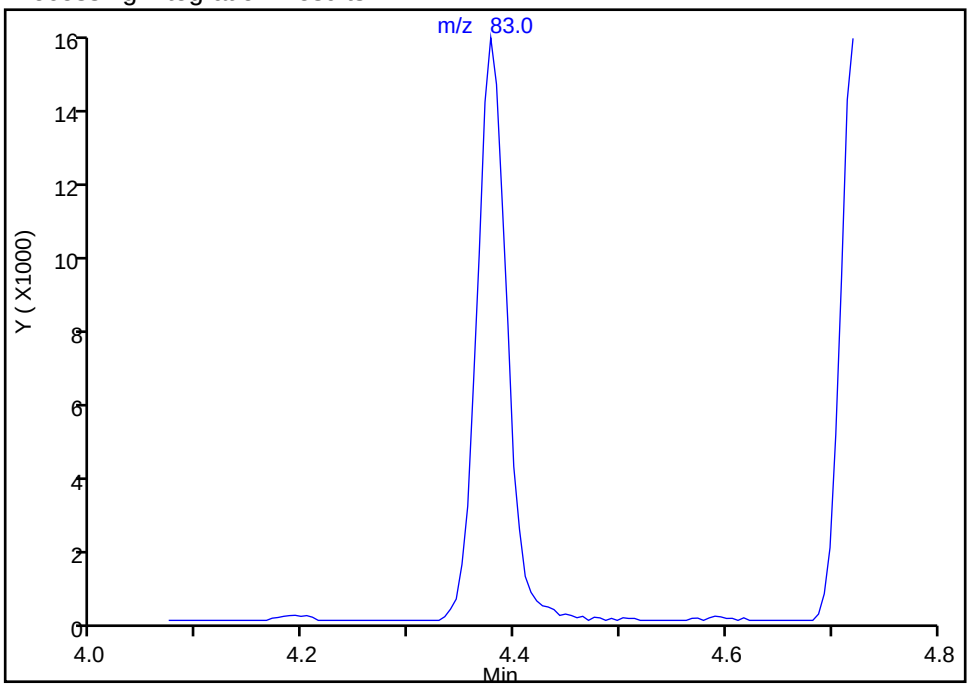
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09964a.D
Injection Date: 30-Jul-2019 13:40:30 Instrument ID: CVOAMS16
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

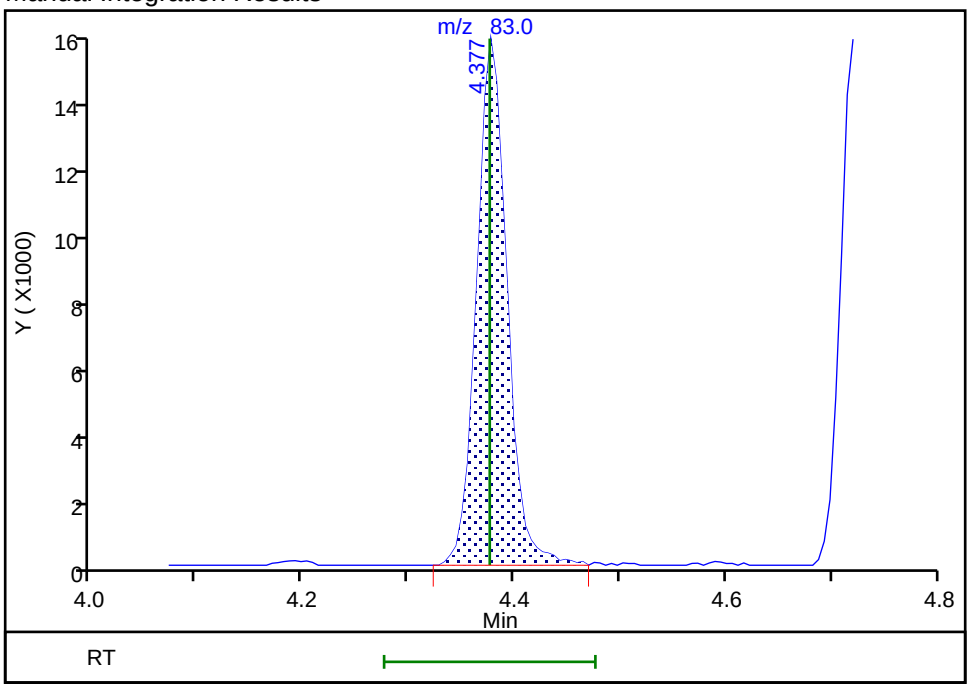
Not Detected
Expected RT: 4.38

Processing Integration Results



Manual Integration Results

RT: 4.38
Area: 30724
Amount: 5.045055
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:55:25
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

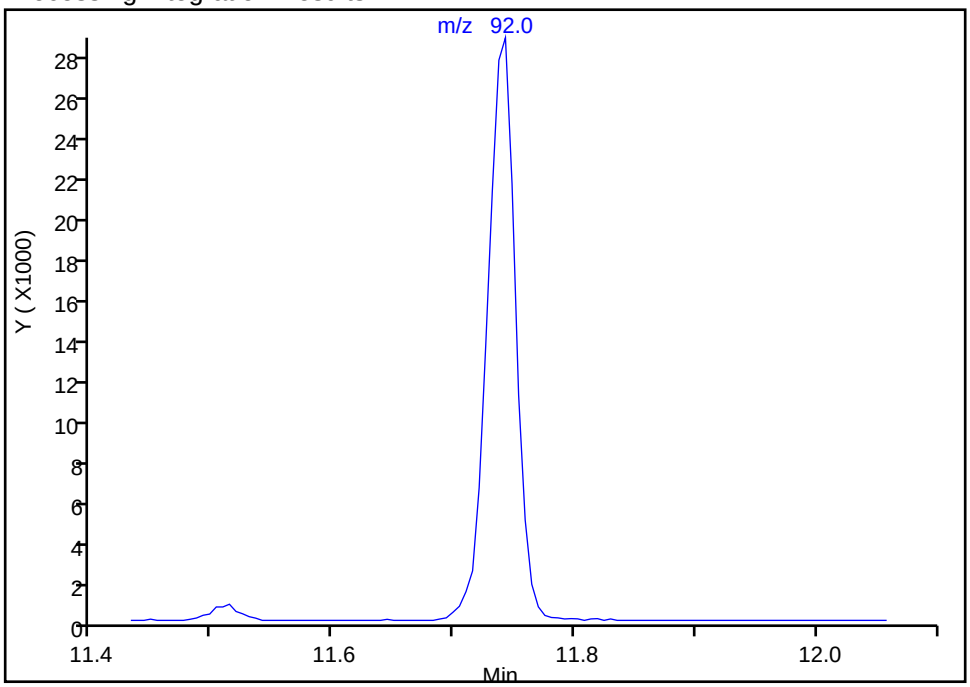
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09964a.D
Injection Date: 30-Jul-2019 13:40:30 Instrument ID: CVOAMS16
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Signal: 1

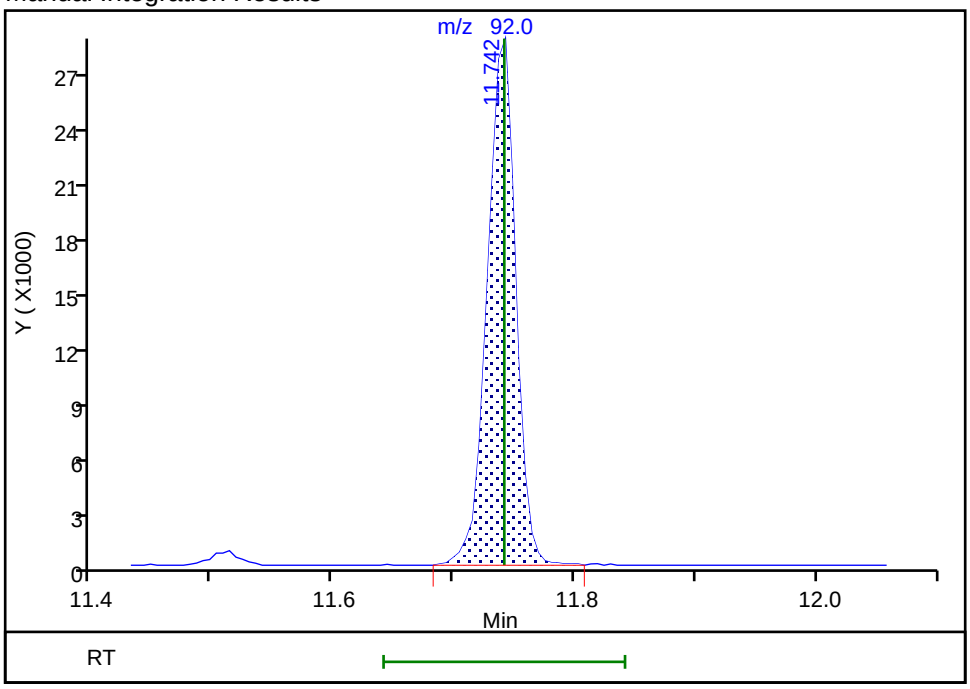
Not Detected
Expected RT: 11.74

Processing Integration Results



Manual Integration Results

RT: 11.74
Area: 45777
Amount: 5.173015
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:56:02
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09965a.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 30-Jul-2019 14:04:30 ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0095201-007
Operator ID: Instrument ID: CVOAMS16
Sublist: chrom-8260W_16*sub6

Method: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2019 11:29:24 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0324

First Level Reviewer: pakanatir Date: 30-Jul-2019 15:08:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.909	0.909	0.000	88	24673	20.0	13.8	
3 Dichlorodifluoromethane	85	0.925	0.925	0.000	99	145644	20.0	21.3	
4 1,1-Difluoroethane	65	0.925	0.925	0.000	86	54620	20.0	19.9	a
1 Monochloropentafluoroethan	137	0.931	0.931	0.000	68	827	20.0	23.0	Ma
5 Chlorodifluoromethane	67	0.947	0.947	0.000	97	18831	20.0	18.9	
6 Chloromethane	50	1.050	1.050	0.000	98	80627	20.0	20.1	
7 Vinyl chloride	62	1.072	1.072	0.000	98	111070	20.0	20.3	
8 Butadiene	54	1.089	1.089	0.000	95	88835	20.0	18.7	
9 Bromomethane	94	1.236	1.236	0.000	99	23562	20.0	20.5	
10 Chloroethane	64	1.290	1.290	0.000	99	71360	20.0	29.5	a
11 Dichlorofluoromethane	67	1.399	1.399	0.000	98	168139	20.0	21.3	
12 Trichlorofluoromethane	101	1.421	1.421	0.000	98	133830	20.0	20.4	
13 Pentane	72	1.464	1.464	0.000	97	26305	40.0	39.9	
14 Ethanol	46	1.557	1.557	0.000	97	20529	800.0	750.7	
15 Ethyl ether	59	1.584	1.584	0.000	96	61935	20.0	20.4	
16 1,2-Dichloro-1,1,2-trifluo	117	1.589	1.589	0.000	89	71640	20.0	20.0	
17 2-Methyl-1,3-butadiene	53	1.595	1.595	0.000	83	63470	20.0	20.2	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.622	1.622	0.000	94	123567	20.0	20.3	
19 Acrolein	56	1.660	1.660	0.000	82	20483	40.0	38.1	a
20 1,1-Dichloroethene	96	1.709	1.709	0.000	98	75903	20.0	19.7	
21 1,1,2-Trichloro-1,2,2-trif	101	1.709	1.709	0.000	98	81934	20.0	20.6	
22 Acetone	58	1.753	1.753	0.000	87	39067	100.0	97.6	
23 Iodomethane	127	1.796	1.796	0.000	98	13302	20.0	8.35	
24 Carbon disulfide	76	1.829	1.829	0.000	99	258339	20.0	20.8	
25 Isopropyl alcohol	45	1.845	1.845	0.000	98	48262	200.0	200.9	
26 Acetonitrile	38	1.916	1.916	0.000	81	25443	200.0	210.8	a
27 3-Chloro-1-propene	76	1.916	1.916	0.000	93	54574	20.0	17.6	
28 Methyl acetate	74	1.943	1.943	0.000	99	30193	40.0	41.0	
29 Cyclopentene	67	1.965	1.965	0.000	94	193080	20.0	20.5	
30 Methylene Chloride	84	1.998	1.998	0.000	90	97331	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.041	2.041	0.000	99	251397	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.090	2.090	0.000	99	76069	200.0	198.3	
33 Acrylonitrile	53	2.156	2.156	0.000	95	287798	200.0	207.4	
34 trans-1,2-Dichloroethene	96	2.161	2.161	0.000	93	86319	20.0	19.8	
35 Methyl tert-butyl ether	73	2.172	2.172	0.000	97	218547	20.0	20.6	
36 Hexane	57	2.346	2.346	0.000	92	96883	20.0	20.7	
37 1,1-Dichloroethane	63	2.444	2.444	0.000	99	140804	20.0	20.2	
38 Vinyl acetate	86	2.493	2.493	0.000	100	27296	40.0	40.7	
39 Isopropyl ether	45	2.504	2.504	0.000	84	252609	20.0	21.2	
40 2-Chloro-1,3-butadiene	88	2.504	2.504	0.000	72	83775	20.0	20.6	
41 Tert-butyl ethyl ether	59	2.771	2.771	0.000	89	216617	20.0	20.5	
* 42 2-Butanone-d5	46	2.847	2.847	0.000	0	254925	250.0	250.0	
43 2,2-Dichloropropane	97	2.863	2.863	0.000	96	27907	20.0	20.5	
44 cis-1,2-Dichloroethene	96	2.863	2.863	0.000	97	95979	20.0	20.5	
45 2-Butanone (MEK)	72	2.890	2.890	0.000	99	46106	100.0	100.7	
46 Propionitrile	52	2.939	2.939	0.000	95	23379	200.0	211.1	
47 Ethyl acetate	70	2.945	2.945	0.000	99	17146	40.0	40.3	
48 Methyl acrylate	55	2.967	2.967	0.000	99	87022	20.0	20.3	
49 Chlorobromomethane	128	3.048	3.048	0.000	90	48598	20.0	20.5	
50 Methacrylonitrile	67	3.054	3.054	0.000	89	345966	200.0	212.3	
51 Tetrahydrofuran	42	3.097	3.097	0.000	79	41993	40.0	37.9	
52 Chloroform	83	3.119	3.119	0.000	99	150552	20.0	21.3	
$ 53 Dibromofluoromethane (Surr	113	3.250	3.250	0.000	97	155093	50.0	48.9	
54 1,1,1-Trichloroethane	97	3.261	3.261	0.000	98	124522	20.0	20.9	
55 Cyclohexane	84	3.304	3.304	0.000	89	119618	20.0	21.8	
56 Carbon tetrachloride	117	3.397	3.397	0.000	98	108308	20.0	21.1	
57 1,1-Dichloropropene	75	3.402	3.402	0.000	99	116613	20.0	20.5	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.533	3.533	0.000	0	162034	50.0	49.4	
60 Benzene	78	3.582	3.582	0.000	95	343702	20.0	21.6	
59 Isobutyl alcohol	74	3.582	3.582	0.000	97	23265	500.0	480.5	Ma
61 1,2-Dichloroethane	62	3.603	3.603	0.000	97	109562	20.0	20.7	
62 Isooctane	57	3.663	3.663	0.000	98	190796	20.0	20.9	
63 Isopropyl acetate	61	3.691	3.691	0.000	96	31207	20.0	20.2	
64 Tert-amyl methyl ether	87	3.701	3.701	0.000	91	67963	20.0	19.9	
* 65 Fluorobenzene	96	3.843	3.843	0.000	98	540146	50.0	50.0	
66 n-Heptane	43	3.848	3.848	0.000	92	76258	20.0	20.0	
67 Trichloroethene	95	4.191	4.191	0.000	99	90131	20.0	20.4	
68 n-Butanol	56	4.202	4.202	0.000	87	50341	500.0	497.7	
69 Ethyl acrylate	99	4.355	4.355	0.000	98	12771	20.0	20.5	Ma
70 Methylcyclohexane	83	4.376	4.376	0.000	94	129186	20.0	21.2	a
71 1,2-Dichloropropane	63	4.420	4.420	0.000	92	87638	20.0	20.9	
72 Dibromomethane	93	4.534	4.534	0.000	97	56014	20.0	20.4	
* 73 1,4-Dioxane-d8	96	4.540	4.540	0.000	0	34313	1000.0	1000.0	
74 1,4-Dioxane	88	4.594	4.594	0.000	32	22578	400.0	451.6	
75 Methyl methacrylate	100	4.594	4.594	0.000	87	45675	40.0	41.0	
76 n-Propyl acetate	43	4.676	4.676	0.000	98	101251	20.0	21.0	
77 Dichlorobromomethane	83	4.719	4.719	0.000	98	113965	20.0	20.5	
78 2-Nitropropane	41	4.992	4.992	0.000	98	36180	40.0	39.8	
79 2-Chloroethyl vinyl ether	63	5.095	5.095	0.000	93	5007	20.0	19.9	
80 Epichlorohydrin	57	5.144	5.144	0.000	99	122368	400.0	411.3	
81 cis-1,3-Dichloropropene	75	5.231	5.231	0.000	91	145832	20.0	21.4	
82 4-Methyl-2-pentanone (MIBK	43	5.454	5.454	0.000	95	326832	100.0	108.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.541	5.541	0.000	100	586563	50.0	50.1	
84 Toluene	91	5.618	5.618	0.000	94	360548	20.0	21.4	
85 trans-1,3-Dichloropropene	75	5.928	5.928	0.000	96	126971	20.0	20.6	
86 Ethyl methacrylate	69	6.107	6.107	0.000	88	102774	20.0	21.0	
87 1,1,2-Trichloroethane	83	6.146	6.146	0.000	96	68273	20.0	21.1	
88 Tetrachloroethene	166	6.298	6.298	0.000	96	89082	20.0	20.8	
89 1,3-Dichloropropane	76	6.352	6.352	0.000	92	132088	20.0	21.3	
90 2-Hexanone	43	6.538	6.538	0.000	94	231848	100.0	106.2	
91 Chlorodibromomethane	129	6.641	6.641	0.000	98	91826	20.0	21.0	
92 n-Butyl acetate	43	6.755	6.755	0.000	99	111099	20.0	21.0	
93 Ethylene Dibromide	107	6.761	6.761	0.000	98	83553	20.0	21.1	
* 94 Chlorobenzene-d5	117	7.430	7.430	0.000	85	439208	50.0	50.0	
95 Chlorobenzene	112	7.468	7.468	0.000	96	246774	20.0	21.0	
96 1,1,1,2-Tetrachloroethane	131	7.615	7.615	0.000	96	86921	20.0	20.9	
97 Ethylbenzene	106	7.670	7.670	0.000	98	127796	20.0	20.5	
98 m-Xylene & p-Xylene	106	7.855	7.855	0.000	0	160193	20.0	20.7	
99 o-Xylene	106	8.432	8.432	0.000	94	156297	20.0	20.7	
100 Styrene	104	8.465	8.465	0.000	96	270754	20.0	21.3	
101 n-Butyl acrylate	73	8.530	8.530	0.000	98	65239	20.0	20.9	
102 Bromoform	173	8.688	8.688	0.000	96	58048	20.0	20.4	
103 Amyl acetate (mixed isomer	43	8.922	8.922	0.000	91	131601	20.0	21.0	
104 Isopropylbenzene	105	9.036	9.036	0.000	96	388866	20.0	21.5	
$ 105 4-Bromofluorobenzene	174	9.237	9.237	0.000	90	188515	50.0	49.4	
106 Bromobenzene	156	9.417	9.417	0.000	97	109358	20.0	20.6	
107 1,1,2,2-Tetrachloroethane	83	9.553	9.553	0.000	98	107121	20.0	20.6	
108 1,2,3-Trichloropropane	110	9.570	9.570	0.000	99	27856	20.0	19.8	
109 trans-1,4-Dichloro-2-buten	53	9.646	9.646	0.000	94	25421	20.0	19.9	
110 N-Propylbenzene	91	9.695	9.695	0.000	99	480991	20.0	21.2	
111 2-Chlorotoluene	91	9.765	9.765	0.000	97	290232	20.0	20.8	
112 4-Ethyltoluene	105	9.891	9.891	0.000	99	403507	20.0	20.9	
113 4-Chlorotoluene	91	9.956	9.956	0.000	97	307477	20.0	21.1	
114 1,3,5-Trimethylbenzene	105	10.010	10.010	0.000	93	335702	20.0	21.1	
115 Butyl Methacrylate	87	10.299	10.299	0.000	88	124257	20.0	21.1	
116 tert-Butylbenzene	119	10.517	10.517	0.000	94	276508	20.0	21.2	
117 1,2,4-Trimethylbenzene	105	10.604	10.604	0.000	97	357266	20.0	21.2	
118 sec-Butylbenzene	105	10.887	10.887	0.000	99	405650	20.0	21.4	
119 1,3-Dichlorobenzene	146	10.979	10.979	0.000	97	209585	20.0	20.7	
* 120 1,4-Dichlorobenzene-d4	152	11.105	11.105	0.000	96	260903	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.143	11.143	0.000	95	215699	20.0	20.8	
122 4-Isopropyltoluene	119	11.159	11.159	0.000	98	354100	20.0	21.3	
123 1,2,3-Trimethylbenzene	105	11.268	11.268	0.000	98	374445	20.0	21.3	
124 Benzyl chloride	126	11.382	11.382	0.000	99	42319	20.0	20.1	
125 2,3-Dihydroindene	117	11.513	11.513	0.000	95	373859	20.0	21.5	
126 1,2-Dichlorobenzene	146	11.654	11.654	0.000	96	213840	20.0	21.3	
127 p-Diethylbenzene	119	11.714	11.714	0.000	93	200774	20.0	21.0	a
128 n-Butylbenzene	92	11.741	11.741	0.000	98	185426	20.0	20.8	
129 1,2-Dibromo-3-Chloropropan	75	12.580	12.580	0.000	96	23157	20.0	21.8	
130 1,2,4,5-Tetramethylbenzene	119	12.602	12.602	0.000	97	357889	20.0	22.0	
131 1,3,5-Trichlorobenzene	180	12.797	12.797	0.000	98	149235	20.0	20.8	
132 1,2,4-Trichlorobenzene	180	13.375	13.375	0.000	94	141091	20.0	21.1	
133 Hexachlorobutadiene	225	13.554	13.554	0.000	94	46999	20.0	20.6	
134 Naphthalene	128	13.570	13.570	0.000	99	365219	20.0	22.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.783	13.783	0.000	96	132977	20.0	21.6	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.3	
S 138 Xylenes, Total	100				0		40.0	41.4	
S 139 Total BTEX	1				0		100.0	104.9	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00102	Amount Added:	20.00	Units: uL	
GASES Li_00325	Amount Added:	20.00	Units: uL	
ACROLEIN W_00093	Amount Added:	4.00	Units: uL	
524freon_00008	Amount Added:	20.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00199	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2019 11:29:32 Chrom Revision: 2.3 15-Jul-2019 06:58:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09965a.D

Injection Date: 30-Jul-2019 14:04:30 Instrument ID: CVOAMS16 Operator ID:

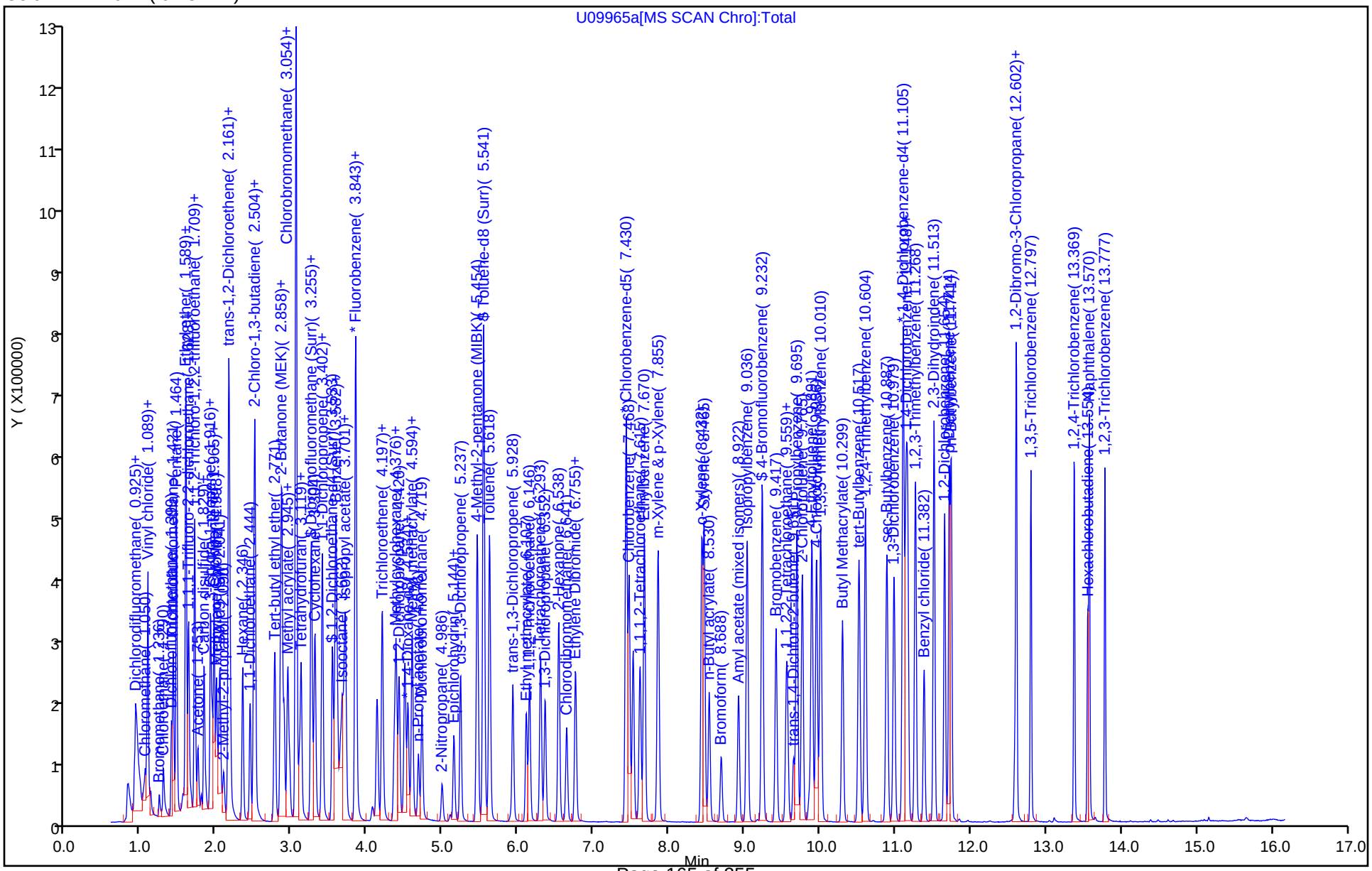
Lims ID: STD20 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 23

Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

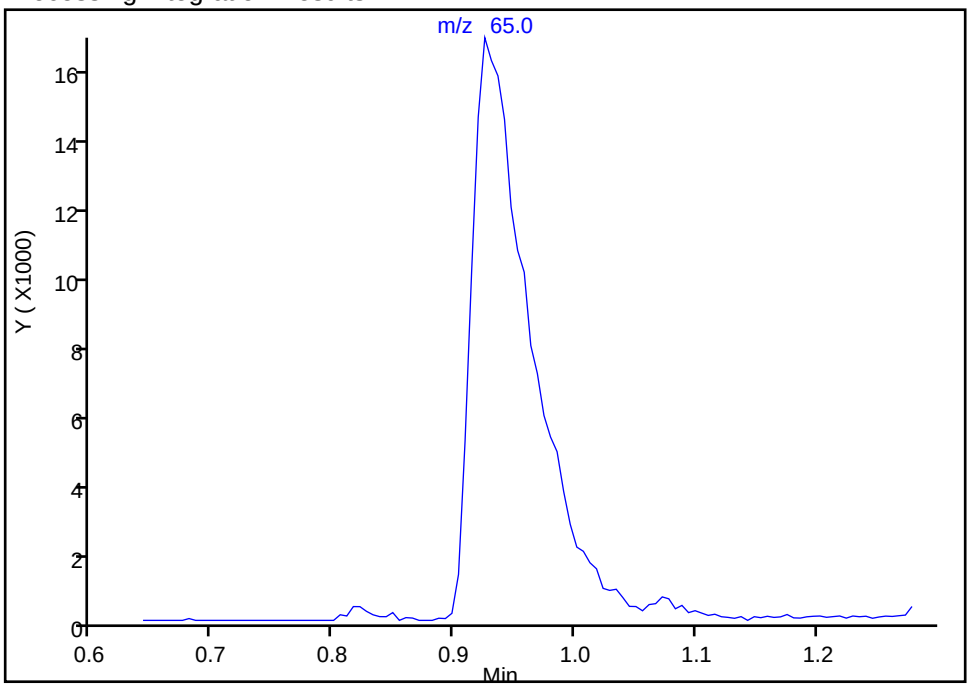
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09965a.D
Injection Date: 30-Jul-2019 14:04:30 Instrument ID: CVOAMS16
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

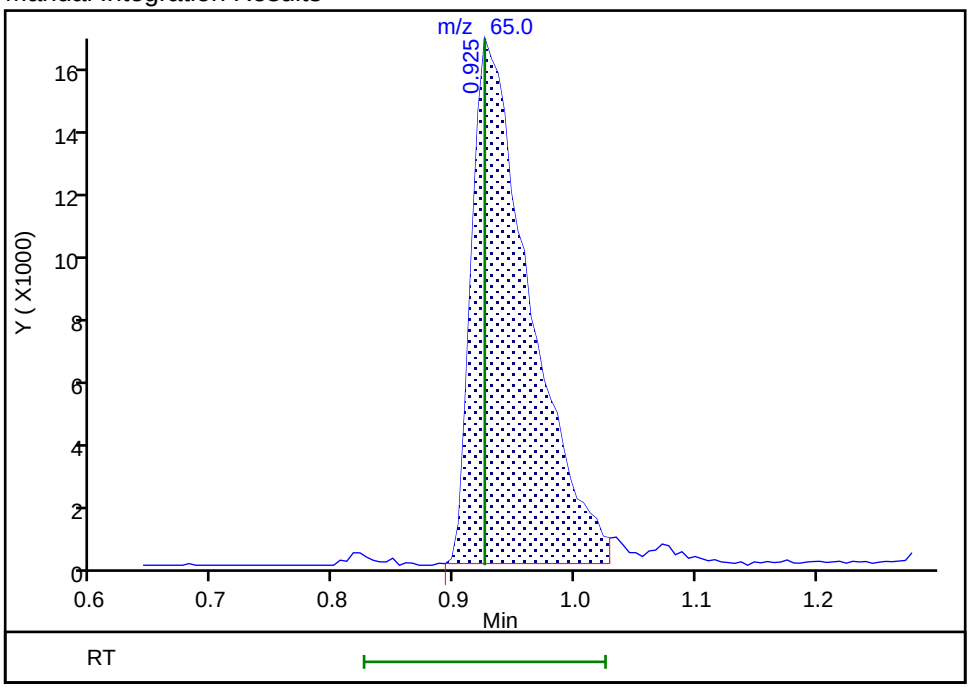
Not Detected
Expected RT: 0.93

Processing Integration Results



Manual Integration Results

RT: 0.93
Area: 54620
Amount: 19.853150
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 14:58:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

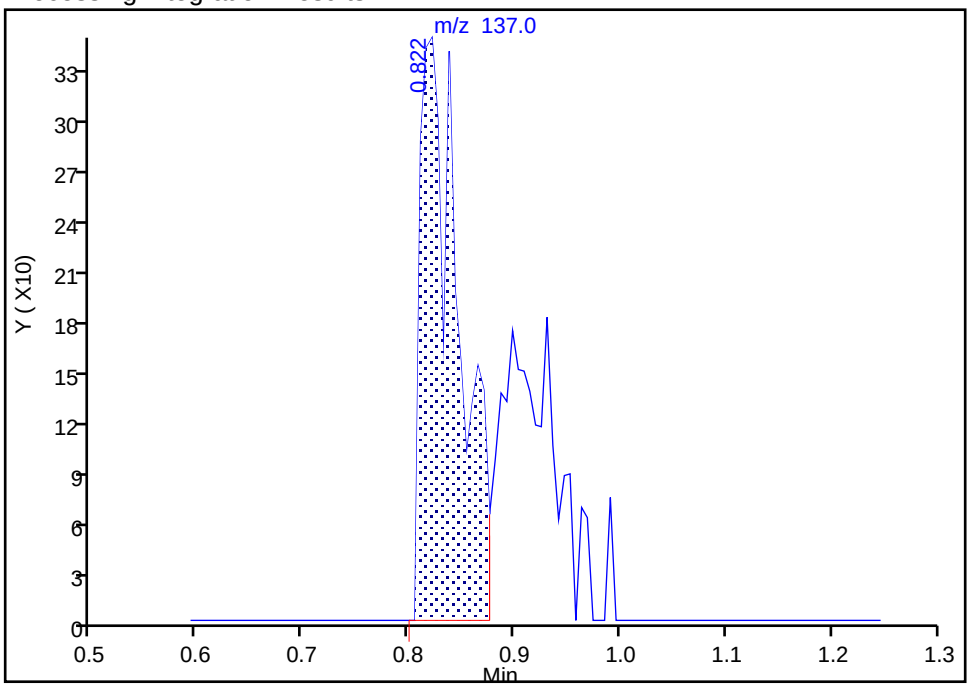
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09965a.D
Injection Date: 30-Jul-2019 14:04:30 Instrument ID: CVOAMS16
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

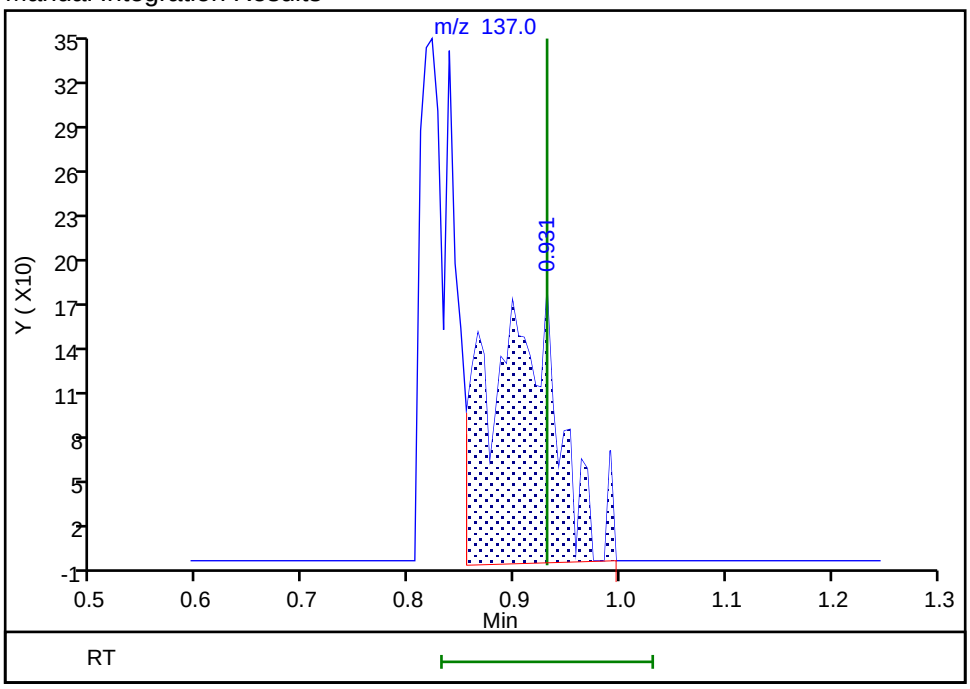
Processing Integration Results

RT: 0.82
Area: 878
Amount: 9.577899
Amount Units: ug/l



Manual Integration Results

RT: 0.93
Area: 827
Amount: 23.012662
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:31:16
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

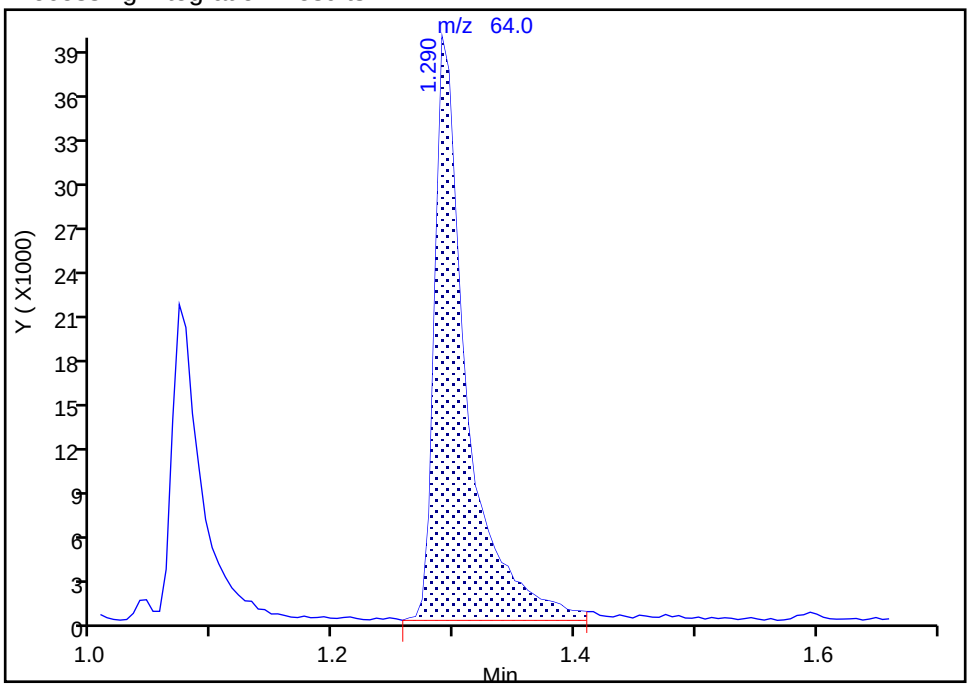
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09965a.D
Injection Date: 30-Jul-2019 14:04:30 Instrument ID: CVOAMS16
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

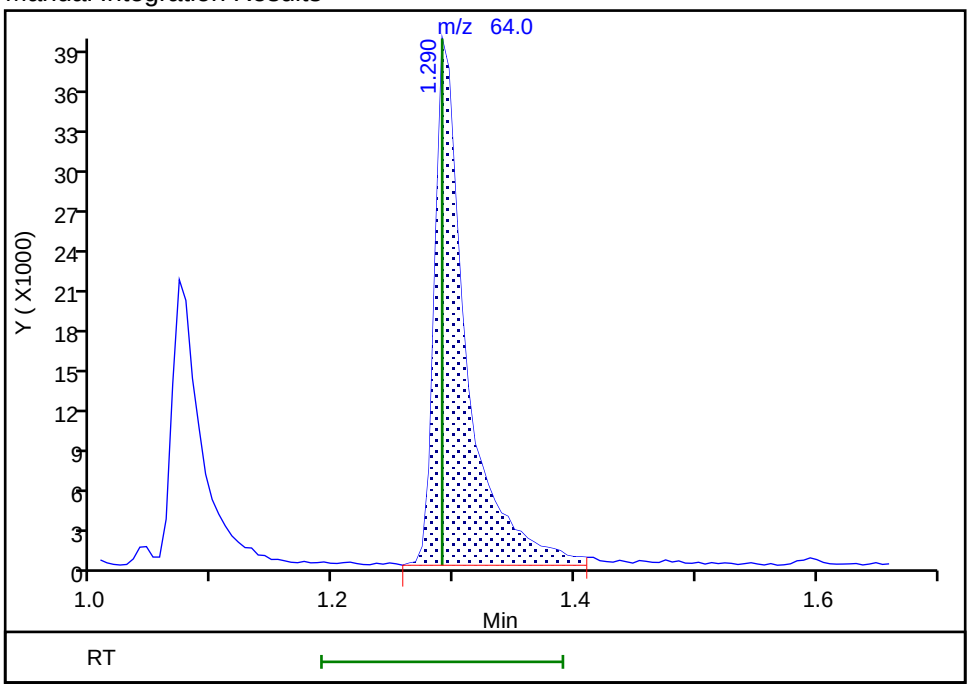
Processing Integration Results

RT: 1.29
Area: 71360
Amount: 32.156079
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 71360
Amount: 29.467263
Amount Units: ug/l



Reviewer: pakanatir, 31-Jul-2019 09:31:47
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

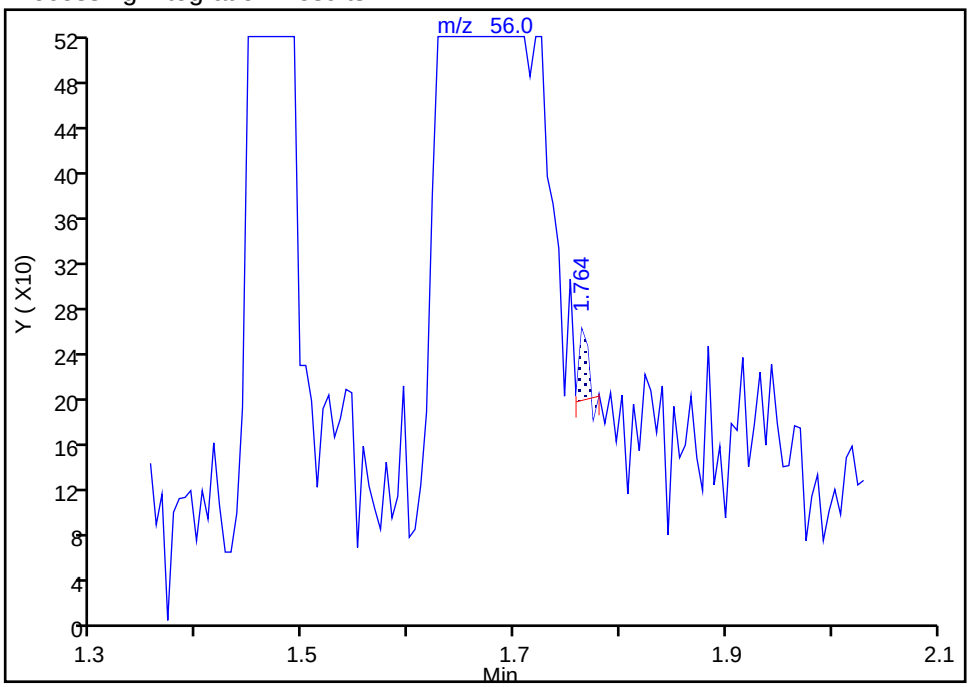
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09965a.D
Injection Date: 30-Jul-2019 14:04:30 Instrument ID: CVOAMS16
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

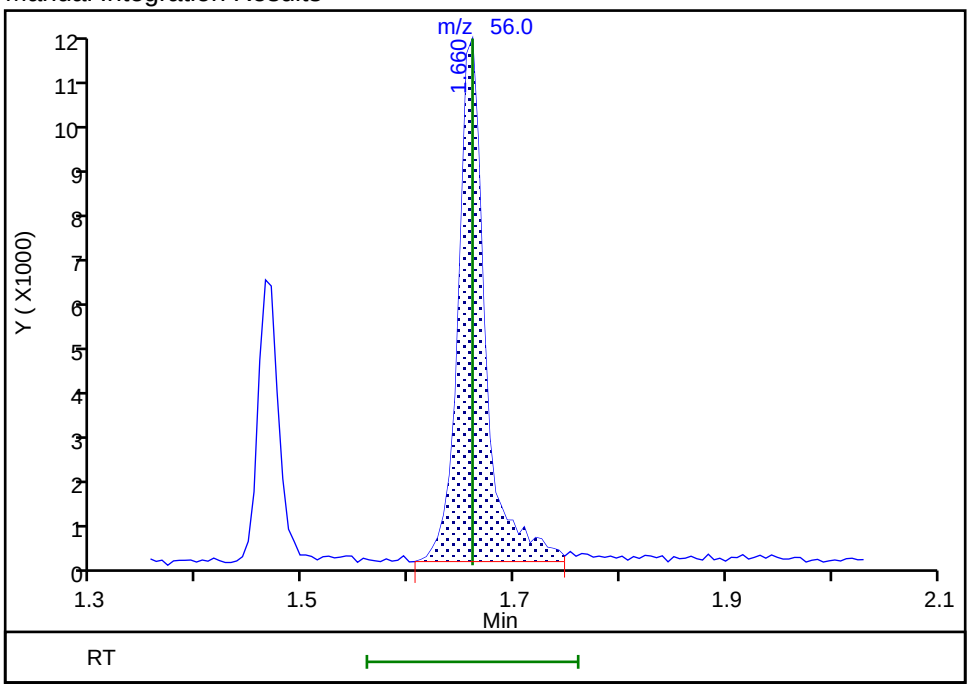
Processing Integration Results

RT: 1.76
Area: 32
Amount: 0.206967
Amount Units: ug/l



Manual Integration Results

RT: 1.66
Area: 20483
Amount: 38.121534
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 15:00:14
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

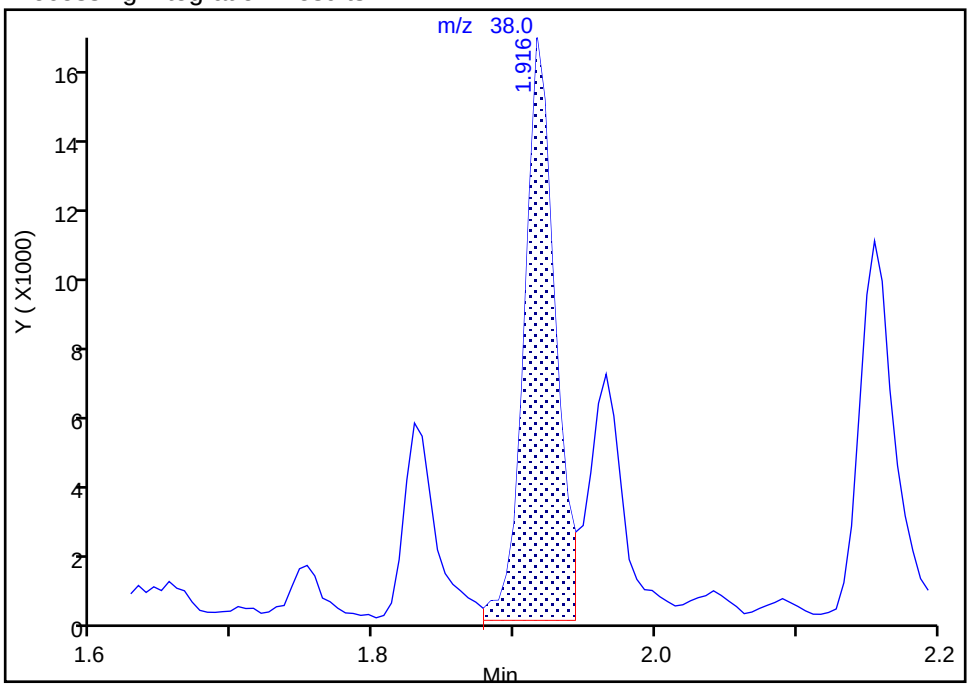
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09965a.D
Injection Date: 30-Jul-2019 14:04:30 Instrument ID: CVOAMS16
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Signal: 1

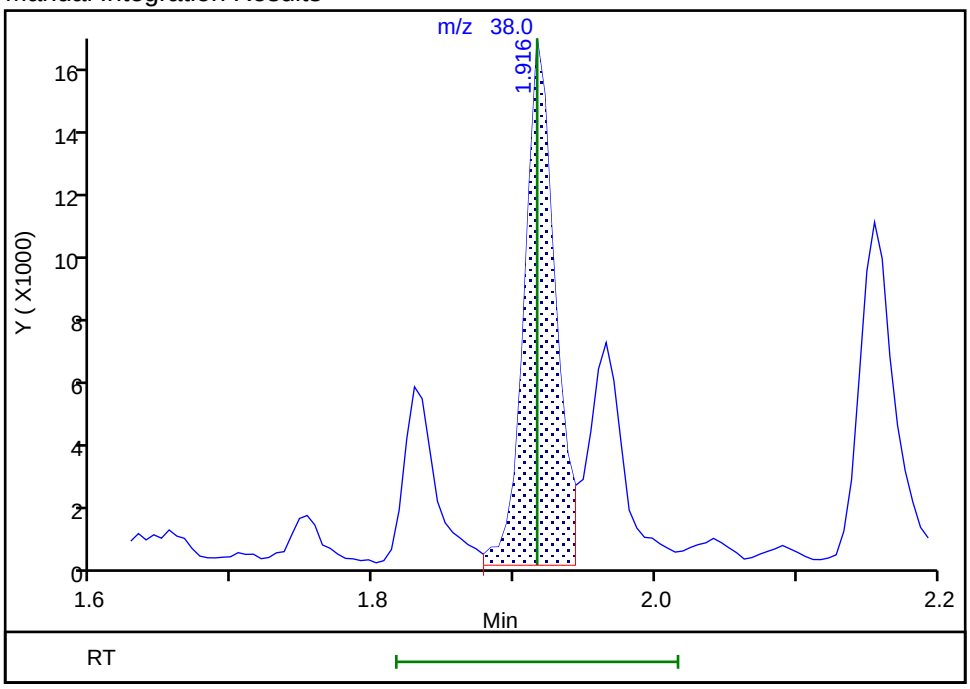
Processing Integration Results

RT: 1.92
Area: 25426
Amount: 199.8912
Amount Units: ug/l



Manual Integration Results

RT: 1.92
Area: 25443
Amount: 210.8013
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 15:01:36
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

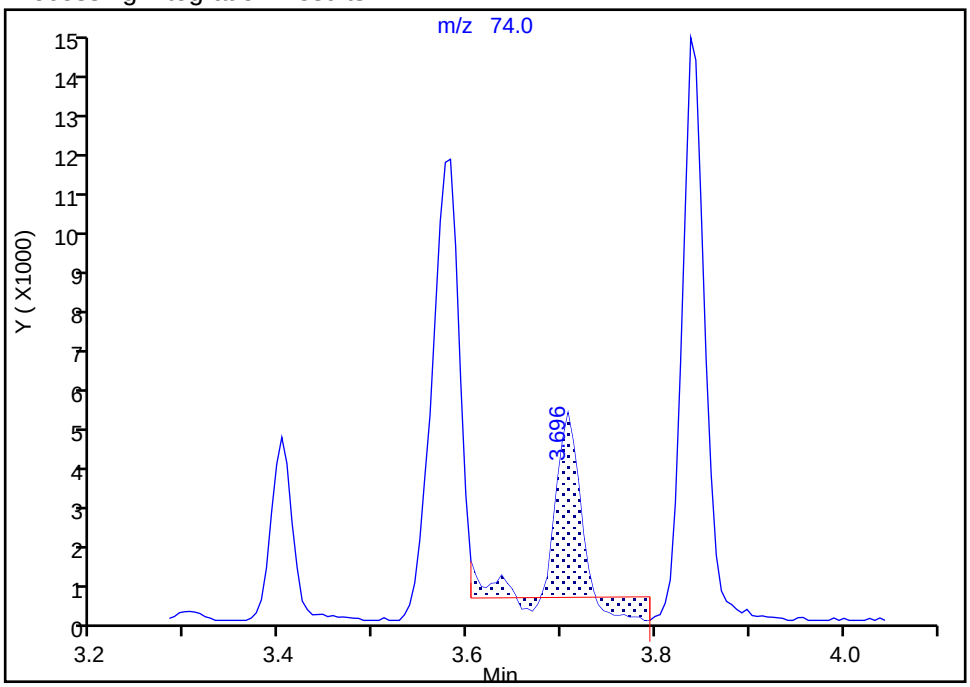
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09965a.D
Injection Date: 30-Jul-2019 14:04:30 Instrument ID: CVOAMS16
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

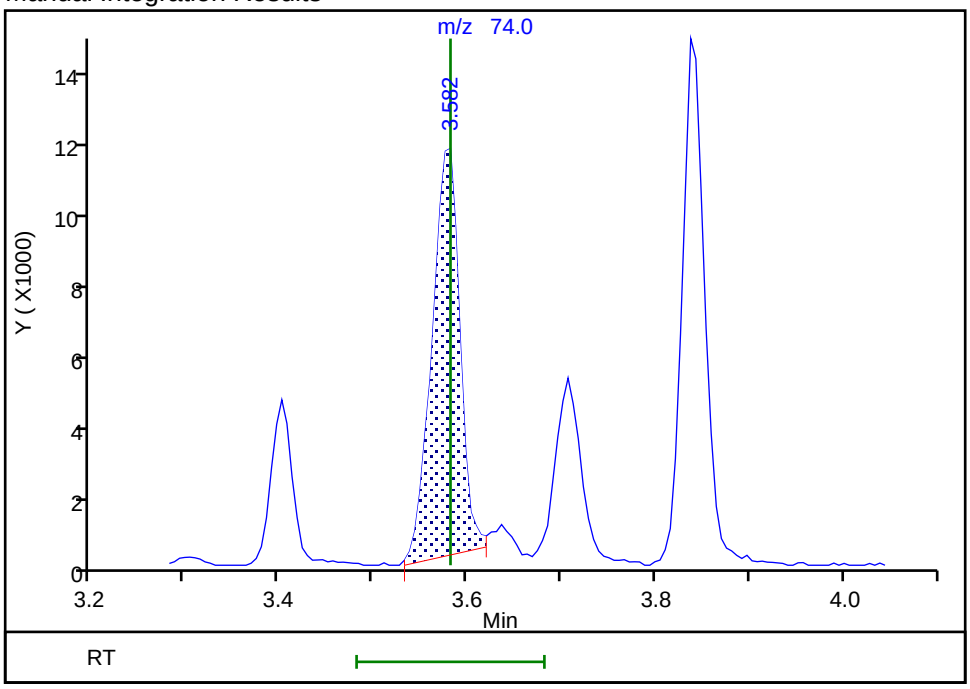
Processing Integration Results

RT: 3.70
Area: 239411
Amount: 505.5005
Amount Units: ug/l



Manual Integration Results

RT: 3.58
Area: 23265
Amount: 480.4622
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 17:05:17
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

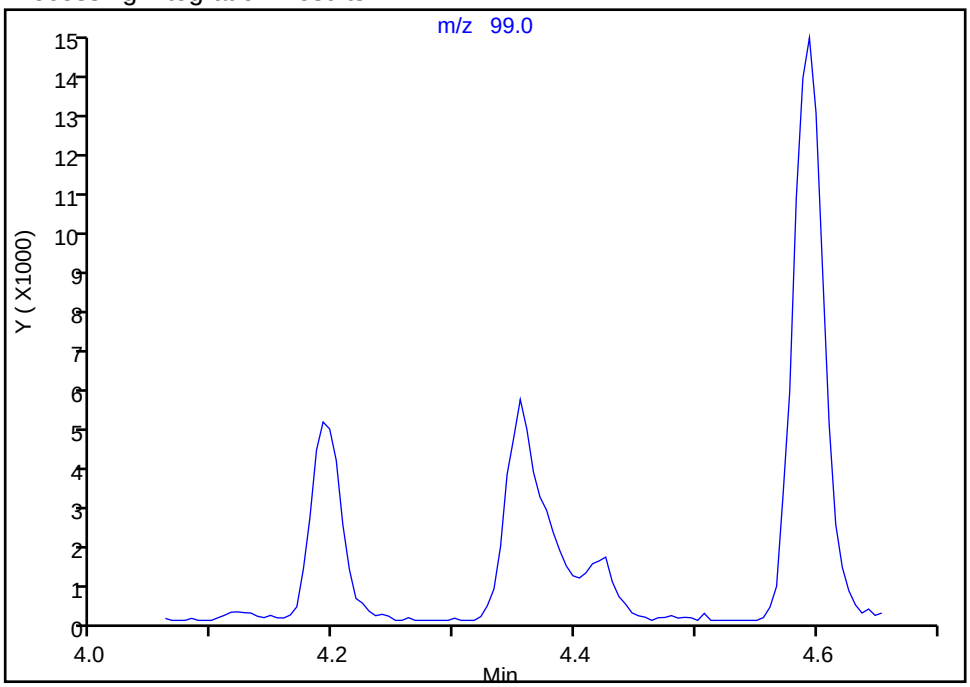
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09965a.D
Injection Date: 30-Jul-2019 14:04:30 Instrument ID: CVOAMS16
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

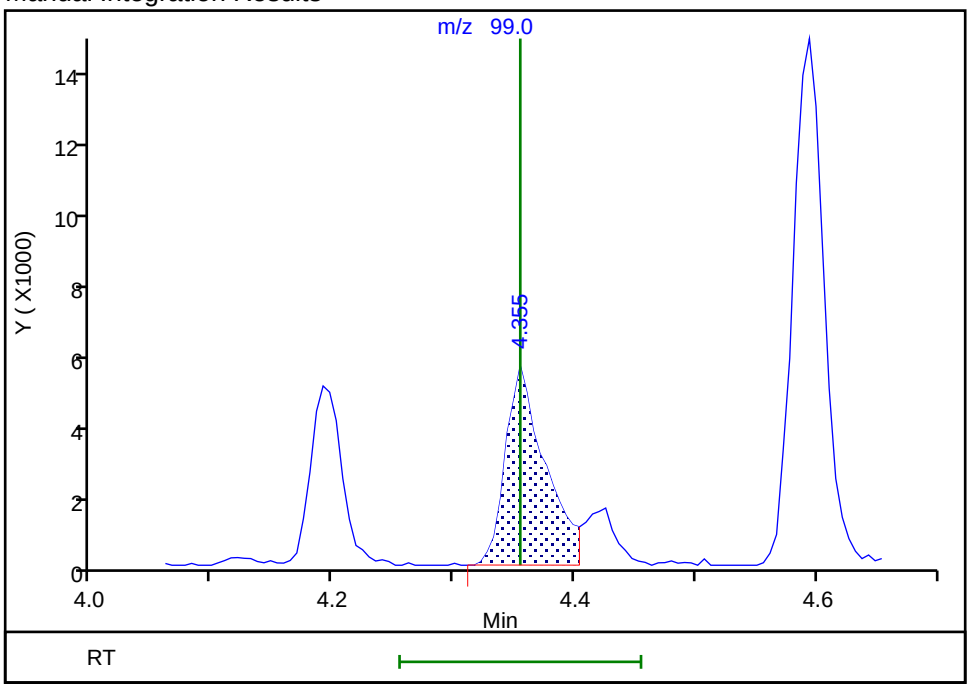
Not Detected
Expected RT: 4.35

Processing Integration Results



Manual Integration Results

RT: 4.35
Area: 12771
Amount: 20.519075
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 17:05:47
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

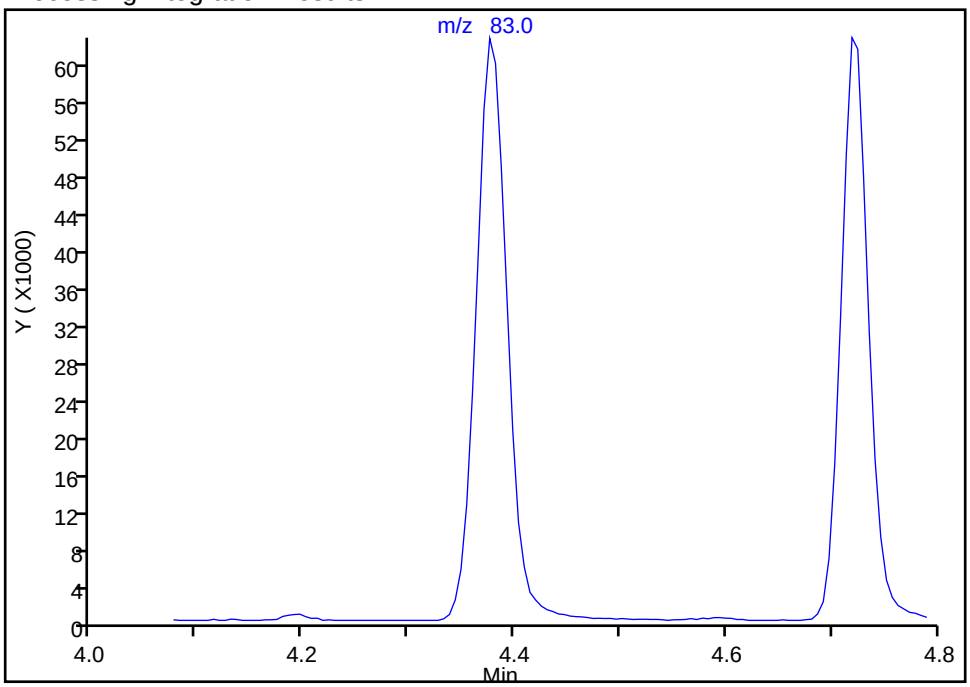
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09965a.D
Injection Date: 30-Jul-2019 14:04:30 Instrument ID: CVOAMS16
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

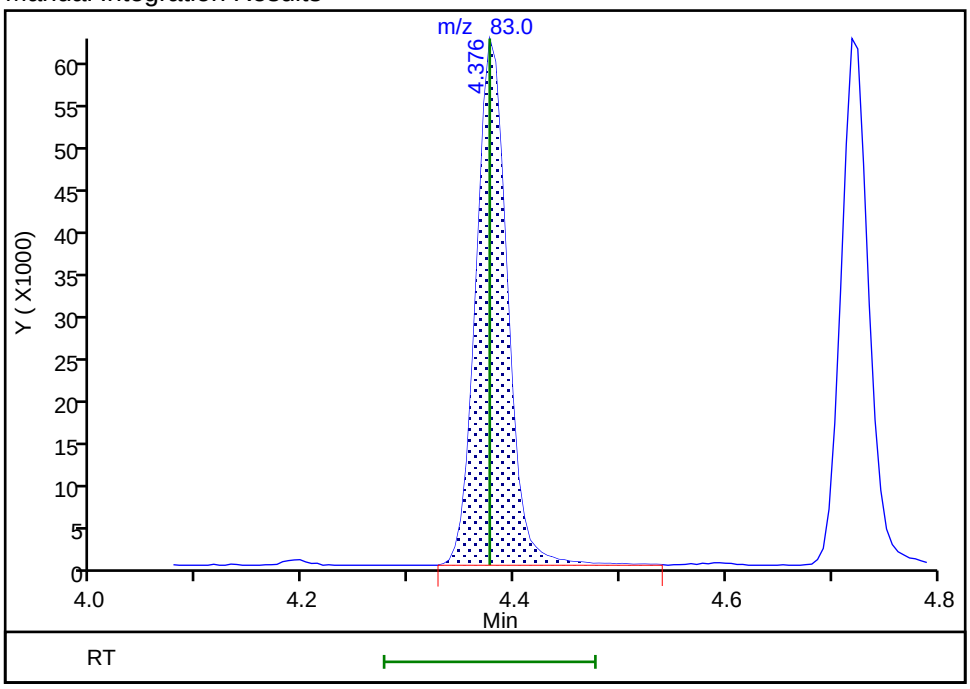
Not Detected
Expected RT: 4.38

Processing Integration Results



Manual Integration Results

RT: 4.38
Area: 129186
Amount: 21.206201
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:15:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

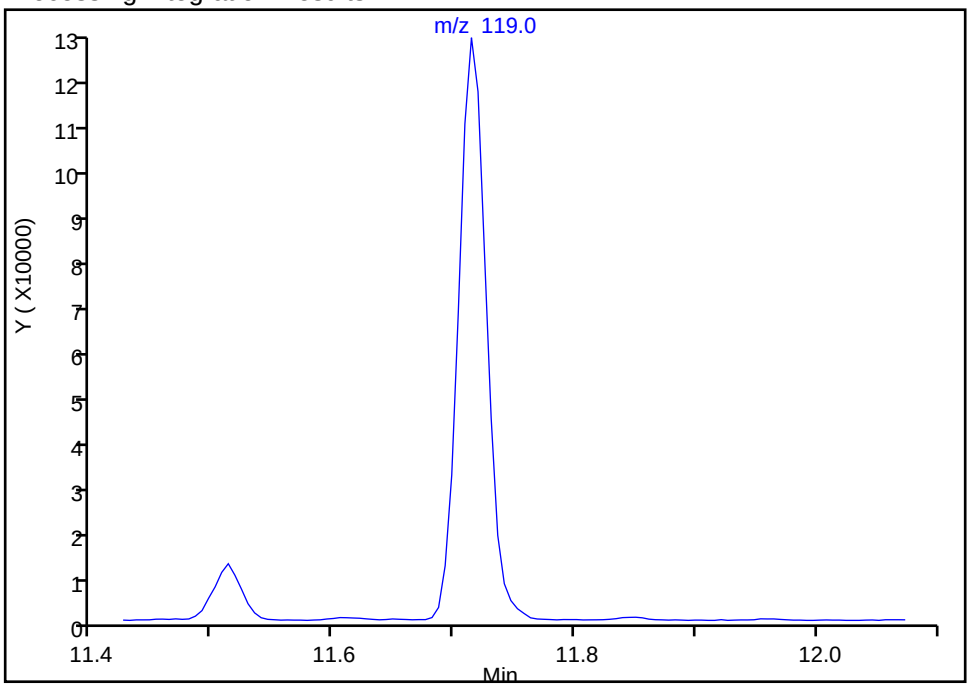
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09965a.D
Injection Date: 30-Jul-2019 14:04:30 Instrument ID: CVOAMS16
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

127 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

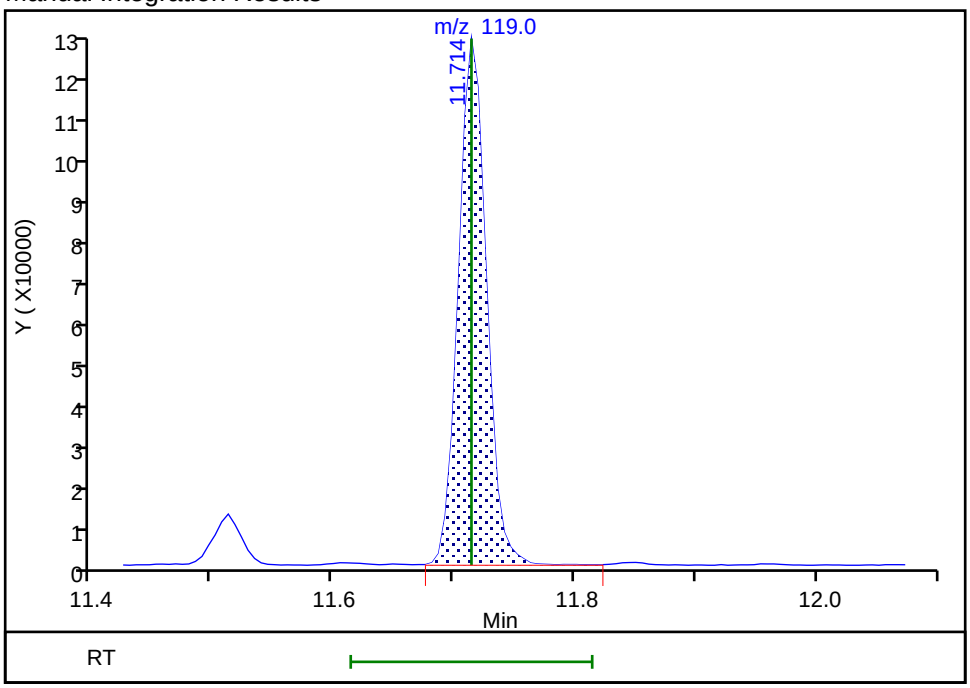
Not Detected
Expected RT: 11.71

Processing Integration Results



Manual Integration Results

RT: 11.71
Area: 200774
Amount: 21.027538
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 15:07:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09966a.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 30-Jul-2019 14:29:30 ALS Bottle#: 24 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0095201-008
Operator ID: Instrument ID: CVOAMS16
Sublist: chrom-8260W_16*sub6

Method: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2019 11:29:38 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0324

First Level Reviewer: pakanatir Date: 30-Jul-2019 16:36:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.905	0.905	0.000	89	66726	50.0	38.0	
3 Dichlorodifluoromethane	85	0.921	0.921	0.000	99	361047	50.0	52.4	
4 1,1-Difluoroethane	65	0.926	0.926	0.000	88	134857	50.0	48.6	a
1 Monochloropentafluoroethan	137	0.905	0.905	0.000	68	1784	50.0	49.2	M
5 Chlorodifluoromethane	67	0.948	0.948	0.000	96	45680	50.0	45.5	
6 Chloromethane	50	1.041	1.041	0.000	97	192759	50.0	47.6	
7 Vinyl chloride	62	1.073	1.073	0.000	98	285278	50.0	51.6	
8 Butadiene	54	1.084	1.084	0.000	95	229488	50.0	47.9	
9 Bromomethane	94	1.237	1.237	0.000	98	47504	50.0	41.7	
10 Chloroethane	64	1.286	1.286	0.000	100	89934	50.0	36.9	Ma
11 Dichlorofluoromethane	67	1.394	1.394	0.000	99	414449	50.0	52.1	
12 Trichlorofluoromethane	101	1.416	1.416	0.000	98	329998	50.0	50.0	
13 Pentane	72	1.460	1.460	0.000	96	67167	100.0	100.9	
14 Ethanol	46	1.574	1.574	0.000	94	49757	2000.0	1870.8	
15 Ethyl ether	59	1.585	1.585	0.000	86	154494	50.0	50.5	
16 1,2-Dichloro-1,1,2-trifluo	117	1.585	1.585	0.000	86	170196	50.0	47.1	
17 2-Methyl-1,3-butadiene	53	1.590	1.590	0.000	86	162218	50.0	51.2	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.623	1.623	0.000	95	289191	50.0	47.1	
19 Acrolein	56	1.661	1.661	0.000	81	51575	100.0	101.9	a
20 1,1-Dichloroethene	96	1.699	1.699	0.000	97	189442	50.0	48.7	
21 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	98	208433	50.0	52.1	
22 Acetone	58	1.754	1.754	0.000	88	96706	250.0	244.4	
23 Iodomethane	127	1.792	1.792	0.000	99	52741	50.0	32.8	
24 Carbon disulfide	76	1.830	1.830	0.000	98	654830	50.0	53.2	
25 Isopropyl alcohol	45	1.852	1.852	0.000	99	114909	500.0	491.8	
26 Acetonitrile	38	1.917	1.917	0.000	85	52979	500.0	451.3	
27 3-Chloro-1-propene	76	1.917	1.917	0.000	95	160739	50.0	51.4	
28 Methyl acetate	74	1.939	1.939	0.000	99	75243	100.0	105.2	
29 Cyclopentene	67	1.961	1.961	0.000	95	498532	50.0	52.5	
30 Methylene Chloride	84	1.993	1.993	0.000	89	243268	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
* 31 TBA-d9 (IS)	65	2.048	2.048	0.000	99	244491	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.102	2.102	0.000	99	176865	500.0	474.0	
33 Acrylonitrile	53	2.157	2.157	0.000	95	707582	500.0	505.8	
34 trans-1,2-Dichloroethene	96	2.162	2.162	0.000	90	214823	50.0	49.0	
35 Methyl tert-butyl ether	73	2.173	2.173	0.000	97	546203	50.0	51.1	
36 Hexane	57	2.342	2.342	0.000	92	249993	50.0	52.9	
37 1,1-Dichloroethane	63	2.440	2.440	0.000	99	349320	50.0	49.7	
38 Vinyl acetate	86	2.489	2.489	0.000	100	65693	100.0	99.0	
39 Isopropyl ether	45	2.505	2.505	0.000	87	616275	50.0	51.2	
40 2-Chloro-1,3-butadiene	88	2.505	2.505	0.000	89	211435	50.0	51.6	
41 Tert-butyl ethyl ether	59	2.766	2.766	0.000	90	536841	50.0	50.3	
* 42 2-Butanone-d5	46	2.848	2.848	0.000	0	251894	250.0	250.0	
43 2,2-Dichloropropane	97	2.859	2.859	0.000	91	69025	50.0	50.3	
44 cis-1,2-Dichloroethene	96	2.864	2.864	0.000	98	235444	50.0	49.8	
45 2-Butanone (MEK)	72	2.891	2.891	0.000	99	112585	250.0	248.9	
46 Propionitrile	52	2.940	2.940	0.000	94	54525	500.0	506.3	
47 Ethyl acetate	70	2.946	2.946	0.000	99	41088	100.0	97.8	
48 Methyl acrylate	55	2.968	2.968	0.000	100	212439	50.0	49.2	
49 Chlorobromomethane	128	3.049	3.049	0.000	89	122430	50.0	51.1	
50 Methacrylonitrile	67	3.055	3.055	0.000	89	829152	500.0	504.7	
51 Tetrahydrofuran	42	3.098	3.098	0.000	79	102629	100.0	93.7	
52 Chloroform	83	3.120	3.120	0.000	99	361514	50.0	50.6	
$ 53 Dibromofluoromethane (Surr	113	3.251	3.251	0.000	96	161434	50.0	50.4	
54 1,1,1-Trichloroethane	97	3.262	3.262	0.000	98	305993	50.0	50.8	
55 Cyclohexane	84	3.300	3.300	0.000	89	298416	50.0	53.9	
56 Carbon tetrachloride	117	3.398	3.398	0.000	98	271465	50.0	52.3	
57 1,1-Dichloropropene	75	3.398	3.398	0.000	98	289837	50.0	50.6	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.534	3.534	0.000	0	164182	50.0	49.6	
59 Isobutyl alcohol	74	3.577	3.577	0.000	97	59346	1250.0	1260.2	a
60 Benzene	78	3.577	3.577	0.000	97	835260	50.0	51.3	
61 1,2-Dichloroethane	62	3.599	3.599	0.000	97	264261	50.0	49.4	
62 Isooctane	57	3.664	3.664	0.000	97	480991	50.0	52.3	
63 Isopropyl acetate	61	3.692	3.692	0.000	97	75976	50.0	48.8	
64 Tert-amyl methyl ether	87	3.702	3.702	0.000	91	169930	50.0	49.4	
* 65 Fluorobenzene	96	3.839	3.839	0.000	97	544686	50.0	50.0	
66 n-Heptane	43	3.849	3.849	0.000	91	196055	50.0	51.1	
67 Trichloroethene	95	4.192	4.192	0.000	99	217445	50.0	48.8	
68 n-Butanol	56	4.203	4.203	0.000	86	126758	1250.0	1288.6	
69 Ethyl acrylate	99	4.356	4.356	0.000	98	32210	50.0	51.3	Ma
70 Methylcyclohexane	83	4.377	4.377	0.000	94	323280	50.0	52.6	a
71 1,2-Dichloropropane	63	4.421	4.421	0.000	93	214663	50.0	50.7	
72 Dibromomethane	93	4.535	4.535	0.000	98	136376	50.0	49.2	
* 73 1,4-Dioxane-d8	96	4.535	4.535	0.000	0	35557	1000.0	1000.0	
74 1,4-Dioxane	88	4.595	4.595	0.000	31	52912	1000.0	1021.4	
75 Methyl methacrylate	100	4.595	4.595	0.000	87	109597	100.0	97.6	
76 n-Propyl acetate	43	4.677	4.677	0.000	97	245746	50.0	50.4	
77 Dichlorobromomethane	83	4.720	4.720	0.000	99	283689	50.0	50.6	
78 2-Nitropropane	41	4.987	4.987	0.000	97	85707	100.0	93.4	
79 2-Chloroethyl vinyl ether	63	5.096	5.096	0.000	94	12252	50.1	43.0	
80 Epichlorohydrin	57	5.145	5.145	0.000	99	305322	1000.0	1038.5	
81 cis-1,3-Dichloropropene	75	5.232	5.232	0.000	91	354855	50.0	50.8	
82 4-Methyl-2-pentanone (MIBK	43	5.455	5.455	0.000	95	775729	250.0	260.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.542	5.542	0.000	100	605165	50.0	50.5	
84 Toluene	91	5.619	5.619	0.000	94	872444	50.0	50.6	
85 trans-1,3-Dichloropropene	75	5.929	5.929	0.000	96	314065	50.0	49.9	
86 Ethyl methacrylate	69	6.108	6.108	0.000	89	252963	50.0	50.6	
87 1,1,2-Trichloroethane	83	6.147	6.147	0.000	95	163675	50.0	49.4	
88 Tetrachloroethene	166	6.299	6.299	0.000	97	222931	50.0	50.9	
89 1,3-Dichloropropane	76	6.353	6.353	0.000	92	317519	50.0	50.0	
90 2-Hexanone	43	6.539	6.539	0.000	94	548048	250.0	254.1	
91 Chlorodibromomethane	129	6.642	6.642	0.000	98	227175	50.0	50.8	
92 n-Butyl acetate	43	6.756	6.756	0.000	99	263199	50.0	48.7	
93 Ethylene Dibromide	107	6.762	6.762	0.000	99	202473	50.0	49.9	
* 94 Chlorobenzene-d5	117	7.431	7.431	0.000	84	449122	50.0	50.0	
95 Chlorobenzene	112	7.469	7.469	0.000	95	600836	50.0	50.1	
96 1,1,1,2-Tetrachloroethane	131	7.616	7.616	0.000	97	215181	50.0	50.6	
97 Ethylbenzene	106	7.671	7.671	0.000	98	320700	50.0	50.4	
98 m-Xylene & p-Xylene	106	7.856	7.856	0.000	0	397698	50.0	50.3	
99 o-Xylene	106	8.433	8.433	0.000	94	393412	50.0	50.9	
100 Styrene	104	8.466	8.466	0.000	96	668102	50.0	51.5	
101 n-Butyl acrylate	73	8.531	8.531	0.000	98	158597	50.0	49.7	
102 Bromoform	173	8.694	8.694	0.000	97	148212	50.0	51.0	
103 Amyl acetate (mixed isomer	43	8.923	8.923	0.000	91	313236	50.0	48.3	
104 Isopropylbenzene	105	9.037	9.037	0.000	96	960674	50.0	51.9	
$ 105 4-Bromofluorobenzene	174	9.238	9.238	0.000	90	197907	50.0	50.7	
106 Bromobenzene	156	9.418	9.418	0.000	97	266906	50.0	48.6	
107 1,1,2,2-Tetrachloroethane	83	9.554	9.554	0.000	98	261602	50.0	48.5	
108 1,2,3-Trichloropropane	110	9.571	9.571	0.000	99	69224	50.0	47.5	
109 trans-1,4-Dichloro-2-buten	53	9.652	9.652	0.000	92	64790	50.0	49.0	
110 N-Propylbenzene	91	9.696	9.696	0.000	99	1183088	50.0	50.4	
111 2-Chlorotoluene	91	9.767	9.767	0.000	97	715497	50.0	49.5	
112 4-Ethyltoluene	105	9.897	9.897	0.000	99	1002938	50.0	50.2	
113 4-Chlorotoluene	91	9.957	9.957	0.000	97	758048	50.0	50.4	
114 1,3,5-Trimethylbenzene	105	10.011	10.011	0.000	93	843883	50.0	51.1	
115 Butyl Methacrylate	87	10.300	10.300	0.000	88	317579	50.0	52.1	
116 tert-Butylbenzene	119	10.518	10.518	0.000	94	692946	50.0	51.4	
117 1,2,4-Trimethylbenzene	105	10.605	10.605	0.000	97	891290	50.0	51.1	
118 sec-Butylbenzene	105	10.888	10.888	0.000	99	1024652	50.0	52.2	
119 1,3-Dichlorobenzene	146	10.986	10.986	0.000	95	521772	50.0	49.9	
* 120 1,4-Dichlorobenzene-d4	152	11.106	11.106	0.000	96	270097	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.144	11.144	0.000	94	537785	50.0	50.0	
122 4-Isopropyltoluene	119	11.165	11.165	0.000	97	894471	50.0	51.9	
123 1,2,3-Trimethylbenzene	105	11.269	11.269	0.000	98	932372	50.0	51.2	
124 Benzyl chloride	126	11.383	11.383	0.000	99	110610	50.0	50.8	
125 2,3-Dihydroindene	117	11.514	11.514	0.000	95	915053	50.0	50.9	
126 1,2-Dichlorobenzene	146	11.655	11.655	0.000	95	524671	50.0	50.4	
127 p-Diethylbenzene	119	11.715	11.715	0.000	92	511540	50.0	51.8	
128 n-Butylbenzene	92	11.742	11.742	0.000	98	477274	50.0	51.8	
129 1,2-Dibromo-3-Chloropropan	75	12.581	12.581	0.000	96	55121	50.0	51.0	
130 1,2,4,5-Tetramethylbenzene	119	12.608	12.608	0.000	97	897381	50.0	53.4	
131 1,3,5-Trichlorobenzene	180	12.799	12.799	0.000	97	374022	50.0	50.5	
132 1,2,4-Trichlorobenzene	180	13.376	13.376	0.000	95	348473	50.0	50.4	
133 Hexachlorobutadiene	225	13.550	13.550	0.000	94	120900	50.0	51.3	
134 Naphthalene	128	13.571	13.571	0.000	99	863439	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.778	13.778	0.000	96	323265	50.0	50.7	
S 137 1,2-Dichloroethene, Total	100				0		100.0	98.7	
S 138 Xylenes, Total	100				0		100.0	101.2	
S 139 Total BTEX	1				0		250.0	253.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00008	Amount Added:	50.00	Units: uL	
ACROLEIN W_00093	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00102	Amount Added:	50.00	Units: uL	
GASES Li_00325	Amount Added:	50.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00199	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2019 11:29:46 Chrom Revision: 2.3 15-Jul-2019 06:58:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09966a.D

Injection Date: 30-Jul-2019 14:29:30 Instrument ID: CVOAMS16 Operator ID:

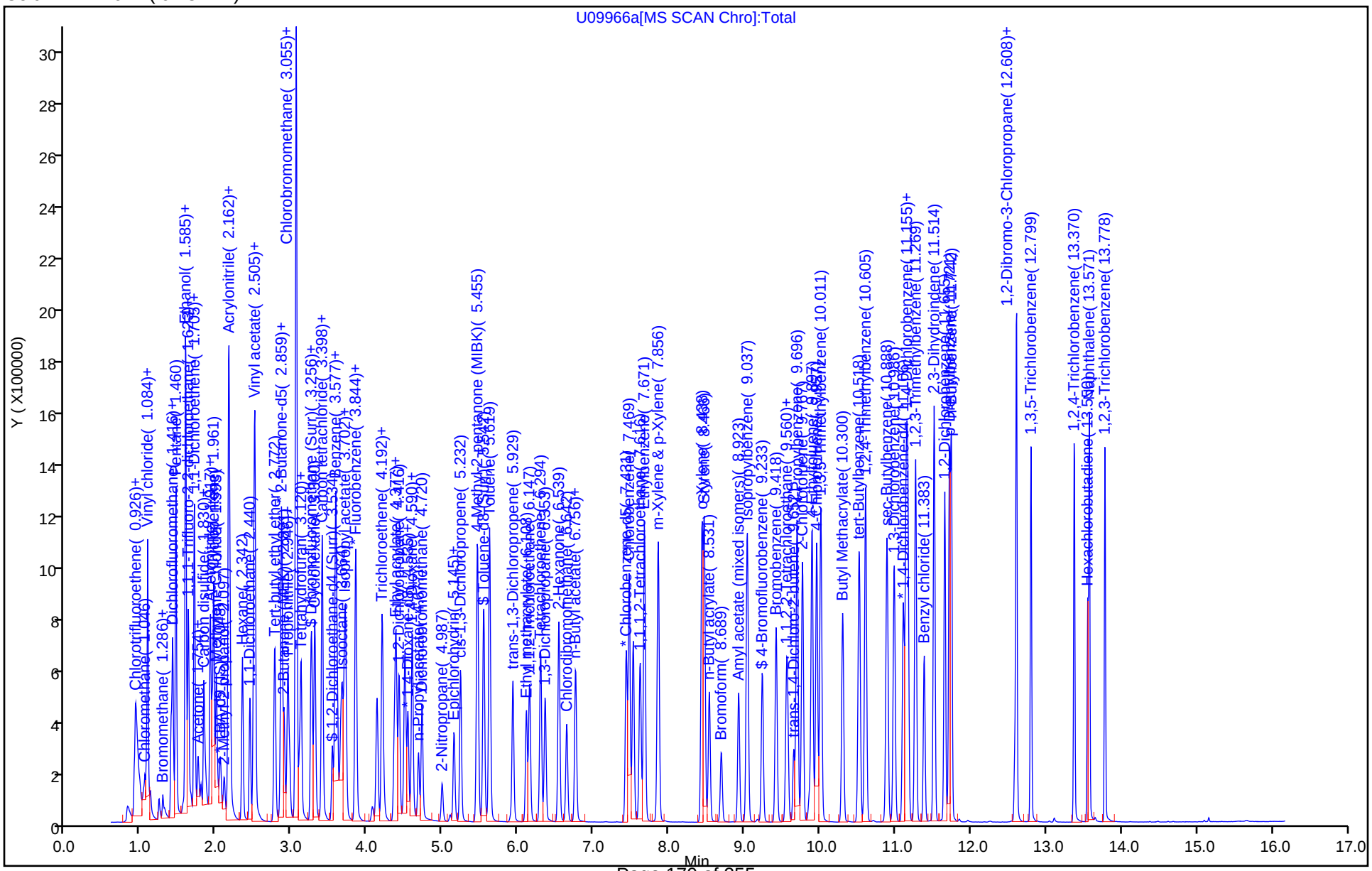
Lims ID: STD50 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 24

Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

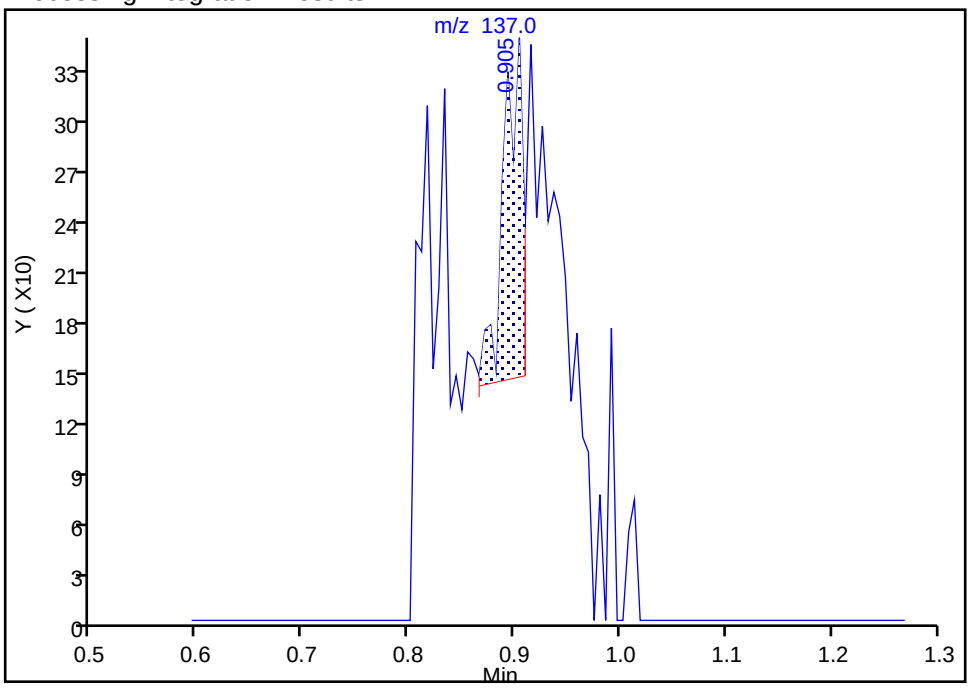
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09966a.D
Injection Date: 30-Jul-2019 14:29:30 Instrument ID: CVOAMS16
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

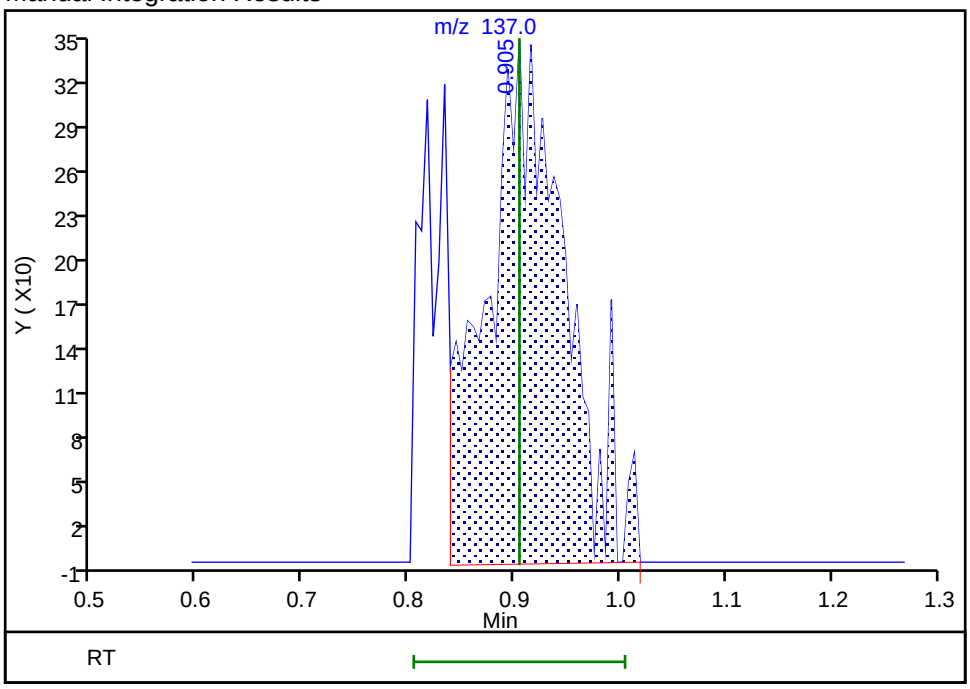
Processing Integration Results

RT: 0.90
Area: 256
Amount: 7.862223
Amount Units: ug/l



Manual Integration Results

RT: 0.90
Area: 1784
Amount: 49.229015
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:34:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

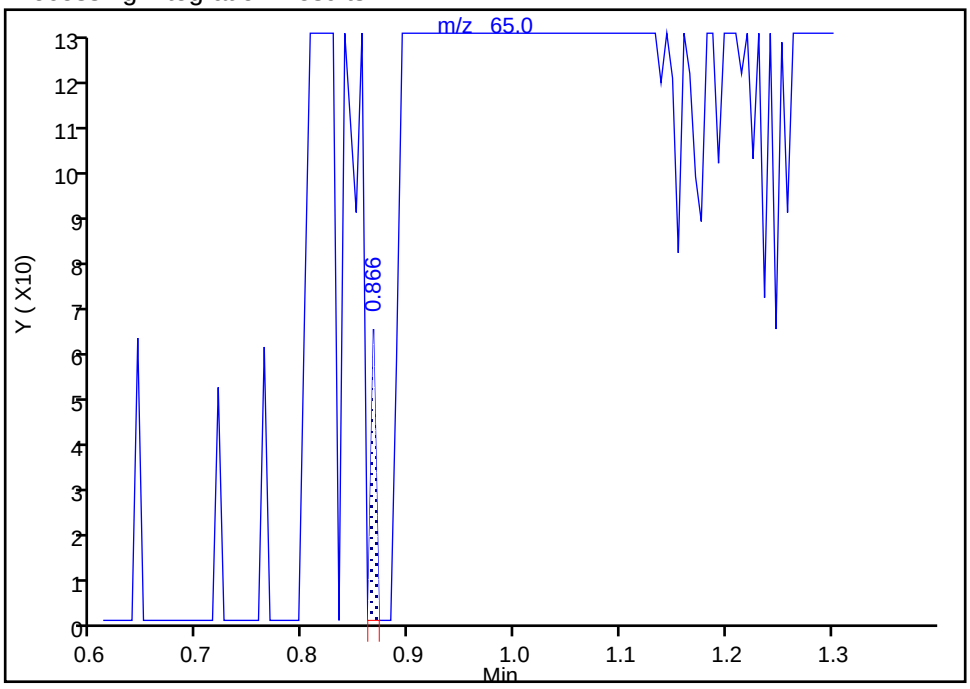
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09966a.D
Injection Date: 30-Jul-2019 14:29:30 Instrument ID: CVOAMS16
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

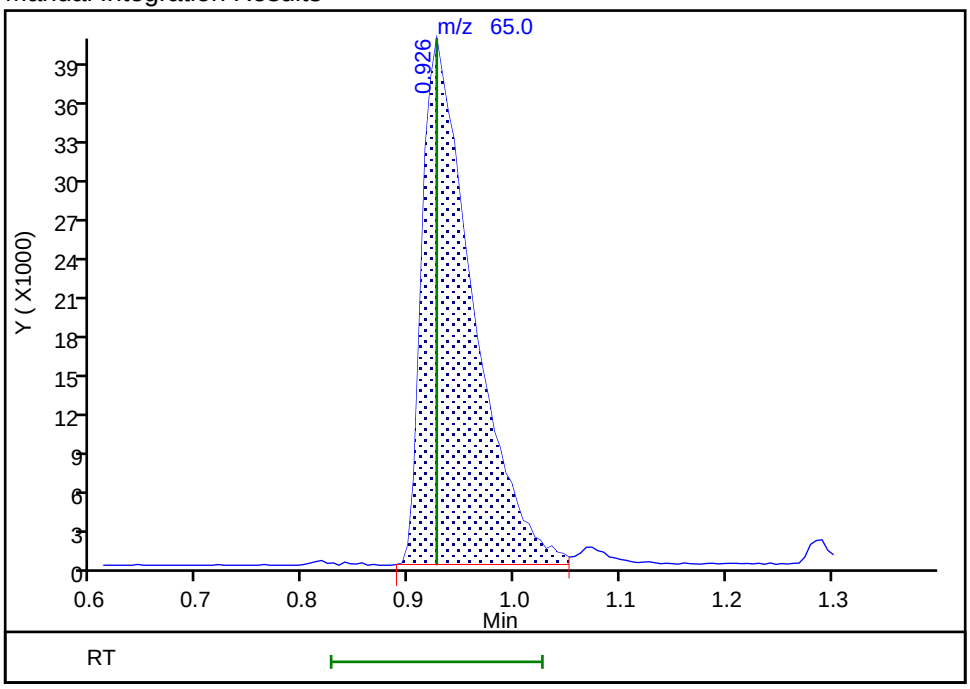
Processing Integration Results

RT: 0.87
Area: 21
Amount: 0.018002
Amount Units: ug/l



Manual Integration Results

RT: 0.93
Area: 134857
Amount: 48.608943
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:34:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

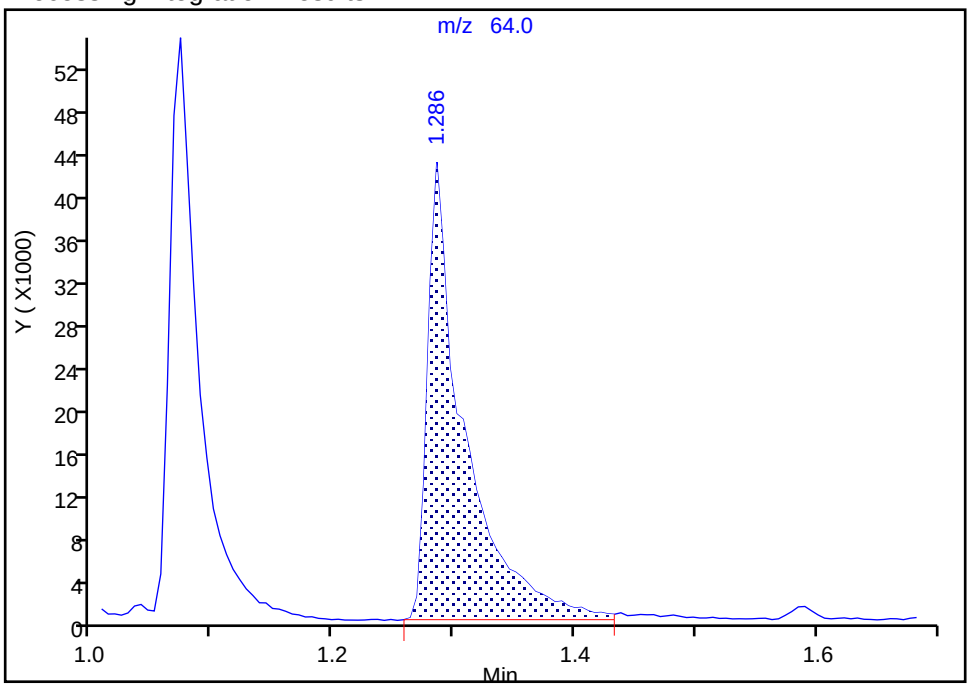
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09966a.D
Injection Date: 30-Jul-2019 14:29:30 Instrument ID: CVOAMS16
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

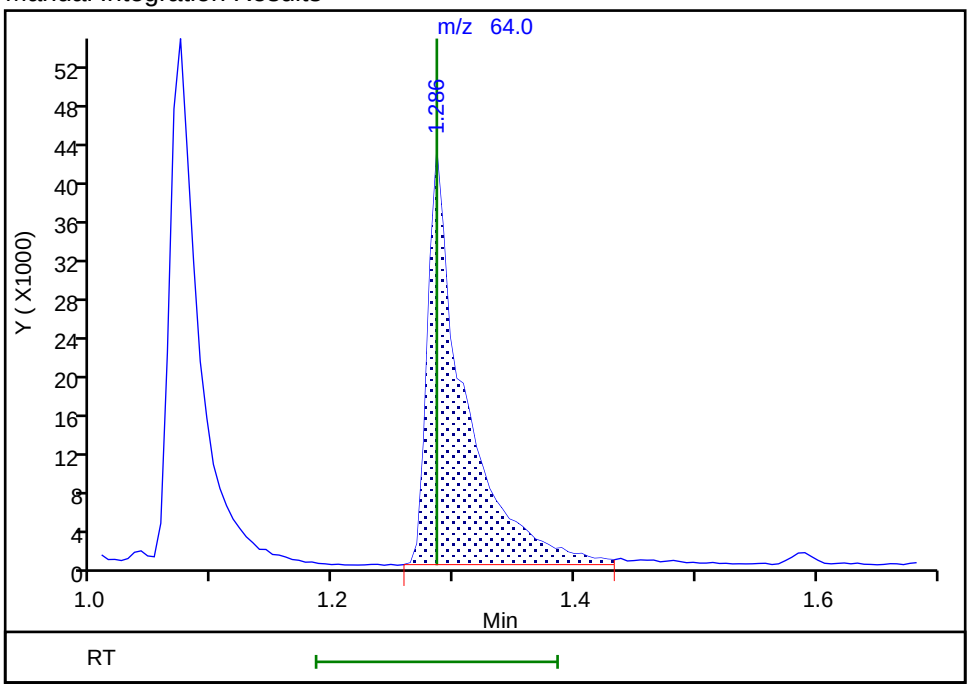
Processing Integration Results

RT: 1.29
Area: 89934
Amount: 36.197904
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 89934
Amount: 36.889214
Amount Units: ug/l



Reviewer: pakanatir, 31-Jul-2019 09:42:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

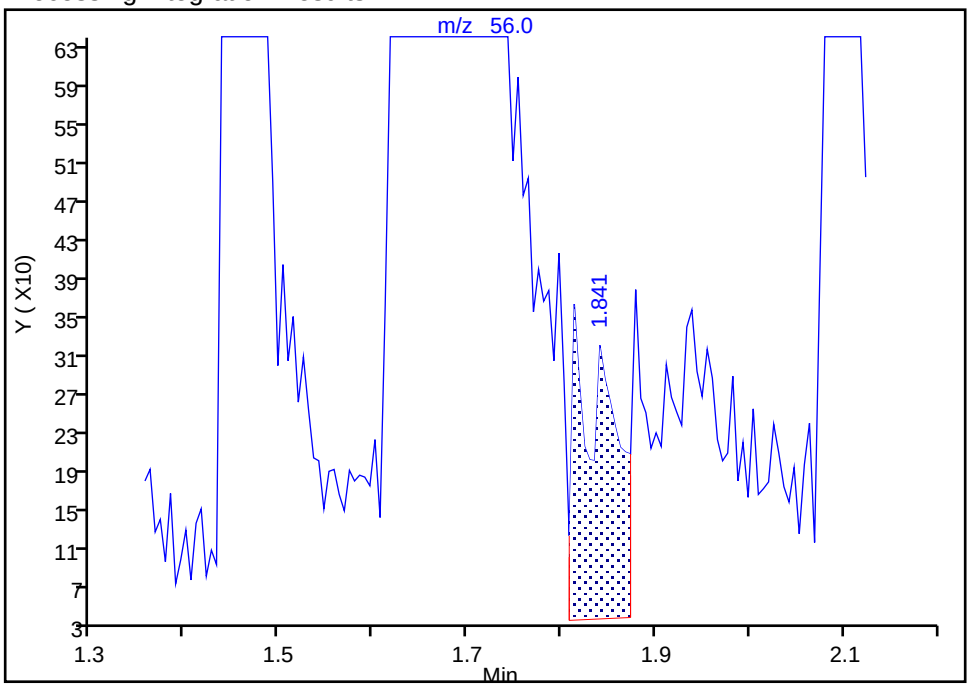
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09966a.D
Injection Date: 30-Jul-2019 14:29:30 Instrument ID: CVOAMS16
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

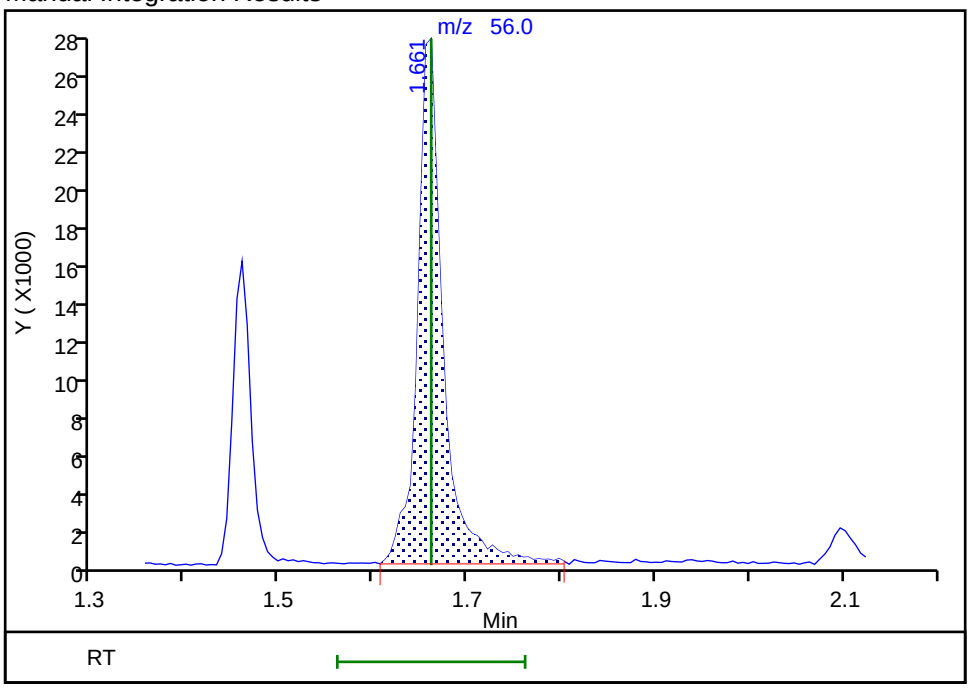
Processing Integration Results

RT: 1.84
Area: 866
Amount: 3.391740
Amount Units: ug/l



Manual Integration Results

RT: 1.66
Area: 51575
Amount: 101.8532
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:35:14
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

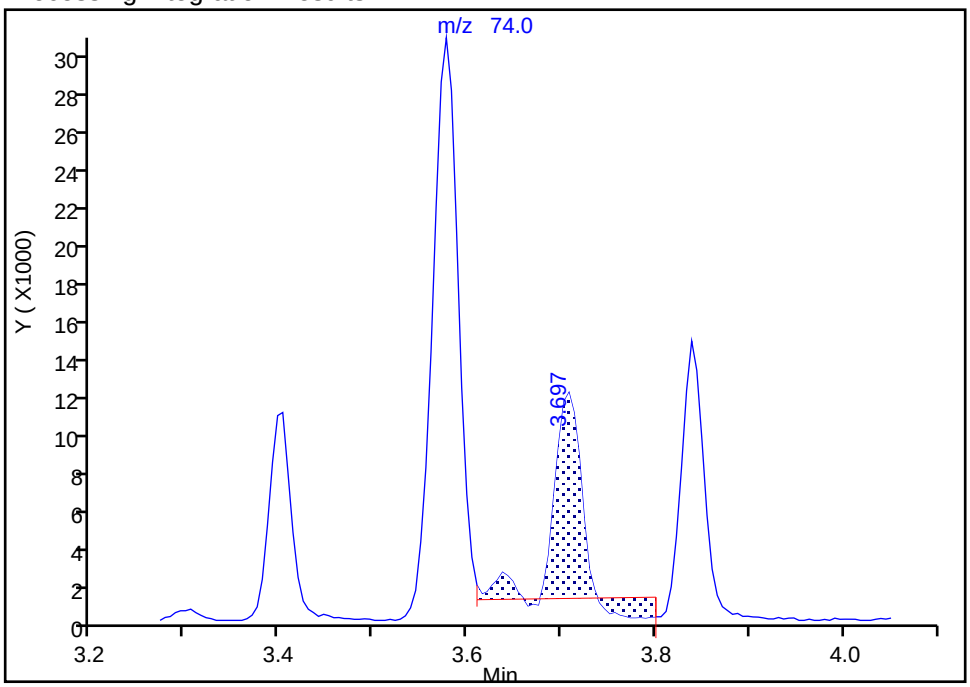
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09966a.D
Injection Date: 30-Jul-2019 14:29:30 Instrument ID: CVOAMS16
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

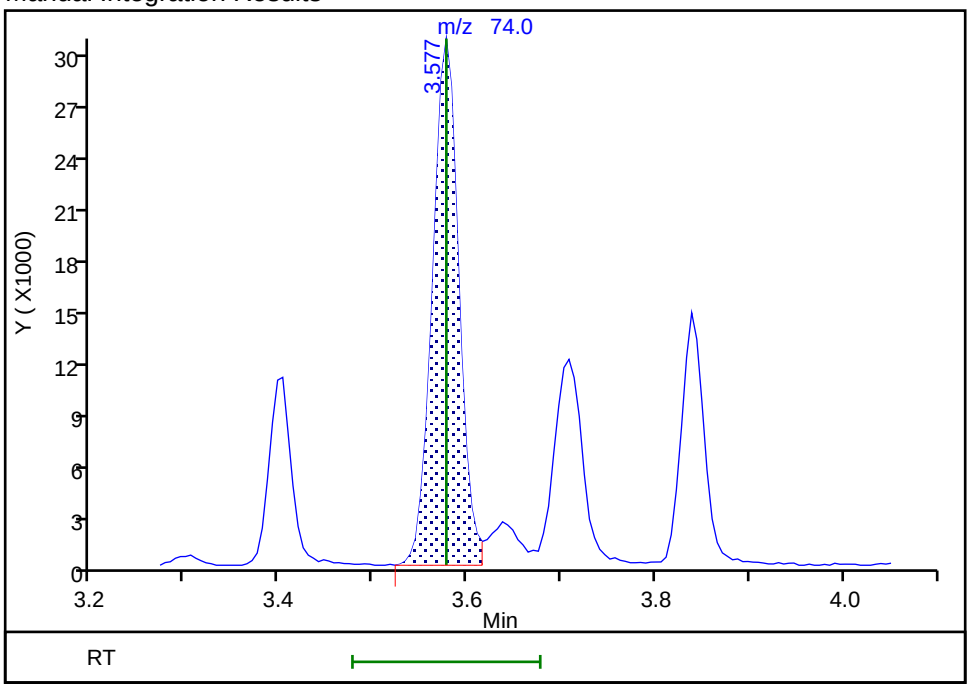
Processing Integration Results

RT: 3.70
Area: 580224
Amount: 3096.8417
Amount Units: ug/l



Manual Integration Results

RT: 3.58
Area: 59346
Amount: 1260.2156
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 17:07:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

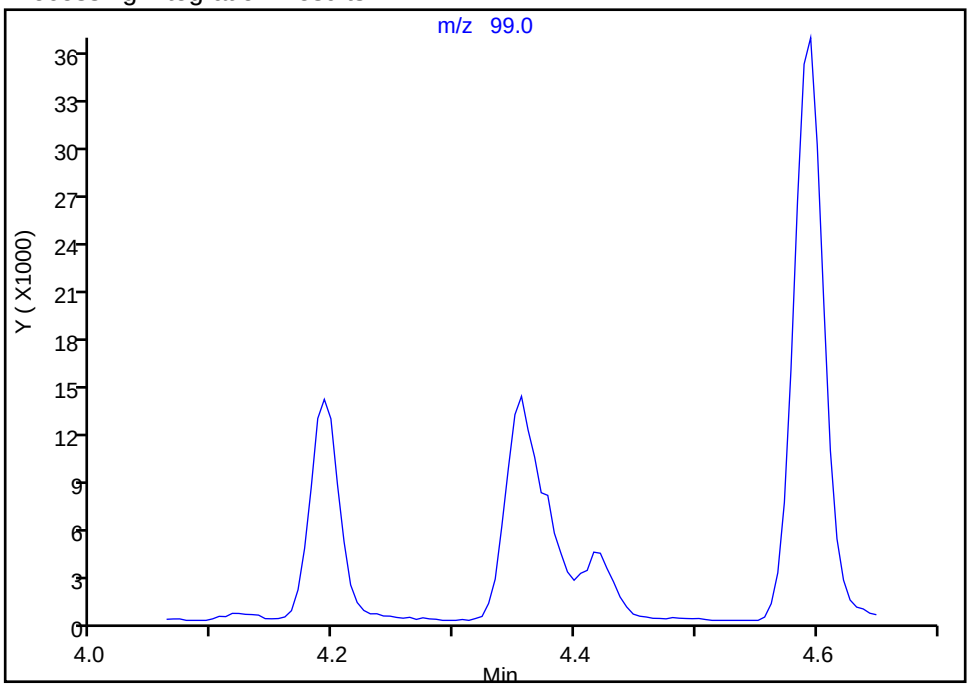
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09966a.D
Injection Date: 30-Jul-2019 14:29:30 Instrument ID: CVOAMS16
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

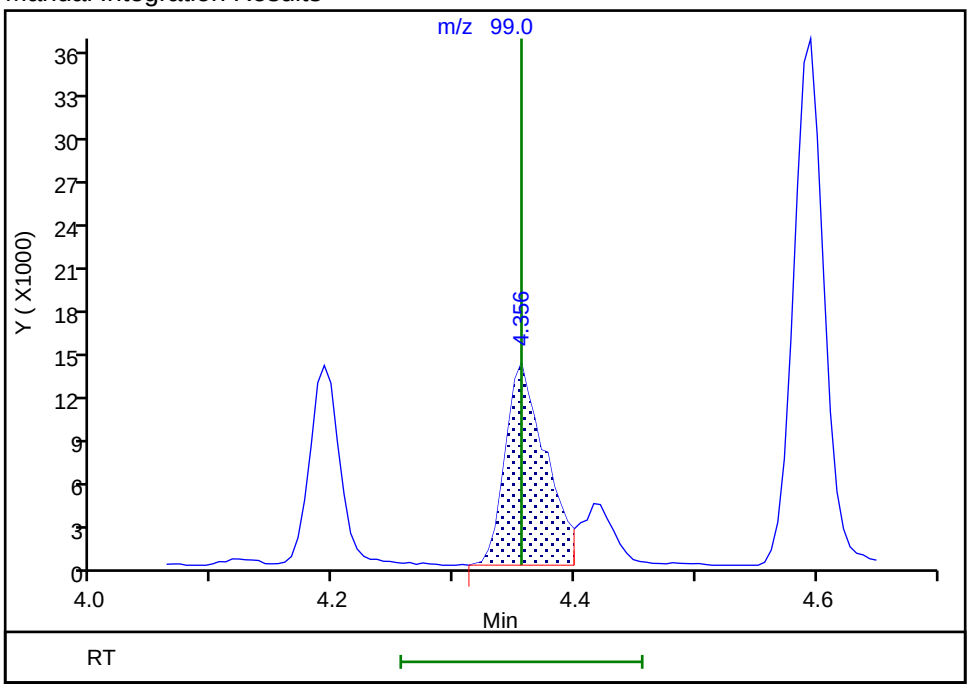
Not Detected
Expected RT: 4.36

Processing Integration Results



Manual Integration Results

RT: 4.36
Area: 32210
Amount: 51.320225
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 17:07:19
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

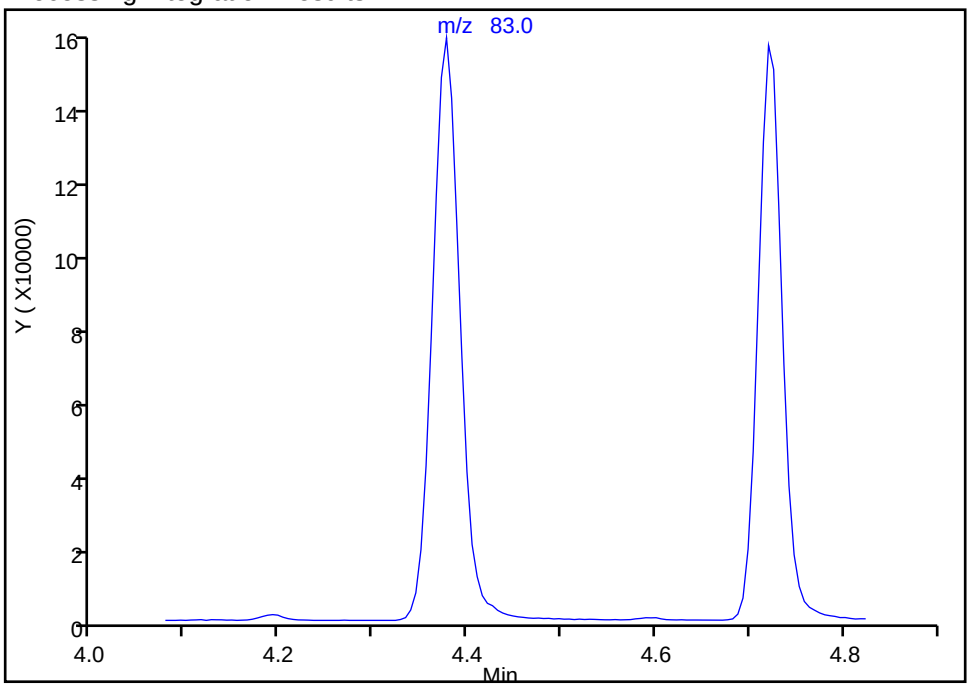
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09966a.D
Injection Date: 30-Jul-2019 14:29:30 Instrument ID: CVOAMS16
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 24 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

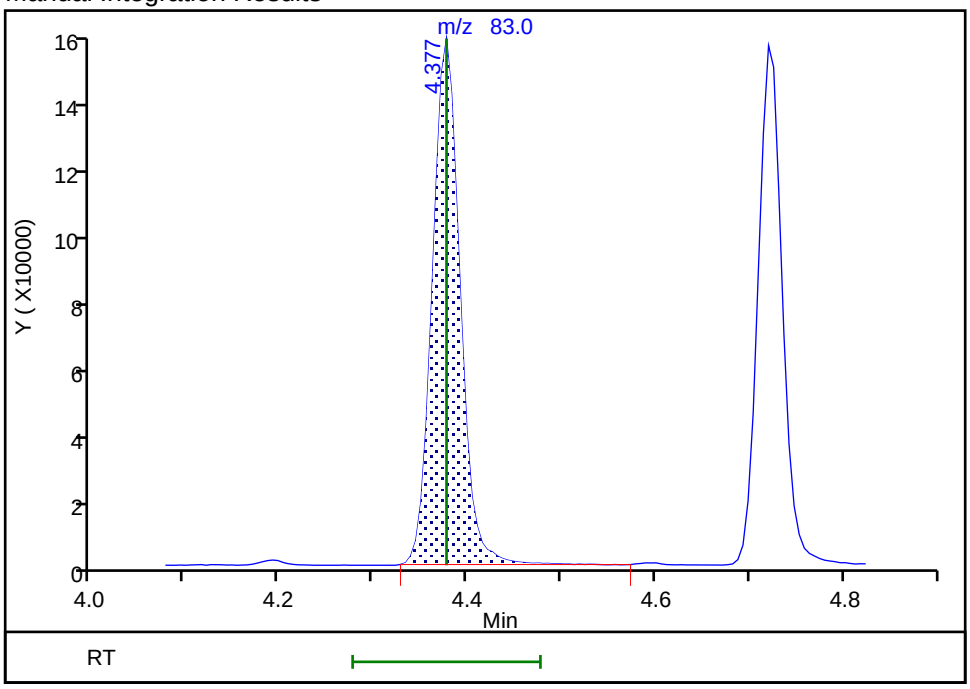
Not Detected
Expected RT: 4.38

Processing Integration Results



Manual Integration Results

RT: 4.38
Area: 323280
Amount: 52.624890
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:35:51
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09967a.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 30-Jul-2019 14:54:30 ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0095201-009
Operator ID: Instrument ID: CVOAMS16
Sublist: chrom-8260W_16*sub6

Method: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2019 11:29:52 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0324

First Level Reviewer: pakanatir Date: 30-Jul-2019 16:42:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.910	0.905	0.005	87	394999	200.0	206.2	
3 Dichlorodifluoromethane	85	0.926	0.921	0.005	98	1528952	200.0	204.2	
4 1,1-Difluoroethane	65	0.926	0.926	0.000	97	674797	200.0	224.0	a
1 Monochloropentafluoroethan	137	0.916	0.905	0.011	69	8195	200.0	208.2	
5 Chlorodifluoromethane	67	0.948	0.948	0.000	97	226499	200.0	207.9	
6 Chloromethane	50	1.041	1.041	0.000	97	915294	200.0	208.0	
7 Vinyl chloride	62	1.073	1.073	0.000	97	1231972	200.0	205.3	
8 Butadiene	54	1.090	1.084	0.006	94	1074231	200.0	206.6	
9 Bromomethane	94	1.237	1.237	0.000	99	312230	200.0	239.0	
10 Chloroethane	64	1.291	1.286	0.005	100	532729	200.0	202.3	a
11 Dichlorofluoromethane	67	1.400	1.394	0.006	97	1725471	200.0	199.9	
12 Trichlorofluoromethane	101	1.427	1.416	0.011	97	1489829	200.0	207.8	
13 Pentane	72	1.465	1.460	0.005	95	307412	400.0	425.3	
14 Ethanol	46	1.580	1.574	0.006	74	211595	8000.0	6560.1	
15 Ethyl ether	59	1.585	1.585	0.000	94	721633	200.0	217.0	
16 1,2-Dichloro-1,1,2-trifluo	117	1.591	1.585	0.006	89	842848	200.0	214.9	
17 2-Methyl-1,3-butadiene	53	1.591	1.590	0.001	87	744699	200.0	216.5	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.623	1.623	0.000	95	1318602	200.0	197.9	
19 Acrolein	56	1.661	1.661	0.000	67	117626	200.0	201.6	a
20 1,1-Dichloroethene	96	1.705	1.699	0.006	98	812379	200.0	192.1	
21 1,1,2-Trichloro-1,2,2-trif	101	1.710	1.705	0.005	96	865544	200.0	199.1	
22 Acetone	58	1.759	1.754	0.005	89	478700	1000.0	1053.8	
23 Iodomethane	127	1.797	1.792	0.005	99	367938	200.0	208.3	
24 Carbon disulfide	76	1.835	1.830	0.005	98	2616861	200.0	197.1	
25 Isopropyl alcohol	45	1.857	1.852	0.005	98	543868	2000.0	1919.2	
26 Acetonitrile	38	1.917	1.917	0.000	82	239090	2000.0	1679.6	
27 3-Chloro-1-propene	76	1.917	1.917	0.000	96	808442	200.0	238.0	
28 Methyl acetate	74	1.944	1.939	0.005	98	327712	400.0	377.7	
29 Cyclopentene	67	1.966	1.961	0.005	99	2096001	200.0	203.1	
30 Methylene Chloride	84	1.999	1.993	0.006	89	1032270	200.0	196.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.048	2.048	0.000	99	296506	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.102	2.102	0.000	99	810739	2000.0	1791.6	
33 Acrylonitrile	53	2.168	2.157	0.011	94	3141771	2000.0	2067.7	
34 trans-1,2-Dichloroethene	96	2.162	2.162	0.000	95	919146	200.0	193.0	
35 Methyl tert-butyl ether	73	2.178	2.173	0.005	97	2446406	200.0	210.6	
36 Hexane	57	2.347	2.342	0.005	92	990359	200.0	193.1	
37 1,1-Dichloroethane	63	2.445	2.440	0.005	99	1401427	200.0	183.6	
38 Vinyl acetate	86	2.494	2.489	0.005	100	342497	400.0	449.6	
39 Isopropyl ether	45	2.510	2.505	0.005	87	2673771	200.0	204.7	
40 2-Chloro-1,3-butadiene	88	2.510	2.505	0.005	87	946065	200.0	212.7	
41 Tert-butyl ethyl ether	59	2.772	2.766	0.006	91	2452230	200.0	211.4	
* 42 2-Butanone-d5	46	2.853	2.848	0.005	0	289190	250.0	250.0	
43 2,2-Dichloropropane	97	2.864	2.859	0.005	96	298102	200.0	200.0	
44 cis-1,2-Dichloroethene	96	2.864	2.864	0.000	96	979905	200.0	190.7	
45 2-Butanone (MEK)	72	2.897	2.891	0.006	98	531511	1000.0	1023.6	
46 Propionitrile	52	2.957	2.940	0.017	97	254431	2000.0	1948.2	
47 Ethyl acetate	70	2.951	2.946	0.005	98	199207	400.0	412.8	
48 Methyl acrylate	55	2.973	2.968	0.005	99	981307	200.0	209.3	
49 Chlorobromomethane	128	3.060	3.049	0.011	87	534693	200.0	205.5	
50 Methacrylonitrile	67	3.077	3.055	0.022	93	3689853	2000.0	2067.9	
51 Tetrahydrofuran	42	3.104	3.098	0.006	84	457197	400.0	363.5	
52 Chloroform	83	3.126	3.120	0.006	98	1462193	200.0	188.6	
$ 53 Dibromofluoromethane (Surr	113	3.256	3.251	0.005	96	173987	50.0	50.1	
54 1,1,1-Trichloroethane	97	3.262	3.262	0.000	98	1230062	200.0	188.1	
55 Cyclohexane	84	3.305	3.300	0.005	89	1184614	200.0	196.8	
56 Carbon tetrachloride	117	3.403	3.398	0.005	98	1105940	200.0	196.3	
57 1,1-Dichloropropene	75	3.403	3.398	0.005	98	1188255	200.0	191.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.539	3.534	0.005	0	176702	50.0	49.2	
60 Benzene	78	3.583	3.577	0.006	97	3358689	200.0	184.1	
59 Isobutyl alcohol	74	3.583	3.577	0.006	96	273720	5000.0	4792.8	M
61 1,2-Dichloroethane	62	3.605	3.599	0.006	96	1096467	200.0	188.8	
62 Isooctane	57	3.670	3.664	0.006	97	2030729	200.0	203.3	
63 Isopropyl acetate	61	3.703	3.692	0.011	97	361323	200.0	213.7	
64 Tert-amyl methyl ether	87	3.713	3.702	0.011	92	826321	200.0	221.3	
* 65 Fluorobenzene	96	3.844	3.839	0.005	96	591563	50.0	50.0	
66 n-Heptane	43	3.855	3.849	0.006	93	792331	200.0	190.0	
67 Trichloroethene	95	4.198	4.192	0.006	98	901006	200.0	186.3	
68 n-Butanol	56	4.214	4.203	0.011	86	622553	5000.0	5218.5	
69 Ethyl acrylate	99	4.361	4.356	0.005	98	143958	200.0	211.2	Ma
70 Methylcyclohexane	83	4.383	4.377	0.006	92	1277152	200.0	191.4	a
71 1,2-Dichloropropane	63	4.427	4.421	0.006	92	903155	200.0	196.4	
72 Dibromomethane	93	4.541	4.535	0.006	97	584789	200.0	194.4	
* 73 1,4-Dioxane-d8	96	4.541	4.535	0.006	0	42186	1000.0	1000.0	
74 1,4-Dioxane	88	4.601	4.595	0.006	31	240992	4000.0	3921.0	
75 Methyl methacrylate	100	4.601	4.595	0.006	86	520691	400.0	426.9	
76 n-Propyl acetate	43	4.682	4.677	0.005	97	1127104	200.0	213.0	
77 Dichlorobromomethane	83	4.726	4.720	0.006	98	1176260	200.0	193.2	
78 2-Nitropropane	41	4.998	4.987	0.011	96	398238	400.0	399.8	
79 2-Chloroethyl vinyl ether	63	5.102	5.096	0.006	94	110506	200.5	200.9	
80 Epichlorohydrin	57	5.156	5.145	0.011	99	1476530	4000.0	4374.3	
81 cis-1,3-Dichloropropene	75	5.243	5.232	0.011	90	1482279	200.0	189.4	
82 4-Methyl-2-pentanone (MIBK	43	5.466	5.455	0.011	93	3335278	1000.0	975.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.548	5.542	0.006	100	658710	50.0	49.1	
84 Toluene	91	5.624	5.619	0.005	95	3464930	200.0	179.4	
85 trans-1,3-Dichloropropene	75	5.934	5.929	0.005	96	1393875	200.0	197.8	
86 Ethyl methacrylate	69	6.114	6.108	0.006	89	1116925	200.0	199.5	
87 1,1,2-Trichloroethane	83	6.158	6.147	0.011	95	713083	200.0	192.2	
88 Tetrachloroethene	166	6.299	6.299	0.000	95	898080	200.0	182.8	
89 1,3-Dichloropropane	76	6.364	6.353	0.011	92	1363081	200.0	191.7	
90 2-Hexanone	43	6.550	6.539	0.011	92	2475044	1000.0	999.5	
91 Chlorodibromomethane	129	6.648	6.642	0.006	97	1005211	200.0	200.4	
92 n-Butyl acetate	43	6.762	6.756	0.006	98	1235822	200.0	204.1	
93 Ethylene Dibromide	107	6.767	6.762	0.005	100	896042	200.0	197.2	
* 94 Chlorobenzene-d5	117	7.437	7.431	0.006	84	503239	50.0	50.0	
95 Chlorobenzene	112	7.475	7.469	0.006	93	2491750	200.0	185.3	
96 1,1,1,2-Tetrachloroethane	131	7.622	7.616	0.006	98	949390	200.0	199.1	
97 Ethylbenzene	106	7.682	7.671	0.011	98	1368618	200.0	191.9	
98 m-Xylene & p-Xylene	106	7.861	7.856	0.005	0	1695232	200.0	191.4	
99 o-Xylene	106	8.444	8.433	0.011	95	1703229	200.0	196.8	
100 Styrene	104	8.477	8.466	0.010	94	2846910	200.0	195.8	
101 n-Butyl acrylate	73	8.542	8.531	0.011	99	782114	200.0	218.8	
102 Bromoform	173	8.700	8.694	0.006	96	701193	200.0	215.2	
103 Amyl acetate (mixed isomer	43	8.928	8.923	0.005	92	1499364	200.0	208.6	
104 Isopropylbenzene	105	9.043	9.037	0.006	96	3940568	200.0	189.8	
$ 105 4-Bromofluorobenzene	174	9.244	9.238	0.006	90	225691	50.0	51.6	
106 Bromobenzene	156	9.429	9.418	0.011	96	1172644	200.0	192.8	
107 1,1,2,2-Tetrachloroethane	83	9.565	9.554	0.011	98	1202010	200.0	201.3	
108 1,2,3-Trichloropropane	110	9.576	9.571	0.005	98	325439	200.0	201.7	
109 trans-1,4-Dichloro-2-buten	53	9.663	9.652	0.011	95	307807	200.0	210.2	
110 N-Propylbenzene	91	9.712	9.696	0.016	99	4838088	200.0	186.0	
111 2-Chlorotoluene	91	9.783	9.767	0.017	97	2994514	200.0	187.0	
112 4-Ethyltoluene	105	9.908	9.897	0.011	98	4345979	200.0	196.5	
113 4-Chlorotoluene	91	9.968	9.957	0.011	96	3233184	200.0	193.9	
114 1,3,5-Trimethylbenzene	105	10.022	10.011	0.011	94	3504808	200.0	191.7	
115 Butyl Methacrylate	87	10.311	10.300	0.011	87	1489717	200.0	220.7	
116 tert-Butylbenzene	119	10.529	10.518	0.011	93	2863105	200.0	191.7	
117 1,2,4-Trimethylbenzene	105	10.616	10.605	0.011	97	3648467	200.0	188.9	
118 sec-Butylbenzene	105	10.899	10.888	0.011	98	4079585	200.0	187.6	
119 1,3-Dichlorobenzene	146	10.997	10.986	0.011	94	2158291	200.0	186.2	
* 120 1,4-Dichlorobenzene-d4	152	11.111	11.106	0.005	95	299188	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.155	11.144	0.011	97	2211914	200.0	185.7	
122 4-Isopropyltoluene	119	11.176	11.165	0.011	97	3607275	200.0	189.1	
123 1,2,3-Trimethylbenzene	105	11.280	11.269	0.011	97	3904137	200.0	193.4	
124 Benzyl chloride	126	11.394	11.383	0.011	99	541904	200.0	224.8	
125 2,3-Dihydroindene	117	11.525	11.514	0.011	95	3770500	200.0	189.4	
126 1,2-Dichlorobenzene	146	11.666	11.655	0.011	94	2115605	200.0	183.6	
127 p-Diethylbenzene	119	11.726	11.715	0.011	92	2155614	200.0	196.9	a
128 n-Butylbenzene	92	11.748	11.742	0.006	98	1928357	200.0	188.9	
129 1,2-Dibromo-3-Chloropropan	75	12.586	12.581	0.005	94	236842	200.0	199.8	
130 1,2,4,5-Tetramethylbenzene	119	12.614	12.608	0.006	97	3513883	200.0	188.6	
131 1,3,5-Trichlorobenzene	180	12.804	12.799	0.006	97	1500455	200.0	182.8	
132 1,2,4-Trichlorobenzene	180	13.376	13.376	0.000	95	1356935	200.0	177.0	
133 Hexachlorobutadiene	225	13.555	13.550	0.005	94	462392	200.0	177.1	
134 Naphthalene	128	13.577	13.571	0.006	98	3282449	200.0	172.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.784	13.778	0.006	96	1269792	200.0	179.7	
S 137 1,2-Dichloroethene, Total	100				0		400.0	383.7	
S 138 Xylenes, Total	100				0		400.0	388.2	
S 139 Total BTEX	1				0		1000.0	943.7	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00316	Amount Added:	20.00	Units: uL	
MIX I Hi_00110	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00085	Amount Added:	20.00	Units: uL	
Ethanol mix_00031	Amount Added:	20.00	Units: uL	
8FreonHi_00006	Amount Added:	20.00	Units: uL	
ACROLEIN W_00093	Amount Added:	20.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00199	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2019 11:30:00 Chrom Revision: 2.3 15-Jul-2019 06:58:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09967a.D

Injection Date: 30-Jul-2019 14:54:30 Instrument ID: CVOAMS16 Operator ID:

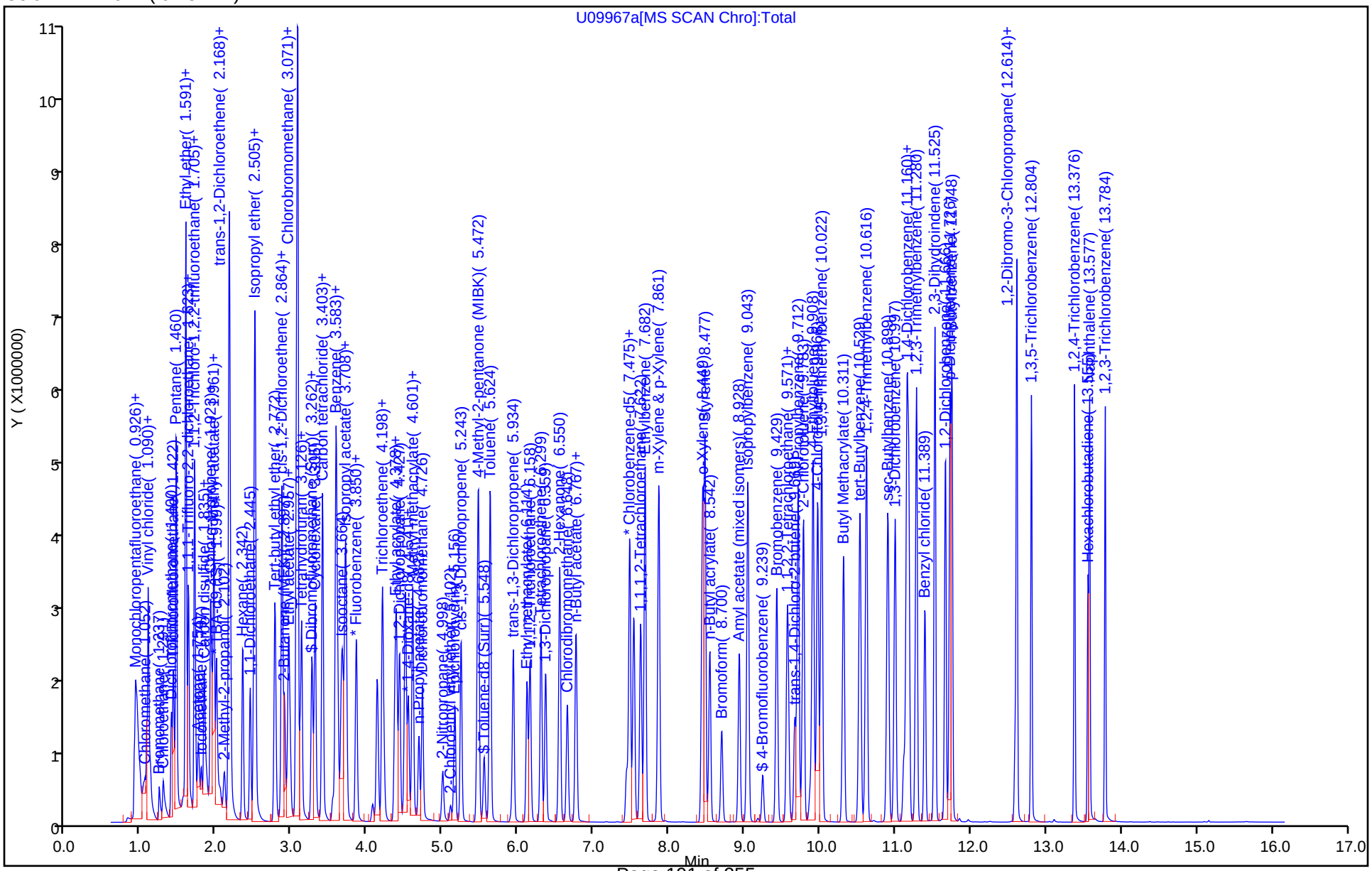
Lims ID: STD200 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 25

Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

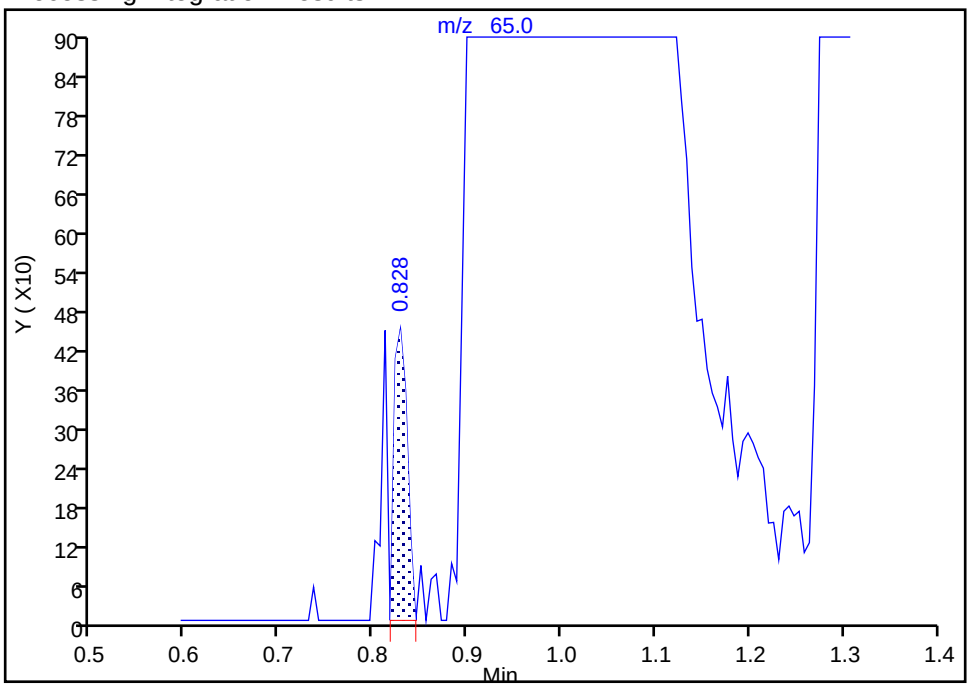
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09967a.D
Injection Date: 30-Jul-2019 14:54:30 Instrument ID: CVOAMS16
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

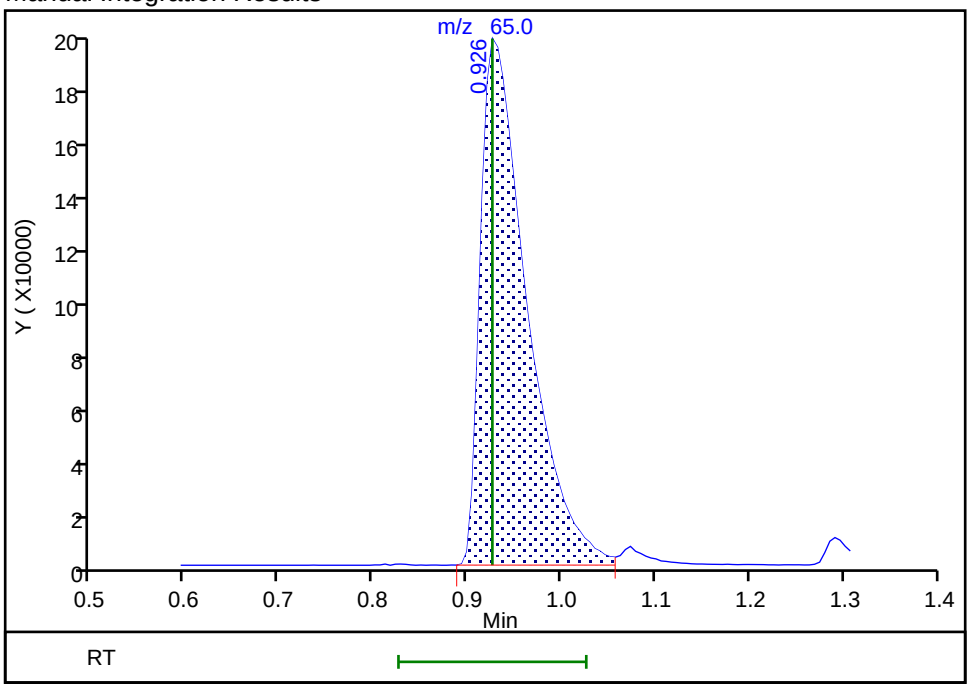
Processing Integration Results

RT: 0.83
Area: 434
Amount: 0.234256
Amount Units: ug/l



Manual Integration Results

RT: 0.93
Area: 674797
Amount: 223.9551
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:40:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

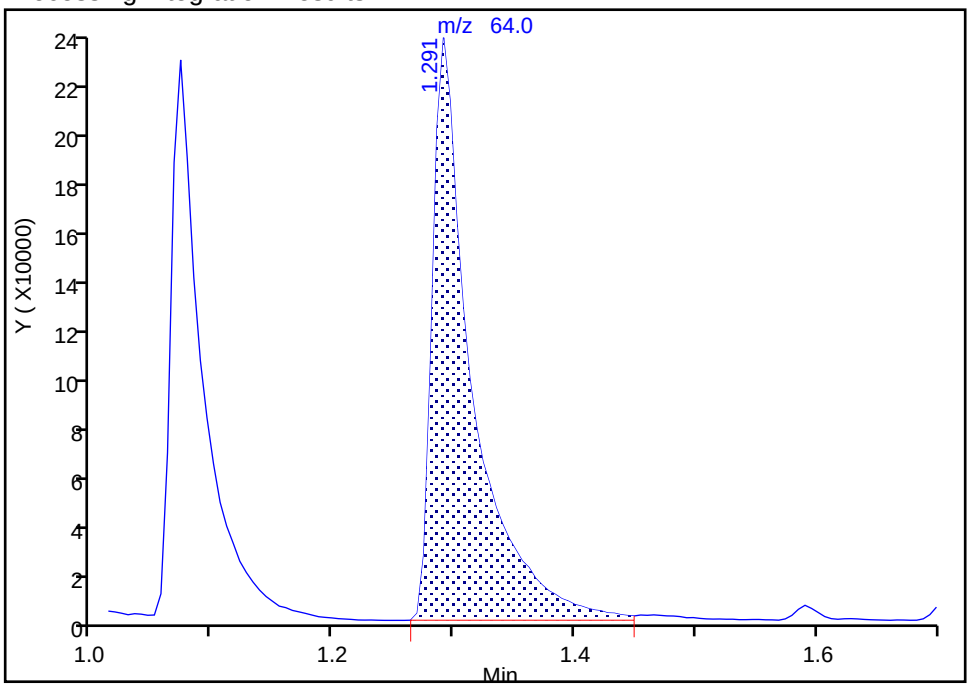
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09967a.D
Injection Date: 30-Jul-2019 14:54:30 Instrument ID: CVOAMS16
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

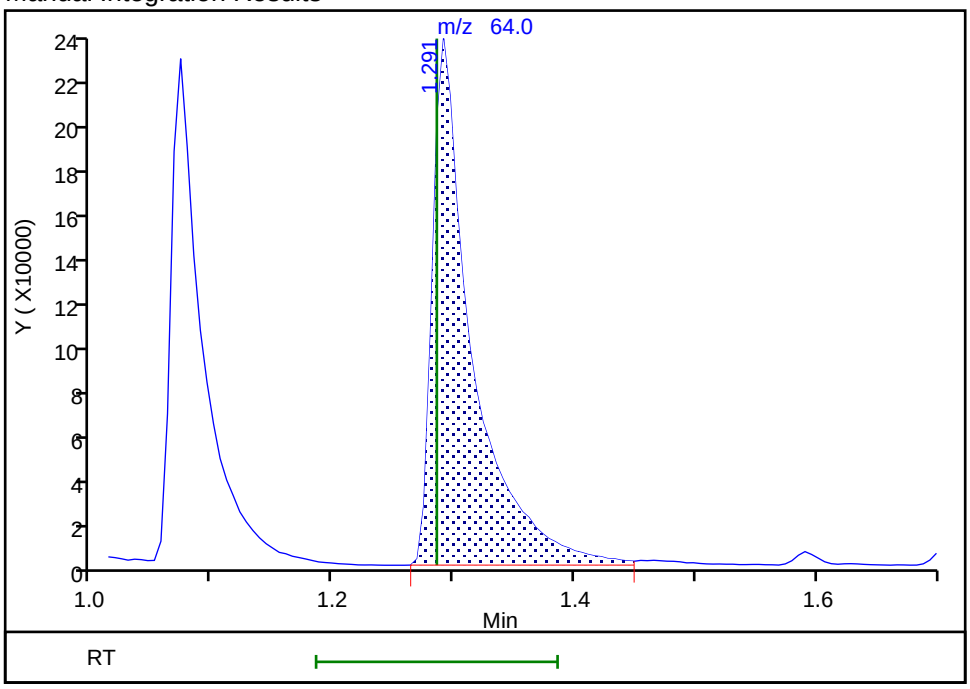
Processing Integration Results

RT: 1.29
Area: 532729
Amount: 200.2300
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 532729
Amount: 202.2977
Amount Units: ug/l



Reviewer: pakanatir, 31-Jul-2019 09:34:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

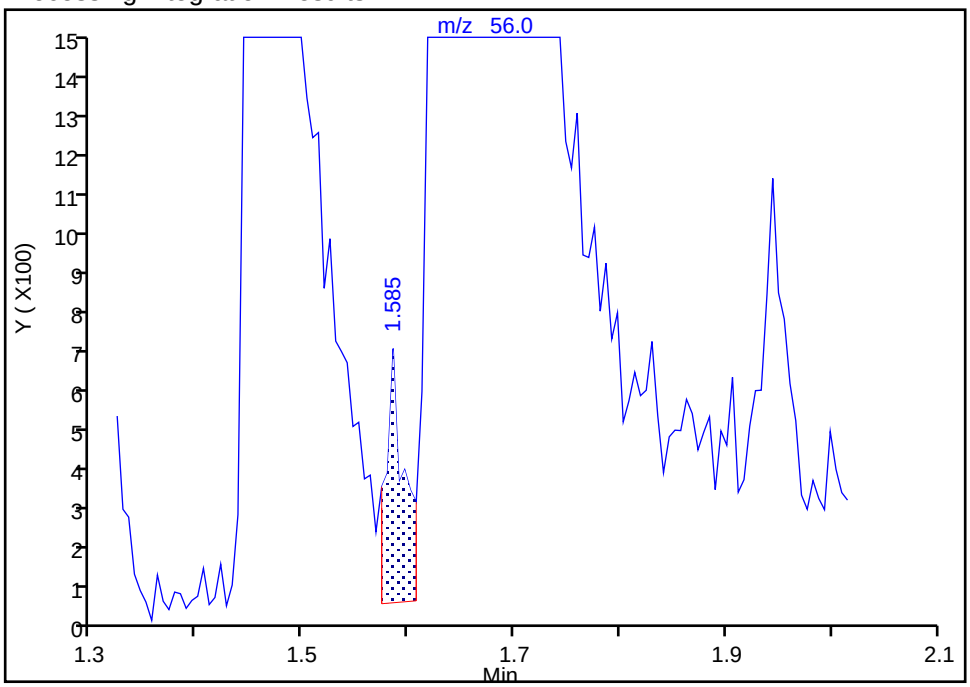
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09967a.D
Injection Date: 30-Jul-2019 14:54:30 Instrument ID: CVOAMS16
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

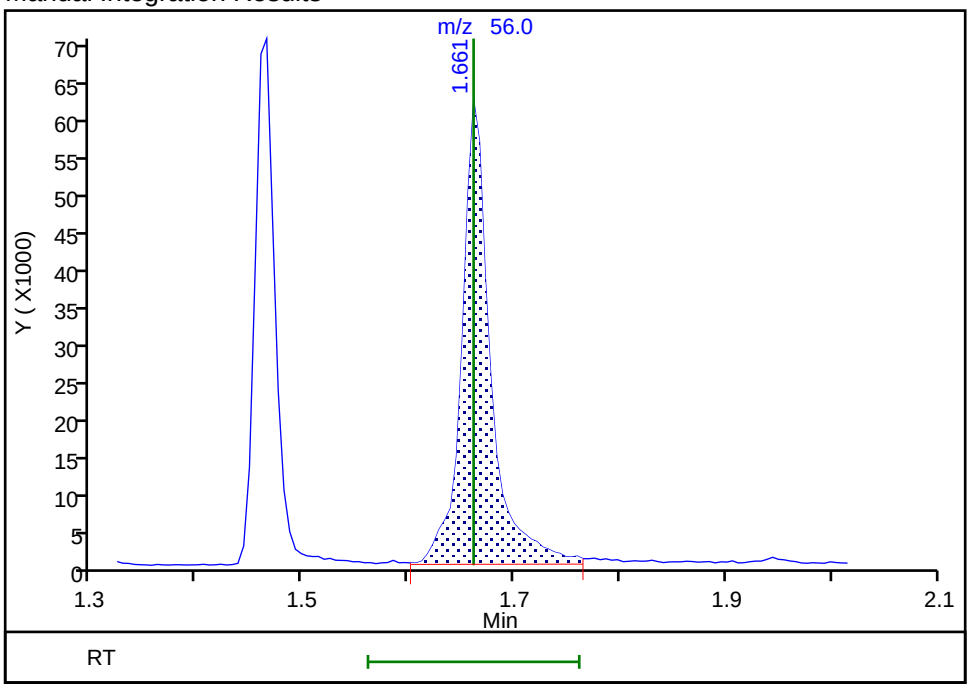
Processing Integration Results

RT: 1.59
Area: 756
Amount: 1.834322
Amount Units: ug/l



Manual Integration Results

RT: 1.66
Area: 117626
Amount: 201.6317
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:41:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

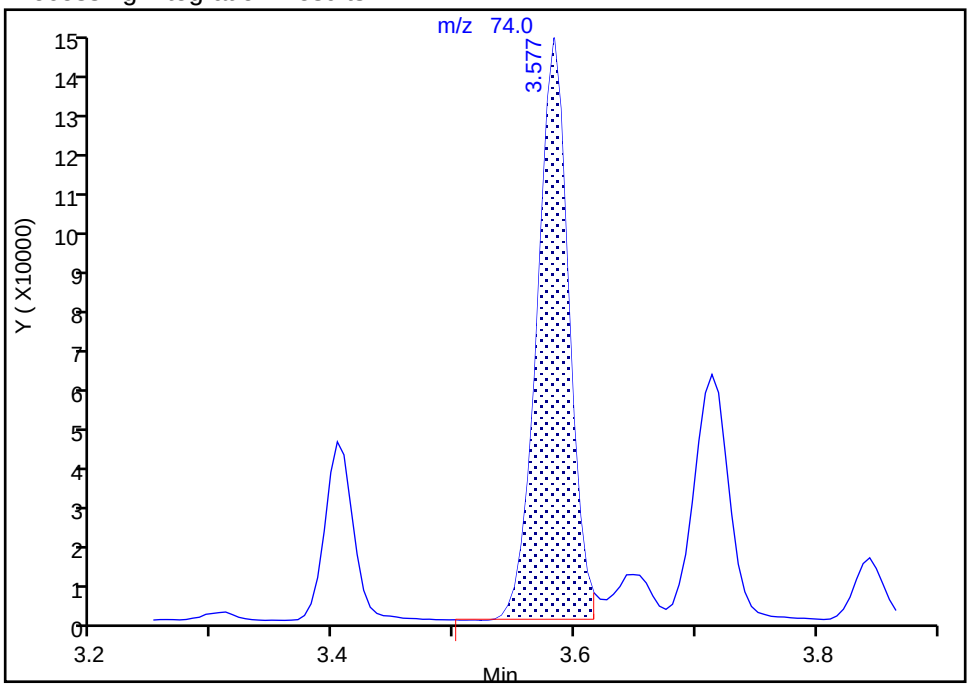
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09967a.D
Injection Date: 30-Jul-2019 14:54:30 Instrument ID: CVOAMS16
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

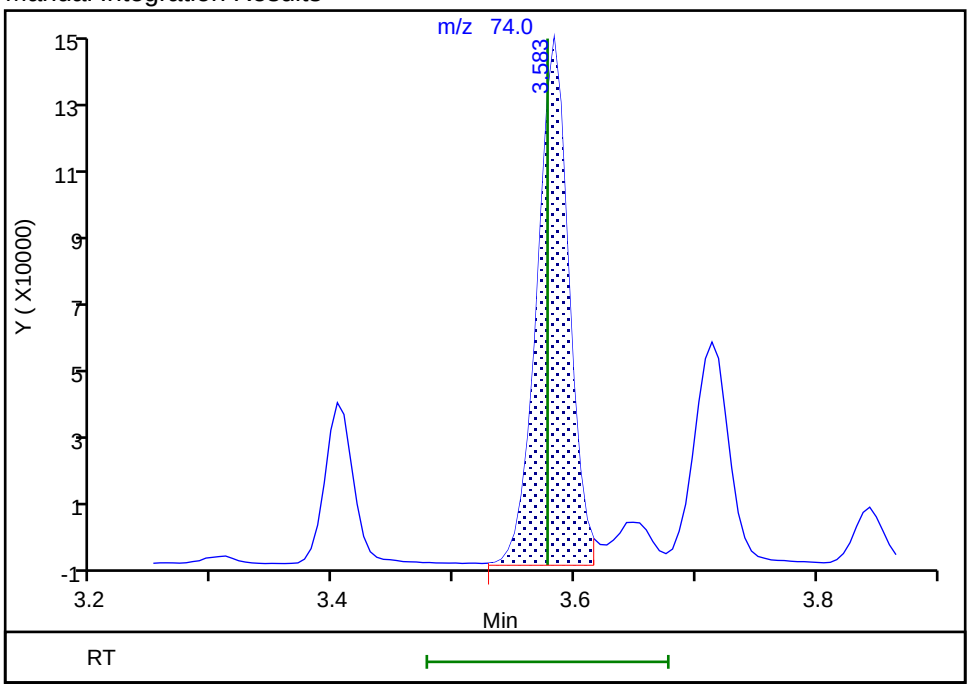
Processing Integration Results

RT: 3.58
Area: 873682
Amount: 11330
Amount Units: ug/l



Manual Integration Results

RT: 3.58
Area: 273720
Amount: 4792.8003
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 17:37:11
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

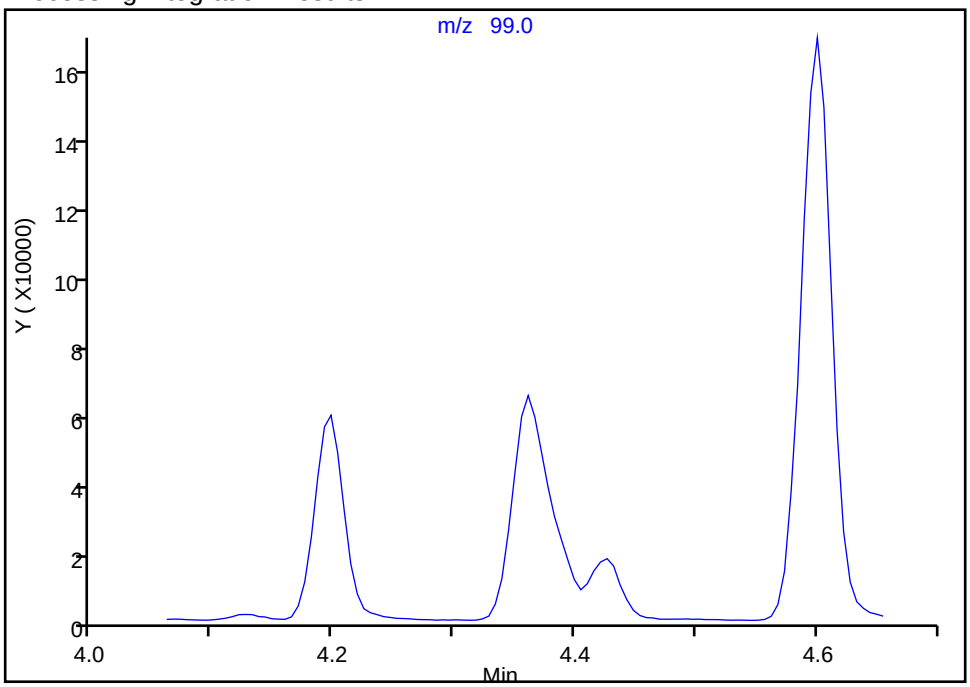
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09967a.D
Injection Date: 30-Jul-2019 14:54:30 Instrument ID: CVOAMS16
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

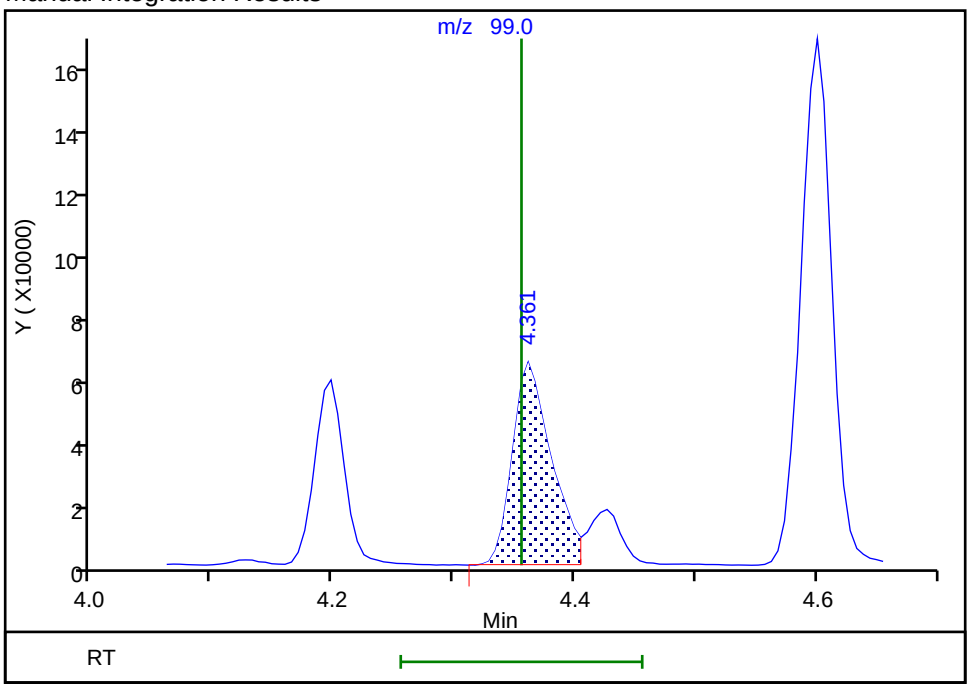
Not Detected
Expected RT: 4.36

Processing Integration Results



Manual Integration Results

RT: 4.36
Area: 143958
Amount: 211.1927
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 17:08:43
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

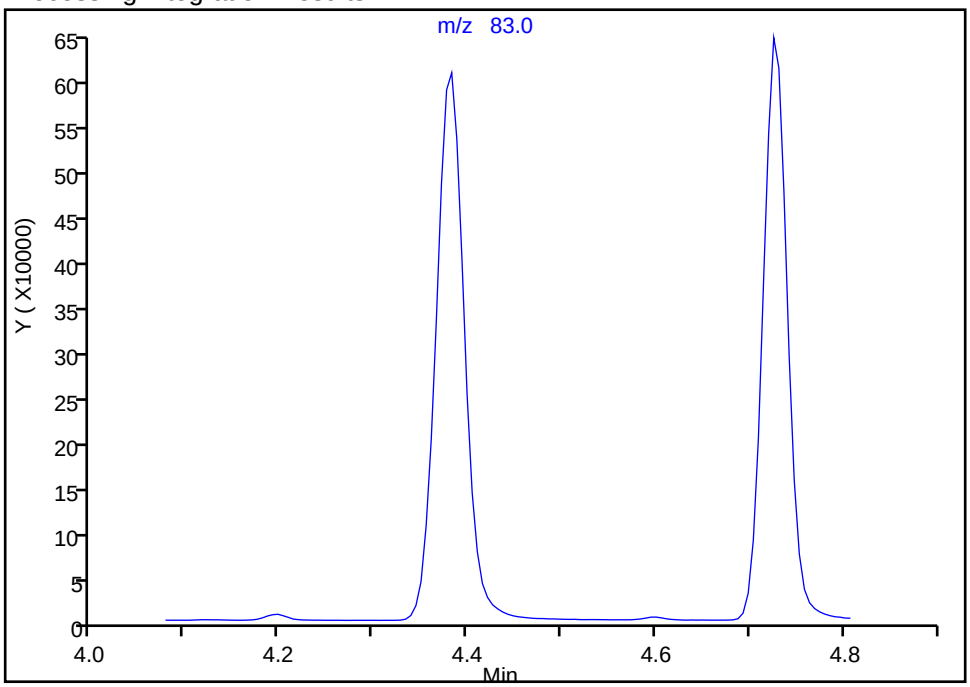
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09967a.D
Injection Date: 30-Jul-2019 14:54:30 Instrument ID: CVOAMS16
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

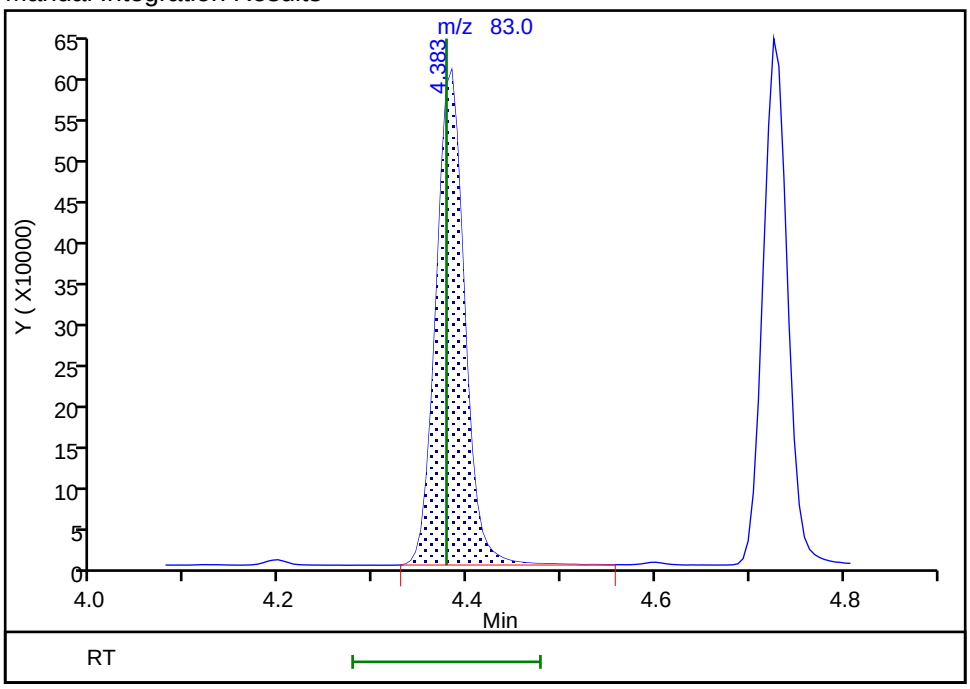
Not Detected
Expected RT: 4.38

Processing Integration Results



Manual Integration Results

RT: 4.38
Area: 1277152
Amount: 191.4257
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:41:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

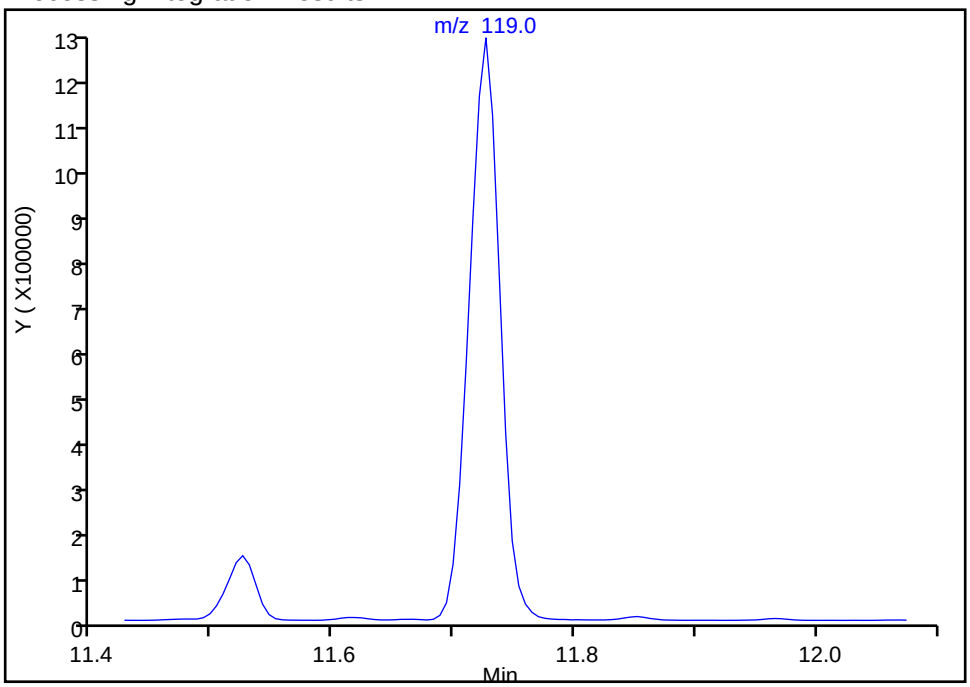
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09967a.D
Injection Date: 30-Jul-2019 14:54:30 Instrument ID: CVOAMS16
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

127 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

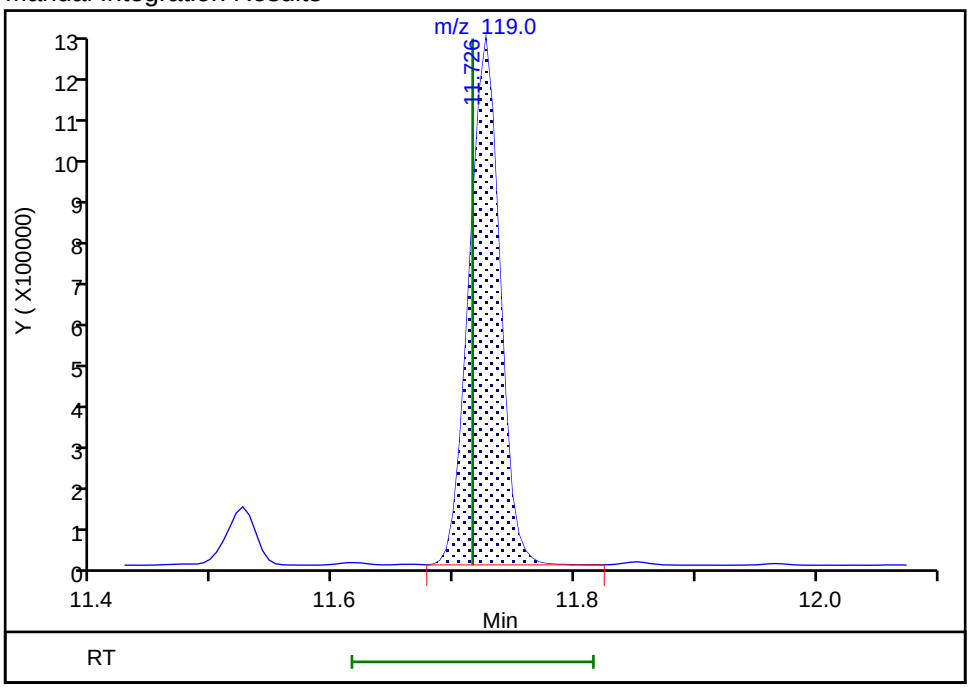
Not Detected
Expected RT: 11.72

Processing Integration Results



Manual Integration Results

RT: 11.73
Area: 2155614
Amount: 196.8733
Amount Units: ug/l



Reviewer: pakanatir, 30-Jul-2019 16:42:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 30-Jul-2019 15:18:30 ALS Bottle#: 26 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0095201-010
Operator ID: Instrument ID: CVOAMS16
Sublist: chrom-8260W_16*sub6

Method: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2019 11:30:22 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0324

First Level Reviewer: pakanatir Date: 30-Jul-2019 16:45:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.905	0.905	0.000	92	1001304	500.0	498.9	
1 Monochloropentafluoroethan	137	0.905	0.905	0.000	68	23525	500.0	544.4	
3 Dichlorodifluoromethane	85	0.922	0.921	0.001	97	3679492	500.0	447.5	
4 1,1-Difluoroethane	65	0.927	0.926	0.001	97	1637428	500.0	495.0	a
5 Chlorodifluoromethane	67	0.949	0.948	0.001	97	544606	500.0	455.3	
6 Chloromethane	50	1.041	1.041	0.000	96	2411022	500.0	499.0	
7 Vinyl chloride	62	1.074	1.073	0.001	96	3053587	500.0	463.4	
8 Butadiene	54	1.090	1.084	0.006	95	2579638	500.0	451.8	
9 Bromomethane	94	1.237	1.237	0.000	98	724728	500.0	480.6	
10 Chloroethane	64	1.286	1.286	0.000	99	665324	500.0	230.1	
11 Dichlorofluoromethane	67	1.395	1.394	0.001	97	4000155	500.0	422.0	
12 Trichlorofluoromethane	101	1.417	1.416	0.001	97	3615441	500.0	459.3	
13 Pentane	72	1.455	1.460	-0.005	93	735853	1000.0	927.3	
14 Ethanol	46	1.624	1.574	0.050	76	546697	20000	14502	
15 Ethyl ether	59	1.591	1.585	0.006	95	1648086	500.0	451.4	
16 1,2-Dichloro-1,1,2-trifluo	117	1.597	1.585	0.011	93	1982145	500.0	460.3	
17 2-Methyl-1,3-butadiene	53	1.586	1.590	-0.004	95	1708955	500.0	452.6	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.629	1.623	0.006	94	3802911	500.0	519.9	
19 Acrolein	56	1.667	1.661	0.006	92	243874	400.0	399.4	
20 1,1-Dichloroethene	96	1.705	1.699	0.006	95	2515007	500.0	541.8	
21 1,1,2-Trichloro-1,2,2-trif	101	1.705	1.705	0.000	96	2398997	500.0	502.6	
22 Acetone	58	1.771	1.754	0.017	90	1237999	2500.0	2361.2	
23 Iodomethane	127	1.792	1.792	0.000	100	984406	500.0	498.9	
24 Carbon disulfide	76	1.831	1.830	0.001	99	6671722	500.0	458.5	
25 Isopropyl alcohol	45	1.907	1.852	0.055	97	1561562	5000.0	4714.8	
26 Acetonitrile	38	1.961	1.917	0.044	85	547318	5000.0	3289.7	a
27 3-Chloro-1-propene	76	1.923	1.917	0.006	96	2211333	500.0	592.8	
28 Methyl acetate	74	1.956	1.939	0.017	98	902637	1000.0	890.0	
29 Cyclopentene	67	1.961	1.961	0.000	98	4960850	500.0	437.8	
30 Methylene Chloride	84	1.999	1.993	0.006	88	2737930	500.0	475.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.076	2.048	0.028	100	346539	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.130	2.102	0.028	97	2322898	5000.0	4392.1	
33 Acrylonitrile	53	2.184	2.157	0.027	93	7491989	5000.0	4490.9	
34 trans-1,2-Dichloroethene	96	2.168	2.162	0.006	90	2464215	500.0	471.2	
35 Methyl tert-butyl ether	73	2.184	2.173	0.011	98	5732021	500.0	449.5	
36 Hexane	57	2.342	2.342	0.000	92	2583563	500.0	458.8	
37 1,1-Dichloroethane	63	2.451	2.440	0.011	98	4225844	500.0	504.1	
38 Vinyl acetate	86	2.500	2.489	0.011	99	822486	1000.0	935.5	
39 Isopropyl ether	45	2.516	2.505	0.011	84	6019980	500.0	419.8	
40 2-Chloro-1,3-butadiene	88	2.511	2.505	0.006	87	2315709	500.0	474.1	
41 Tert-butyl ethyl ether	59	2.778	2.766	0.012	93	5970552	500.0	468.8	
* 42 2-Butanone-d5	46	2.865	2.848	0.017	0	333793	250.0	250.0	
43 2,2-Dichloropropane	97	2.870	2.859	0.011	95	797887	500.0	487.7	
44 cis-1,2-Dichloroethene	96	2.876	2.864	0.012	97	2772155	500.0	491.3	
45 2-Butanone (MEK)	72	2.914	2.891	0.023	98	1434382	2500.0	2393.1	
46 Propionitrile	52	2.990	2.940	0.050	94	679024	5000.0	4448.7	
47 Ethyl acetate	70	2.963	2.946	0.017	98	525186	1000.0	942.9	
48 Methyl acrylate	55	2.985	2.968	0.017	100	2554654	500.0	496.4	
49 Chlorobromomethane	128	3.072	3.049	0.023	81	1364428	500.0	477.5	
50 Methacrylonitrile	67	3.104	3.055	0.049	85	8699834	5000.0	4440.7	
51 Tetrahydrofuran	42	3.126	3.098	0.028	87	1658388	1000.0	1142.3	
52 Chloroform	83	3.142	3.120	0.022	97	3719686	500.0	437.0	
$ 53 Dibromofluoromethane (Surr	113	3.262	3.251	0.011	95	194945	50.0	51.1	
54 1,1,1-Trichloroethane	97	3.273	3.262	0.011	98	3187977	500.0	444.0	
55 Cyclohexane	84	3.311	3.300	0.011	89	3179407	500.0	481.2	
56 Carbon tetrachloride	117	3.404	3.398	0.006	98	2850787	500.0	460.9	
57 1,1-Dichloropropene	75	3.409	3.398	0.011	96	3120133	500.0	456.7	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.545	3.534	0.011	0	196191	50.0	49.8	
59 Isobutyl alcohol	74	3.589	3.577	0.012	92	771411	12500	11557	a
60 Benzene	78	3.589	3.577	0.012	98	7975517	500.0	391.8	
61 1,2-Dichloroethane	62	3.616	3.599	0.017	95	2771427	500.0	434.6	
62 Isooctane	57	3.670	3.664	0.006	96	4911053	500.0	447.8	
63 Isopropyl acetate	61	3.714	3.692	0.022	97	985962	500.0	531.1	
64 Tert-amyl methyl ether	87	3.719	3.702	0.017	94	2163727	500.0	527.8	
* 65 Fluorobenzene	96	3.850	3.839	0.011	99	649490	50.0	50.0	
66 n-Heptane	43	3.856	3.849	0.007	89	2073775	500.0	452.9	
67 Trichloroethene	95	4.198	4.192	0.006	98	2392413	500.0	450.5	
68 n-Butanol	56	4.258	4.203	0.055	86	1672515	12500	11996	
69 Ethyl acrylate	99	4.373	4.356	0.017	99	400011	500.0	534.5	
70 Methylcyclohexane	83	4.384	4.377	0.007	88	3436509	500.0	469.1	
71 1,2-Dichloropropane	63	4.433	4.421	0.012	91	2362936	500.0	468.0	
72 Dibromomethane	93	4.552	4.535	0.017	96	1543854	500.0	467.5	
* 73 1,4-Dioxane-d8	96	4.552	4.535	0.017	0	58606	1000.0	1000.0	
74 1,4-Dioxane	88	4.623	4.595	0.028	94	639307	10000	7487.4	
75 Methyl methacrylate	100	4.612	4.595	0.017	87	1366326	1000.0	1020.3	
76 n-Propyl acetate	43	4.694	4.677	0.017	96	2711940	500.0	466.7	
77 Dichlorobromomethane	83	4.737	4.720	0.017	98	3012645	500.0	450.8	
78 2-Nitropropane	41	5.010	4.987	0.023	96	1031295	1000.0	943.0	
79 2-Chloroethyl vinyl ether	63	5.113	5.096	0.017	94	557076	501.2	502.4	
80 Epichlorohydrin	57	5.184	5.145	0.039	98	3948003	10000	10133	
81 cis-1,3-Dichloropropene	75	5.255	5.232	0.023	90	3782787	500.0	433.3	
82 4-Methyl-2-pentanone (MIBK	43	5.494	5.455	0.039	91	8232352	2500.0	2086.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.554	5.542	0.012	100	726320	50.0	48.5	
84 Toluene	91	5.641	5.619	0.022	96	8298717	500.0	385.2	
85 trans-1,3-Dichloropropene	75	5.946	5.929	0.017	96	3606635	500.0	458.7	
86 Ethyl methacrylate	69	6.131	6.108	0.023	89	2914477	500.0	466.6	a
87 1,1,2-Trichloroethane	83	6.169	6.147	0.022	95	1932256	500.0	466.8	
88 Tetrachloroethene	166	6.311	6.299	0.012	93	2410729	500.0	439.9	
89 1,3-Dichloropropane	76	6.376	6.353	0.023	93	3484604	500.0	439.3	
90 2-Hexanone	43	6.572	6.539	0.033	90	6238200	2500.0	2182.5	
91 Chlorodibromomethane	129	6.664	6.642	0.022	97	2660183	500.0	475.4	
92 n-Butyl acetate	43	6.773	6.756	0.017	96	3155751	500.0	467.1	
93 Ethylene Dibromide	107	6.784	6.762	0.022	99	2345478	500.0	462.5	
* 94 Chlorobenzene-d5	117	7.443	7.431	0.012	86	561479	50.0	50.0	
95 Chlorobenzene	112	7.492	7.469	0.023	91	6283551	500.0	418.7	
96 1,1,1,2-Tetrachloroethane	131	7.639	7.616	0.023	98	2529381	500.0	475.4	
97 Ethylbenzene	106	7.699	7.671	0.028	96	3644396	500.0	458.0	
98 m-Xylene & p-Xylene	106	7.878	7.856	0.022	0	4462548	500.0	451.5	
99 o-Xylene	106	8.461	8.433	0.028	95	4472747	500.0	463.3	
100 Styrene	104	8.493	8.466	0.027	93	7030220	500.0	433.3	
101 n-Butyl acrylate	73	8.553	8.531	0.022	98	1994177	500.0	500.1	
102 Bromoform	173	8.711	8.694	0.017	95	1829514	500.0	503.2	
103 Amyl acetate (mixed isomer	43	8.945	8.923	0.022	93	3615576	500.0	482.0	
104 Isopropylbenzene	105	9.059	9.037	0.022	97	9553892	500.0	412.5	
$ 105 4-Bromofluorobenzene	174	9.250	9.238	0.012	97	241101	50.0	49.4	
106 Bromobenzene	156	9.441	9.418	0.023	95	2978458	500.0	469.1	
107 1,1,2,2-Tetrachloroethane	83	9.582	9.554	0.028	97	2973904	500.0	477.2	
108 1,2,3-Trichloropropane	110	9.593	9.571	0.022	98	841125	500.0	499.4	
109 trans-1,4-Dichloro-2-buten	53	9.685	9.652	0.033	94	837686	500.0	548.1	
110 N-Propylbenzene	91	9.734	9.696	0.038	97	11616811	500.0	427.8	
111 2-Chlorotoluene	91	9.805	9.767	0.039	96	7326190	500.0	438.4	
112 4-Ethyltoluene	105	9.930	9.897	0.033	95	9960682	500.0	431.5	
113 4-Chlorotoluene	91	9.996	9.957	0.039	97	6453680	500.0	370.9	
114 1,3,5-Trimethylbenzene	105	10.045	10.011	0.034	94	8344534	500.0	437.3	
115 Butyl Methacrylate	87	10.333	10.300	0.033	87	3558026	500.0	505.1	
116 tert-Butylbenzene	119	10.546	10.518	0.028	91	6975306	500.0	447.6	
117 1,2,4-Trimethylbenzene	105	10.638	10.605	0.033	96	8538599	500.0	423.6	
118 sec-Butylbenzene	105	10.921	10.888	0.033	96	9643847	500.0	424.9	
119 1,3-Dichlorobenzene	146	11.019	10.986	0.033	92	5237661	500.0	432.9	
* 120 1,4-Dichlorobenzene-d4	152	11.123	11.106	0.017	96	312262	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.172	11.144	0.028	93	5294349	500.0	425.9	
122 4-Isopropyltoluene	119	11.193	11.165	0.028	95	8504398	500.0	427.2	
123 1,2,3-Trimethylbenzene	105	11.302	11.269	0.033	95	8615340	500.0	409.0	
124 Benzyl chloride	126	11.411	11.383	0.028	99	1320253	500.0	524.8	
125 2,3-Dihydroindene	117	11.542	11.514	0.028	94	8141752	500.0	391.9	
126 1,2-Dichlorobenzene	146	11.678	11.655	0.023	95	5023074	500.0	417.7	
127 p-Diethylbenzene	119	11.738	11.715	0.023	91	5029648	500.0	440.1	a
128 n-Butylbenzene	92	11.765	11.742	0.023	96	4604499	500.0	432.1	
129 1,2-Dibromo-3-Chloropropan	75	12.587	12.581	0.006	95	546077	500.0	442.3	
130 1,2,4,5-Tetramethylbenzene	119	12.620	12.608	0.012	96	7380573	500.0	379.7	
131 1,3,5-Trichlorobenzene	180	12.815	12.799	0.017	96	3431295	500.0	400.5	
132 1,2,4-Trichlorobenzene	180	13.382	13.376	0.006	95	3205663	500.0	400.7	
133 Hexachlorobutadiene	225	13.561	13.550	0.011	94	1164155	500.0	427.3	
134 Naphthalene	128	13.583	13.571	0.012	95	6933648	500.0	349.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.790	13.778	0.012	96	3018849	500.0	409.4	
S 137 1,2-Dichloroethene, Total	100				0		1000.0	962.5	
S 138 Xylenes, Total	100				0		1000.0	914.8	
S 139 Total BTEX	1				0		2500.0	2149.8	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GAS Hi_00316	Amount Added:	50.00	Units: uL	
MIX I Hi_00110	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00085	Amount Added:	50.00	Units: uL	
Ethanol mix_00031	Amount Added:	50.00	Units: uL	
8FreonHi_00006	Amount Added:	50.00	Units: uL	
ACROLEIN W_00093	Amount Added:	40.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00199	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Jul-2019 11:30:37 Chrom Revision: 2.3 15-Jul-2019 06:58:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Injection Date: 30-Jul-2019 15:18:30 Instrument ID: CVOAMS16 Operator ID:

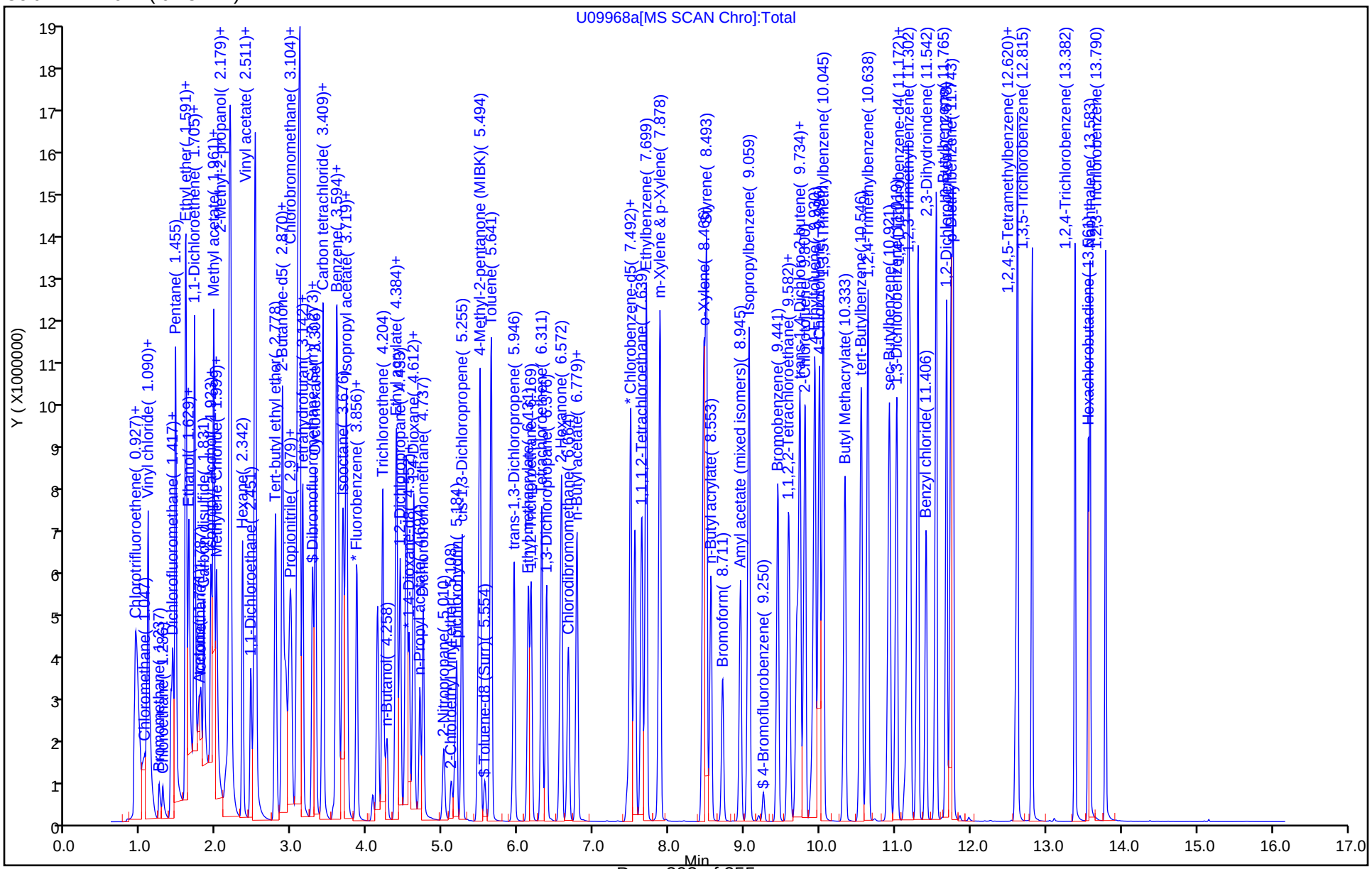
Lims ID: STD500 Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 26

Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

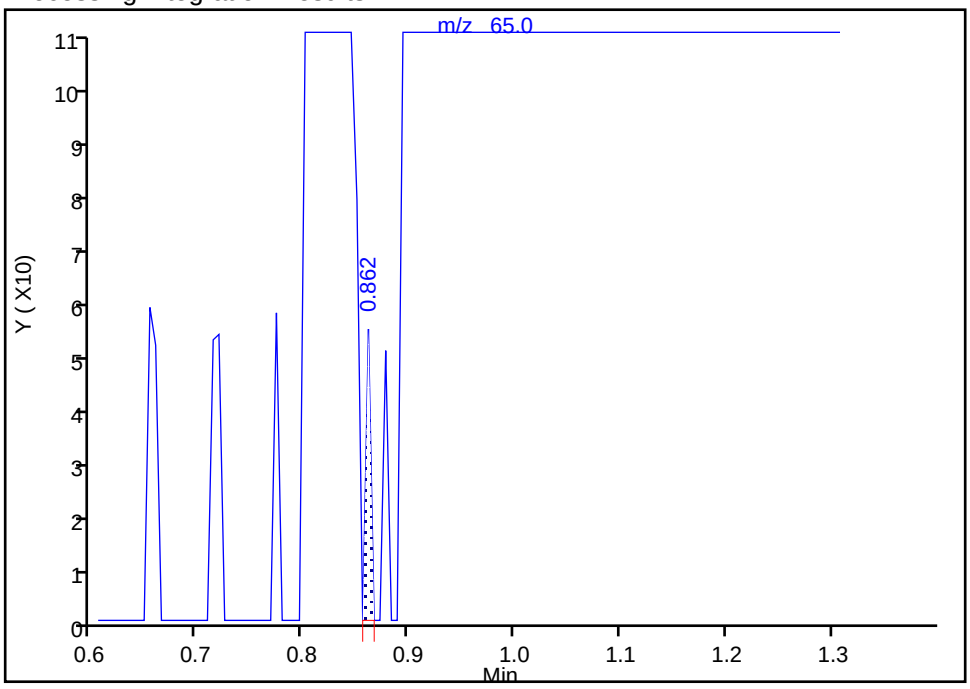
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D
Injection Date: 30-Jul-2019 15:18:30 Instrument ID: CVOAMS16
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

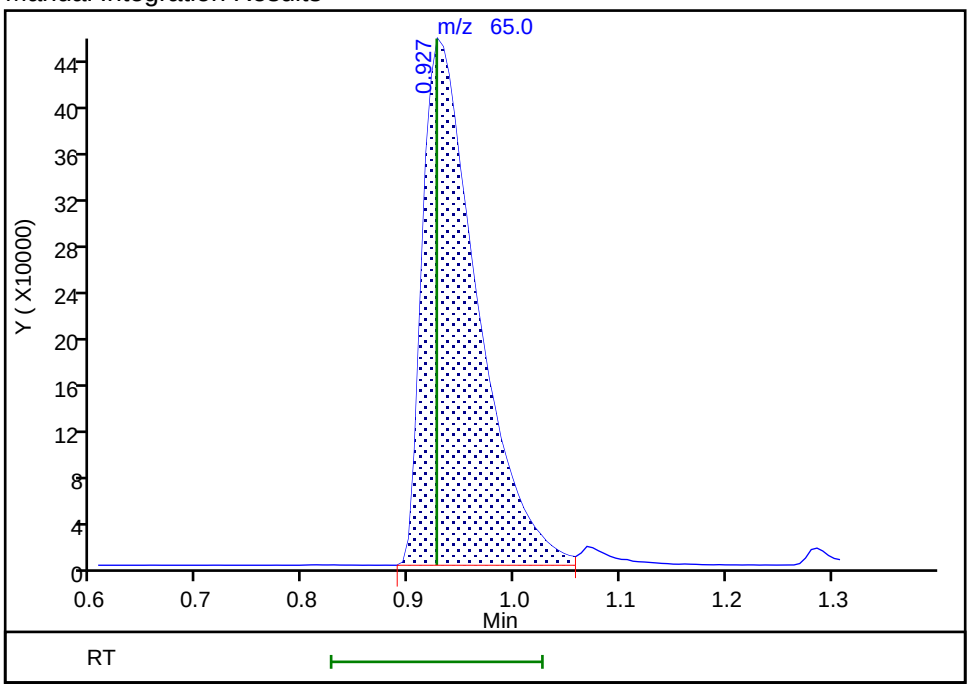
Processing Integration Results

RT: 0.86
Area: 18
Amount: 0.006516
Amount Units: ug/l



Manual Integration Results

RT: 0.93
Area: 1637428
Amount: 494.9697
Amount Units: ug/l



Reviewer: kluseys, 31-Jul-2019 10:30:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

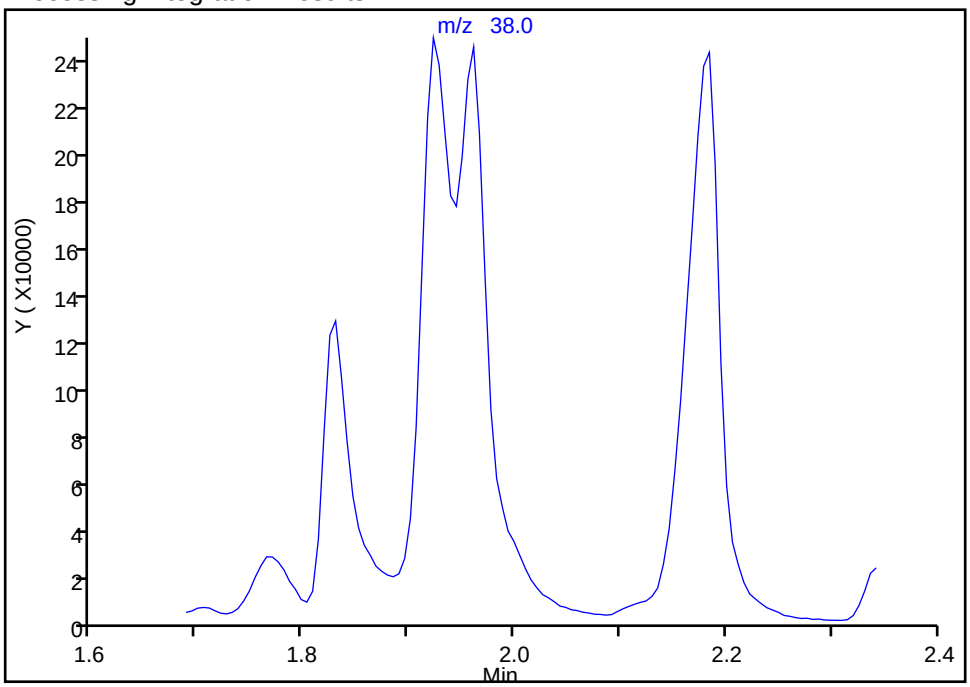
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D
Injection Date: 30-Jul-2019 15:18:30 Instrument ID: CVOAMS16
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Signal: 1

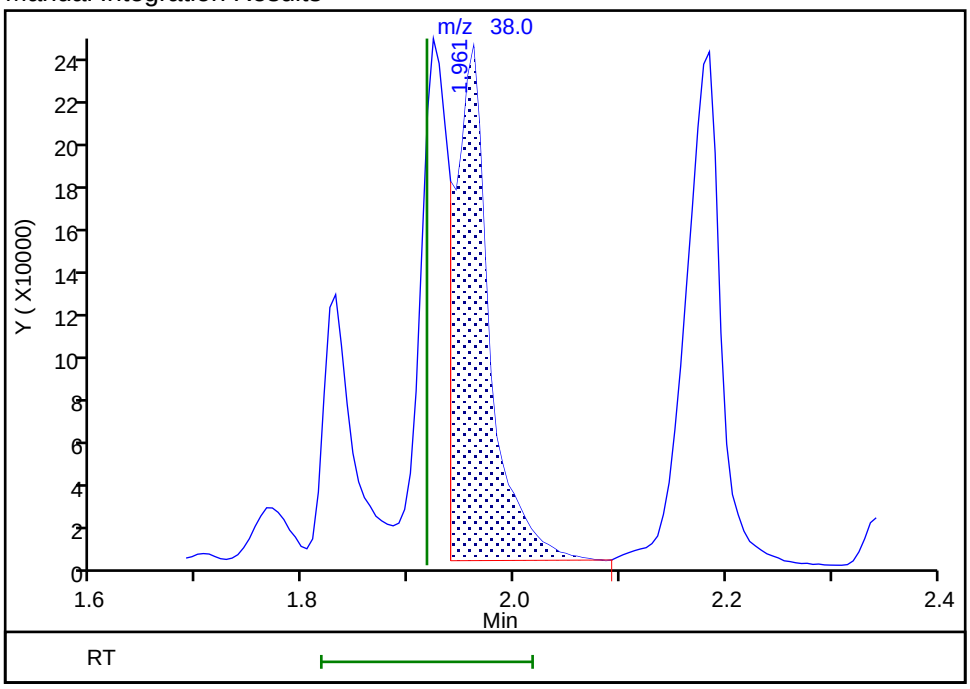
Not Detected
Expected RT: 1.92

Processing Integration Results



Manual Integration Results

RT: 1.96
Area: 547318
Amount: 3289.6723
Amount Units: ug/l



Reviewer: kluseys, 31-Jul-2019 10:25:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

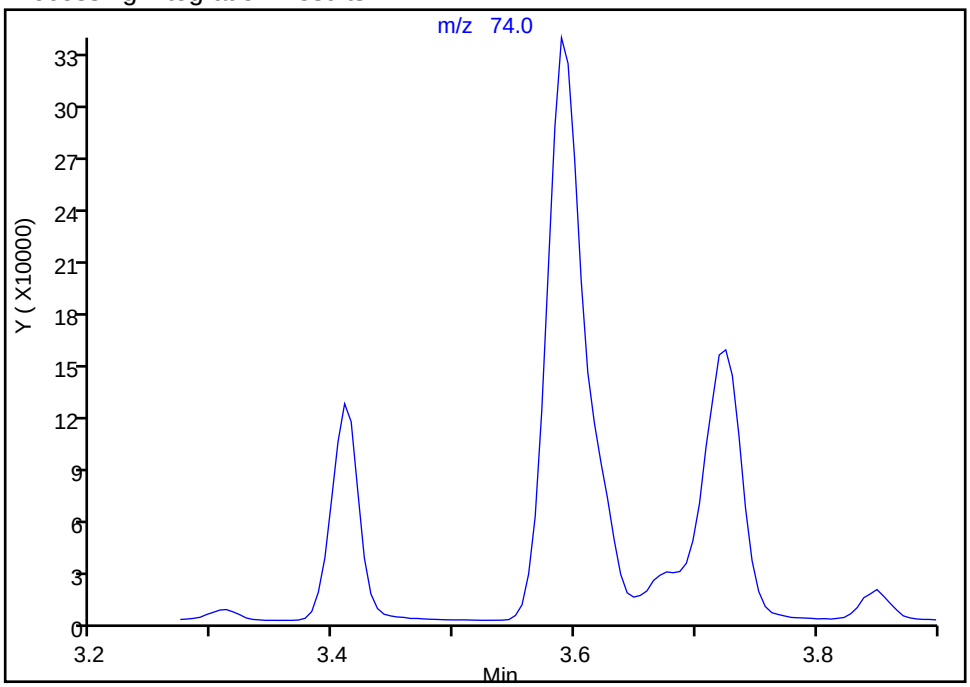
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D
Injection Date: 30-Jul-2019 15:18:30 Instrument ID: CVOAMS16
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

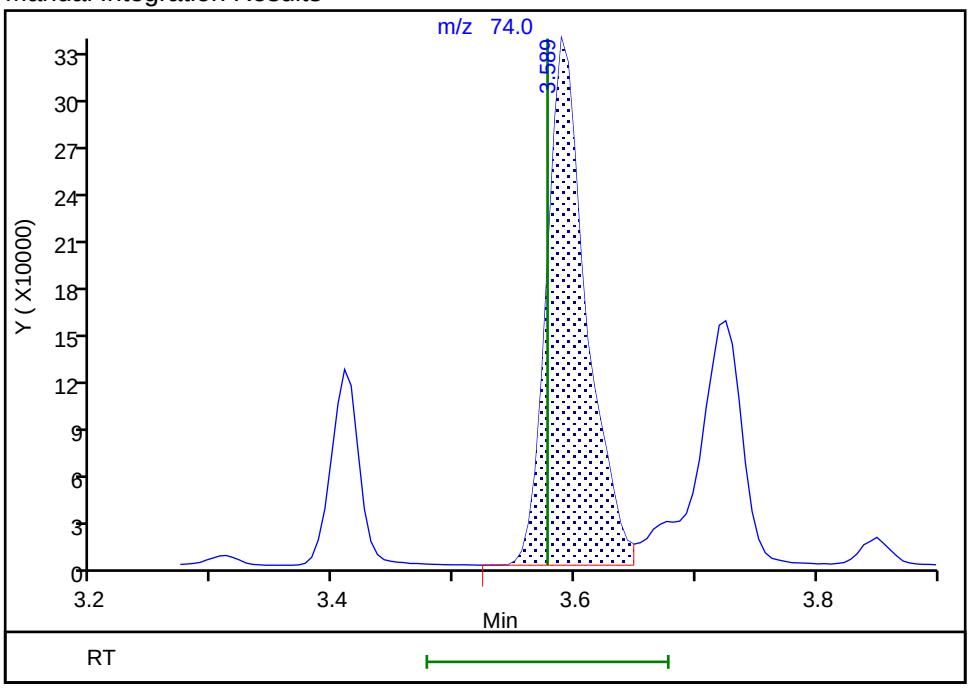
Not Detected
Expected RT: 3.58

Processing Integration Results



Manual Integration Results

RT: 3.59
Area: 771411
Amount: 11557
Amount Units: ug/l



Reviewer: kluseys, 31-Jul-2019 10:25:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

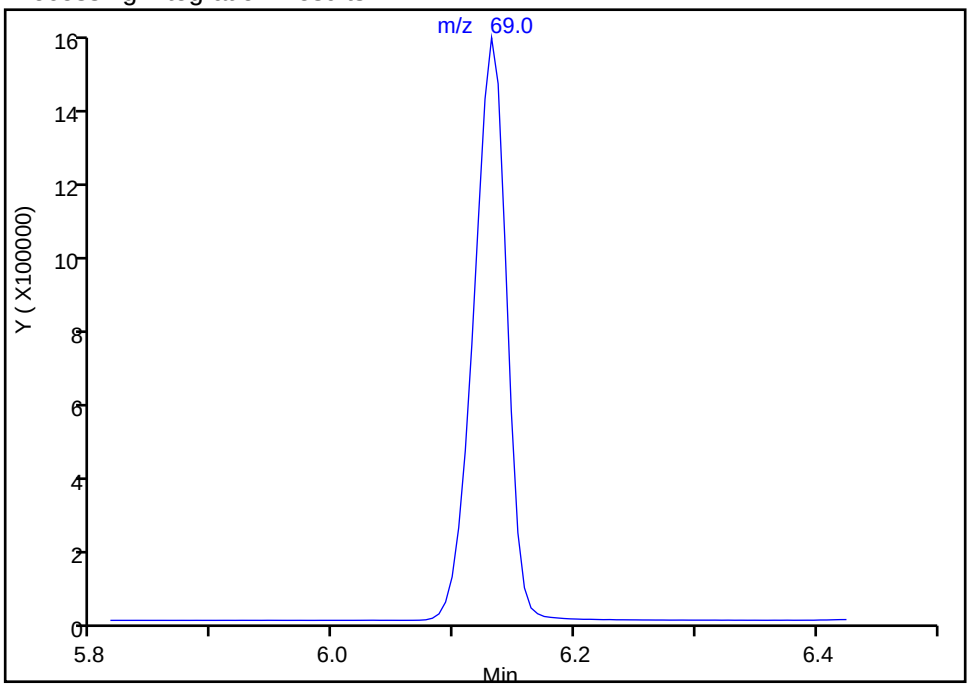
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D
Injection Date: 30-Jul-2019 15:18:30 Instrument ID: CVOAMS16
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

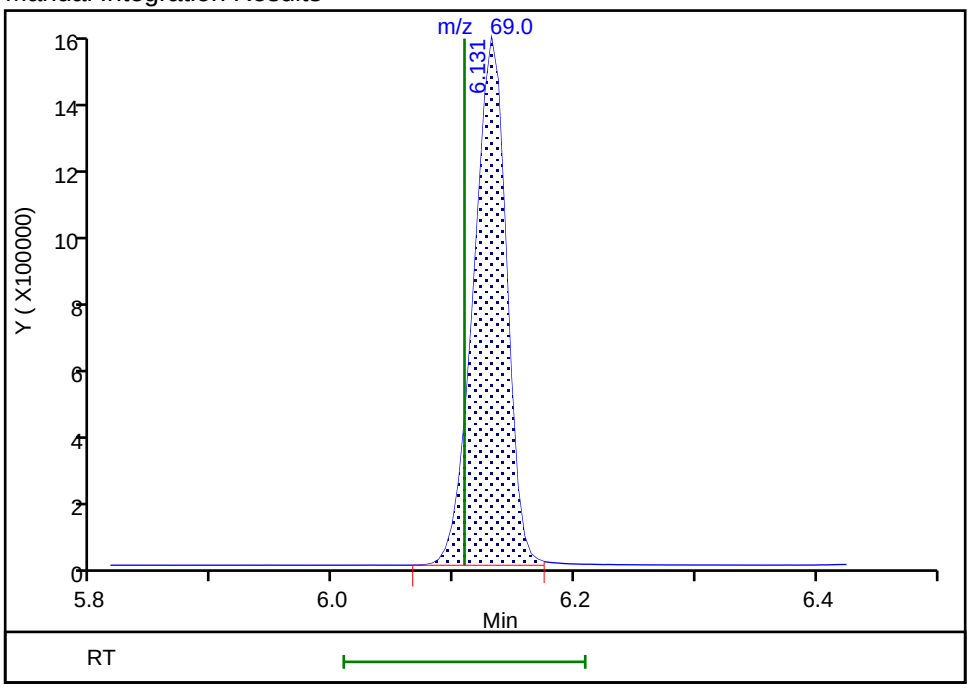
Not Detected
Expected RT: 6.11

Processing Integration Results



Manual Integration Results

RT: 6.13
Area: 2914477
Amount: 466.6081
Amount Units: ug/l



Reviewer: kluseys, 31-Jul-2019 10:25:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

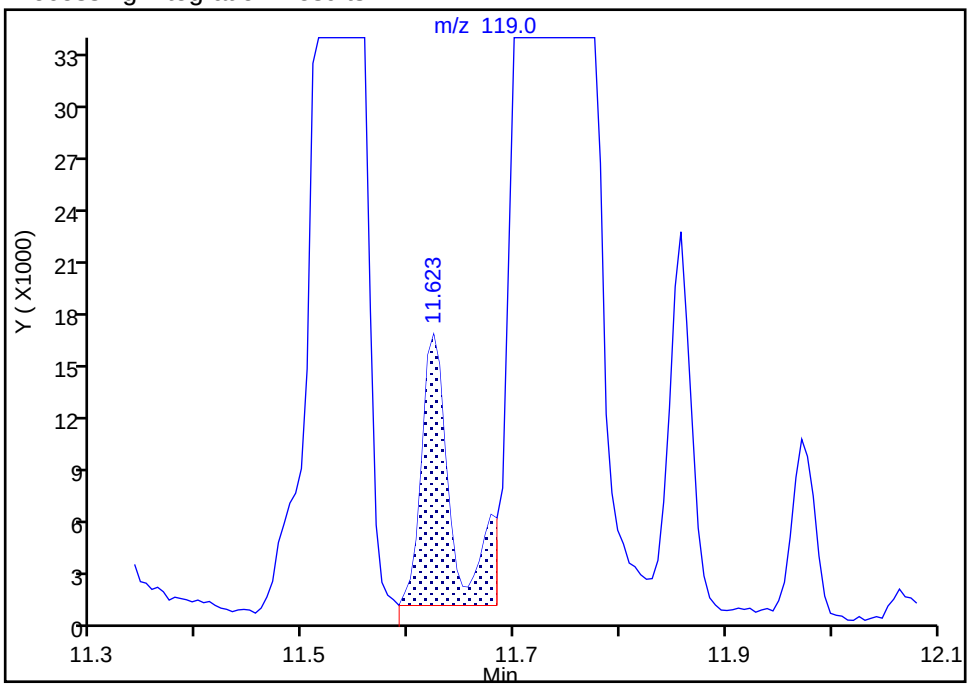
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D
Injection Date: 30-Jul-2019 15:18:30 Instrument ID: CVOAMS16
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

127 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

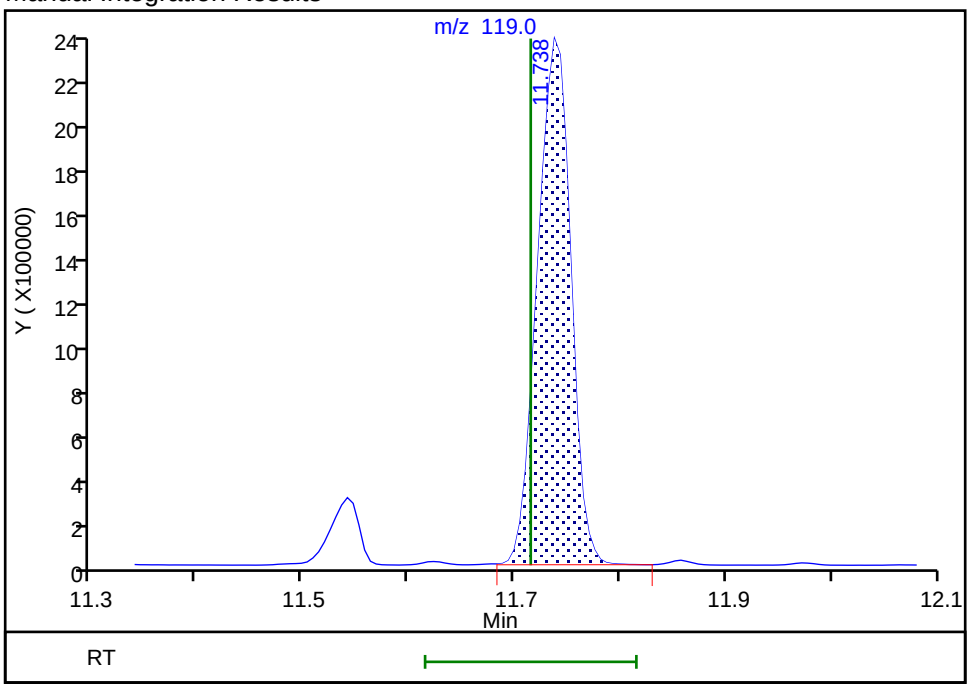
Processing Integration Results

RT: 11.62
Area: 30721
Amount: 3.147192
Amount Units: ug/l



Manual Integration Results

RT: 11.74
Area: 5029648
Amount: 440.1275
Amount Units: ug/l



Reviewer: kluseys, 31-Jul-2019 10:30:39
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.: 460-190672-1

SDG No.:

Lab Sample ID: CCVIS 460-638407/3 Calibration Date: 09/11/2019 07:30

Instrument ID: CVOAMS16 Calib Start Date: 07/30/2019 12:49

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/30/2019 15:18

Lab File ID: U11660.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.9744		11.1	20.0	-44.6*	20.0
Dichlorodifluoromethane	Ave	0.6330	0.6698	0.1000	21.2	20.0	5.8	20.0
1,1-Difluoroethane	Ave	0.2547	0.2742		21.5	20.0	7.7	20.0
Chlorodifluoromethane	Ave	0.0921	0.0972		21.1	20.0	5.5	20.0
Chloromethane	Ave	0.3720	0.4307	0.1000	23.2	20.0	15.8	20.0
Vinyl chloride	Ave	0.5073	0.5974	0.1000	23.6	20.0	17.8	20.0
Butadiene	Ave	0.4395	0.5113		23.3	20.0	16.3	20.0
Bromomethane	Ave	1.129	1.021	0.1000	18.1	20.0	-9.6	50.0
Chloroethane	Lin		0.3114	0.1000	27.8	20.0	38.9	50.0
Dichlorofluoromethane	Ave	0.7297	0.8147		22.3	20.0	11.6	20.0
Trichlorofluoromethane	Ave	0.6060	0.6312	0.1000	20.8	20.0	4.2	20.0
Pentane	Ave	0.0611	0.0452		29.6	40.0	-26.1*	20.0
Ethanol	Ave	0.1088	0.1187		873	800	9.1	50.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3315	0.3366		20.3	20.0	1.5	20.0
Ethyl ether	Ave	0.2811	0.3035		21.6	20.0	8.0	20.0
2-Methyl-1,3-butadiene	Ave	0.2907	0.2872		19.8	20.0	-1.2	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5631	0.5301		18.8	20.0	-5.9	20.0
Acrolein	QuaF		3.120		59.1	40.1	47.5	50.0
1,1-Dichloroethene	Ave	0.3574	0.2955	0.1000	16.5	20.0	-17.3	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3675	0.3241	0.1000	17.6	20.0	-11.8	20.0
Acetone	Ave	0.3927	0.3519	0.0500	89.6	100	-10.4	50.0
Iodomethane	QuaF		0.0749		10.2	20.0	-49.2*	20.0
Carbon disulfide	Lin2		1.007	0.1000	17.5	20.0	-12.7	50.0
Isopropyl alcohol	Ave	0.9557	1.186		248	200	24.1	50.0
Acetonitrile	Ave	0.4801	0.5235		218	200	9.0	20.0
Allyl chloride	Ave	0.2872	0.2175		15.2	20.0	-24.2*	20.0
Methyl acetate	Ave	2.927	2.487	0.1000	34.0	40.0	-15.0	20.0
Cyclopentene	Ave	0.8723	0.7797		17.9	20.0	-10.6	20.0
Methylene Chloride	Ave	0.4433	0.4167	0.1000	18.8	20.0	-6.0	20.0
2-Methyl-2-propanol	Ave	1.526	1.599		209	200	4.7	50.0
Acrylonitrile	Ave	0.1284	0.1559		243	200	21.4*	20.0
trans-1,2-Dichloroethene	Ave	0.4026	0.3649	0.1000	18.1	20.0	-9.4	20.0
Methyl tert-butyl ether	Ave	0.9818	1.051	0.1000	21.4	20.0	7.0	20.0
Hexane	Ave	0.4335	0.4214		19.4	20.0	-2.8	20.0
1,1-Dichloroethane	Ave	0.6453	0.6691	0.2000	20.7	20.0	3.7	20.0
Vinyl acetate	Ave	0.6585	0.5812		35.3	40.0	-11.7	20.0
2-Chloro-1,3-butadiene	Ave	0.3760	0.3576		19.0	20.0	-4.9	20.0
Isopropyl ether	Ave	1.104	1.355		24.5	20.0	22.7*	20.0
Tert-butyl ethyl ether	Ave	0.9805	1.112		22.7	20.0	13.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Lab Sample ID: CCVIS 460-638407/3 Calibration Date: 09/11/2019 07:30

Instrument ID: CVOAMS16 Calib Start Date: 07/30/2019 12:49

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/30/2019 15:18

Lab File ID: U11660.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
2,2-Dichloropropane	Ave	0.1260	0.1234		19.6	20.0	-2.0	20.0
cis-1,2-Dichloroethene	Ave	0.4344	0.4289	0.1000	19.7	20.0	-1.3	20.0
2-Butanone (MEK)	Ave	0.4489	0.3945	0.0500	87.9	100	-12.1	50.0
Propionitrile	Ave	0.4405	0.4921		223	200	11.7	20.0
Ethyl acetate	Ave	0.4172	0.3462		33.2	40.0	-17.0	20.0
Methyl acrylate	Ave	0.3962	0.4720		23.8	20.0	19.1	20.0
Chlorobromomethane	Ave	0.2200	0.2167		19.7	20.0	-1.5	20.0
Methacrylonitrile	Ave	0.1508	0.1755		233	200	16.3	20.0
Tetrahydrofuran	Ave	1.087	1.066		39.2	40.0	-2.0	20.0
Chloroform	Ave	0.6553	0.6989	0.2000	21.3	20.0	6.7	20.0
1,1,1-Trichloroethane	Ave	0.5528	0.5697	0.1000	20.6	20.0	3.1	20.0
Cyclohexane	Ave	0.5087	0.5015	0.1000	19.7	20.0	-1.4	50.0
Carbon tetrachloride	Ave	0.4762	0.4985	0.1000	20.9	20.0	4.7	20.0
1,1-Dichloropropene	Ave	0.5259	0.5257		20.0	20.0	-0.0	20.0
Isobutyl alcohol	Ave	0.1926	0.1854		481	500	-3.8	50.0
Benzene	Ave	1.813	2.024	0.5000	22.3	20.0	11.7	20.0
1,2-Dichloroethane	Ave	0.4909	0.5287	0.1000	21.5	20.0	7.7	20.0
2,2,4-Trimethylpentane	Ave	0.8444	0.9114		21.6	20.0	7.9	20.0
Isopropyl acetate	Ave	0.1429	0.1607		22.5	20.0	12.5	20.0
Tert-amyl methyl ether	Ave	0.3156	0.3270		20.7	20.0	3.6	20.0
n-Heptane	Ave	0.3525	0.3894		22.1	20.0	10.5	20.0
Trichloroethene	Ave	0.4089	0.3969	0.2000	19.4	20.0	-2.9	20.0
n-Butanol	Ave	0.4023	0.4588		570	500	14.0	50.0
Ethyl acrylate	Ave	0.0576	0.0579		20.1	20.0	0.6	20.0
Methylcyclohexane	Ave	0.5639	0.5641	0.1000	20.0	20.0	0.0	50.0
1,2-Dichloropropane	Ave	0.3887	0.4222	0.1000	21.7	20.0	8.6	20.0
Dibromomethane	Ave	0.2542	0.2558		20.1	20.0	0.6	20.0
1,4-Dioxane	Ave	1.457	1.619		444	400	11.1	50.0
Methyl methacrylate	Ave	0.1031	0.1088		42.2	40.0	5.5	20.0
n-Propyl acetate	Ave	0.4473	0.5833		26.1	20.0	30.4*	20.0
Dichlorobromomethane	Ave	0.5145	0.5495	0.2000	21.4	20.0	6.8	20.0
2-Nitropropane	Ave	0.0842	0.1023		48.6	40.0	21.5*	20.0
2-Chloroethyl vinyl ether	Qua2		0.0200		17.5	20.0	-12.9	20.0
Epichlorohydrin	Ave	0.2918	0.2931		402	400	0.5	20.0
cis-1,3-Dichloropropene	Ave	0.7774	0.8471	0.2000	21.8	20.0	9.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.955	3.172	0.0500	107	100	7.3	50.0
Toluene	Ave	1.919	2.143	0.4000	22.3	20.0	11.7	20.0
trans-1,3-Dichloropropene	Ave	0.7003	0.7456	0.1000	21.3	20.0	6.5	50.0
Ethyl methacrylate	Ave	0.5562	0.6275		22.6	20.0	12.8	20.0
1,1,2-Trichloroethane	Ave	0.3686	0.4061	0.1000	22.0	20.0	10.2	20.0
Tetrachloroethene	Ave	0.4880	0.5500	0.2000	22.5	20.0	12.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Lab Sample ID: CCVIS 460-638407/3 Calibration Date: 09/11/2019 07:30

Instrument ID: CVOAMS16 Calib Start Date: 07/30/2019 12:49

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/30/2019 15:18

Lab File ID: U11660.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.7064	0.7725		21.9	20.0	9.4	20.0
2-Hexanone	Ave	2.141	2.232	0.0500	104	100	4.3	50.0
Chlorodibromomethane	Ave	0.4983	0.5447	0.1000	21.9	20.0	9.3	50.0
n-Butyl acetate	Ave	0.6017	0.8009		26.6	20.0	33.1*	20.0
Ethylene Dibromide	Ave	0.4516	0.4972	0.1000	22.0	20.0	10.1	20.0
Chlorobenzene	Ave	1.336	1.384	0.5000	20.7	20.0	3.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4738	0.5110		21.6	20.0	7.9	20.0
Ethylbenzene	Ave	0.7086	0.7385	0.1000	20.8	20.0	4.2	20.0
m-Xylene & p-Xylene	Ave	0.8801	0.9455	0.1000	21.5	20.0	7.4	20.0
o-Xylene	Ave	0.8598	0.8950	0.3000	20.8	20.0	4.1	20.0
Styrene	Ave	1.445	1.552	0.3000	21.5	20.0	7.4	20.0
n-Butyl acrylate	Ave	0.3551	0.3952		22.3	20.0	11.3	20.0
Bromoform	Ave	0.3238	0.3867	0.1000	23.9	20.0	19.4	20.0
Amyl acetate (mixed isomers)	Ave	1.201	1.520		25.3	20.0	26.6*	20.0
Isopropylbenzene	Ave	2.062	2.257	0.1000	21.9	20.0	9.5	20.0
Bromobenzene	Ave	1.017	1.082		21.3	20.0	6.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.998	1.103	0.3000	22.1	20.0	10.6	20.0
1,2,3-Trichloropropane	Ave	0.2697	0.2918		21.6	20.0	8.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2447	0.2936		24.0	20.0	20.0	20.0
N-Propylbenzene	Ave	4.348	4.624		21.3	20.0	6.4	20.0
2-Chlorotoluene	Ave	2.676	2.799		20.9	20.0	4.6	20.0
4-Ethyltoluene	Ave	3.696	3.876		21.0	20.0	4.9	20.0
4-Chlorotoluene	Ave	2.786	2.960		21.2	20.0	6.2	20.0
1,3,5-Trimethylbenzene	Ave	3.055	3.188		20.9	20.0	4.3	20.0
Butyl Methacrylate	Ave	1.128	1.166		20.7	20.0	3.4	20.0
tert-Butylbenzene	Ave	2.495	2.600		20.8	20.0	4.2	20.0
1,2,4-Trimethylbenzene	Ave	3.228	3.380		20.9	20.0	4.7	20.0
sec-Butylbenzene	Ave	3.634	3.836		21.1	20.0	5.6	20.0
1,3-Dichlorobenzene	Ave	1.937	2.053	0.6000	21.2	20.0	6.0	20.0
1,4-Dichlorobenzene	Ave	1.991	2.116	0.5000	21.3	20.0	6.3	20.0
4-Isopropyltoluene	Ave	3.188	3.330		20.9	20.0	4.4	20.0
1,2,3-Trimethylbenzene	Ave	3.373	3.517		20.9	20.0	4.3	20.0
Benzyl chloride	Ave	0.4028	0.3976		19.7	20.0	-1.3	50.0
Indan	Ave	3.327	3.497		21.0	20.0	5.1	20.0
1,2-Dichlorobenzene	Ave	1.926	2.083	0.4000	21.6	20.0	8.2	20.0
p-Diethylbenzene	Ave	1.830	1.858		20.3	20.0	1.5	20.0
n-Butylbenzene	Ave	1.706	1.796		21.1	20.0	5.3	20.0
1,2-Dibromo-3-Chloropropane	Lin2		0.2188	0.0500	21.5	20.0	7.4	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.113	3.208		20.6	20.0	3.1	20.0
1,3,5-Trichlorobenzene	Ave	1.372	1.498		21.8	20.0	9.2	20.0
1,2,4-Trichlorobenzene	Ave	1.281	1.388	0.2000	21.7	20.0	8.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Lab Sample ID: CCVIS 460-638407/3 Calibration Date: 09/11/2019 07:30

Instrument ID: CVOAMS16 Calib Start Date: 07/30/2019 12:49

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/30/2019 15:18

Lab File ID: U11660.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.4362	0.5225		24.0	20.0	19.8	20.0
Naphthalene	Ave	3.179	3.445		21.7	20.0	8.4	50.0
1,2,3-Trichlorobenzene	Ave	1.181	1.309		22.2	20.0	10.8	20.0
Monochloropentafluoroethane	Ave	0.0033	0.0041		1.00	20.0	24.5*	20.0
Dibromofluoromethane (Surr)	Ave	0.2938	0.3096		52.7	50.0	5.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3036	0.3413		56.2	50.0	12.4	20.0
Toluene-d8 (Surr)	Ave	1.333	1.449		54.4	50.0	8.7	20.0
4-Bromofluorobenzene	Ave	0.4345	0.5063		58.3	50.0	16.5	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11660.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Sep-2019 07:30:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0097383-003
Operator ID: Instrument ID: CVOAMS16
Sublist: chrom-8260W_16*sub6

Method: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Sep-2019 14:05:38 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0319

First Level Reviewer: moroneyc Date: 11-Sep-2019 07:55:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.909	0.909	0.000	84	35086	20.0	11.1	a
3 Dichlorodifluoromethane	85	0.926	0.926	0.000	99	199595	20.0	21.2	
4 1,1-Difluoroethane	65	0.931	0.931	0.000	94	81715	20.0	21.5	a
5 Chlorodifluoromethane	67	0.958	0.958	0.000	96	28948	20.0	21.1	
6 Chloromethane	50	1.051	1.051	0.000	99	128342	20.0	23.2	
7 Vinyl chloride	62	1.073	1.073	0.000	98	178024	20.0	23.6	
8 Butadiene	54	1.089	1.089	0.000	98	152356	20.0	23.3	
9 Bromomethane	94	1.241	1.241	0.000	100	36767	20.0	18.1	
10 Chloroethane	64	1.296	1.296	0.000	100	92799	20.0	27.8	
11 Dichlorofluoromethane	67	1.399	1.399	0.000	98	242766	20.0	22.3	
12 Trichlorofluoromethane	101	1.426	1.426	0.000	100	188073	20.0	20.8	
13 Pentane	72	1.465	1.465	0.000	96	26916	40.0	29.6	
14 Ethanol	46	1.563	1.563	0.000	99	35771	800.0	873.1	
15 Ethyl ether	59	1.590	1.590	0.000	93	90437	20.0	21.6	
16 1,2-Dichloro-1,1,2-trifluo	117	1.590	1.590	0.000	94	100297	20.0	20.3	
17 2-Methyl-1,3-butadiene	53	1.595	1.595	0.000	84	85572	20.0	19.8	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.622	1.622	0.000	94	157966	20.0	18.8	
19 Acrolein	56	1.660	1.660	0.000	79	47060	40.1	59.1	a
20 1,1-Dichloroethene	96	1.704	1.704	0.000	97	88055	20.0	16.5	
21 1,1,2-Trichloro-1,2,2-trif	101	1.709	1.709	0.000	97	96580	20.0	17.6	
22 Acetone	58	1.753	1.753	0.000	87	63359	100.0	89.6	
23 Iodomethane	127	1.797	1.797	0.000	98	22330	20.0	10.2	
24 Carbon disulfide	76	1.829	1.829	0.000	99	300169	20.0	17.5	
25 Isopropyl alcohol	45	1.851	1.851	0.000	98	89337	200.0	248.2	
27 3-Chloro-1-propene	76	1.916	1.916	0.000	92	64823	20.0	15.2	
26 Acetonitrile	38	1.916	1.916	0.000	83	39433	200.0	218.1	
28 Methyl acetate	74	1.944	1.944	0.000	100	37459	40.0	34.0	
29 Cyclopentene	67	1.965	1.965	0.000	95	232325	20.0	17.9	
30 Methylene Chloride	84	1.998	1.998	0.000	94	124165	20.0	18.8	
* 31 TBA-d9 (IS)	65	2.042	2.042	0.000	98	376603	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.096	2.096	0.000	99	120403	200.0	209.5	
33 Acrylonitrile	53	2.156	2.156	0.000	95	464583	200.0	242.8	
34 trans-1,2-Dichloroethene	96	2.161	2.161	0.000	95	108737	20.0	18.1	
35 Methyl tert-butyl ether	73	2.178	2.178	0.000	98	313036	20.0	21.4	
36 Hexane	57	2.346	2.346	0.000	94	125584	20.0	19.4	
37 1,1-Dichloroethane	63	2.444	2.444	0.000	100	199369	20.0	20.7	
38 Vinyl acetate	86	2.488	2.488	0.000	100	41857	40.0	35.3	
39 Isopropyl ether	45	2.504	2.504	0.000	86	403743	20.0	24.5	
40 2-Chloro-1,3-butadiene	88	2.504	2.504	0.000	91	106563	20.0	19.0	
41 Tert-butyl ethyl ether	59	2.771	2.771	0.000	89	331221	20.0	22.7	
* 42 2-Butanone-d5	46	2.847	2.847	0.000	0	450112	250.0	250.0	
43 2,2-Dichloropropane	97	2.863	2.863	0.000	95	36776	20.0	19.6	
44 cis-1,2-Dichloroethene	96	2.863	2.863	0.000	95	127807	20.0	19.7	
45 2-Butanone (MEK)	72	2.891	2.891	0.000	100	71033	100.0	87.9	
46 Propionitrile	52	2.934	2.934	0.000	94	37064	200.0	223.4	
47 Ethyl acetate	70	2.945	2.945	0.000	100	24935	40.0	33.2	
48 Methyl acrylate	55	2.967	2.967	0.000	100	140646	20.0	23.8	
49 Chlorobromomethane	128	3.049	3.049	0.000	97	64569	20.0	19.7	
50 Methacrylonitrile	67	3.054	3.054	0.000	92	522845	200.0	232.7	
51 Tetrahydrofuran	42	3.098	3.098	0.000	83	76749	40.0	39.2	
52 Chloroform	83	3.119	3.119	0.000	99	208274	20.0	21.3	
$ 53 Dibromofluoromethane (Surr	113	3.250	3.250	0.000	97	230631	50.0	52.7	
54 1,1,1-Trichloroethane	97	3.261	3.261	0.000	98	169770	20.0	20.6	
55 Cyclohexane	84	3.304	3.304	0.000	93	149438	20.0	19.7	
56 Carbon tetrachloride	117	3.397	3.397	0.000	96	148544	20.0	20.9	
57 1,1-Dichloropropene	75	3.402	3.402	0.000	97	156647	20.0	20.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.533	3.533	0.000	0	254270	50.0	56.2	
59 Isobutyl alcohol	74	3.577	3.577	0.000	97	34907	500.0	481.2	a
60 Benzene	78	3.582	3.582	0.000	95	476166	20.0	22.3	
61 1,2-Dichloroethane	62	3.598	3.598	0.000	97	157535	20.0	21.5	
62 Isooctane	57	3.664	3.664	0.000	99	271584	20.0	21.6	
63 Isopropyl acetate	61	3.691	3.691	0.000	97	47898	20.0	22.5	
64 Tert-amyl methyl ether	87	3.702	3.702	0.000	92	97454	20.0	20.7	
* 65 Fluorobenzene	96	3.838	3.838	0.000	97	744964	50.0	50.0	
66 n-Heptane	43	3.849	3.849	0.000	94	116029	20.0	22.1	
67 Trichloroethene	95	4.192	4.192	0.000	99	118260	20.0	19.4	
68 n-Butanol	56	4.203	4.203	0.000	91	86396	500.0	570.2	
69 Ethyl acrylate	99	4.355	4.355	0.000	98	17264	20.0	20.1	a
70 Methylcyclohexane	83	4.377	4.377	0.000	95	168095	20.0	20.0	a
71 1,2-Dichloropropane	63	4.420	4.420	0.000	92	125799	20.0	21.7	
72 Dibromomethane	93	4.535	4.535	0.000	96	76222	20.0	20.1	
* 73 1,4-Dioxane-d8	96	4.540	4.540	0.000	0	50152	1000.0	1000.0	
74 1,4-Dioxane	88	4.589	4.589	0.000	31	32472	400.0	444.4	
75 Methyl methacrylate	100	4.595	4.595	0.000	92	64816	40.0	42.2	
76 n-Propyl acetate	43	4.676	4.676	0.000	99	173823	20.0	26.1	
77 Dichlorobromomethane	83	4.720	4.720	0.000	99	163735	20.0	21.4	
78 2-Nitropropane	41	4.986	4.986	0.000	98	60967	40.0	48.6	
79 2-Chloroethyl vinyl ether	63	5.095	5.095	0.000	96	5969	20.0	17.5	
80 Epichlorohydrin	57	5.144	5.144	0.000	100	211113	400.0	401.8	
81 cis-1,3-Dichloropropene	75	5.231	5.231	0.000	93	199271	20.0	21.8	
82 4-Methyl-2-pentanone (MIBK	43	5.455	5.455	0.000	97	571115	100.0	107.3	
$ 83 Toluene-d8 (Surr)	98	5.536	5.536	0.000	100	852408	50.0	54.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	5.618	5.618	0.000	94	504183	20.0	22.3	
85 trans-1,3-Dichloropropene	75	5.928	5.928	0.000	98	175400	20.0	21.3	
86 Ethyl methacrylate	69	6.102	6.102	0.000	90	147626	20.0	22.6	
87 1,1,2-Trichloroethane	83	6.146	6.146	0.000	94	95539	20.0	22.0	
88 Tetrachloroethene	166	6.293	6.293	0.000	98	129393	20.0	22.5	
89 1,3-Dichloropropane	76	6.353	6.353	0.000	95	181733	20.0	21.9	
90 2-Hexanone	43	6.532	6.532	0.000	97	401877	100.0	104.3	
91 Chlorodibromomethane	129	6.641	6.641	0.000	98	128143	20.0	21.9	
92 n-Butyl acetate	43	6.756	6.756	0.000	99	188412	20.0	26.6	
93 Ethylene Dibromide	107	6.761	6.761	0.000	99	116977	20.0	22.0	
* 94 Chlorobenzene-d5	117	7.431	7.431	0.000	86	588130	50.0	50.0	
95 Chlorobenzene	112	7.469	7.469	0.000	95	325555	20.0	20.7	
96 1,1,1,2-Tetrachloroethane	131	7.610	7.610	0.000	95	120215	20.0	21.6	
97 Ethylbenzene	106	7.670	7.670	0.000	98	173744	20.0	20.8	
98 m-Xylene & p-Xylene	106	7.850	7.850	0.000	0	222425	20.0	21.5	
99 o-Xylene	106	8.432	8.432	0.000	93	210558	20.0	20.8	
100 Styrene	104	8.465	8.465	0.000	96	365175	20.0	21.5	
101 n-Butyl acrylate	73	8.530	8.530	0.000	97	92959	20.0	22.3	
102 Bromoform	173	8.688	8.688	0.000	97	90978	20.0	23.9	
103 Amyl acetate (mixed isomer	43	8.917	8.917	0.000	90	216681	20.0	25.3	
104 Isopropylbenzene	105	9.031	9.031	0.000	96	531044	20.0	21.9	
$ 105 4-Bromofluorobenzene	174	9.232	9.232	0.000	93	297791	50.0	58.3	
106 Bromobenzene	156	9.417	9.417	0.000	96	154252	20.0	21.3	
107 1,1,2,2-Tetrachloroethane	83	9.554	9.554	0.000	98	157262	20.0	22.1	
108 1,2,3-Trichloropropane	110	9.570	9.570	0.000	98	41580	20.0	21.6	
109 trans-1,4-Dichloro-2-buten	53	9.646	9.646	0.000	92	41848	20.0	24.0	
110 N-Propylbenzene	91	9.690	9.690	0.000	99	659032	20.0	21.3	
111 2-Chlorotoluene	91	9.766	9.766	0.000	97	398889	20.0	20.9	
112 4-Ethyltoluene	105	9.891	9.891	0.000	99	552441	20.0	21.0	
113 4-Chlorotoluene	91	9.951	9.951	0.000	97	421868	20.0	21.2	
114 1,3,5-Trimethylbenzene	105	10.005	10.005	0.000	93	454357	20.0	20.9	
115 Butyl Methacrylate	87	10.299	10.299	0.000	91	166233	20.0	20.7	
116 tert-Butylbenzene	119	10.517	10.517	0.000	94	370544	20.0	20.8	
117 1,2,4-Trimethylbenzene	105	10.599	10.599	0.000	98	481689	20.0	20.9	
118 sec-Butylbenzene	105	10.882	10.882	0.000	99	546663	20.0	21.1	
119 1,3-Dichlorobenzene	146	10.980	10.980	0.000	96	292590	20.0	21.2	
* 120 1,4-Dichlorobenzene-d4	152	11.105	11.105	0.000	95	356298	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.138	11.138	0.000	96	301574	20.0	21.3	
122 4-Isopropyltoluene	119	11.159	11.159	0.000	98	474543	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	11.263	11.263	0.000	99	501257	20.0	20.9	
124 Benzyl chloride	126	11.383	11.383	0.000	99	56668	20.0	19.7	
125 2,3-Dihydroindene	117	11.513	11.513	0.000	95	498403	20.0	21.0	
126 1,2-Dichlorobenzene	146	11.655	11.655	0.000	98	296937	20.0	21.6	
127 p-Diethylbenzene	119	11.715	11.715	0.000	92	264796	20.0	20.3	
128 n-Butylbenzene	92	11.742	11.742	0.000	97	256031	20.0	21.1	a
129 1,2-Dibromo-3-Chloropropan	75	12.580	12.580	0.000	94	31187	20.0	21.5	
130 1,2,4,5-Tetramethylbenzene	119	12.602	12.602	0.000	97	457260	20.0	20.6	
131 1,3,5-Trichlorobenzene	180	12.798	12.798	0.000	98	213534	20.0	21.8	
132 1,2,4-Trichlorobenzene	180	13.369	13.369	0.000	94	197800	20.0	21.7	
133 Hexachlorobutadiene	225	13.549	13.549	0.000	96	74465	20.0	24.0	
134 Naphthalene	128	13.571	13.571	0.000	99	490973	20.0	21.7	
135 1,2,3-Trichlorobenzene	180	13.778	13.778	0.000	96	186521	20.0	22.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 1,2-Dichloroethene, Total	100				0		40.0	37.9	
S 138 Xylenes, Total	100				0		40.0	42.3	
S 139 Total BTEX	1				0		100.0	107.8	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00104	Amount Added:	20.00	Units: uL	
GASES Li_00331	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00104	Amount Added:	4.00	Units: uL	
524freon_00010	Amount Added:	20.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00201	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Sep-2019 14:05:40 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11660.D

Injection Date: 11-Sep-2019 07:30:30 Instrument ID: CVOAMS16 Operator ID:

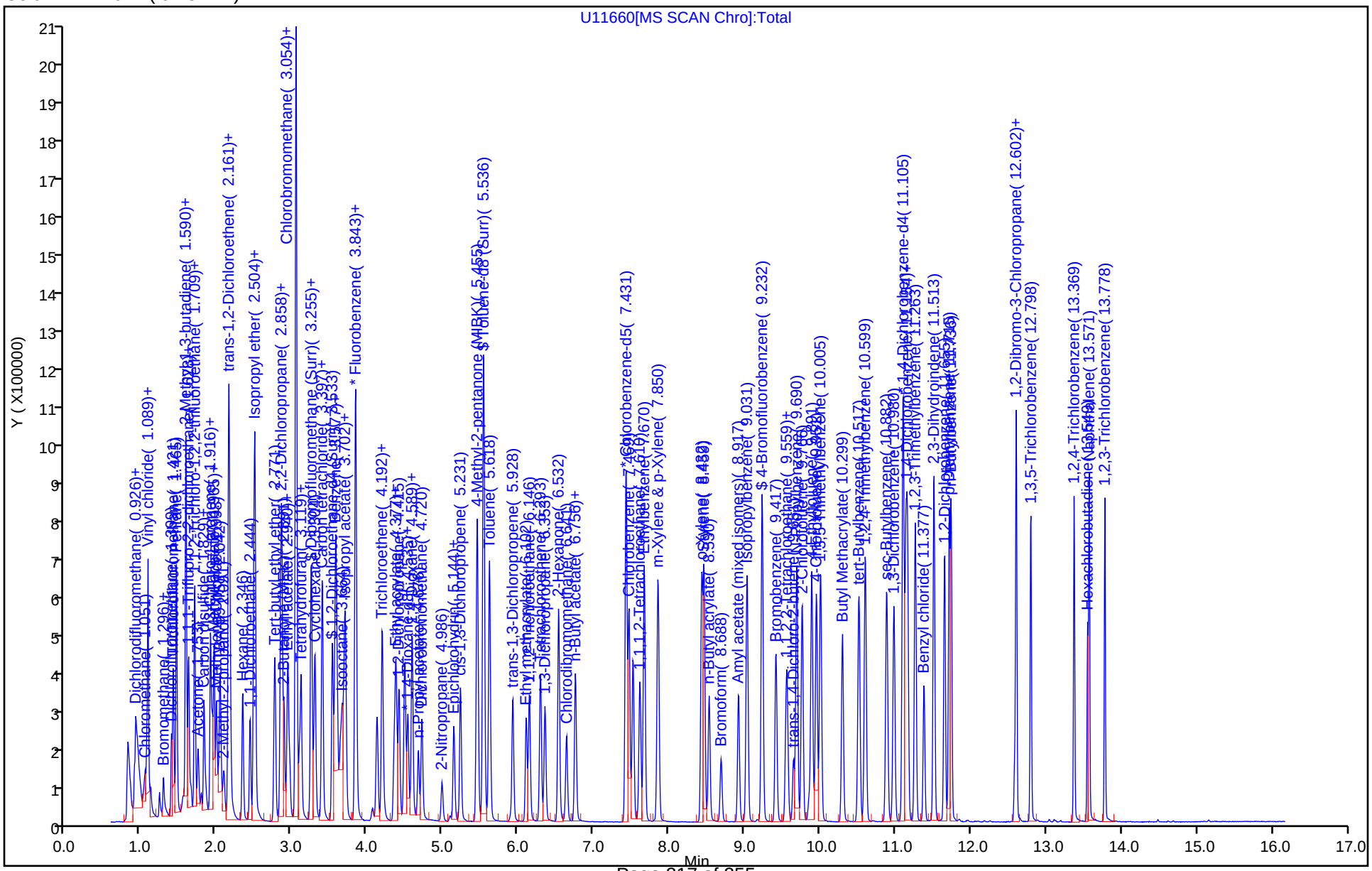
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

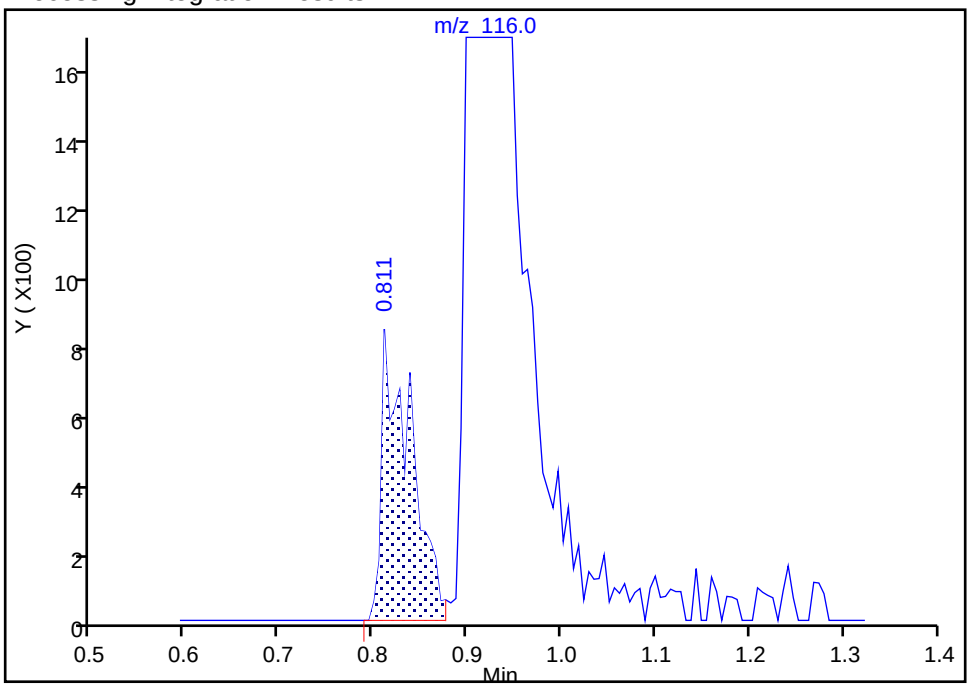
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11660.D
Injection Date: 11-Sep-2019 07:30:30 Instrument ID: CVOAMS16
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

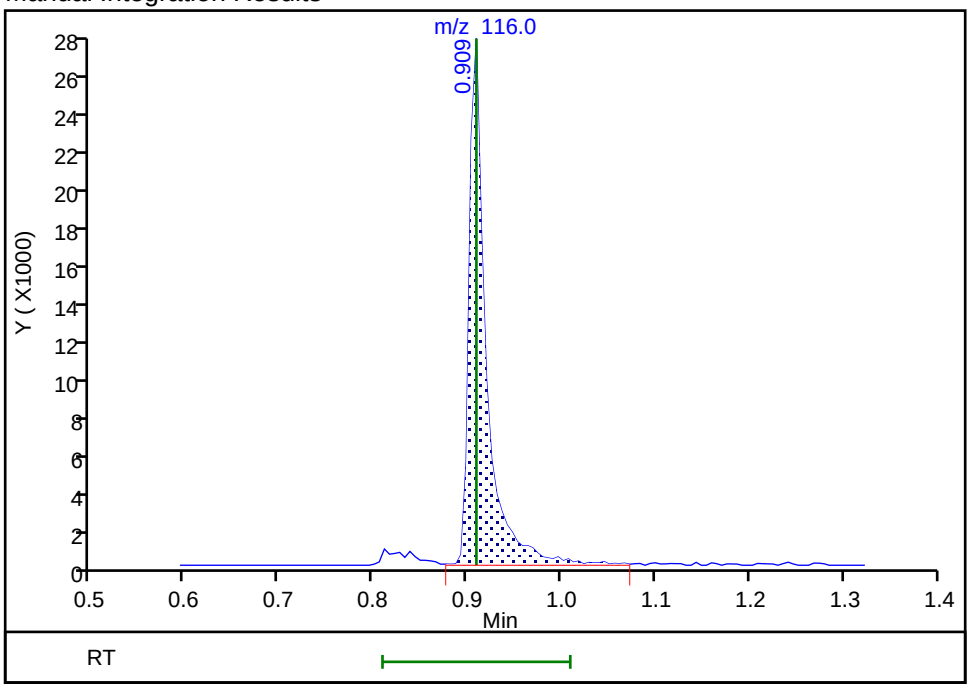
Processing Integration Results

RT: 0.81
Area: 1825
Amount: 0.574933
Amount Units: ug/l



Manual Integration Results

RT: 0.91
Area: 35086
Amount: 11.087699
Amount Units: ug/l



Reviewer: moroneyc, 11-Sep-2019 09:17:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

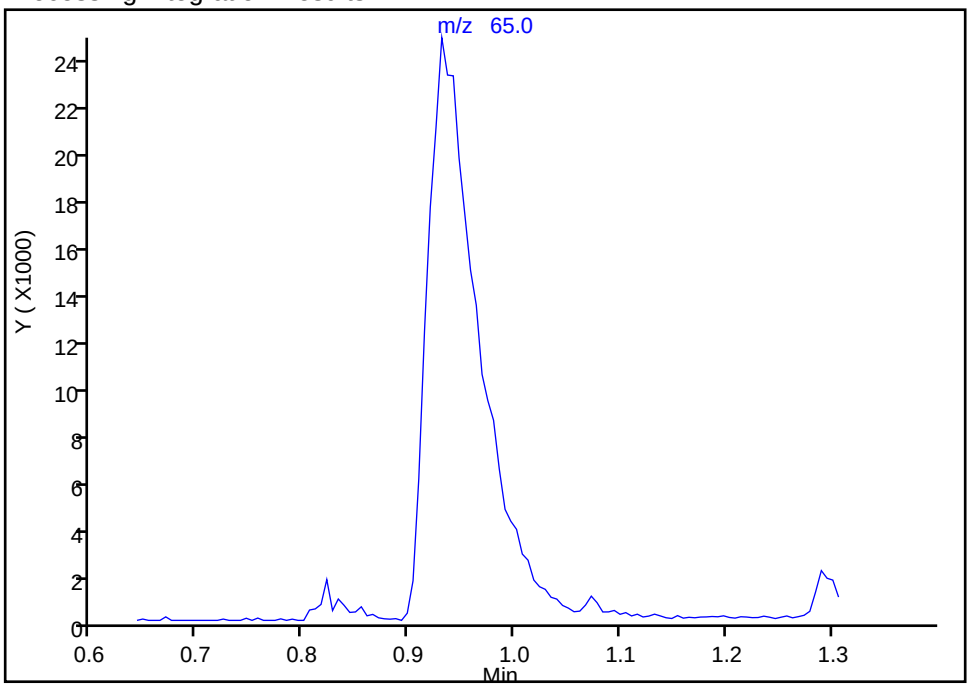
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11660.D
Injection Date: 11-Sep-2019 07:30:30 Instrument ID: CVOAMS16
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

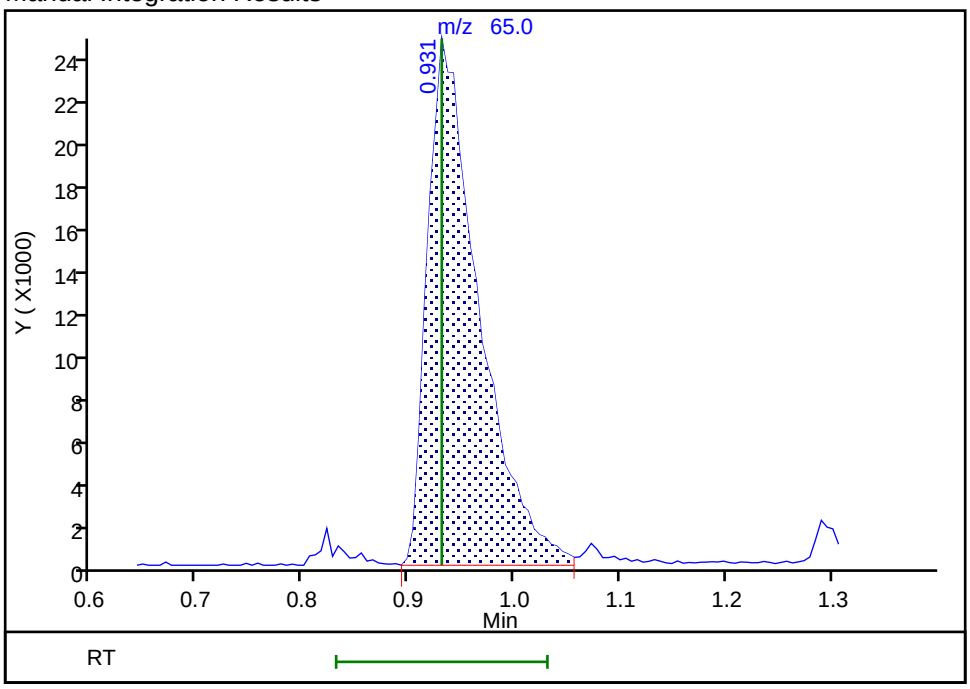
Not Detected
Expected RT: 0.93

Processing Integration Results



Manual Integration Results

RT: 0.93
Area: 81715
Amount: 21.535522
Amount Units: ug/l



Reviewer: moroneyc, 11-Sep-2019 09:17:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

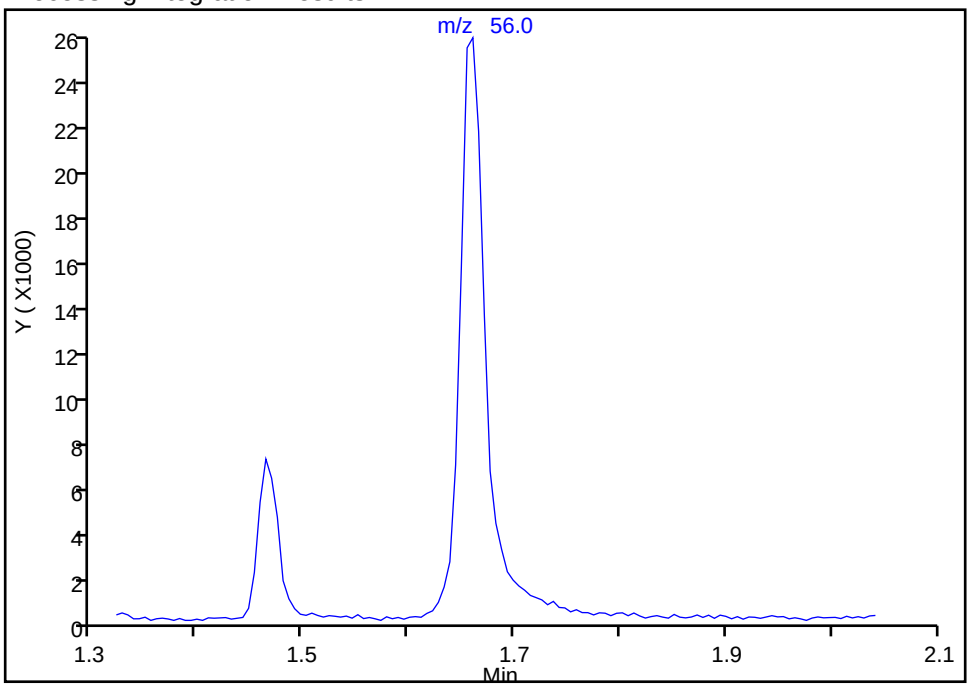
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11660.D
Injection Date: 11-Sep-2019 07:30:30 Instrument ID: CVOAMS16
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

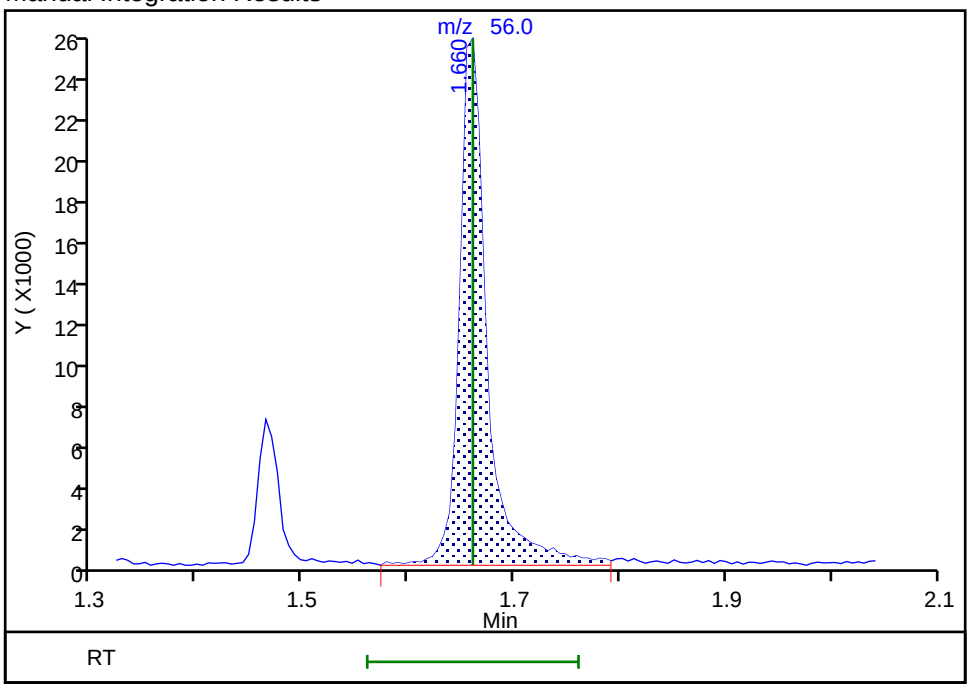
Not Detected
Expected RT: 1.66

Processing Integration Results



Manual Integration Results

RT: 1.66
Area: 47060
Amount: 59.067381
Amount Units: ug/l



Reviewer: moroneyc, 11-Sep-2019 09:17:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

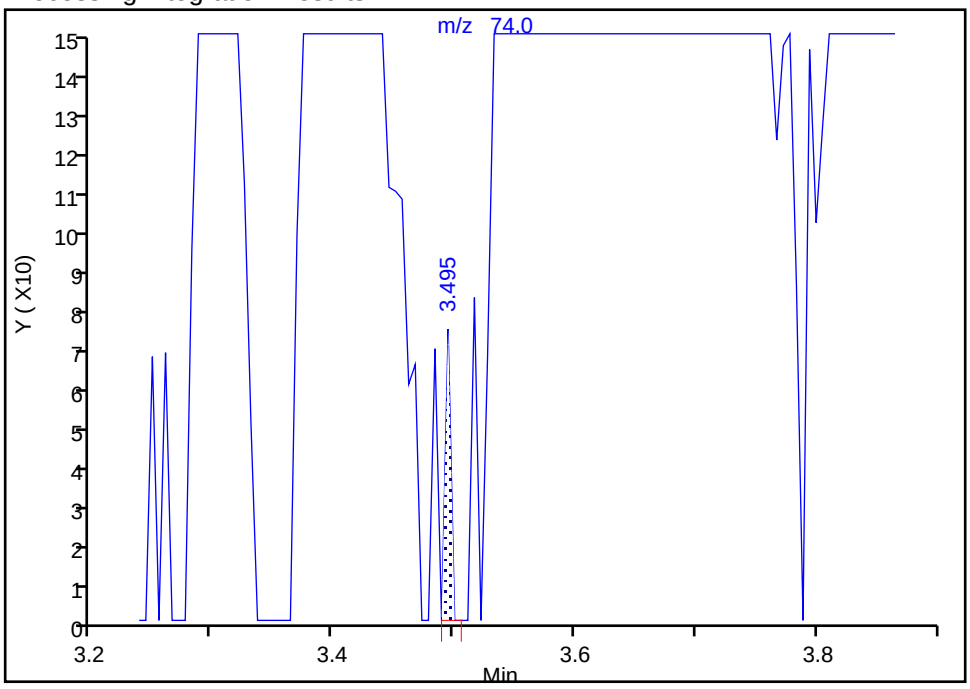
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11660.D
Injection Date: 11-Sep-2019 07:30:30 Instrument ID: CVOAMS16
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

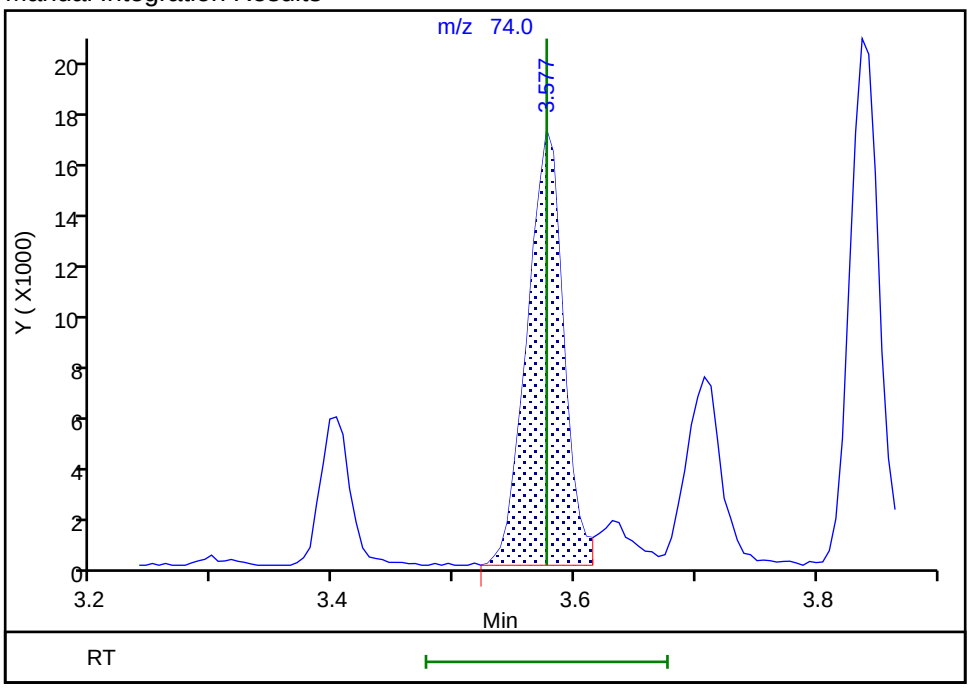
Processing Integration Results

RT: 3.49
Area: 24
Amount: 0.330860
Amount Units: ug/l



Manual Integration Results

RT: 3.58
Area: 34907
Amount: 481.2215
Amount Units: ug/l



Reviewer: moroneyc, 11-Sep-2019 09:17:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

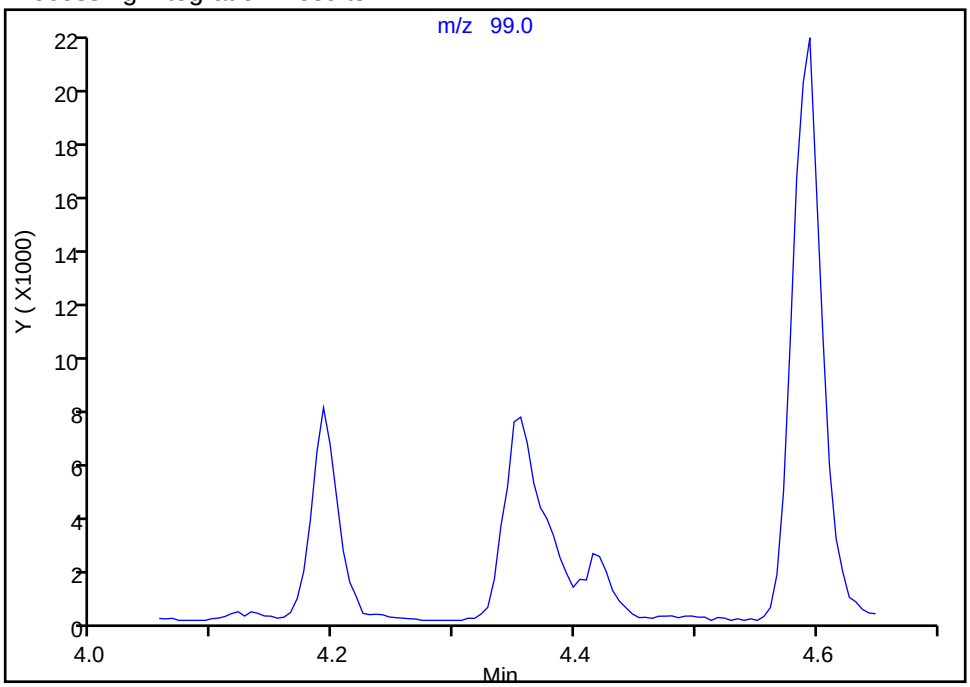
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11660.D
Injection Date: 11-Sep-2019 07:30:30 Instrument ID: CVOAMS16
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

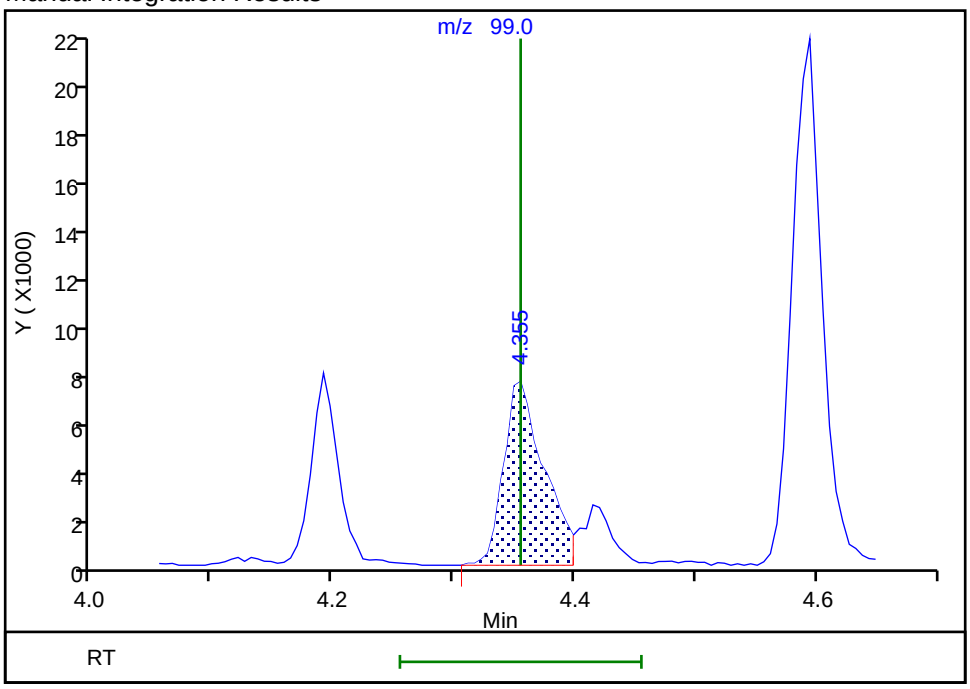
Not Detected
Expected RT: 4.36

Processing Integration Results



Manual Integration Results

RT: 4.36
Area: 17264
Amount: 20.111765
Amount Units: ug/l



Reviewer: moroneyc, 11-Sep-2019 09:18:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

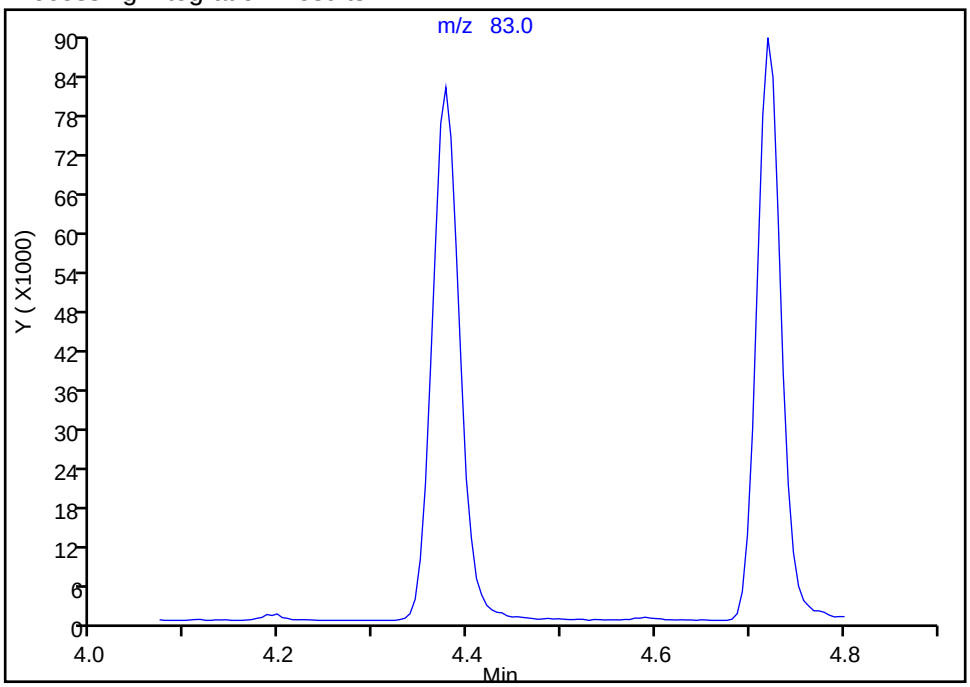
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11660.D
Injection Date: 11-Sep-2019 07:30:30 Instrument ID: CVOAMS16
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

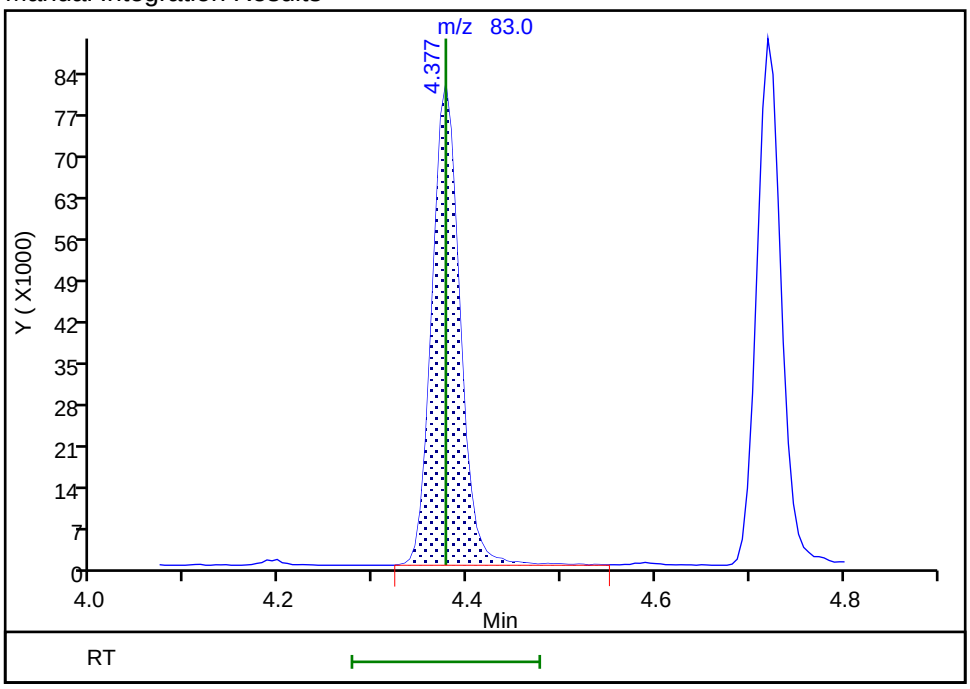
Not Detected
Expected RT: 4.38

Processing Integration Results



Manual Integration Results

RT: 4.38
Area: 168095
Amount: 20.006821
Amount Units: ug/l



Reviewer: moroneyc, 11-Sep-2019 09:18:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

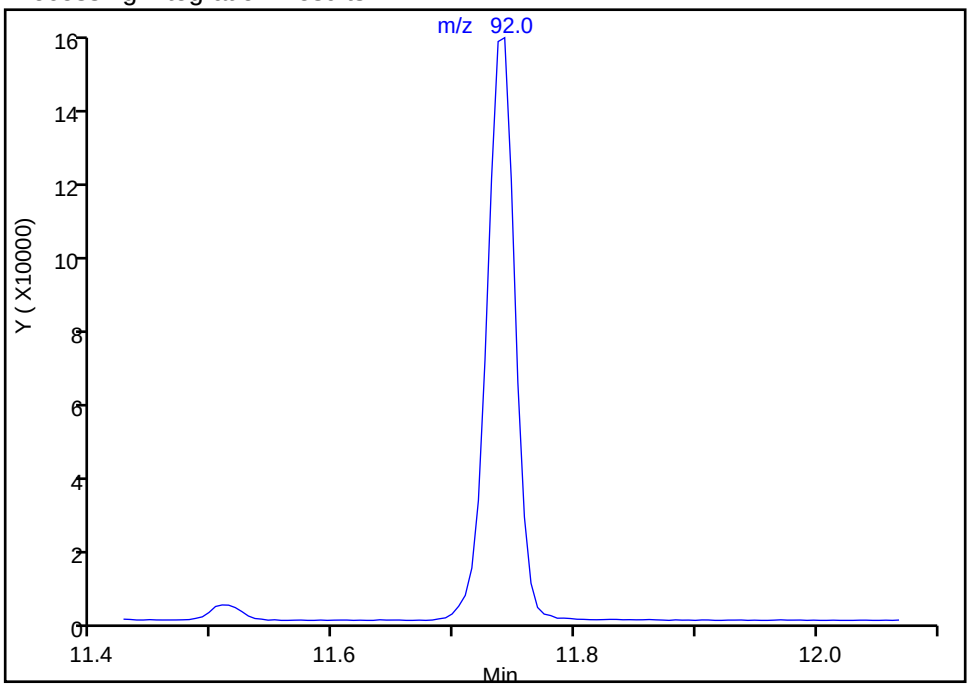
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11660.D
Injection Date: 11-Sep-2019 07:30:30 Instrument ID: CVOAMS16
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Signal: 1

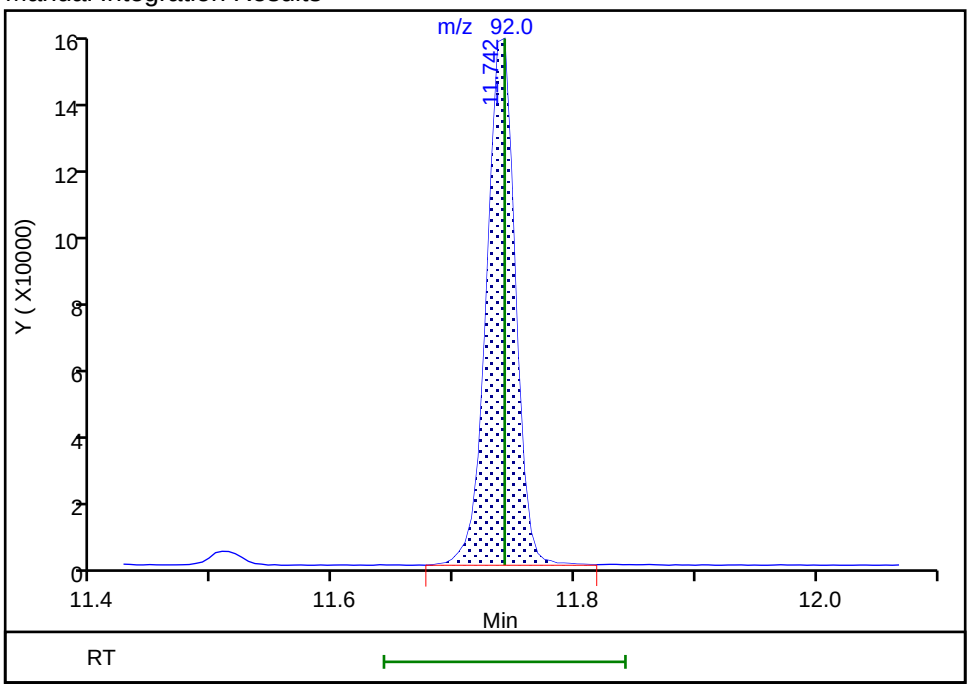
Not Detected
Expected RT: 11.74

Processing Integration Results



Manual Integration Results

RT: 11.74
Area: 256031
Amount: 21.059436
Amount Units: ug/l



Reviewer: moroneyc, 11-Sep-2019 09:18:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

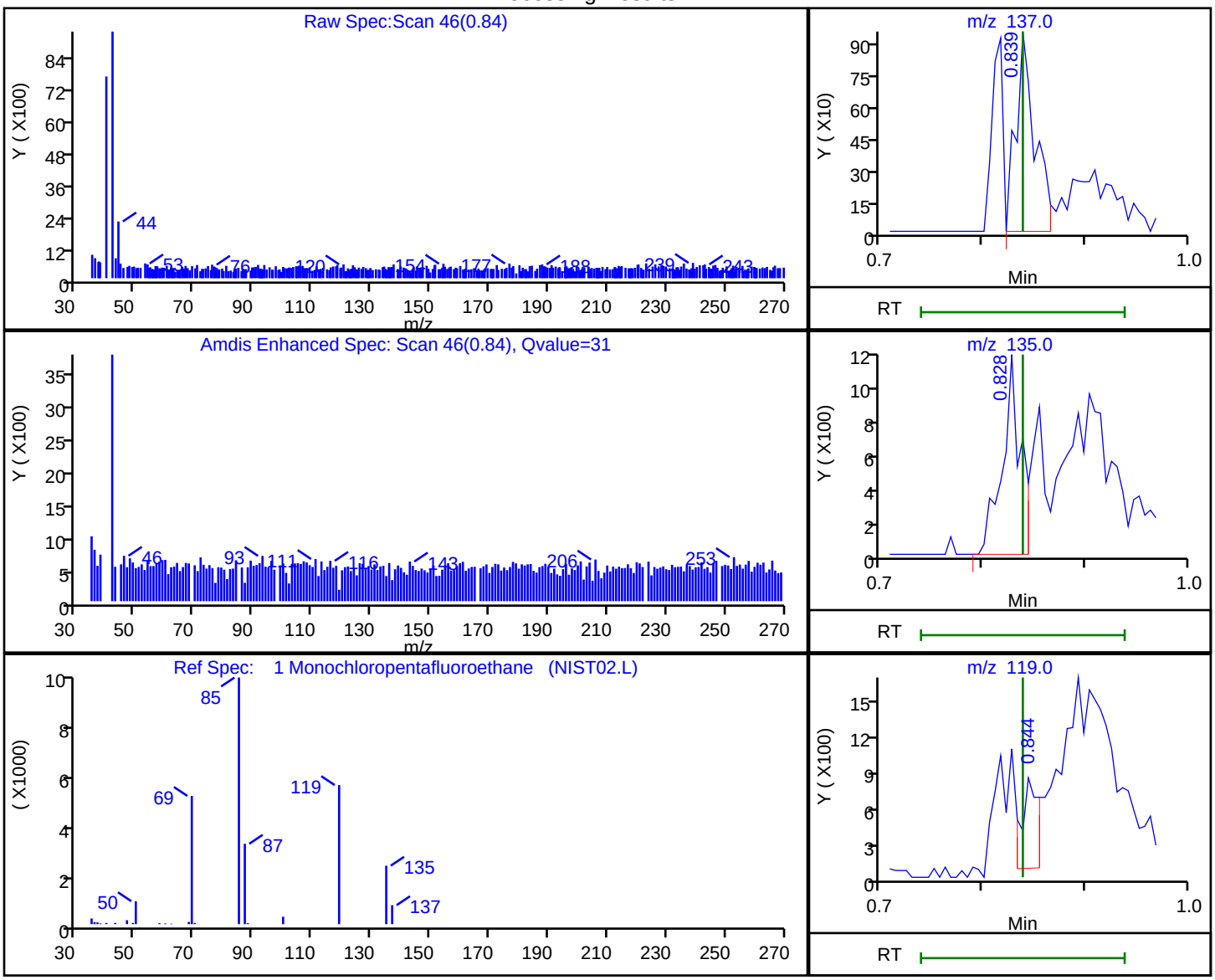
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11660.D
Injection Date: 11-Sep-2019 07:30:30 Instrument ID: CVOAMS16
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
0.84	137.00	1234	24.897308
0.83	135.00	1406	
0.84	119.00	848	

Reviewer: baronm, 11-Sep-2019 14:04:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09959a.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 30-Jul-2019 11:35:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0095201-001
Operator ID: Instrument ID: CVOAMS16

Method: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 31-Jul-2019 11:31:13 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0324

First Level Reviewer: starzecm Date: 30-Jul-2019 11:43:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.534	2.449	0.085	0	34542	NR	NR	Ma

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

BFB_00021 Amount Added: 1.00 Units: uL
14DIOXINTER_00078 Amount Added: 0.00 Units:

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

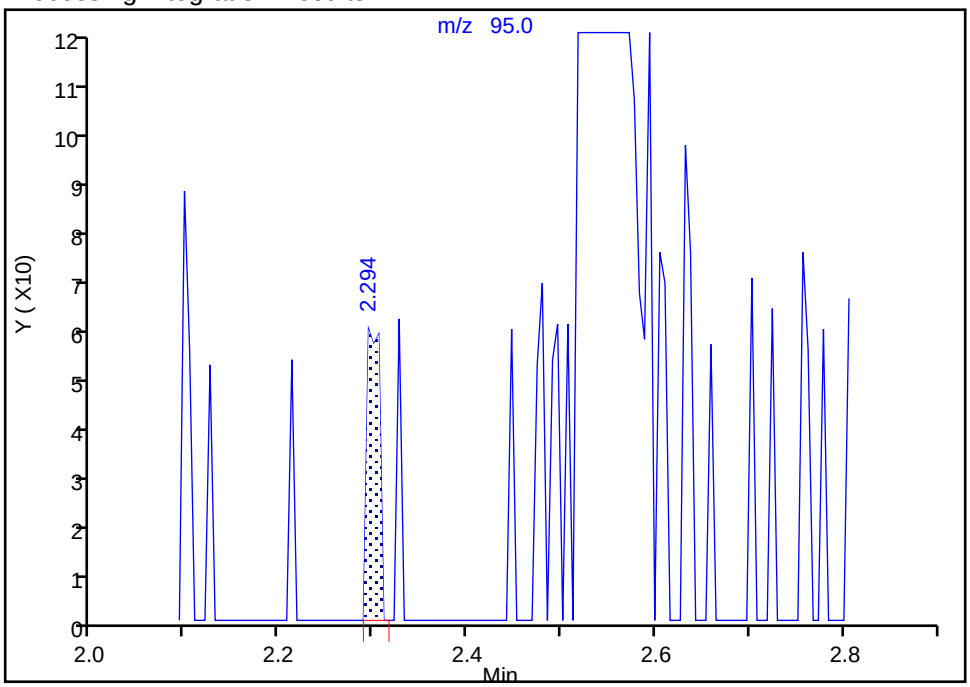
Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09959a.D
Injection Date: 30-Jul-2019 11:35:30 Instrument ID: CVOAMS16
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

$ 140 BFB, CAS: 460-00-4

Signal: 1

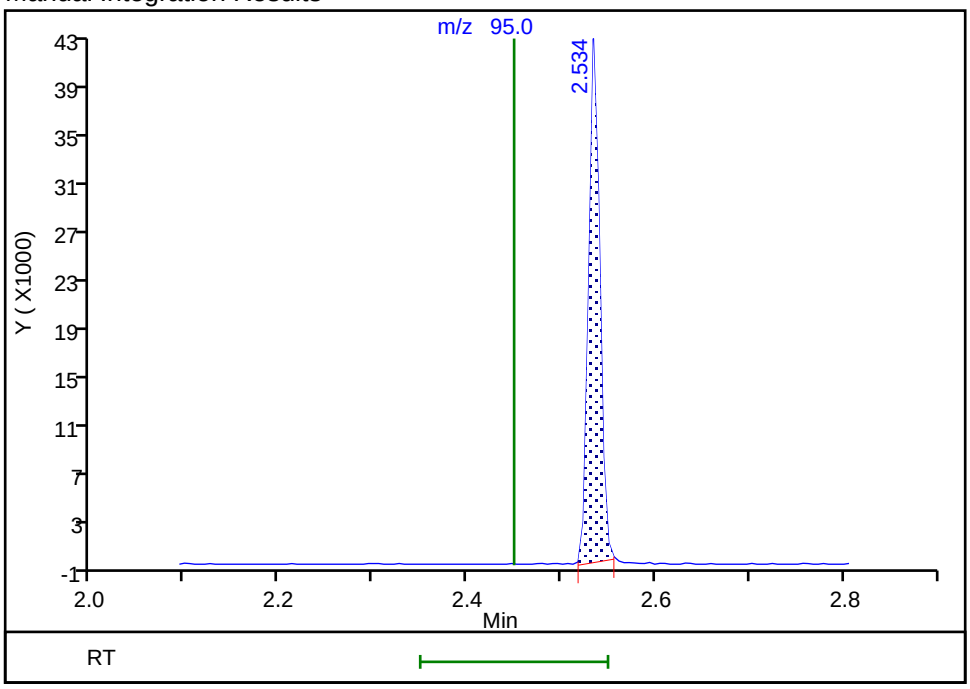
Processing Integration Results

RT: 2.29
Area: 55
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 34542
Amount: 0
Amount Units: ug/l



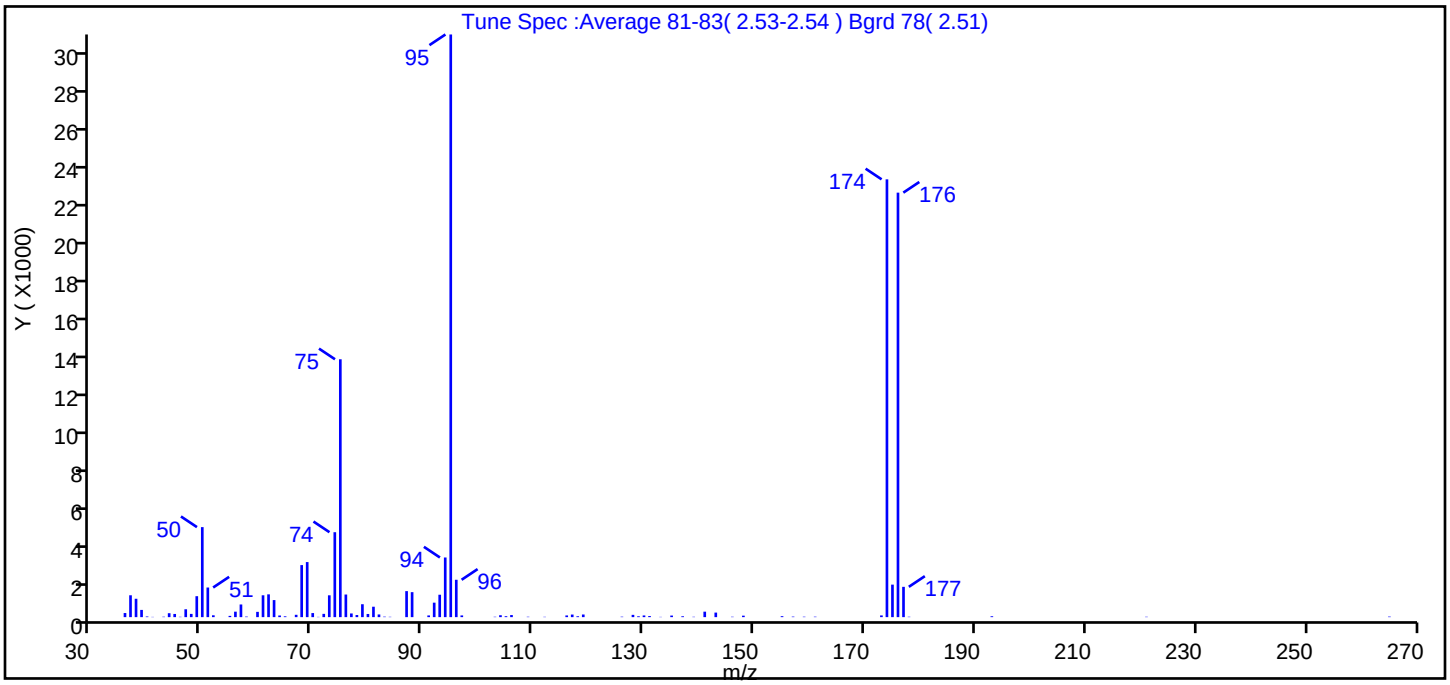
Reviewer: starzecm, 30-Jul-2019 11:43:11
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09959a.D
Injection Date: 30-Jul-2019 11:35:30 Instrument ID: CVOAMS16
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.4
75	30 to 60% of m/z 95	44.3
96	5 to 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.3 (0.4)
174	50 to 120% of m/z 95	75.1
175	5 to 9% of m/z 174	5.6 (7.4)
176	Greater than 95% but less than 101% of m/z 174	72.9 (97.0)
177	5 to 9% of m/z 176	5.2 (7.1)

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09959a.D\8260W_16.rslt\spectra.d
Injection Date: 30-Jul-2019 11:35:30
Spectrum: Tune Spec :Average 81-83(2.53-2.54) Bgrd 78(2.51)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 89

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	218	63.00	903	91.00	90	135.00	84
37.00	1158	64.00	87	92.00	767	137.00	46
38.00	973	65.00	43	93.00	1187	139.00	19
39.00	383	67.00	124	94.00	3159	141.00	290
40.00	35	68.00	2756	95.00	30856	143.00	241
41.00	13	69.00	2916	96.00	1979	146.00	21
43.00	22	70.00	216	97.00	91	148.00	78
44.00	208	71.00	14	103.00	20	155.00	50
45.00	169	72.00	174	104.00	101	157.00	28
46.00	18	73.00	1156	105.00	49	159.00	23
47.00	417	74.00	4498	106.00	110	161.00	24
48.00	172	75.00	13656	109.00	21	173.00	91
49.00	1110	76.00	1198	112.00	17	174.00	23184
50.00	4767	77.00	195	116.00	90	175.00	1722
51.00	1569	78.00	112	117.00	137	176.00	22480
52.00	98	79.00	684	118.00	46	177.00	1605
55.00	67	80.00	168	119.00	140	178.00	21
56.00	290	81.00	552	126.00	24	193.00	46
57.00	671	82.00	142	128.00	121	221.00	20
58.00	30	83.00	26	129.00	44	265.00	29
60.00	280	84.00	18	130.00	89		
61.00	1158	87.00	1378	131.00	57		
62.00	1207	88.00	1323	133.00	14		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11658.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	11-Sep-2019 06:43:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0097383-001				
Operator ID:		Instrument ID:	CVOAMS16		
Method:	\\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\8260W_16.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	11-Sep-2019 09:21:27	Calib Date:	30-Jul-2019 15:18:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX0336				
First Level Reviewer: moroneyc		Date:	11-Sep-2019 06:51:49		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.537	2.537	0.000	88	46920	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

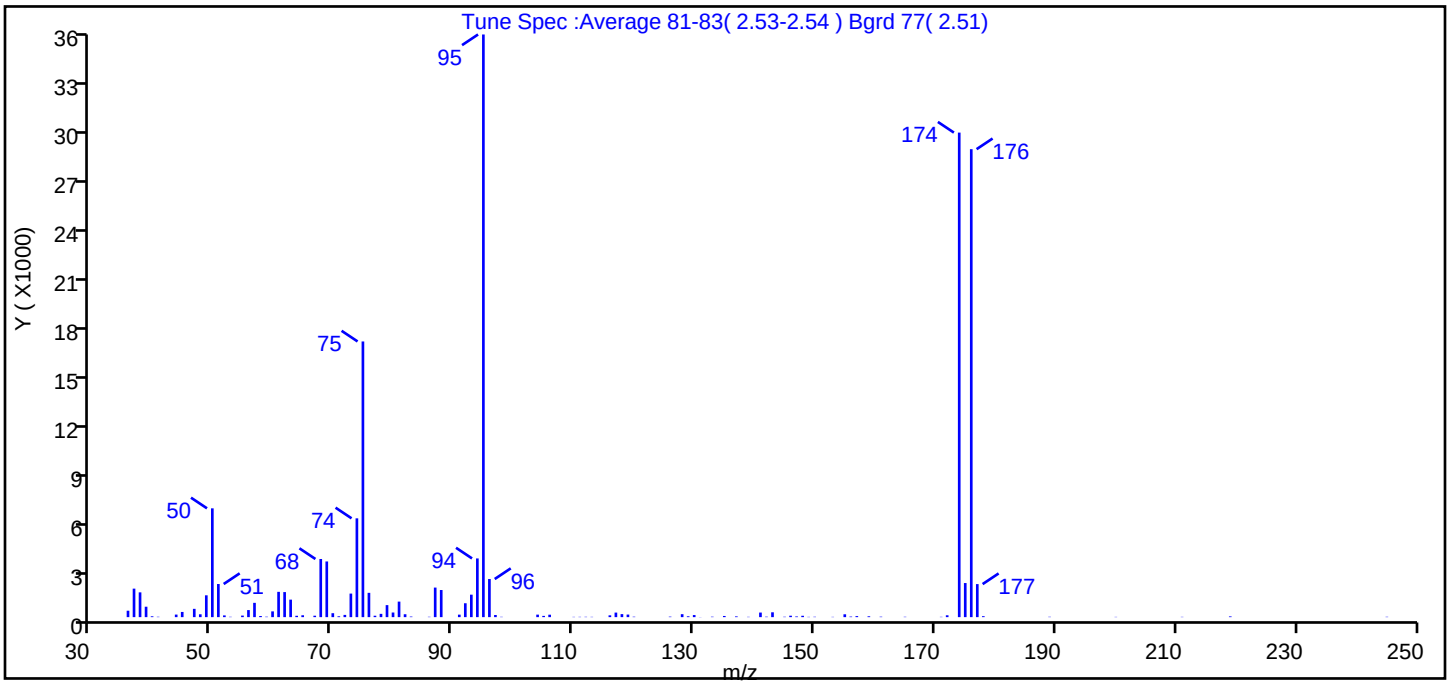
BFB_00021 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11658.D
Injection Date: 11-Sep-2019 06:43:30 Instrument ID: CVOAMS16
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.7
75	30 to 60% of m/z 95	47.3
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	83.2
175	5 to 9% of m/z 174	5.9 (7.0)
176	Greater than 95% but less than 101% of m/z 174	80.3 (96.6)
177	5 to 9% of m/z 176	5.7 (7.1)

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11658.D\8260W_16.rslt\spectra.d
Injection Date: 11-Sep-2019 06:43:30
Spectrum: Tune Spec :Average 81-83(2.53-2.54) Bgrd 77(2.51)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 103

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	391	67.00	87	97.00	130	145.00	24
37.00	1734	68.00	3537	98.00	20	146.00	87
38.00	1508	69.00	3387	104.00	153	147.00	42
39.00	634	70.00	240	105.00	76	148.00	83
40.00	51	71.00	51	106.00	149	149.00	17
41.00	23	72.00	136	110.00	17	150.00	23
44.00	156	73.00	1433	111.00	19	153.00	17
45.00	316	74.00	6010	112.00	21	155.00	174
47.00	505	75.00	16768	113.00	18	156.00	35
48.00	174	76.00	1479	116.00	110	157.00	64
49.00	1328	77.00	86	117.00	277	159.00	51
50.00	6618	78.00	200	118.00	184	161.00	28
51.00	2015	79.00	731	119.00	157	165.00	22
52.00	106	80.00	282	120.00	27	171.00	19
53.00	21	81.00	945	126.00	31	172.00	113
55.00	95	82.00	177	128.00	180	174.00	29472
56.00	430	83.00	35	129.00	51	175.00	2074
57.00	870	86.00	22	130.00	127	176.00	28464
58.00	68	87.00	1798	131.00	8	177.00	2010
59.00	27	88.00	1650	133.00	27	178.00	57
60.00	351	91.00	152	135.00	71	189.00	22
61.00	1539	92.00	845	137.00	46	200.00	16
62.00	1524	93.00	1367	139.00	19	211.00	18
63.00	1065	94.00	3571	141.00	279	219.00	44
64.00	83	95.00	35440	142.00	28	245.00	22
65.00	114	96.00	2319	143.00	295		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-638407/9

Matrix: Water Lab File ID: U11666.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/11/2019 10:11

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 638407 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	105		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11666.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 11-Sep-2019 10:11:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0097383-009
Operator ID: Instrument ID: CVOAMS16

Method: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Sep-2019 10:34:54 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0336

First Level Reviewer: moroneyc Date: 11-Sep-2019 10:34:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.046	2.042	0.004	98	412834	1000.0	1000.0	
* 42 2-Butanone-d5	46	2.846	2.847	-0.001	0	476897	250.0	250.0	
$ 53 Dibromofluoromethane (Surr	113	3.249	3.250	-0.001	97	223934	50.0	49.4	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.532	3.533	-0.001	0	250761	50.0	53.5	
* 65 Fluorobenzene	96	3.843	3.838	0.005	98	771431	50.0	50.0	
* 73 1,4-Dioxane-d8	96	4.539	4.540	-0.001	0	49906	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.541	5.536	0.005	99	812099	50.0	49.5	
* 94 Chlorobenzene-d5	117	7.430	7.431	-0.001	87	615730	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.232	9.232	0.000	93	280247	50.0	52.4	
* 120 1,4-Dichlorobenzene-d4	152	11.104	11.105	-0.001	95	360759	50.0	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00201 Amount Added: 1.00 Units: uL Run Reagent

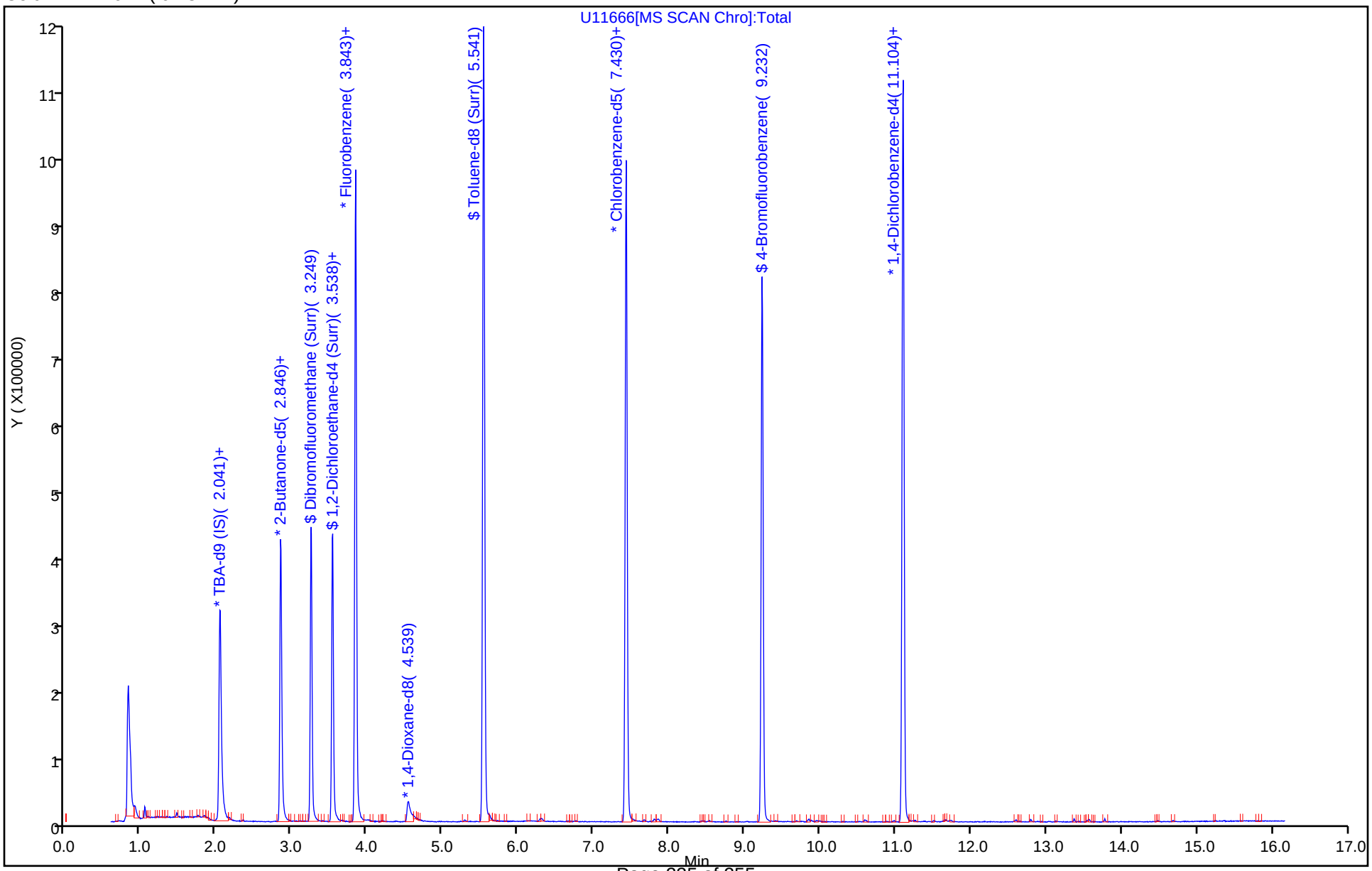
Report Date: 11-Sep-2019 10:34:54 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11666.D

Injection Date:	11-Sep-2019 10:11:30	Instrument ID:	CVOAMS16	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-638407/4

Matrix: Water Lab File ID: U11661.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/11/2019 08:03

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 638407 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.8		1.0	0.24
75-34-3	1,1-Dichloroethane	19.2		1.0	0.26
75-35-4	1,1-Dichloroethene	15.6		1.0	0.26
56-23-5	Carbon tetrachloride	19.3		1.0	0.21
74-87-3	Chloromethane	20.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.22
75-09-2	Methylene Chloride	17.8		1.0	0.32
127-18-4	Tetrachloroethene	21.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	17.1		1.0	0.24
79-01-6	Trichloroethene	18.3		1.0	0.31
75-01-4	Vinyl chloride	22.5		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	108		77-124
1868-53-7	Dibromofluoromethane (Surr)	97		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11661.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 11-Sep-2019 08:03:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0097383-004
Operator ID: Instrument ID: CVOAMS16

Method: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Sep-2019 14:06:39 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0319

First Level Reviewer: moroneyc Date: 11-Sep-2019 09:19:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.911	0.909	0.002	88	40400	20.0	11.2	a
3 Dichlorodifluoromethane	85	0.927	0.926	0.001	99	211438	20.0	20.6	
4 1,1-Difluoroethane	65	0.949	0.931	0.018	94	89586	20.0	21.7	a
5 Chlorodifluoromethane	67	0.971	0.958	0.013	97	31181	20.0	20.9	a
6 Chloromethane	50	1.058	1.051	0.007	97	125952	20.0	20.9	
7 Vinyl chloride	62	1.074	1.073	0.001	99	185120	20.0	22.5	
8 Butadiene	54	1.090	1.089	0.001	98	158685	20.0	22.3	
9 Bromomethane	94	1.243	1.241	0.002	99	45479	20.0	19.6	
10 Chloroethane	64	1.292	1.296	-0.004	100	94815	20.0	26.0	
11 Dichlorofluoromethane	67	1.401	1.399	0.002	99	249288	20.0	21.1	
12 Trichlorofluoromethane	101	1.422	1.426	-0.004	100	190565	20.0	19.4	
13 Pentane	72	1.466	1.465	0.001	96	26947	40.0	27.2	
14 Ethanol	46	1.564	1.563	0.002	97	37914	800.0	782.5	
15 Ethyl ether	59	1.591	1.590	0.001	88	96517	20.0	21.2	
16 1,2-Dichloro-1,1,2-trifluo	117	1.591	1.590	0.001	93	106434	20.0	19.8	
17 2-Methyl-1,3-butadiene	53	1.597	1.595	0.002	90	85918	20.0	18.2	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.624	1.622	0.002	94	179647	20.0	19.7	
19 Acrolein	56	1.662	1.660	0.002	96	61385	40.1	65.3	
20 1,1-Dichloroethene	96	1.705	1.704	0.001	97	90642	20.0	15.6	
21 1,1,2-Trichloro-1,2,2-trif	101	1.711	1.709	0.002	98	96634	20.0	16.2	
22 Acetone	58	1.754	1.753	0.001	87	69828	100.0	86.6	
23 Iodomethane	127	1.798	1.797	0.001	98	20944	20.0	8.75	
24 Carbon disulfide	76	1.831	1.829	0.002	99	306759	20.0	16.4	
25 Isopropyl alcohol	45	1.852	1.851	0.001	99	100051	200.0	235.0	
27 3-Chloro-1-propene	76	1.918	1.916	0.002	92	69005	20.0	14.8	
26 Acetonitrile	38	1.918	1.916	0.002	83	39241	200.0	183.5	
28 Methyl acetate	74	1.940	1.944	-0.004	100	39289	40.0	30.1	
29 Cyclopentene	67	1.967	1.965	0.002	95	233655	20.0	16.5	
30 Methylene Chloride	84	1.999	1.998	0.001	93	127954	20.0	17.8	
* 31 TBA-d9 (IS)	65	2.043	2.042	0.001	98	445410	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.097	2.096	0.001	99	131597	200.0	193.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.157	2.156	0.001	95	495185	200.0	237.7	
34 trans-1,2-Dichloroethene	96	2.163	2.161	0.002	95	111364	20.0	17.1	
35 Methyl tert-butyl ether	73	2.174	2.178	-0.004	98	320659	20.0	20.1	
36 Hexane	57	2.342	2.346	-0.004	93	126308	20.0	18.0	
37 1,1-Dichloroethane	63	2.440	2.444	-0.004	100	200687	20.0	19.2	
38 Vinyl acetate	86	2.489	2.488	0.001	100	43622	40.0	32.3	
39 Isopropyl ether	45	2.506	2.504	0.002	85	411846	20.0	23.0	
40 2-Chloro-1,3-butadiene	88	2.506	2.504	0.002	92	105938	20.0	17.4	
41 Tert-butyl ethyl ether	59	2.767	2.771	-0.004	89	338535	20.0	21.3	
* 42 2-Butanone-d5	46	2.849	2.847	0.002	0	513480	250.0	250.0	
43 2,2-Dichloropropane	97	2.859	2.863	-0.004	95	36459	20.0	17.8	
44 cis-1,2-Dichloroethene	96	2.865	2.863	0.002	98	130364	20.0	18.5	
45 2-Butanone (MEK)	72	2.892	2.891	0.001	100	76855	100.0	83.4	
46 Propionitrile	52	2.941	2.934	0.007	94	39497	200.0	201.3	
47 Ethyl acetate	70	2.947	2.945	0.002	100	25232	40.0	29.4	
48 Methyl acrylate	55	2.968	2.967	0.001	100	133667	20.0	20.8	
49 Chlorobromomethane	128	3.050	3.049	0.001	94	66863	20.0	18.7	
50 Methacrylonitrile	67	3.055	3.054	0.001	92	550565	200.0	225.0	
51 Tetrahydrofuran	42	3.099	3.098	0.001	83	81217	40.0	36.4	
52 Chloroform	83	3.121	3.119	0.002	99	209634	20.0	19.7	
$ 53 Dibromofluoromethane (Surr	113	3.251	3.250	0.001	97	231696	50.0	48.6	
54 1,1,1-Trichloroethane	97	3.262	3.261	0.001	99	168421	20.0	18.8	
55 Cyclohexane	84	3.306	3.304	0.002	92	149941	20.0	18.2	
56 Carbon tetrachloride	117	3.398	3.397	0.001	98	149284	20.0	19.3	
57 1,1-Dichloropropene	75	3.398	3.402	-0.004	97	160175	20.0	18.8	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.534	3.533	0.001	0	253506	50.0	51.5	
59 Isobutyl alcohol	74	3.578	3.577	0.001	97	37390	500.0	435.8	a
60 Benzene	78	3.578	3.582	-0.004	95	480604	20.0	20.8	
61 1,2-Dichloroethane	62	3.600	3.598	0.002	97	161098	20.0	20.2	
62 Isooctane	57	3.665	3.664	0.001	97	268368	20.0	19.6	
63 Isopropyl acetate	61	3.692	3.691	0.001	97	50344	20.0	21.7	
64 Tert-amyl methyl ether	87	3.703	3.702	0.001	92	101531	20.0	19.8	
* 65 Fluorobenzene	96	3.839	3.838	0.001	97	811171	50.0	50.0	
66 n-Heptane	43	3.850	3.849	0.001	94	115284	20.0	20.2	
67 Trichloroethene	95	4.193	4.192	0.001	99	121353	20.0	18.3	
68 n-Butanol	56	4.204	4.203	0.001	89	96187	500.0	536.7	
69 Ethyl acrylate	99	4.351	4.355	-0.004	98	18789	20.0	20.1	a
70 Methylcyclohexane	83	4.378	4.377	0.001	94	168462	20.0	18.4	a
71 1,2-Dichloropropane	63	4.416	4.420	-0.004	92	127385	20.0	20.2	
72 Dibromomethane	93	4.536	4.535	0.001	95	79855	20.0	19.4	
* 73 1,4-Dioxane-d8	96	4.536	4.540	-0.004	0	56314	1000.0	1000.0	
74 1,4-Dioxane	88	4.590	4.589	0.001	31	35640	400.0	434.4	
75 Methyl methacrylate	100	4.590	4.595	-0.005	91	66764	40.0	39.9	
76 n-Propyl acetate	43	4.672	4.676	-0.004	99	187134	20.0	25.8	
77 Dichlorobromomethane	83	4.721	4.720	0.001	99	163331	20.0	19.6	
78 2-Nitropropane	41	4.988	4.986	0.002	98	64489	40.0	47.2	
79 2-Chloroethyl vinyl ether	63	5.091	5.095	-0.004	97	6961	20.0	18.6	
80 Epichlorohydrin	57	5.146	5.144	0.002	99	225842	400.0	376.8	
81 cis-1,3-Dichloropropene	75	5.233	5.231	0.002	93	202077	20.0	20.4	
82 4-Methyl-2-pentanone (MIBK	43	5.456	5.455	0.001	97	609310	100.0	100.4	
$ 83 Toluene-d8 (Surr)	98	5.538	5.536	0.002	100	847613	50.0	49.8	
84 Toluene	91	5.614	5.618	-0.004	94	511773	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
85 trans-1,3-Dichloropropene	75	5.924	5.928	-0.004	98	181287	20.0	20.3	
86 Ethyl methacrylate	69	6.104	6.102	0.002	91	155672	20.0	21.9	
87 1,1,2-Trichloroethane	83	6.147	6.146	0.001	94	98332	20.0	20.9	
88 Tetrachloroethene	166	6.294	6.293	0.001	98	131513	20.0	21.1	
89 1,3-Dichloropropane	76	6.354	6.353	0.001	95	186008	20.0	20.6	
90 2-Hexanone	43	6.534	6.532	0.002	97	430613	100.0	97.9	
91 Chlorodibromomethane	129	6.637	6.641	-0.004	98	133365	20.0	21.0	
92 n-Butyl acetate	43	6.752	6.756	-0.004	99	196704	20.0	25.6	
93 Ethylene Dibromide	107	6.757	6.761	-0.004	99	121806	20.0	21.1	
* 94 Chlorobenzene-d5	117	7.427	7.431	-0.004	86	638232	50.0	50.0	
95 Chlorobenzene	112	7.465	7.469	-0.004	95	332955	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	7.612	7.610	0.002	96	119480	20.0	19.8	
97 Ethylbenzene	106	7.666	7.670	-0.004	98	175733	20.0	19.4	
98 m-Xylene & p-Xylene	106	7.851	7.850	0.001	0	223676	20.0	19.9	
99 o-Xylene	106	8.434	8.432	0.002	94	213311	20.0	19.4	
100 Styrene	104	8.461	8.465	-0.004	95	370017	20.0	20.1	
101 n-Butyl acrylate	73	8.532	8.530	0.002	97	96355	20.0	21.3	
102 Bromoform	173	8.689	8.688	0.001	97	93016	20.0	22.5	
103 Amyl acetate (mixed isomer	43	8.918	8.917	0.001	89	226225	20.0	24.0	
104 Isopropylbenzene	105	9.032	9.031	0.001	96	532179	20.0	20.2	
$ 105 4-Bromofluorobenzene	174	9.234	9.232	0.002	95	299849	50.0	54.1	
106 Bromobenzene	156	9.419	9.417	0.002	95	156819	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	9.549	9.554	-0.005	99	162129	20.0	20.7	
108 1,2,3-Trichloropropane	110	9.566	9.570	-0.004	99	42893	20.0	20.3	
109 trans-1,4-Dichloro-2-buten	53	9.647	9.646	0.001	91	42882	20.0	22.3	
110 N-Propylbenzene	91	9.691	9.690	0.001	99	664567	20.0	19.5	
111 2-Chlorotoluene	91	9.762	9.766	-0.004	97	402304	20.0	19.2	
112 4-Ethyltoluene	105	9.892	9.891	0.001	99	559005	20.0	19.3	
113 4-Chlorotoluene	91	9.952	9.951	0.001	97	423557	20.0	19.4	
114 1,3,5-Trimethylbenzene	105	10.007	10.005	0.002	93	448368	20.0	18.7	
115 Butyl Methacrylate	87	10.295	10.299	-0.004	91	170002	20.0	19.2	
116 tert-Butylbenzene	119	10.518	10.517	0.001	94	370070	20.0	18.9	
117 1,2,4-Trimethylbenzene	105	10.600	10.599	0.001	98	482893	20.0	19.1	
118 sec-Butylbenzene	105	10.883	10.882	0.001	99	547301	20.0	19.2	
119 1,3-Dichlorobenzene	146	10.981	10.980	0.001	96	300955	20.0	19.8	
* 120 1,4-Dichlorobenzene-d4	152	11.101	11.105	-0.004	95	392138	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.139	11.138	0.001	96	305322	20.0	19.6	
122 4-Isopropyltoluene	119	11.161	11.159	0.002	98	474420	20.0	19.0	
123 1,2,3-Trimethylbenzene	105	11.264	11.263	0.001	99	503627	20.0	19.0	
124 Benzyl chloride	126	11.378	11.383	-0.005	99	56843	20.0	18.0	
125 2,3-Dihydroindene	117	11.509	11.513	-0.004	95	505586	20.0	19.4	
126 1,2-Dichlorobenzene	146	11.651	11.655	-0.004	96	303825	20.0	20.1	
127 p-Diethylbenzene	119	11.711	11.715	-0.004	92	267625	20.0	18.6	
128 n-Butylbenzene	92	11.738	11.742	-0.004	98	255517	20.0	19.1	
129 1,2-Dibromo-3-Chloropropan	75	12.581	12.580	0.001	95	32956	20.0	20.6	
130 1,2,4,5-Tetramethylbenzene	119	12.603	12.602	0.001	97	470346	20.0	19.3	
131 1,3,5-Trichlorobenzene	180	12.799	12.798	0.001	98	217451	20.0	20.2	
132 1,2,4-Trichlorobenzene	180	13.371	13.369	0.002	94	203679	20.0	20.3	
133 Hexachlorobutadiene	225	13.550	13.549	0.001	96	76040	20.0	22.2	
134 Naphthalene	128	13.572	13.571	0.001	99	523645	20.0	21.0	
135 1,2,3-Trichlorobenzene	180	13.779	13.778	0.001	96	192041	20.0	20.7	
S 137 1,2-Dichloroethene, Total	100				0		40.0	35.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	39.3	
S 139 Total BTEX	1				0		100.0	100.4	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00331	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00104	Amount Added:	20.00	Units: uL	
524freon_00010	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00104	Amount Added:	4.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00201	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Sep-2019 14:06:44 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11661.D

Injection Date: 11-Sep-2019 08:03:30 Instrument ID: CVOAMS16 Operator ID:

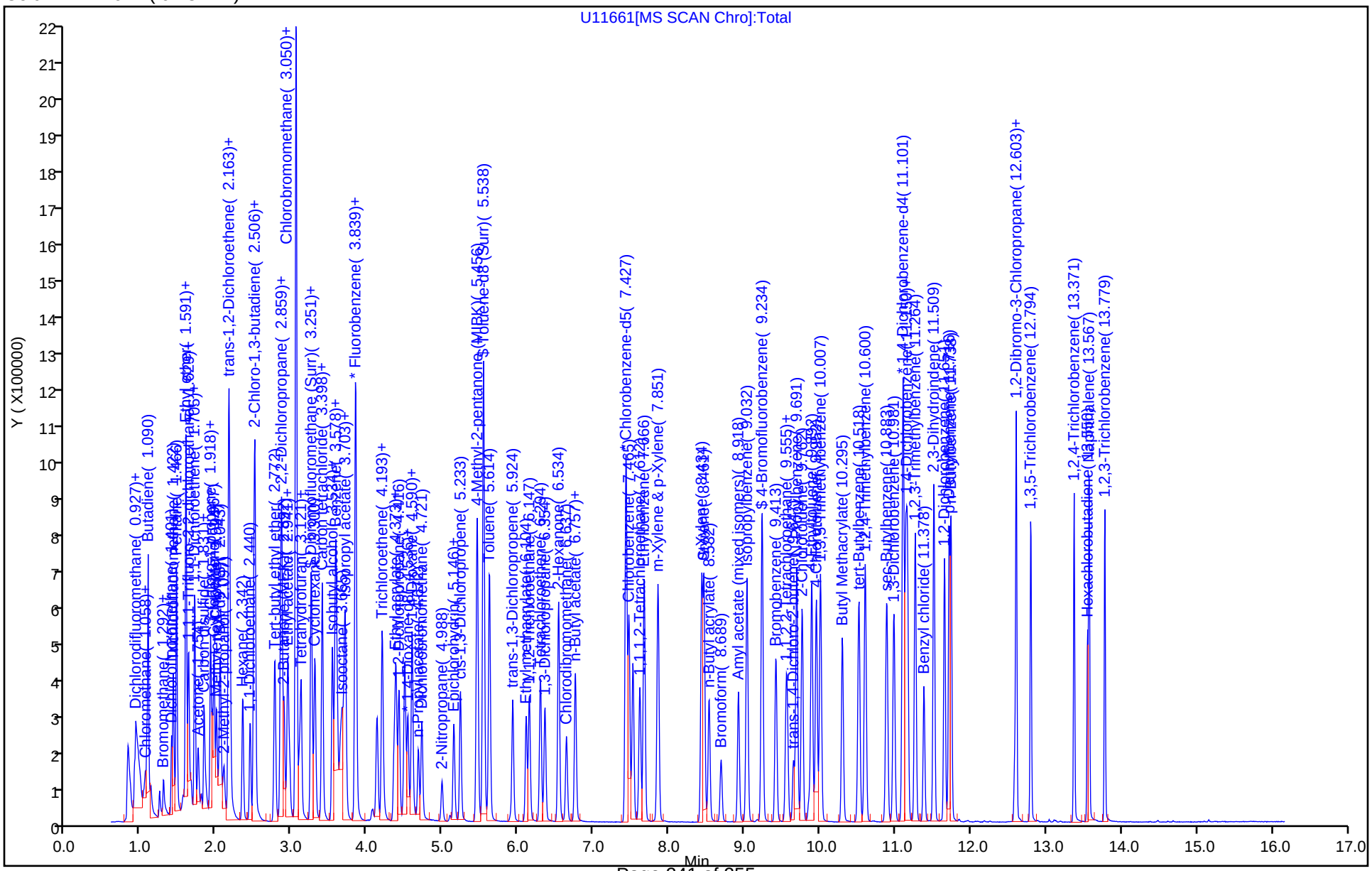
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_16 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-638407/5

Matrix: Water Lab File ID: U11662.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/11/2019 08:28

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 638407 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.7		1.0	0.24
75-34-3	1,1-Dichloroethane	20.3		1.0	0.26
75-35-4	1,1-Dichloroethene	15.9		1.0	0.26
56-23-5	Carbon tetrachloride	19.8		1.0	0.21
74-87-3	Chloromethane	20.6		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.22
75-09-2	Methylene Chloride	15.8		1.0	0.32
127-18-4	Tetrachloroethene	21.5		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	17.2		1.0	0.24
79-01-6	Trichloroethene	19.2		1.0	0.31
75-01-4	Vinyl chloride	21.7		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		74-132
460-00-4	4-Bromofluorobenzene	109		77-124
1868-53-7	Dibromofluoromethane (Surr)	97		72-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11662.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 11-Sep-2019 08:28:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0097383-005
Operator ID: Instrument ID: CVOAMS16

Method: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\8260W_16.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Sep-2019 14:07:53 Calib Date: 30-Jul-2019 15:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS16\20190730-95201.b\U09968a.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0319

First Level Reviewer: moroneyc Date: 11-Sep-2019 09:21:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.910	0.909	0.001	85	45080	20.0	12.9	a
3 Dichlorodifluoromethane	85	0.927	0.926	0.000	99	209730	20.0	20.3	
4 1,1-Difluoroethane	65	0.937	0.931	0.006	95	93532	20.0	22.6	a
5 Chlorodifluoromethane	67	0.965	0.958	0.007	96	33606	20.0	22.4	a
6 Chloromethane	50	1.057	1.051	0.006	98	124488	20.0	20.6	
7 Vinyl chloride	62	1.073	1.073	0.000	98	178988	20.0	21.7	
8 Butadiene	54	1.090	1.089	0.001	98	154073	20.0	21.5	
9 Bromomethane	94	1.242	1.241	0.001	99	49970	20.0	22.3	
10 Chloroethane	64	1.297	1.296	0.001	100	80998	20.0	22.1	
11 Dichlorofluoromethane	67	1.400	1.399	0.001	99	250533	20.0	21.1	
12 Trichlorofluoromethane	101	1.427	1.426	0.001	98	190798	20.0	19.3	
13 Pentane	72	1.471	1.465	0.006	96	28808	40.0	29.0	
14 Ethanol	46	1.569	1.563	0.007	91	38900	800.0	839.3	
15 Ethyl ether	59	1.591	1.590	0.001	87	96353	20.0	21.1	
16 1,2-Dichloro-1,1,2-trifluo	117	1.591	1.590	0.001	94	113325	20.0	21.0	
17 2-Methyl-1,3-butadiene	53	1.596	1.595	0.001	90	86456	20.0	18.3	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.629	1.622	0.007	94	190725	20.0	20.8	
19 Acrolein	56	1.661	1.660	0.001	81	54640	40.1	60.7	
20 1,1-Dichloroethene	96	1.710	1.704	0.006	97	92672	20.0	15.9	
21 1,1,2-Trichloro-1,2,2-trif	101	1.710	1.709	0.001	97	101230	20.0	16.9	
22 Acetone	58	1.754	1.753	0.001	87	67643	100.0	86.9	
23 Iodomethane	127	1.797	1.797	0.000	99	22480	20.0	9.36	
24 Carbon disulfide	76	1.836	1.829	0.007	99	314268	20.0	16.7	
25 Isopropyl alcohol	45	1.852	1.851	0.001	98	95651	200.0	234.9	
27 3-Chloro-1-propene	76	1.917	1.916	0.001	93	76332	20.0	16.3	
26 Acetonitrile	38	1.923	1.916	0.007	84	37946	200.0	185.5	
28 Methyl acetate	74	1.944	1.944	0.000	100	41011	40.0	32.9	
29 Cyclopentene	67	1.966	1.965	0.001	97	237841	20.0	16.7	
30 Methylene Chloride	84	1.999	1.998	0.001	93	114180	20.0	15.8	
* 31 TBA-d9 (IS)	65	2.048	2.042	0.006	98	426062	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.097	2.096	0.001	99	129969	200.0	199.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.157	2.156	0.001	95	486727	200.0	232.7	
34 trans-1,2-Dichloroethene	96	2.162	2.161	0.001	95	113077	20.0	17.2	
35 Methyl tert-butyl ether	73	2.179	2.178	0.000	97	325630	20.0	20.4	
36 Hexane	57	2.347	2.346	0.001	94	125561	20.0	17.8	
37 1,1-Dichloroethane	63	2.445	2.444	0.001	100	213024	20.0	20.3	
38 Vinyl acetate	86	2.494	2.488	0.006	100	42971	40.0	32.9	
39 Isopropyl ether	45	2.505	2.504	0.001	86	418550	20.0	23.3	
40 2-Chloro-1,3-butadiene	88	2.505	2.504	0.001	90	108411	20.0	17.7	
41 Tert-butyl ethyl ether	59	2.772	2.771	0.001	89	342177	20.0	21.4	
* 42 2-Butanone-d5	46	2.848	2.847	0.001	0	495820	250.0	250.0	
43 2,2-Dichloropropane	97	2.864	2.863	0.001	91	36592	20.0	17.8	
44 cis-1,2-Dichloroethene	96	2.864	2.863	0.001	95	134399	20.0	19.0	
45 2-Butanone (MEK)	72	2.897	2.891	0.006	100	73700	100.0	82.8	
46 Propionitrile	52	2.941	2.934	0.007	95	39519	200.0	210.6	
47 Ethyl acetate	70	2.946	2.945	0.001	100	26941	40.0	32.6	
48 Methyl acrylate	55	2.968	2.967	0.001	100	146689	20.0	22.7	
49 Chlorobromomethane	128	3.049	3.049	0.000	95	66693	20.0	18.6	
50 Methacrylonitrile	67	3.055	3.054	0.001	92	549860	200.0	223.9	
51 Tetrahydrofuran	42	3.098	3.098	0.000	84	79925	40.0	37.1	
52 Chloroform	83	3.120	3.119	0.001	99	215841	20.0	20.2	
$ 53 Dibromofluoromethane (Surr	113	3.251	3.250	0.001	97	232785	50.0	48.7	
54 1,1,1-Trichloroethane	97	3.262	3.261	0.001	98	177614	20.0	19.7	
55 Cyclohexane	84	3.305	3.304	0.001	93	154982	20.0	18.7	
56 Carbon tetrachloride	117	3.398	3.397	0.001	98	153716	20.0	19.8	
57 1,1-Dichloropropene	75	3.403	3.402	0.001	97	163931	20.0	19.1	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.534	3.533	0.001	0	257798	50.0	52.2	
59 Isobutyl alcohol	74	3.577	3.577	0.000	97	37377	500.0	455.5	
60 Benzene	78	3.583	3.582	0.001	96	488382	20.0	20.8	
61 1,2-Dichloroethane	62	3.599	3.598	0.001	97	164970	20.0	20.6	
62 Isooctane	57	3.665	3.664	0.001	99	276709	20.0	20.1	
63 Isopropyl acetate	61	3.697	3.691	0.006	97	48398	20.0	20.8	
64 Tert-amyl methyl ether	87	3.703	3.702	0.001	92	101104	20.0	19.7	
* 65 Fluorobenzene	96	3.839	3.838	0.001	97	814210	50.0	50.0	
66 n-Heptane	43	3.850	3.849	0.001	94	118113	20.0	20.6	
67 Trichloroethene	95	4.193	4.192	0.001	98	127731	20.0	19.2	
68 n-Butanol	56	4.203	4.203	0.000	90	93781	500.0	547.1	
69 Ethyl acrylate	99	4.350	4.355	-0.005	98	18463	20.0	19.7	a
70 Methylcyclohexane	83	4.378	4.377	0.001	91	175304	20.0	19.1	a
71 1,2-Dichloropropane	63	4.416	4.420	-0.004	93	131006	20.0	20.7	
72 Dibromomethane	93	4.536	4.535	0.001	96	80335	20.0	19.4	
* 73 1,4-Dioxane-d8	96	4.541	4.540	0.001	0	54310	1000.0	1000.0	
74 1,4-Dioxane	88	4.595	4.589	0.006	31	34122	400.0	431.2	
75 Methyl methacrylate	100	4.590	4.595	-0.005	92	67459	40.0	40.2	
76 n-Propyl acetate	43	4.677	4.676	0.001	98	187025	20.0	25.7	
77 Dichlorobromomethane	83	4.721	4.720	0.001	99	166956	20.0	19.9	
78 2-Nitropropane	41	4.987	4.986	0.001	98	63571	40.0	46.4	
79 2-Chloroethyl vinyl ether	63	5.096	5.095	0.001	95	6566	20.0	17.6	
80 Epichlorohydrin	57	5.145	5.144	0.001	99	220952	400.0	381.8	
81 cis-1,3-Dichloropropene	75	5.232	5.231	0.001	93	206361	20.0	20.5	
82 4-Methyl-2-pentanone (MIBK	43	5.455	5.455	0.000	97	602670	100.0	102.8	
$ 83 Toluene-d8 (Surr)	98	5.537	5.536	0.001	100	866775	50.0	50.3	
84 Toluene	91	5.619	5.618	0.001	94	524076	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
85 trans-1,3-Dichloropropene	75	5.929	5.928	0.001	98	184157	20.0	20.3	
86 Ethyl methacrylate	69	6.103	6.102	0.001	91	156541	20.0	21.8	
87 1,1,2-Trichloroethane	83	6.147	6.146	0.001	94	101267	20.0	21.2	
88 Tetrachloroethene	166	6.294	6.293	0.001	99	136006	20.0	21.5	
89 1,3-Dichloropropane	76	6.354	6.353	0.001	95	192921	20.0	21.1	
90 2-Hexanone	43	6.533	6.532	0.001	96	426382	100.0	100.4	
91 Chlorodibromomethane	129	6.642	6.641	0.001	98	135576	20.0	21.0	
92 n-Butyl acetate	43	6.756	6.756	0.000	99	196618	20.0	25.3	
93 Ethylene Dibromide	107	6.756	6.761	-0.005	100	122393	20.0	20.9	
* 94 Chlorobenzene-d5	117	7.431	7.431	0.000	86	646900	50.0	50.0	
95 Chlorobenzene	112	7.470	7.469	0.001	94	340954	20.0	19.7	
96 1,1,1,2-Tetrachloroethane	131	7.611	7.610	0.001	96	123404	20.0	20.1	
97 Ethylbenzene	106	7.671	7.670	0.001	98	184352	20.0	20.1	
98 m-Xylene & p-Xylene	106	7.851	7.850	0.001	0	229847	20.0	20.2	
99 o-Xylene	106	8.433	8.432	0.001	94	220368	20.0	19.8	
100 Styrene	104	8.466	8.465	0.001	96	383399	20.0	20.5	
101 n-Butyl acrylate	73	8.531	8.530	0.001	97	97270	20.0	21.2	
102 Bromoform	173	8.689	8.688	0.001	96	94740	20.0	22.6	
103 Amyl acetate (mixed isomer	43	8.918	8.917	0.001	90	228831	20.0	24.4	
104 Isopropylbenzene	105	9.032	9.031	0.001	96	555518	20.0	20.8	
$ 105 4-Bromofluorobenzene	174	9.233	9.232	0.001	95	306833	50.0	54.6	
106 Bromobenzene	156	9.418	9.417	0.001	95	164042	20.0	20.6	
107 1,1,2,2-Tetrachloroethane	83	9.554	9.554	0.000	98	162873	20.0	20.9	
108 1,2,3-Trichloropropane	110	9.565	9.570	-0.005	98	44144	20.0	20.9	
109 trans-1,4-Dichloro-2-buten	53	9.647	9.646	0.001	91	43515	20.0	22.7	
110 N-Propylbenzene	91	9.690	9.690	0.000	99	688898	20.0	20.3	
111 2-Chlorotoluene	91	9.767	9.766	0.001	97	415995	20.0	19.9	
112 4-Ethyltoluene	105	9.892	9.891	0.001	99	576619	20.0	19.9	
113 4-Chlorotoluene	91	9.952	9.951	0.001	97	443951	20.0	20.4	
114 1,3,5-Trimethylbenzene	105	10.006	10.005	0.001	93	471245	20.0	19.7	
115 Butyl Methacrylate	87	10.300	10.299	0.001	91	177030	20.0	20.1	
116 tert-Butylbenzene	119	10.518	10.517	0.001	95	387500	20.0	19.9	
117 1,2,4-Trimethylbenzene	105	10.600	10.599	0.001	98	497583	20.0	19.7	
118 sec-Butylbenzene	105	10.883	10.882	0.001	99	565697	20.0	19.9	
119 1,3-Dichlorobenzene	146	10.981	10.980	0.001	96	306817	20.0	20.3	
* 120 1,4-Dichlorobenzene-d4	152	11.100	11.105	-0.005	95	391016	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.138	11.138	0.000	95	312818	20.0	20.1	
122 4-Isopropyltoluene	119	11.160	11.159	0.001	98	494202	20.0	19.8	
123 1,2,3-Trimethylbenzene	105	11.264	11.263	0.001	98	526011	20.0	19.9	
124 Benzyl chloride	126	11.378	11.383	-0.005	99	56879	20.0	18.1	
125 2,3-Dihydroindene	117	11.514	11.513	0.001	95	521801	20.0	20.1	
126 1,2-Dichlorobenzene	146	11.656	11.655	0.001	96	311650	20.0	20.7	
127 p-Diethylbenzene	119	11.715	11.715	0.000	91	276271	20.0	19.3	
128 n-Butylbenzene	92	11.737	11.742	-0.005	98	265234	20.0	19.9	
129 1,2-Dibromo-3-Chloropropan	75	12.581	12.580	0.001	95	33880	20.0	21.3	
130 1,2,4,5-Tetramethylbenzene	119	12.603	12.602	0.001	97	482263	20.0	19.8	
131 1,3,5-Trichlorobenzene	180	12.799	12.798	0.001	98	225739	20.0	21.0	
132 1,2,4-Trichlorobenzene	180	13.370	13.369	0.001	94	209237	20.0	20.9	
133 Hexachlorobutadiene	225	13.550	13.549	0.001	95	78000	20.0	22.9	
134 Naphthalene	128	13.572	13.571	0.001	99	522359	20.0	21.0	
135 1,2,3-Trichlorobenzene	180	13.779	13.778	0.001	96	198107	20.0	21.5	
S 137 1,2-Dichloroethene, Total	100				0		40.0	36.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	40.0	
S 139 Total BTEX	1				0		100.0	102.0	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00104	Amount Added:	20.00	Units: uL	
GASES Li_00331	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00104	Amount Added:	4.00	Units: uL	
524freon_00010	Amount Added:	20.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00201	Amount Added:	1.00	Units: uL	Run Reagent

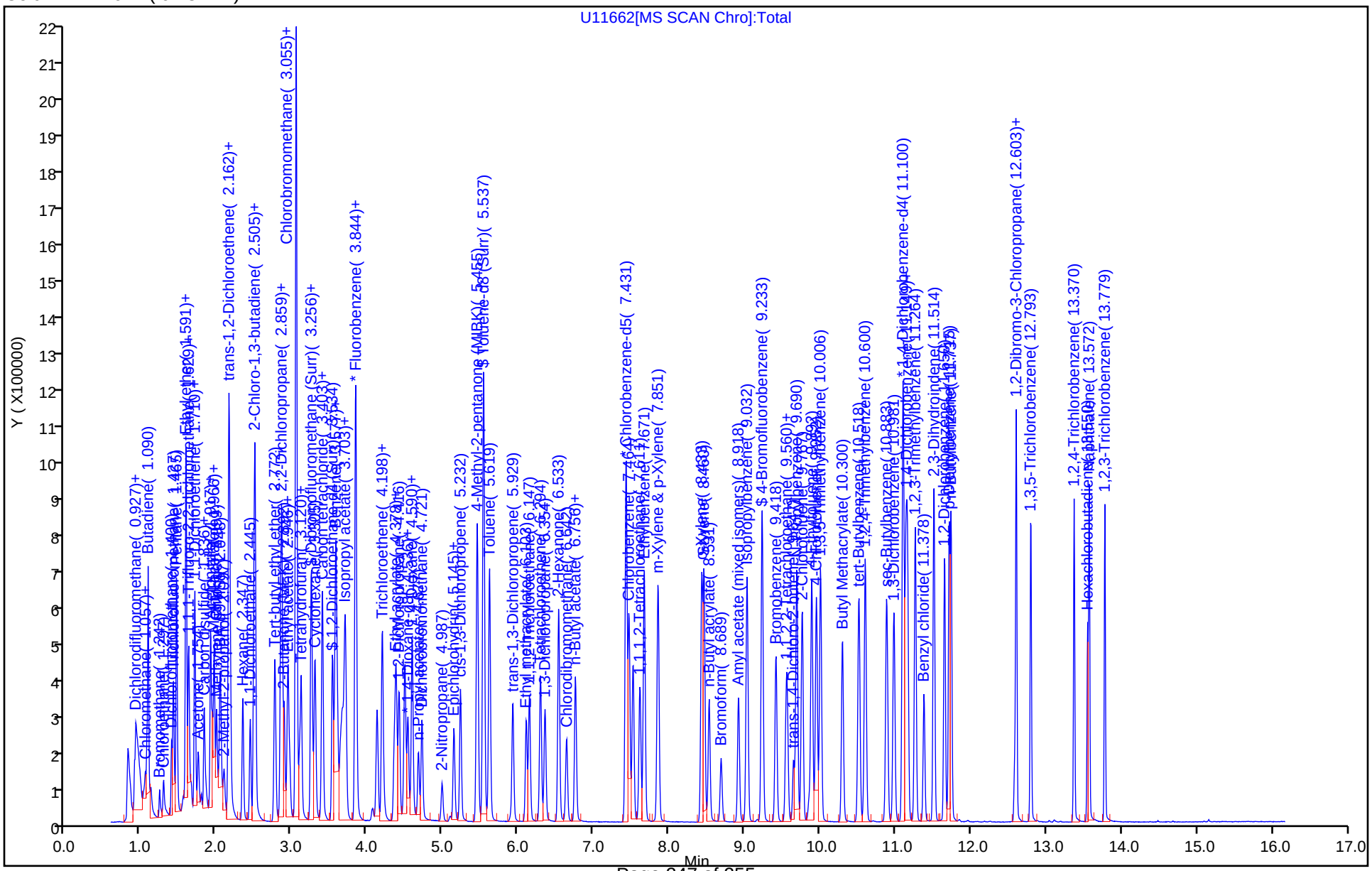
Report Date: 11-Sep-2019 14:07:57 Chrom Revision: 2.3 22-Aug-2019 12:55:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS16\20190911-97383.b\U11662.D

Injection Date:	11-Sep-2019 08:28:30	Instrument ID:	CVOAMS16	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260W_16	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Instrument ID: CVOAMS16 Start Date: 07/30/2019 11:35

Analysis Batch Number: 628277 End Date: 07/30/2019 18:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-628277/1		07/30/2019 11:35	1	U09959a.D	DB-624 0.18(mm)
STD7 460-628277/4 IC		07/30/2019 12:49	1	U09962a.D	DB-624 0.18(mm)
STD1 460-628277/5 IC		07/30/2019 13:15	1	U09963a.D	DB-624 0.18(mm)
STD5 460-628277/6 IC		07/30/2019 13:40	1	U09964a.D	DB-624 0.18(mm)
STD20 460-628277/7 ICIS		07/30/2019 14:04	1	U09965a.D	DB-624 0.18(mm)
STD50 460-628277/8 IC		07/30/2019 14:29	1	U09966a.D	DB-624 0.18(mm)
STD200 460-628277/9 IC		07/30/2019 14:54	1	U09967a.D	DB-624 0.18(mm)
STD500 460-628277/10 IC		07/30/2019 15:18	1	U09968a.D	DB-624 0.18(mm)
ICV 460-628277/16		07/30/2019 18:29	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Instrument ID: CVOAMS16 Start Date: 09/11/2019 06:43

Analysis Batch Number: 638407 End Date: 09/11/2019 17:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-638407/1		09/11/2019 06:43	1	U11658.D	DB-624 0.18(mm)
CCVIS 460-638407/3		09/11/2019 07:30	1	U11660.D	DB-624 0.18(mm)
LCS 460-638407/4		09/11/2019 08:03	1	U11661.D	DB-624 0.18(mm)
LCSD 460-638407/5		09/11/2019 08:28	1	U11662.D	DB-624 0.18(mm)
MB 460-638407/9		09/11/2019 10:11	1	U11666.D	DB-624 0.18(mm)
ZZZZZ		09/11/2019 10:36	1		DB-624 0.18(mm)
ZZZZZ		09/11/2019 11:02	1		DB-624 0.18(mm)
ZZZZZ		09/11/2019 11:27	1		DB-624 0.18(mm)
ZZZZZ		09/11/2019 11:52	1		DB-624 0.18(mm)
ZZZZZ		09/11/2019 12:17	1		DB-624 0.18(mm)
ZZZZZ		09/11/2019 12:42	1		DB-624 0.18(mm)
ZZZZZ		09/11/2019 13:07	1		DB-624 0.18(mm)
ZZZZZ		09/11/2019 13:32	1		DB-624 0.18(mm)
460-190672-2		09/11/2019 13:57	1	U11675.D	DB-624 0.18(mm)
460-190672-1		09/11/2019 14:23	1	U11676.D	DB-624 0.18(mm)
460-190672-3		09/11/2019 14:48	1	U11677.D	DB-624 0.18(mm)
460-190672-4		09/11/2019 15:14	1	U11678.D	DB-624 0.18(mm)
460-190672-5		09/11/2019 15:40	1	U11679.D	DB-624 0.18(mm)
ZZZZZ		09/11/2019 16:06	1		DB-624 0.18(mm)
ZZZZZ		09/11/2019 16:31	1		DB-624 0.18(mm)
ZZZZZ		09/11/2019 16:56	25		DB-624 0.18(mm)
ZZZZZ		09/11/2019 17:21	50		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Batch Number: 638407 Batch Start Date: 09/11/19 06:43 Batch Analyst: Moroney, Christopher J

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00010	8260ISNEW 00119	8260MIX1COMB 00104	8260SURR250 00201
BFB 460-638407/1		8260C		5 mL	5 mL				
CCVIS 460-638407/3		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCS 460-638407/4		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCSD 460-638407/5		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
MB 460-638407/9		8260C		5 mL	5 mL		1 uL		1 uL
460-190672-A-2	K710-TB-09062019	8260C	T	5 mL	5 mL		1 uL		1 uL
460-190672-A-1	K710-EB-09062019	8260C	T	5 mL	5 mL		1 uL		1 uL
460-190672-A-3	K710-MW-1	8260C	T	5 mL	5 mL		1 uL		1 uL
460-190672-A-4	K710-DUP-09062019	8260C	T	5 mL	5 mL		1 uL		1 uL
460-190672-A-5	K710-MW-2	8260C	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN SP 00104	BFB 00021	GASES Li 00331			
BFB 460-638407/1		8260C			1 uL				
CCVIS 460-638407/3		8260C		4 uL		20 uL			
LCS 460-638407/4		8260C		4 uL		20 uL			
LCSD 460-638407/5		8260C		4 uL		20 uL			
MB 460-638407/9		8260C							
460-190672-A-2	K710-TB-09062019	8260C	T						
460-190672-A-1	K710-EB-09062019	8260C	T						
460-190672-A-3	K710-MW-1	8260C	T						
460-190672-A-4	K710-DUP-09062019	8260C	T						
460-190672-A-5	K710-MW-2	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.: 460-190672-1

SDG No.:

Batch Number: 638407 Batch Start Date: 09/11/19 06:43 Batch Analyst: Moroney, Christopher J

Batch 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.

Shipping and Receiving Documents

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

eurofins | Environment Testing TestAmerica

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice) Lindsay O'Hara	Samplers Name (Printed) Sawyer Karyn	Site/Project Identification K-710-168 8th St Bklyn, NY
Company TRC Engineers Inc	P. O. # 330553 TRC SCA	State (Location of site): NJ: ☐ NY: ☒ Other:
Address 1430 Broadway 17th Fl		Regulatory Program: NYSDEC ASP DKQP: ☐
City New York State NY 10018		
Phone 917-809-9372 Email		

Analysis Turnaround Time
Standard ☒ (5) days
Rush Charges Authorized For:
3 Day ☐
2 Day ☐
Other ☐ _____

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST) Cat B Equiv EDD

Sample Identification	Date	Time	Matrix	No. of Cont.	Chlorinated VOCs	Sample Numbers
K710-EB-09062019	9/06/19	0945	AQ	2	X	1
K710-TB-09062019		—	AQ	2	X	2
K710-TMW-1		1020	GW	3	X	3
K710-DUP-09062019		1120	GW	3	X	4
K710-MW-2	↓	1220	GW	3	X	5

5-Day RUSH

460-190672 Chain of Custody

LAB USE ONLY
Project No:
Job No: 190672

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil: —
Water: HCl

Special Instructions X Reference email for lists & chlorinated VOCs

Water Metals Field Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	TRC	9/06 1330	1)	T+A
2)	T+A	9/6/19 2015	2)	
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0715)

Massachusetts (M-NJ312), North Carolina (No. 578) 2.1 / 2.1 thf

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 190672

Number of Coolers: 1 IR Gun #: 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.1 °C	2.1 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

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

Initials: _____ Date: 9/6/19

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 460-190672-1

Login Number: 190672
List Number: 1
Creator: Jara, Kelly D

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing TestAmerica

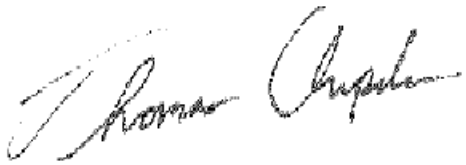
ANALYTICAL REPORT

Job Number: 460-197839-1

Job Description: K710 168 8th Street, Brooklyn-NYSCA

For:
TRC Environmental Corporation
1430 Broadway, 10th FL
New York, NY 10018-3308

Attention: Lindsay O'Hara



Approved for release.
Thomas A Chupela
Project Management Assistant I
12/4/2019 3:37 PM

Designee for
Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
melissa.haas@testamericainc.com
12/04/2019

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 LAO00132

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

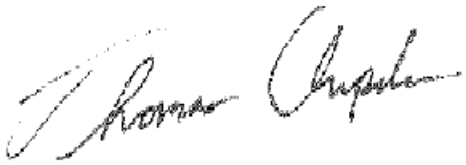
This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins TestAmerica, Edison
777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com

Job Number: 460-197839-1

Job Description: K710 168 8th Street, Brooklyn-NYSCA

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



Approved for release.
Thomas A Chupela
Project Management Assistant I
12/4/2019 3:37 PM

Designee for
Melissa Haas

Table of Contents

Cover Title Page 1

Data Summaries 5

- Report Narrative 5
- Sample Summary 6
- Detection Summary 7
- Method Summary 8
- Client Sample Results 9
- Surrogate Summary 12
- QC Sample Results 13
- Definitions 15
- QC Association 16
- Chronicle 17
- Certification Summary 18

Organic Sample Data 19

- GC/MS VOA 19
  - 8260C 19
    - 8260C QC Summary 20
    - 8260C Sample Data 28
    - Standards Data 49
      - 8260C ICAL Data 49
      - 8260C CCAL Data 323
    - Raw QC Data 336
      - 8260C Tune Data 336
      - 8260C Blank Data 342
      - 8260C LCS/LCSD Data 345
    - 8260C Run Logs 357

Table of Contents

8260C Prep Data 359

Shipping and Receiving Documents 361

Client Chain of Custody 362

Sample Receipt Checklist 364

CASE NARRATIVE

Client: TRC Environmental Corporation

Project: K710 168 8th Street, Brooklyn-NYSCA

Report Number: 460-197839-1

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 12/2/2019 7:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

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

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples K710-EB-12022019 (460-197839-1), K710-TB-12022019 (460-197839-2), K710-MW-1 (460-197839-3), K710-MW-2 (460-197839-4) and K710-DUP-12022019 (460-197839-5) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 12/03/2019.

The continuing calibration verification (CCV) analyzed in batch 460-659639 was outside the method criteria for the following analyte(s): Carbon tetrachloride. 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.

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.

Sample Summary

Client: TRC Environmental Corporation
Job ID: 460-197839-1
Project/Site: K710 168 8th Street, Brooklyn-NYSCA

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-197839-1	K710-EB-12022019	Water	12/02/19 09:25	12/02/19 19:20	
460-197839-2	K710-TB-12022019	Water	12/02/19 08:00	12/02/19 19:20	
460-197839-3	K710-MW-1	Water	12/02/19 12:47	12/02/19 19:20	
460-197839-4	K710-MW-2	Water	12/02/19 10:26	12/02/19 19:20	
460-197839-5	K710-DUP-12022019	Water	12/02/19 10:26	12/02/19 19:20	

Detection Summary

Client: TRC Environmental Corporation
Job ID: 460-197839-1
Project/Site: K710 168 8th Street, Brooklyn-NYSCA

Client Sample ID: K710-EB-12022019
Lab Sample ID: 460-197839-1

No Detections.

Client Sample ID: K710-TB-12022019
Lab Sample ID: 460-197839-2

No Detections.

Client Sample ID: K710-MW-1
Lab Sample ID: 460-197839-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.88	J	1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	0.98	J	1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: K710-MW-2
Lab Sample ID: 460-197839-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.95	J	1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	1.8		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: K710-DUP-12022019
Lab Sample ID: 460-197839-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.98	J	1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	1.7		1.0	0.31	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Job ID: 460-197839-1
Project/Site: K710 168 8th Street, Brooklyn-NYSCA

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: K710-EB-12022019
Lab Sample ID: 460-197839-1

Date Collected: 12/02/19 09:25
Matrix: Water
Date Received: 12/02/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/03/19 10:15	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/03/19 10:15	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/03/19 10:15	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/03/19 10:15	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/03/19 10:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			12/03/19 10:15	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			12/03/19 10:15	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			12/03/19 10:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/03/19 10:15	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			12/03/19 10:15	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			12/03/19 10:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*74 - 132*		*12/03/19 10:15*	*1*
4-Bromofluorobenzene	*95*		*77 - 124*		*12/03/19 10:15*	*1*
Dibromofluoromethane (Surr)	*95*		*72 - 131*		*12/03/19 10:15*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*12/03/19 10:15*	*1*

Client Sample ID: K710-TB-12022019
Lab Sample ID: 460-197839-2

Date Collected: 12/02/19 08:00
Matrix: Water
Date Received: 12/02/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/03/19 10:39	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/03/19 10:39	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/03/19 10:39	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/03/19 10:39	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/03/19 10:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			12/03/19 10:39	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			12/03/19 10:39	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			12/03/19 10:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/03/19 10:39	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			12/03/19 10:39	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			12/03/19 10:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*74 - 132*		*12/03/19 10:39*	*1*
4-Bromofluorobenzene	*97*		*77 - 124*		*12/03/19 10:39*	*1*
Dibromofluoromethane (Surr)	*96*		*72 - 131*		*12/03/19 10:39*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/03/19 10:39*	*1*

Client Sample ID: K710-MW-1
Lab Sample ID: 460-197839-3

Date Collected: 12/02/19 12:47
Matrix: Water
Date Received: 12/02/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/03/19 11:27	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/03/19 11:27	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/03/19 11:27	1

Client Sample ID: K710-MW-1
Lab Sample ID: 460-197839-3
Date Collected: 12/02/19 12:47
Matrix: Water
Date Received: 12/02/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/03/19 11:27	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/03/19 11:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			12/03/19 11:27	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			12/03/19 11:27	1
Tetrachloroethene	**0.88**	**J**	1.0	0.25	ug/L			12/03/19 11:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/03/19 11:27	1
Trichloroethene	**0.98**	**J**	1.0	0.31	ug/L			12/03/19 11:27	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			12/03/19 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*74 - 132*		*12/03/19 11:27*	*1*
4-Bromofluorobenzene	*96*		*77 - 124*		*12/03/19 11:27*	*1*
Dibromofluoromethane (Surr)	*93*		*72 - 131*		*12/03/19 11:27*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*12/03/19 11:27*	*1*

Client Sample ID: K710-MW-2
Lab Sample ID: 460-197839-4
Date Collected: 12/02/19 10:26
Matrix: Water
Date Received: 12/02/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/03/19 11:51	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/03/19 11:51	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/03/19 11:51	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/03/19 11:51	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/03/19 11:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			12/03/19 11:51	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			12/03/19 11:51	1
Tetrachloroethene	**0.95**	**J**	1.0	0.25	ug/L			12/03/19 11:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/03/19 11:51	1
Trichloroethene	**1.8**		1.0	0.31	ug/L			12/03/19 11:51	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			12/03/19 11:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*74 - 132*		*12/03/19 11:51*	*1*
4-Bromofluorobenzene	*95*		*77 - 124*		*12/03/19 11:51*	*1*
Dibromofluoromethane (Surr)	*96*		*72 - 131*		*12/03/19 11:51*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/03/19 11:51*	*1*

Client Sample ID: K710-DUP-12022019
Lab Sample ID: 460-197839-5
Date Collected: 12/02/19 10:26
Matrix: Water
Date Received: 12/02/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/03/19 12:15	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/03/19 12:15	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/03/19 12:15	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/03/19 12:15	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/03/19 12:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			12/03/19 12:15	1

Client Sample ID: K710-DUP-12022019
Lab Sample ID: 460-197839-5

Date Collected: 12/02/19 10:26
Matrix: Water
Date Received: 12/02/19 19:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.32	ug/L			12/03/19 12:15	1
Tetrachloroethene	**0.98**	**J**	1.0	0.25	ug/L			12/03/19 12:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/03/19 12:15	1
Trichloroethene	**1.7**		1.0	0.31	ug/L			12/03/19 12:15	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			12/03/19 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*74 - 132*		*12/03/19 12:15*	*1*
4-Bromofluorobenzene	*97*		*77 - 124*		*12/03/19 12:15*	*1*
Dibromofluoromethane (Surr)	*94*		*72 - 131*		*12/03/19 12:15*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/03/19 12:15*	*1*

Surrogate Summary

Client: TRC Environmental Corporation
Job ID: 460-197839-1
Project/Site: K710 168 8th Street, Brooklyn-NYSCA

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(74-132)	(77-124)	(72-131)	(80-120)
460-197839-1	K710-EB-12022019	98	95	95	97
460-197839-2	K710-TB-12022019	97	97	96	98
460-197839-3	K710-MW-1	97	96	93	97
460-197839-4	K710-MW-2	97	95	96	99
460-197839-5	K710-DUP-12022019	96	97	94	99
LCS 460-659639/3	Lab Control Sample	96	96	96	98
LCSD 460-659639/4	Lab Control Sample Dup	95	96	96	98
MB 460-659639/7	Method Blank	96	96	94	99

Surrogate Legend

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

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

Lab Sample ID: MB 460-659639/7
Matrix: Water
Analysis Batch: 659639

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/03/19 08:38	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/03/19 08:38	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/03/19 08:38	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/03/19 08:38	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/03/19 08:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			12/03/19 08:38	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			12/03/19 08:38	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			12/03/19 08:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/03/19 08:38	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			12/03/19 08:38	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			12/03/19 08:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*74 - 132*		*12/03/19 08:38*	*1*
4-Bromofluorobenzene	*96*		*77 - 124*		*12/03/19 08:38*	*1*
Dibromofluoromethane (Surr)	*94*		*72 - 131*		*12/03/19 08:38*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/03/19 08:38*	*1*

Lab Sample ID: LCS 460-659639/3
Matrix: Water
Analysis Batch: 659639

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	17.5		ug/L		87	75 - 125
1,1-Dichloroethane	20.0	20.8		ug/L		104	77 - 123
1,1-Dichloroethene	20.0	18.7		ug/L		93	74 - 123
Carbon tetrachloride	20.0	15.5		ug/L		77	70 - 132
Chloromethane	20.0	16.3		ug/L		82	56 - 131
cis-1,2-Dichloroethene	20.0	18.9		ug/L		94	80 - 120
Methylene Chloride	20.0	19.5		ug/L		98	77 - 123
Tetrachloroethene	20.0	19.3		ug/L		96	78 - 122
trans-1,2-Dichloroethene	20.0	19.2		ug/L		96	79 - 120
Trichloroethene	20.0	17.4		ug/L		87	77 - 120
Vinyl chloride	20.0	20.7		ug/L		104	62 - 138

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*74 - 132*
4-Bromofluorobenzene	*96*		*77 - 124*
Dibromofluoromethane (Surr)	*96*		*72 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 460-659639/4
Matrix: Water
Analysis Batch: 659639

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	75 - 125	3	30
1,1-Dichloroethane	20.0	20.7		ug/L		104	77 - 123	0	30

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

Lab Sample ID: LCSD 460-659639/4
Matrix: Water
Analysis Batch: 659639

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-Dichloroethene			20.0	18.9		ug/L		95	74 - 123	2	30
Carbon tetrachloride			20.0	16.1		ug/L		80	70 - 132	4	30
Chloromethane			20.0	17.0		ug/L		85	56 - 131	4	30
cis-1,2-Dichloroethene			20.0	19.8		ug/L		99	80 - 120	5	30
Methylene Chloride			20.0	20.2		ug/L		101	77 - 123	3	30
Tetrachloroethene			20.0	19.1		ug/L		96	78 - 122	1	30
trans-1,2-Dichloroethene			20.0	19.4		ug/L		97	79 - 120	1	30
Trichloroethene			20.0	17.1		ug/L		86	77 - 120	1	30
Vinyl chloride			20.0	21.4		ug/L		107	62 - 138	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*74 - 132*
4-Bromofluorobenzene	*96*		*77 - 124*
Dibromofluoromethane (Surr)	*96*		*72 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
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: TRC Environmental Corporation
Job ID: 460-197839-1
Project/Site: K710 168 8th Street, Brooklyn-NYSCA

GC/MS VOA

Analysis Batch: 659639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-197839-1	K710-EB-12022019	Total/NA	Water	8260C	
460-197839-2	K710-TB-12022019	Total/NA	Water	8260C	
460-197839-3	K710-MW-1	Total/NA	Water	8260C	
460-197839-4	K710-MW-2	Total/NA	Water	8260C	
460-197839-5	K710-DUP-12022019	Total/NA	Water	8260C	
MB 460-659639/7	Method Blank	Total/NA	Water	8260C	
LCS 460-659639/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-659639/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Lab Chronicle

Client: TRC Environmental Corporation
Job ID: 460-197839-1
Project/Site: K710 168 8th Street, Brooklyn-NYSCA

Client Sample ID: K710-EB-12022019
Lab Sample ID: 460-197839-1
Date Collected: 12/02/19 09:25
Matrix: Water
Date Received: 12/02/19 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	659639	12/03/19 10:15	SZD	TAL EDI

Client Sample ID: K710-TB-12022019
Lab Sample ID: 460-197839-2
Date Collected: 12/02/19 08:00
Matrix: Water
Date Received: 12/02/19 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	659639	12/03/19 10:39	SZD	TAL EDI

Client Sample ID: K710-MW-1
Lab Sample ID: 460-197839-3
Date Collected: 12/02/19 12:47
Matrix: Water
Date Received: 12/02/19 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	659639	12/03/19 11:27	SZD	TAL EDI

Client Sample ID: K710-MW-2
Lab Sample ID: 460-197839-4
Date Collected: 12/02/19 10:26
Matrix: Water
Date Received: 12/02/19 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	659639	12/03/19 11:51	SZD	TAL EDI

Client Sample ID: K710-DUP-12022019
Lab Sample ID: 460-197839-5
Date Collected: 12/02/19 10:26
Matrix: Water
Date Received: 12/02/19 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	659639	12/03/19 12:15	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: TRC Environmental Corporation
Job ID: 460-197839-1
Project/Site: K710 168 8th Street, Brooklyn-NYSCA

Laboratory: Eurofins TestAmerica, Edison

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

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

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
K710-EB-12022019	460-197839-1	95	98	97	95
K710-TB-12022019	460-197839-2	96	97	98	97
K710-MW-1	460-197839-3	93	97	97	96
K710-MW-2	460-197839-4	96	97	99	95
K710-DUP-12022019	460-197839-5	94	96	99	97
	MB 460-659639/7	94	96	99	96
	LCS 460-659639/3	96	96	98	96
	LCSD 460-659639/4	96	95	98	96

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

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T26832.D

Lab ID: LCS 460-659639/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.5	87	75-125	
1,1-Dichloroethane	20.0	20.8	104	77-123	
1,1-Dichloroethene	20.0	18.7	93	74-123	
Carbon tetrachloride	20.0	15.5	77	70-132	
Chloromethane	20.0	16.3	82	56-131	
cis-1,2-Dichloroethene	20.0	18.9	94	80-120	
Methylene Chloride	20.0	19.5	98	77-123	
Tetrachloroethene	20.0	19.3	96	78-122	
trans-1,2-Dichloroethene	20.0	19.2	96	79-120	
Trichloroethene	20.0	17.4	87	77-120	
Vinyl chloride	20.0	20.7	104	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T26833.D

Lab ID: LCSD 460-659639/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.0	90	3	30	75-125	
1,1-Dichloroethane	20.0	20.7	104	0	30	77-123	
1,1-Dichloroethene	20.0	18.9	95	2	30	74-123	
Carbon tetrachloride	20.0	16.1	80	4	30	70-132	
Chloromethane	20.0	17.0	85	4	30	56-131	
cis-1,2-Dichloroethene	20.0	19.8	99	5	30	80-120	
Methylene Chloride	20.0	20.2	101	3	30	77-123	
Tetrachloroethene	20.0	19.1	96	1	30	78-122	
trans-1,2-Dichloroethene	20.0	19.4	97	1	30	79-120	
Trichloroethene	20.0	17.1	86	1	30	77-120	
Vinyl chloride	20.0	21.4	107	3	30	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Lab File ID: T26836.D Lab Sample ID: MB 460-659639/7

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

Instrument ID: CVOAMS15 Date Analyzed: 12/03/2019 08:38

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-659639/3	T26832.D	12/03/2019 07:02
	LCSD 460-659639/4	T26833.D	12/03/2019 07:26
K710-EB-12022019	460-197839-1	T26840.D	12/03/2019 10:15
K710-TB-12022019	460-197839-2	T26841.D	12/03/2019 10:39
K710-MW-1	460-197839-3	T26843.D	12/03/2019 11:27
K710-MW-2	460-197839-4	T26844.D	12/03/2019 11:51
K710-DUP-12022019	460-197839-5	T26845.D	12/03/2019 12:15

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Lab File ID: T23579.D BFB Injection Date: 10/03/2019

Instrument ID: CVOAMS15 BFB Injection Time: 21:27

Analysis Batch No.: 644351

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.8	
75	30.0 - 60.0 % of mass 95	49.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	75.3	
175	5.0 - 9.0 % of mass 174	6.7	(8.9) 1
176	95.0 - 101.0 % of mass 174	72.7	(96.5) 1
177	5.0 - 9.0 % of mass 176	5.1	(7.0) 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 460-644351/3	T23581.D	10/03/2019	22:42
	STD05 460-644351/4	T23582.D	10/03/2019	23:06
	STD1 460-644351/5	T23583.D	10/03/2019	23:30
	STD5 460-644351/6	T23584.D	10/03/2019	23:55
	STD20 460-644351/7	T23585.D	10/04/2019	00:19
	STD50 460-644351/8	T23586.D	10/04/2019	00:43
	STD200 460-644351/9	T23587.D	10/04/2019	01:29
	STD500 460-644351/10	T23588.D	10/04/2019	01:53

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Lab File ID: T26830.D BFB Injection Date: 12/03/2019

Instrument ID: CVOAMS15 BFB Injection Time: 06:15

Analysis Batch No.: 659639

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.7	
75	30.0 - 60.0 % of mass 95	48.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.9	
173	Less than 2.0 % of mass 174	0.5	(0.7) 1
174	50.0 - 120.00 % of mass 95	73.6	
175	5.0 - 9.0 % of mass 174	5.8	(7.8) 1
176	95.0 - 101.0 % of mass 174	71.5	(97.1) 1
177	5.0 - 9.0 % of mass 176	4.6	(6.4) 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 460-659639/2	T26831.D	12/03/2019	06:38
	LCS 460-659639/3	T26832.D	12/03/2019	07:02
	LCSD 460-659639/4	T26833.D	12/03/2019	07:26
	MB 460-659639/7	T26836.D	12/03/2019	08:38
K710-EB-12022019	460-197839-1	T26840.D	12/03/2019	10:15
K710-TB-12022019	460-197839-2	T26841.D	12/03/2019	10:39
K710-MW-1	460-197839-3	T26843.D	12/03/2019	11:27
K710-MW-2	460-197839-4	T26844.D	12/03/2019	11:51
K710-DUP-12022019	460-197839-5	T26845.D	12/03/2019	12:15

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Sample No.: CCVIS 460-659639/2 Date Analyzed: 12/03/2019 06:38

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T26831.D Heated Purge: (Y/N) N

Calibration ID: 76998

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		44545	1.63	350215	2.38	646342	3.34
UPPER LIMIT		89090	2.13	700430	2.88	1292684	3.84
LOWER LIMIT		22273	1.13	175108	1.88	323171	2.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-659639/3		45979	1.64	347957	2.38	629492	3.34
LCSD 460-659639/4		46068	1.64	341014	2.38	636252	3.34
MB 460-659639/7		45330	1.63	331041	2.38	646751	3.34
460-197839-1	K710-EB-12022019	44110	1.64	342860	2.39	647557	3.34
460-197839-2	K710-TB-12022019	44168	1.64	335268	2.38	646197	3.34
460-197839-3	K710-MW-1	42283	1.64	334355	2.38	639793	3.34
460-197839-4	K710-MW-2	43843	1.63	336283	2.38	648912	3.34
460-197839-5	K710-DUP-12022019	41735	1.63	329695	2.38	653270	3.34

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

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Sample No.: CCVIS 460-659639/2 Date Analyzed: 12/03/2019 06:38

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T26831.D Heated Purge: (Y/N) N

Calibration ID: 76998

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		35064	4.00	479955	6.83	216483	10.47
UPPER LIMIT		70128	4.50	959910	7.33	432966	10.97
LOWER LIMIT		17532	3.50	239978	6.33	108242	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-659639/3		35533	4.01	475093	6.84	214097	10.47
LCSD 460-659639/4		35095	4.01	478893	6.84	215680	10.47
MB 460-659639/7		33886	4.00	474117	6.84	211844	10.47
460-197839-1	K710-EB-12022019	33661	4.00	482617	6.84	213414	10.47
460-197839-2	K710-TB-12022019	33355	4.00	475872	6.83	214453	10.47
460-197839-3	K710-MW-1	33557	4.00	477821	6.83	213453	10.47
460-197839-4	K710-MW-2	35491	4.00	476748	6.83	214827	10.47
460-197839-5	K710-DUP-12022019	33659	4.00	477797	6.83	215781	10.47

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Client Sample ID: K710-EB-12022019 Lab Sample ID: 460-197839-1

Matrix: Water Lab File ID: T26840.D

Analysis Method: 8260C Date Collected: 12/02/2019 09:25

Sample wt/vol: 5(mL) Date Analyzed: 12/03/2019 10:15

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 659639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	95		72-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26840.D
Lims ID: 460-197839-B-1
Client ID: K710-EB-12022019
Sample Type: Client
Inject. Date: 03-Dec-2019 10:15:22 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-197839-B-1
Misc. Info.: 460-0102184-011
Operator ID: Instrument ID: CVOAMS15

Method: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Dec-2019 00:19:53 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0303

First Level Reviewer: desais Date: 03-Dec-2019 11:33:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.635	1.634	0.001	100	44110	1000.0	
* 42 2-Butanone-d5	46	2.385	2.384	0.000	99	342860	250.0	
$ 53 Dibromofluoromethane (Surr	113	2.775	2.768	0.007	95	175794	47.3	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	96	179935	49.1	
* 65 Fluorobenzene	96	3.336	3.335	0.001	99	647557	50.0	
* 73 1,4-Dioxane-d8	96	4.000	4.000	0.000	19	33661	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.982	4.975	0.007	99	619030	48.5	
* 94 Chlorobenzene-d5	117	6.835	6.829	0.006	83	482617	50.0	
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	171544	47.4	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	96	213414	50.0	

Reagents:

VOA6IS/SURR_00030 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 04-Dec-2019 10:57:27 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26840.D

Injection Date: 03-Dec-2019 10:15:22 Instrument ID: CVOAMS15

Lims ID: 460-197839-B-1 Lab Sample ID: 460-197839-1

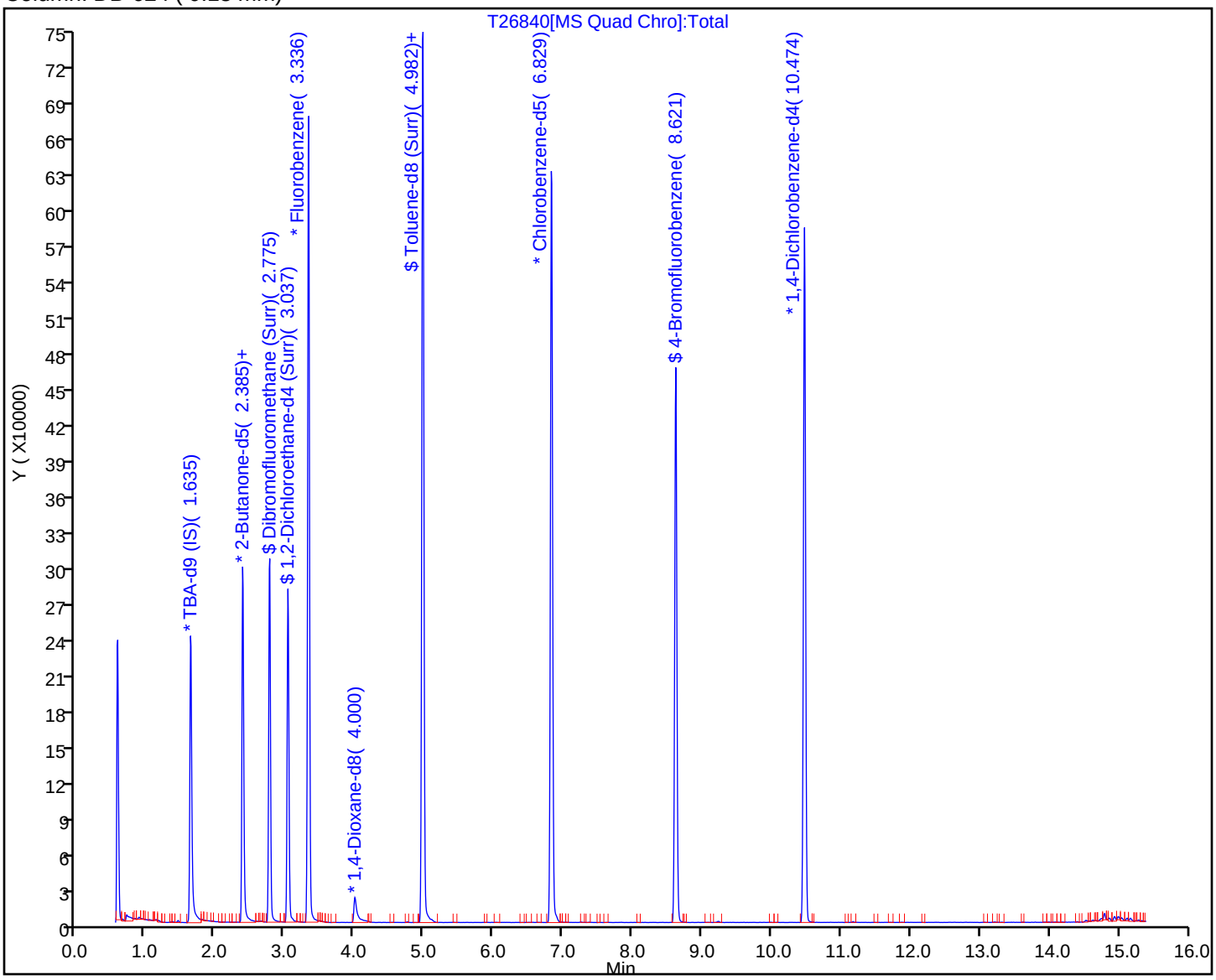
Client ID: K710-EB-12022019

Operator ID: ALS Bottle#: 0 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Client Sample ID: K710-TB-12022019 Lab Sample ID: 460-197839-2

Matrix: Water Lab File ID: T26841.D

Analysis Method: 8260C Date Collected: 12/02/2019 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/03/2019 10:39

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 659639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	97		77-124
1868-53-7	Dibromofluoromethane (Surr)	96		72-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26841.D				
Lims ID:	460-197839-B-2				
Client ID:	K710-TB-12022019				
Sample Type:	Client				
Inject. Date:	03-Dec-2019 10:39:19	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-197839-B-2				
Misc. Info.:	460-0102184-012				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\8260W_15.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	04-Dec-2019 00:19:53	Calib Date:	04-Oct-2019 01:53:51		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX0303				
First Level Reviewer: desais		Date:	03-Dec-2019 11:33:50		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.635	1.634	0.001	100	44168	1000.0	
* 42 2-Butanone-d5	46	2.384	2.384	0.000	99	335268	250.0	
$ 53 Dibromofluoromethane (Surr	113	2.775	2.768	0.007	96	177274	47.8	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	96	178144	48.7	
* 65 Fluorobenzene	96	3.335	3.335	0.000	99	646197	50.0	
* 73 1,4-Dioxane-d8	96	4.000	4.000	0.000	23	33355	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.981	4.975	0.006	99	619841	49.2	
* 94 Chlorobenzene-d5	117	6.829	6.829	0.000	86	475872	50.0	
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	172825	48.5	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	96	214453	50.0	

Reagents:

VOA6IS/SURR_00030 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 04-Dec-2019 10:57:45 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26841.D

Injection Date: 03-Dec-2019 10:39:19 Instrument ID: CVOAMS15

Lims ID: 460-197839-B-2 Lab Sample ID: 460-197839-2

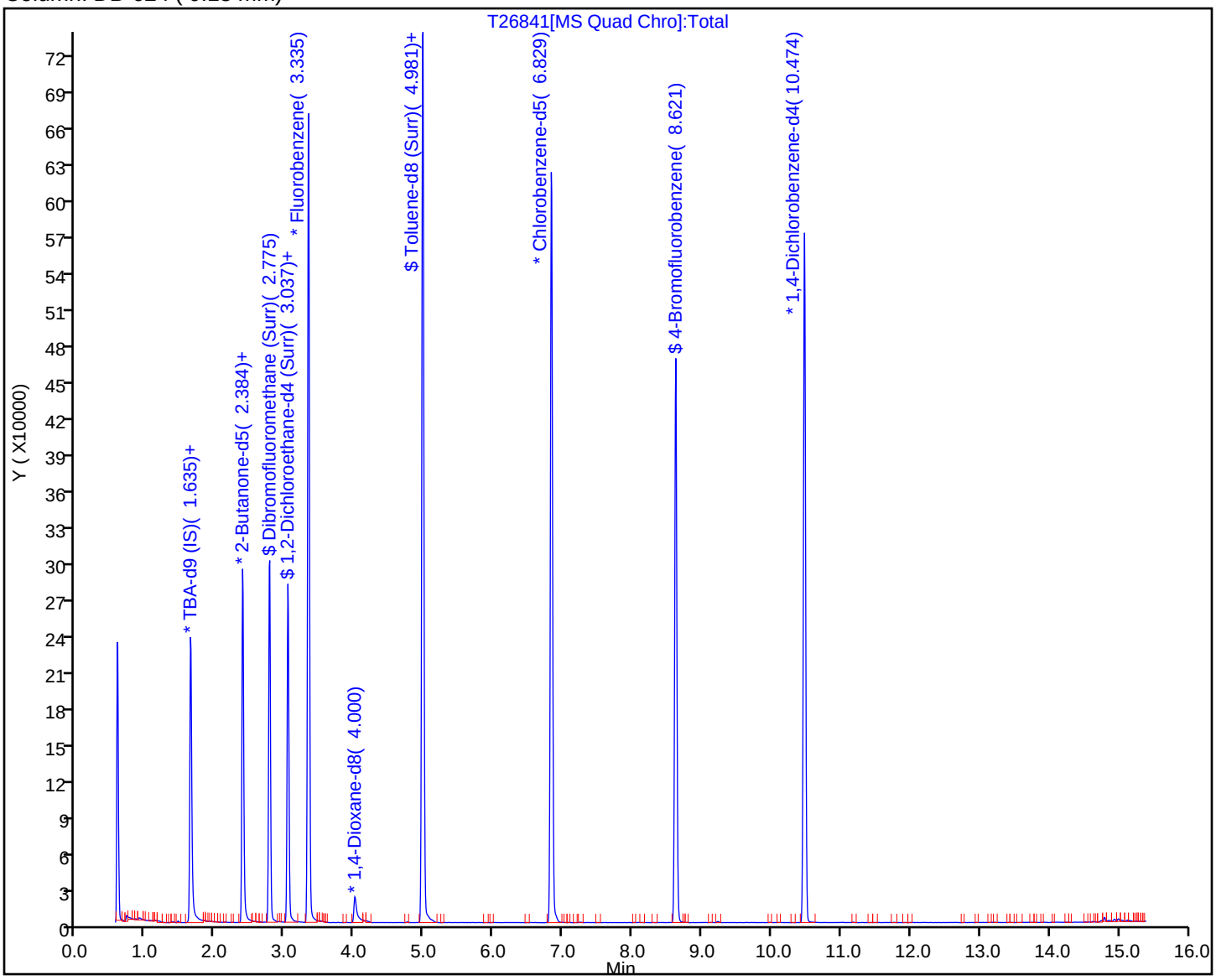
Client ID: K710-TB-12022019

Operator ID: ALS Bottle#: 0 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Client Sample ID: K710-MW-1 Lab Sample ID: 460-197839-3

Matrix: Water Lab File ID: T26843.D

Analysis Method: 8260C Date Collected: 12/02/2019 12:47

Sample wt/vol: 5(mL) Date Analyzed: 12/03/2019 11:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 659639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	0.88	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	0.98	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	96		77-124
1868-53-7	Dibromofluoromethane (Surr)	93		72-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26843.D
Lims ID: 460-197839-C-3
Client ID: K710-MW-1
Sample Type: Client
Inject. Date: 03-Dec-2019 11:27:17 ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-197839-C-3
Misc. Info.: 460-0102184-014
Operator ID: Instrument ID: CVOAMS15

Method: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Dec-2019 12:46:08 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0337

First Level Reviewer: xuyvo Date: 04-Dec-2019 12:46:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.635	1.634	0.001	100	42283	1000.0	
* 42 2-Butanone-d5	46	2.384	2.384	0.000	99	334355	250.0	
$ 53 Dibromofluoromethane (Surr	113	2.769	2.768	0.001	95	171367	46.7	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	88	175035	48.3	
* 65 Fluorobenzene	96	3.336	3.335	0.001	99	639793	50.0	
67 Trichloroethene	95	3.671	3.671	0.000	76	4436	0.9754	
* 73 1,4-Dioxane-d8	96	4.000	4.000	0.000	21	33557	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.975	4.975	0.000	99	613477	48.5	
88 Tetrachloroethene	166	5.719	5.719	0.000	80	3257	0.8812	
* 94 Chlorobenzene-d5	117	6.829	6.829	0.000	85	477821	50.0	
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	172335	48.1	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	96	213453	50.0	

Reagents:

VOA6IS/SURR_00030 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 04-Dec-2019 12:46:09 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26843.D

Injection Date: 03-Dec-2019 11:27:17 Instrument ID: CVOAMS15

Lims ID: 460-197839-C-3 Lab Sample ID: 460-197839-3

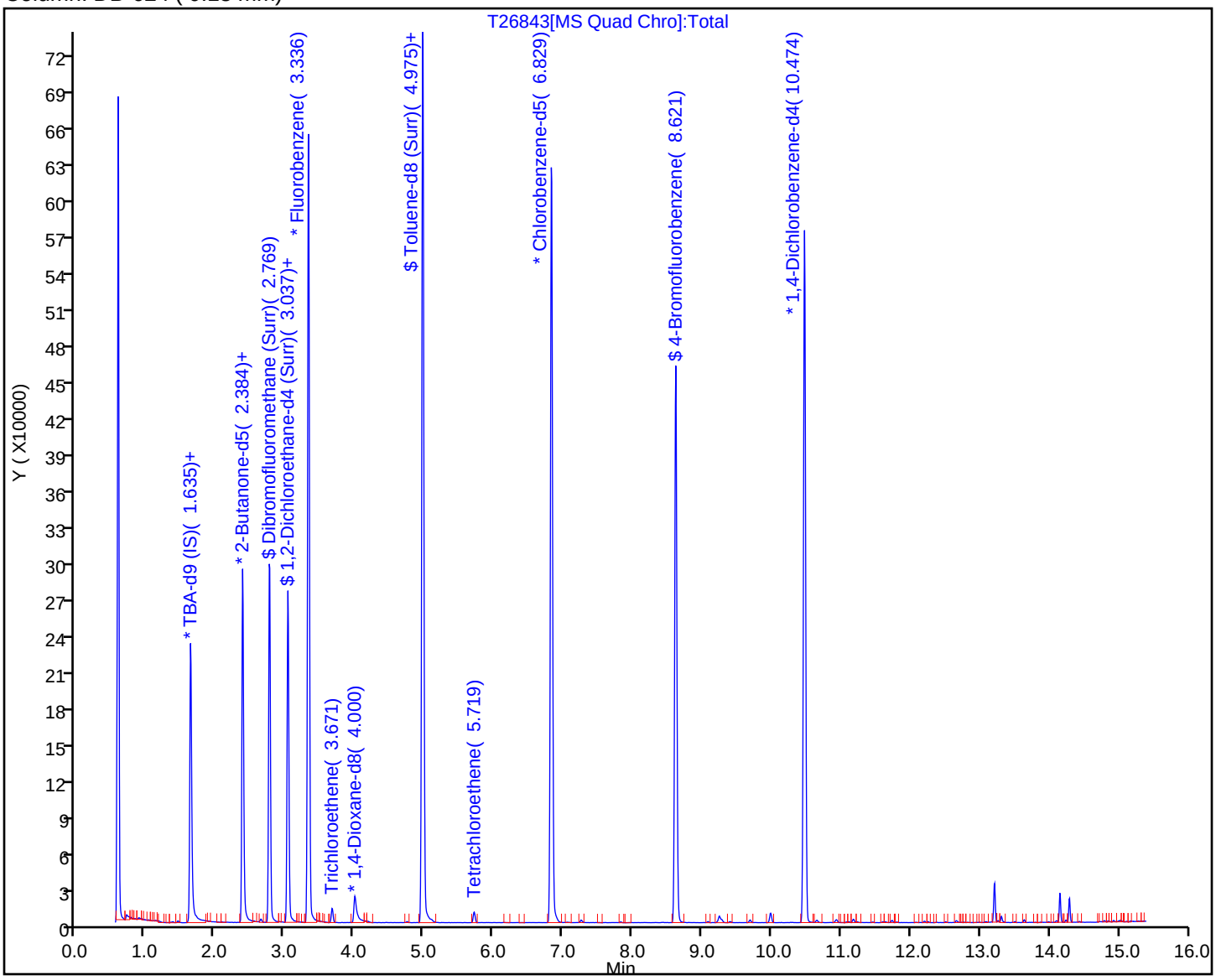
Client ID: K710-MW-1

Operator ID: ALS Bottle#: 0 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

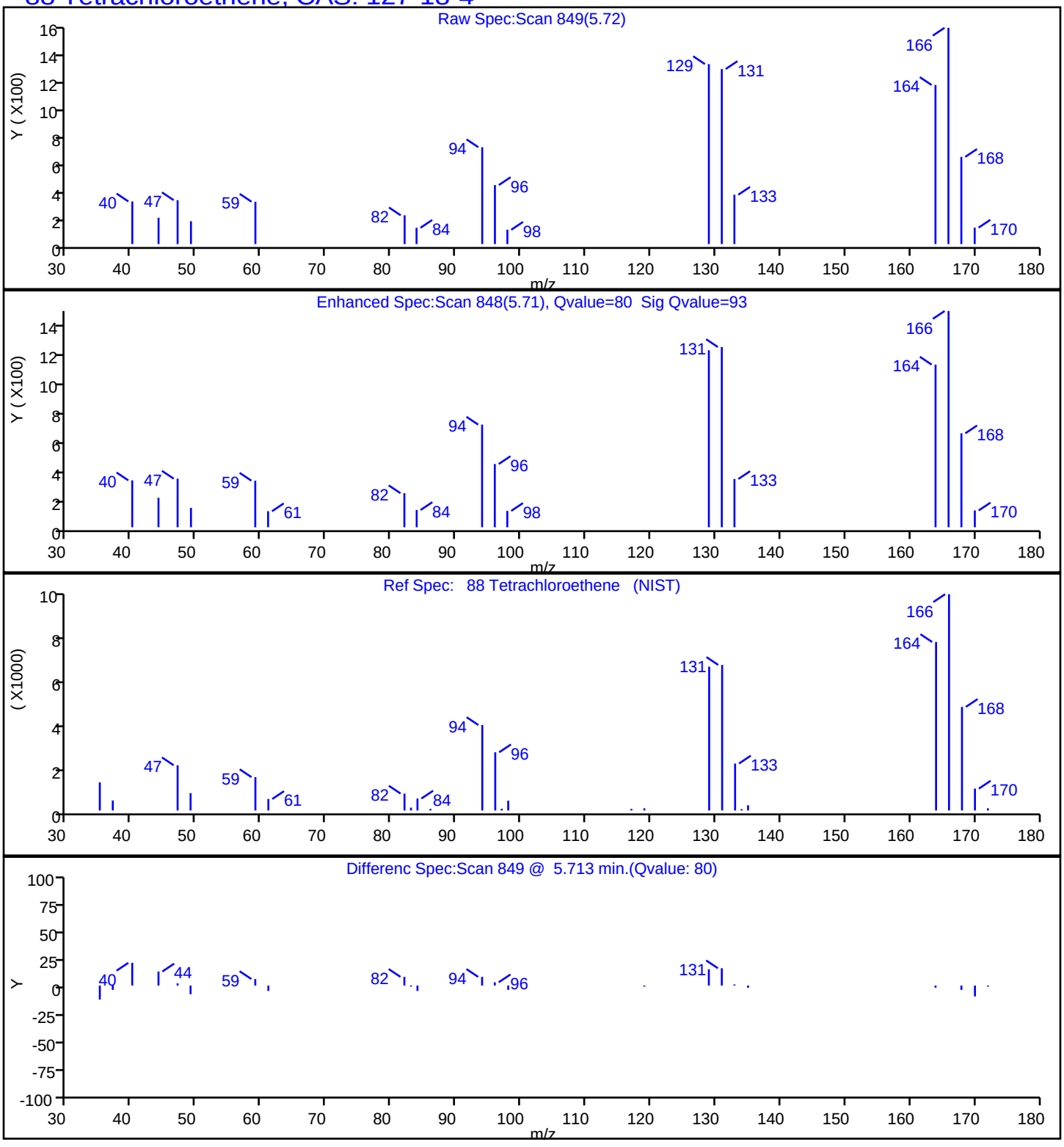


Report Date: 04-Dec-2019 12:46:09 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26843.D				
Injection Date:	03-Dec-2019 11:27:17	Instrument ID:	CVOAMS15		
Lims ID:	460-197839-C-3	Lab Sample ID:	460-197839-3		
Client ID:	K710-MW-1				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4

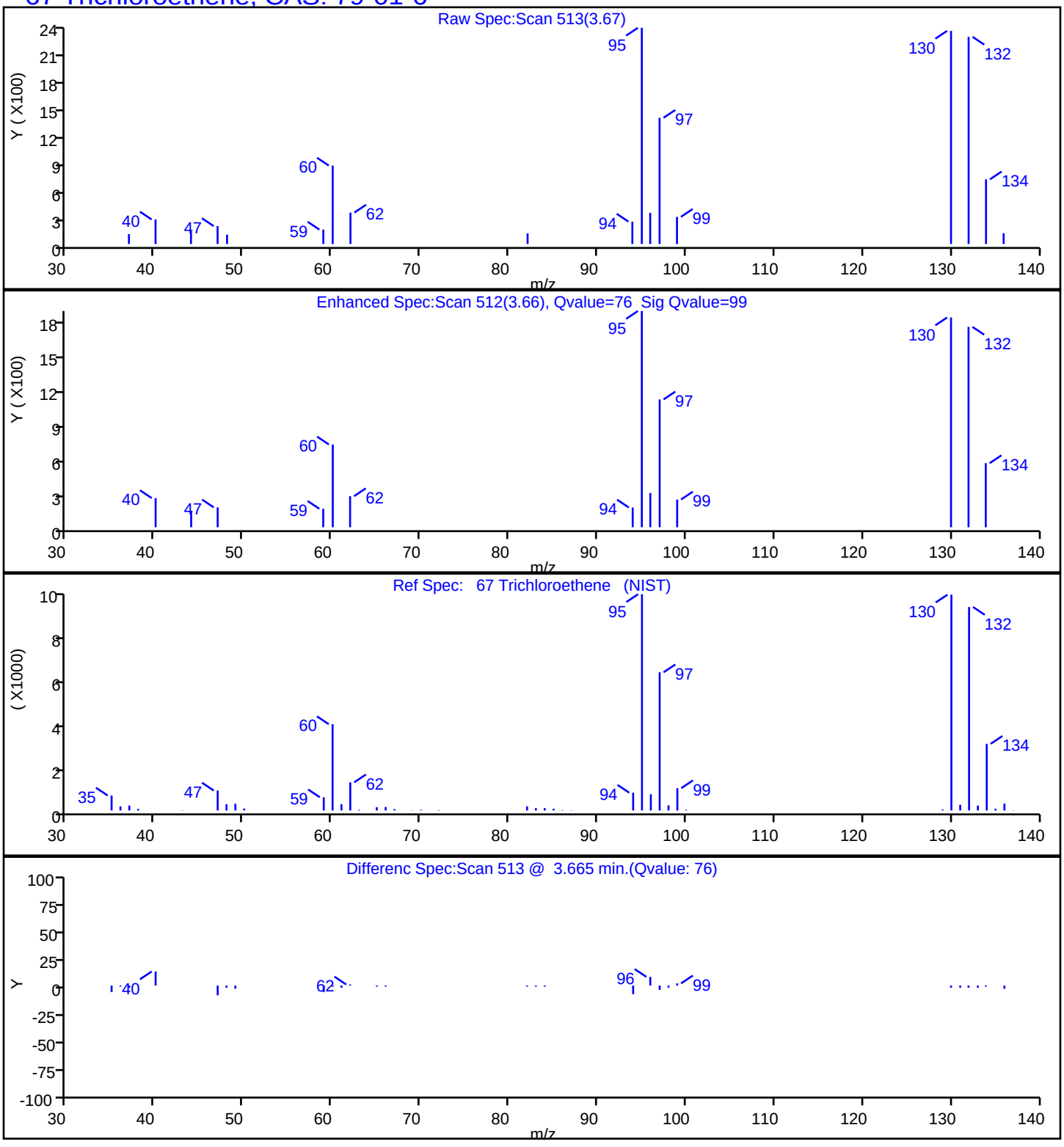


Report Date: 04-Dec-2019 12:46:09 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26843.D		
Injection Date:	03-Dec-2019 11:27:17	Instrument ID:	CVOAMS15
Lims ID:	460-197839-C-3	Lab Sample ID:	460-197839-3
Client ID:	K710-MW-1		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

67 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Client Sample ID: K710-MW-2 Lab Sample ID: 460-197839-4

Matrix: Water Lab File ID: T26844.D

Analysis Method: 8260C Date Collected: 12/02/2019 10:26

Sample wt/vol: 5(mL) Date Analyzed: 12/03/2019 11:51

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 659639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	0.95	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.8		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	96		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26844.D
Lims ID: 460-197839-C-4
Client ID: K710-MW-2
Sample Type: Client
Inject. Date: 03-Dec-2019 11:51:16 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-197839-C-4
Misc. Info.: 460-0102184-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Dec-2019 12:46:08 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0337

First Level Reviewer: desais Date: 03-Dec-2019 12:20:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.634	1.634	0.000	100	43843	1000.0	
* 42 2-Butanone-d5	46	2.384	2.384	0.000	99	336283	250.0	
$ 53 Dibromofluoromethane (Surr	113	2.774	2.768	0.006	95	178124	47.8	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.036	3.037	-0.001	96	177594	48.4	
* 65 Fluorobenzene	96	3.335	3.335	0.000	99	648912	50.0	
67 Trichloroethene	95	3.670	3.671	-0.001	84	8311	1.80	
* 73 1,4-Dioxane-d8	96	4.000	4.000	0.000	19	35491	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.981	4.975	0.006	99	624919	49.5	
88 Tetrachloroethene	166	5.719	5.719	0.000	78	3490	0.9463	
* 94 Chlorobenzene-d5	117	6.834	6.829	0.005	85	476748	50.0	
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	169091	47.3	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	95	214827	50.0	

Reagents:

VOA6IS/SURR_00030 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 04-Dec-2019 12:46:40 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26844.D

Injection Date: 03-Dec-2019 11:51:16 Instrument ID: CVOAMS15

Lims ID: 460-197839-C-4 Lab Sample ID: 460-197839-4

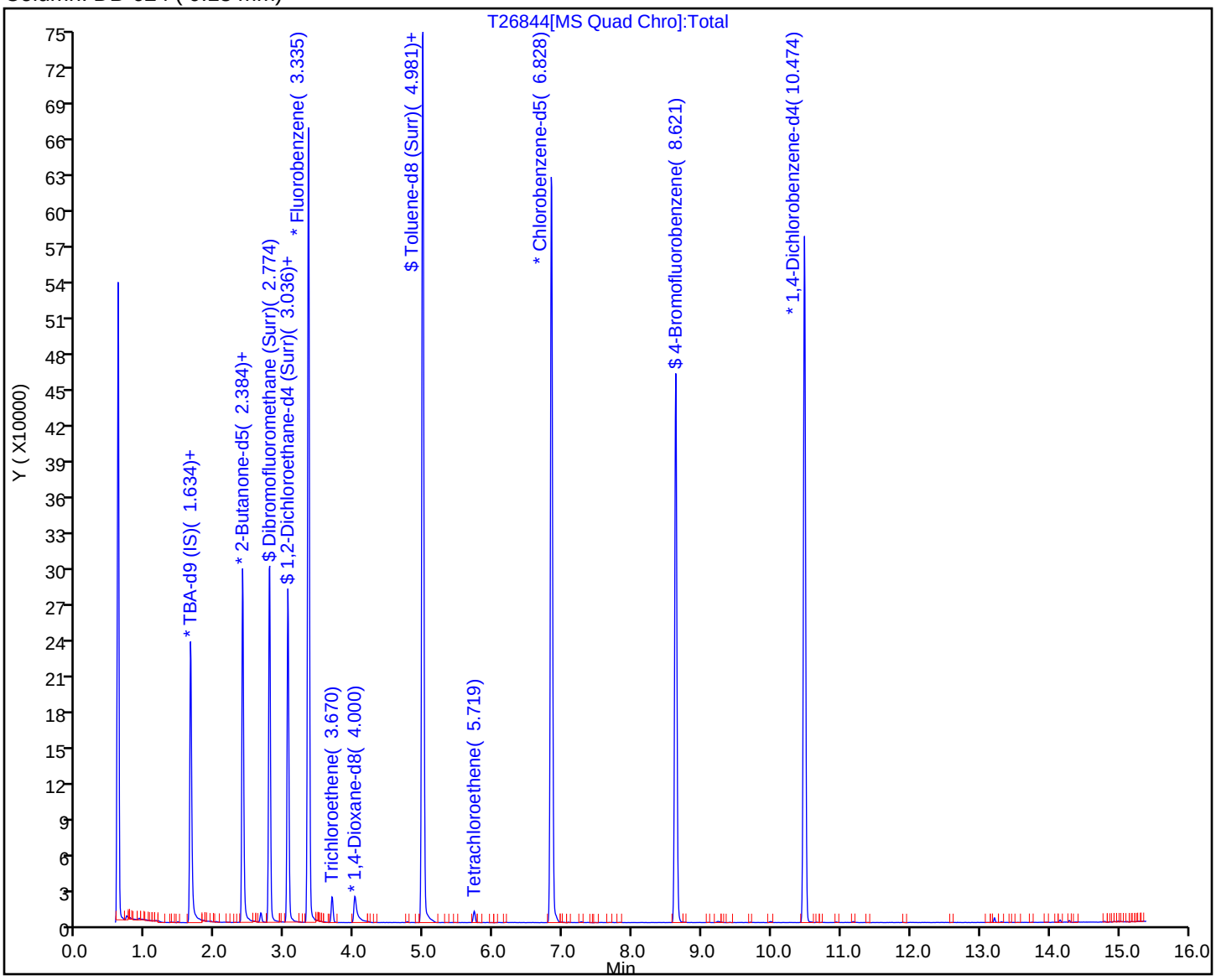
Client ID: K710-MW-2

Operator ID: ALS Bottle#: 0 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

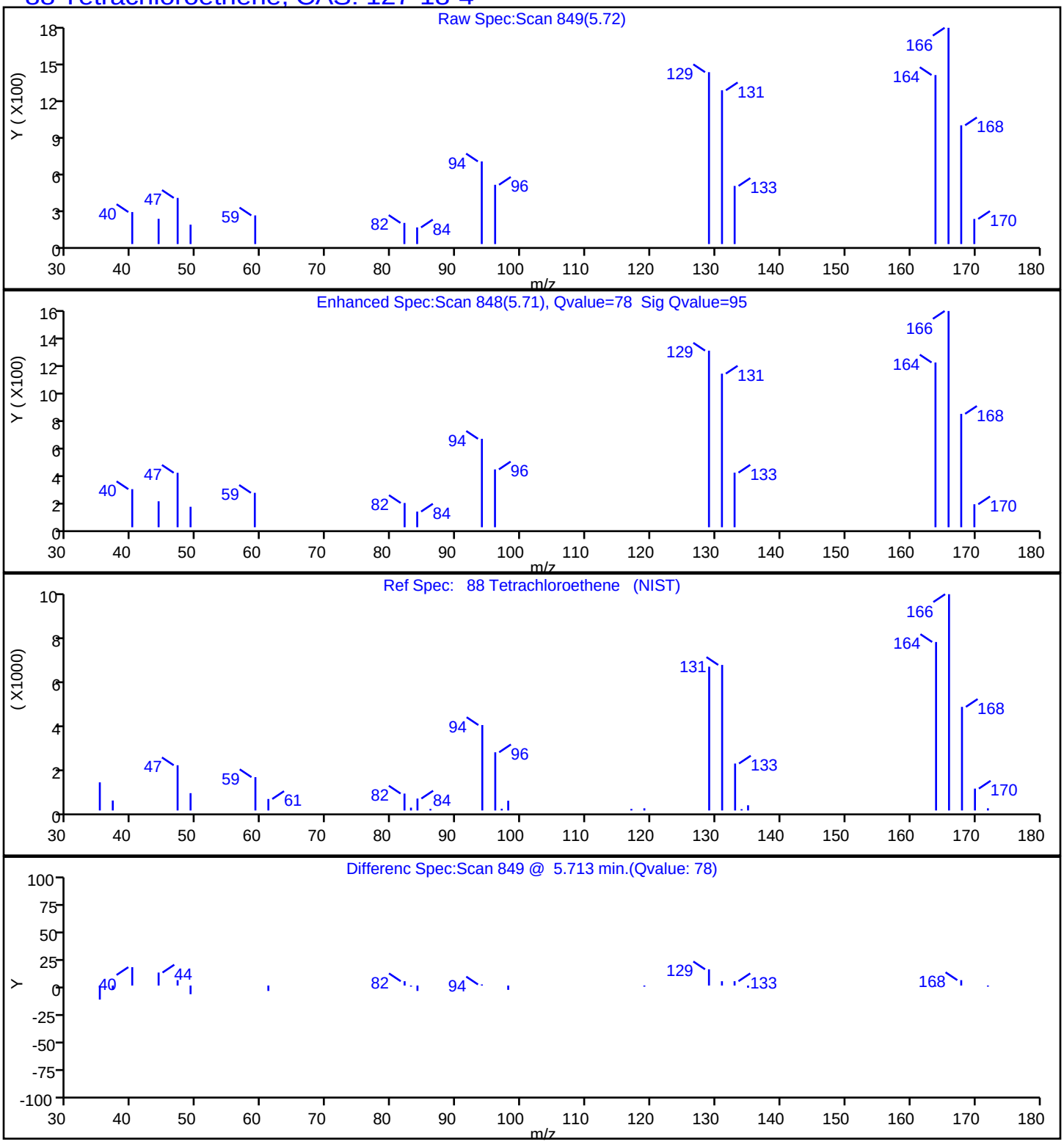


Report Date: 04-Dec-2019 12:46:41 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26844.D				
Injection Date:	03-Dec-2019 11:51:16	Instrument ID:	CVOAMS15		
Lims ID:	460-197839-C-4	Lab Sample ID:	460-197839-4		
Client ID:	K710-MW-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4

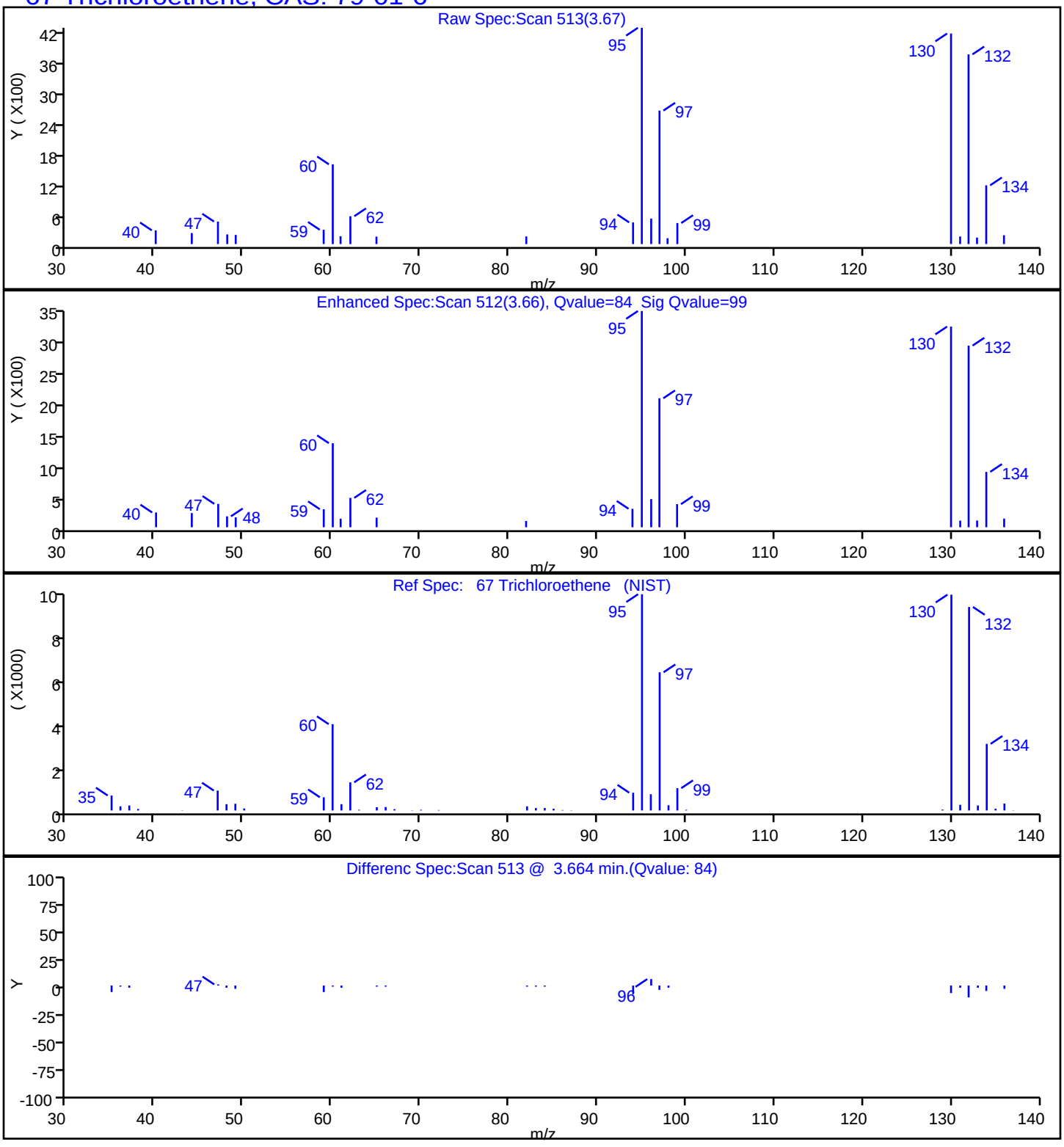


Report Date: 04-Dec-2019 12:46:40 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26844.D				
Injection Date:	03-Dec-2019 11:51:16	Instrument ID:	CVOAMS15		
Lims ID:	460-197839-C-4	Lab Sample ID:	460-197839-4		
Client ID:	K710-MW-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Client Sample ID: K710-DUP-12022019 Lab Sample ID: 460-197839-5

Matrix: Water Lab File ID: T26845.D

Analysis Method: 8260C Date Collected: 12/02/2019 10:26

Sample wt/vol: 5(mL) Date Analyzed: 12/03/2019 12:15

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 659639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	0.98	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.7		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		74-132
460-00-4	4-Bromofluorobenzene	97		77-124
1868-53-7	Dibromofluoromethane (Surr)	94		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26845.D
Lims ID: 460-197839-C-5
Client ID: K710-DUP-12022019
Sample Type: Client
Inject. Date: 03-Dec-2019 12:15:17 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-197839-C-5
Misc. Info.: 460-0102184-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Dec-2019 12:46:08 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0337

First Level Reviewer: parekhv Date: 04-Dec-2019 00:18:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.634	1.634	0.000	100	41735	1000.0	
* 42 2-Butanone-d5	46	2.384	2.384	0.000	99	329695	250.0	
$ 53 Dibromofluoromethane (Surr	113	2.775	2.768	0.007	95	176936	47.2	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	88	176838	47.8	
* 65 Fluorobenzene	96	3.335	3.335	0.000	99	653270	50.0	
67 Trichloroethene	95	3.671	3.671	0.000	84	7785	1.68	
* 73 1,4-Dioxane-d8	96	4.000	4.000	0.000	23	33659	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.975	4.975	0.000	98	625604	49.5	
88 Tetrachloroethene	166	5.719	5.719	0.000	80	3604	0.9751	
* 94 Chlorobenzene-d5	117	6.829	6.829	0.000	84	477797	50.0	
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	173678	48.5	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	97	215781	50.0	

Reagents:

VOA6IS/SURR_00030 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 04-Dec-2019 12:47:05 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26845.D

Injection Date: 03-Dec-2019 12:15:17 Instrument ID: CVOAMS15

Lims ID: 460-197839-C-5 Lab Sample ID: 460-197839-5

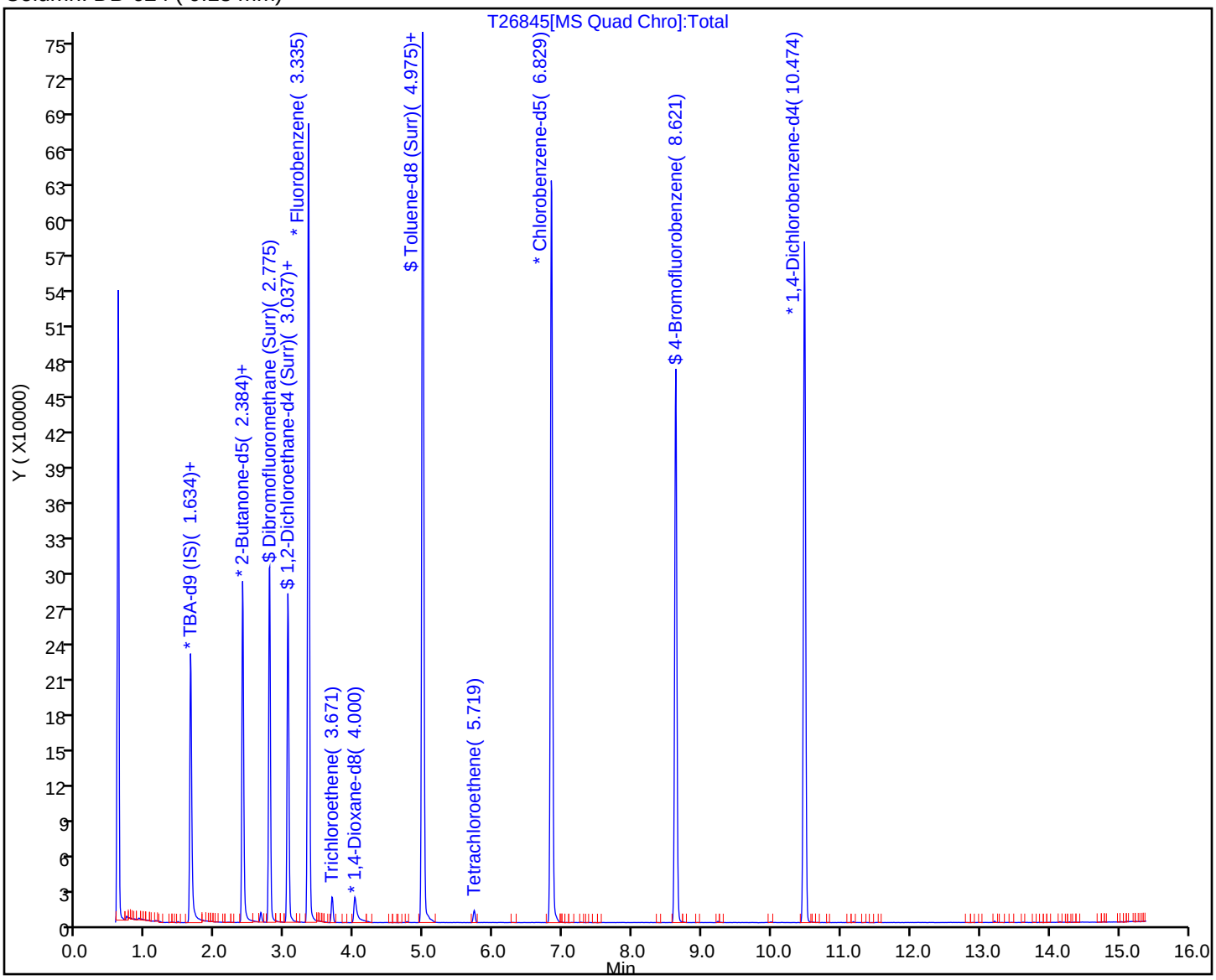
Client ID: K710-DUP-12022019

Operator ID: ALS Bottle#: 0 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

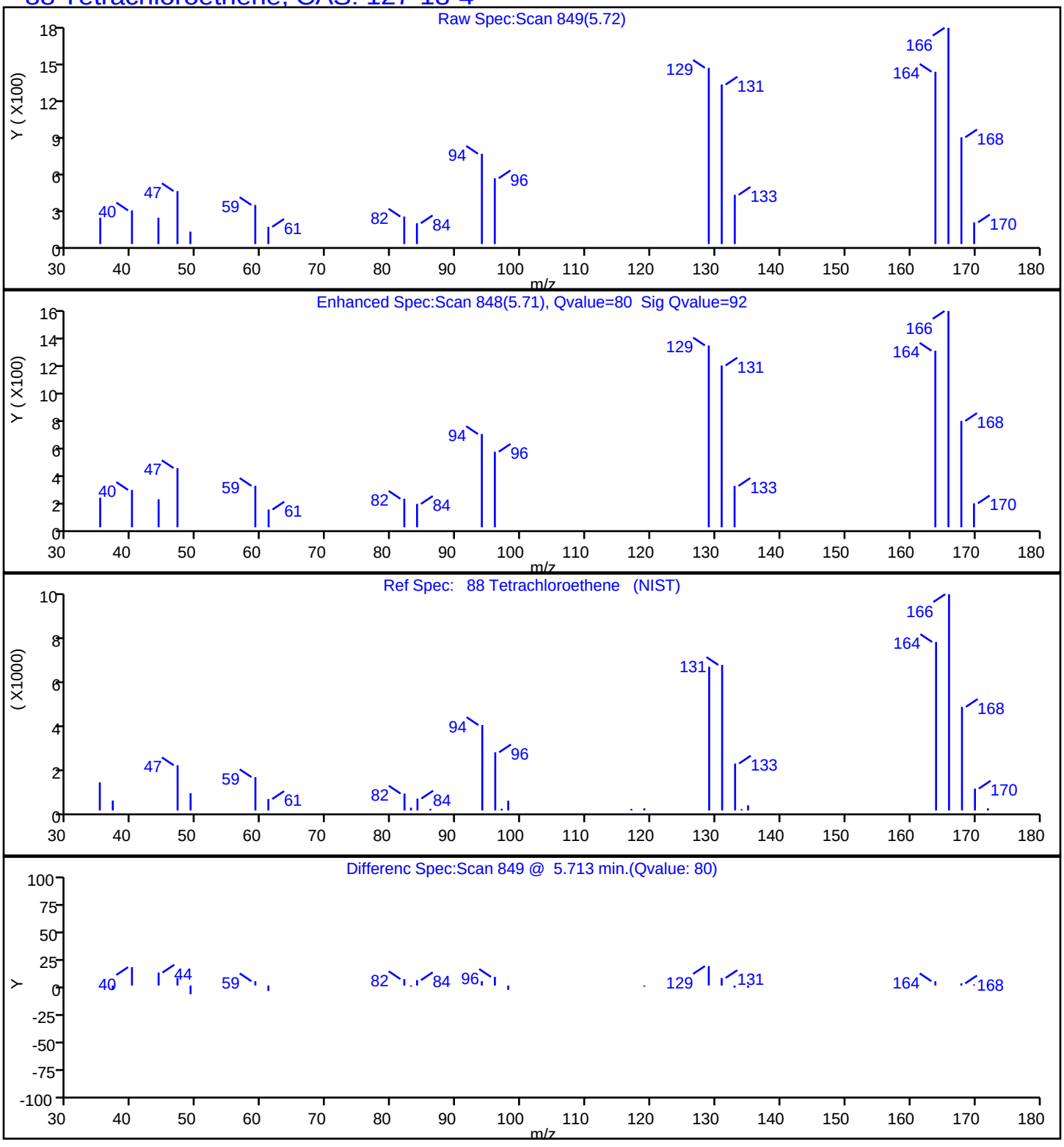


Report Date: 04-Dec-2019 12:47:05 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26845.D				
Injection Date:	03-Dec-2019 12:15:17	Instrument ID:	CVOAMS15		
Lims ID:	460-197839-C-5	Lab Sample ID:	460-197839-5		
Client ID:	K710-DUP-12022019				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4

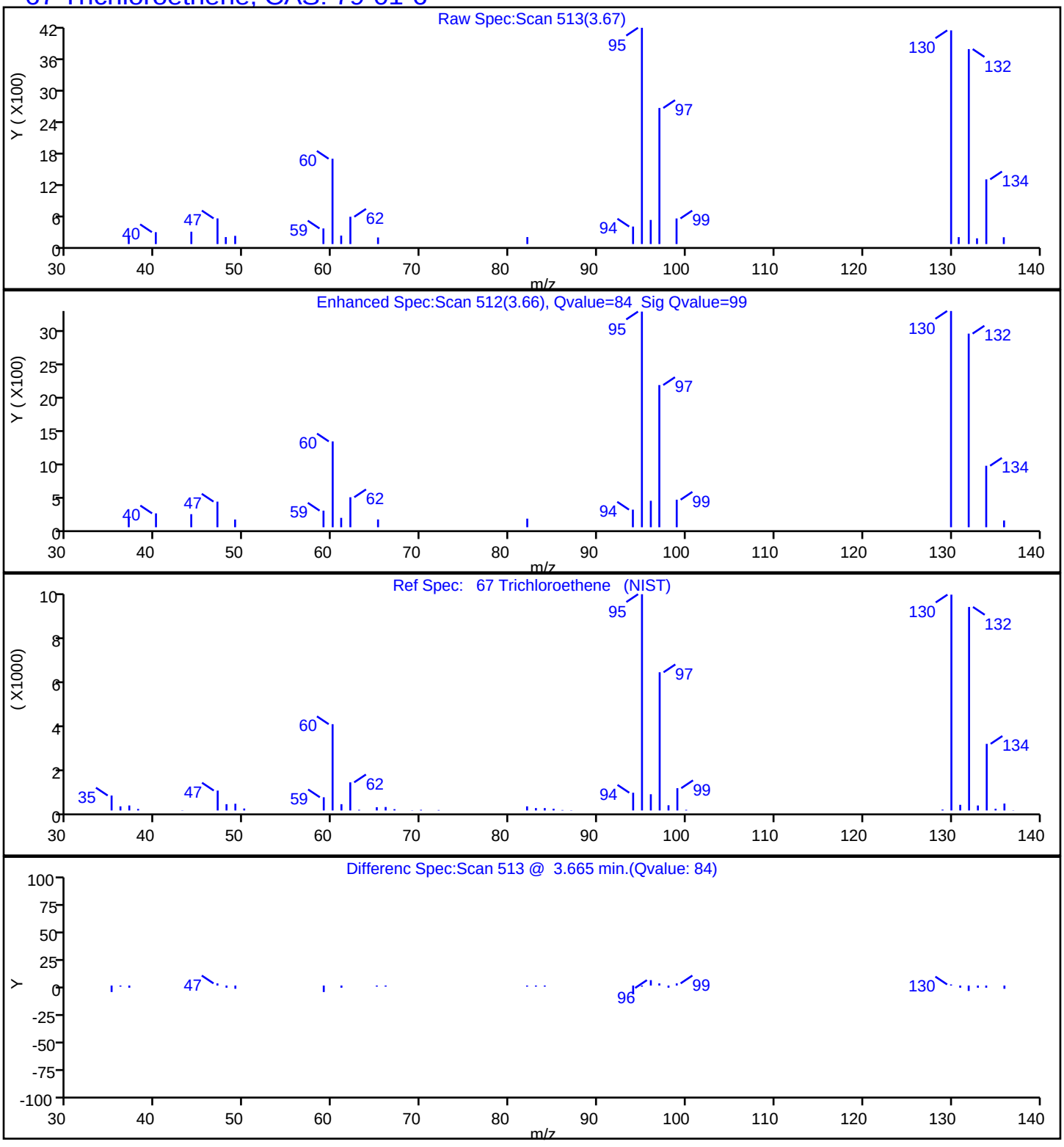


Report Date: 04-Dec-2019 12:47:05 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26845.D		
Injection Date:	03-Dec-2019 12:15:17	Instrument ID:	CVOAMS15
Lims ID:	460-197839-C-5	Lab Sample ID:	460-197839-5
Client ID:	K710-DUP-12022019		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

67 Trichloroethene, CAS: 79-01-6



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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-644351/3	T23581.D
Level 2	STD05 460-644351/4	T23582.D
Level 3	STD1 460-644351/5	T23583.D
Level 4	STD5 460-644351/6	T23584.D
Level 5	STD20 460-644351/7	T23585.D
Level 6	STD50 460-644351/8	T23586.D
Level 7	STD200 460-644351/9	T23587.D
Level 8	STD500 460-644351/10	T23588.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	+++++ 0.0252	+++++ 0.0374	0.0260 +++++	0.0271	0.0249	Ave		0.0281				18.8		20.0			
Chlorotrifluoroethene	+++++ 0.0960	+++++ 0.1373	0.0816 0.1421	0.0855	0.0956	QuaF		0.1278	0.0000290						0.9990		0.9900
Dichlorodifluoromethane	+++++ 0.3267	0.2727 +++++	0.3058 +++++	0.2851	0.2958	Ave		0.2972			0.1000	6.9		20.0			
1,1-Difluoroethane	+++++ 0.3790	0.3480 0.4628	0.3722 0.4537	0.3650	0.1017	QuaF		0.4481	0.0000125						0.9980		0.9900
Chlorodifluoromethane	+++++ 0.3790	+++++ 0.4628	0.0397 0.4537	0.3650	0.0434	QuaF		0.4468	0.0000154						0.9980		0.9900
Chloromethane	+++++ 0.2257	0.2623 0.2630	0.2598 0.2699	0.2131	0.2155	Ave		0.2442			0.1000	10.2		20.0			
Vinyl chloride	+++++ 0.2999	0.2158 0.3441	0.2767 0.3337	0.2895	0.2871	Ave		0.2924			0.1000	14.4		20.0			
Butadiene	0.2682 0.2537	0.2136 0.2867	0.2513 0.2785	0.2450	0.2383	Ave		0.2544				9.2		20.0			
Bromomethane	+++++ 1.3239	1.4899 2.1294	1.5918 1.8100	1.5616	1.4426	Ave		1.6213			0.1000	16.6		20.0			
Chloroethane	+++++ 1.8288	1.9825 2.1607	2.1643 2.2405	1.9005	1.9237	Ave		2.0287			0.1000	7.8		20.0			
Dichlorofluoromethane	+++++ 0.4745	0.4204 0.4907	0.4615 0.4523	0.4727	0.4584	Ave		0.4615				4.8		20.0			
Trichlorofluoromethane	+++++ 0.4743	0.3351 0.4876	0.4703 0.4633	0.4737	0.4536	Ave		0.4511			0.1000	11.6		20.0			
Pentane	+++++ 0.0509	0.0632 0.0530	0.0547 0.0510	0.0482	0.0503	Ave		0.0531				9.3		20.0			
Ethanol	+++++ 0.1916	0.3407 0.2060	0.3096 0.1484	0.3033	0.2544	QuaF		0.2389	-0.000005						0.9990		0.9900

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

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	+++++ 0.1857	0.2439 0.2036	0.2056 0.1834	0.1988	0.1885	Ave		0.2014				10.3		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2713	0.2161 0.2781	0.3159 0.2635	0.2446	0.2721	Ave		0.2660				11.5		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2123	0.2011 0.2163	0.2495 0.2078	0.1929	0.2122	Ave		0.2132				8.4		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4055	0.3086 0.4250	0.3927 0.4030	0.4091	0.4131	Ave		0.3939				9.9		20.0			
Acrolein	+++++ 5.0742	10.291 5.2124	6.1297 6.2516	5.4347	5.4326	QuaF		4.4642	0.0044340						0.9990		0.9900
1,1-Dichloroethene	+++++ 0.2639	0.2031 0.2692	0.2780 0.2505	0.2594	0.2646	Ave		0.2555			0.1000	9.6		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.3039	0.2839 0.3190	0.2896 0.2813	0.2766	0.2920	Ave		0.2923			0.1000	5.0		20.0			
Acetone	+++++ 0.5026	0.6680 0.5638	0.7152 0.5804	0.5682	0.5401	Ave		0.5912			0.0500	12.6		20.0			
Iodomethane	+++++ 0.4242	0.2481 0.4388	0.2935 0.3802	0.3344	0.3991	Ave		0.3598				19.6		20.0			
Carbon disulfide	+++++ 0.8000	0.7978 0.8164	0.8347 0.7466	0.8159	0.7939	Ave		0.8007			0.1000	3.5		20.0			
Isopropyl alcohol	+++++ 2.5827	3.6699 2.4258	2.7246 2.3424	2.8584	2.8774	Ave		2.7830				15.8		20.0			
Acetonitrile	+++++ 0.1293	0.1208 0.1377	0.1258 0.1410	0.1304	0.1285	Ave		0.1305				5.3		20.0			
Allyl chloride	+++++ 0.1668	0.1476 0.1648	0.1727 0.1579	0.1603	0.1684	Ave		0.1627				5.1		20.0			
Methyl acetate	+++++ 0.1408	0.1469 0.1372	0.1674 0.1350	0.1338	0.1428	Ave		0.1434			0.1000	8.0		20.0			
Cyclopentene	+++++ 0.6403	0.5287 0.6455	0.6203 0.6020	0.5943	0.6267	Ave		0.6083				6.5		20.0			
Methylene Chloride	+++++ 0.2711	0.2800 0.2893	0.2695 0.2726	0.2665	0.2747	Ave		0.2748			0.1000	2.8		20.0			
2-Methyl-2-propanol	+++++ 5.5170	9.6652 5.5014	7.4518 5.1800	6.3123	5.7400	Qua2	19.613	5.6748	-0.000101						0.9990		0.9900
Acrylonitrile	0.0713 0.0775	0.0754 0.0796	0.0692 0.0738	0.0759	0.0775	Ave		0.0750				4.6		20.0			
trans-1,2-Dichloroethene	+++++ 0.2966	0.2668 0.3124	0.2978 0.2877	0.2927	0.2933	Ave		0.2925			0.1000	4.7		20.0			
Methyl tert-butyl ether	+++++ 0.7427	0.7198 0.7783	0.7271 0.7262	0.7727	0.7510	Ave		0.7454			0.1000	3.1		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

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								
Hexane	+++++ 0.3225	0.2957 0.3353	0.3682 0.3173	0.2873	0.3246	Ave		0.3215				8.3		20.0			
1,1-Dichloroethane	+++++ 0.4520	0.3968 0.4678	0.4812 0.4361	0.4640	0.4499	Ave		0.4497			0.2000	6.1		20.0			
Vinyl acetate	+++++ 0.5401	0.7289 0.6893	0.7335 0.7807	0.6663	0.5773	Ave		0.6737				12.9		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2878	0.2408 0.2892	0.2873 0.2868	0.2754	0.2866	Ave		0.2791				6.3		20.0			
Isopropyl ether	+++++ 0.6764	0.6713 0.6639	0.6639 0.6255	0.6830	0.6912	Ave		0.6679				3.2		20.0			
Tert-butyl ethyl ether	+++++ 0.7394	0.8158 0.7472	0.7536 0.7200	0.7609	0.7562	Ave		0.7561				3.9		20.0			
2,2-Dichloropropane	+++++ 0.1048	0.1653 0.1099	0.0996 0.1034	0.0998	0.1040	QuaF		0.1129	-0.000019						1.0000		0.9900
cis-1,2-Dichloroethene	+++++ 0.3242	0.3267 0.3368	0.3409 0.3174	0.3074	0.3211	Ave		0.3249			0.1000	3.5		20.0			
2-Butanone (MEK)	+++++ 0.8635	0.7437 0.9451	0.7015 0.9816	0.7789	0.8832	Ave		0.8425			0.0500	12.4		20.0			
Propionitrile	+++++ 7.1523	8.1687 7.2342	7.5255 7.7880	7.1310	7.3649	Ave		7.4806				5.1		20.0			
Ethyl acetate	+++++ 0.2924	0.4065 0.3093	0.5715 0.3486	0.3062	0.2931	QuaF		0.2837	0.0000649						1.0000		0.9900
Isopropyl acetate	+++++ 0.0697	0.0993 0.0734	0.0642 0.0723	0.0806	0.0737	Ave		0.0762				14.8		20.0			
Methyl acrylate	+++++ 0.2326	0.1233 0.2388	0.2118 0.2563	0.2290	0.2312	QuaF		0.2275	0.0000575						1.0000		0.9900
Chlorobromomethane	+++++ 0.1483	0.1730 0.1545	0.1600 0.1470	0.1617	0.1543	Ave		0.1570				5.7		20.0			
Methacrylonitrile	+++++ 0.1085	0.0957 0.1056	0.0995 0.0975	0.1034	0.1067	Ave		0.1024				4.8		20.0			
Tetrahydrofuran	+++++ 0.3375	0.4315 0.3705	0.5172 0.4110	0.4074	0.3392	Ave		0.4021				15.5		20.0			
Chloroform	+++++ 0.5011	0.4575 0.5206	0.5052 0.4626	0.4981	0.4978	Ave		0.4918			0.2000	4.7		20.0			
1,1,1-Trichloroethane	+++++ 0.4682	0.4169 0.4831	0.5009 0.4542	0.4570	0.4627	Ave		0.4633			0.1000	5.6		20.0			
Cyclohexane	+++++ 0.4170	0.3272 0.4402	0.3846 0.4204	0.3987	0.4148	Ave		0.4004			0.1000	9.2		20.0			
Carbon tetrachloride	+++++ 0.4219	0.4290 0.4489	0.4667 0.4229	0.4281	0.4200	Ave		0.4339			0.1000	4.0		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.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

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								
1,1-Dichloropropene	+++++ 0.3961	0.3965 0.4141	0.3758 0.3870	0.3883	0.3986	Ave		0.3938				3.0		20.0			
Isobutyl alcohol	+++++ 1.8442	2.0500 1.8898	1.1622 1.7911	1.8518	1.9710	Ave		1.7943				16.3		20.0			
Benzene	+++++ 1.4047	1.3800 1.5356	1.4742 1.4206	1.4488	1.4309	Ave		1.4421			0.5000	3.5		20.0			
1,2-Dichloroethane	+++++ 0.3302	0.3988 0.3445	0.3532 0.3144	0.3430	0.3398	Ave		0.3463			0.1000	7.6		20.0			
2,2,4-Trimethylpentane	+++++ 0.5996	0.5428 0.5724	0.6337 0.5695	0.5711	0.6036	Ave		0.5847				5.1		20.0			
Tert-amyl methyl ether	+++++ 0.7584	0.7198 0.7504	0.7178 0.7372	0.7690	0.7709	Ave		0.7462				2.9		20.0			
n-Heptane	+++++ 0.2280	0.2369 0.2254	0.2364 0.2190	0.2091	0.2218	Ave		0.2252				4.4		20.0			
Trichloroethene	+++++ 0.3396	0.3507 0.3562	0.4288 0.3321	0.3364	0.3440	Ave		0.3554			0.2000	9.4		20.0			
n-Butanol	+++++ 1.4769	1.2727 1.5145	1.2114 1.5363	1.4122	1.4986	Ave		1.4175				9.0		20.0			
Ethyl acrylate	+++++ 0.5994	0.5976 0.6014	0.6249 0.5657	0.5913	0.6038	Ave		0.5977				2.9		20.0			
Methylcyclohexane	+++++ 0.4542	0.3784 0.4741	0.4442 0.4528	0.4222	0.4492	Ave		0.4393			0.1000	7.0		20.0			
1,2-Dichloropropane	+++++ 0.2567	0.2319 0.2716	0.2722 0.2549	0.2666	0.2607	Ave		0.2592			0.1000	5.3		20.0			
Dibromomethane	+++++ 0.1792	0.2267 0.1884	0.1973 0.1669	0.1859	0.1817	Ave		0.1894				10.0		20.0			
1,4-Dioxane	+++++ 0.9283	1.0264 1.0035	0.8926 0.8600	1.0278	0.9941	Ave		0.9618				7.0		20.0			
Methyl methacrylate	+++++ 0.0825	0.0881 0.0805	0.0794 0.0781	0.0815	0.0807	Ave		0.0815				4.0		20.0			
n-Propyl acetate	+++++ 0.2853	0.2462 0.2850	0.3256 0.2779	0.2717	0.2883	Ave		0.2829				8.4		20.0			
Dichlorobromomethane	+++++ 0.3793	0.3881 0.4062	0.3885 0.3784	0.3669	0.3824	Ave		0.3843			0.2000	3.1		20.0			
2-Nitropropane	+++++ 0.0582	0.0771 0.0582	0.0694 0.0538	0.0592	0.0613	Ave		0.0624				12.9		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1866	0.1810 0.1853	0.1896 0.1779	0.1840	0.1894	Ave		0.1848				2.3		20.0			
Epichlorohydrin	0.2720 0.2502	0.2082 0.2805	0.2371 0.2845	0.2516	0.2562	Ave		0.2550				9.8		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

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								
cis-1,3-Dichloropropene	+++++ 0.5669	0.5042 0.6316	0.5250 0.5861	0.5548	0.5766	Ave		0.5636			0.2000	7.4		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 1.9439	1.9560 2.0987	1.9796 2.1683	2.0171	2.0174	Ave		2.0259			0.0500	4.0		20.0			
Toluene	+++++ 1.5487	1.5576 1.6115	1.5882 1.5005	1.5520	1.5421	Ave		1.5572			0.4000	2.3		20.0			
trans-1,3-Dichloropropene	+++++ 0.5207	0.4899 0.5767	0.5286 0.5307	0.5243	0.5235	Ave		0.5278			0.1000	4.8		20.0			
Ethyl methacrylate	+++++ 0.4019	0.3820 0.4400	0.4670 0.4074	0.4017	0.4077	Ave		0.4154				6.9		20.0			
1,1,2-Trichloroethane	+++++ 0.2542	0.2762 0.2779	0.2769 0.2571	0.2500	0.2616	Ave		0.2648			0.1000	4.5		20.0			
Tetrachloroethene	+++++ 0.3782	0.3891 0.4045	0.3965 0.3890	0.3640	0.3861	Ave		0.3868			0.2000	3.4		20.0			
1,3-Dichloropropane	+++++ 0.5010	0.4604 0.5450	0.5285 0.4988	0.5122	0.5169	Ave		0.5090				5.2		20.0			
2-Hexanone	+++++ 1.3106	1.3285 1.4466	1.4314 1.4642	1.3991	1.3713	Ave		1.3931			0.0500	4.2		20.0			
Chlorodibromomethane	+++++ 0.3734	0.3927 0.4160	0.3945 0.3882	0.3813	0.3830	Ave		0.3899			0.1000	3.5		20.0			
Ethylene Dibromide	+++++ 0.3353	0.4054 0.3607	0.3728 0.3373	0.3435	0.3430	Ave		0.3569			0.1000	7.1		20.0			
n-Butyl acetate	+++++ 0.3770	0.4363 0.3876	0.3886 0.3548	0.3966	0.3871	Ave		0.3897				6.3		20.0			
Chlorobenzene	+++++ 0.9751	1.0777 1.0254	1.0455 0.9628	0.9860	0.9824	Ave		1.0078			0.5000	4.2		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3494	0.3307 0.3775	0.3780 0.3460	0.3620	0.3536	Ave		0.3567				4.8		20.0			
Ethylbenzene	+++++ 0.5275	0.5237 0.5466	0.5475 0.5087	0.5241	0.5361	Ave		0.5306			0.1000	2.6		20.0			
m-Xylene & p-Xylene	+++++ 0.6297	0.6414 0.6686	0.6361 0.6154	0.6239	0.6345	Ave		0.6356			0.1000	2.7		20.0			
o-Xylene	+++++ 0.5976	0.5853 0.6357	0.6532 0.5874	0.5899	0.6087	Ave		0.6083			0.3000	4.3		20.0			
Styrene	+++++ 1.0135	1.0534 1.0667	1.0151 0.9671	1.0165	1.0198	Ave		1.0217			0.3000	3.1		20.0			
n-Butyl acrylate	+++++ 0.2263	0.2884 0.2381	0.2256 0.2115	0.2272	0.2347	Ave		0.2360				10.4		20.0			
Bromoform	+++++ 0.2308	0.1919 0.2503	0.2362 0.2344	0.2309	0.2375	Ave		0.2303			0.1000	7.9		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

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								
Amyl acetate (mixed isomers)	+++++ 0.8948	0.8538 0.9515	0.9247 0.8328	0.8603	0.9260	Ave		0.8920				5.0		20.0			
Isopropylbenzene	+++++ 1.5507	1.4406 1.5644	1.4793 1.4358	1.5240	1.5576	Ave		1.5075			0.1000	3.7		20.0			
Bromobenzene	+++++ 0.7773	0.7582 0.8369	0.8018 0.8057	0.7637	0.7936	Ave		0.7910				3.4		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6967	0.5457 0.7572	0.7291 0.7374	0.6813	0.6981	Ave		0.6922			0.3000	10.1		20.0			
1,2,3-Trichloropropane	+++++ 0.2644	0.4299 0.2691	0.2843 0.2549	0.2751	0.2643	Lin2	0.0751	0.2565							0.9910		0.9900
trans-1,4-Dichloro-2-butene	+++++ 0.2254	0.1775 0.2389	0.2773 0.2233	0.2723	0.2441	Ave		0.2369				14.2		20.0			
N-Propylbenzene	+++++ 4.0453	3.5261 4.0270	3.9431 3.8206	3.9628	4.0223	Ave		3.9067				4.7		20.0			
2-Chlorotoluene	+++++ 2.2173	2.1374 2.3809	2.2208 2.0946	2.1995	2.2274	Ave		2.2111				4.1		20.0			
4-Ethyltoluene	+++++ 3.2136	2.8512 3.1558	3.0734 2.9947	3.2023	3.2479	Ave		3.1056				4.6		20.0			
4-Chlorotoluene	+++++ 2.1737	1.9555 2.2703	2.1419 2.0673	2.0760	2.2010	Ave		2.1265				4.9		20.0			
1,3,5-Trimethylbenzene	+++++ 2.5641	2.4076 2.6178	2.6095 2.4326	2.5372	2.5878	Ave		2.5366				3.3		20.0			
Butyl Methacrylate	+++++ 0.8791	0.9682 0.9423	0.9140 0.8978	0.8872	0.8938	Ave		0.9118				3.6		20.0			
tert-Butylbenzene	+++++ 2.1834	2.2114 2.2039	2.3697 2.1000	2.1702	2.1881	Ave		2.2038				3.7		20.0			
1,2,4-Trimethylbenzene	+++++ 2.5691	2.7216 2.6629	2.7354 2.4533	2.5738	2.5955	Ave		2.6159				3.8		20.0			
sec-Butylbenzene	+++++ 3.0571	2.9340 3.1012	3.0057 2.9265	3.0212	3.0869	Ave		3.0189				2.3		20.0			
1,3-Dichlorobenzene	+++++ 1.3494	1.2807 1.4332	1.3576 1.3629	1.3400	1.3702	Ave		1.3563			0.6000	3.3		20.0			
1,4-Dichlorobenzene	+++++ 1.3598	1.3734 1.4536	1.4837 1.3840	1.3505	1.3865	Ave		1.3988			0.5000	3.6		20.0			
p-Diethylbenzene	+++++ 2.4797	2.1961 2.5766	2.7586 2.4392	2.4808	2.5392	Ave		2.4957				6.8		20.0			
1,2,3-Trimethylbenzene	+++++ 2.4964	2.0536 2.4856	2.6405 2.3962	2.5731	2.5707	Ave		2.4594				7.9		20.0			
Benzyl chloride	+++++ 1.6061	1.7091 1.6650	1.5896 1.5338	1.6096	1.6586	Ave		1.6245				3.5		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.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

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								
Indan	+++++ 2.4447	2.5190 2.4616	2.6130 2.3999	2.4969	2.4930	Ave		2.4897				2.7		20.0			
1,2-Dichlorobenzene	+++++ 1.2611	1.2413 1.3490	1.2814 1.3034	1.2525	1.2678	Ave		1.2795			0.4000	2.9		20.0			
4-Isopropyltoluene	+++++ 1.3311	1.3965 1.3079	1.4627 1.2927	1.3437	1.3590	Ave		1.3562				4.3		20.0			
n-Butylbenzene	+++++ 1.2066	1.2979 1.2344	1.3938 1.1766	1.2382	1.2279	Ave		1.2536				5.7		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1462	0.1119 0.1569	0.1526 0.1531	0.1511	0.1522	Ave		0.1463			0.0500	10.6		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.0075	1.9319 2.0873	2.1971 2.0929	2.0992	2.0650	Ave		2.0687				4.0		20.0			
1,3,5-Trichlorobenzene	+++++ 0.6784	0.5792 0.7180	0.7256 0.7358	0.6671	0.6829	Ave		0.6839				7.8		20.0			
1,2,4-Trichlorobenzene	+++++ 0.5890	0.5501 0.6638	0.5635 0.6848	0.5854	0.5881	Ave		0.6035			0.2000	8.4		20.0			
Hexachlorobutadiene	+++++ 0.2161	0.1883 0.2410	0.2413 0.2461	0.2127	0.2144	Ave		0.2228				9.4		20.0			
Naphthalene	+++++ 1.9500	2.0408 2.1995	1.9144 2.1000	1.9378	1.9767	Ave		2.0170				5.1		20.0			
1,2,3-Trichlorobenzene	+++++ 0.5237	0.5344 0.5871	0.5343 0.6035	0.4906	0.5281	Ave		0.5431				7.2		20.0			
Dibromofluoromethane (Surr)	0.2887 0.2883	0.2883 0.2891	0.2903 0.2760	0.2874	0.2877	Ave		0.2870				1.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2825 0.2826	0.2869 0.2772	0.2887 0.2664	0.2963	0.2836	Ave		0.2830				3.1		20.0			
Toluene-d8 (Surr)	1.3249 1.3235	1.3106 1.3235	1.3201 1.3352	1.3228	1.3244	Ave		1.3231				0.5		20.0			
4-Bromofluorobenzene	0.3799 0.3732	0.3805 0.3715	0.3779 0.3650	0.3710	0.3784	Ave		0.3747				1.4		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-644351/3	T23581.D
Level 2	STD05 460-644351/4	T23582.D
Level 3	STD1 460-644351/5	T23583.D
Level 4	STD5 460-644351/6	T23584.D
Level 5	STD20 460-644351/7	T23585.D
Level 6	STD50 460-644351/8	T23586.D
Level 7	STD200 460-644351/9	T23587.D
Level 8	STD500 460-644351/10	T23588.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	+++++ 13113	+++++ 74547	289 +++++	1475	5277	+++++ 50.0	+++++ 200	1.00 +++++	5.00	20.0
Chlorotrifluoroethene	FB	QuaF	+++++ 50051	+++++ 273244	908 692474	4645	20278	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 170307	1524 +++++	3404 +++++	15494	62770	+++++ 50.0	0.500 +++++	1.00 +++++	5.00	20.0
1,1-Difluoroethane	FB	QuaF	+++++ 197558	1945 921365	4143 2211425	19836	21577	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	QuaF	+++++ 197558	+++++ 921365	442 2211425	19836	9220	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 117628	1466 523605	2892 1315360	11581	45742	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 156316	1206 684984	3080 1626289	15730	60925	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	773 132238	1194 570847	2798 1357525	13316	50575	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	Ave	+++++ 68536	744 384038	1582 687916	7906	29460	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	BUT	Ave	+++++ 94672	990 389685	2151 851529	9622	39283	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 247343	2350 976979	5138 2204676	25691	97286	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 247200	1873 970797	5236 2258084	25742	96268	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 53081	707 211202	1218 496730	5241	21353	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBAd 9	QuaF	+++++ 17381	296 69112	554 108726	2630	9102	+++++ 2000	20.0 8000	40.0 20000	200	800
Ethyl ether	FB	Ave	+++++ 96789	1363 405386	2289 893741	10805	40003	+++++ 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.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

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
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 141422	1208 553599	3517 1284213	13295	57753	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 110679	1124 430662	2777 1013008	10481	45027	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 211358	1725 845993	4372 1964489	22232	87665	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBAd9	QuaF	+++++ 23019	894 43729	1097 91637	4713	9720	+++++ 100	2.00 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	+++++ 137548	1135 536011	3095 1221028	14097	56158	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 158384	1587 635026	3224 1371134	15029	61963	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 130093	1668 508386	3554 1102909	14383	55146	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 221095	1387 873622	3267 1852949	18173	84695	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon disulfide	FB	Ave	+++++ 416993	4459 1625276	9292 3638916	44339	168473	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 58582	797 203514	1219 429189	6197	25741	+++++ 500	5.00 2000	10.0 5000	50.0	200
Acetonitrile	BUT	Ave	+++++ 66957	603 248375	1250 535827	6603	26233	+++++ 500	5.00 2000	10.0 5000	50.0	200
Allyl chloride	FB	Ave	+++++ 86945	825 328126	1923 769869	8714	35746	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 146828	1642 546181	3728 1315836	14540	60613	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 333755	2955 1285126	6905 2934411	32295	132987	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylene Chloride	FB	Ave	+++++ 141308	1565 575954	3000 1328592	14483	58304	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Qua2	+++++ 125139	2099 461534	3334 949109	13685	51350	+++++ 500	5.00 2000	10.0 5000	50.0	200
Acrylonitrile	FB	Ave	1643 403973	4217 1585521	7705 3596429	41259	164365	2.00 500	5.00 2000	10.0 5000	50.0	200
trans-1,2-Dichloroethene	FB	Ave	+++++ 154620	1491 621990	3315 1402477	15904	62238	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl tert-butyl ether	FB	Ave	+++++ 387098	4023 1549472	8094 3539726	41994	159376	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexane	FB	Ave	+++++ 168073	1653 667445	4099 1546413	15613	68887	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 235597	2218 931349	5357 2125672	25215	95480	+++++ 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.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

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
Vinyl acetate	BUT	Ave	+++++ 55918	728 248637	1458 593435	6747	23577	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 150005	1346 575676	3198 1398043	14967	60818	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 352566	3752 1321741	7391 3048940	37115	146680	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 385381	4560 1487428	8389 3509545	41350	160472	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	QuaF	+++++ 54621	924 218838	1109 503892	5424	22068	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 168983	1826 670579	3795 1547084	16707	68139	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 223520	1857 852277	3486 1865297	19718	90179	+++++ 250	2.50 1000	5.00 2500	25.0	100
Propionitrile	TBAd9	Ave	+++++ 162231	1774 606903	3367 1426949	15460	65886	+++++ 500	5.00 2000	10.0 5000	50.0	200
Ethyl acetate	BUT	QuaF	+++++ 30278	406 111550	1136 264960	3101	11971	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Isopropyl acetate	FB	Ave	+++++ 36353	555 146070	715 352446	4379	15638	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acrylate	FB	QuaF	+++++ 121212	689 475400	2358 1249271	12446	49056	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobromomethane	FB	Ave	+++++ 77298	967 307612	1781 716541	8785	32735	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 565305	5351 2101557	11076 4750978	56194	226343	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tetrahydrofuran	BUT	Ave	+++++ 34948	431 133640	1028 312438	4125	13854	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Chloroform	FB	Ave	+++++ 261206	2557 1036408	5624 2254560	27070	105649	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 244022	2330 961711	5576 2213785	24837	98194	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 217365	1829 876338	4282 2049200	21666	88033	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 219929	2398 893603	5196 2061336	23265	89136	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 206449	2216 824405	4184 1886207	21104	84581	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 104575	1113 396353	1300 820428	10037	44082	+++++ 1250	12.5 5000	25.0 12500	125	500
Benzene	CBNZ d5	Ave	+++++ 580382	6076 2309335	12835 5218003	61808	238810	+++++ 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.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

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
1,2-Dichloroethane	FB	Ave	+++++ 172110	2229 685791	3932 1532250	18640	72107	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2,4-Trimethylpentane	FB	Ave	+++++ 312506	3034 1139592	7055 2776053	31038	128086	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 395311	4023 1493820	7991 3593487	41791	163606	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 118825	1324 448703	2632 1067211	11363	47071	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichloroethene	FB	Ave	+++++ 176994	1960 709190	4774 1618910	18280	73005	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 83750	691 317650	1355 703716	7654	33517	+++++ 1250	12.5 5000	25.0 12500	125	500
Ethyl acrylate	FB	Ave	+++++ 312438	3340 1197230	6957 2757447	32136	128135	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 236763	2115 943755	4945 2206810	22943	95331	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 133794	1296 540669	3030 1242295	14486	55324	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	+++++ 93392	1267 375087	2196 813289	10102	38556	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dioxane	DXE	Ave	+++++ 31067	696 122351	1414 287437	3010	13403	+++++ 1000	25.0 4000	50.0 10000	100	400
Methyl methacrylate	FB	Ave	+++++ 85987	985 320348	1767 760973	8861	34248	+++++ 100	1.00 400	2.00 1000	10.0	40.0
n-Propyl acetate	FB	Ave	+++++ 148686	1376 567458	3625 1354628	14768	61181	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	+++++ 197726	2169 808662	4325 1844297	19940	81143	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Ave	+++++ 60700	862 231546	1545 524071	6429	26031	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 97496	1014 369720	2116 869081	10024	40296	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1370 259040	2079 1011637	4713 2162600	25480	104640	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 234209	2220 949884	4571 2152579	23668	96228	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 503162	4884 1892538	9837 4120514	51061	205985	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZ d5	Ave	+++++ 639851	6858 2423357	13827 5511183	66207	257357	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 215113	2157 867194	4602 1949085	22368	87369	+++++ 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.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

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
Ethyl methacrylate	CBNZ d5	Ave	+++++ 166042	1682 661728	4066 1496547	17136	68046	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 105025	1216 417840	2411 944464	10664	43655	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 156263	1713 608318	3452 1428976	15529	64432	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 207001	2027 819515	4601 1832234	21850	86266	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 339235	3317 1304476	7113 2782544	35418	140017	+++++ 250	2.50 1000	5.00 2500	25.0	100
Chlorodibromomethane	CBNZ d5	Ave	+++++ 154255	1729 625553	3435 1425689	16268	63920	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 138521	1785 542440	3246 1238774	14655	57242	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acetate	CBNZ d5	Ave	+++++ 155780	1921 582852	3383 1303192	16921	64609	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZ d5	Ave	+++++ 402889	4745 1541978	9102 3536394	42064	163962	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 144351	1456 567666	3291 1270971	15445	59010	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	+++++ 217942	2306 822006	4767 1868608	22358	89466	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 260153	2824 1005453	5538 2260194	26614	105900	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	+++++ 246909	2577 955986	5687 2157447	25167	101582	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBNZ d5	Ave	+++++ 418728	4638 1604141	8838 3551993	43365	170189	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 93478	1270 358038	1964 776946	9692	39164	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Ave	+++++ 95345	845 376437	2056 860908	9852	39635	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 168324	1732 643755	3702 1365043	16850	71261	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 640698	6343 2352525	12879 5273760	65014	259951	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	+++++ 146222	1538 566196	3210 1320651	14958	61068	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 131057	1107 512248	2919 1208679	13344	53721	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd 4	Lin2	+++++ 49736	872 182083	1138 417722	5388	20338	+++++ 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.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

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-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 42390	360 161604	1110 365936	5333	18784	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	+++++ 760937	7153 2724424	15786 6262260	77620	309538	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 417090	4336 1610794	8891 3433120	43082	171408	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 604492	5784 2135026	12304 4908423	62724	249944	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 408880	3967 1535953	8575 3388465	40663	169381	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 482309	4884 1771054	10447 3987160	49697	199140	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 165355	1964 637491	3659 1471531	17378	68782	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 410707	4486 1491037	9487 3442037	42507	168382	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 483258	5521 1801582	10951 4021075	50413	199733	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 575053	5952 2098080	12033 4796694	59177	237554	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 253824	2598 969593	5435 2233953	26246	105447	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 255779	2786 983410	5940 2268418	26452	106694	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 466433	4455 1743166	11044 3998006	48591	195406	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 469582	4166 1681621	10571 3927462	50399	197829	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	+++++ 302123	3467 1126473	6364 2514017	31527	127635	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	+++++ 459865	5110 1665395	10461 3933508	48907	191845	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 237215	2518 912657	5130 2136313	24532	97562	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 250388	2833 884863	5856 2118794	26319	104584	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	+++++ 226966	2633 835102	5580 1928488	24253	94496	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 27503	227 106181	611 250977	2960	11716	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 377616	3919 1412121	8796 3430361	41117	158915	+++++ 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.: 460-197839-1 Analy Batch No.: 644351

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2019 22:42 Calibration End Date: 10/04/2019 01:53 Calibration ID: 76998

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	+++++ 127615	1175 485746	2905 1206050	13066	52552	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 110793	1116 449082	2256 1122356	11466	45255	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 40641	382 163040	966 403319	4166	16501	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	+++++ 366806	4140 1488078	7664 3442081	37956	152120	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 98517	1084 397174	2139 989229	9610	40636	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	166435 150261	161144 143874	161595 134528	156168	152653	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	162854 147289	160369 137982	160675 129841	160997	150435	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	592896 546807	577069 497592	574646 490427	564324	552587	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	169997 154203	167527 139654	164510 134075	158250	157878	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
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 03-Oct-2019 22:42:41 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0098692-003
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Oct-2019 20:37:36 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0312

First Level Reviewer: desais Date: 04-Oct-2019 07:06:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	0.806	0.805	0.001	24	773	0.2500	0.2635	
* 31 TBA-d9 (IS)	66	1.635	1.634	0.001	99	45601	1000.0	1000.0	
32 Acrylonitrile	53	1.744	1.744	0.000	74	1643	2.00	1.90	
* 42 2-Butanone-d5	46	2.384	2.384	0.000	97	251819	250.0	250.0	
$ 53 Dibromofluoromethane (Surr	113	2.769	2.768	0.001	96	166435	50.0	50.3	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	96	162854	50.0	49.9	
* 65 Fluorobenzene	96	3.336	3.335	0.001	99	576401	50.0	50.0	
* 73 1,4-Dioxane-d8	96	4.000	4.000	0.000	52	29046	1000.0	1000.0	
80 Epichlorohydrin	57	4.597	4.597	0.000	54	1370	5.00	5.33	
$ 83 Toluene-d8 (Surr)	98	4.982	4.981	0.001	99	592896	50.0	50.1	
* 94 Chlorobenzene-d5	117	6.835	6.835	0.000	83	447513	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	169997	50.0	50.7	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	96	209322	50.0	50.0	

Reagents:

GASES Li_00335	Amount Added:	2.50	Units: uL	
524freon_00012	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00105	Amount Added:	0.00	Units: uL	
ACROLEIN W_00096	Amount Added:	0.00	Units: uL	
14DIOXINTER_00105	Amount Added:	0.00	Units: uL	
GAS Hi_00326	Amount Added:	0.00	Units: uL	
Ethanol mix_00033	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00088	Amount Added:	0.00	Units: uL	
MIX I Hi_00117	Amount Added:	0.00	Units: uL	
8FreonHi_00009	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00065	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00028	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 04-Oct-2019 20:37:38 Chrom Revision: 2.3 17-Sep-2019 16:19:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D

Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15

Lims ID: STD8

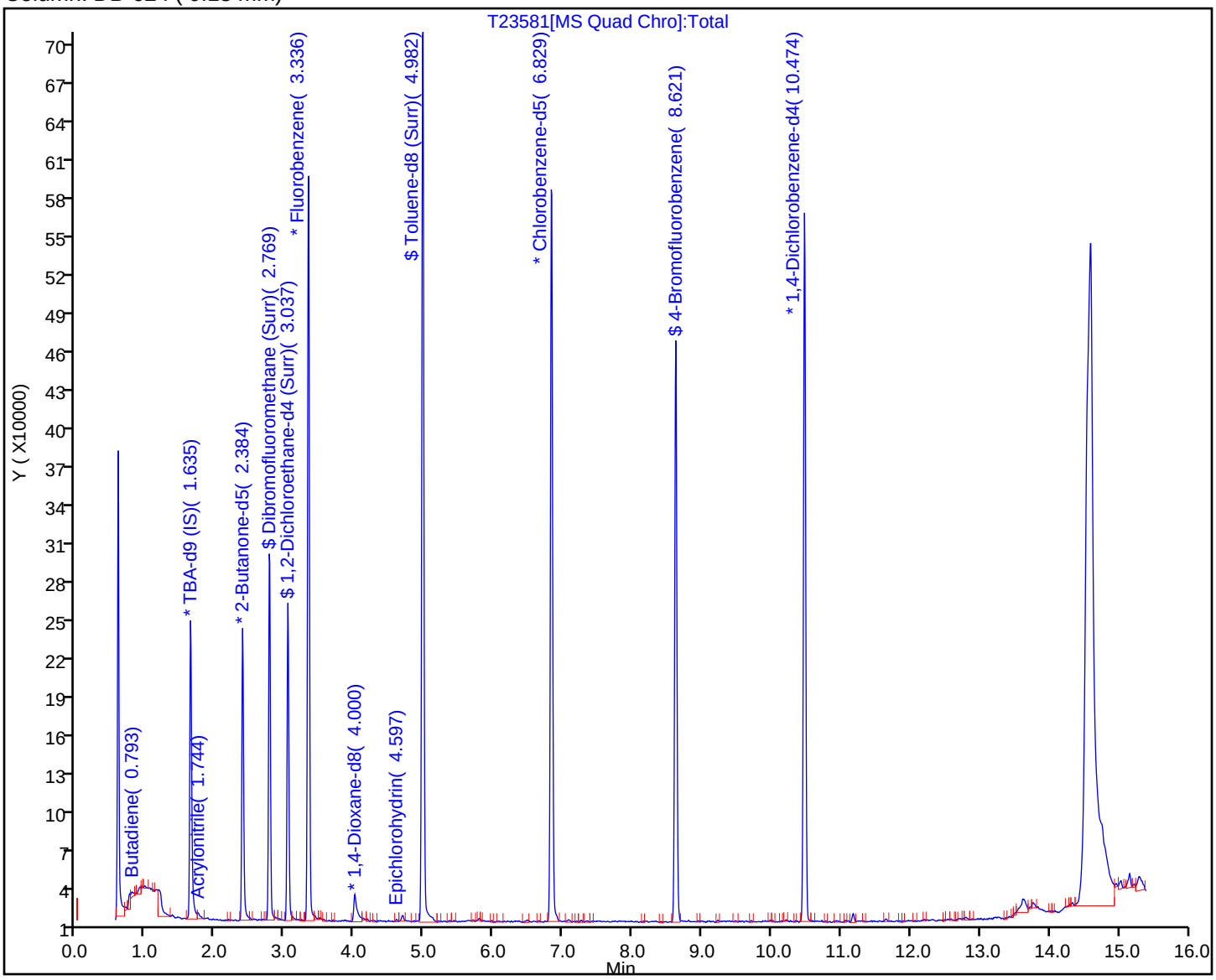
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

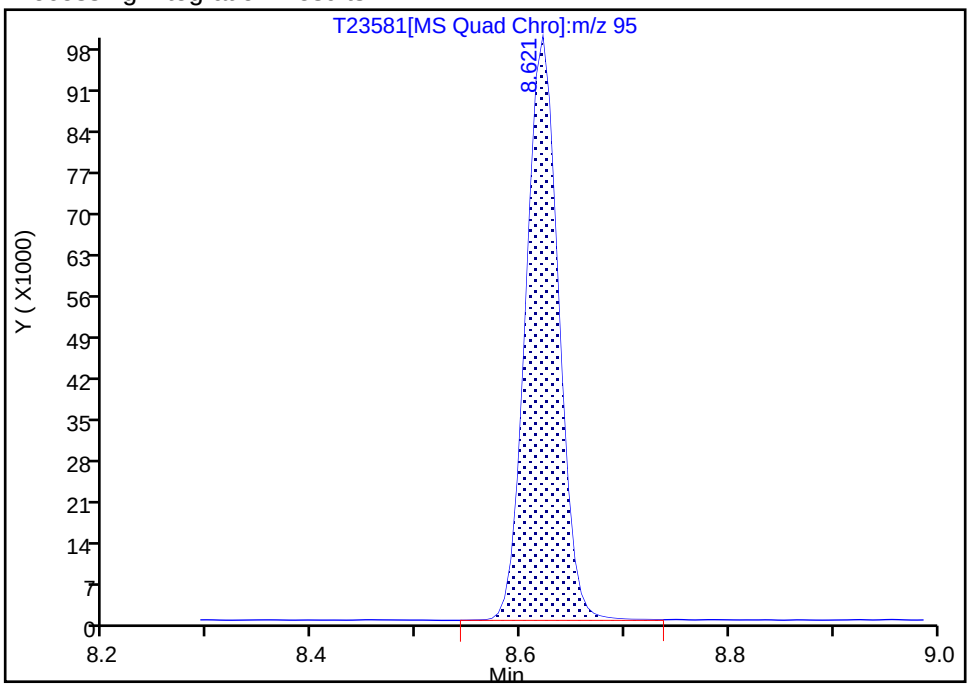
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

$ 105 4-Bromofluorobenzene, CAS: 460-00-4

Signal: 2

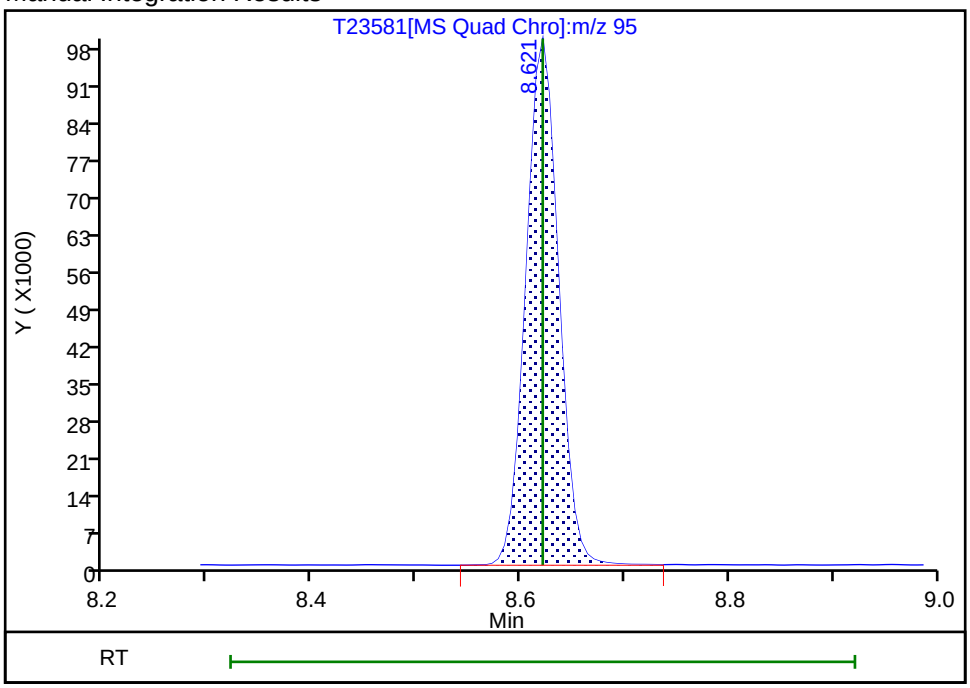
Processing Integration Results

RT: 8.62
Area: 216799
Amount: 50.694383
Amount Units: ug/l



Manual Integration Results

RT: 8.62
Area: 216799
Amount: 50.694383
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:06:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

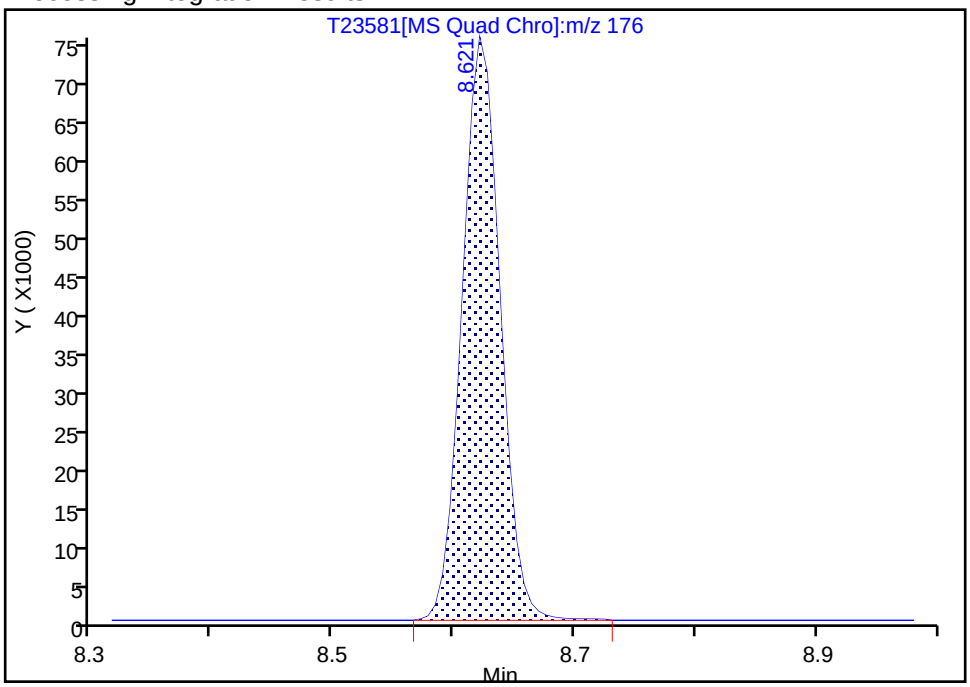
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

$ 105 4-Bromofluorobenzene, CAS: 460-00-4

Signal: 3

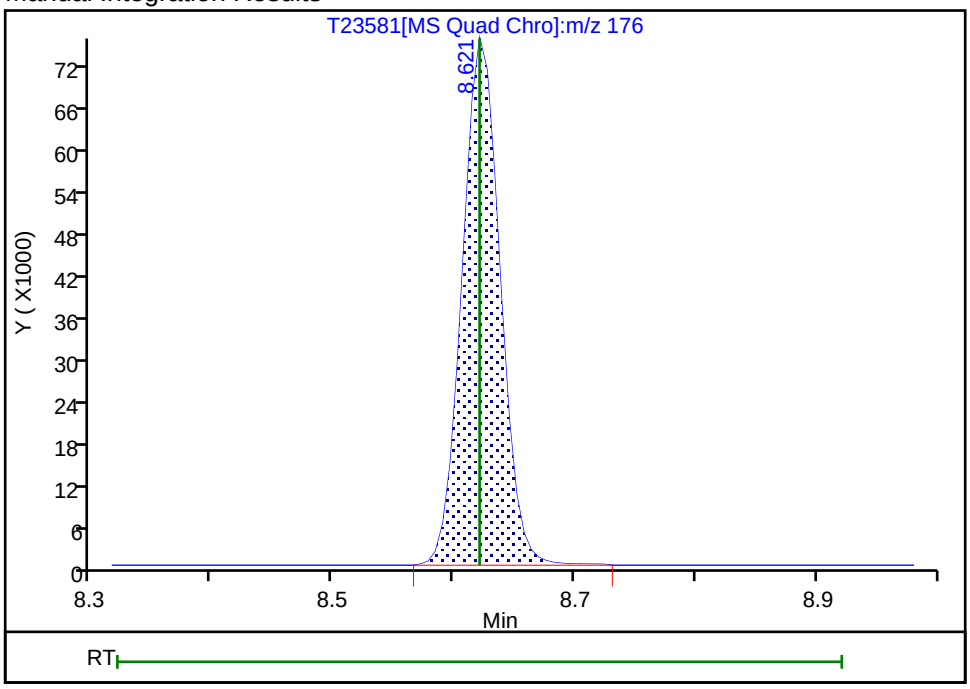
Processing Integration Results

RT: 8.62
Area: 164253
Amount: 50.694383
Amount Units: ug/l



Manual Integration Results

RT: 8.62
Area: 164253
Amount: 50.694383
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:06:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

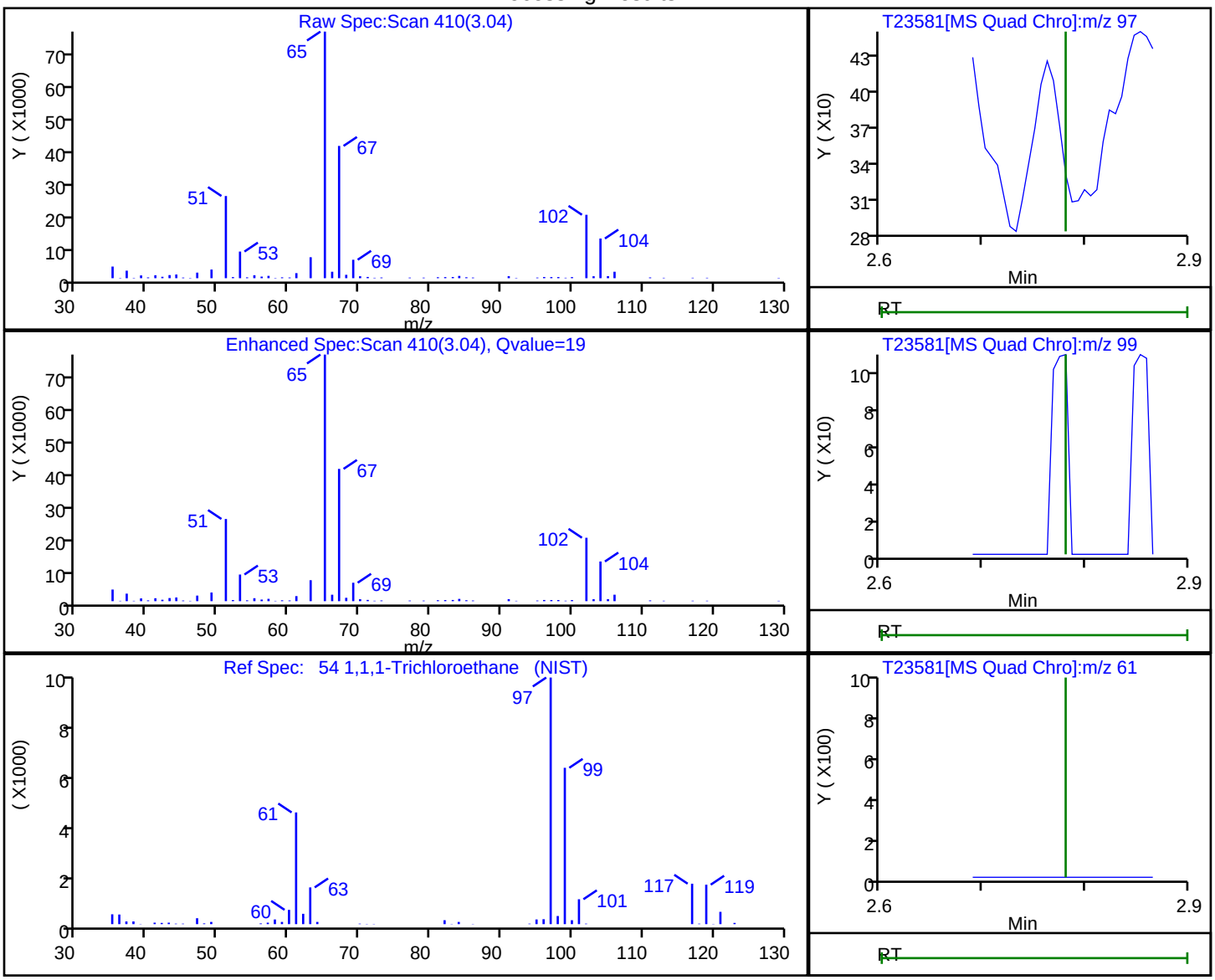
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

54 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
3.04	97.00	75	0.014043
3.04	99.00	264	
3.04	61.00	3331	

Reviewer: desais, 04-Oct-2019 07:05:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

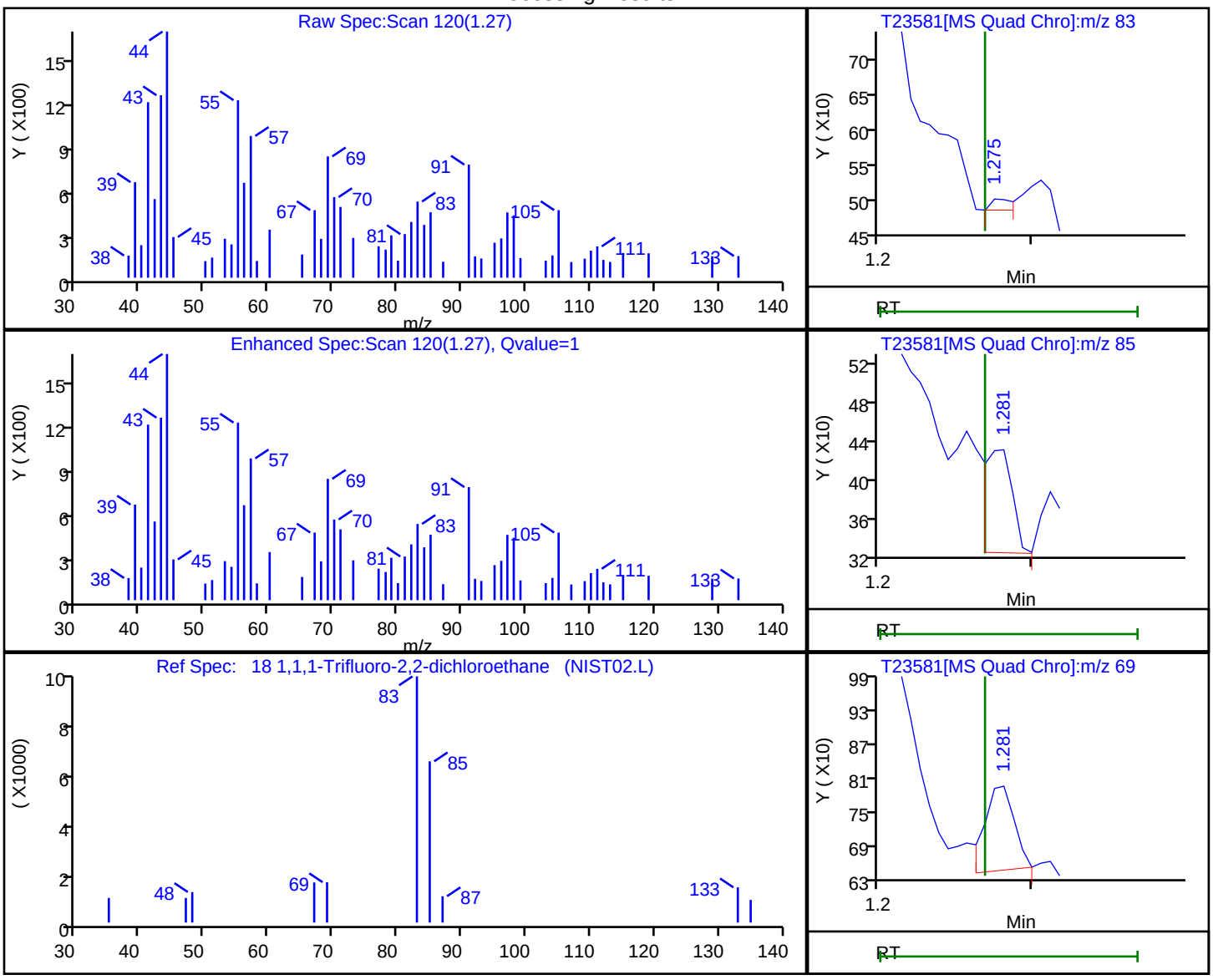
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
1.27	83.00	16	0.003524
1.28	85.00	134	
1.28	69.00	200	
1.28	67.00	133	

Reviewer: desais, 04-Oct-2019 07:05:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

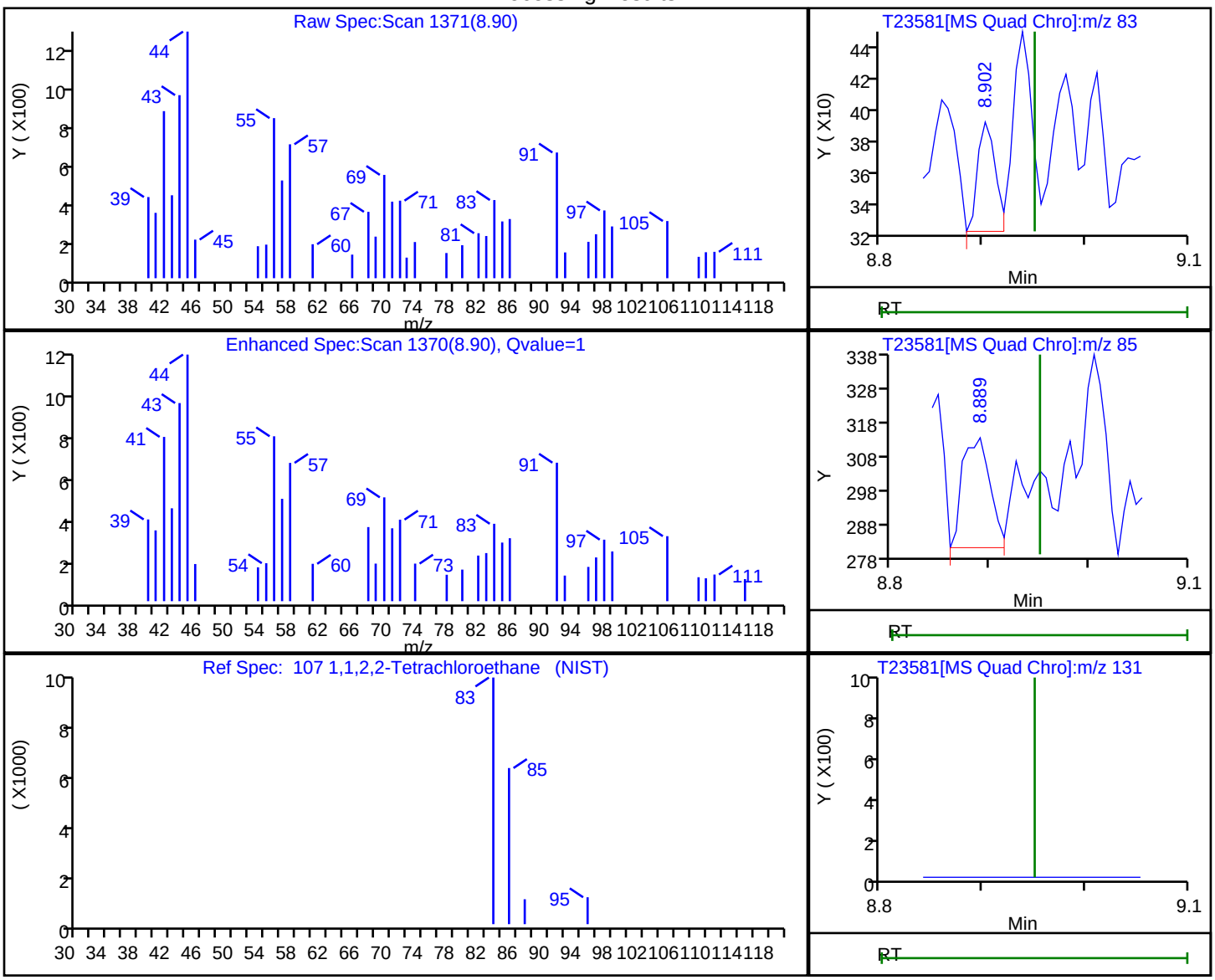
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
8.90	83.00	78	0.026916
8.89	85.00	64	
8.95	131.00	0	

Reviewer: desais, 04-Oct-2019 07:06:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

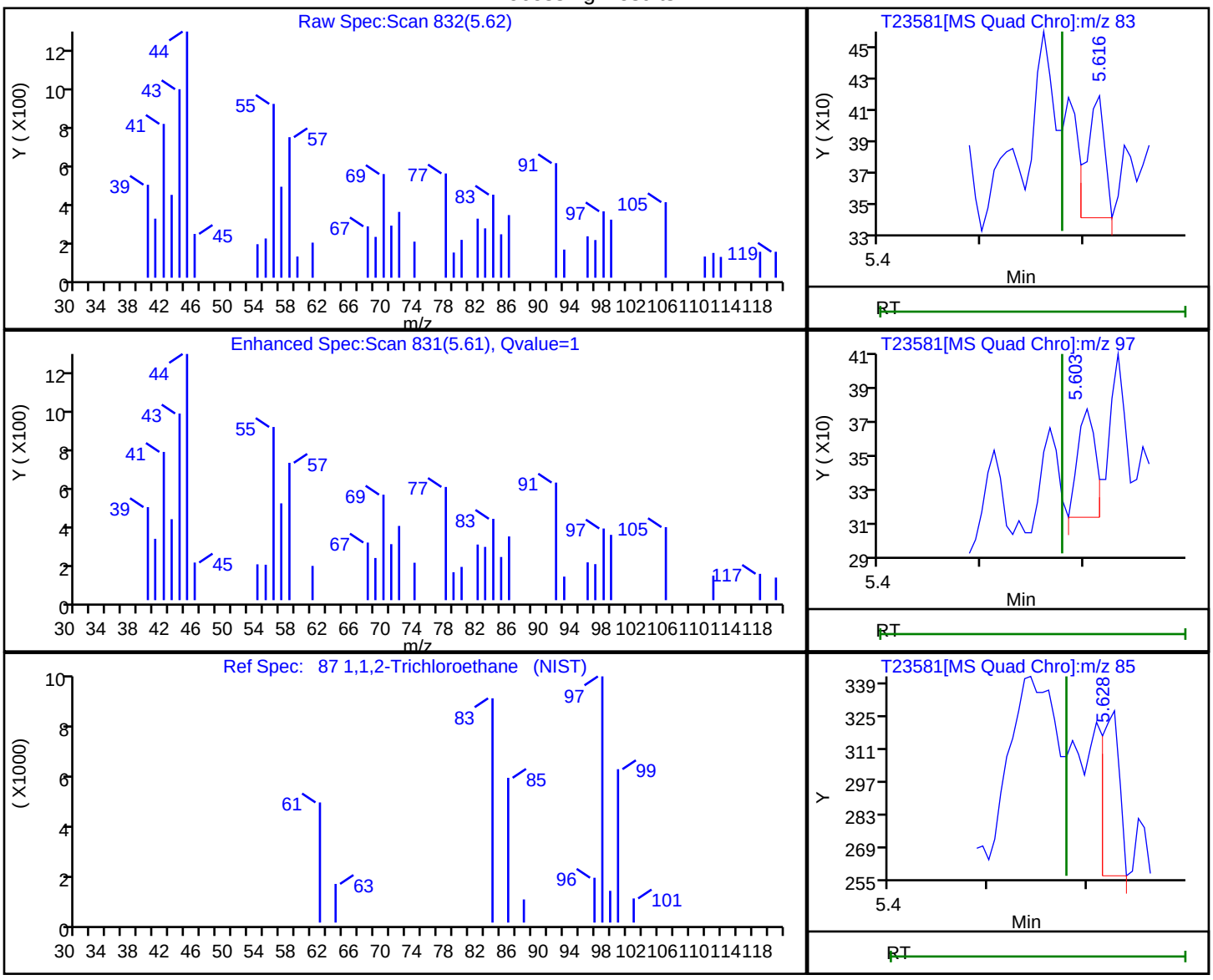
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.62	83.00	89	0.037547
5.60	97.00	77	
5.63	85.00	87	

Reviewer: desais, 04-Oct-2019 07:06:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

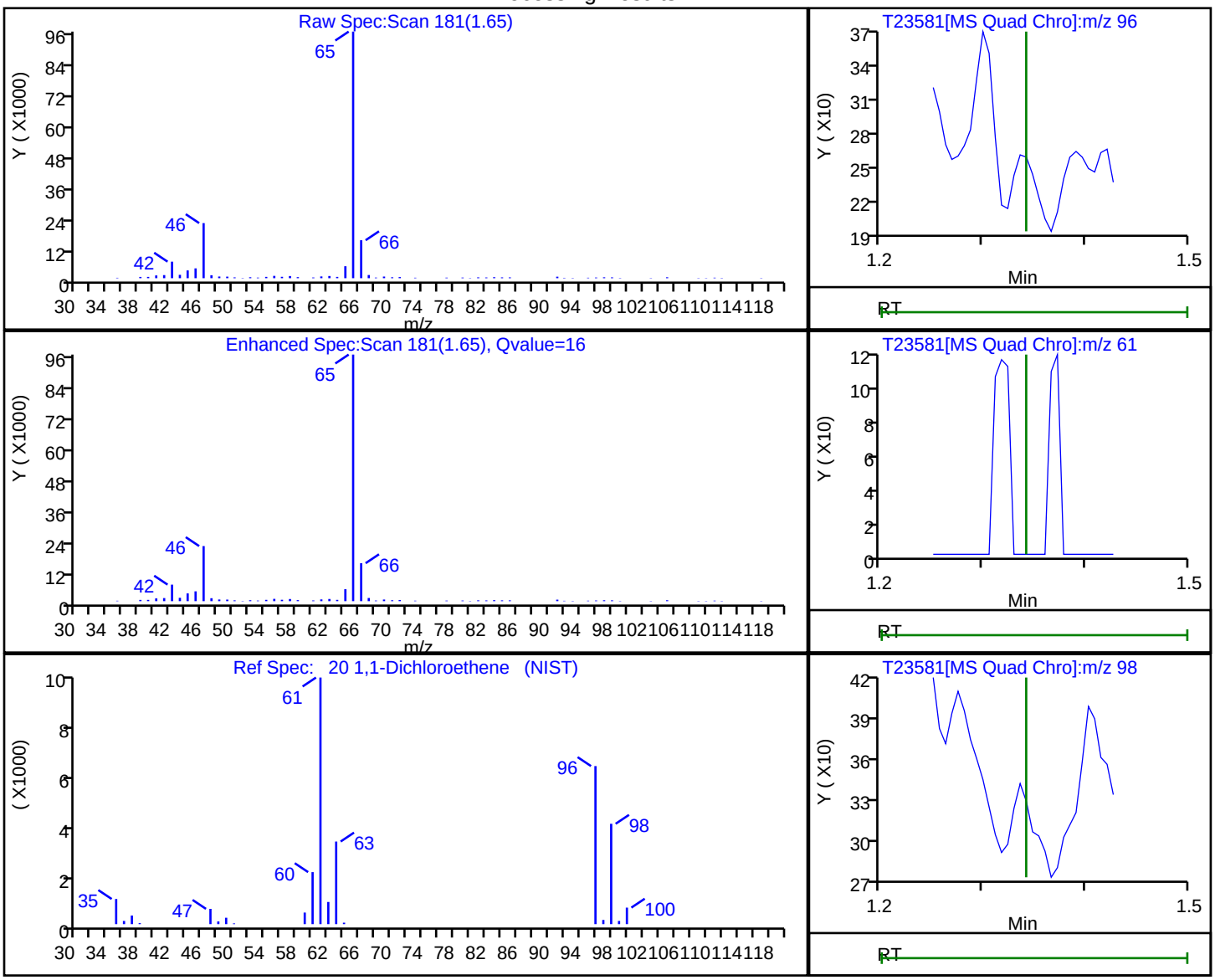
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D		
Injection Date:	03-Oct-2019 22:42:41	Instrument ID:	CVOAMS15
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
1.65	96.00	72	0.023242
1.64	61.00	1831	
1.65	98.00	15	
1.64	63.00	1271	

Reviewer: desais, 04-Oct-2019 07:05:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

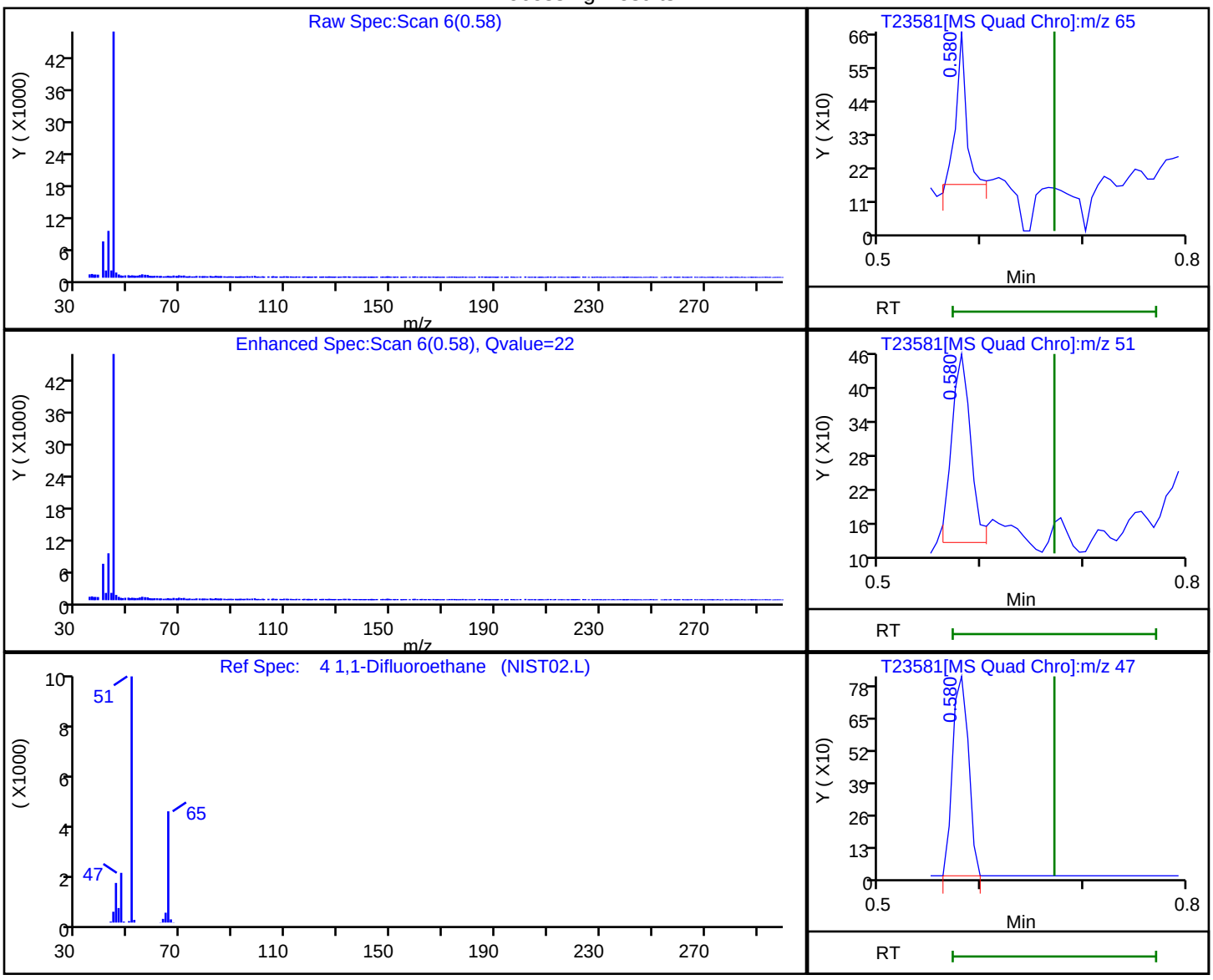
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
0.58	65.00	344	0.075916
0.58	51.00	420	
0.58	47.00	891	

Reviewer: desais, 04-Oct-2019 07:05:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

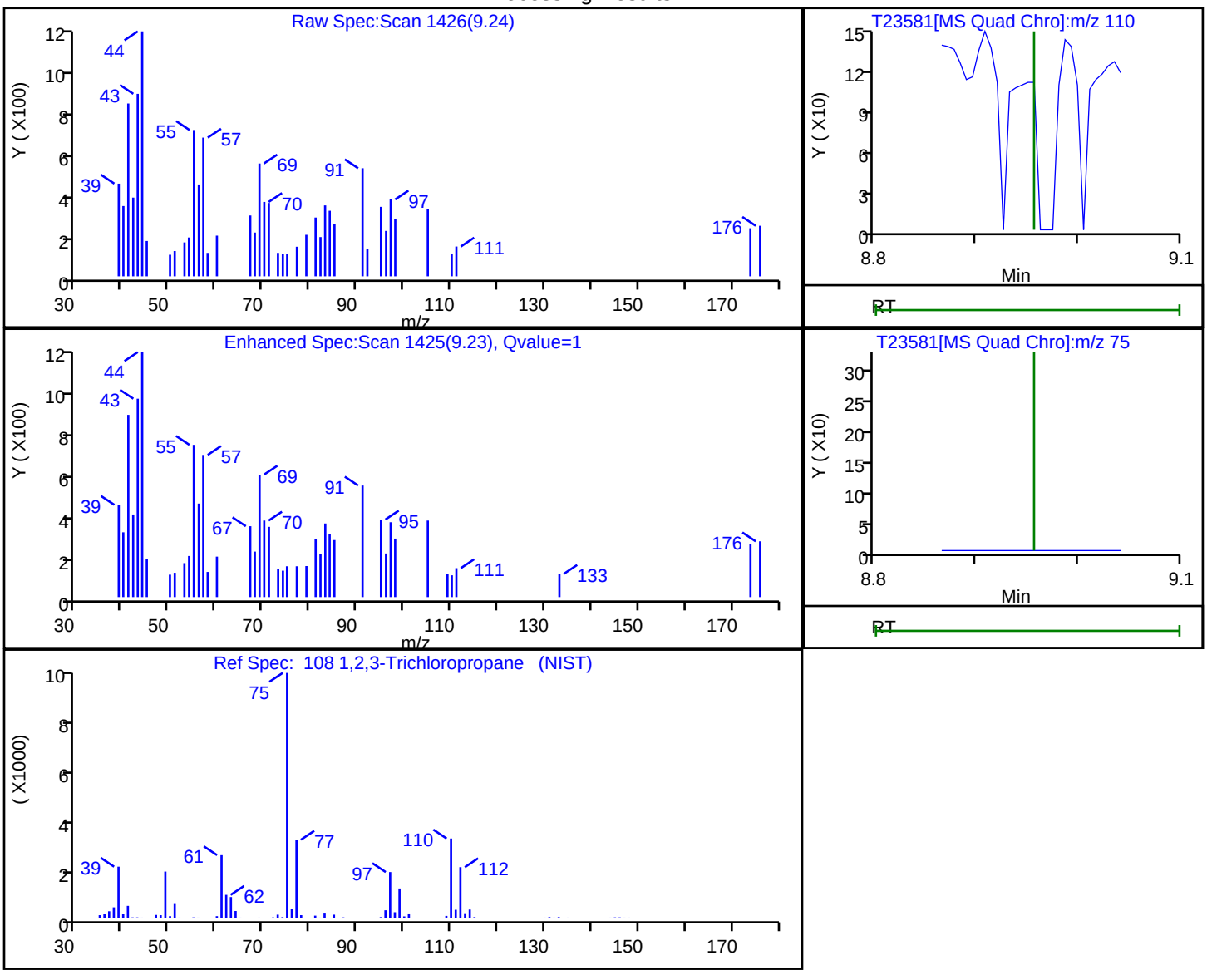
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

108 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.24	110.00	118	0.101858
9.22	75.00	201	

Reviewer: desais, 04-Oct-2019 07:06:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

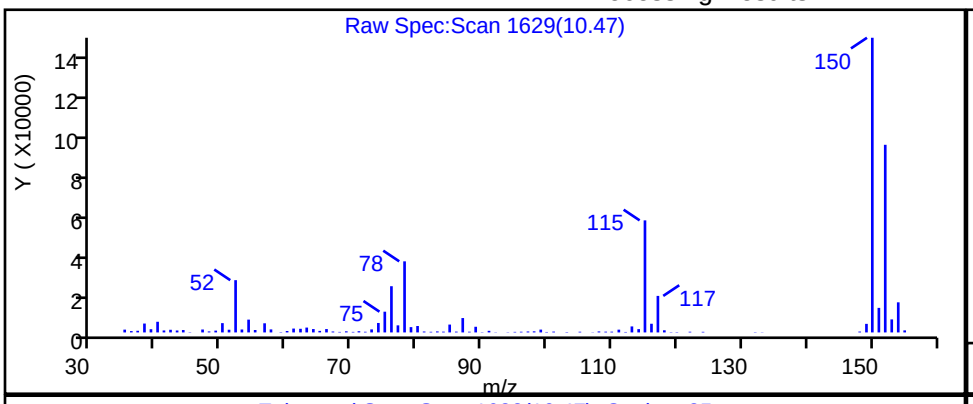
User Disabled Compound Report

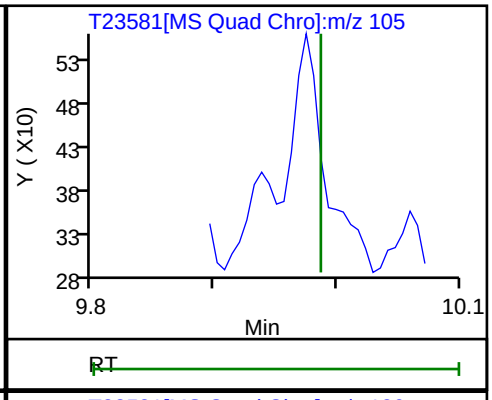
Eurofins TestAmerica, Edison

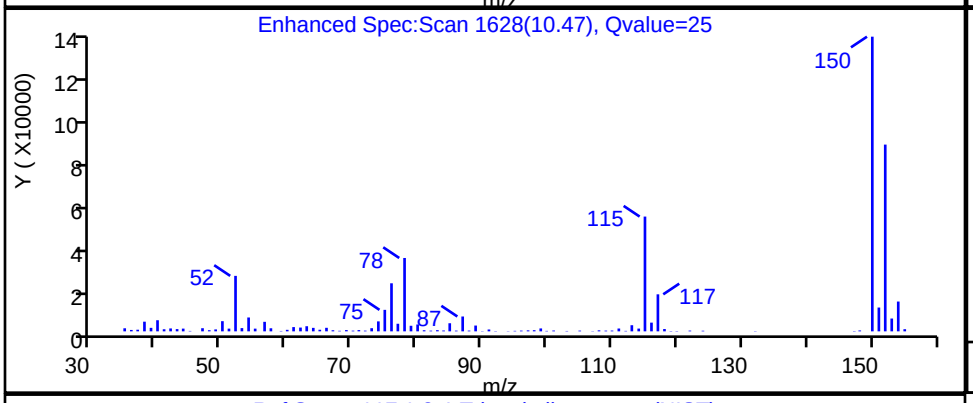
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

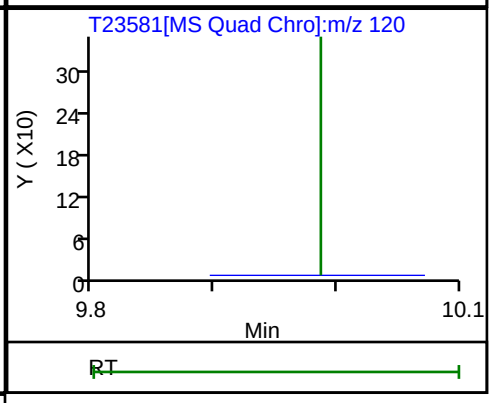
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

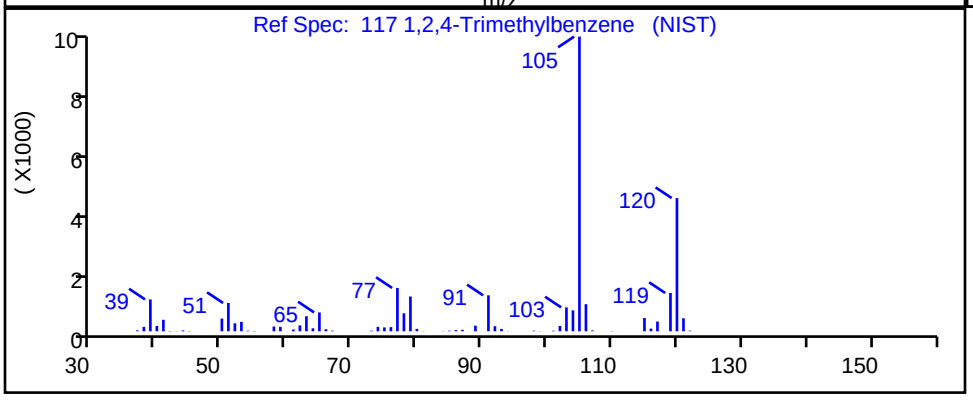
Processing Results











RT	Mass	Response	Amount
10.47	105.00	101	0.009223
10.48	120.00	320	

Reviewer: desais, 04-Oct-2019 07:06:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

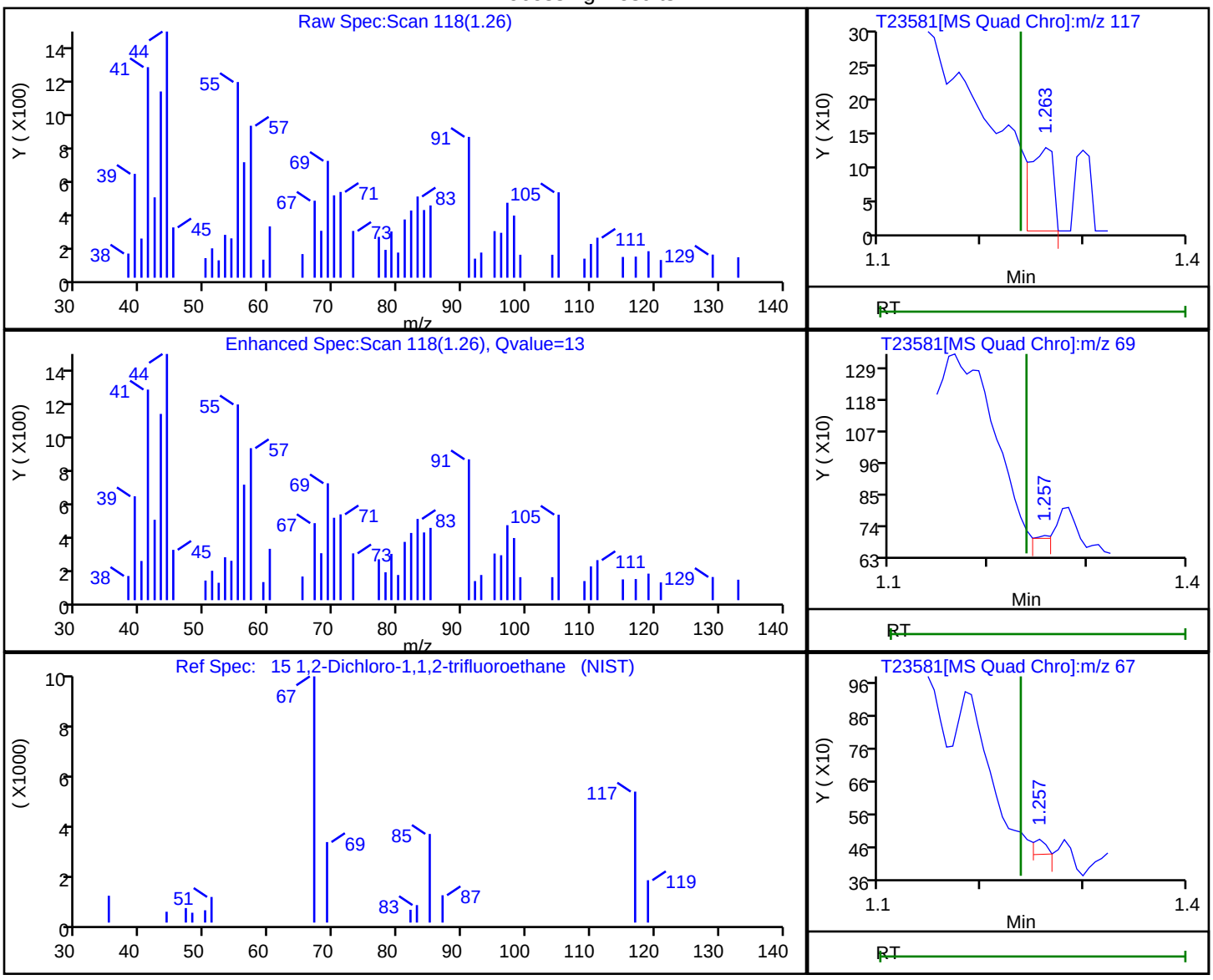
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
1.26	117.00	206	0.067189
1.26	69.00	8	
1.26	67.00	41	
1.25	119.00	65	

Reviewer: desais, 04-Oct-2019 07:05:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

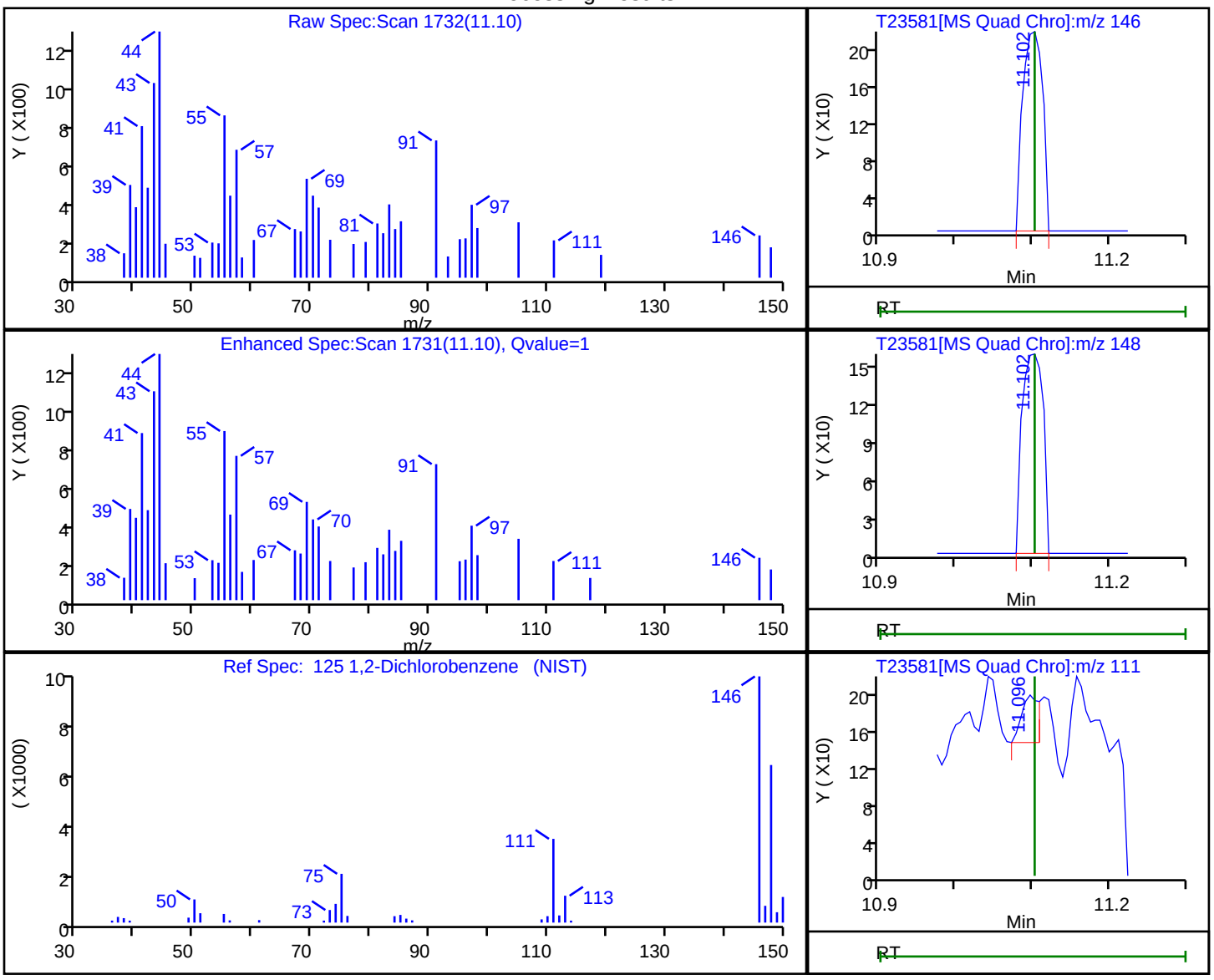
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

125 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.10	146.00	385	0.071876
11.10	148.00	291	
11.10	111.00	81	

Reviewer: desais, 04-Oct-2019 07:06:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

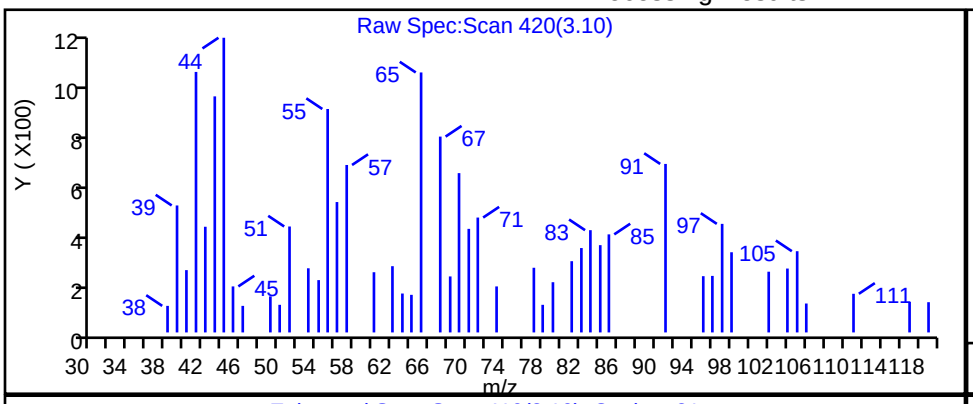
User Disabled Compound Report

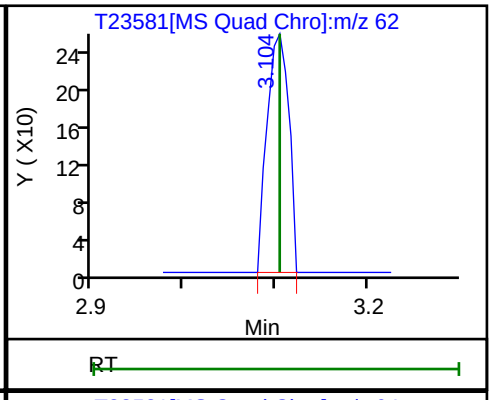
Eurofins TestAmerica, Edison

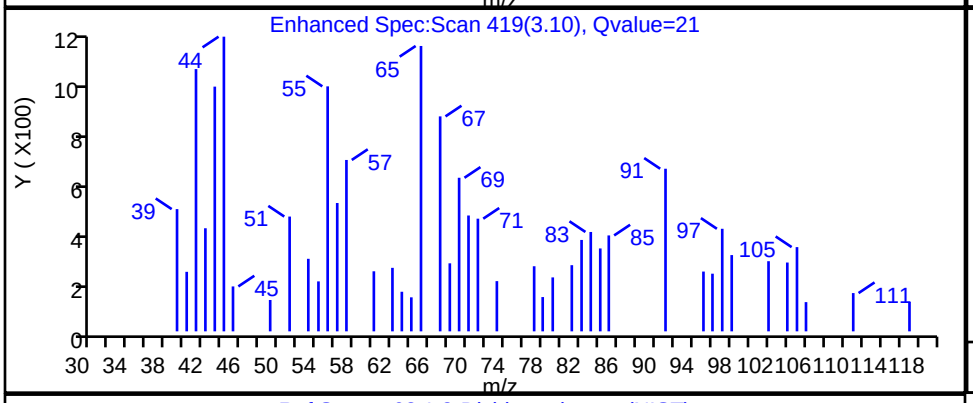
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

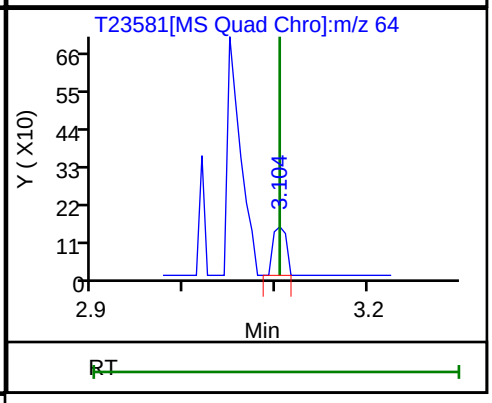
62 1,2-Dichloroethane, CAS: 107-06-2

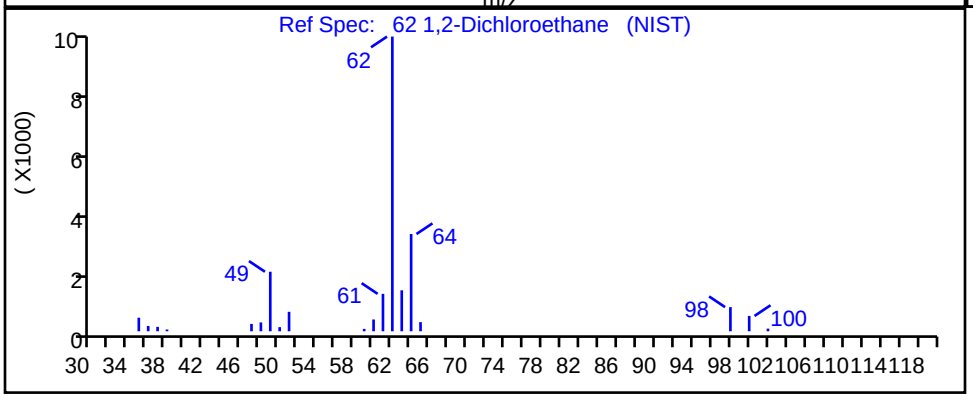
Processing Results











RT	Mass	Response	Amount
3.10	62.00	415	0.103966
3.10	64.00	144	

Reviewer: desais, 04-Oct-2019 07:05:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

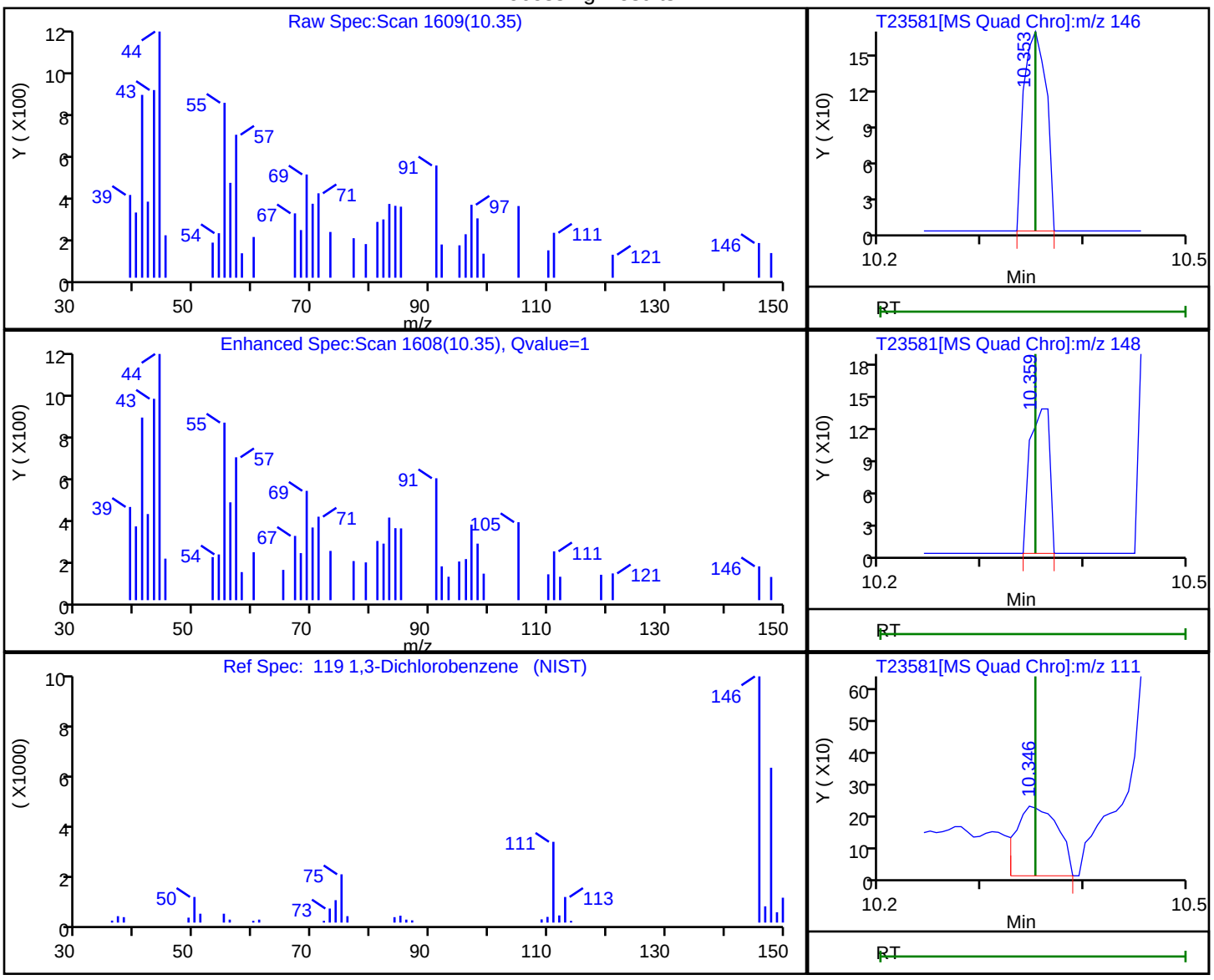
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.35	146.00	252	0.044382
10.36	148.00	180	
10.35	111.00	629	

Reviewer: desais, 04-Oct-2019 07:06:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

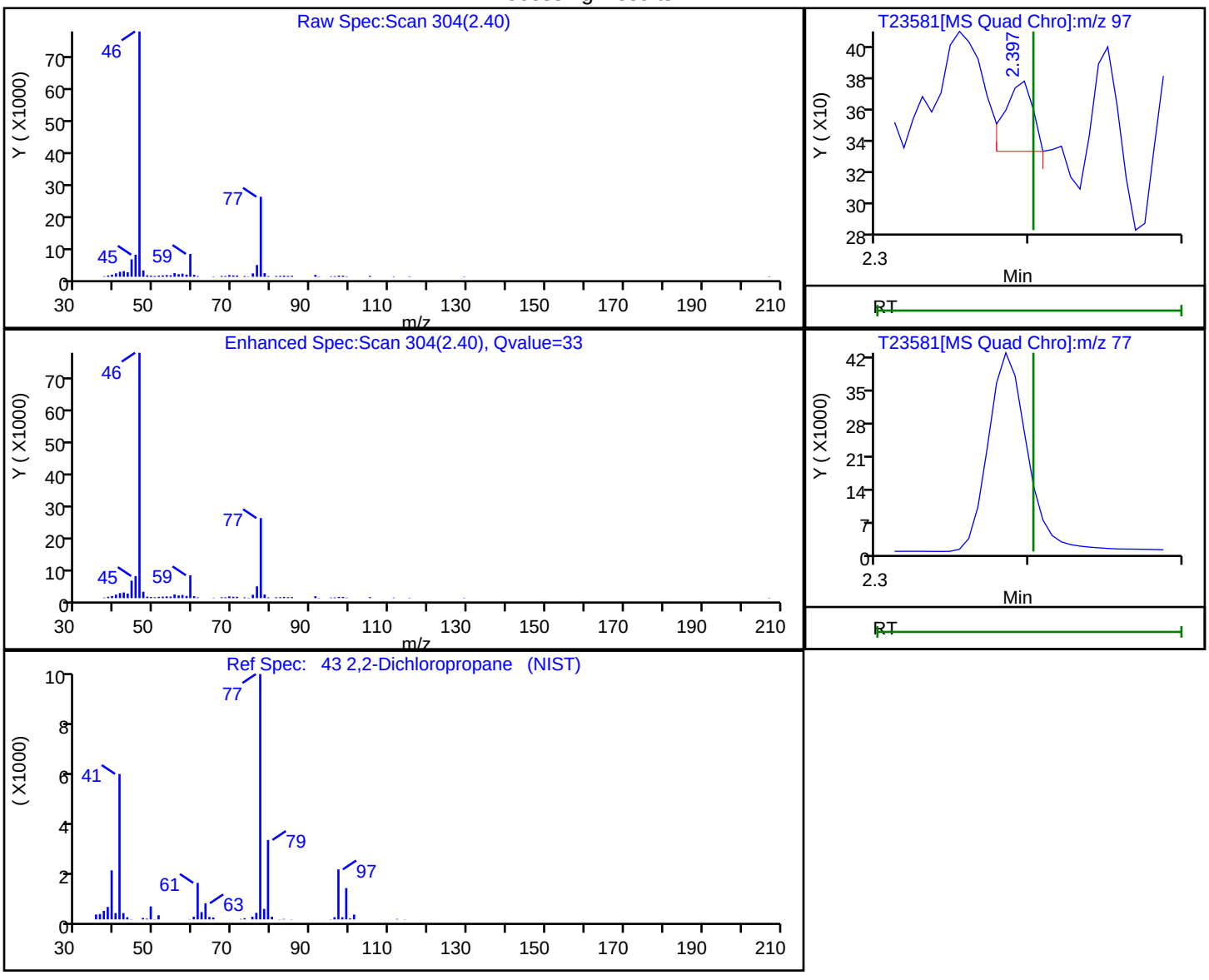
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
2.40	97.00	52	0.039957
2.38	77.00	76835	

Reviewer: desais, 04-Oct-2019 07:05:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

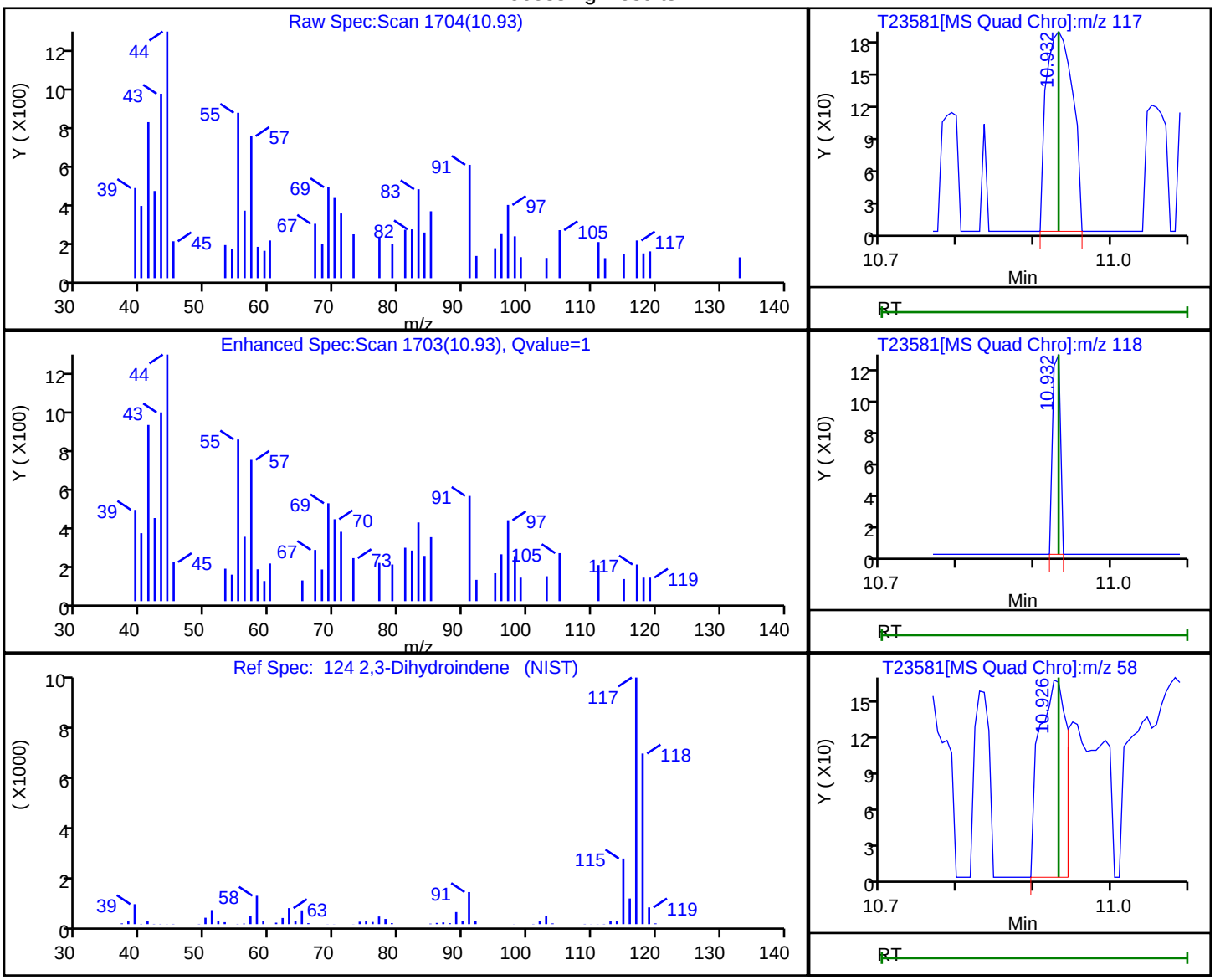
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.93	117.00	456	0.043749
10.93	118.00	89	
10.93	58.00	391	

Reviewer: desais, 04-Oct-2019 07:06:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

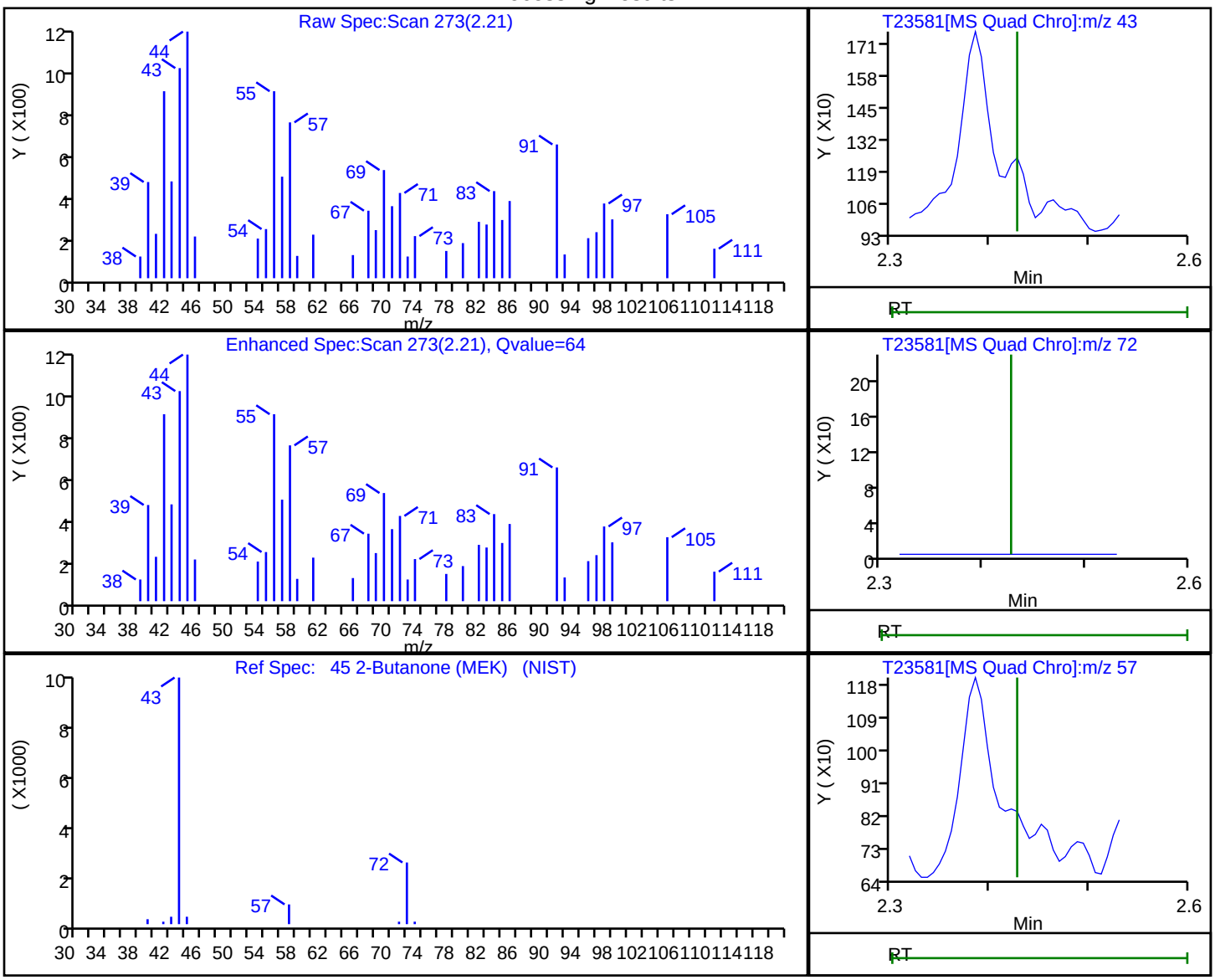
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
2.21	43.00	106	0.124905
2.21	72.00	117	
2.21	57.00	57	

Reviewer: desais, 04-Oct-2019 07:05:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

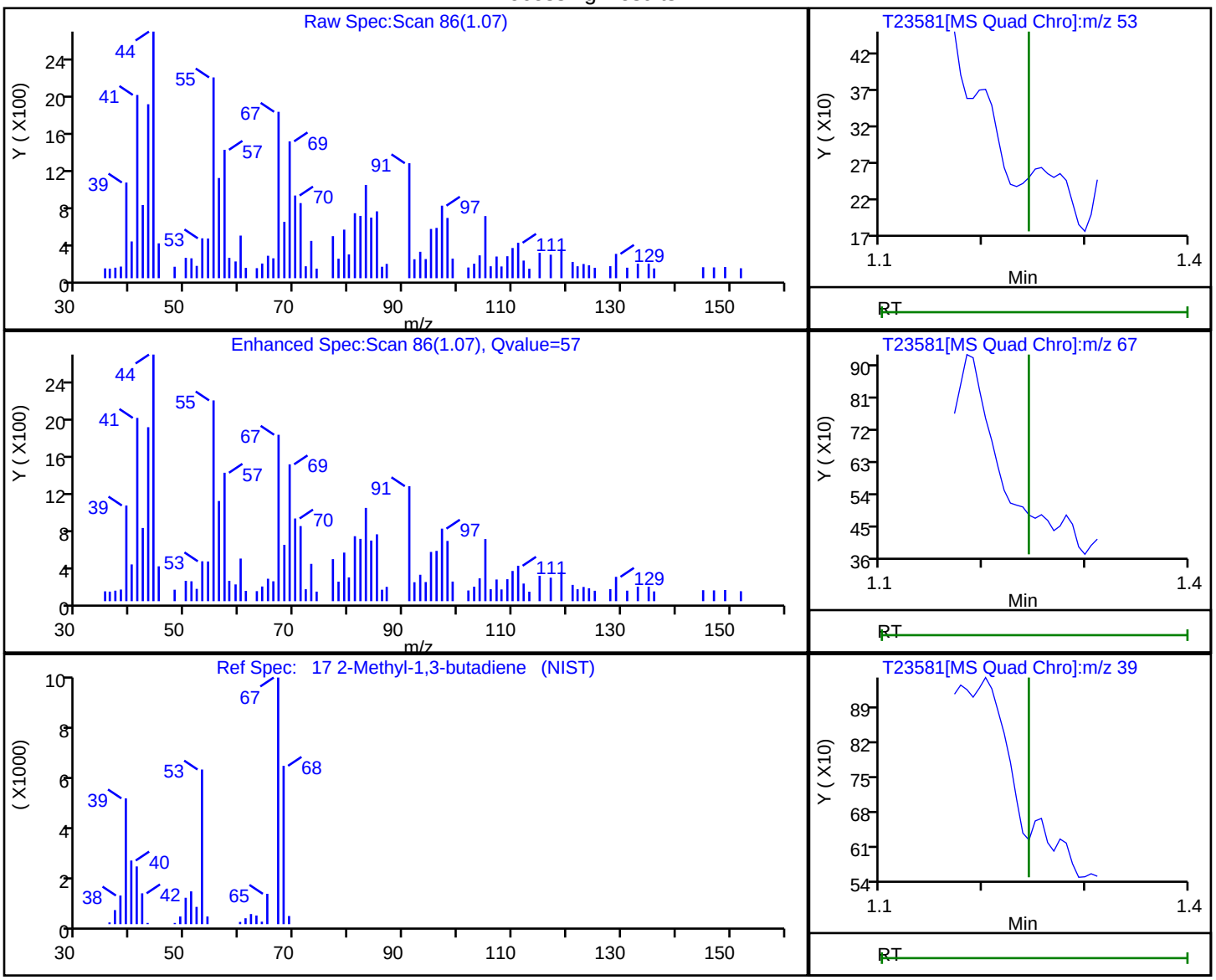
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.07	53.00	70	0.028487
1.07	67.00	1452	
1.07	39.00	151	

Reviewer: desais, 04-Oct-2019 07:05:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

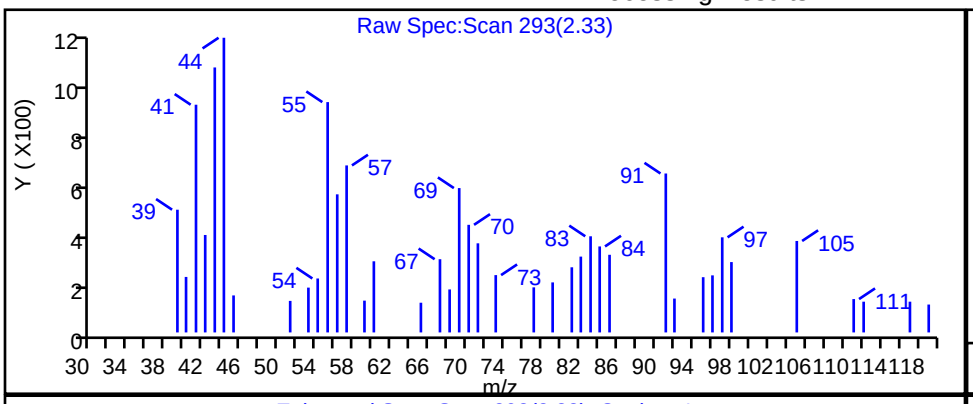
User Disabled Compound Report

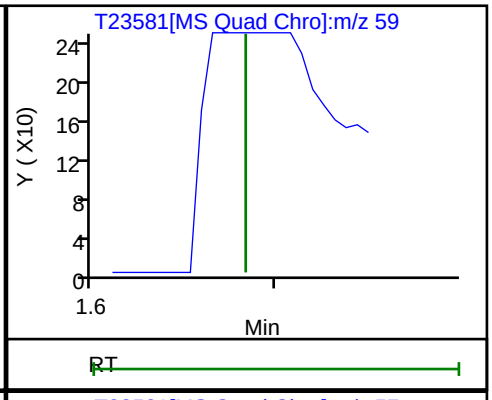
Eurofins TestAmerica, Edison

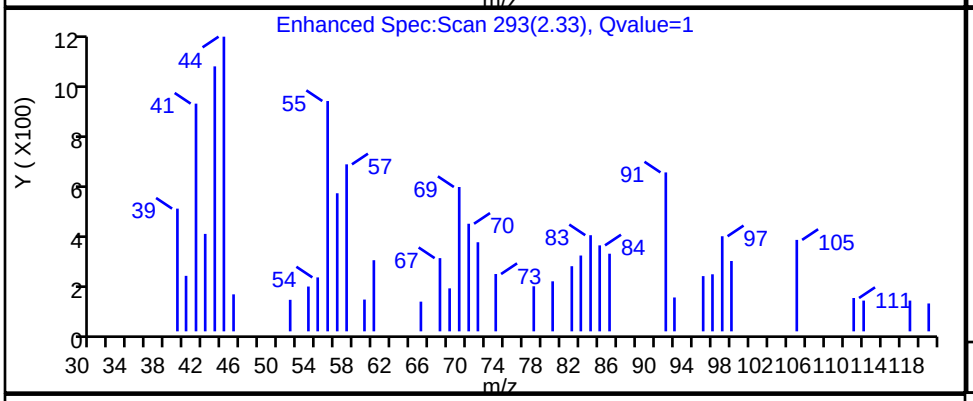
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

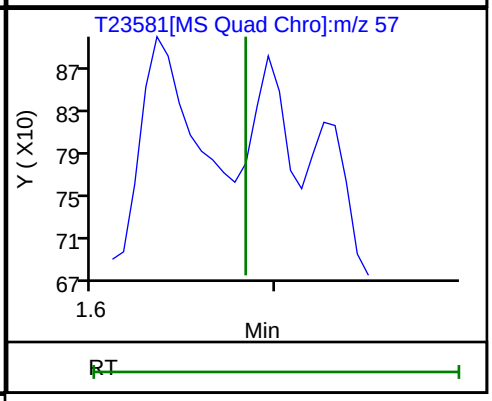
40 2-Methyl-2-propanol, CAS: 75-65-0

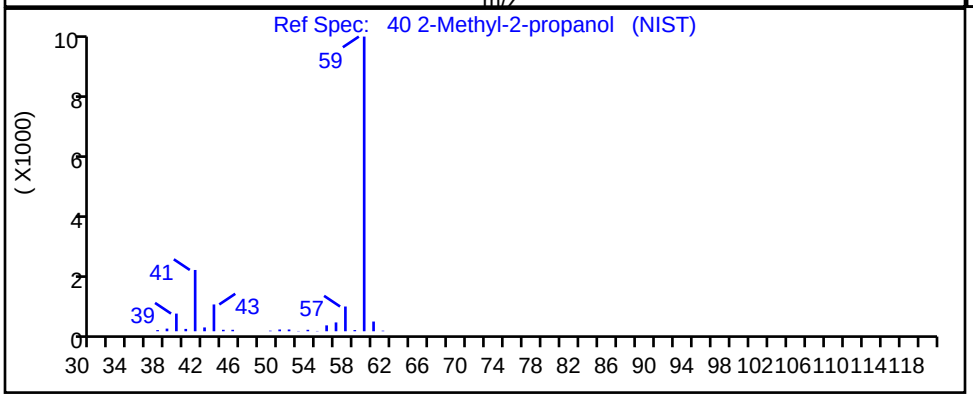
Processing Results











RT	Mass	Response	Amount
2.33	59.00	127	0.149237

Reviewer: desais, 04-Oct-2019 07:05:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

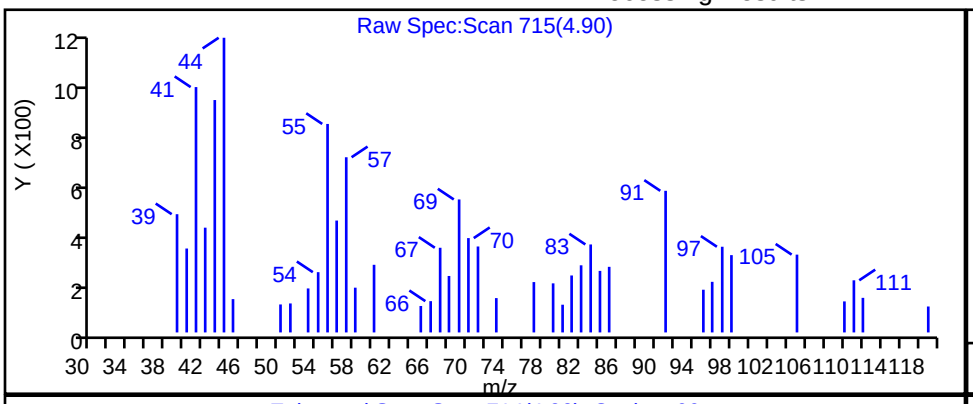
User Disabled Compound Report

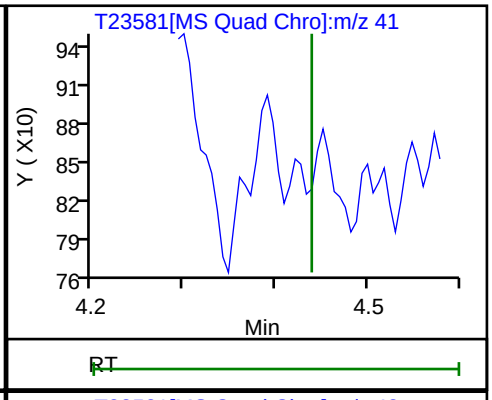
Eurofins TestAmerica, Edison

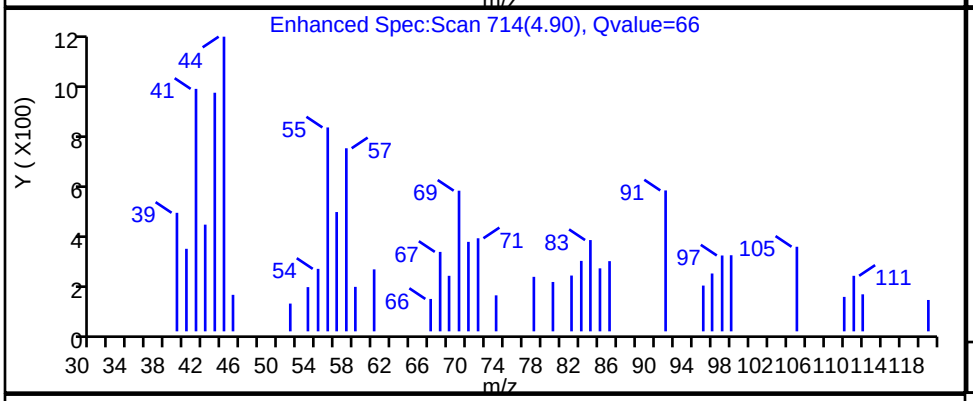
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D				
Injection Date:	03-Oct-2019 22:42:41	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

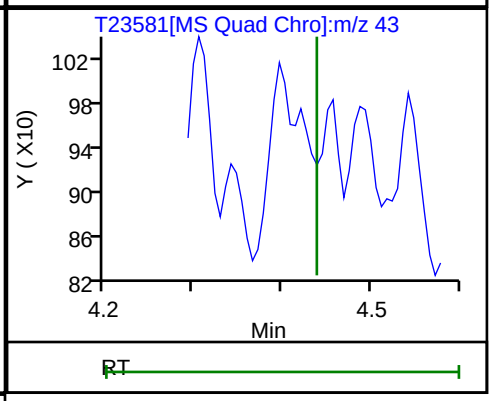
78 2-Nitropropane, CAS: 79-46-9

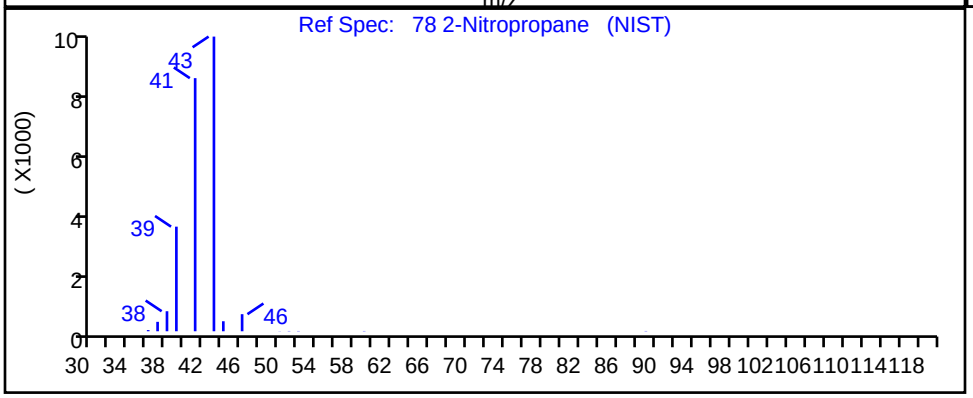
Processing Results











RT	Mass	Response	Amount
4.90	41.00	150	0.213996
4.91	43.00	74	

Reviewer: desais, 04-Oct-2019 07:05:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

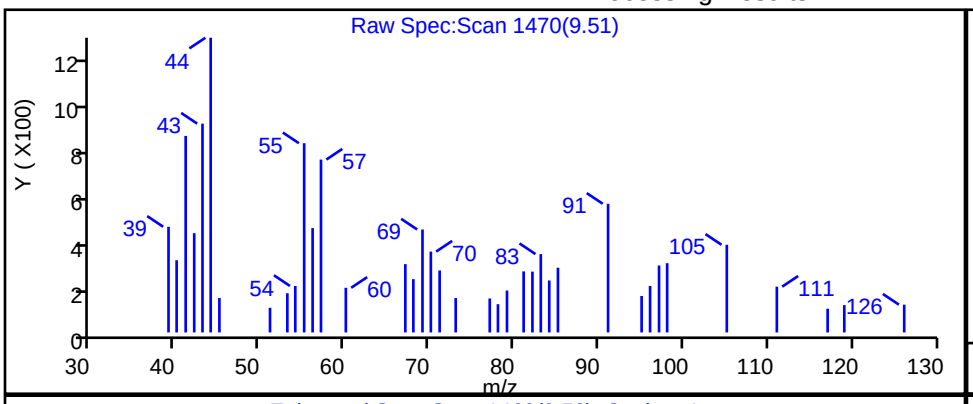
User Disabled Compound Report

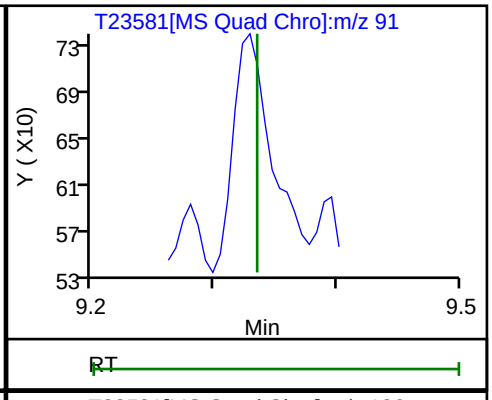
Eurofins TestAmerica, Edison

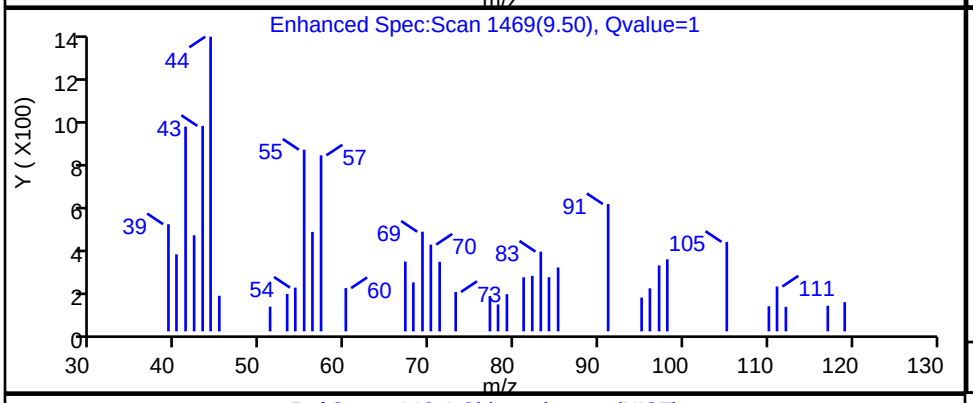
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

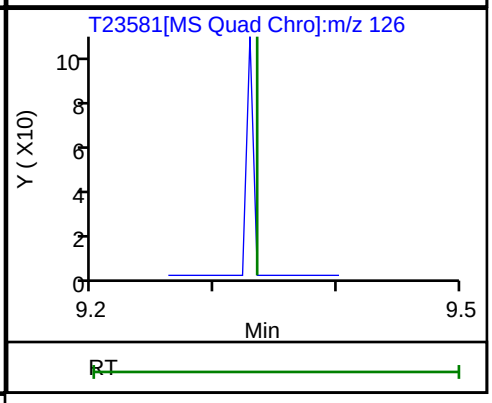
113 4-Chlorotoluene, CAS: 106-43-4

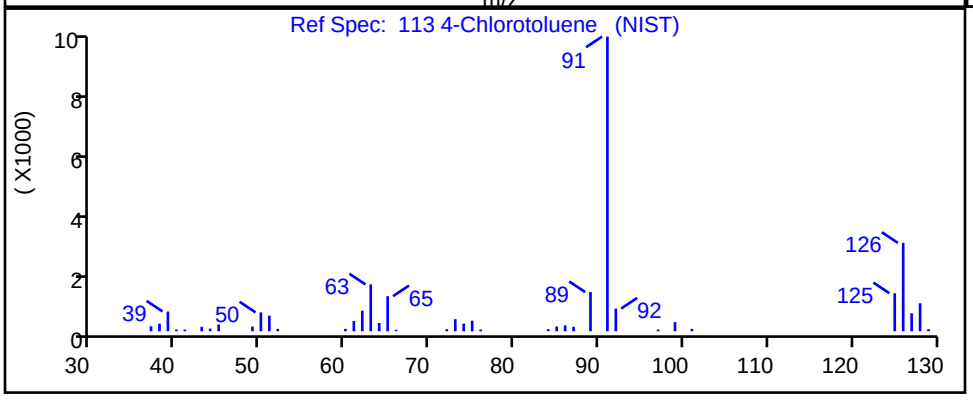
Processing Results











RT	Mass	Response	Amount
9.51	91.00	89	0.009997
9.51	126.00	87	

Reviewer: desais, 04-Oct-2019 07:06:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

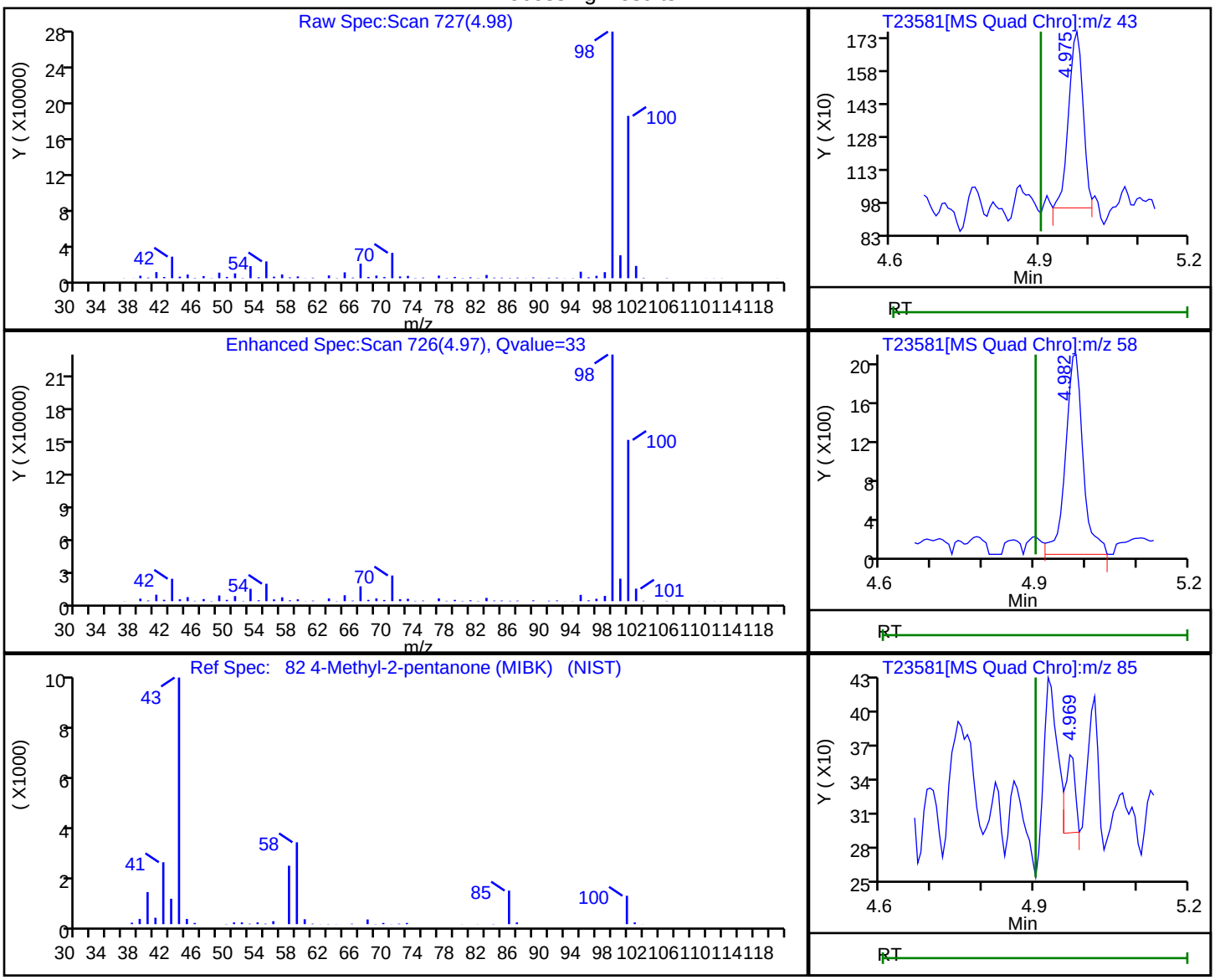
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
4.98	43.00	1662	0.814465
4.98	58.00	4805	
4.97	85.00	86	
4.98	100.00	389782	

Reviewer: desais, 04-Oct-2019 07:05:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

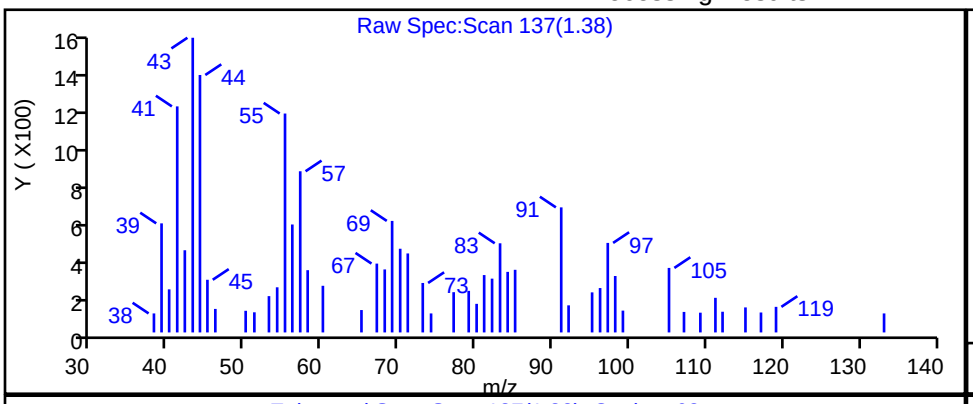
User Disabled Compound Report

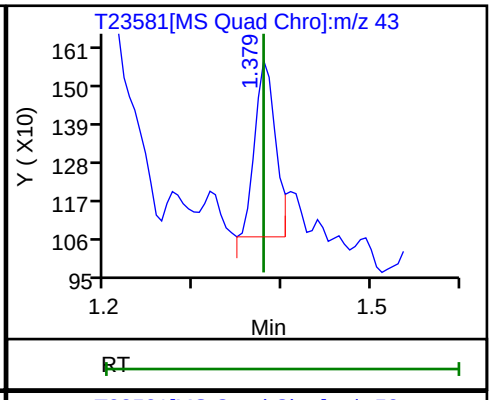
Eurofins TestAmerica, Edison

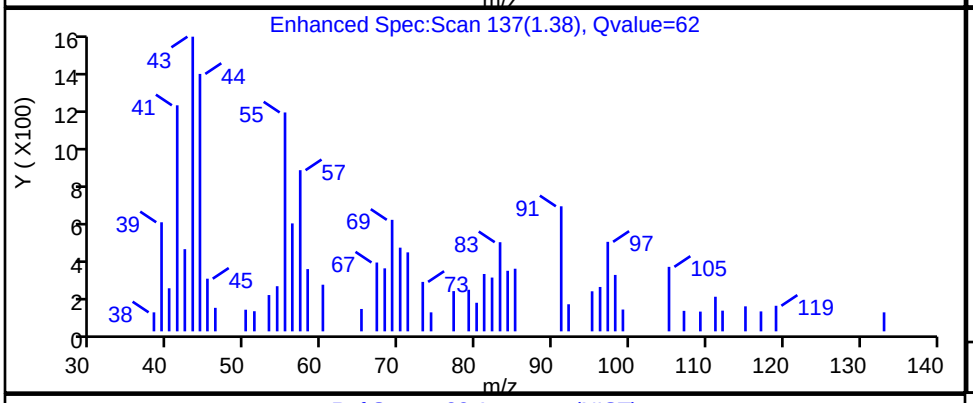
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

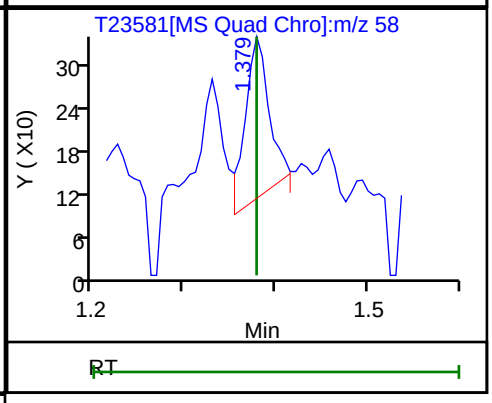
22 Acetone, CAS: 67-64-1

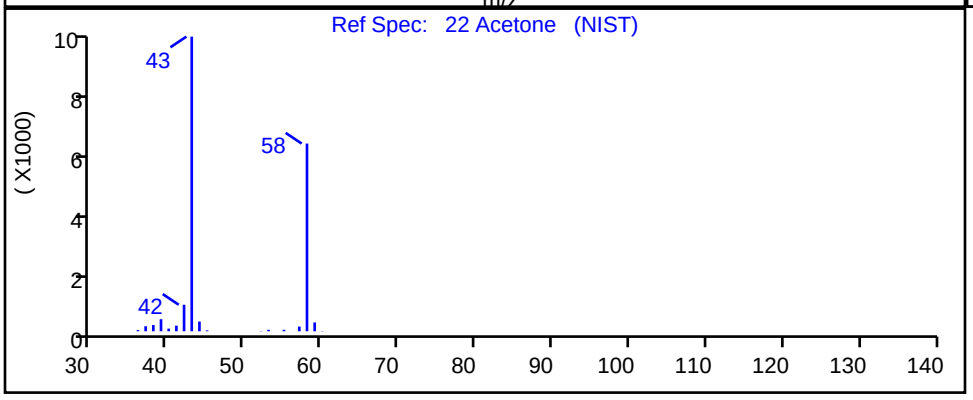
Processing Results











RT	Mass	Response	Amount
1.38	43.00	841	1.531271
1.38	58.00	410	

Reviewer: desais, 04-Oct-2019 07:05:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

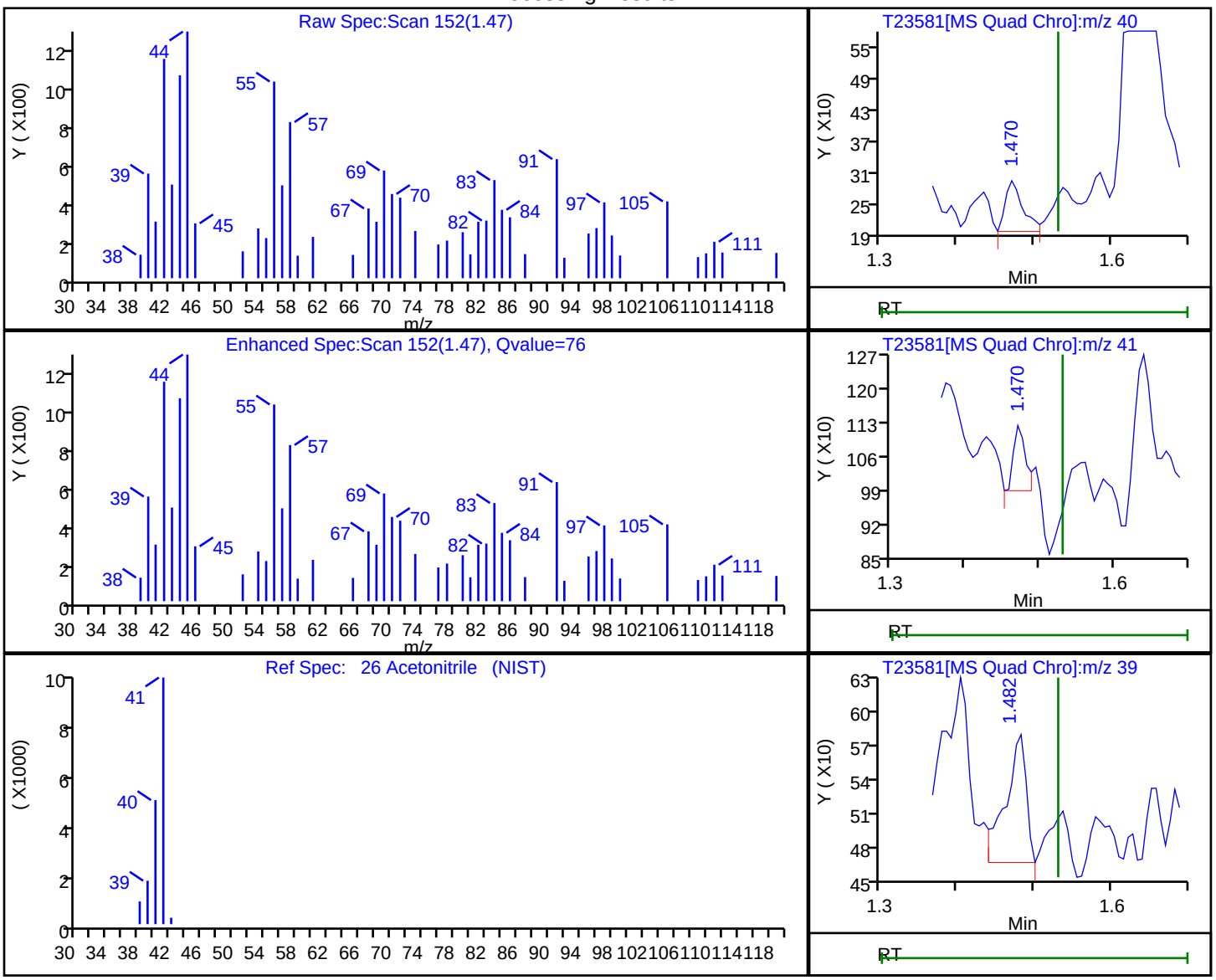
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.47	40.00	156	1.186837
1.47	41.00	151	
1.48	39.00	211	
1.48	38.00	263	

Reviewer: desais, 04-Oct-2019 07:05:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

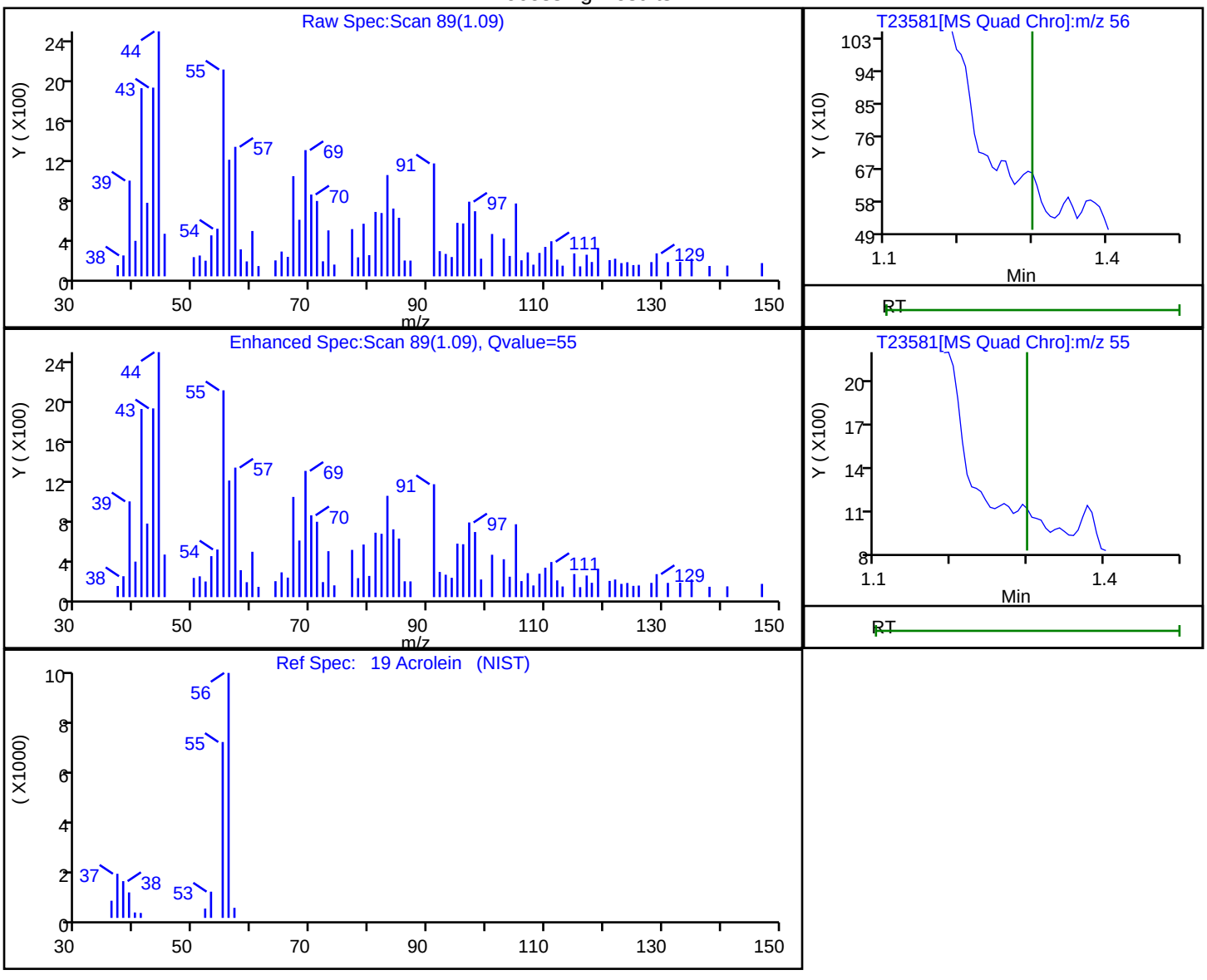
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
1.09	56.00	211	1.035422
1.07	55.00	617	

Reviewer: desais, 04-Oct-2019 07:05:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

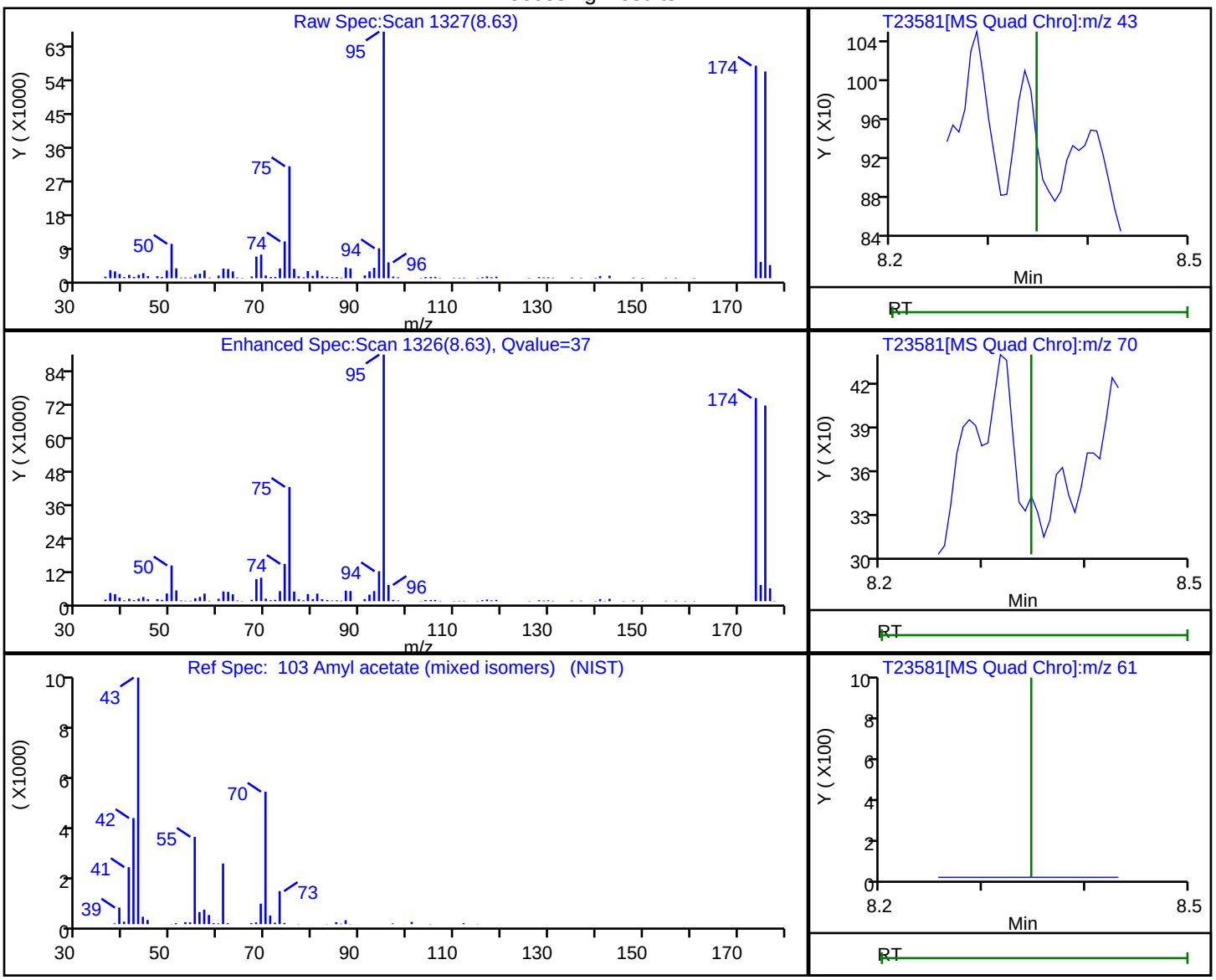
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.63	43.00	83	0.022226
8.62	70.00	1676	
8.62	61.00	8485	

Reviewer: desais, 04-Oct-2019 07:06:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

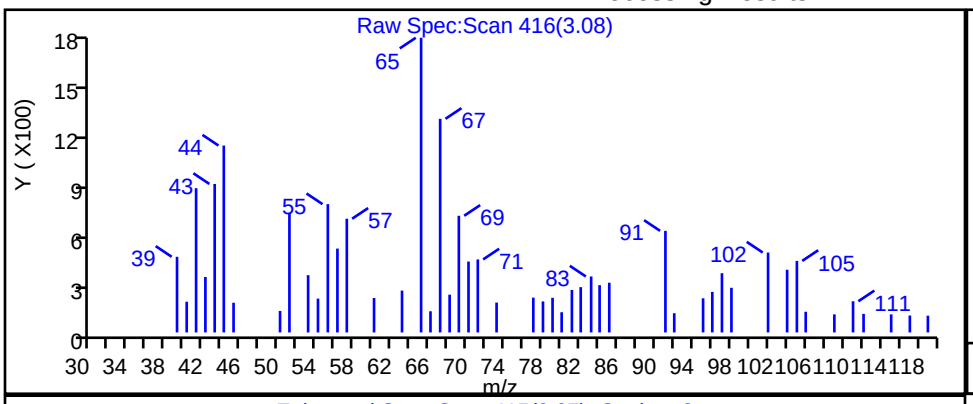
User Disabled Compound Report

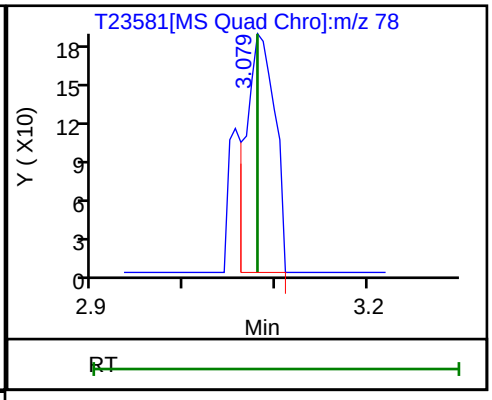
Eurofins TestAmerica, Edison

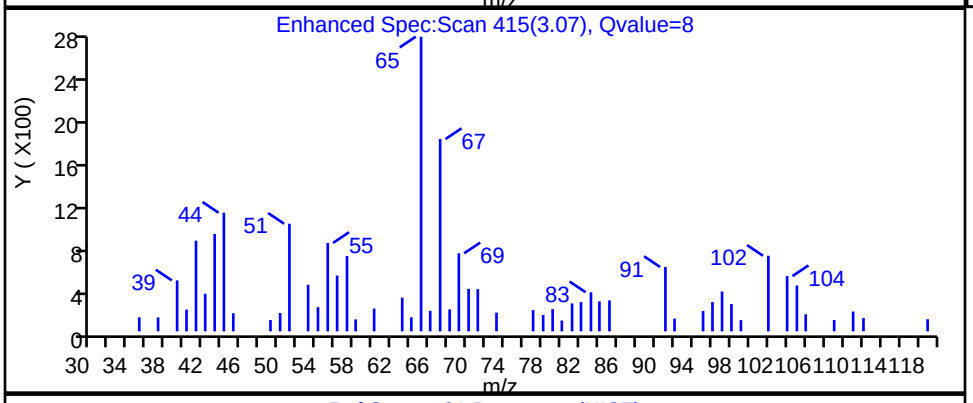
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

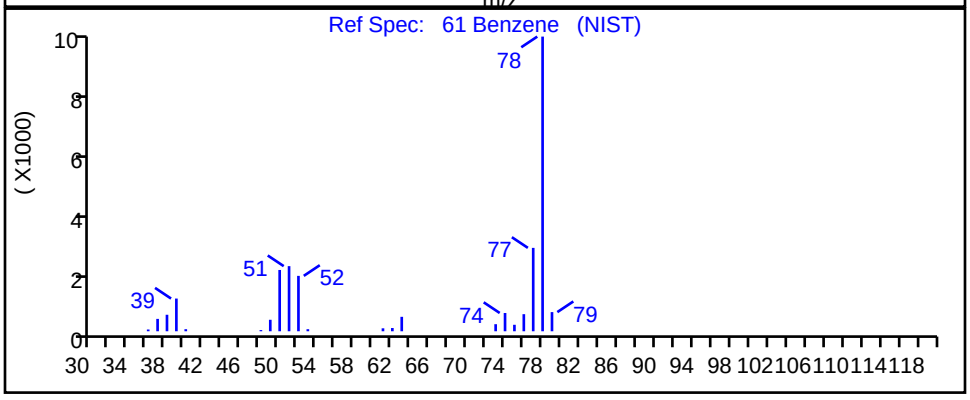
61 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
3.08	78.00	412	0.031919

Reviewer: desais, 04-Oct-2019 07:05:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

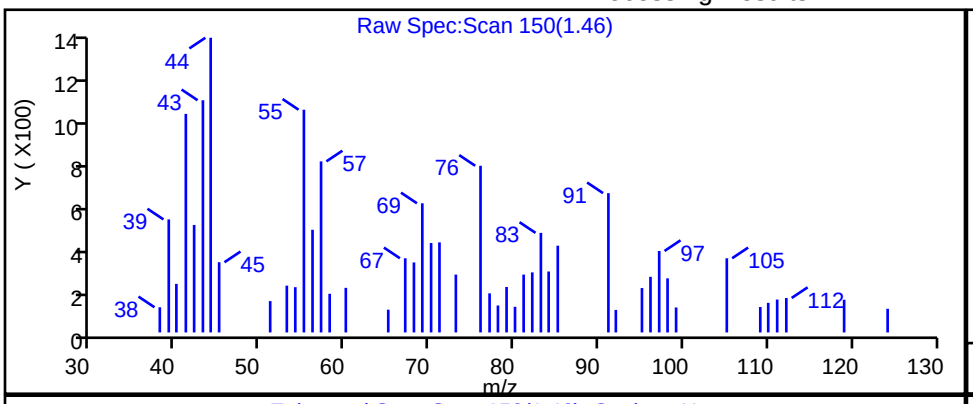
User Disabled Compound Report

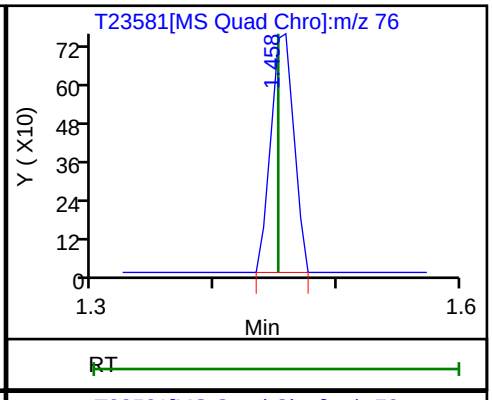
Eurofins TestAmerica, Edison

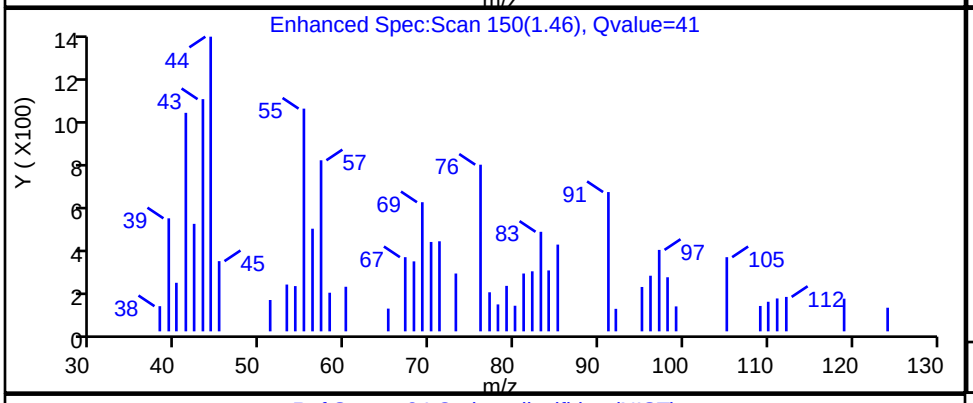
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D				
Injection Date:	03-Oct-2019 22:42:41	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

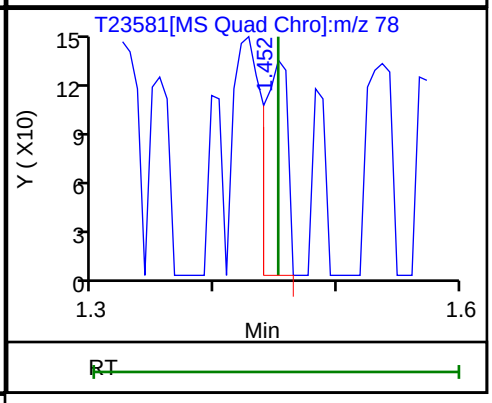
24 Carbon disulfide, CAS: 75-15-0

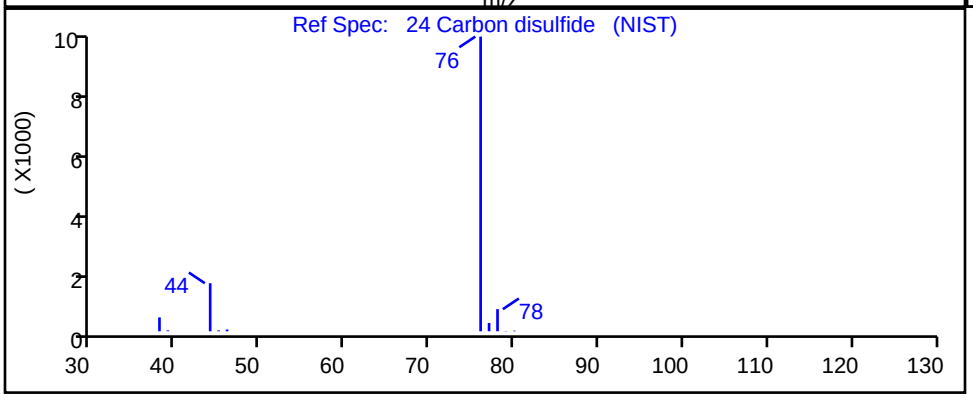
Processing Results











RT	Mass	Response	Amount
1.46	76.00	990	0.107248
1.45	78.00	169	

Reviewer: desais, 04-Oct-2019 07:05:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

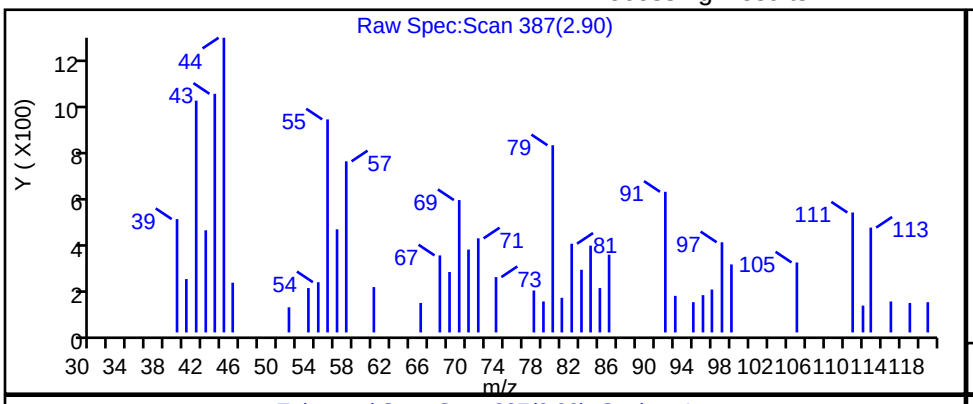
User Disabled Compound Report

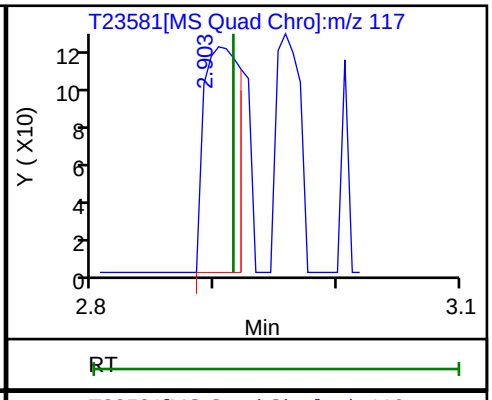
Eurofins TestAmerica, Edison

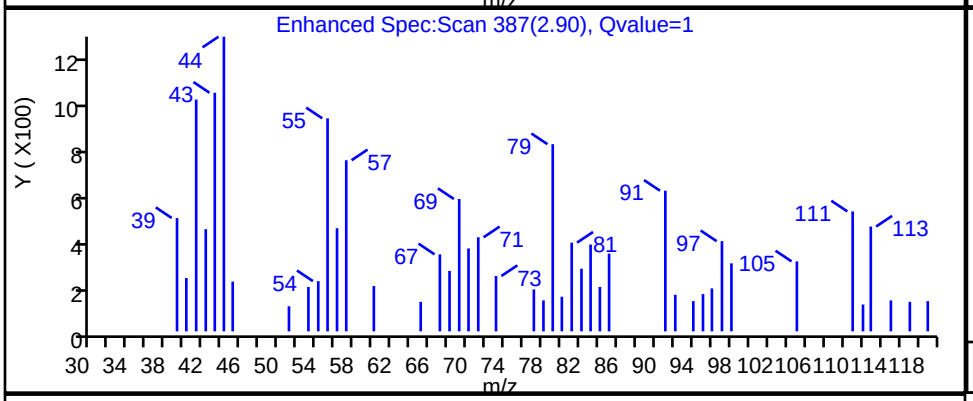
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D				
Injection Date:	03-Oct-2019 22:42:41	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

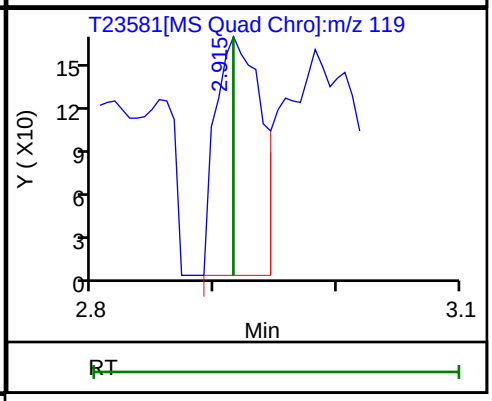
57 Carbon tetrachloride, CAS: 56-23-5

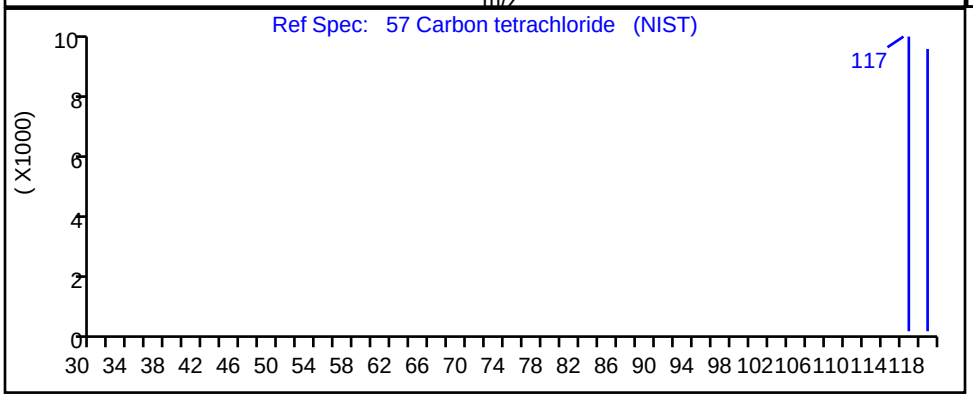
Processing Results











RT	Mass	Response	Amount
2.90	117.00	249	0.049775
2.91	119.00	440	

Reviewer: desais, 04-Oct-2019 07:05:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

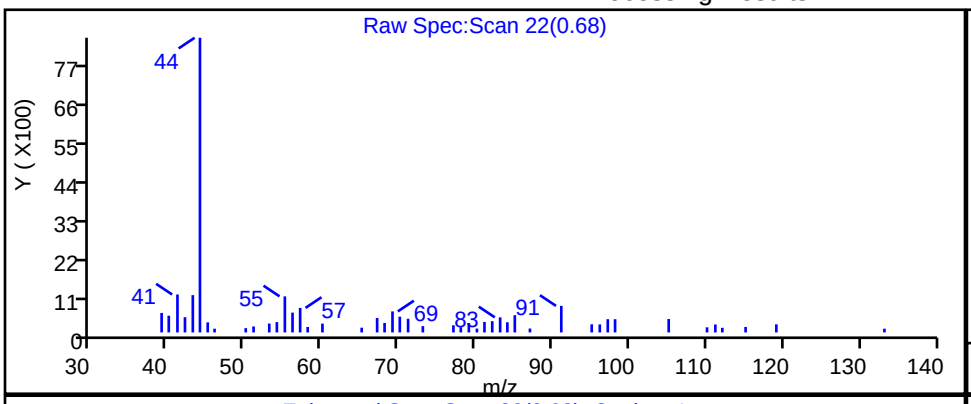
User Disabled Compound Report

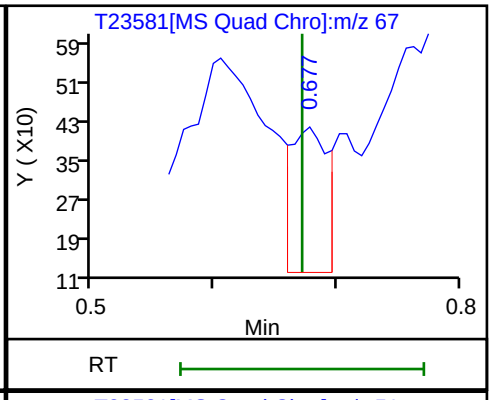
Eurofins TestAmerica, Edison

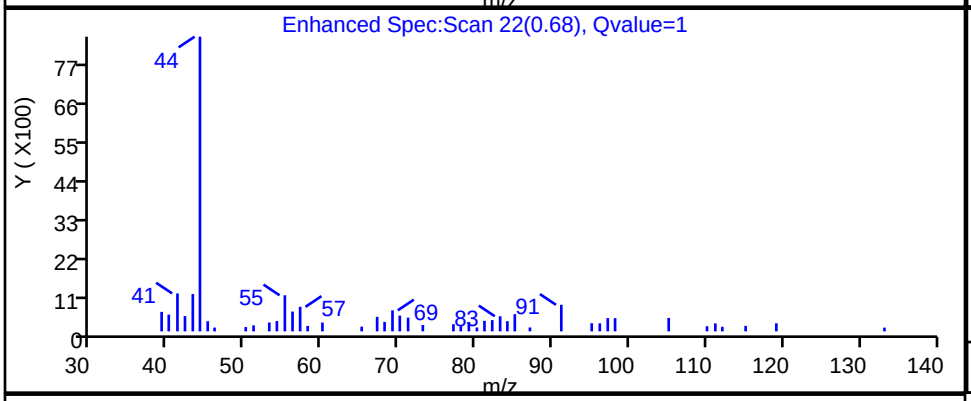
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

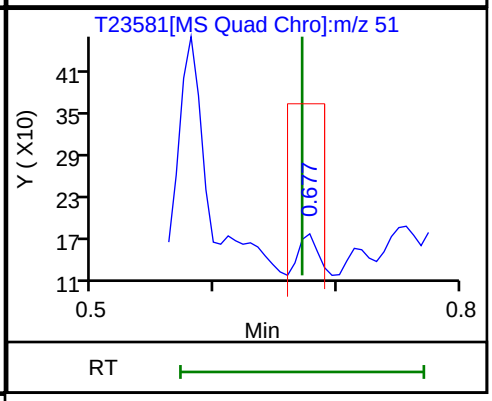
5 Chlorodifluoromethane, CAS: 75-45-6

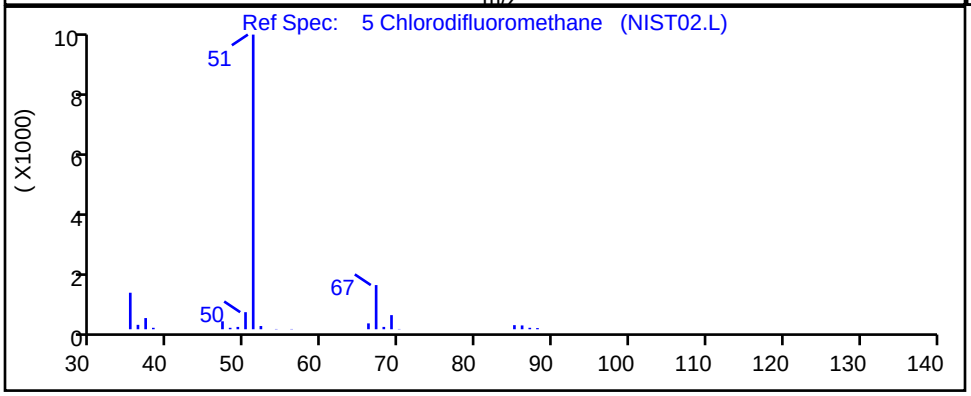
Processing Results











RT	Mass	Response	Amount
0.68	67.00	64	0.014124
0.68	51.00	62	

Reviewer: desais, 04-Oct-2019 07:05:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

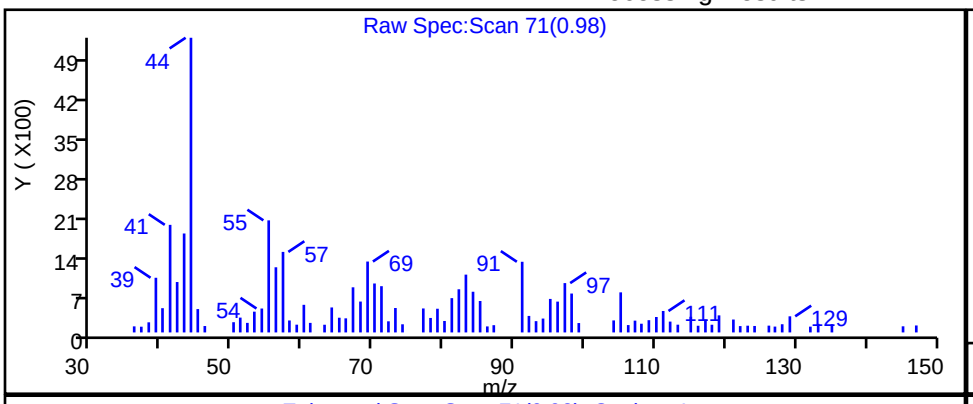
User Disabled Compound Report

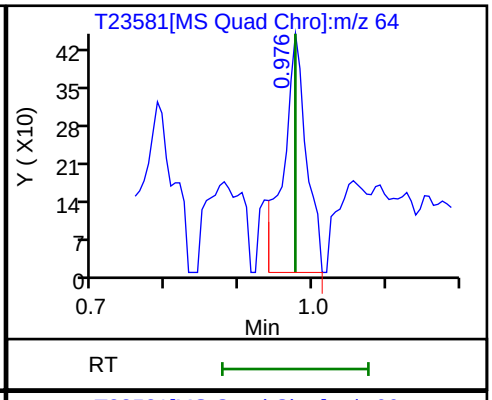
Eurofins TestAmerica, Edison

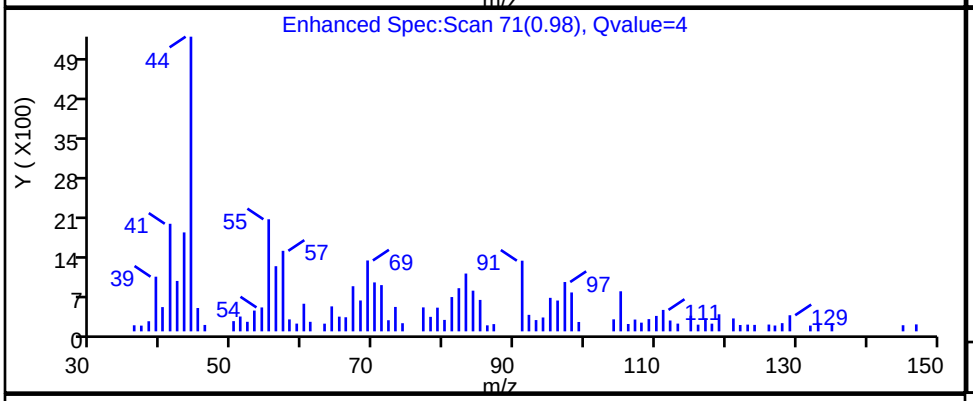
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

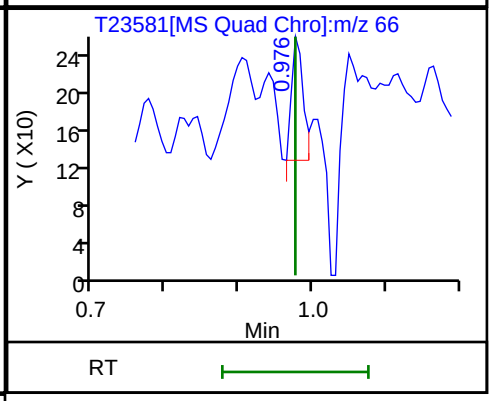
10 Chloroethane, CAS: 75-00-3

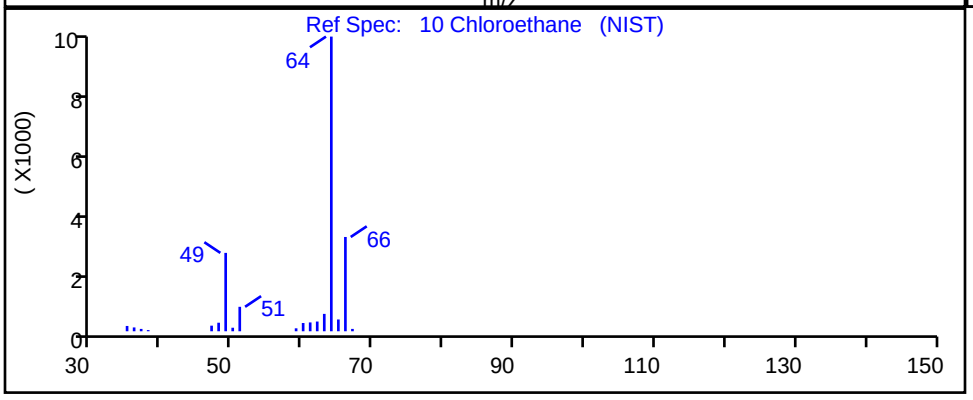
Processing Results











RT	Mass	Response	Amount
0.98	64.00	969	0.466266
0.98	66.00	143	

Reviewer: desais, 04-Oct-2019 07:05:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

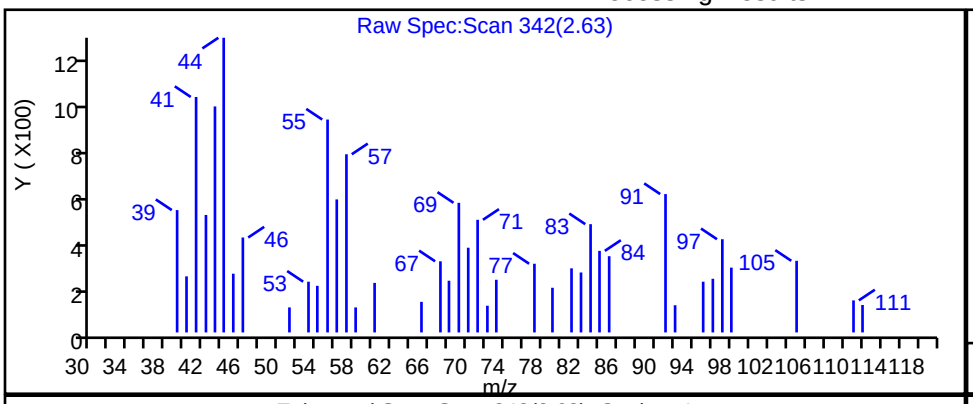
User Disabled Compound Report

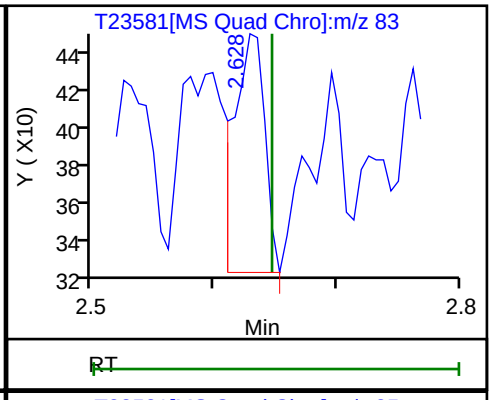
Eurofins TestAmerica, Edison

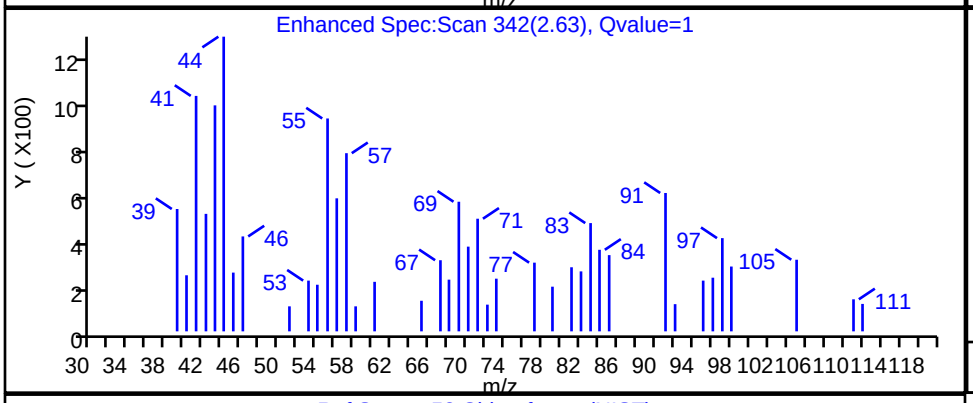
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D				
Injection Date:	03-Oct-2019 22:42:41	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

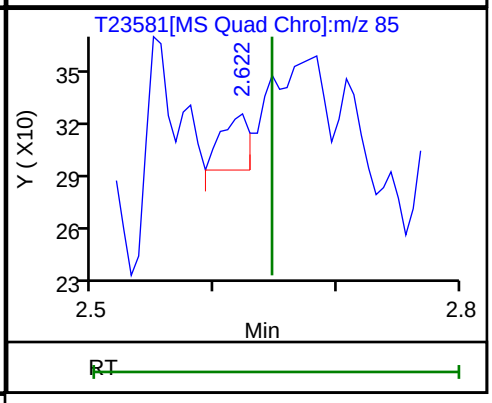
52 Chloroform, CAS: 67-66-3

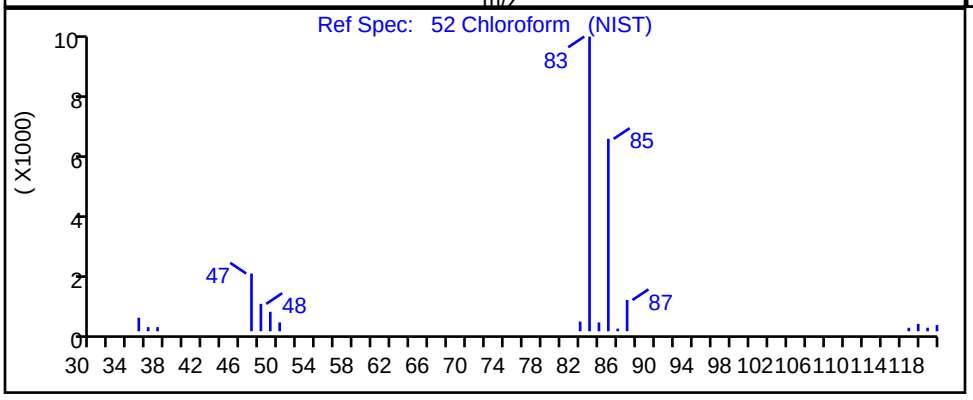
Processing Results











RT	Mass	Response	Amount
2.63	83.00	220	0.038801
2.62	85.00	51	

Reviewer: desais, 04-Oct-2019 07:05:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

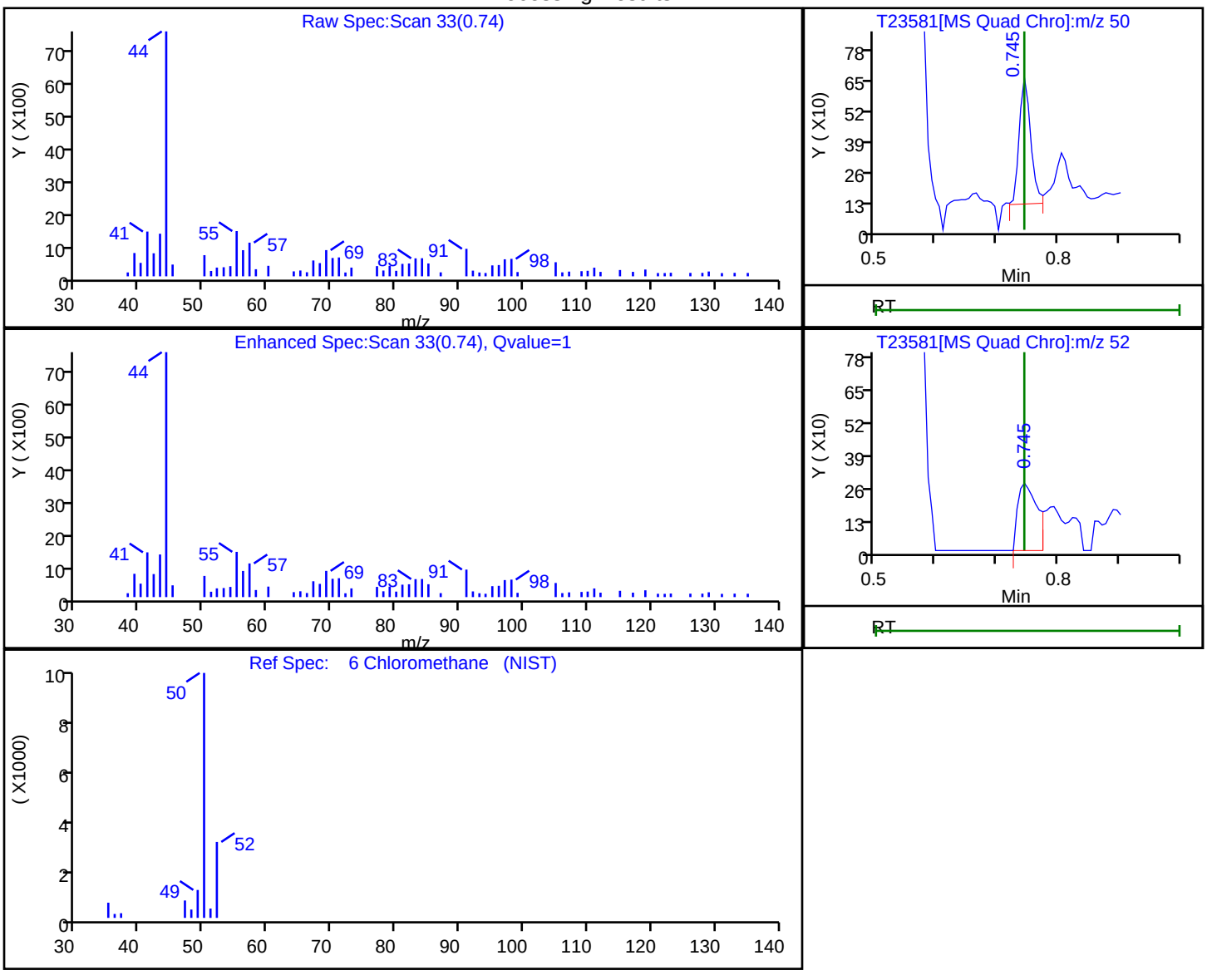
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.74	50.00	718	0.254425
0.74	52.00	606	

Reviewer: desais, 04-Oct-2019 07:05:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

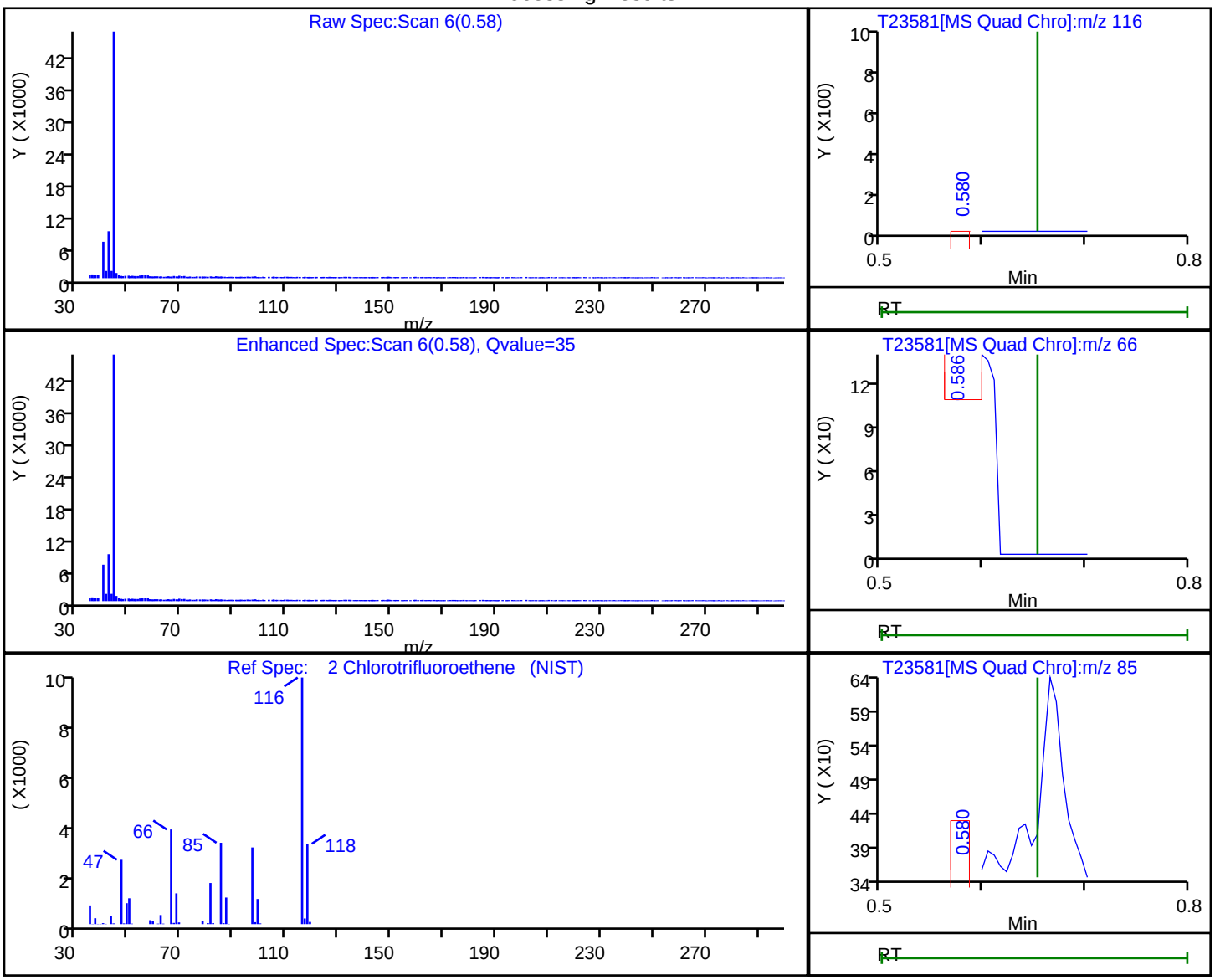
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D				
Injection Date:	03-Oct-2019 22:42:41	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
0.58	116.00	149	0.101155
0.59	66.00	308	
0.58	85.00	163	
0.58	118.00	458	

Reviewer: desais, 04-Oct-2019 07:05:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

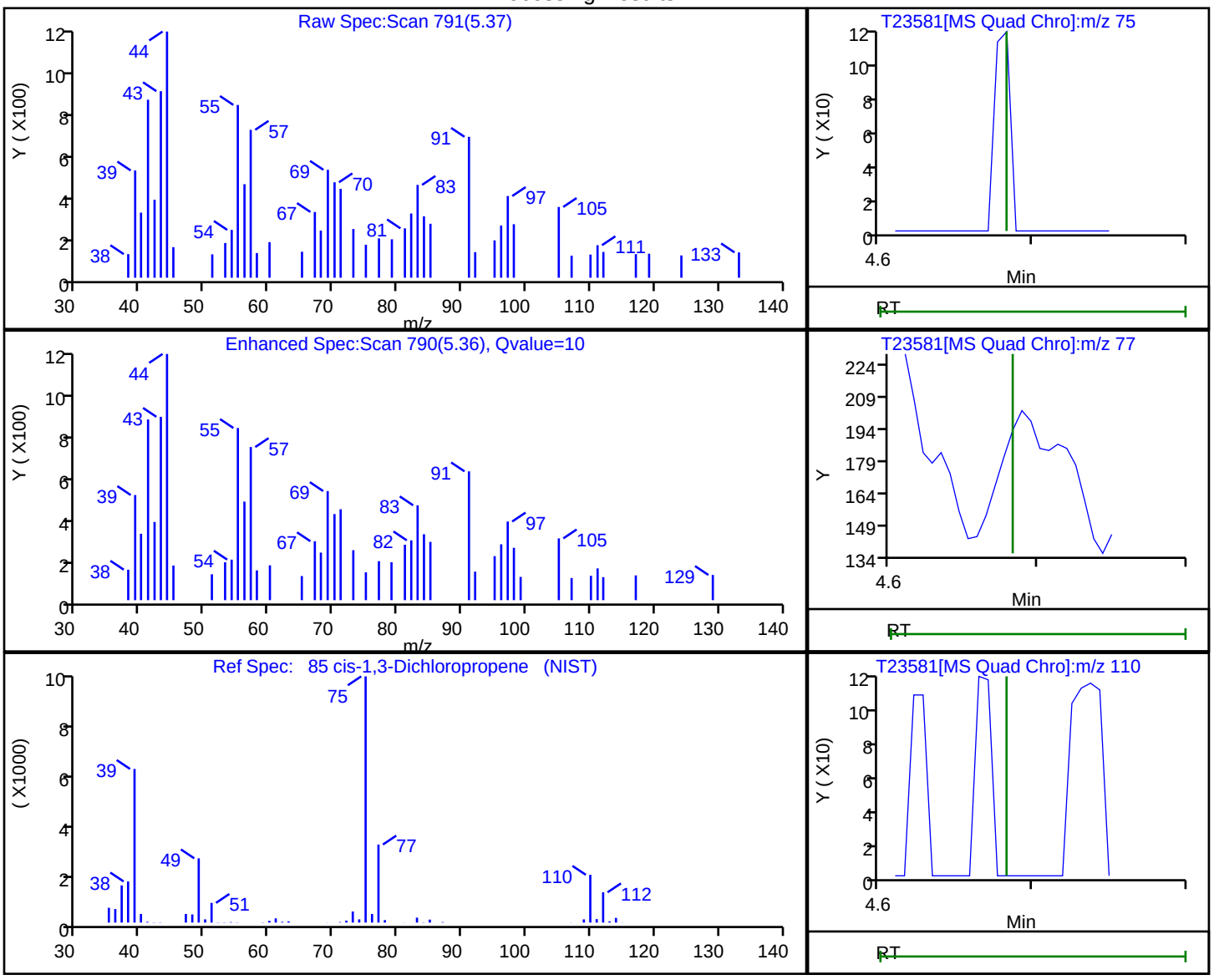
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

85 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
5.37	75.00	152	0.032179
5.35	77.00	50	
5.37	110.00	76	

Reviewer: desais, 04-Oct-2019 07:05:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

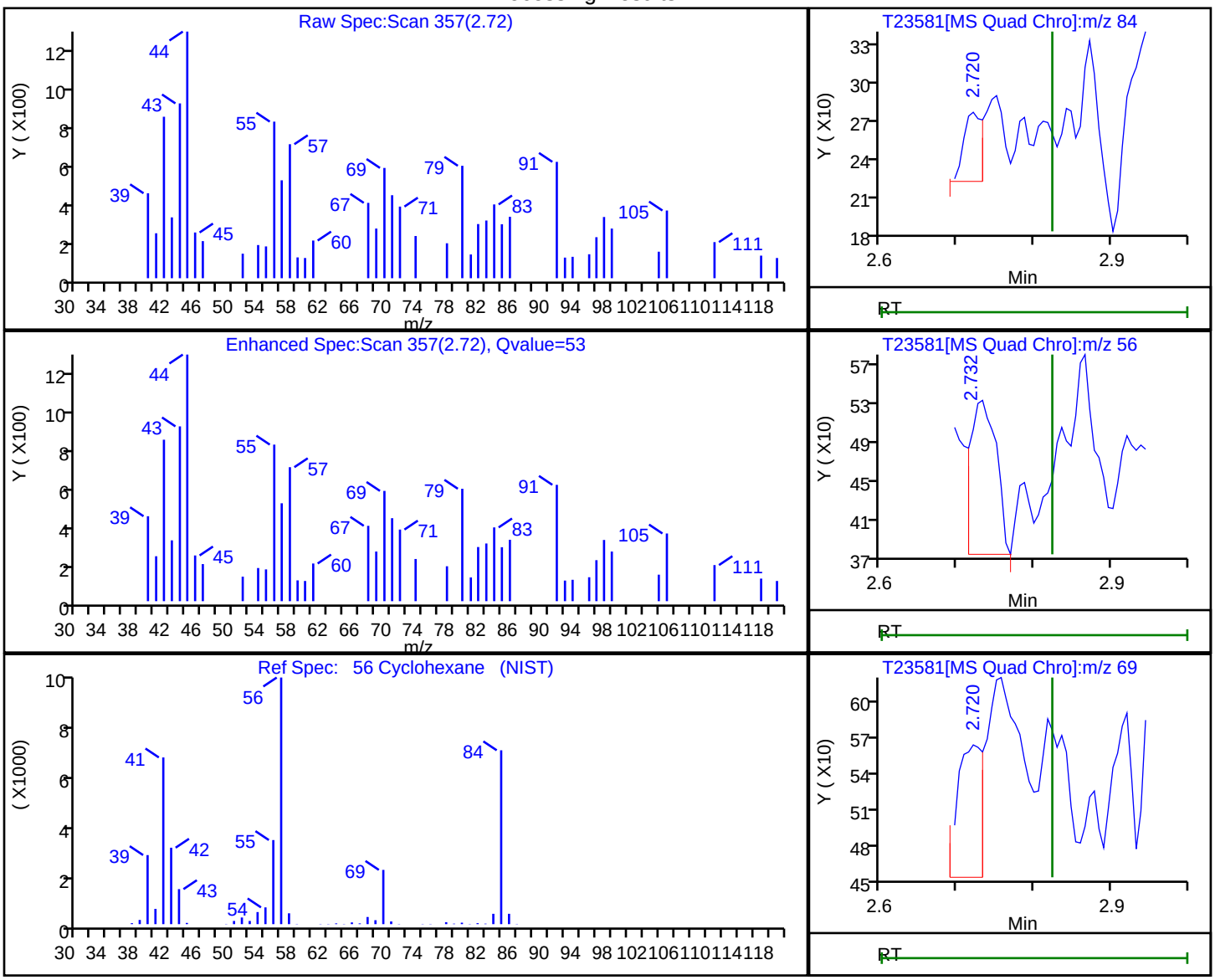
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
2.72	84.00	91	0.019713
2.73	56.00	347	
2.72	69.00	246	

Reviewer: desais, 04-Oct-2019 07:05:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

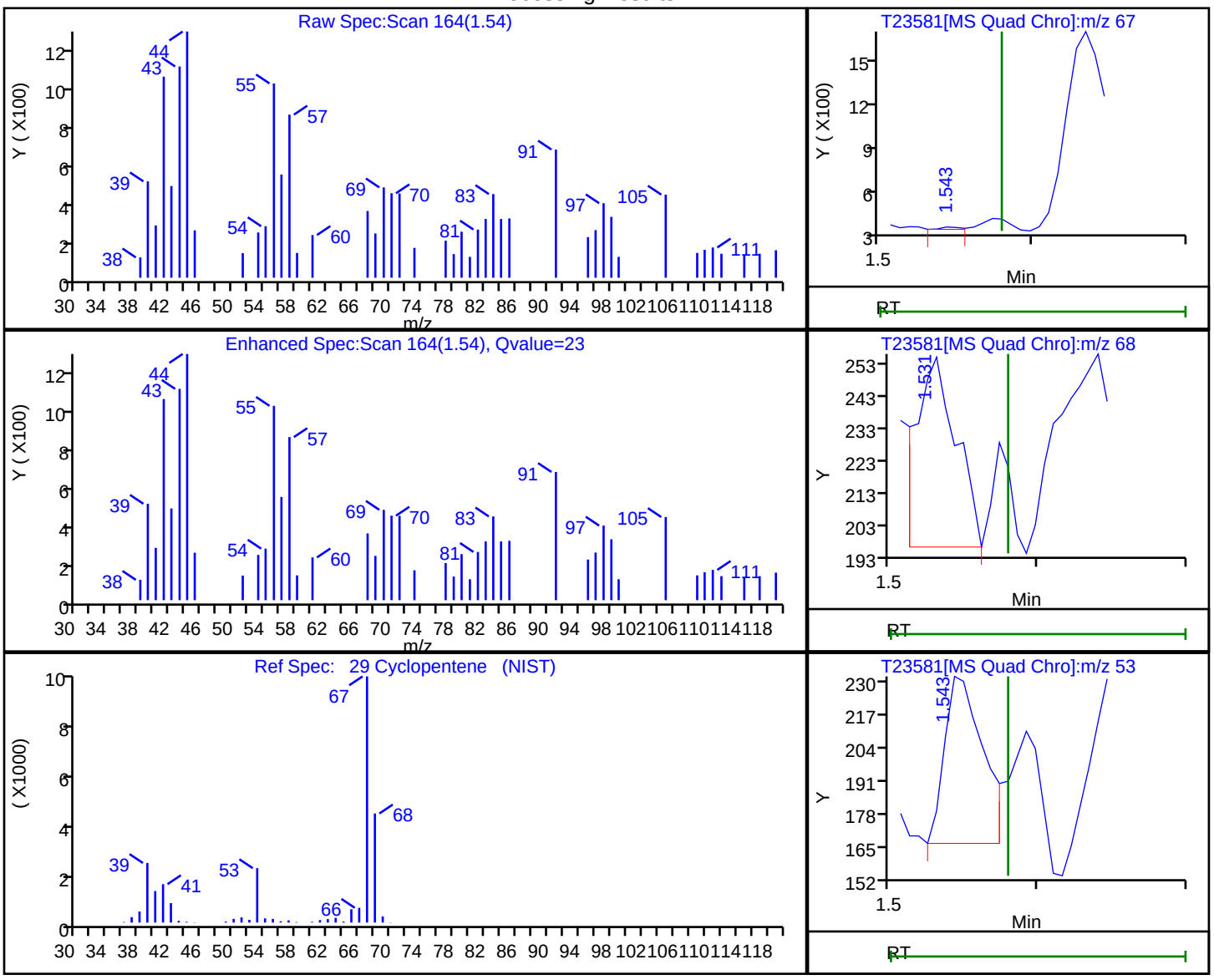
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D		
Injection Date:	03-Oct-2019 22:42:41	Instrument ID:	CVOAMS15
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
1.54	67.00	14	0.001997
1.53	68.00	116	
1.54	53.00	122	

Reviewer: desais, 04-Oct-2019 07:05:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

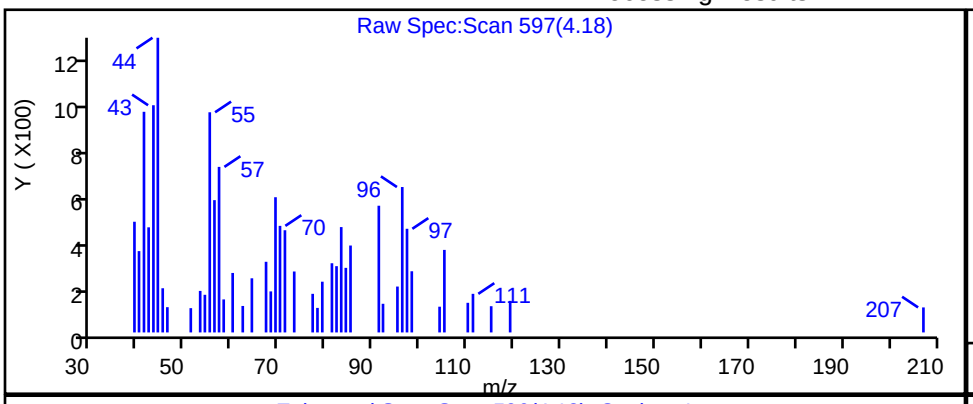
User Disabled Compound Report

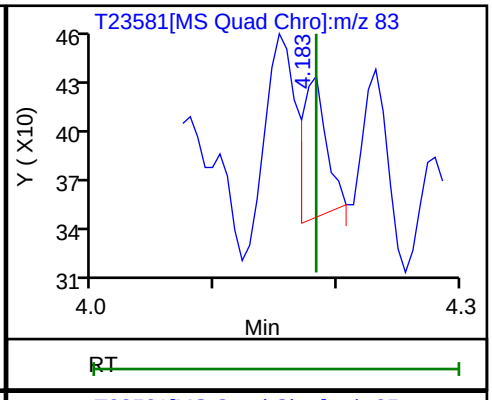
Eurofins TestAmerica, Edison

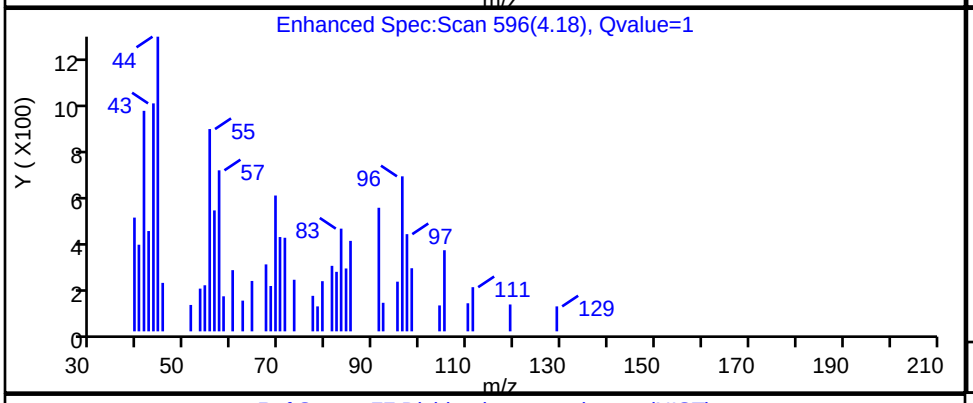
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

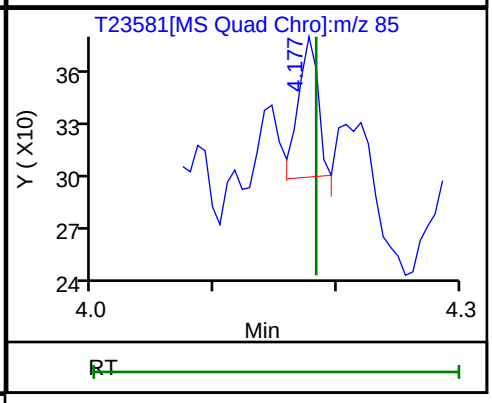
77 Dichlorobromomethane, CAS: 75-27-4

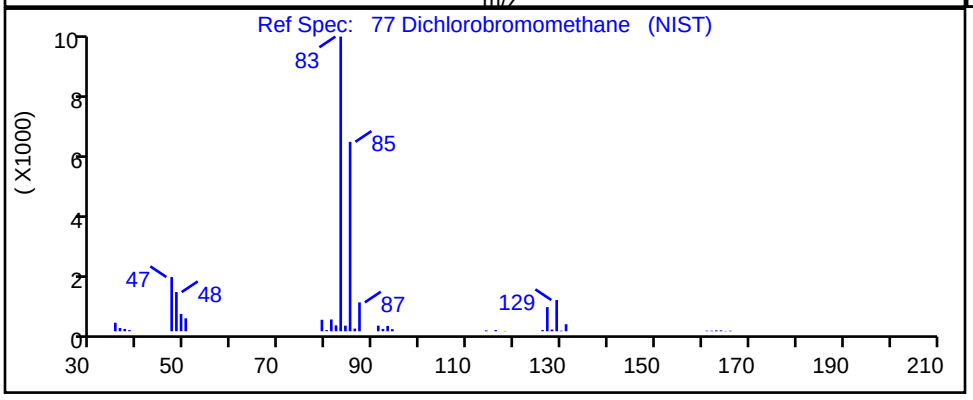
Processing Results











RT	Mass	Response	Amount
4.18	83.00	114	0.025736
4.18	85.00	90	

Reviewer: desais, 04-Oct-2019 07:05:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

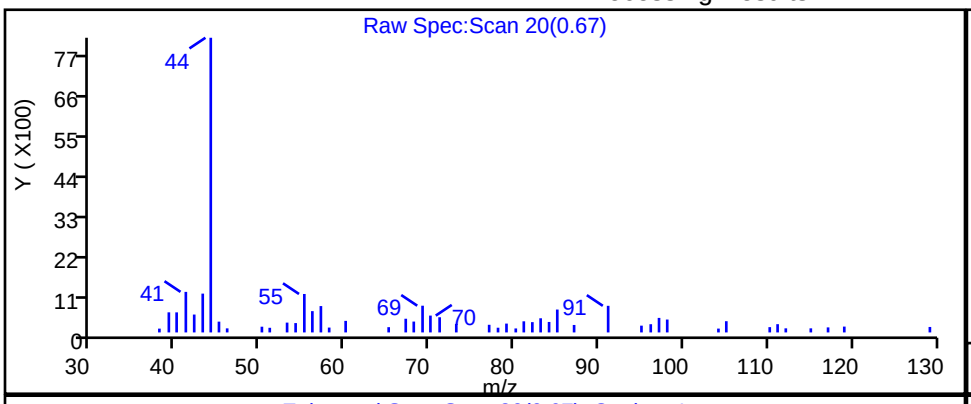
User Disabled Compound Report

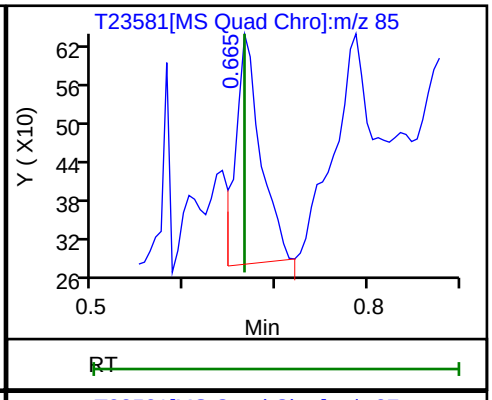
Eurofins TestAmerica, Edison

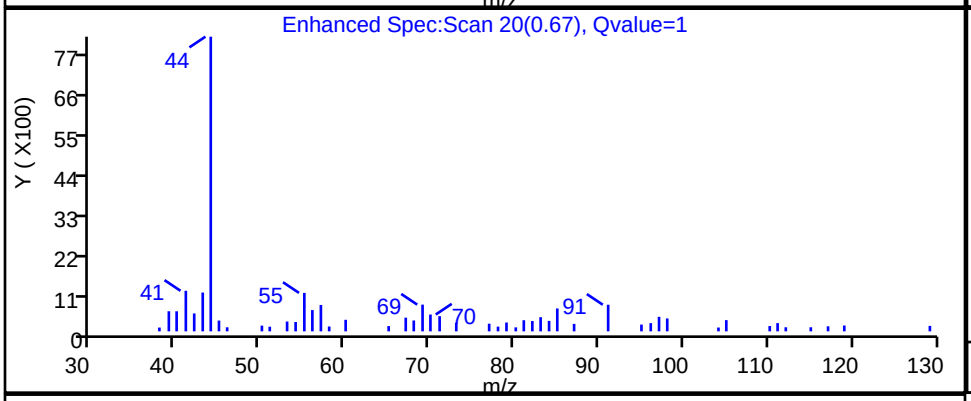
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

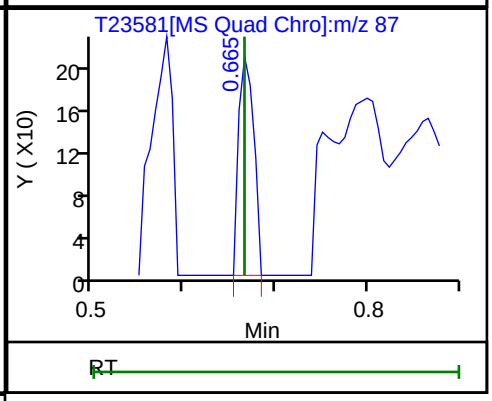
3 Dichlorodifluoromethane, CAS: 75-71-8

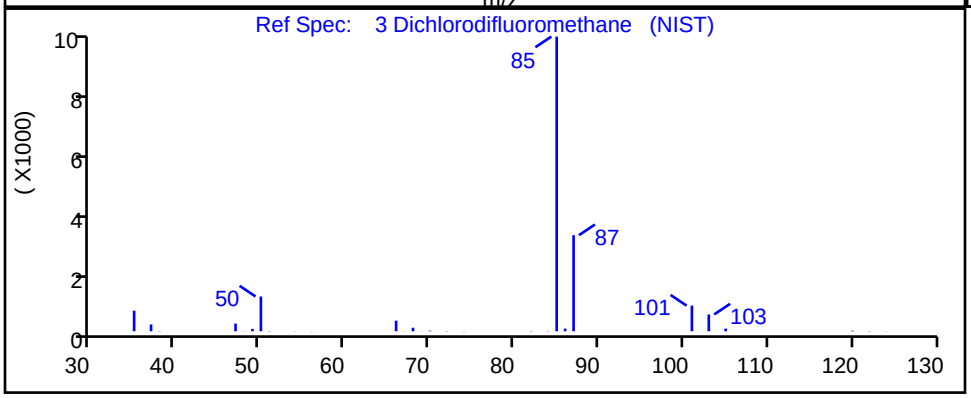
Processing Results











RT	Mass	Response	Amount
0.67	85.00	679	0.132163
0.67	87.00	239	

Reviewer: desais, 04-Oct-2019 07:05:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

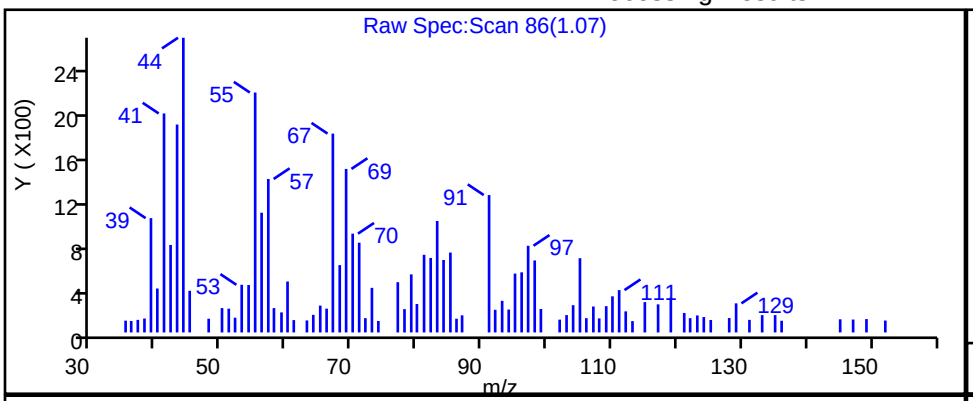
User Disabled Compound Report

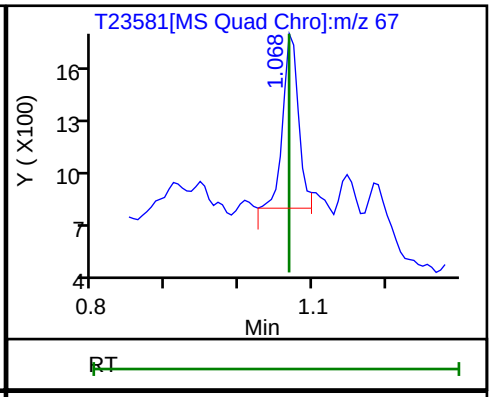
Eurofins TestAmerica, Edison

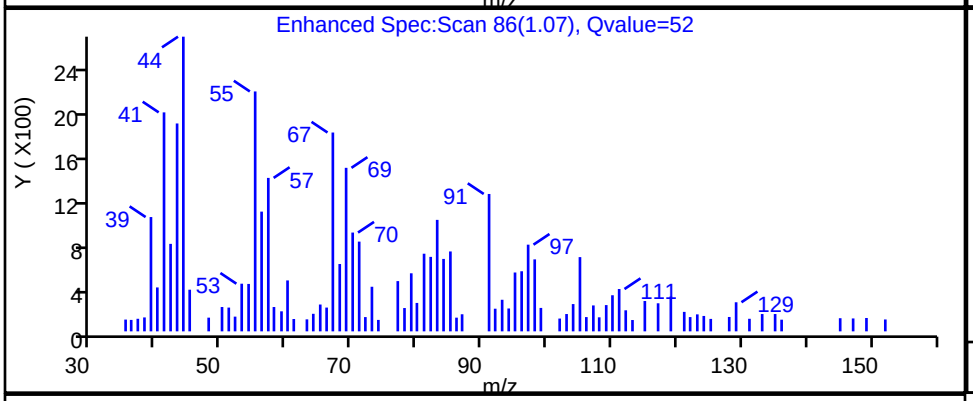
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

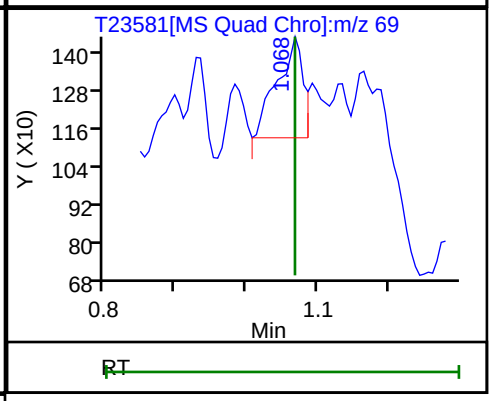
11 Dichlorofluoromethane, CAS: 75-43-4

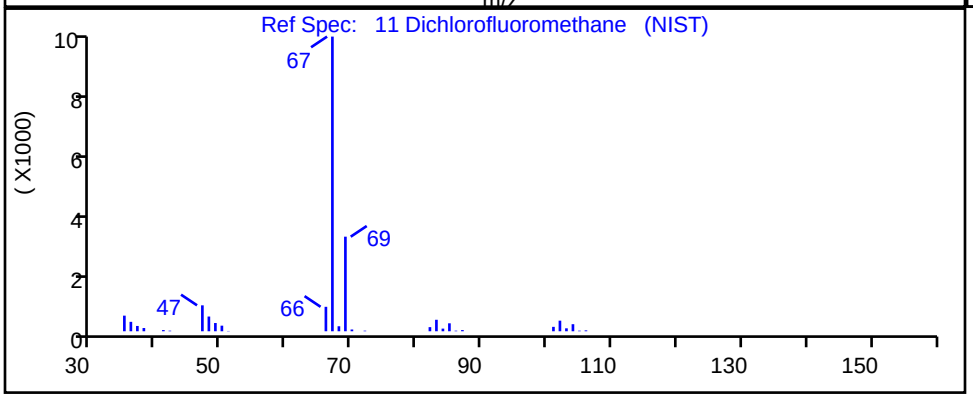
Processing Results











RT	Mass	Response	Amount
1.07	67.00	1452	0.246893
1.07	69.00	830	

Reviewer: desais, 04-Oct-2019 07:05:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

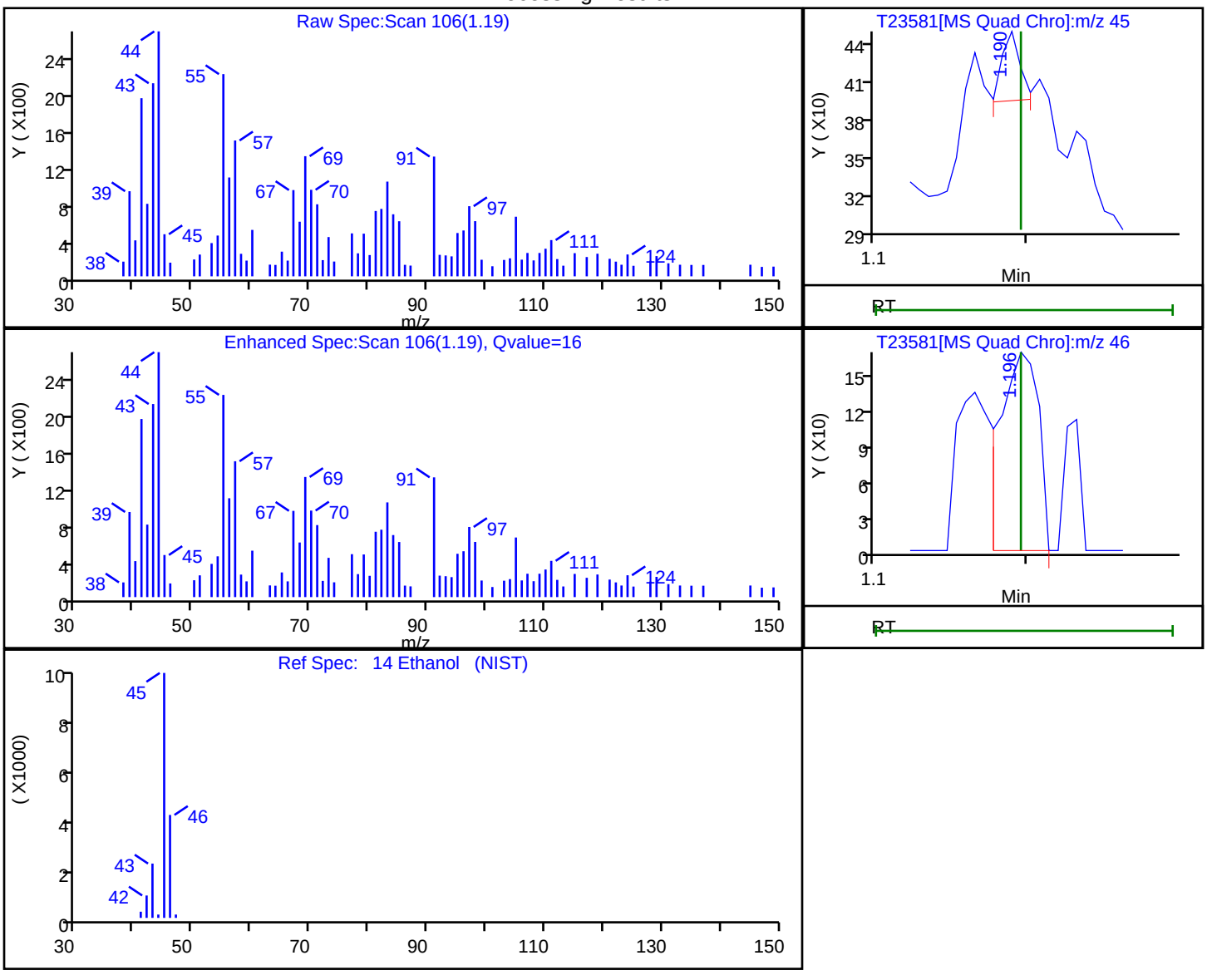
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.19	45.00	43	4819.3761
1.20	46.00	297	

Reviewer: desais, 04-Oct-2019 07:05:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

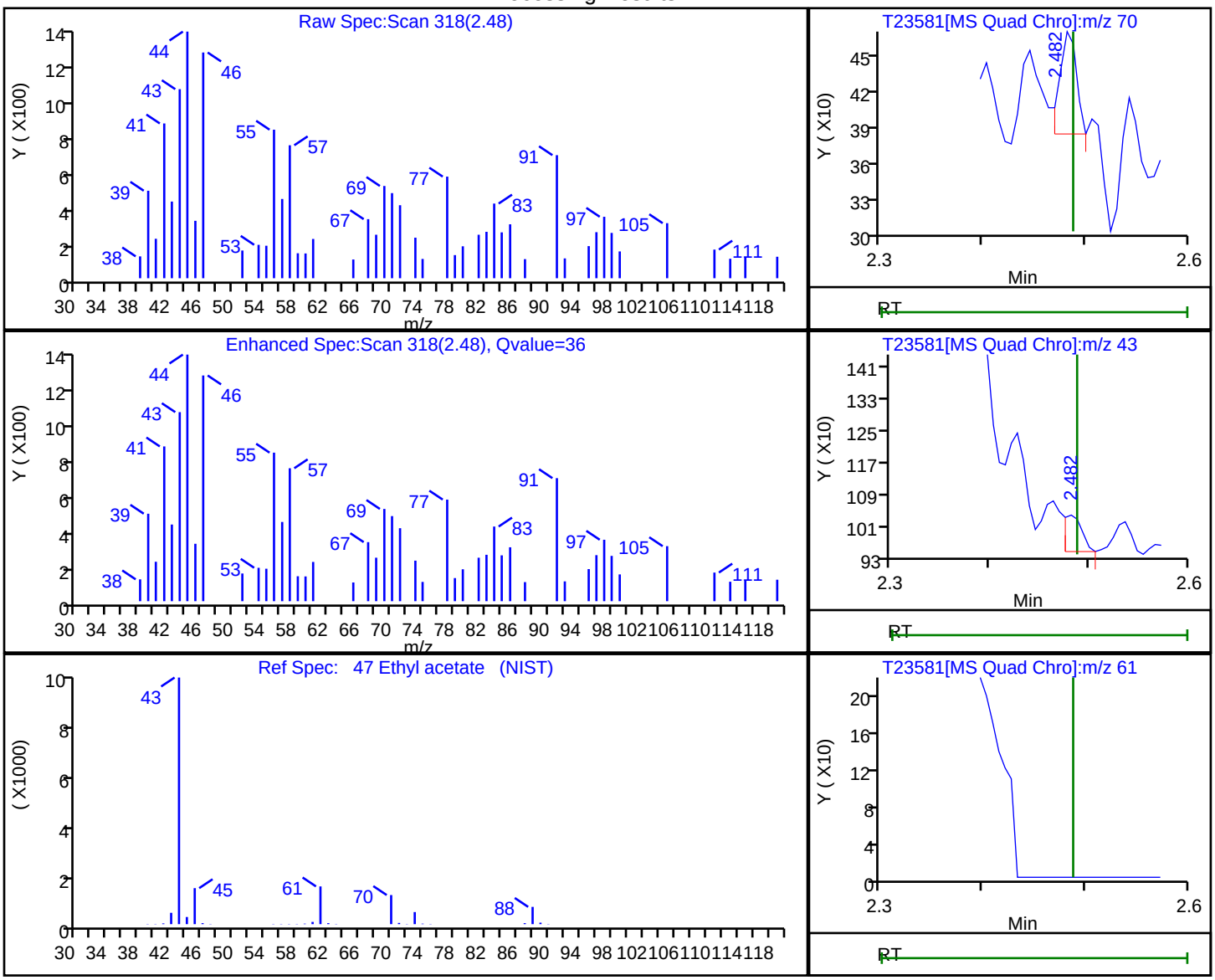
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
2.48	70.00	93	0.325458
2.48	43.00	117	
2.49	61.00	0	

Reviewer: desais, 04-Oct-2019 07:05:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

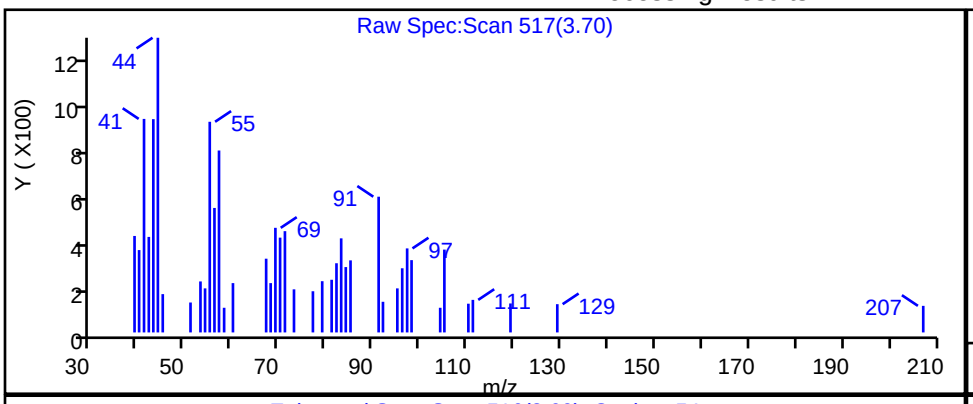
User Disabled Compound Report

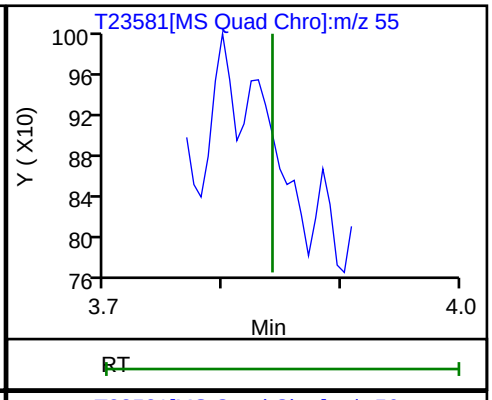
Eurofins TestAmerica, Edison

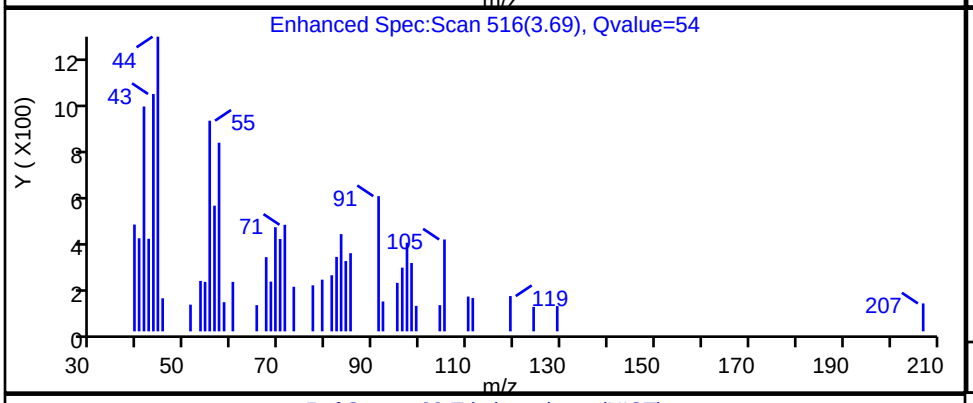
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

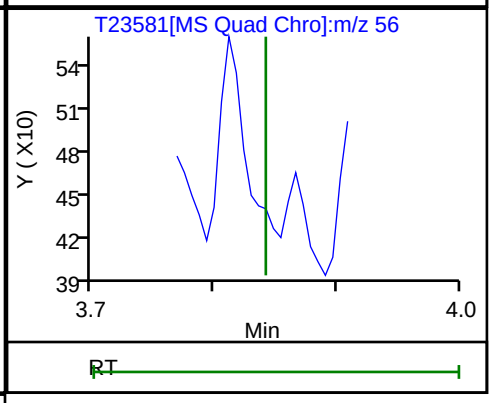
69 Ethyl acrylate, CAS: 140-88-5

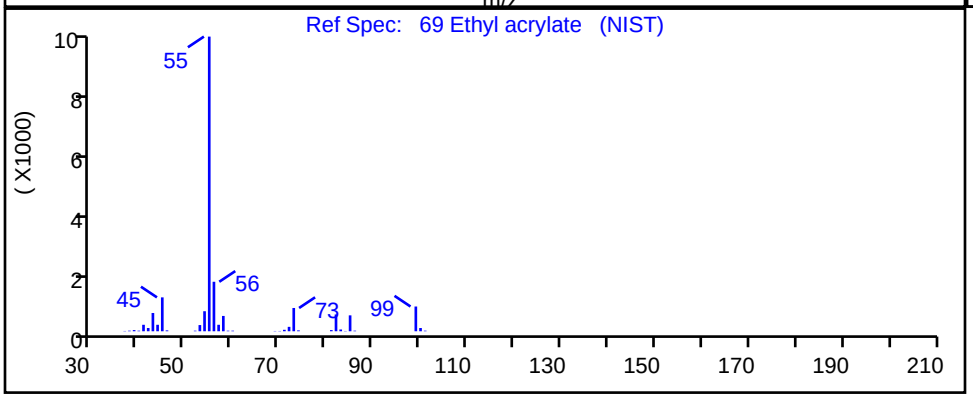
Processing Results











RT	Mass	Response	Amount
3.70	55.00	60	0.008707
3.70	56.00	112	

Reviewer: desais, 04-Oct-2019 07:05:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

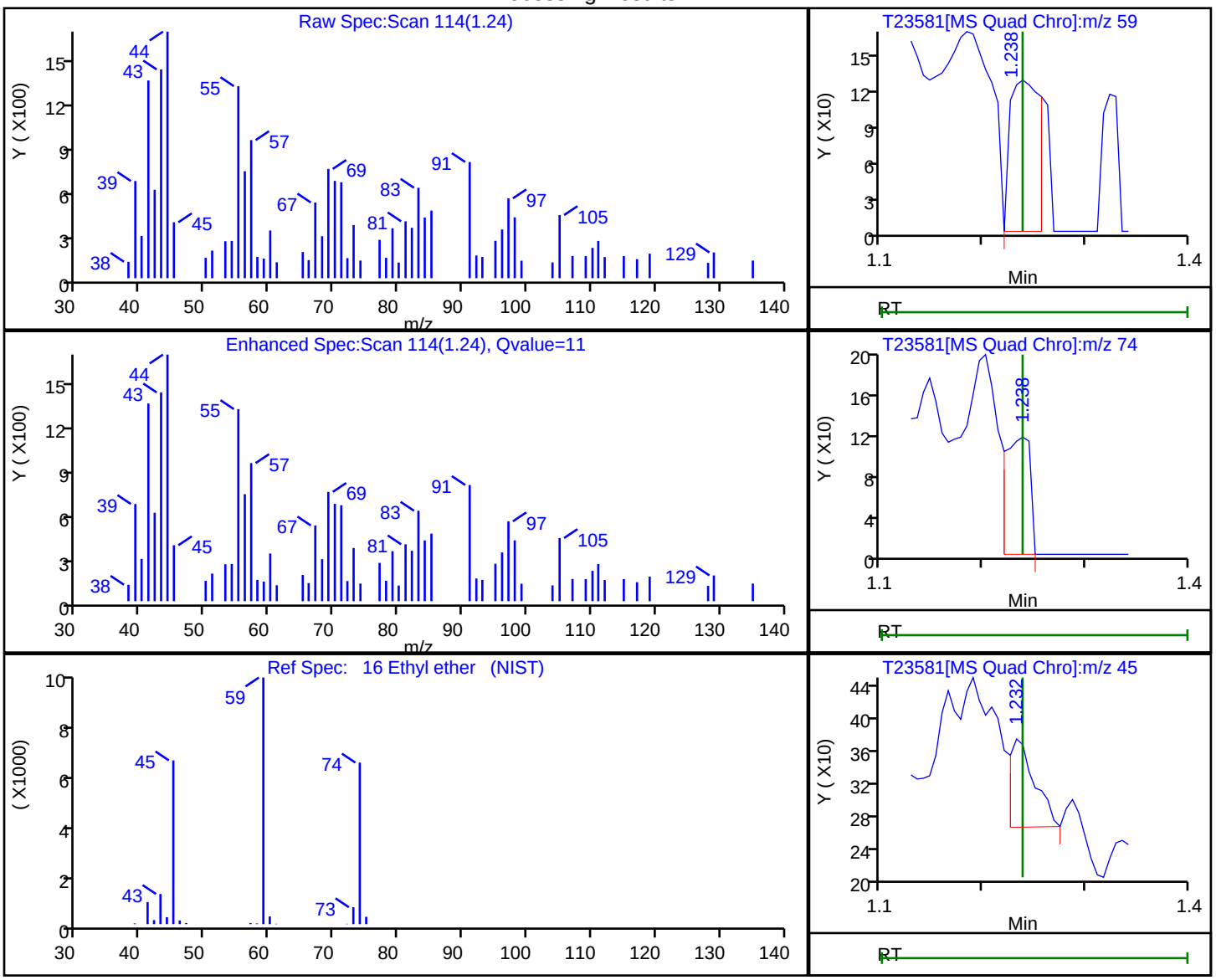
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

16 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.24	59.00	263	0.113302
1.24	74.00	198	
1.23	45.00	182	

Reviewer: desais, 04-Oct-2019 07:05:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

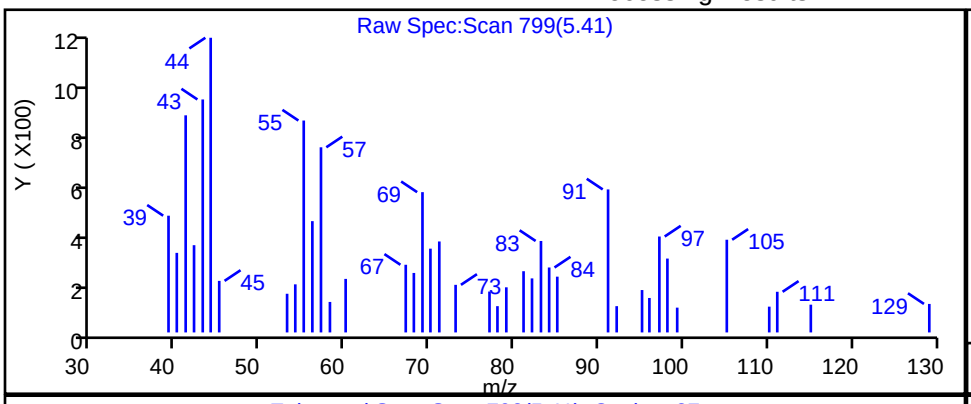
User Disabled Compound Report

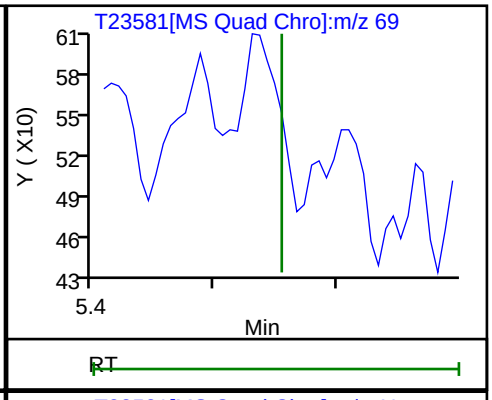
Eurofins TestAmerica, Edison

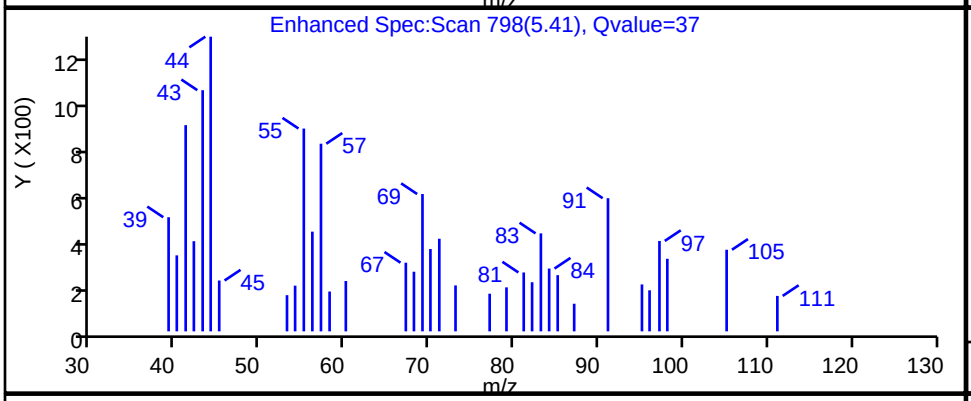
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

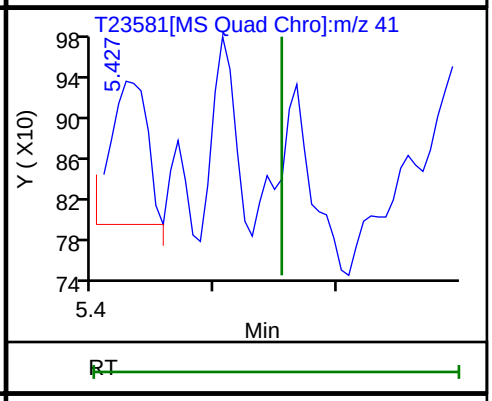
86 Ethyl methacrylate, CAS: 97-63-2

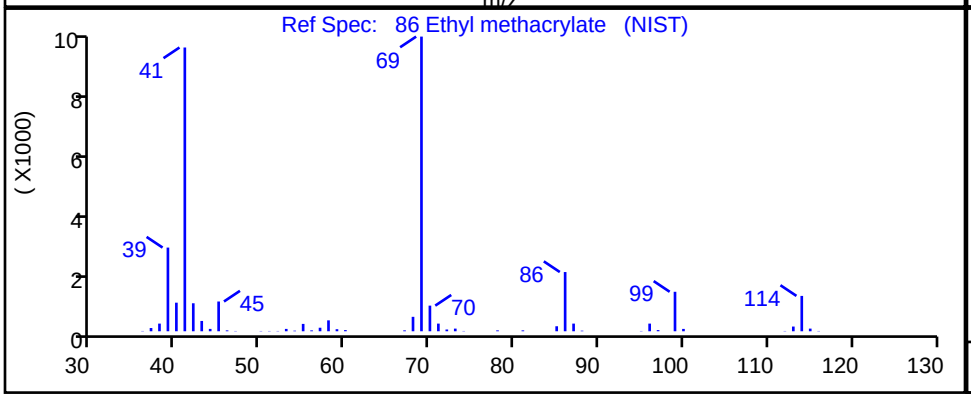
Processing Results

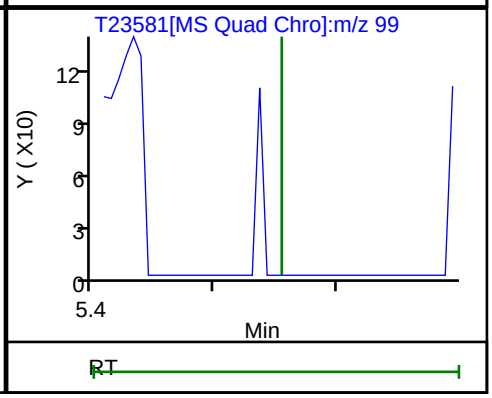












RT	Mass	Response	Amount
5.41	69.00	181	0.048683
5.43	41.00	281	
5.40	99.00	112	

Reviewer: desais, 04-Oct-2019 07:06:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

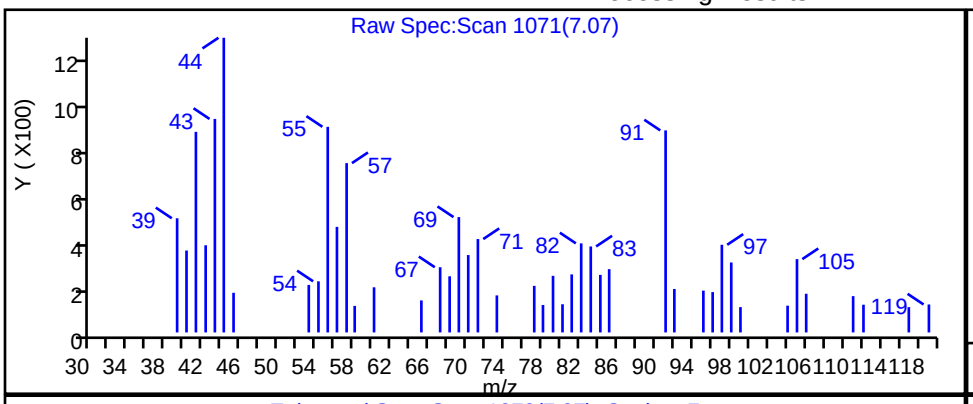
User Disabled Compound Report

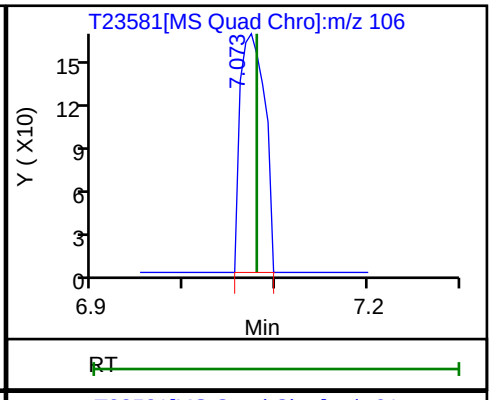
Eurofins TestAmerica, Edison

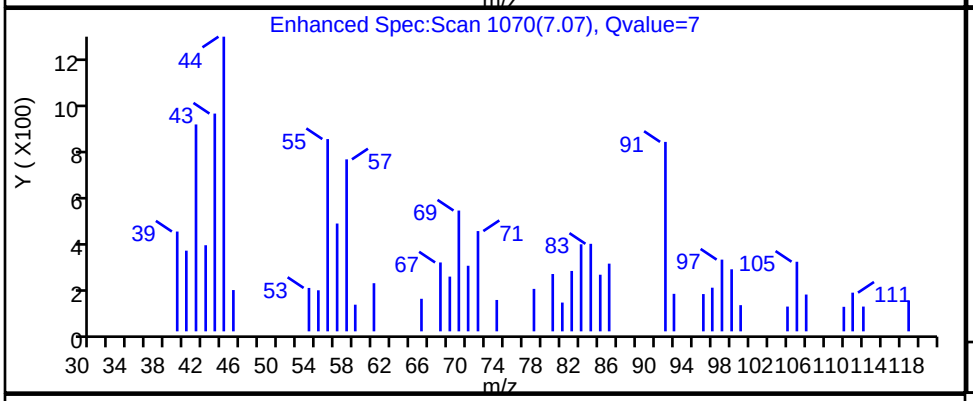
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

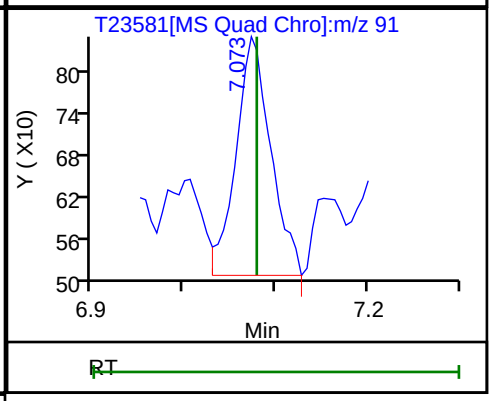
97 Ethylbenzene, CAS: 100-41-4

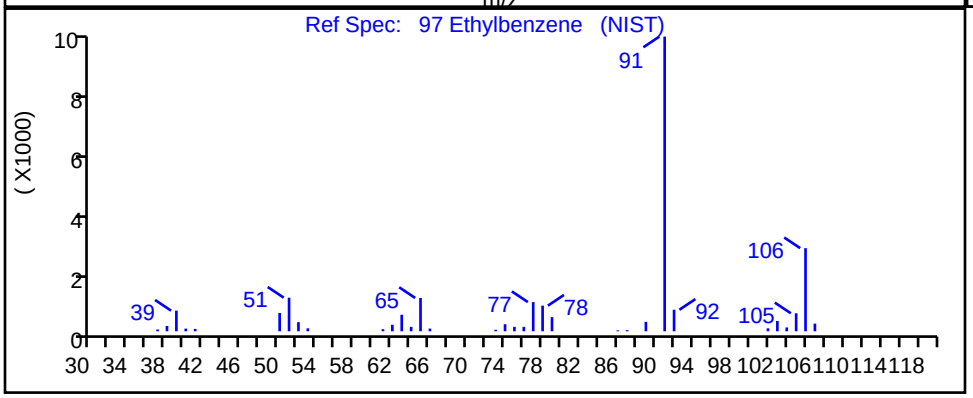
Processing Results











RT	Mass	Response	Amount
7.07	106.00	302	0.063591
7.07	91.00	896	

Reviewer: desais, 04-Oct-2019 07:06:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

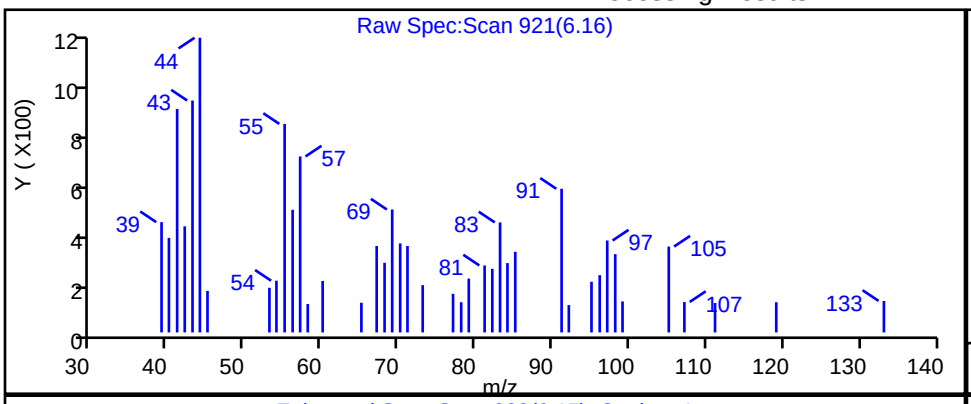
User Disabled Compound Report

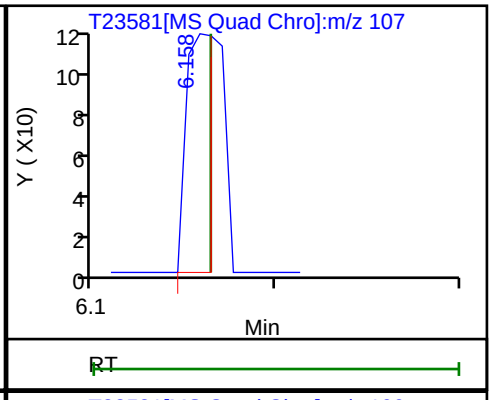
Eurofins TestAmerica, Edison

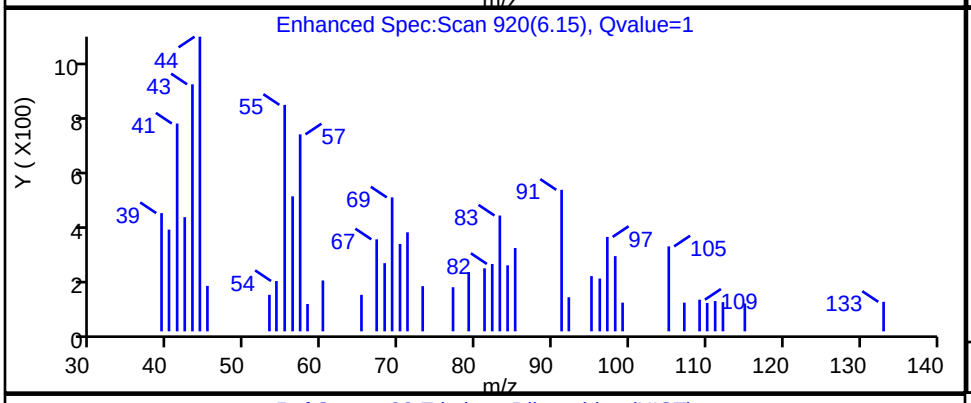
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

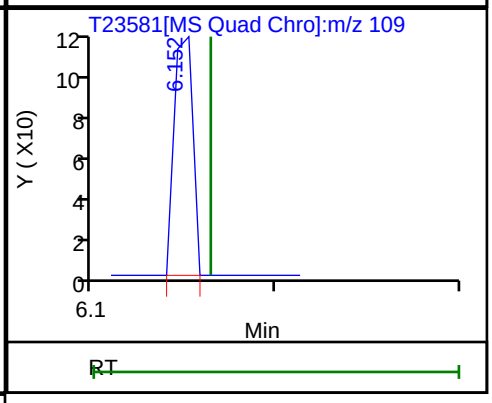
92 Ethylene Dibromide, CAS: 106-93-4

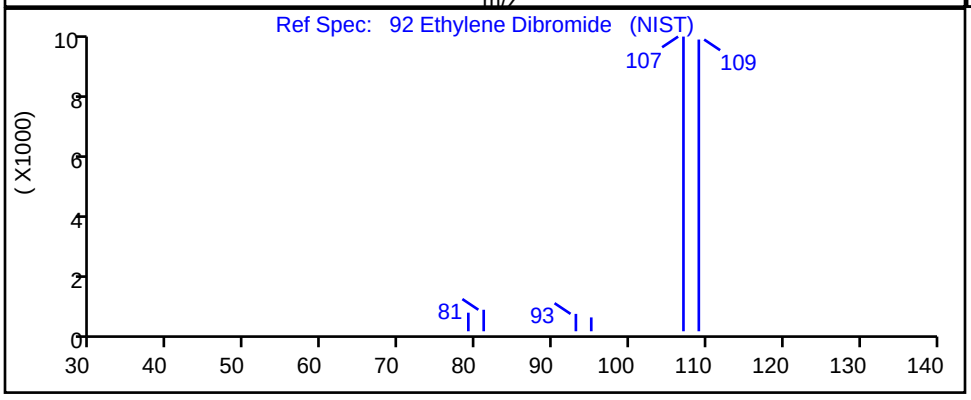
Processing Results











RT	Mass	Response	Amount
6.16	107.00	123	0.038510
6.15	109.00	83	

Reviewer: desais, 04-Oct-2019 07:06:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

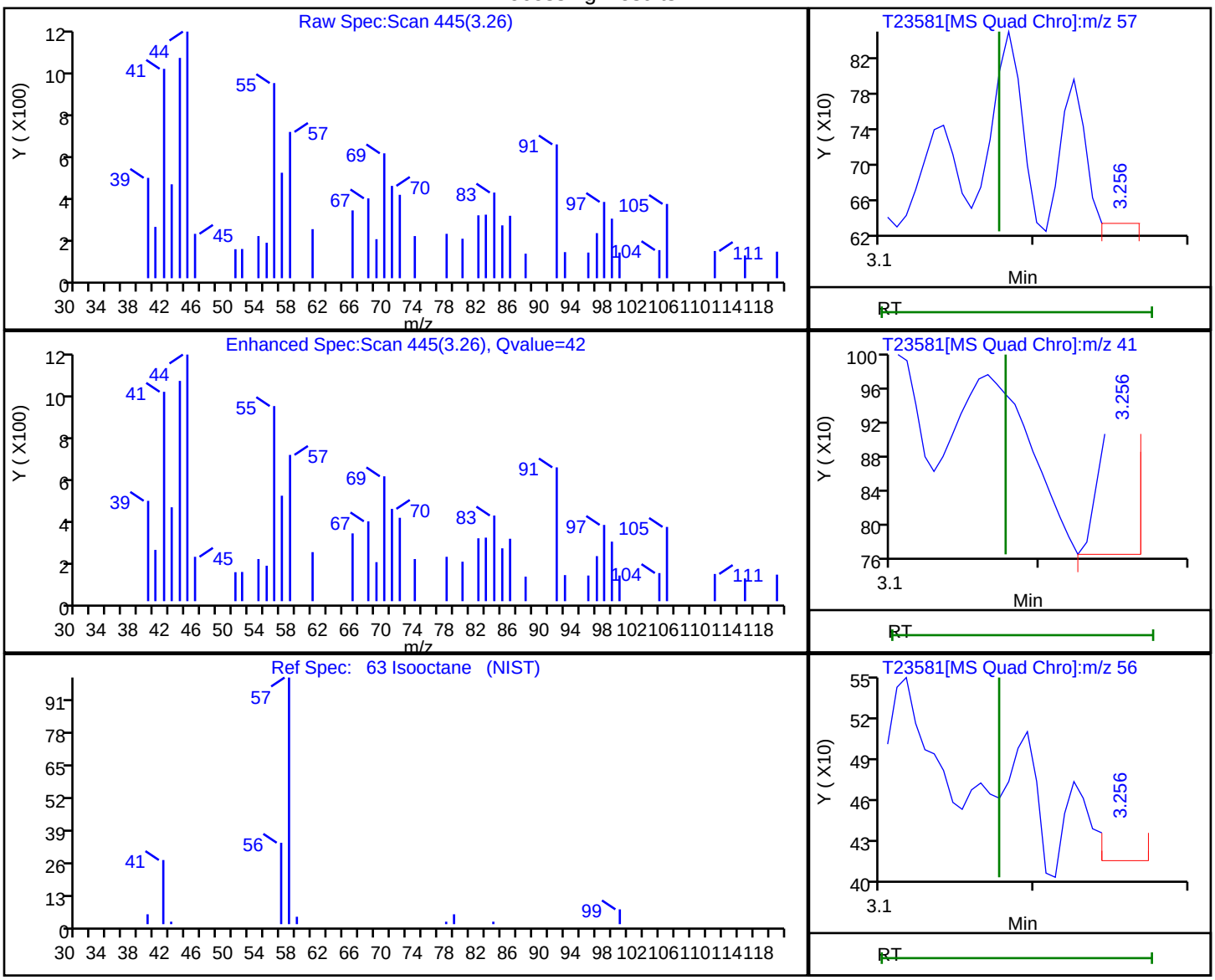
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D		
Injection Date:	03-Oct-2019 22:42:41	Instrument ID:	CVOAMS15
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

63 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.26	57.00	26	0.003857
3.26	41.00	330	
3.26	56.00	65	

Reviewer: desais, 04-Oct-2019 07:05:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

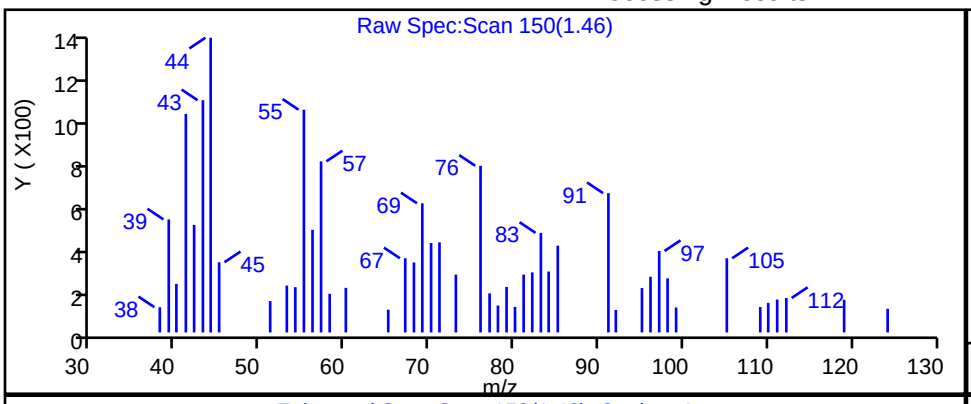
User Disabled Compound Report

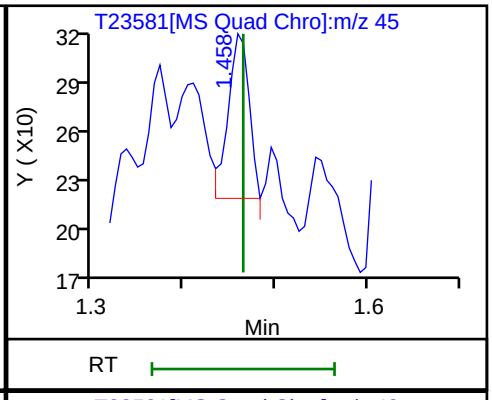
Eurofins TestAmerica, Edison

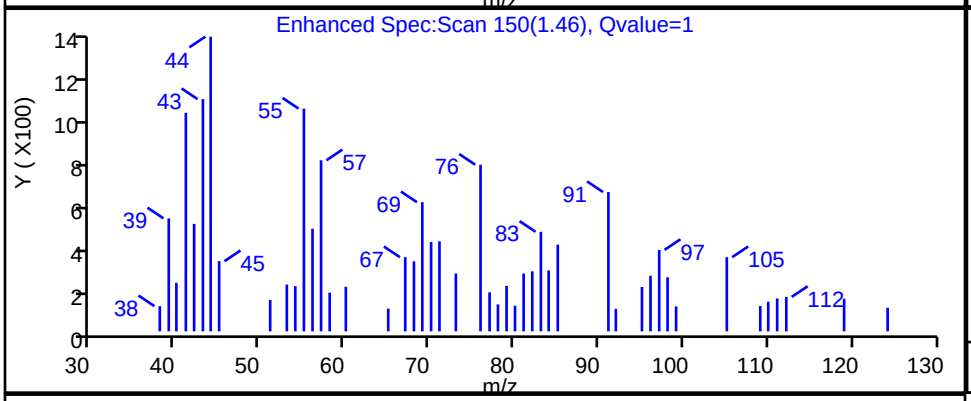
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

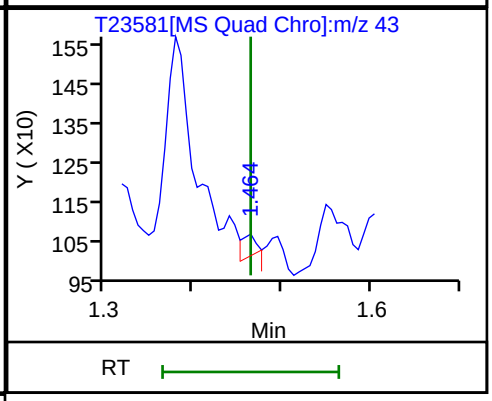
25 Isopropyl alcohol, CAS: 67-63-0

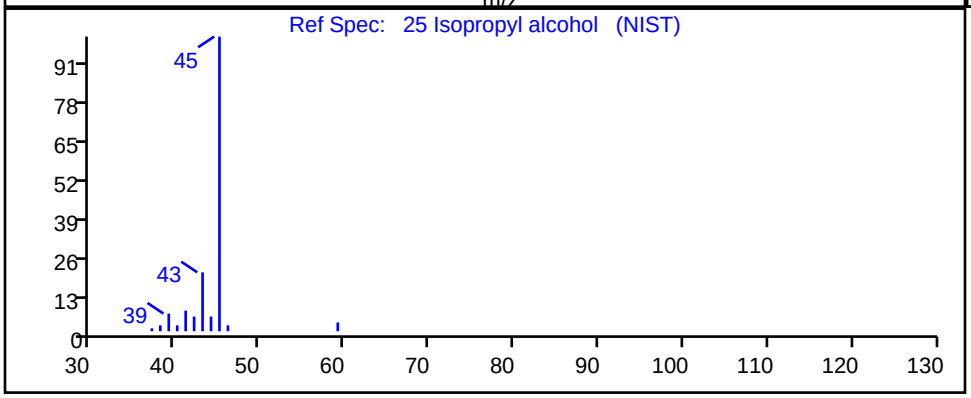
Processing Results











RT	Mass	Response	Amount
1.46	45.00	161	1.408265
1.46	43.00	69	

Reviewer: desais, 04-Oct-2019 07:05:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

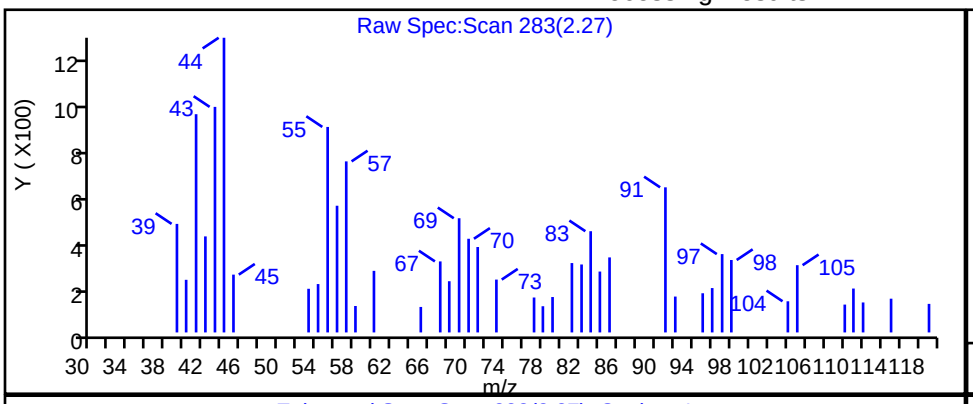
User Disabled Compound Report

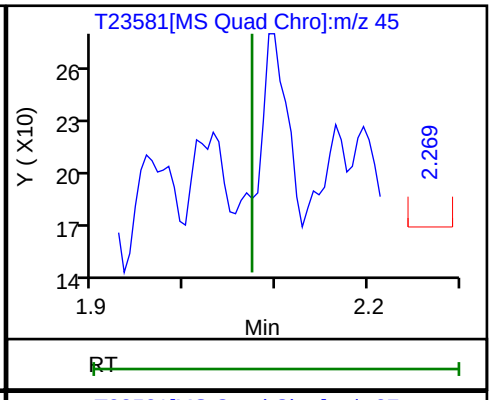
Eurofins TestAmerica, Edison

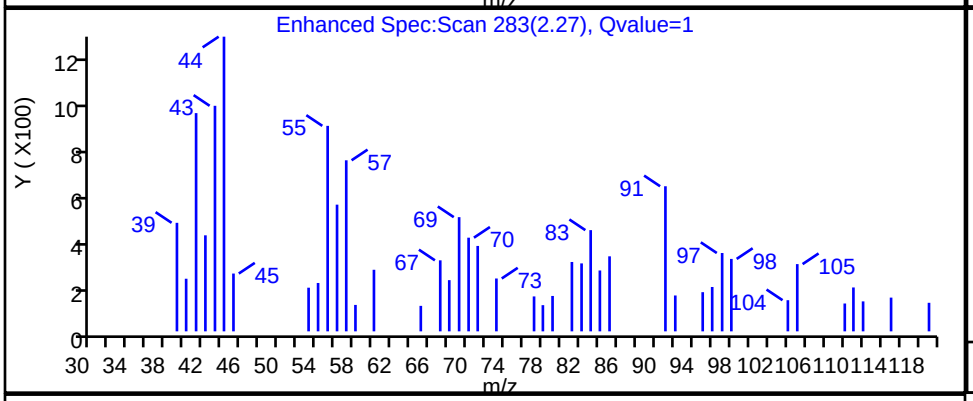
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

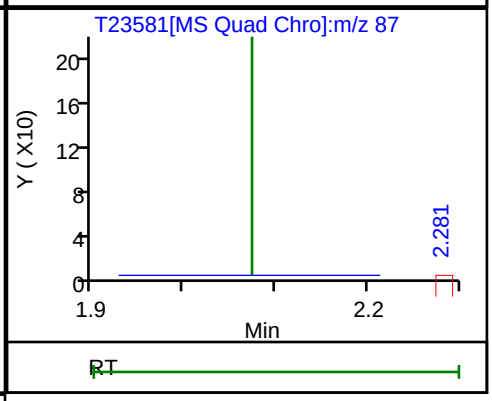
39 Isopropyl ether, CAS: 108-20-3

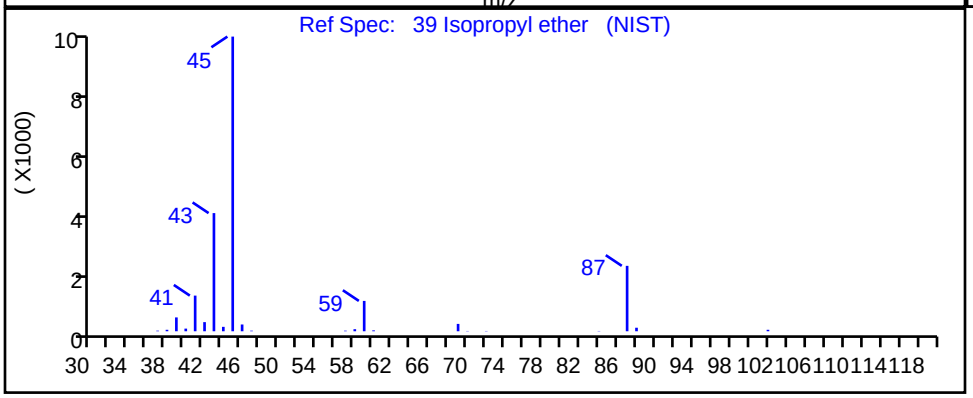
Processing Results











RT	Mass	Response	Amount
2.27	45.00	113	0.014676
2.28	87.00	79	

Reviewer: desais, 04-Oct-2019 07:05:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

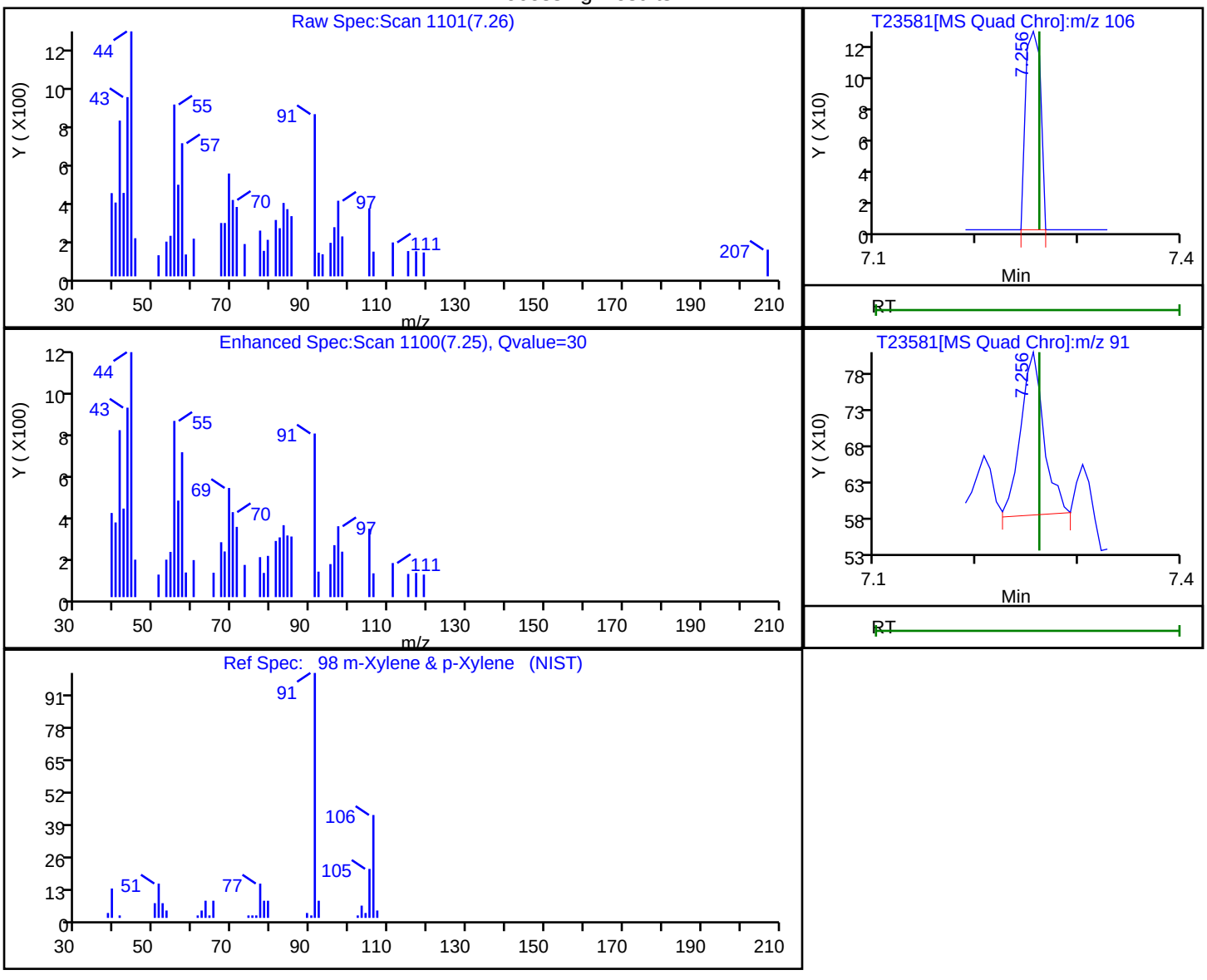
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.26	106.00	126	0.022147
7.26	91.00	354	

Reviewer: desais, 04-Oct-2019 07:06:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

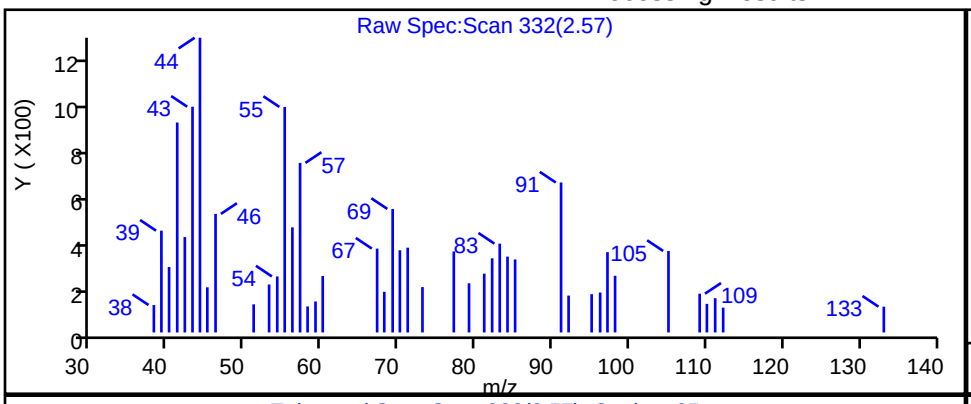
User Disabled Compound Report

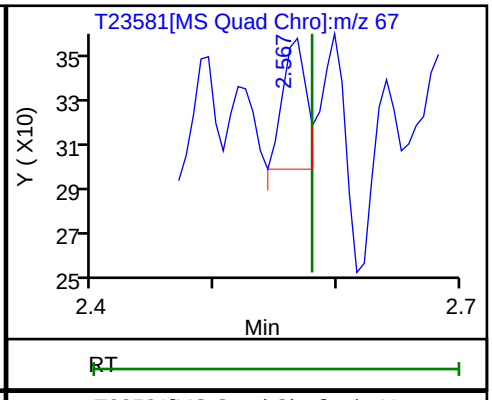
Eurofins TestAmerica, Edison

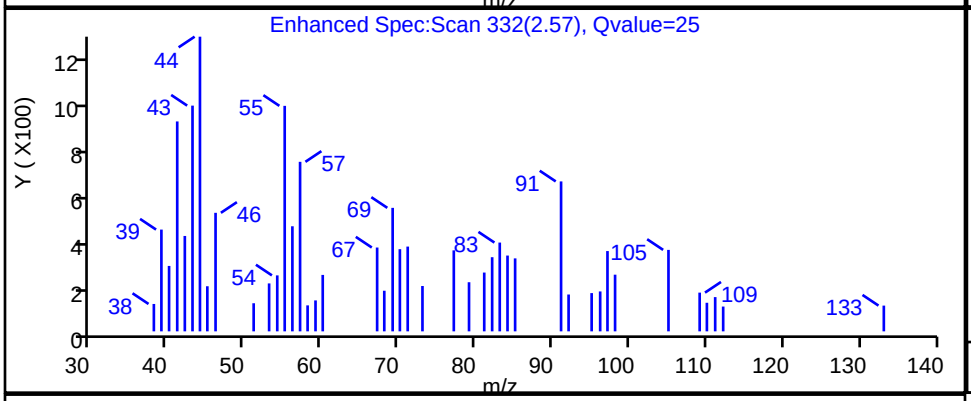
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

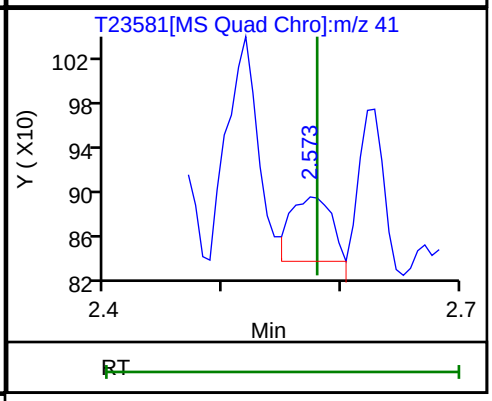
49 Methacrylonitrile, CAS: 126-98-7

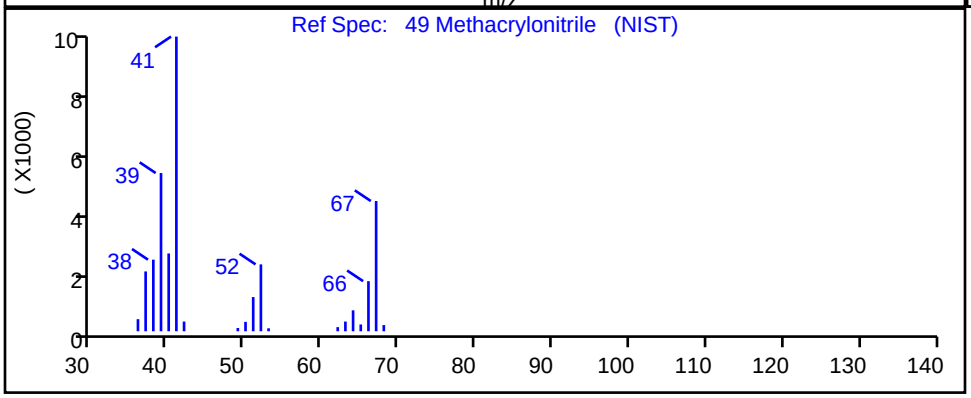
Processing Results











RT	Mass	Response	Amount
2.57	67.00	78	0.066077
2.57	41.00	136	

Reviewer: desais, 04-Oct-2019 07:05:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

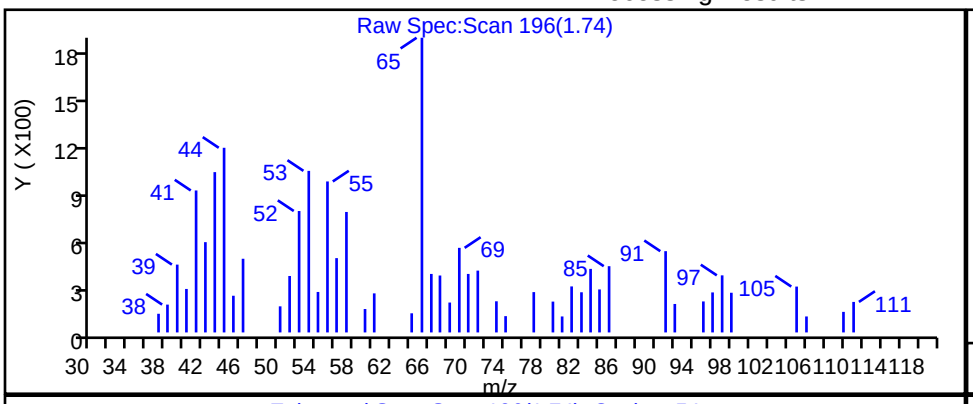
User Disabled Compound Report

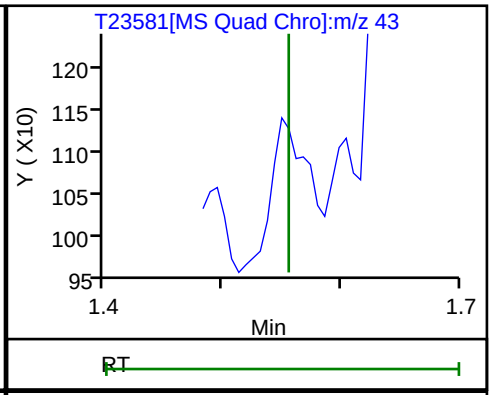
Eurofins TestAmerica, Edison

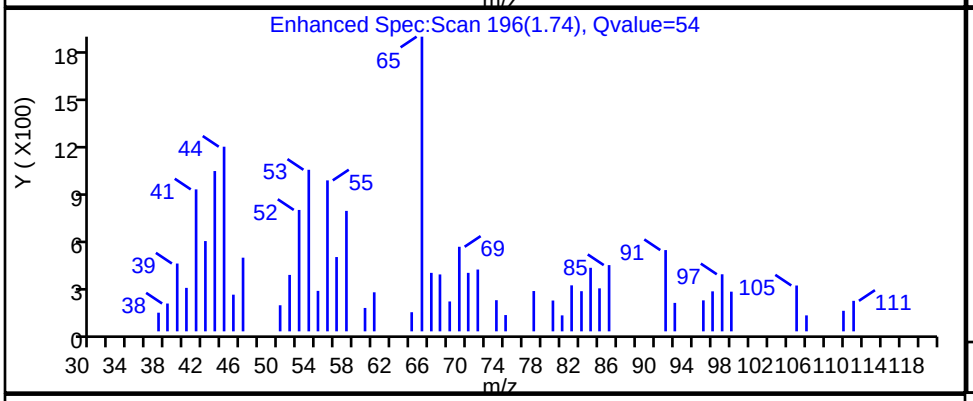
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

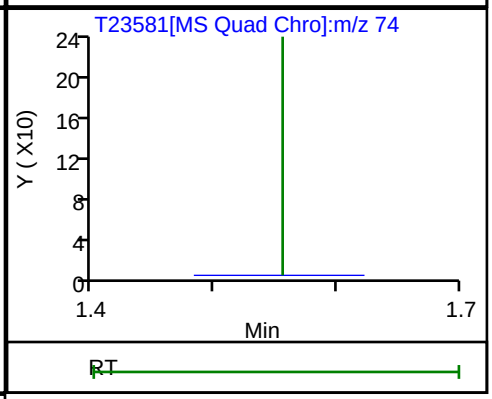
28 Methyl acetate, CAS: 79-20-9

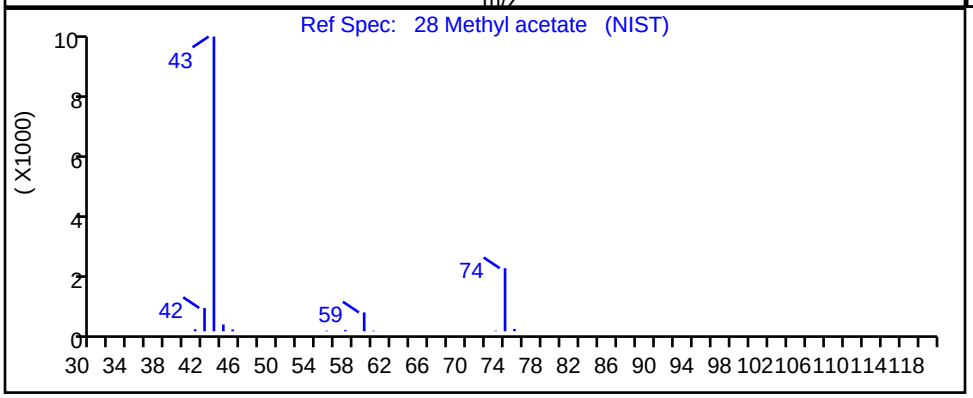
Processing Results











RT	Mass	Response	Amount
1.74	43.00	54	0.032662
1.73	74.00	80	

Reviewer: desais, 04-Oct-2019 07:05:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

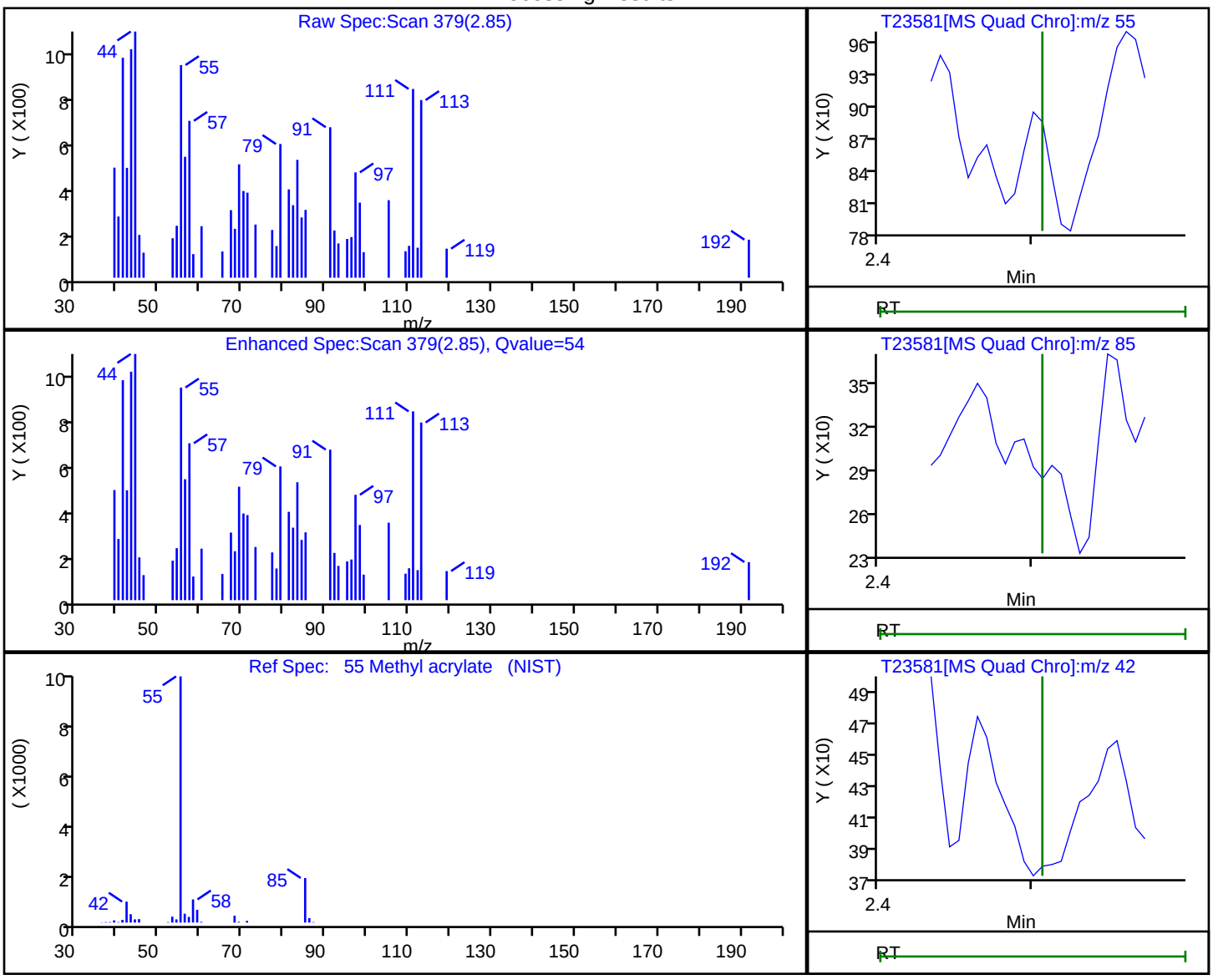
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

55 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
2.85	55.00	81	0.045188
2.84	85.00	115	
2.86	42.00	179	

Reviewer: desais, 04-Oct-2019 07:05:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

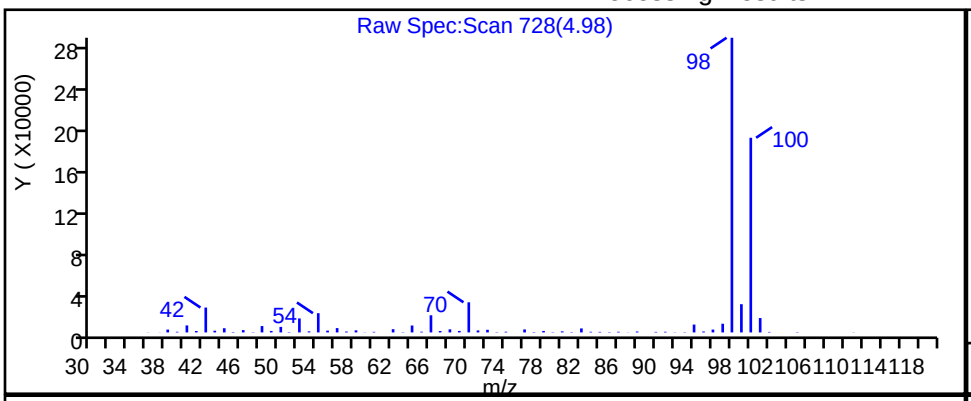
User Disabled Compound Report

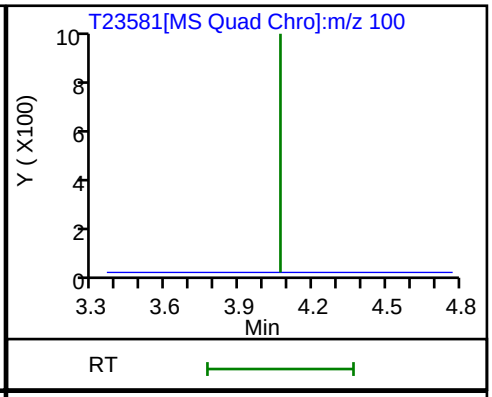
Eurofins TestAmerica, Edison

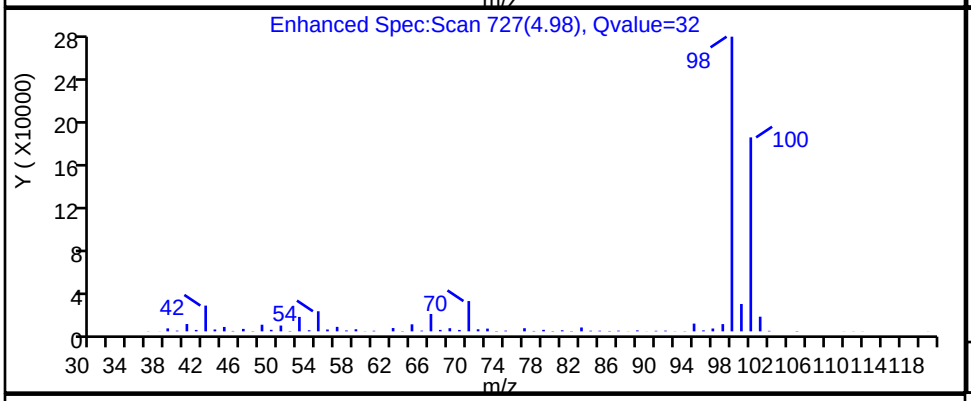
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

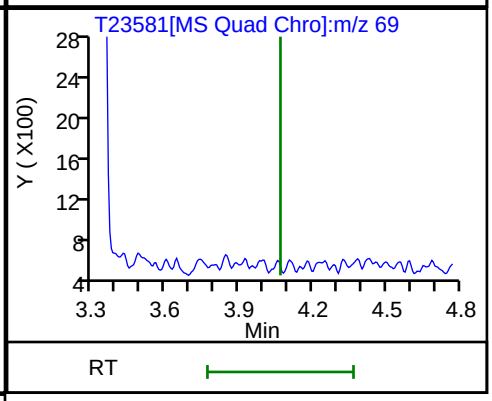
75 Methyl methacrylate, CAS: 80-62-6

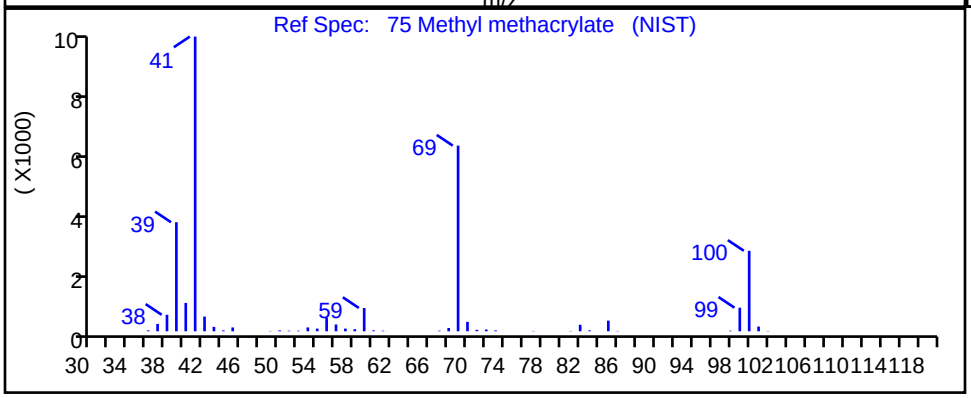
Processing Results











RT	Mass	Response	Amount
4.98	100.00	389782	414.7233
4.98	69.00	2107	

Reviewer: desais, 04-Oct-2019 07:05:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

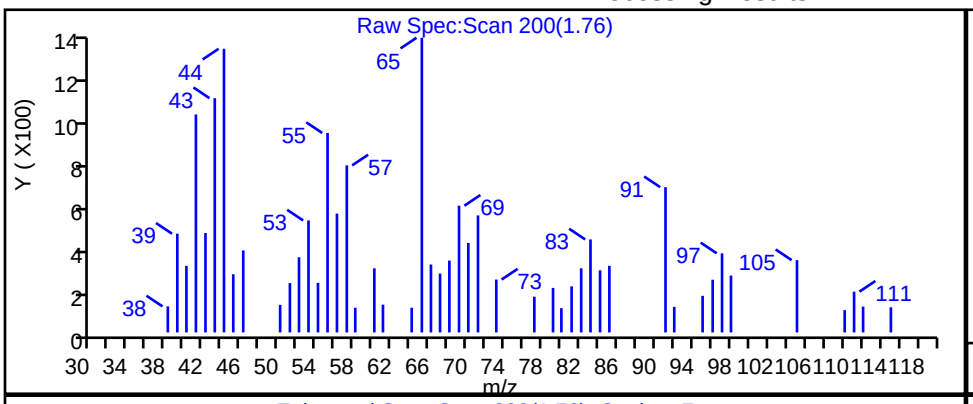
User Disabled Compound Report

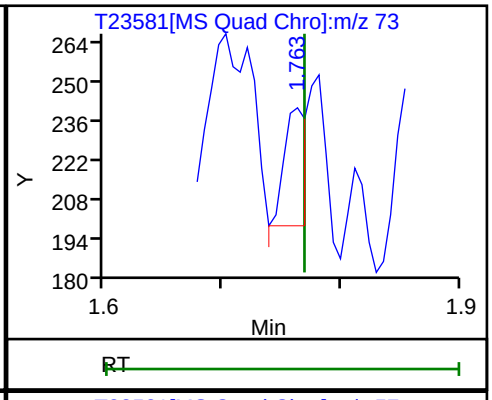
Eurofins TestAmerica, Edison

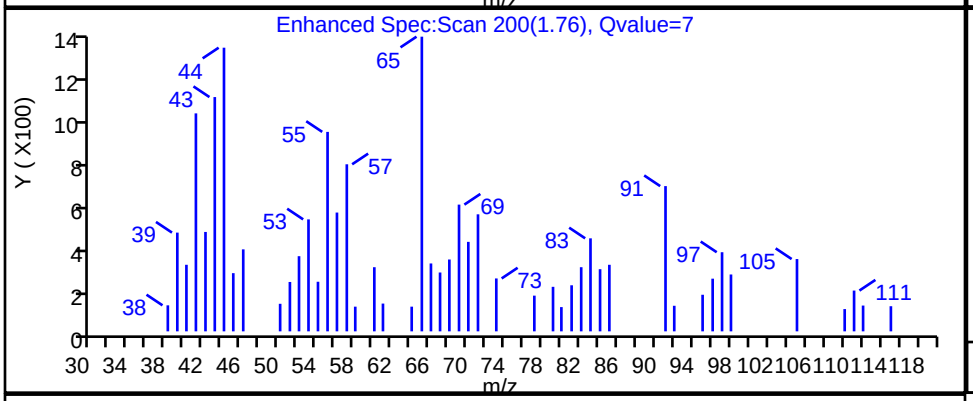
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

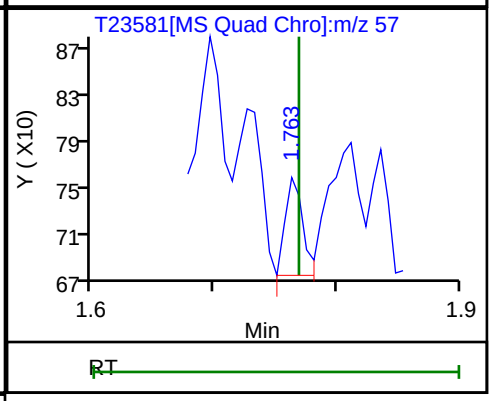
34 Methyl tert-butyl ether, CAS: 1634-04-4

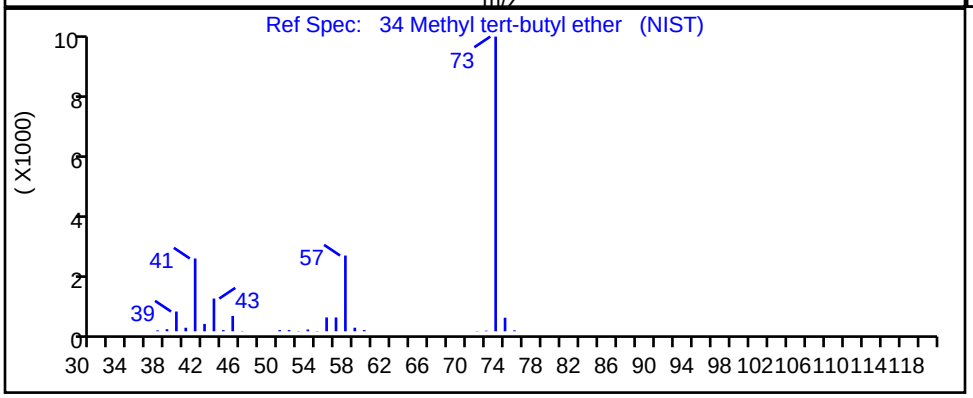
Processing Results











RT	Mass	Response	Amount
1.76	73.00	55	0.006401
1.76	57.00	84	

Reviewer: desais, 04-Oct-2019 07:05:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

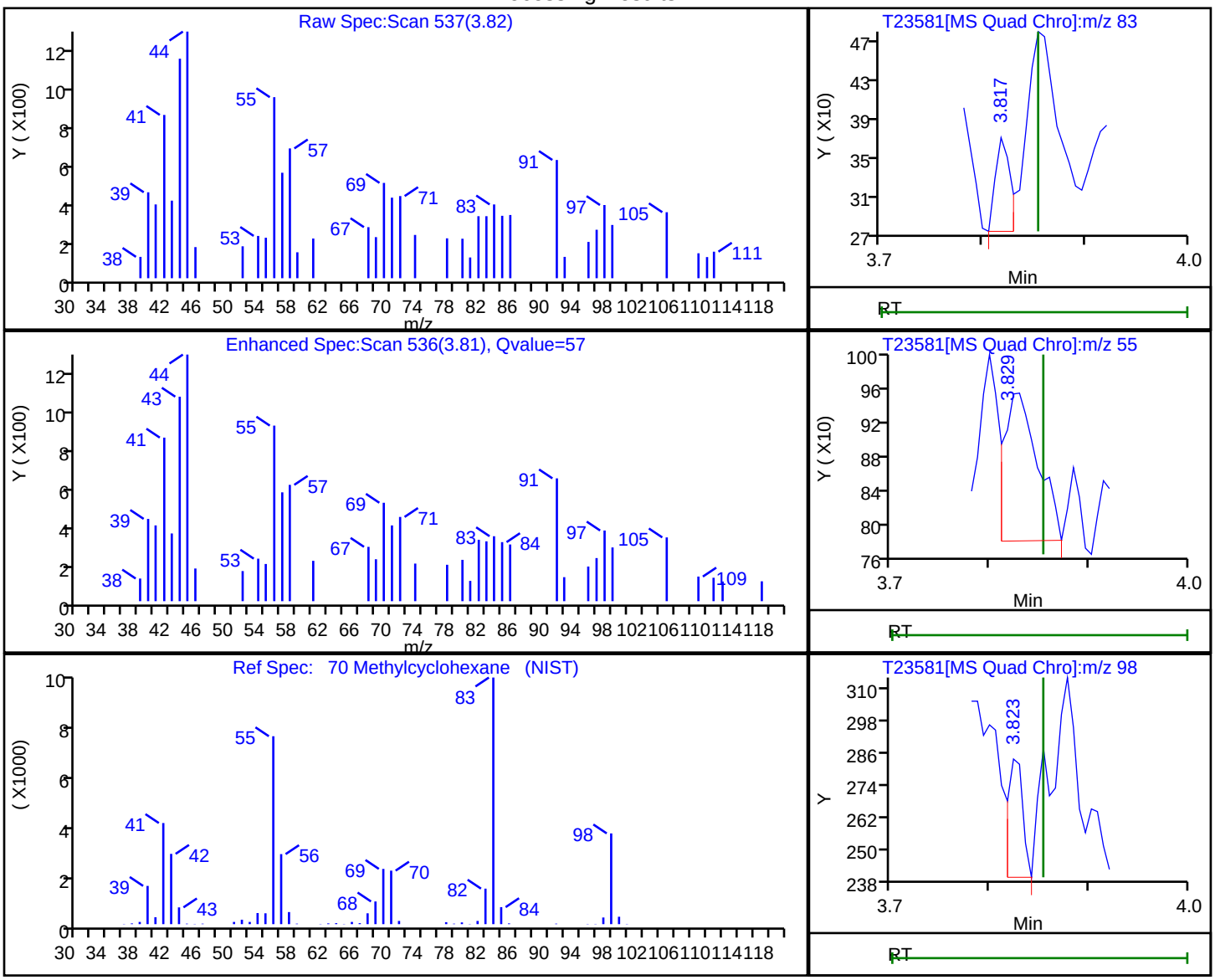
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
3.82	83.00	91	0.017969
3.83	55.00	401	
3.82	98.00	48	

Reviewer: desais, 04-Oct-2019 07:05:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

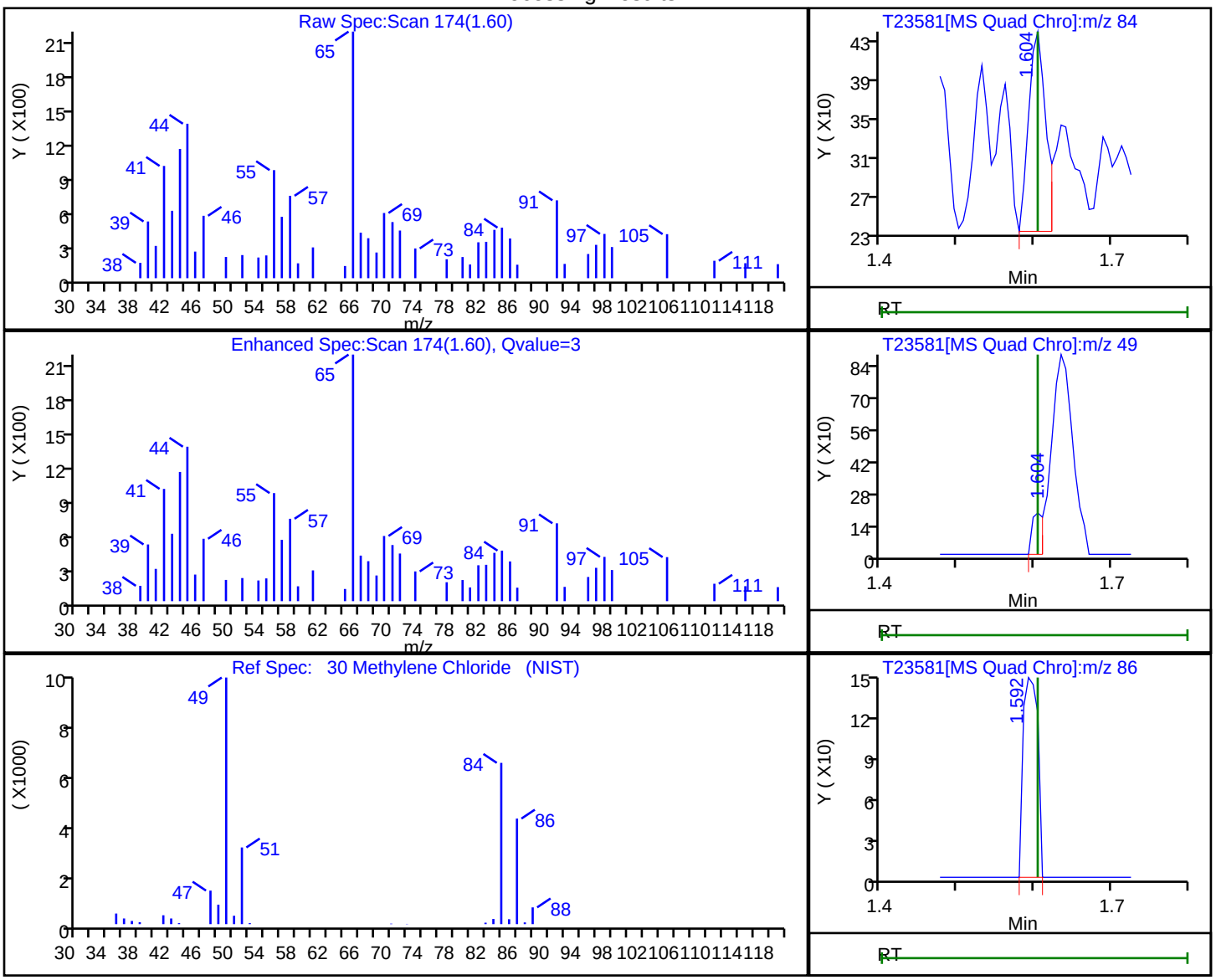
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
1.60	84.00	315	0.099429
1.60	49.00	187	
1.59	86.00	188	

Reviewer: desais, 04-Oct-2019 07:05:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

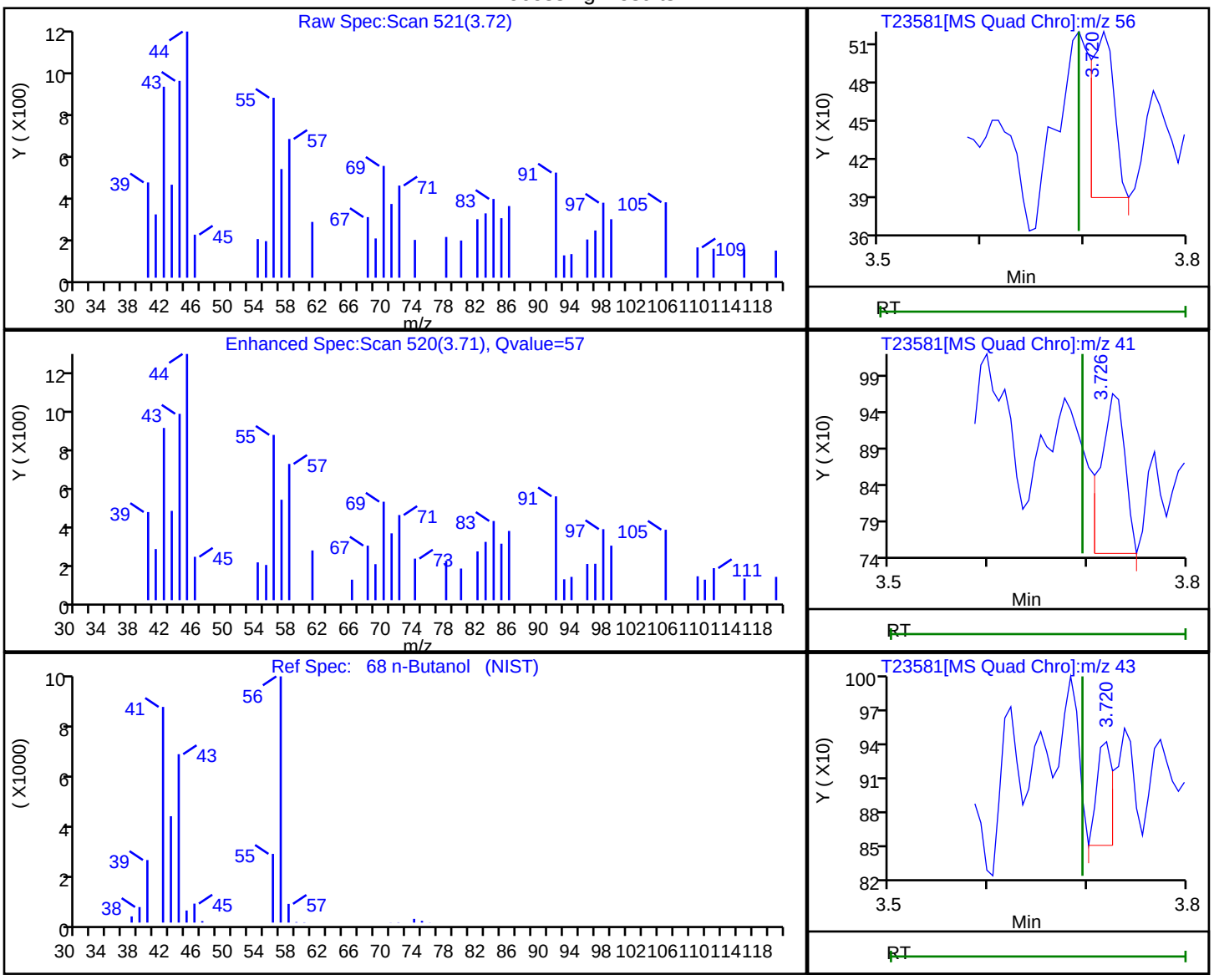
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
3.72	56.00	196	5.256234
3.73	41.00	368	
3.72	43.00	102	

Reviewer: desais, 04-Oct-2019 07:05:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

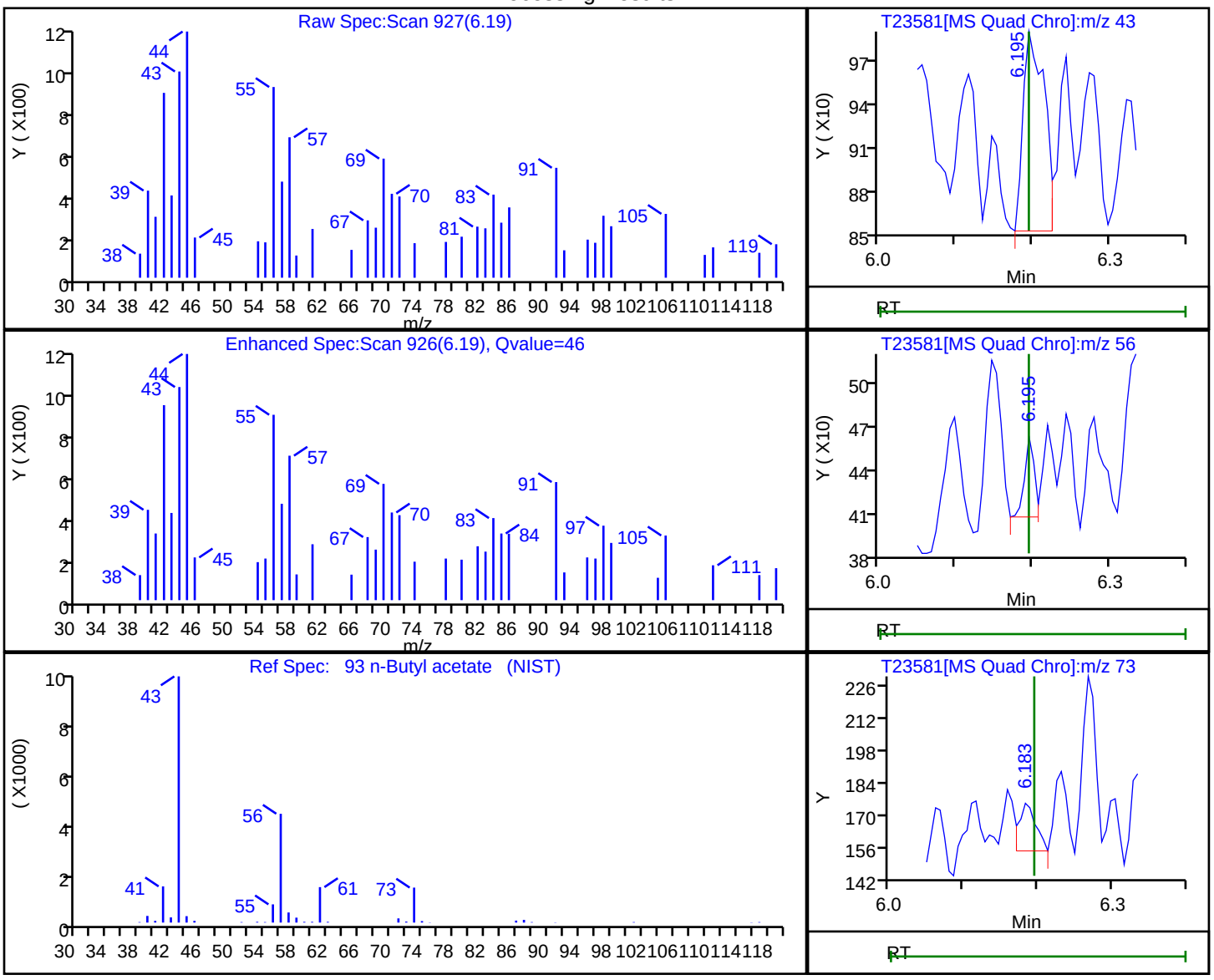
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

93 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
6.19	43.00	246	0.070525
6.19	56.00	45	
6.18	73.00	33	

Reviewer: desais, 04-Oct-2019 07:06:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

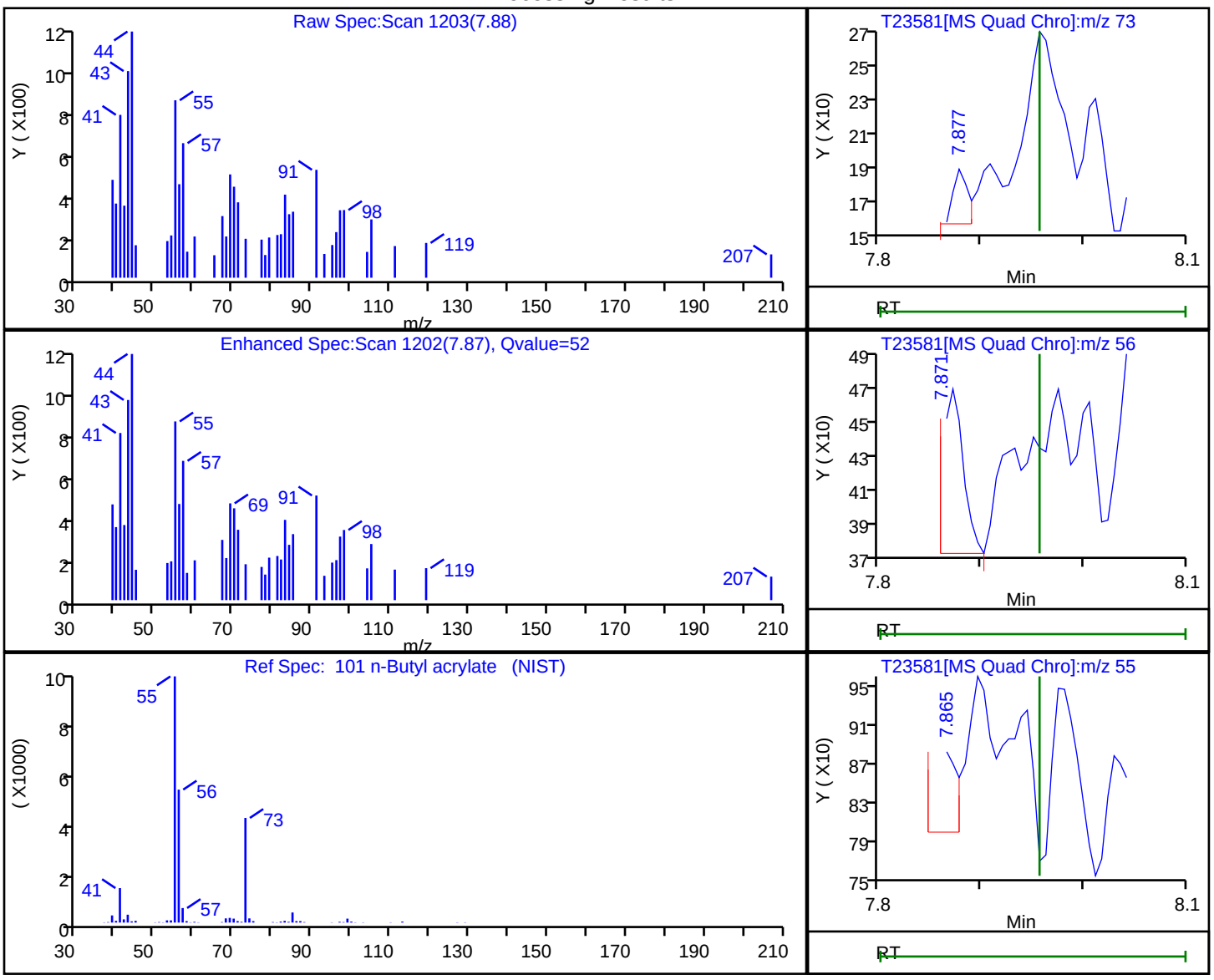
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
7.88	73.00	31	0.014678
7.87	56.00	129	
7.87	55.00	108	

Reviewer: desais, 04-Oct-2019 07:06:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

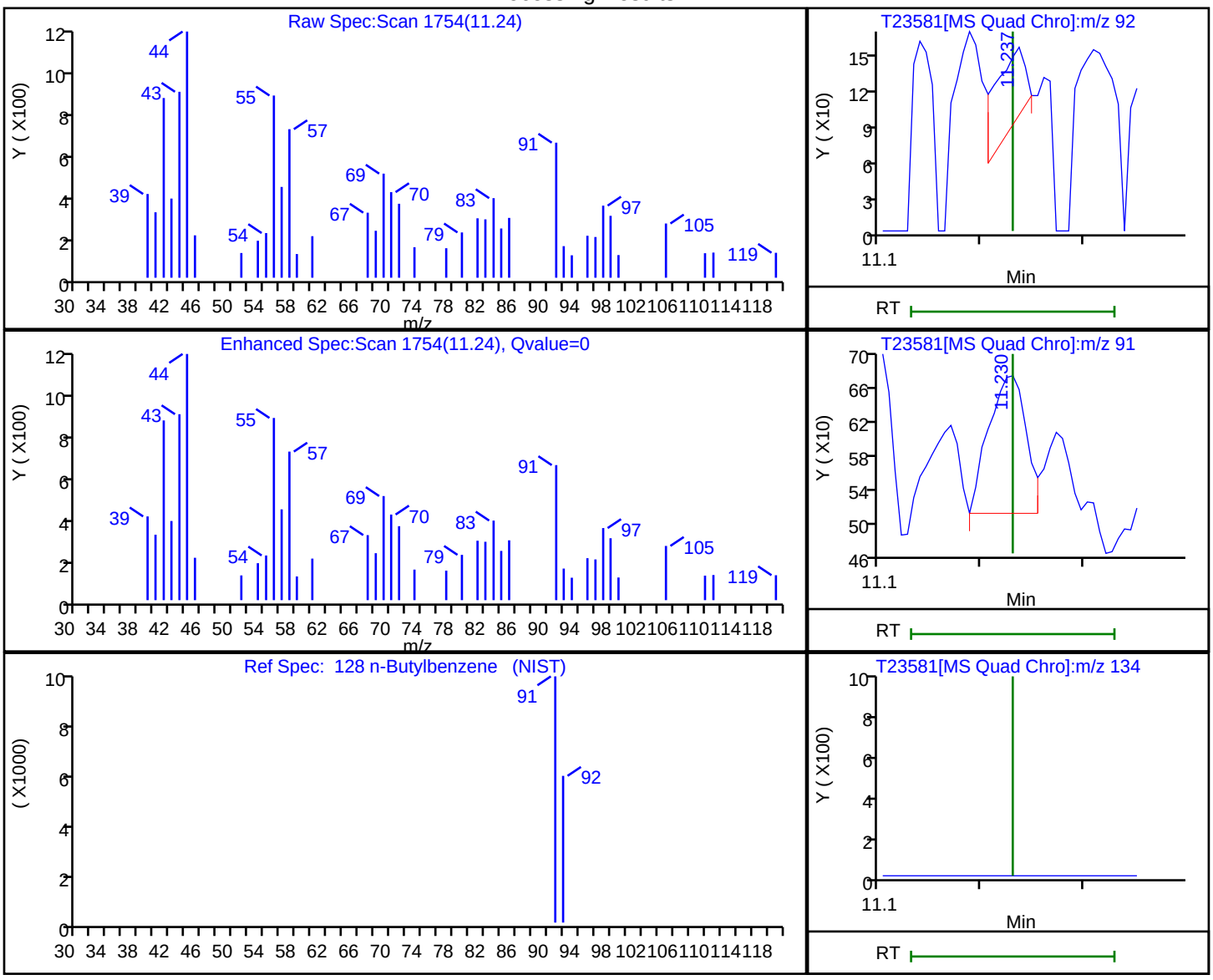
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.24	92.00	134	0.025532
11.23	91.00	408	
11.23	134.00	0	

Reviewer: desais, 04-Oct-2019 07:06:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

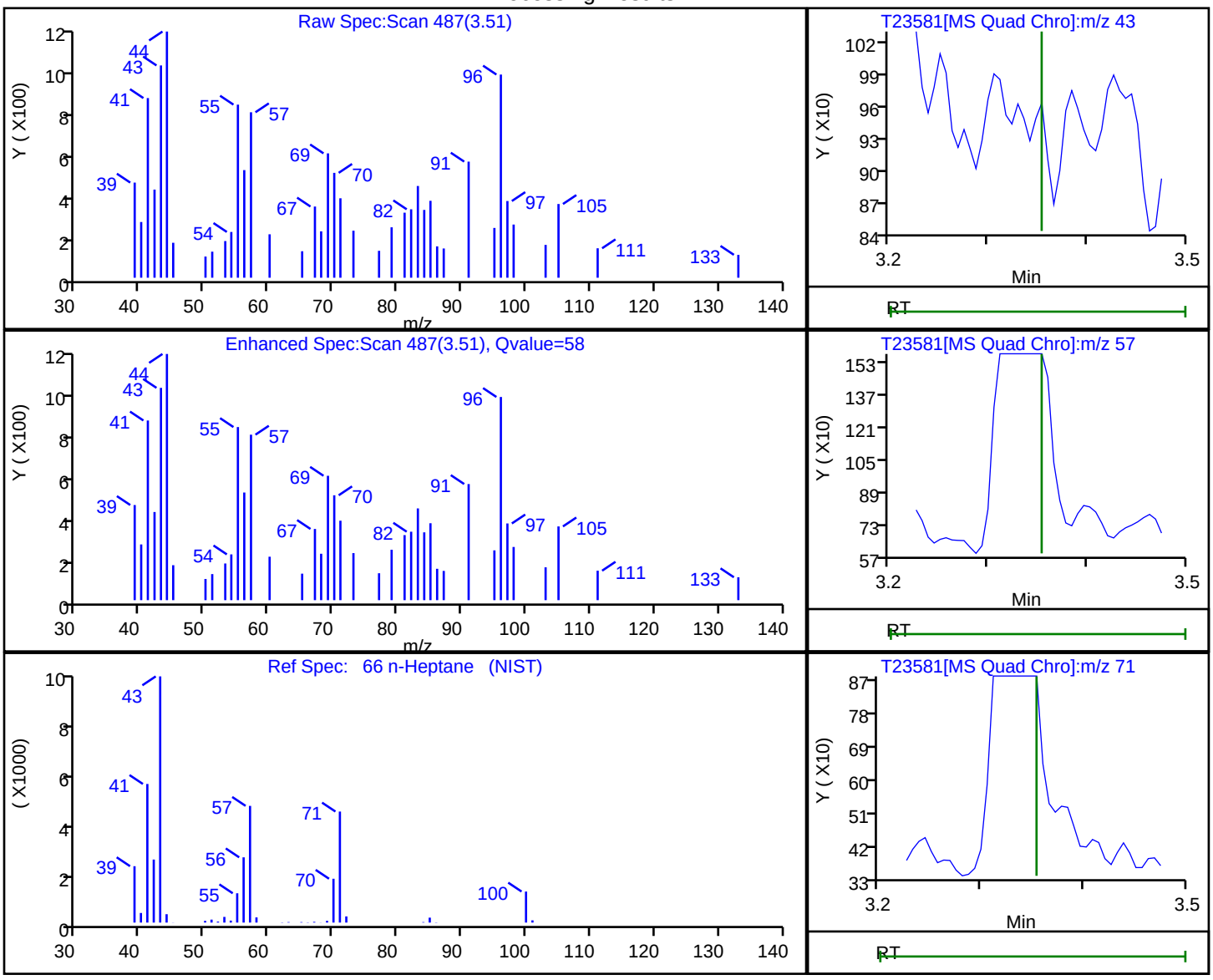
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.51	43.00	177	0.029264
3.51	57.00	390	
3.50	71.00	84	

Reviewer: desais, 04-Oct-2019 07:05:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

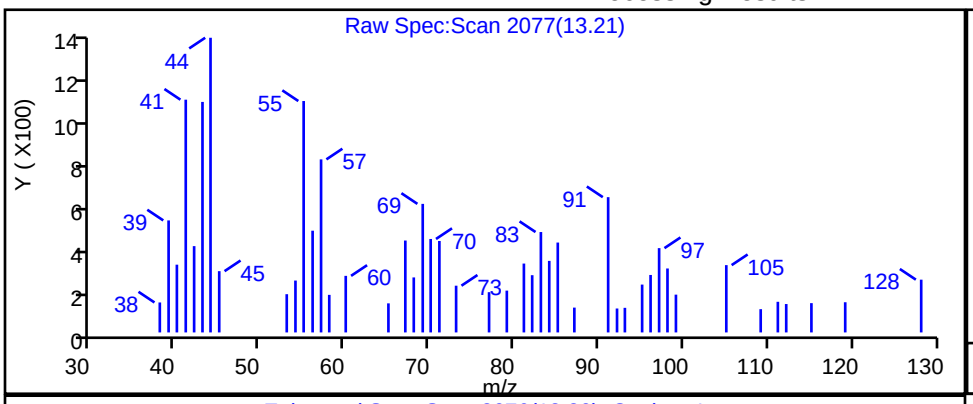
User Disabled Compound Report

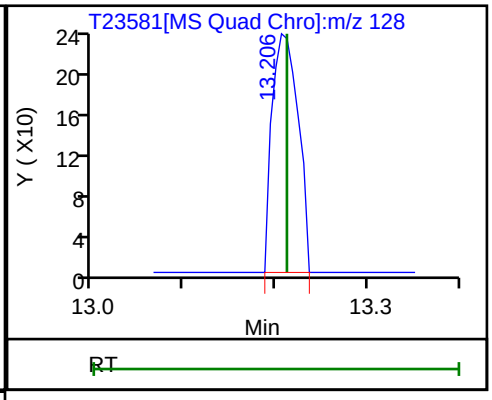
Eurofins TestAmerica, Edison

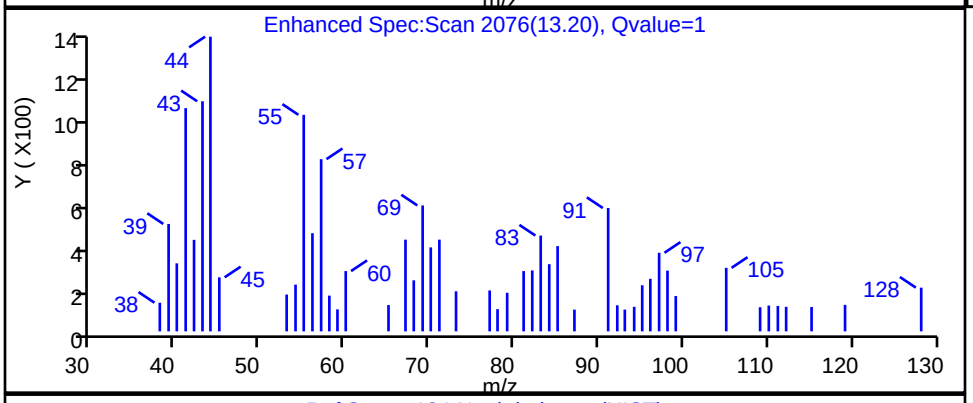
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

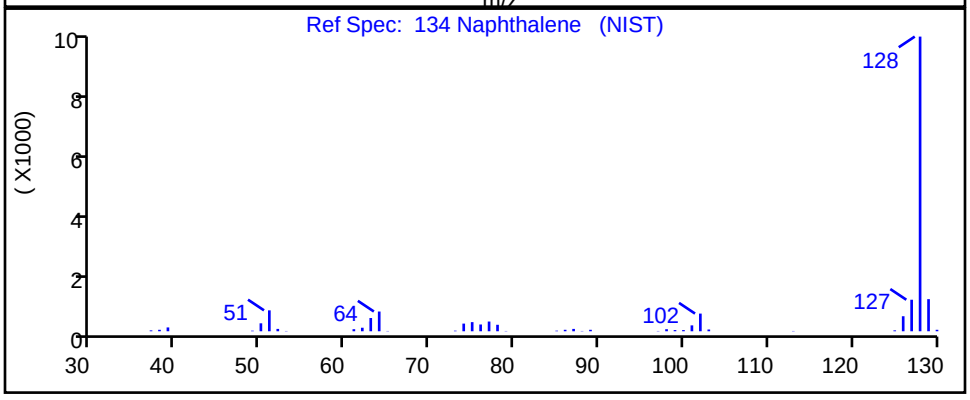
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
13.21	128.00	467	0.055304

Reviewer: desais, 04-Oct-2019 07:06:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

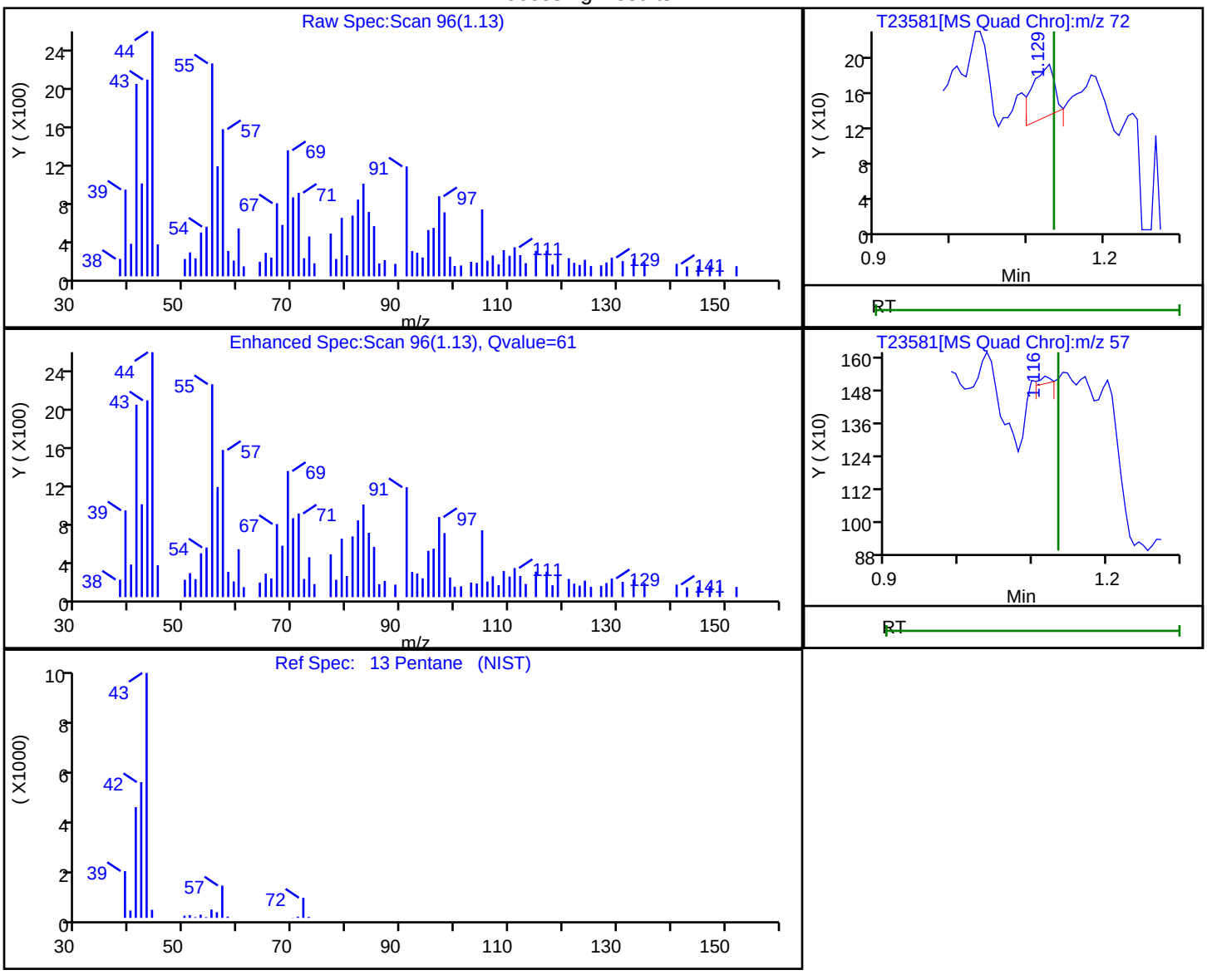
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.13	72.00	118	0.187636
1.12	57.00	28	

Reviewer: desais, 04-Oct-2019 07:05:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

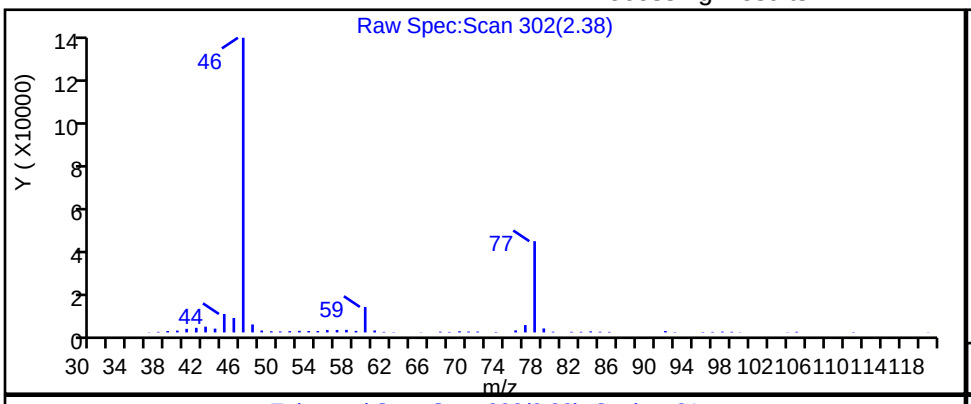
User Disabled Compound Report

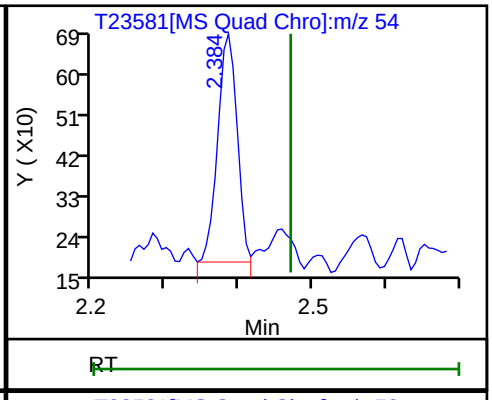
Eurofins TestAmerica, Edison

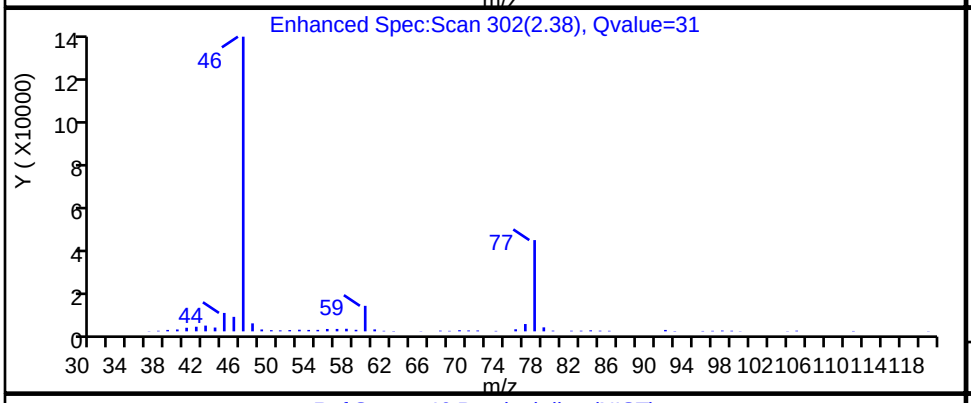
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

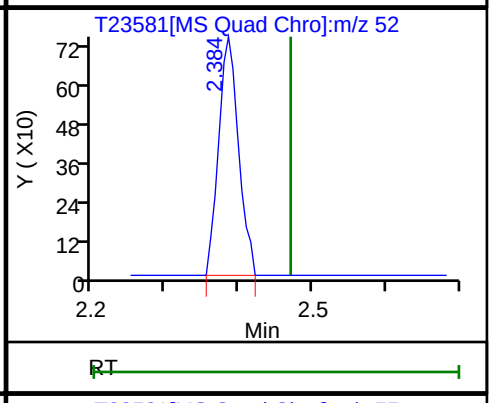
46 Propionitrile, CAS: 107-12-0

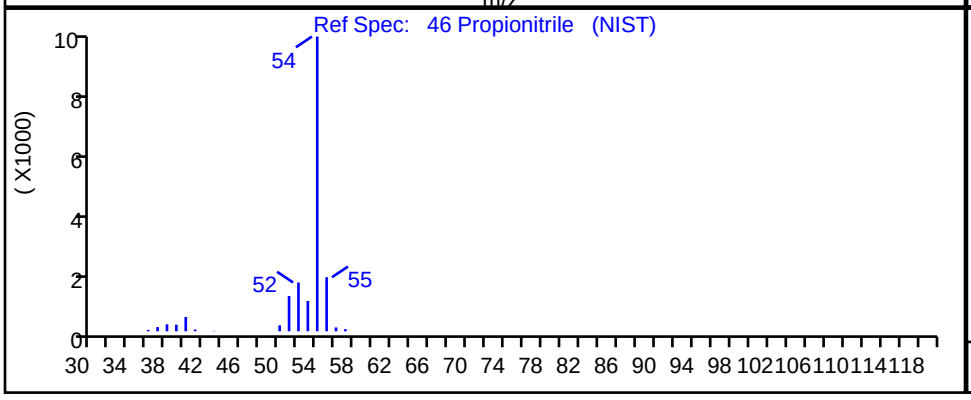
Processing Results

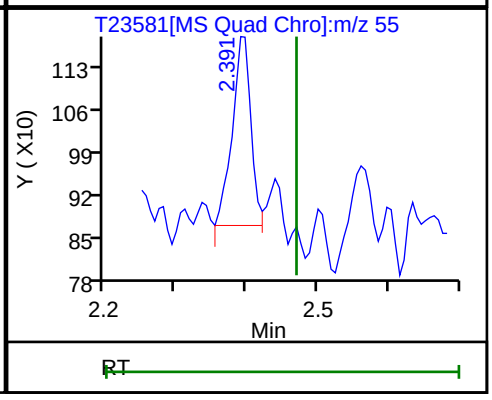












RT	Mass	Response	Amount
2.38	54.00	932	2.732139
2.38	52.00	1413	
2.39	55.00	570	

Reviewer: desais, 04-Oct-2019 07:05:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

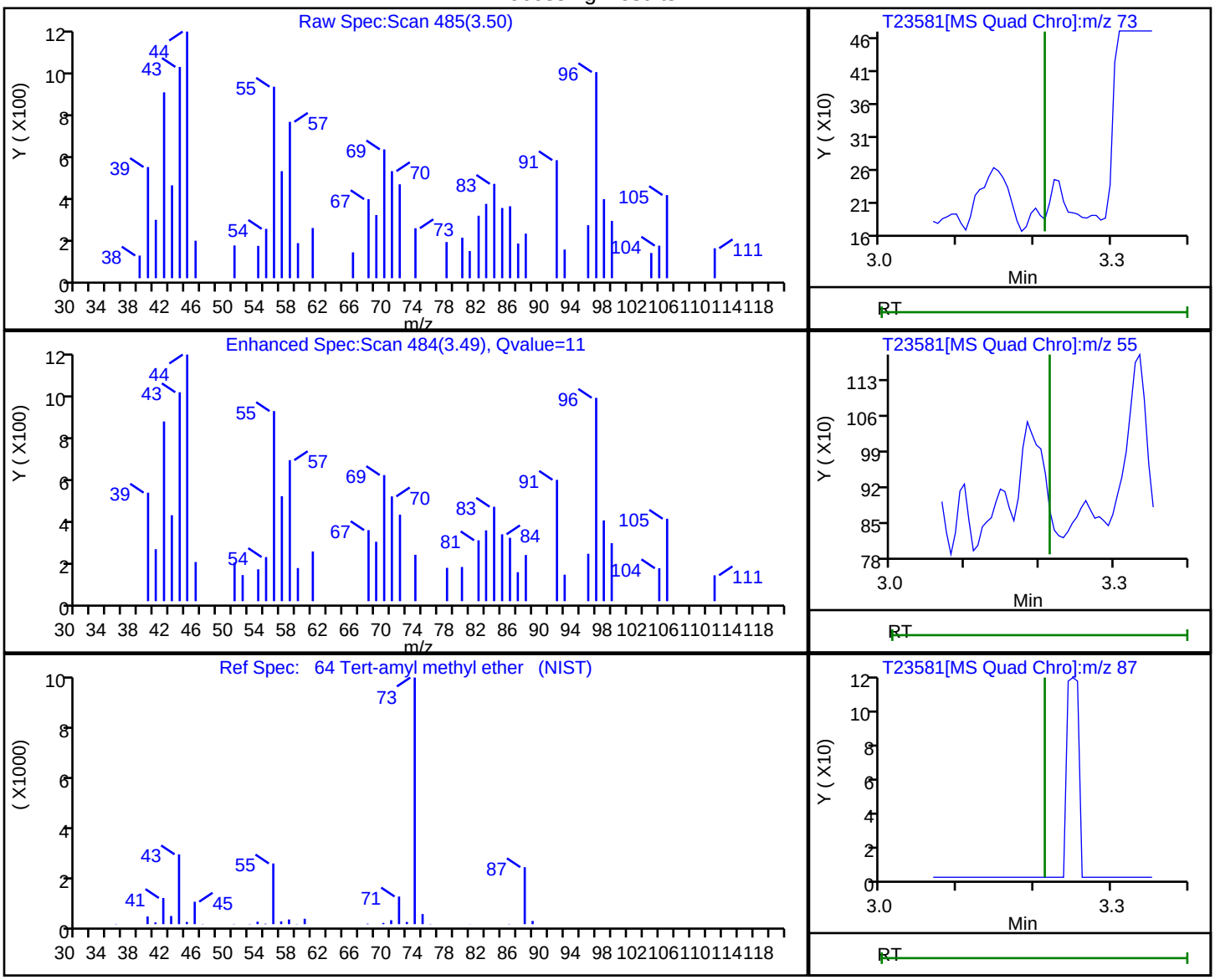
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

64 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
3.50	73.00	121	0.014066
3.49	55.00	208	
3.49	87.00	521	

Reviewer: desais, 04-Oct-2019 07:05:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

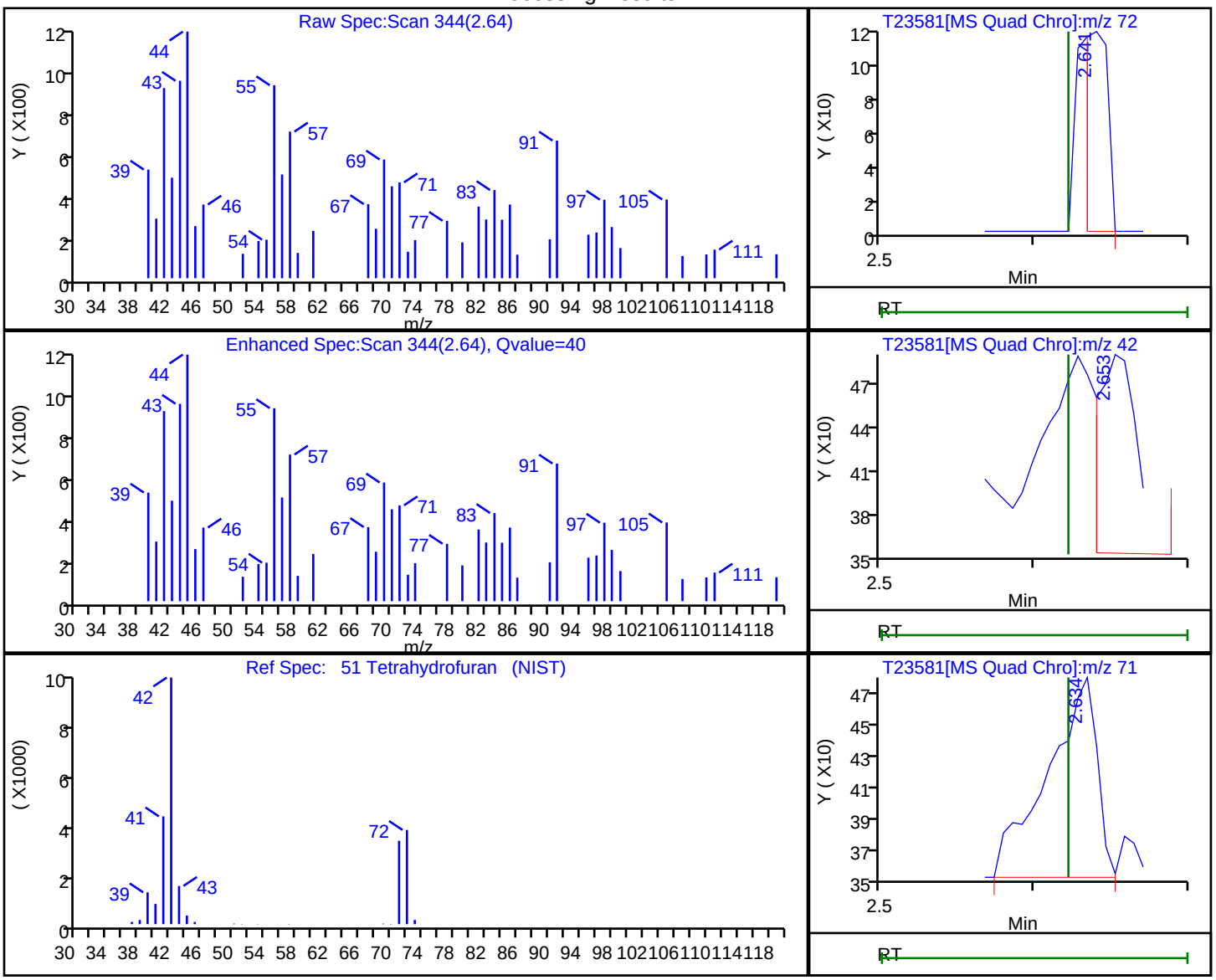
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

51 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
2.64	72.00	128	0.316065
2.65	42.00	227	
2.63	71.00	263	

Reviewer: desais, 04-Oct-2019 07:05:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

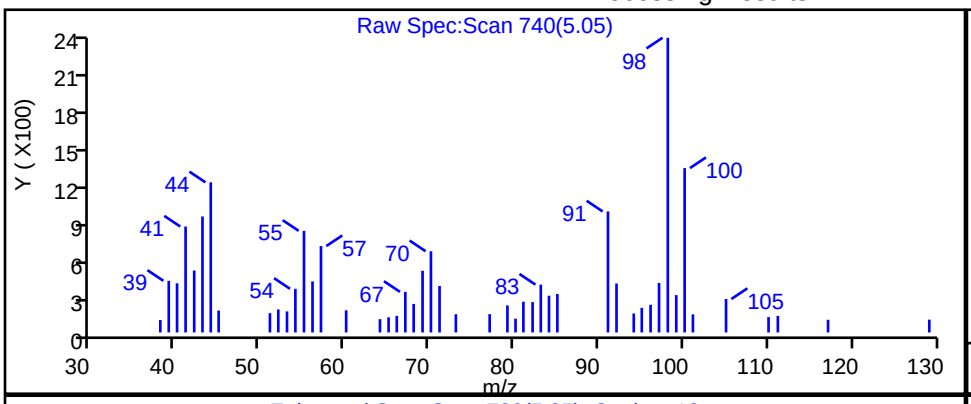
User Disabled Compound Report

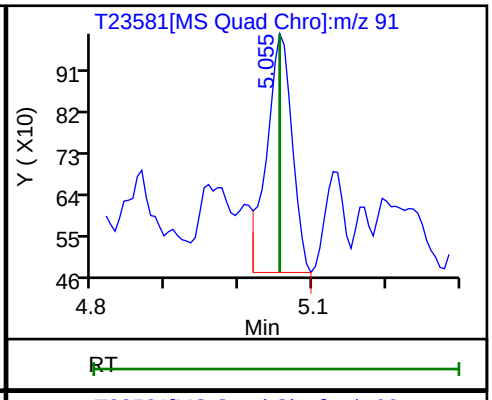
Eurofins TestAmerica, Edison

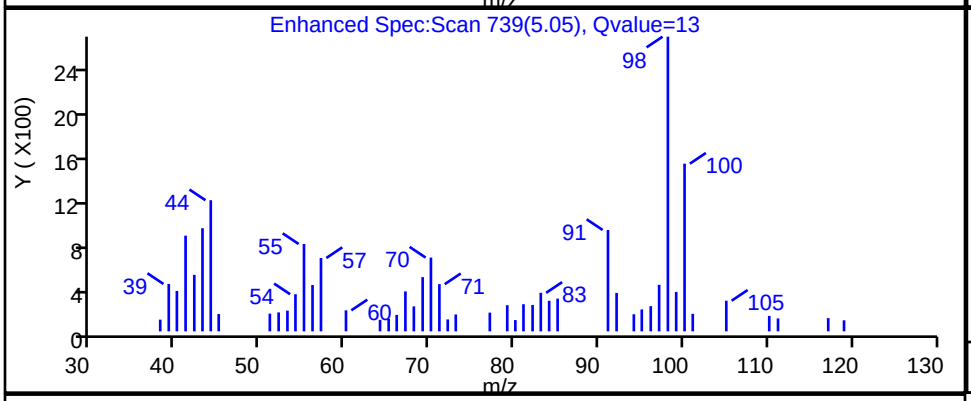
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

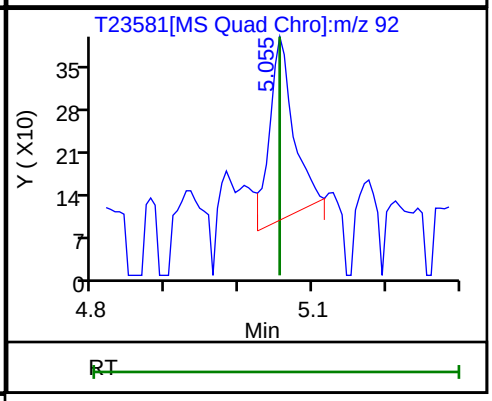
84 Toluene, CAS: 108-88-3

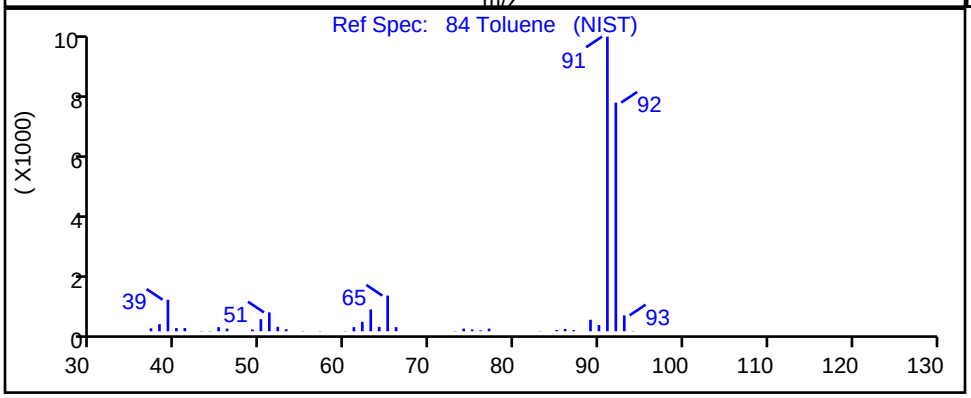
Processing Results











RT	Mass	Response	Amount
5.05	91.00	1248	0.089544
5.05	92.00	691	

Reviewer: desais, 04-Oct-2019 07:05:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

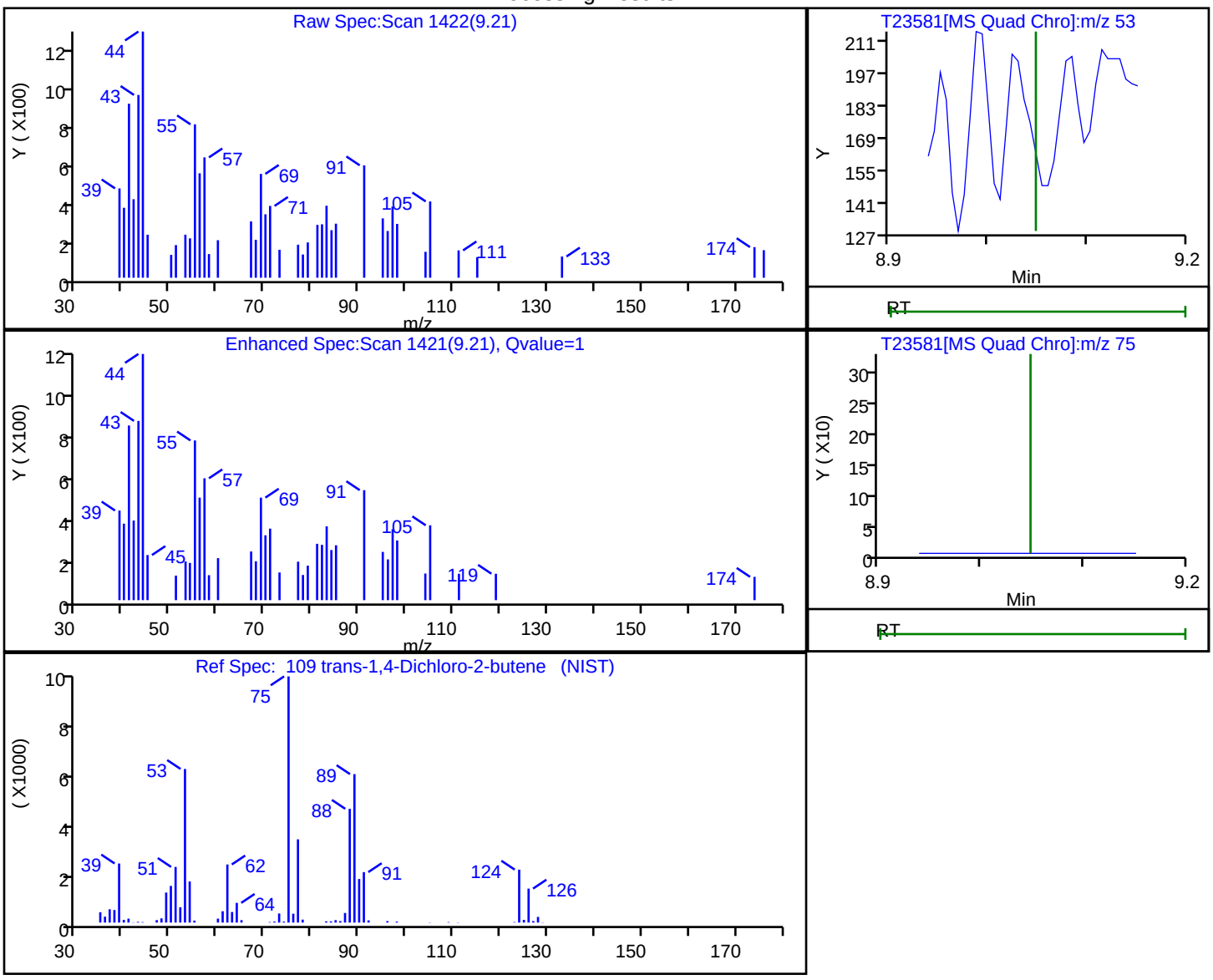
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
9.21	53.00	76	0.076619
9.22	75.00	201	

Reviewer: desais, 04-Oct-2019 07:06:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

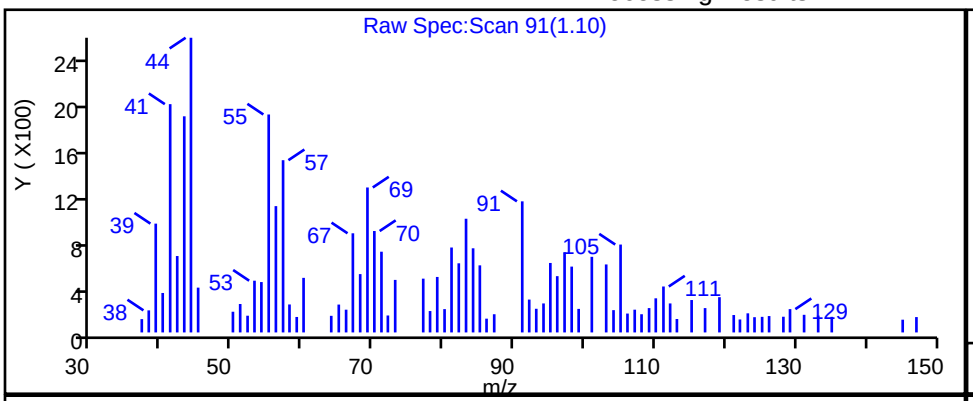
User Disabled Compound Report

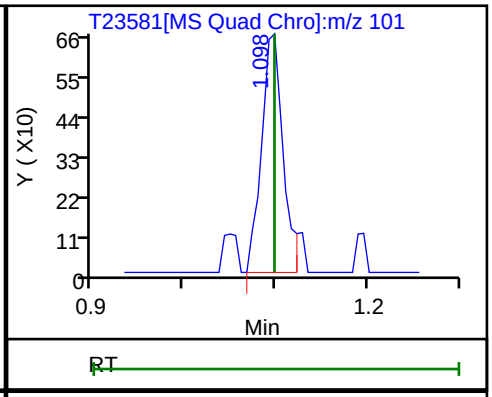
Eurofins TestAmerica, Edison

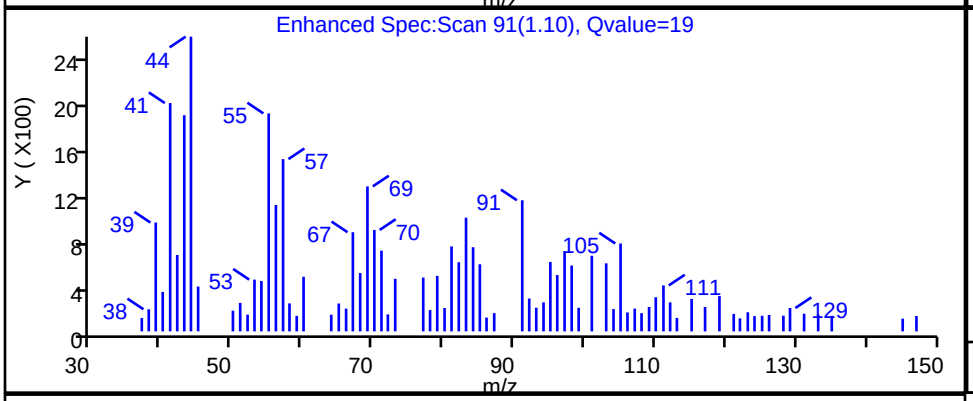
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

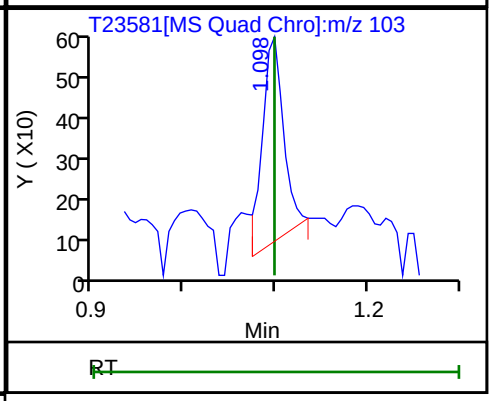
12 Trichlorofluoromethane, CAS: 75-69-4

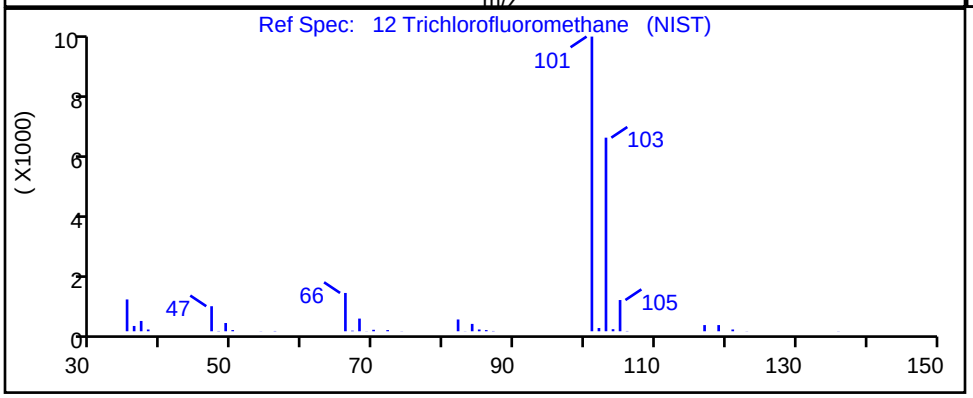
Processing Results











RT	Mass	Response	Amount
1.10	101.00	1089	0.213735
1.10	103.00	837	

Reviewer: desais, 04-Oct-2019 07:05:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

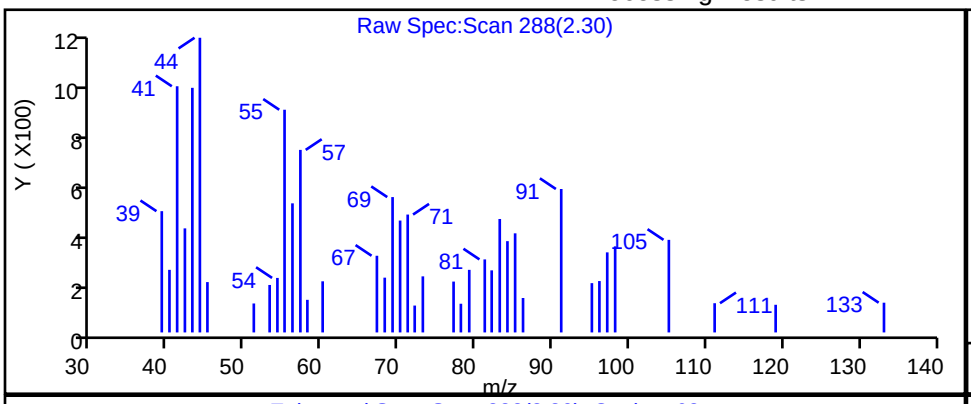
User Disabled Compound Report

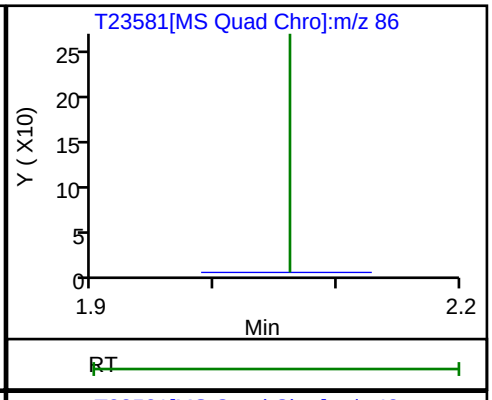
Eurofins TestAmerica, Edison

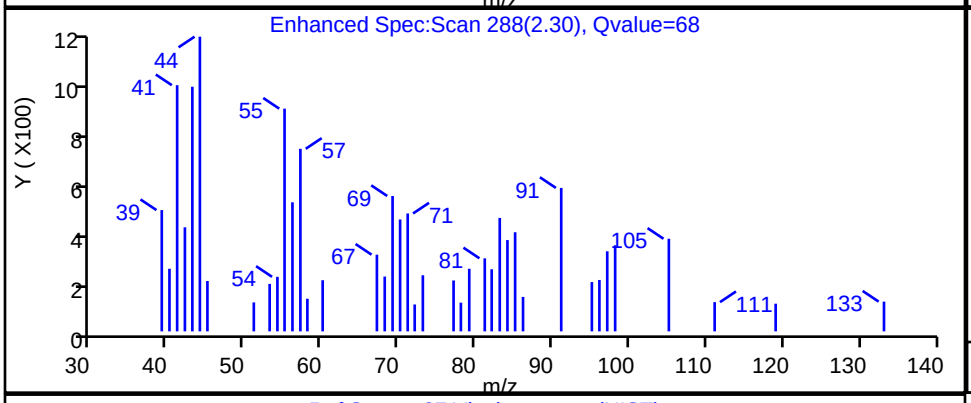
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

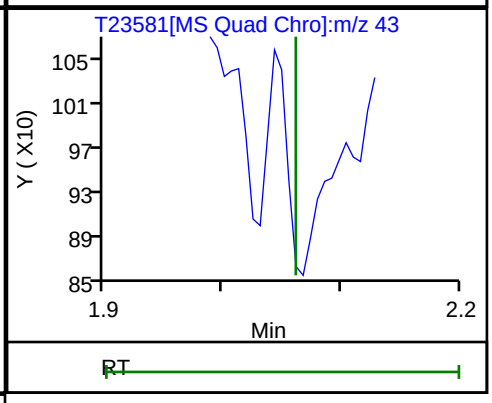
37 Vinyl acetate, CAS: 108-05-4

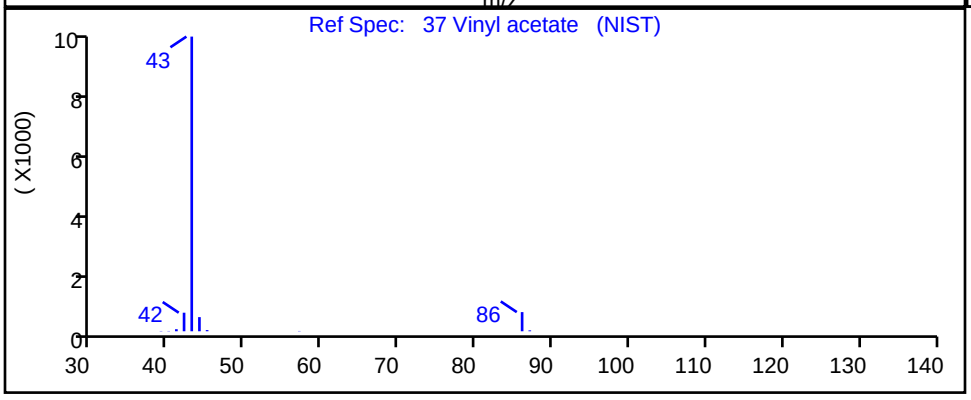
Processing Results











RT	Mass	Response	Amount
2.30	86.00	136	0.200403
2.29	43.00	146	

Reviewer: desais, 04-Oct-2019 07:05:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

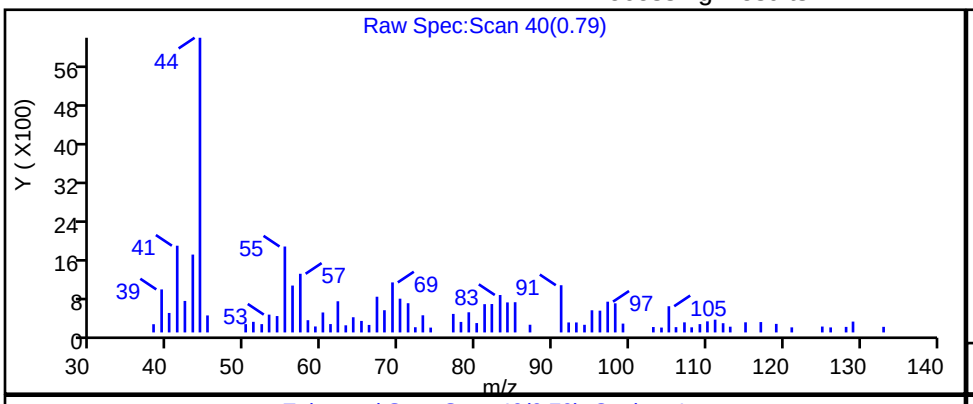
User Disabled Compound Report

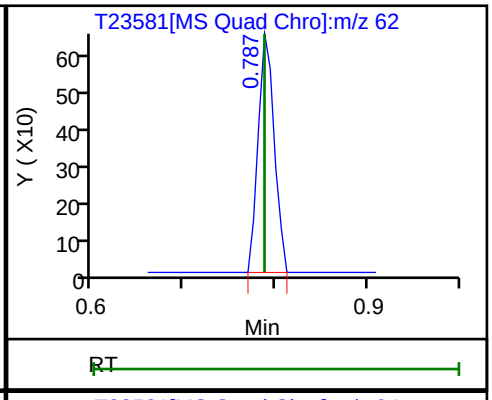
Eurofins TestAmerica, Edison

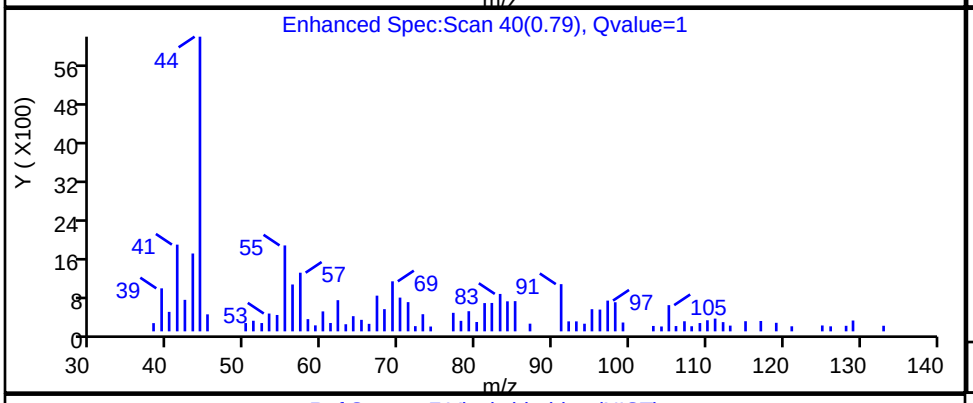
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23581.D
Injection Date: 03-Oct-2019 22:42:41 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

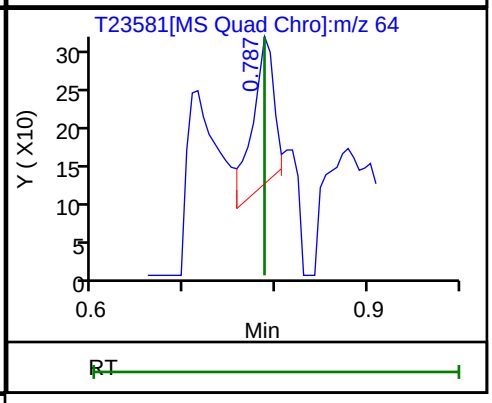
7 Vinyl chloride, CAS: 75-01-4

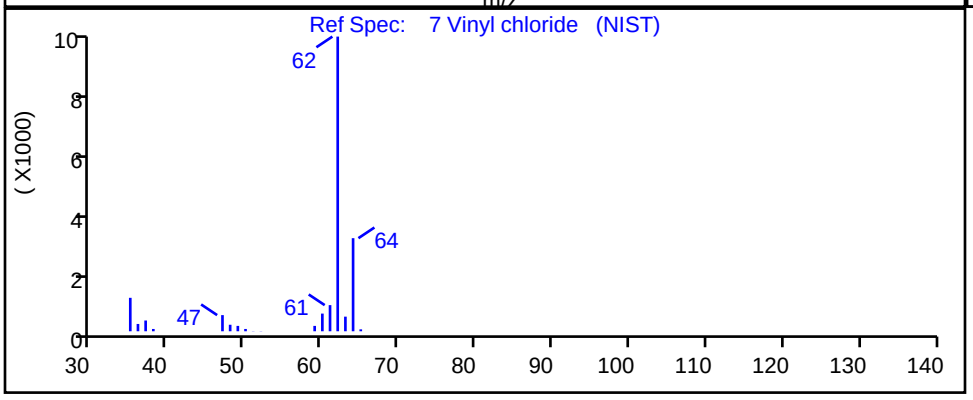
Processing Results











RT	Mass	Response	Amount
0.79	62.00	797	0.238076
0.79	64.00	321	

Reviewer: desais, 04-Oct-2019 07:05:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Oct-2019 23:06:47 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0098692-004
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Oct-2019 20:37:50 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0312

First Level Reviewer: desais Date: 04-Oct-2019 07:04:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.604	0.598	0.006	12	400	0.5000	1.27	
2 Chlorotrifluoroethene	116	0.653	0.653	0.000	27	460	0.5000	0.3220	a
3 Dichlorodifluoromethane	85	0.665	0.665	0.000	3	1524	0.5000	0.4587	a
4 1,1-Difluoroethane	65	0.671	0.671	0.000	1	1945	0.5000	0.3882	a
5 Chlorodifluoromethane	67	0.671	0.671	0.000	1	393	0.5000	0.0787	M
6 Chloromethane	50	0.745	0.744	0.001	1	1466	0.5000	0.5371	
7 Vinyl chloride	62	0.787	0.787	0.000	16	1206	0.5000	0.3690	
8 Butadiene	54	0.806	0.805	0.001	41	1194	0.5000	0.4198	
9 Bromomethane	94	0.934	0.933	0.001	29	744	0.5000	0.4595	M
10 Chloroethane	64	0.976	0.976	0.000	28	990	0.5000	0.4886	
11 Dichlorofluoromethane	67	1.068	1.067	0.001	69	2350	0.5000	0.4555	
12 Trichlorofluoromethane	101	1.098	1.098	0.000	34	1873	0.5000	0.3714	a
13 Pentane	72	1.135	1.135	0.000	79	707	1.00	1.19	a
14 Ethanol	45	1.202	1.196	0.006	21	296	20.0	28.5	
15 1,2-Dichloro-1,1,2-trifluo	117	1.244	1.238	0.006	61	1208	0.5000	0.4063	
16 Ethyl ether	59	1.238	1.238	0.000	37	1363	0.5000	0.6055	
17 2-Methyl-1,3-butadiene	53	1.244	1.244	0.000	74	1124	0.5000	0.4717	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.275	1.269	0.006	56	1725	0.5000	0.3918	a
19 Acrolein	56	1.299	1.299	0.000	52	894	2.00	4.59	
20 1,1-Dichloroethene	96	1.348	1.342	0.006	74	1135	0.5000	0.3973	a
21 1,1,2-Trichloro-1,2,2-trif	101	1.348	1.348	0.000	55	1587	0.5000	0.4857	
22 Acetone	43	1.379	1.378	0.001	68	1668	2.50	2.83	M
23 Iodomethane	142	1.421	1.421	0.000	61	1387	0.5000	0.3449	
24 Carbon disulfide	76	1.458	1.452	0.006	87	4459	0.5000	0.4981	
25 Isopropyl alcohol	45	1.464	1.464	0.000	24	797	5.00	6.59	
26 Acetonitrile	40	1.531	1.531	0.000	80	603	5.00	4.63	
27 3-Chloro-1-propene	76	1.537	1.537	0.000	85	825	0.5000	0.4537	
28 Methyl acetate	43	1.555	1.555	0.000	91	1642	1.00	1.02	
29 Cyclopentene	67	1.580	1.580	0.000	85	2955	0.5000	0.4346	
30 Methylene Chloride	84	1.604	1.604	0.000	67	1565	0.5000	0.5094	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.635	1.634	0.001	99	43434	1000.0	1000.0	
40 2-Methyl-2-propanol	59	1.683	1.683	0.000	40	2099	5.00	5.06	a
32 Acrylonitrile	53	1.744	1.744	0.000	92	4217	5.00	5.03	
33 trans-1,2-Dichloroethene	96	1.763	1.756	0.007	48	1491	0.5000	0.4560	
34 Methyl tert-butyl ether	73	1.769	1.769	0.000	69	4023	0.5000	0.4828	
35 Hexane	57	1.933	1.933	0.000	84	1653	0.5000	0.4599	
36 1,1-Dichloroethane	63	2.013	2.012	0.001	63	2218	0.5000	0.4412	
37 Vinyl acetate	86	2.061	2.061	0.000	94	728	1.00	1.08	
38 2-Chloro-1,3-butadiene	88	2.080	2.073	0.007	45	1346	0.5000	0.4314	
39 Isopropyl ether	45	2.080	2.073	0.007	58	3752	0.5000	0.5025	
41 Tert-butyl ethyl ether	59	2.324	2.323	0.001	77	4560	0.5000	0.5395	
* 42 2-Butanone-d5	46	2.384	2.384	0.000	97	249688	250.0	250.0	
43 2,2-Dichloropropane	97	2.409	2.403	0.006	46	924	0.5000	0.7323	a
44 cis-1,2-Dichloroethene	96	2.409	2.409	0.000	23	1826	0.5000	0.5027	
45 2-Butanone (MEK)	43	2.427	2.427	0.000	51	1857	2.50	2.21	
46 Propionitrile	54	2.470	2.470	0.000	53	1774	5.00	5.46	
47 Ethyl acetate	70	2.482	2.488	-0.006	76	406	1.00	1.43	
48 Isopropyl acetate	61	2.488	2.488	0.000	66	555	0.5000	0.6518	
55 Methyl acrylate	55	2.506	2.506	0.000	67	689	0.5000	0.2709	a
50 Chlorobromomethane	128	2.580	2.579	0.001	36	967	0.5000	0.5511	
49 Methacrylonitrile	67	2.580	2.579	0.001	88	5351	5.00	4.67	
51 Tetrahydrofuran	72	2.628	2.622	0.006	44	431	1.00	1.07	
52 Chloroform	83	2.647	2.646	0.001	80	2557	0.5000	0.4651	
$ 53 Dibromofluoromethane (Surr	113	2.775	2.768	0.007	96	161144	50.0	50.2	
54 1,1,1-Trichloroethane	97	2.781	2.781	0.000	15	2330	0.5000	0.4499	
56 Cyclohexane	84	2.823	2.823	0.000	65	1829	0.5000	0.4086	
57 Carbon tetrachloride	117	2.915	2.915	0.000	86	2398	0.5000	0.4943	
58 1,1-Dichloropropene	75	2.915	2.915	0.000	61	2216	0.5000	0.5034	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	96	160369	50.0	50.7	
60 Isobutyl alcohol	43	3.073	3.073	0.000	85	1113	12.5	14.3	
61 Benzene	78	3.086	3.079	0.007	88	6076	0.5000	0.4784	
62 1,2-Dichloroethane	62	3.098	3.104	-0.006	49	2229	0.5000	0.5759	
63 Isooctane	57	3.177	3.177	0.000	85	3034	0.5000	0.4642	
64 Tert-amyl methyl ether	73	3.208	3.213	-0.005	52	4023	0.5000	0.4823	
* 65 Fluorobenzene	96	3.336	3.335	0.001	99	558944	50.0	50.0	
66 n-Heptane	43	3.354	3.354	0.000	37	1324	0.5000	0.5259	a
67 Trichloroethene	95	3.677	3.671	0.006	72	1960	0.5000	0.4933	
68 n-Butanol	56	3.701	3.695	0.006	64	691	12.5	11.2	
69 Ethyl acrylate	55	3.842	3.841	0.001	78	3340	0.5000	0.4998	
70 Methylcyclohexane	83	3.854	3.854	0.000	73	2115	0.5000	0.4307	
71 1,2-Dichloropropane	63	3.884	3.884	0.000	49	1296	0.5000	0.4473	
72 Dibromomethane	93	4.000	4.000	0.000	21	1267	0.5000	0.5983	
* 73 1,4-Dioxane-d8	96	4.000	4.000	0.000	55	27123	1000.0	1000.0	
74 1,4-Dioxane	88	4.061	4.055	0.006	20	696	25.0	26.7	
75 Methyl methacrylate	100	4.067	4.067	0.000	80	985	1.00	1.08	
76 n-Propyl acetate	43	4.152	4.152	0.000	80	1376	0.5000	0.4351	
77 Dichlorobromomethane	83	4.183	4.183	0.000	72	2169	0.5000	0.5049	
78 2-Nitropropane	41	4.439	4.439	0.000	71	862	1.00	1.23	
79 2-Chloroethyl vinyl ether	63	4.561	4.555	0.006	37	1014	0.5012	0.4908	
80 Epichlorohydrin	57	4.598	4.597	0.001	66	2079	10.0	8.16	
85 cis-1,3-Dichloropropene	75	4.683	4.683	0.000	58	2220	0.5000	0.4473	a
82 4-Methyl-2-pentanone (MIBK	43	4.902	4.902	0.000	82	4884	2.50	2.41	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.982	4.981	0.001	99	577069	50.0	49.5	
84 Toluene	91	5.055	5.055	0.000	81	6858	0.5000	0.5001	
81 trans-1,3-Dichloropropene	75	5.366	5.365	0.001	64	2157	0.5000	0.4641	a
86 Ethyl methacrylate	69	5.555	5.554	0.001	63	1682	0.5000	0.4598	a
87 1,1,2-Trichloroethane	83	5.573	5.579	-0.006	41	1216	0.5000	0.5214	
88 Tetrachloroethene	166	5.719	5.719	0.000	52	1713	0.5000	0.5029	
89 1,3-Dichloropropane	76	5.774	5.774	0.000	42	2027	0.5000	0.4523	
90 2-Hexanone	43	5.969	5.969	0.000	82	3317	2.50	2.38	
91 Chlorodibromomethane	129	6.055	6.054	0.001	18	1729	0.5000	0.5036	
92 Ethylene Dibromide	107	6.164	6.164	0.000	33	1785	0.5000	0.5680	
93 n-Butyl acetate	43	6.195	6.195	0.000	75	1921	0.5000	0.5597	
* 94 Chlorobenzene-d5	117	6.835	6.835	0.000	85	440300	50.0	50.0	
95 Chlorobenzene	112	6.871	6.871	0.000	43	4745	0.5000	0.5346	
96 1,1,1,2-Tetrachloroethane	131	7.018	7.018	0.000	35	1456	0.5000	0.4635	
97 Ethylbenzene	106	7.079	7.079	0.000	78	2306	0.5000	0.4935	
98 m-Xylene & p-Xylene	106	7.262	7.261	0.001	86	2824	0.5000	0.5045	
99 o-Xylene	106	7.829	7.828	0.001	80	2577	0.5000	0.4811	
100 Styrene	104	7.859	7.865	-0.006	76	4638	0.5000	0.5155	
101 n-Butyl acrylate	73	7.957	7.956	0.001	79	1270	0.5000	0.6112	
102 Bromoform	173	8.072	8.078	-0.006	12	845	0.5000	0.4167	
103 Amyl acetate (mixed isomer	43	8.347	8.347	0.000	75	1732	0.5000	0.4786	
104 Isopropylbenzene	105	8.432	8.432	0.000	71	6343	0.5000	0.4778	
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	167527	50.0	50.8	
106 Bromobenzene	156	8.792	8.792	0.000	67	1538	0.5000	0.4792	
107 1,1,2,2-Tetrachloroethane	83	8.950	8.950	0.000	29	1107	0.5000	0.3942	
108 1,2,3-Trichloropropane	110	8.956	8.956	0.000	44	872	0.5000	0.5451	
109 trans-1,4-Dichloro-2-buten	53	9.042	9.048	-0.006	1	360	0.5000	0.3745	
110 N-Propylbenzene	91	9.084	9.084	0.000	86	7153	0.5000	0.4513	
111 2-Chlorotoluene	91	9.145	9.145	0.000	63	4336	0.5000	0.4833	
112 4-Ethyltoluene	105	9.286	9.285	0.001	83	5784	0.5000	0.4591	
113 4-Chlorotoluene	91	9.334	9.334	0.000	73	3967	0.5000	0.4598	
114 1,3,5-Trimethylbenzene	105	9.402	9.401	0.001	76	4884	0.5000	0.4746	
115 Butyl Methacrylate	87	9.712	9.712	0.000	73	1964	0.5000	0.5309	
116 tert-Butylbenzene	119	9.908	9.907	0.001	67	4486	0.5000	0.5017	
117 1,2,4-Trimethylbenzene	105	9.987	9.987	0.000	75	5521	0.5000	0.5202	
118 sec-Butylbenzene	105	10.267	10.273	-0.006	77	5952	0.5000	0.4859	
119 1,3-Dichlorobenzene	146	10.353	10.352	0.001	69	2598	0.5000	0.4721	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	96	202860	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.511	10.511	0.000	33	2786	0.5000	0.4909	a
122 p-Diethylbenzene	119	10.554	10.554	0.000	56	4455	0.5000	0.4400	
123 1,2,3-Trimethylbenzene	105	10.651	10.657	-0.006	84	4166	0.5000	0.4175	
127 Benzyl chloride	91	10.779	10.779	0.000	62	3467	0.5000	0.5260	a
124 2,3-Dihydroindene	117	10.932	10.932	0.000	71	5110	0.5000	0.5059	
125 1,2-Dichlorobenzene	146	11.096	11.102	-0.006	62	2518	0.5000	0.4851	
126 4-Isopropyltoluene	119	11.200	11.200	0.000	47	2833	0.5000	0.5149	a
128 n-Butylbenzene	92	11.224	11.230	-0.006	76	2633	0.5000	0.5177	
129 1,2-Dibromo-3-Chloropropan	75	12.157	12.163	-0.006	1	227	0.5000	0.3824	
130 1,2,4,5-Tetramethylbenzene	119	12.200	12.200	0.000	69	3919	0.5000	0.4669	
131 1,3,5-Trichlorobenzene	180	12.401	12.401	0.000	46	1175	0.5000	0.4235	
132 1,2,4-Trichlorobenzene	180	13.004	13.010	-0.006	28	1116	0.5000	0.4558	
133 Hexachlorobutadiene	225	13.206	13.205	0.001	1	382	0.5000	0.4225	
134 Naphthalene	128	13.212	13.212	0.000	86	4140	0.5000	0.5059	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.431	13.431	0.000	29	1084	0.5000	0.4920	
S 136 1,2-Dichloroethene, Total	100				0		1.00	0.9587	
S 137 Xylenes, Total	100				0		1.00	0.9856	
S 138 Total BTEX	1				0		2.50	2.46	
S 139 1,3-Dichloropropene, Total	1				0		1.00	0.9114	
S 140 Total 1,2-dichloroethene	1				0			0.9587	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00012	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00105	Amount Added:	5.00	Units: uL	
ACROLEIN W_00096	Amount Added:	2.00	Units: uL	
14DIOXINTER_00105	Amount Added:	15.00	Units: uL	
GASES Li_00335	Amount Added:	5.00	Units: uL	
VOA6IS/SURR_00028	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 04-Oct-2019 20:37:52 Chrom Revision: 2.3 17-Sep-2019 16:19:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D

Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15

Lims ID: STD05

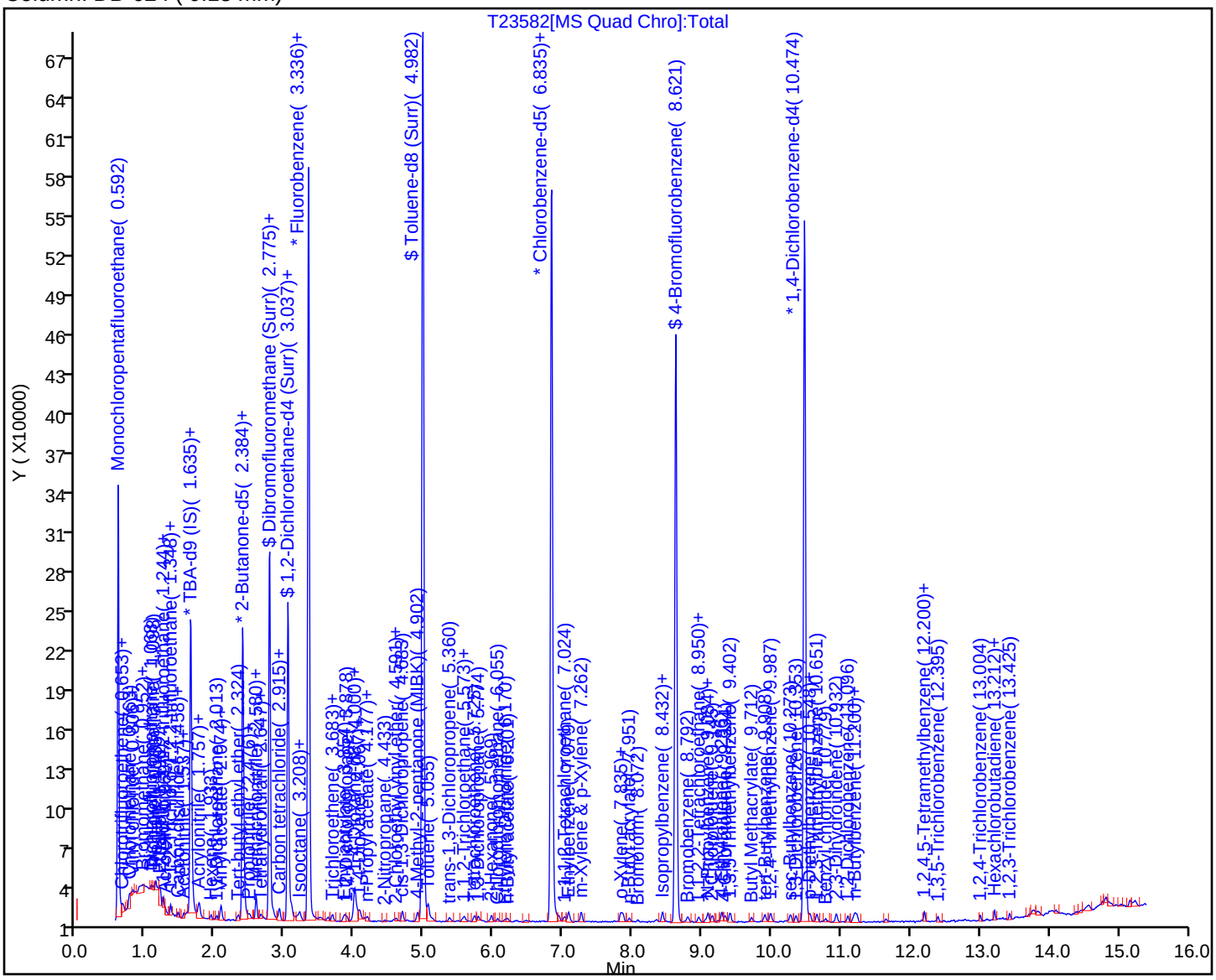
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

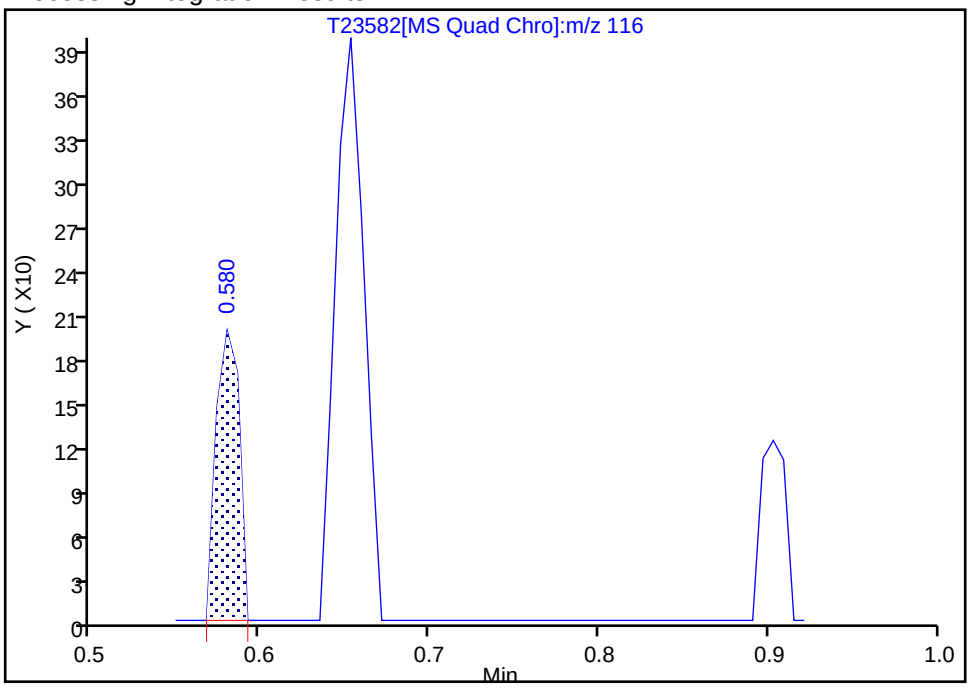
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

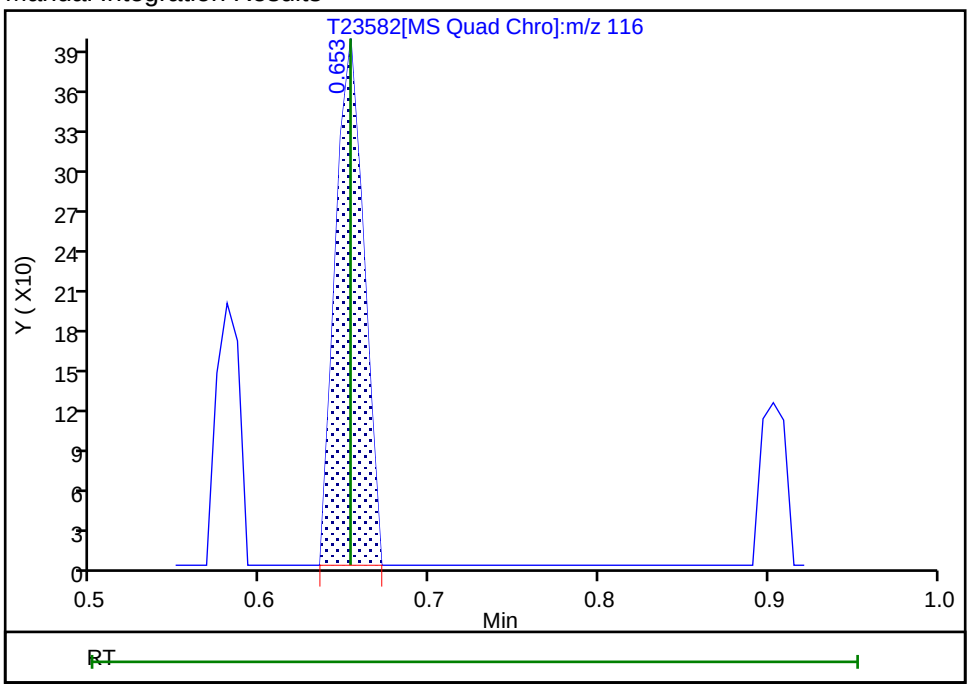
Processing Integration Results

RT: 0.58
Area: 185
Amount: 0.129517
Amount Units: ug/l



Manual Integration Results

RT: 0.65
Area: 460
Amount: 0.322026
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:03:57
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

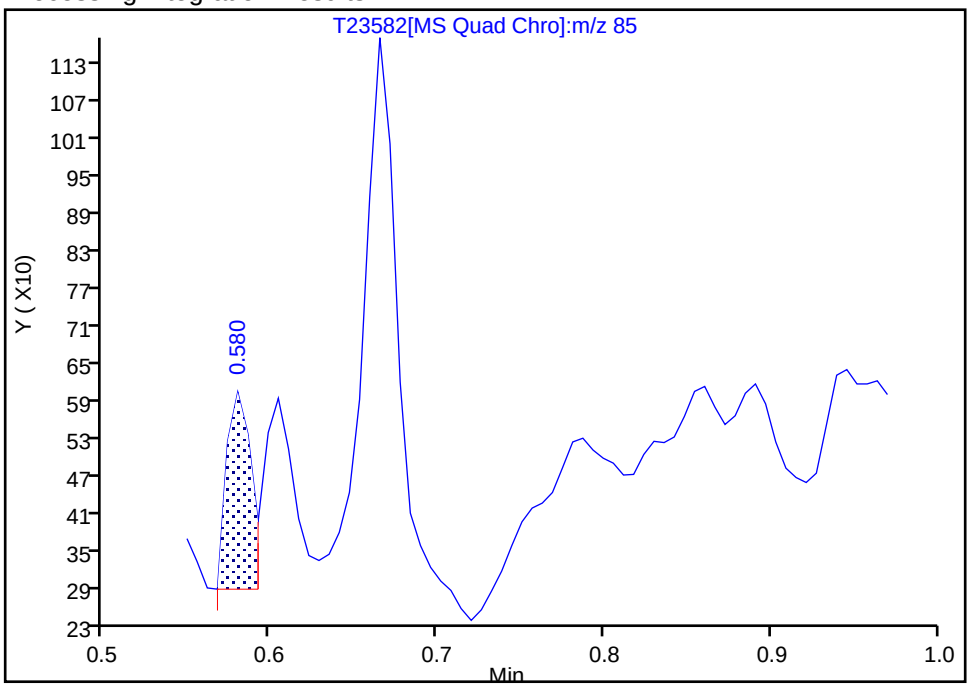
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

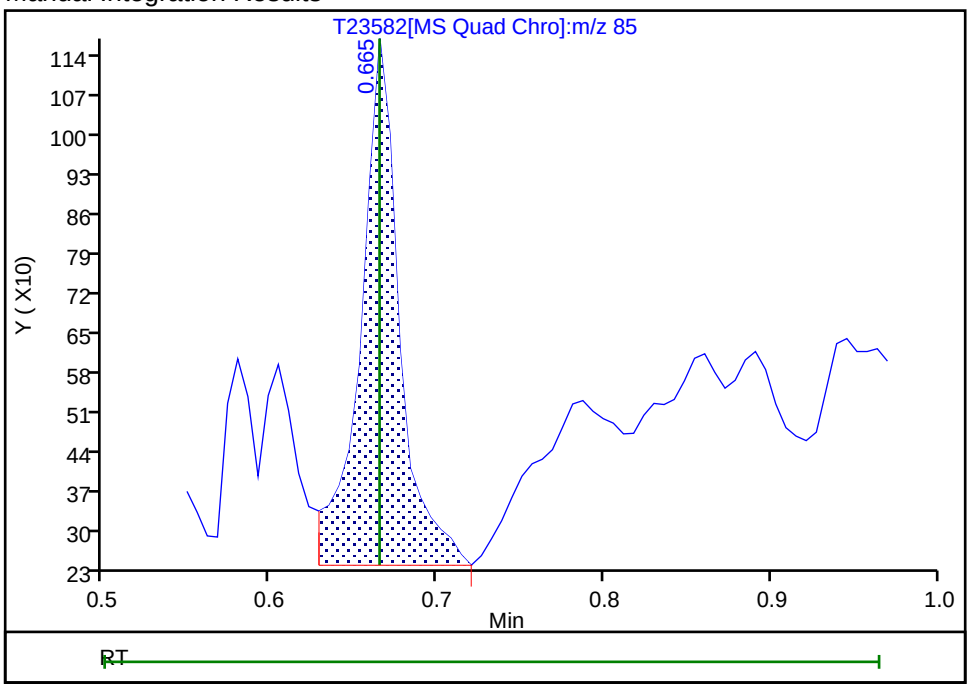
Processing Integration Results

RT: 0.58
Area: 333
Amount: 0.066841
Amount Units: ug/l



Manual Integration Results

RT: 0.67
Area: 1524
Amount: 0.458689
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:04:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

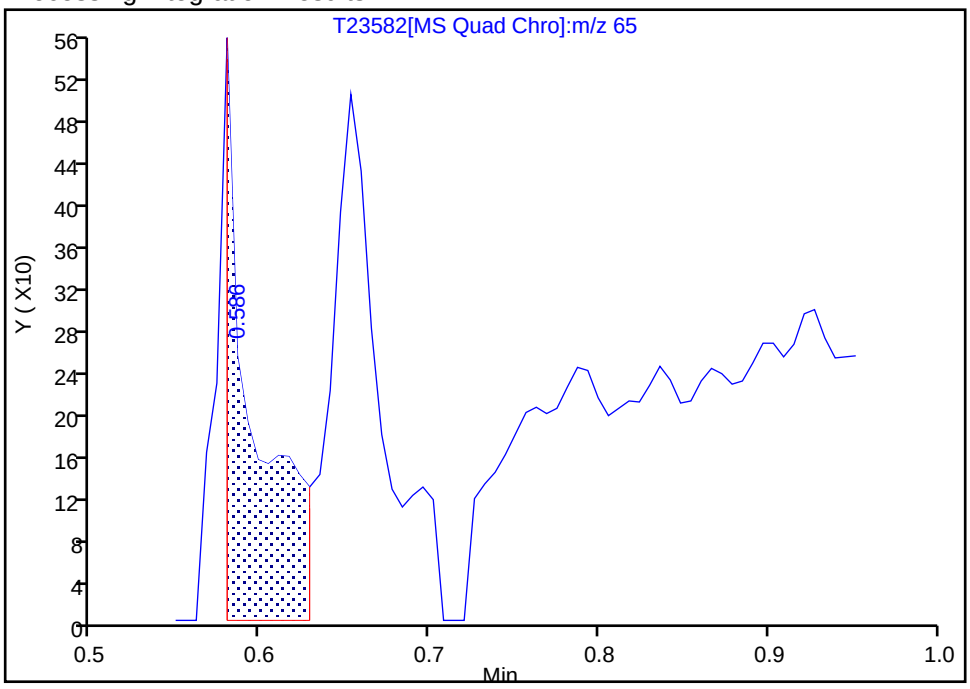
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

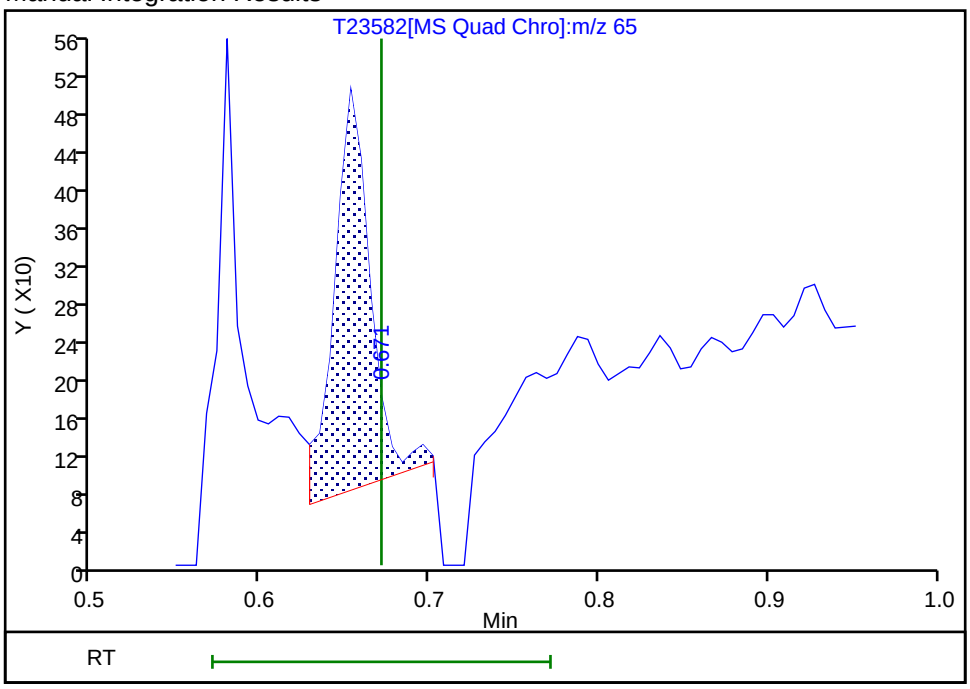
Processing Integration Results

RT: 0.59
Area: 546
Amount: 0.107484
Amount Units: ug/l



Manual Integration Results

RT: 0.67
Area: 1945
Amount: 0.388243
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:04:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

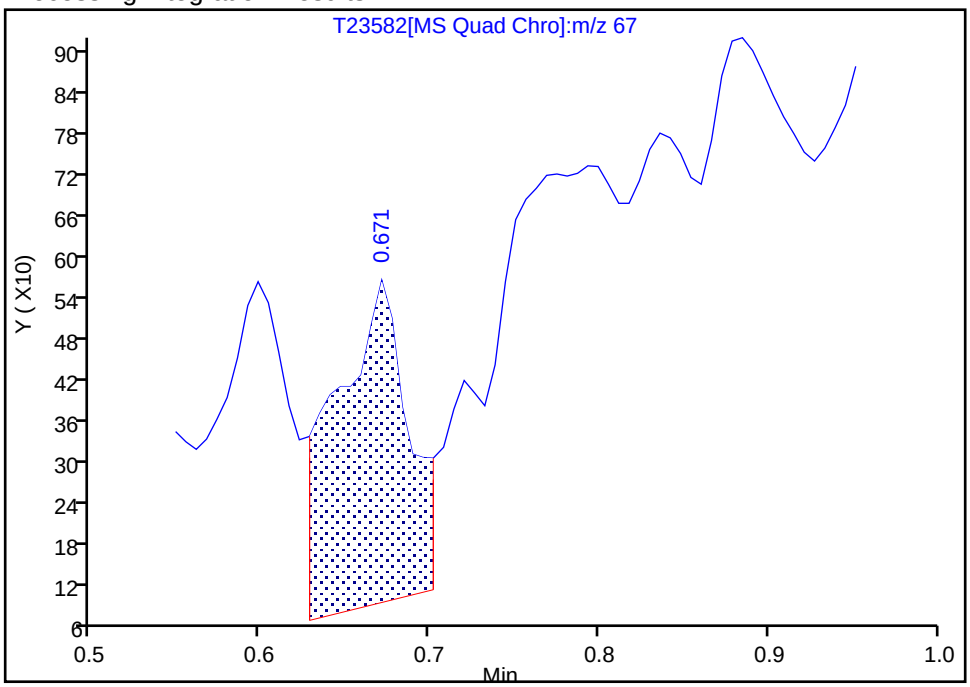
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

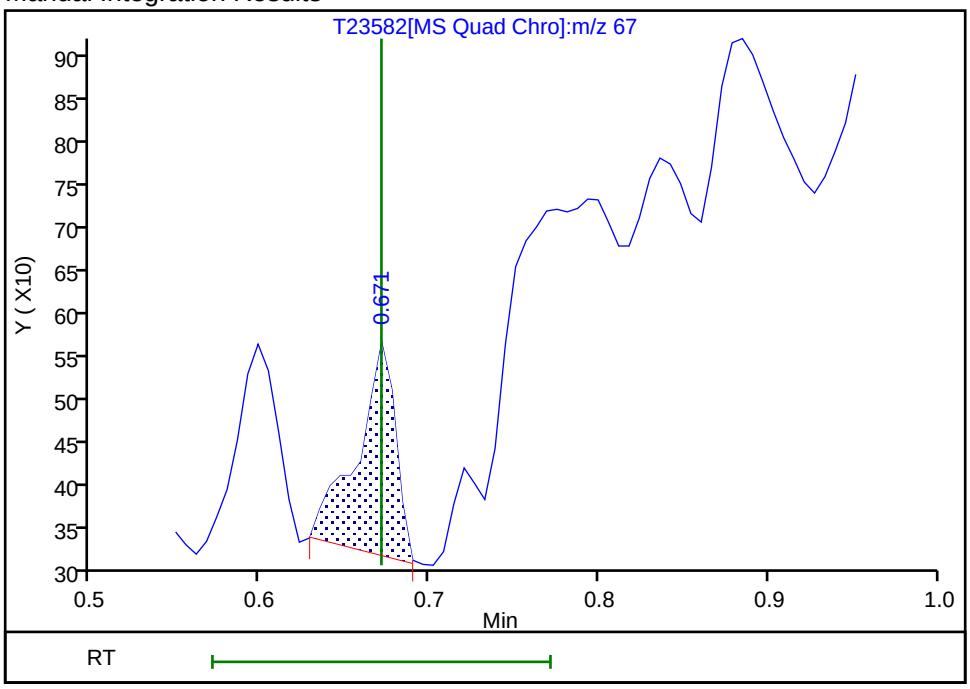
Processing Integration Results

RT: 0.67
Area: 1945
Amount: 0.389440
Amount Units: ug/l



Manual Integration Results

RT: 0.67
Area: 393
Amount: 0.078689
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:43:17
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

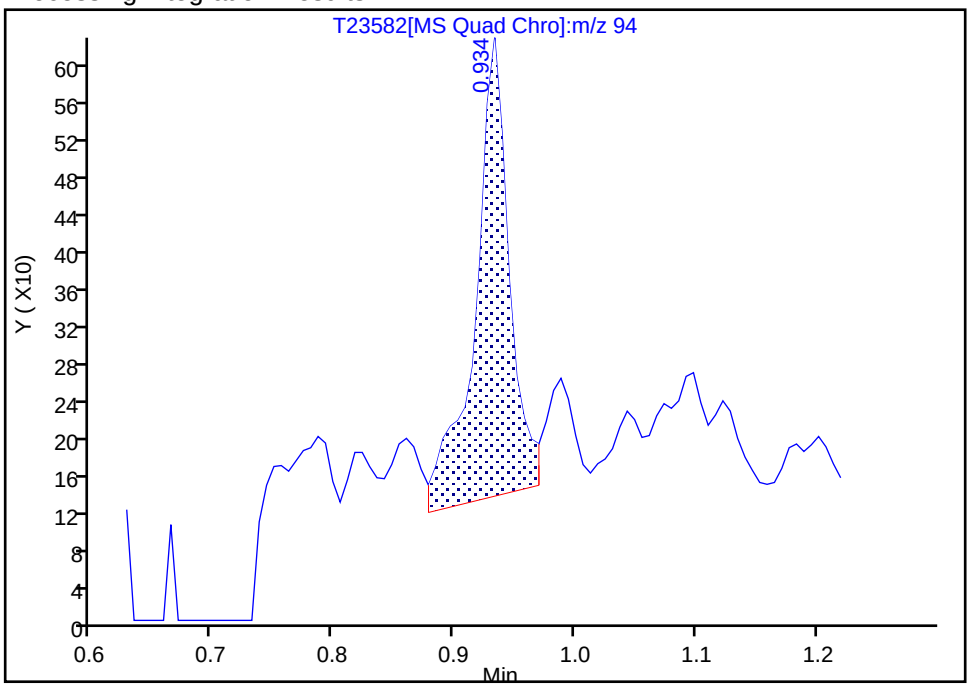
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

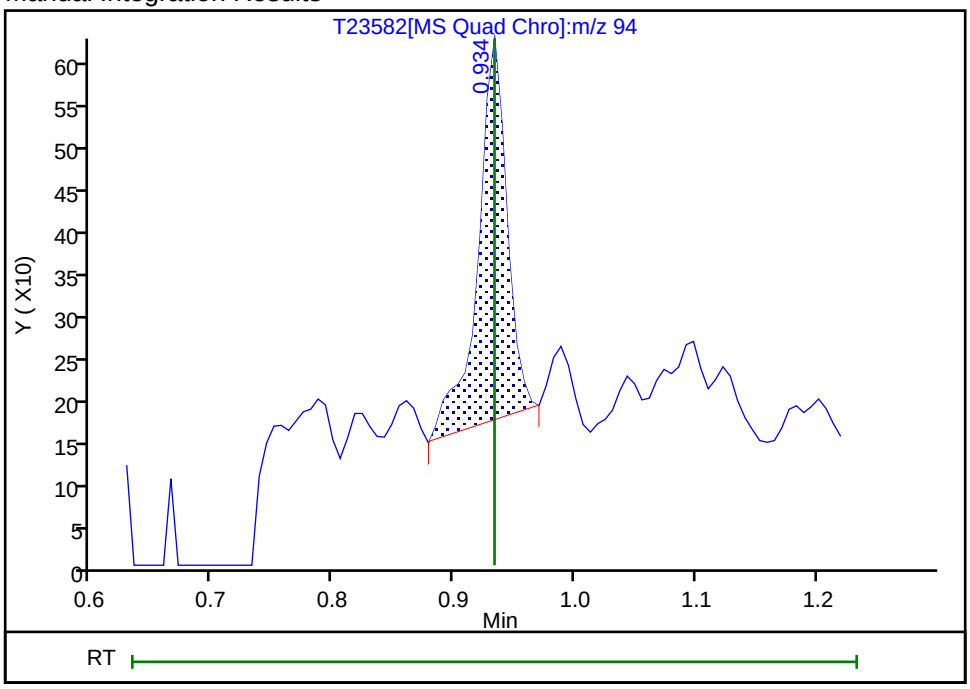
Processing Integration Results

RT: 0.93
Area: 966
Amount: 0.441889
Amount Units: ug/l



Manual Integration Results

RT: 0.93
Area: 744
Amount: 0.459462
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:14:34
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

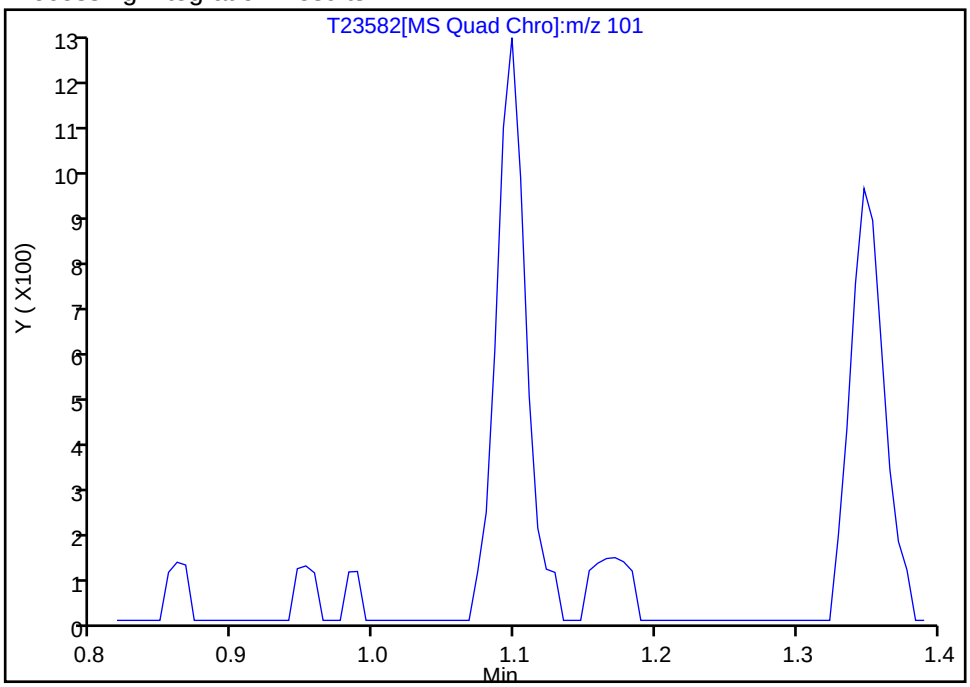
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

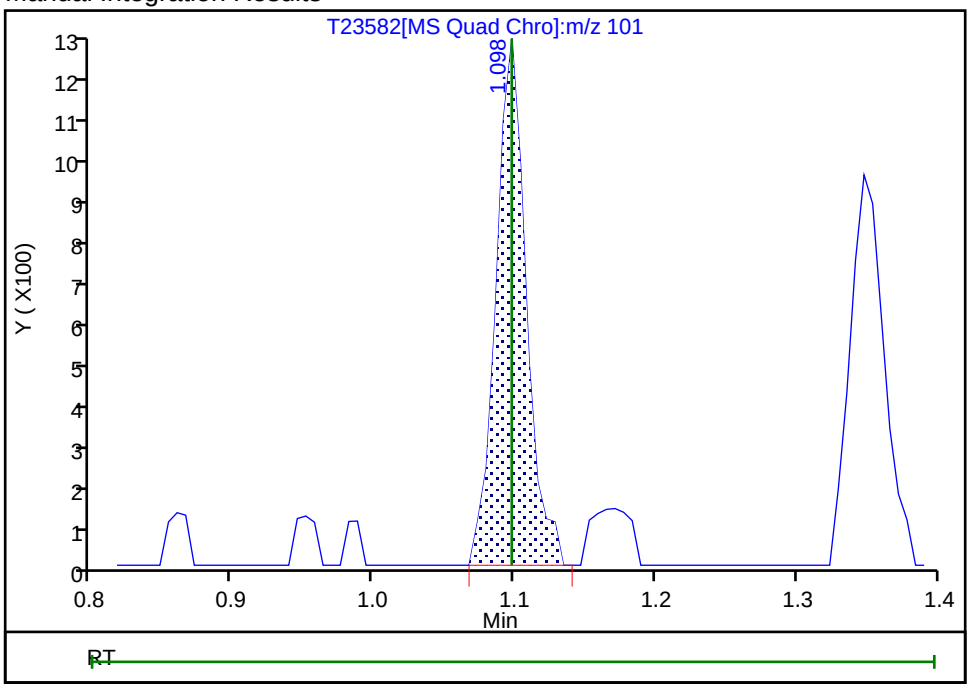
Not Detected
Expected RT: 1.10

Processing Integration Results



Manual Integration Results

RT: 1.10
Area: 1873
Amount: 0.371393
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:03:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

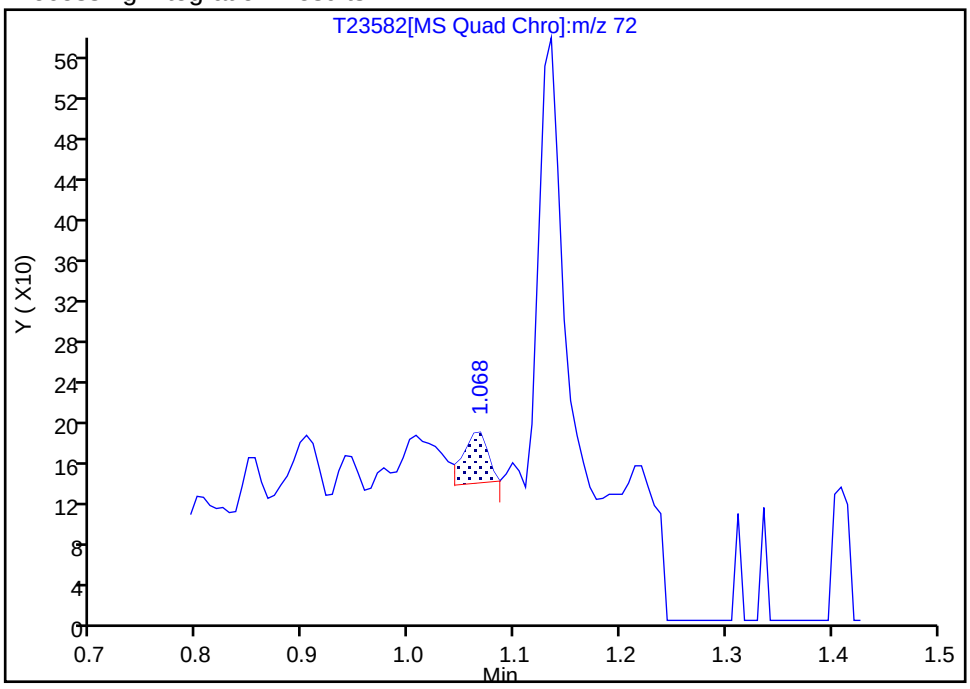
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Signal: 1

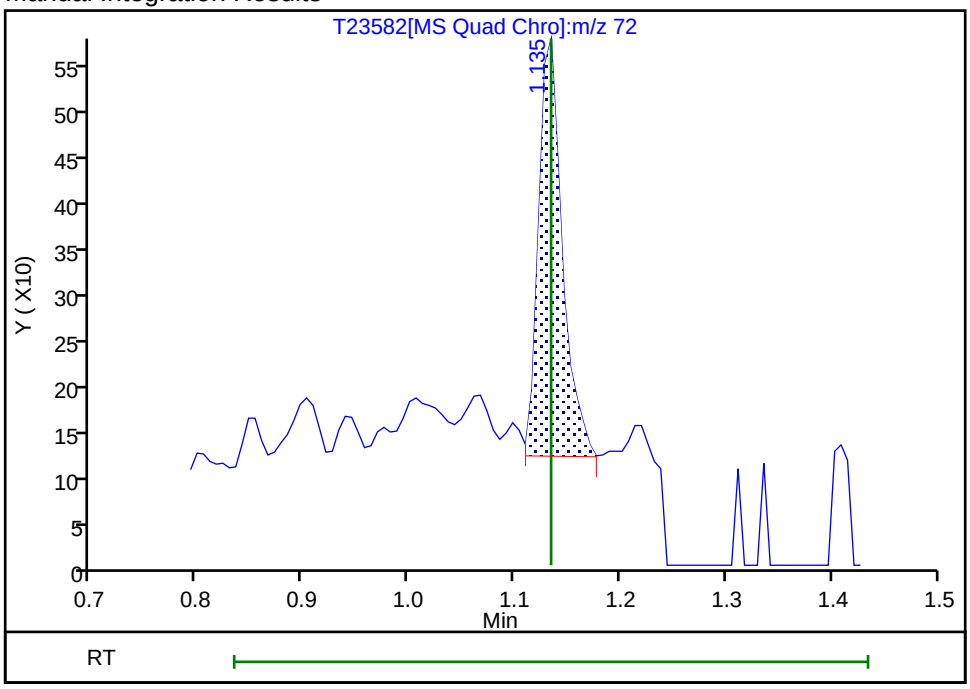
Processing Integration Results

RT: 1.07
Area: 82
Amount: 0.136082
Amount Units: ug/l



Manual Integration Results

RT: 1.13
Area: 707
Amount: 1.192006
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:04:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

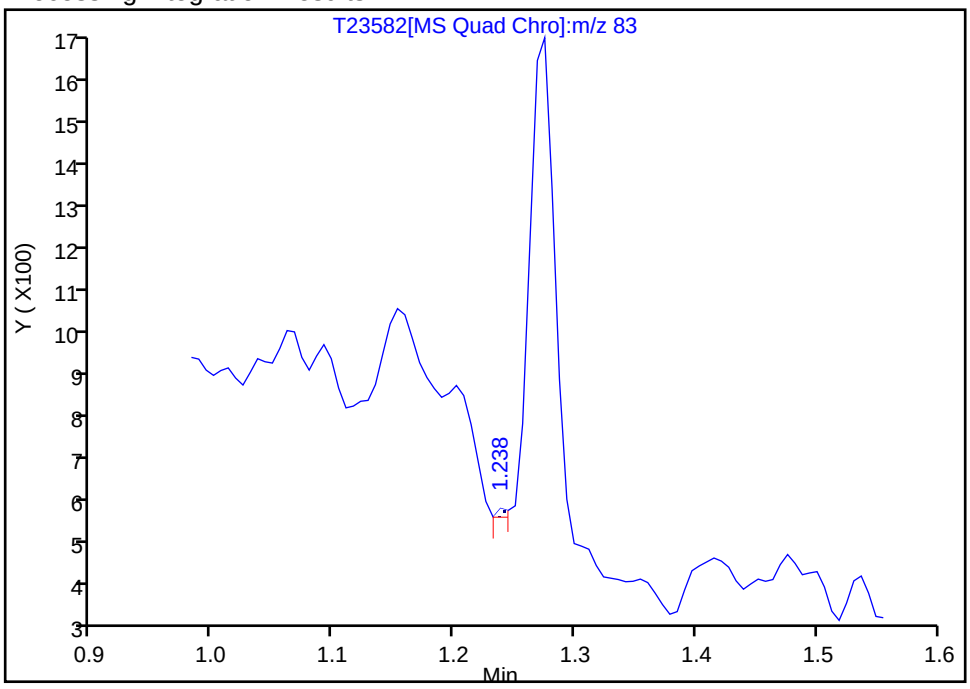
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

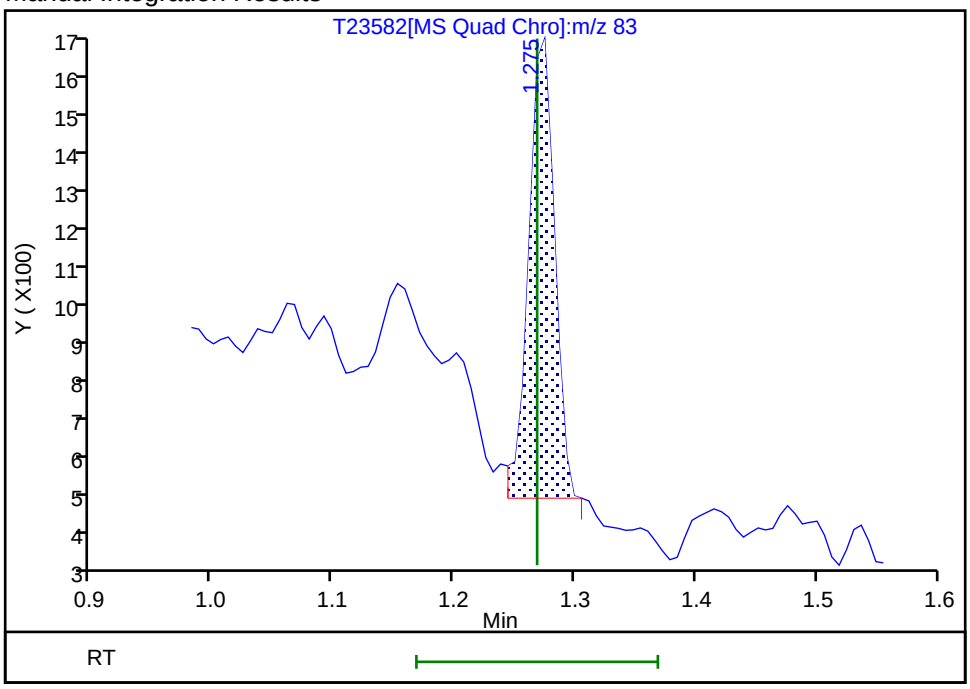
Processing Integration Results

RT: 1.24
Area: 13
Amount: 0.002675
Amount Units: ug/l



Manual Integration Results

RT: 1.27
Area: 1725
Amount: 0.391784
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:04:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

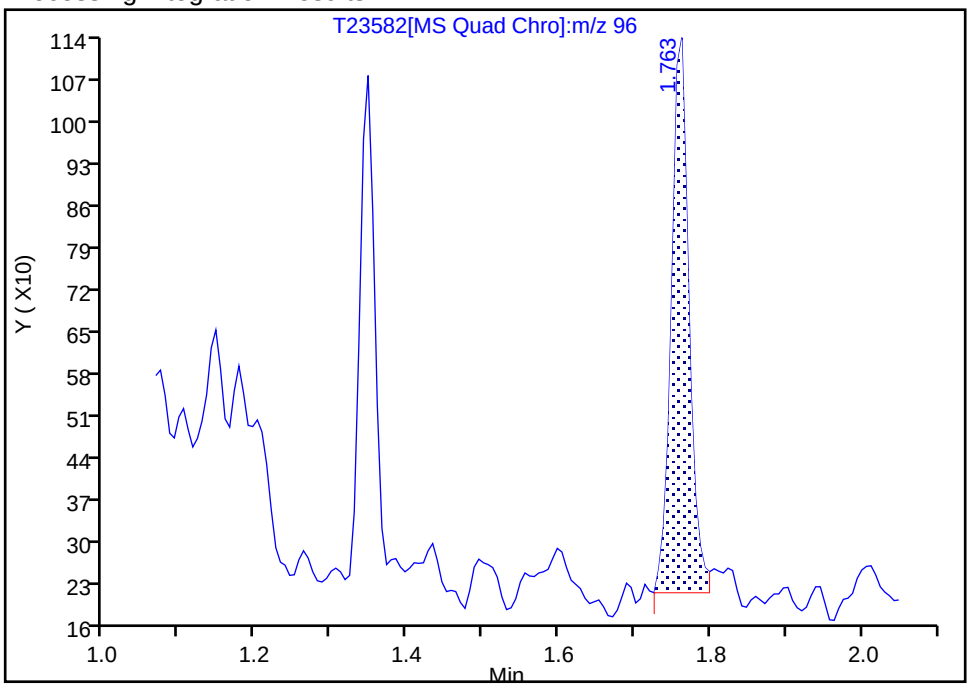
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

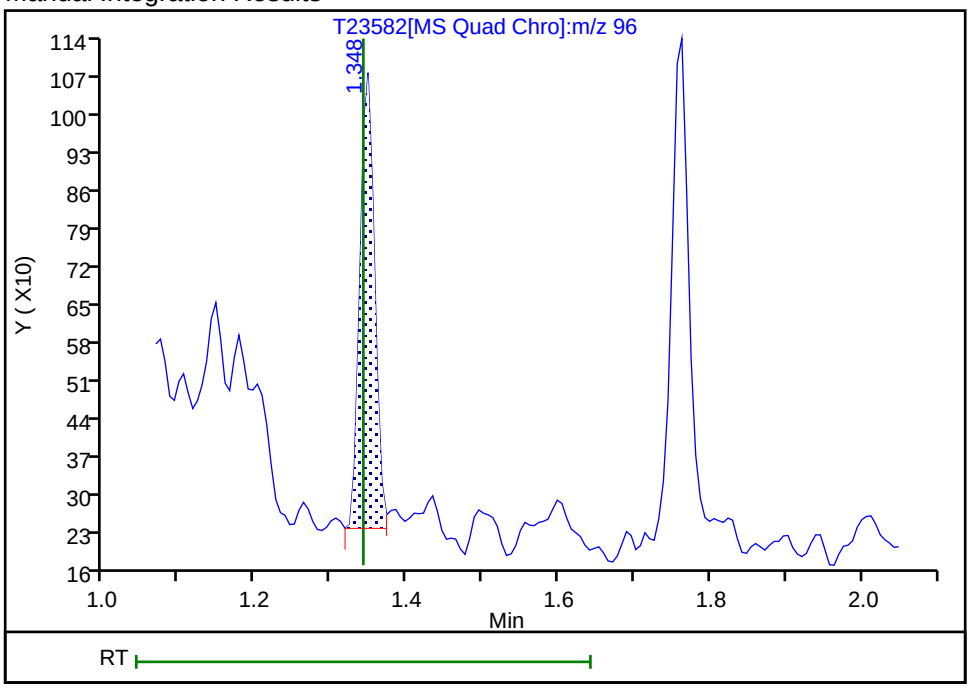
Processing Integration Results

RT: 1.76
Area: 1491
Amount: 0.504001
Amount Units: ug/l



Manual Integration Results

RT: 1.35
Area: 1135
Amount: 0.397324
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:43:32
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

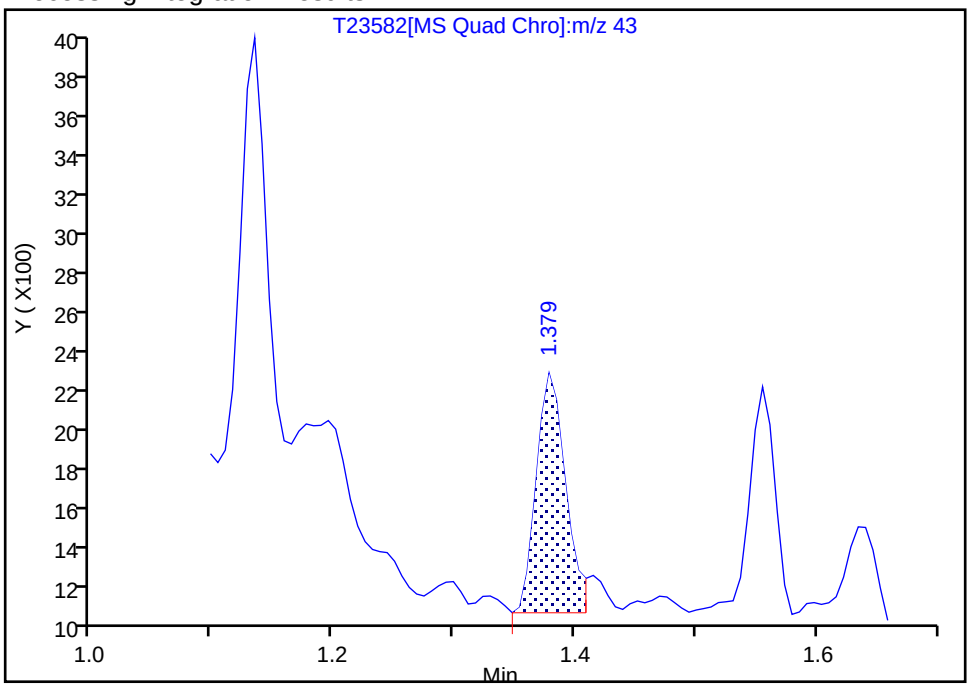
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Signal: 1

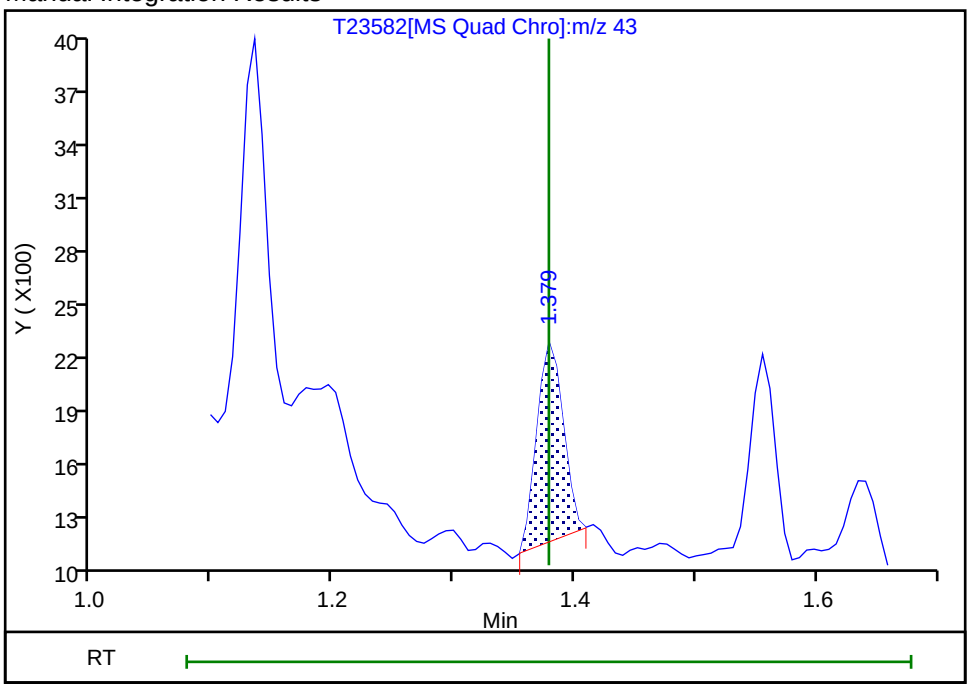
Processing Integration Results

RT: 1.38
Area: 2030
Amount: 3.321731
Amount Units: ug/l



Manual Integration Results

RT: 1.38
Area: 1668
Amount: 2.825005
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:13:05
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

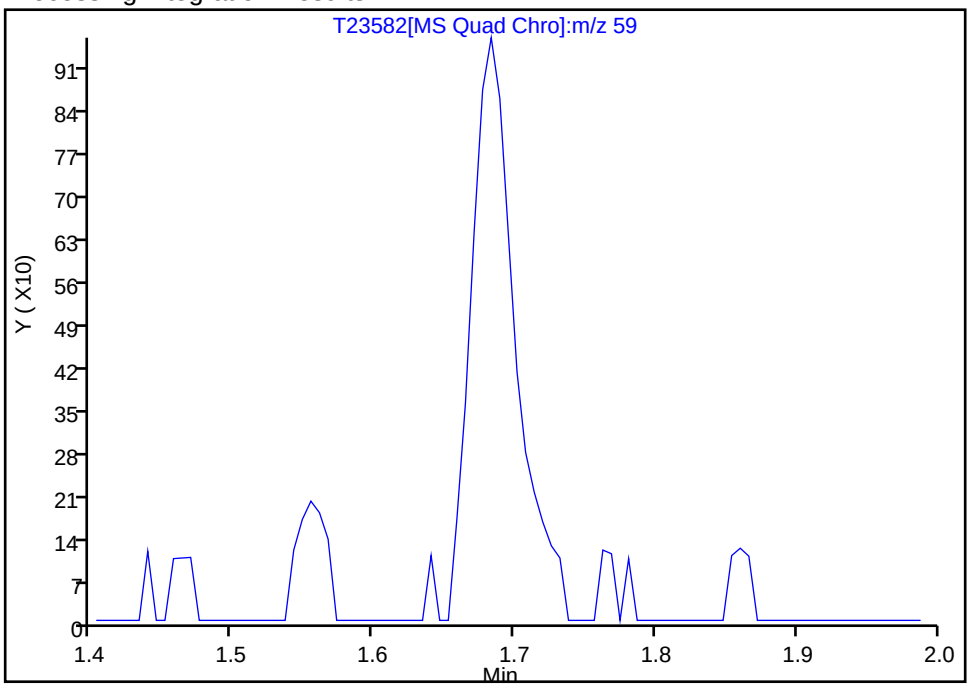
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

40 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

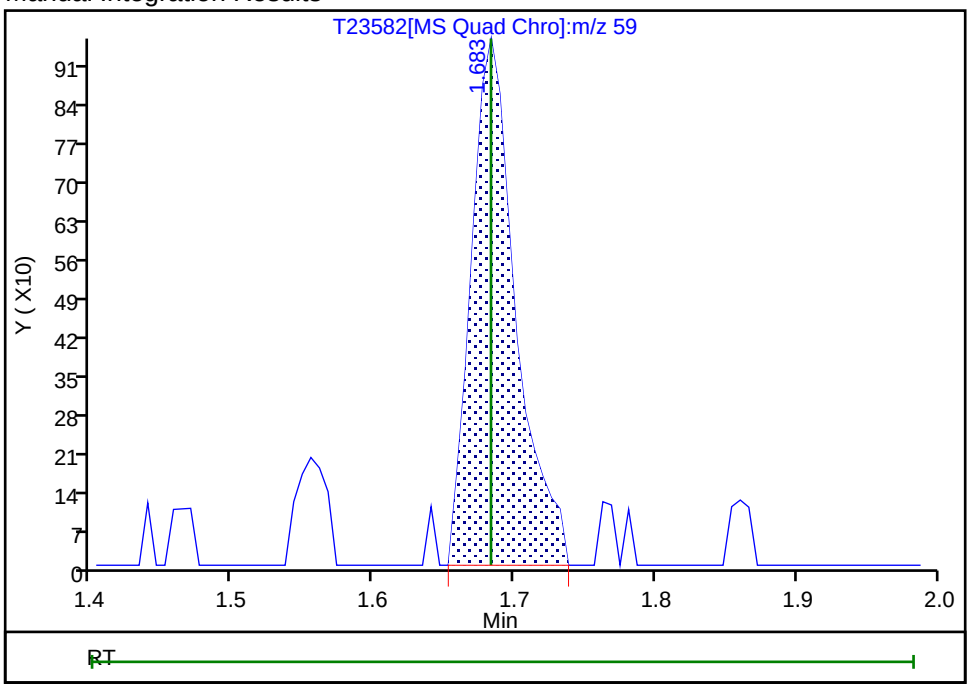
Not Detected
Expected RT: 1.68

Processing Integration Results



Manual Integration Results

RT: 1.68
Area: 2099
Amount: 5.060246
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:43:52
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

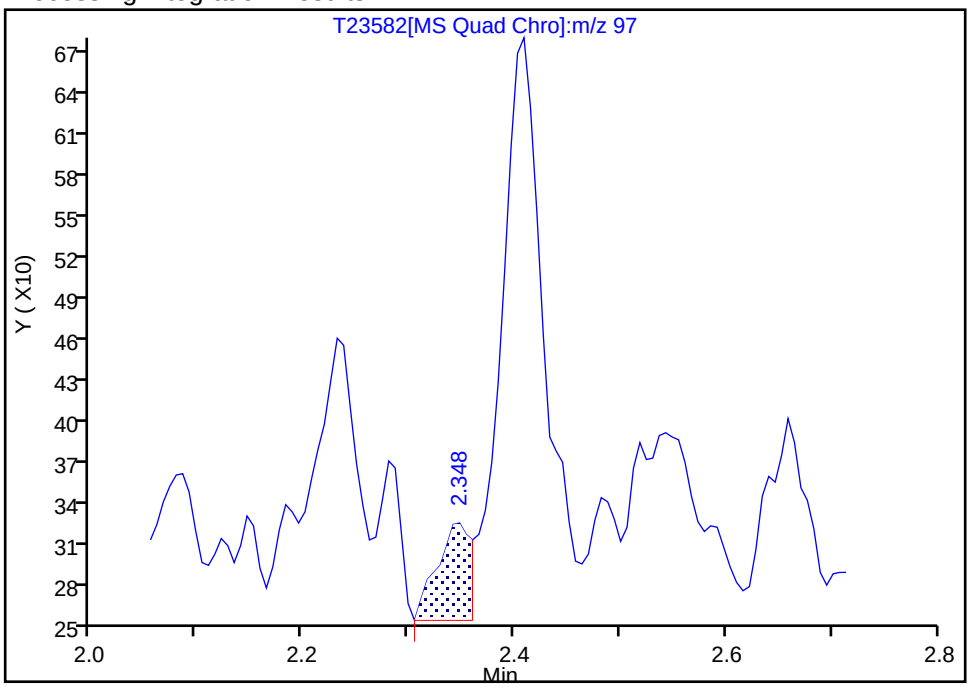
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

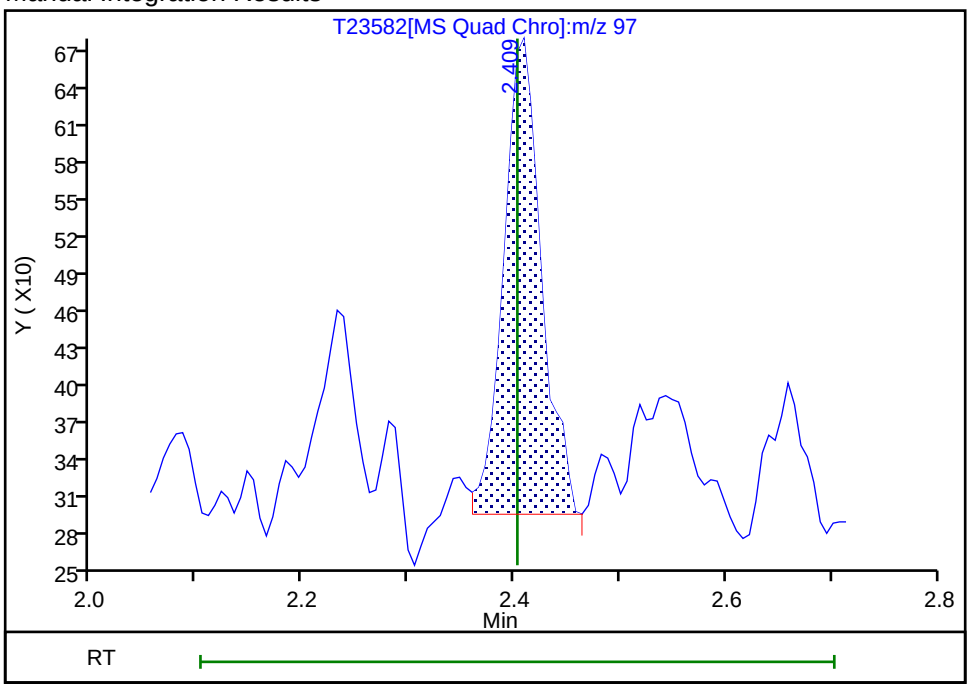
Processing Integration Results

RT: 2.35
Area: 155
Amount: 0.122825
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 924
Amount: 0.732258
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:02:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

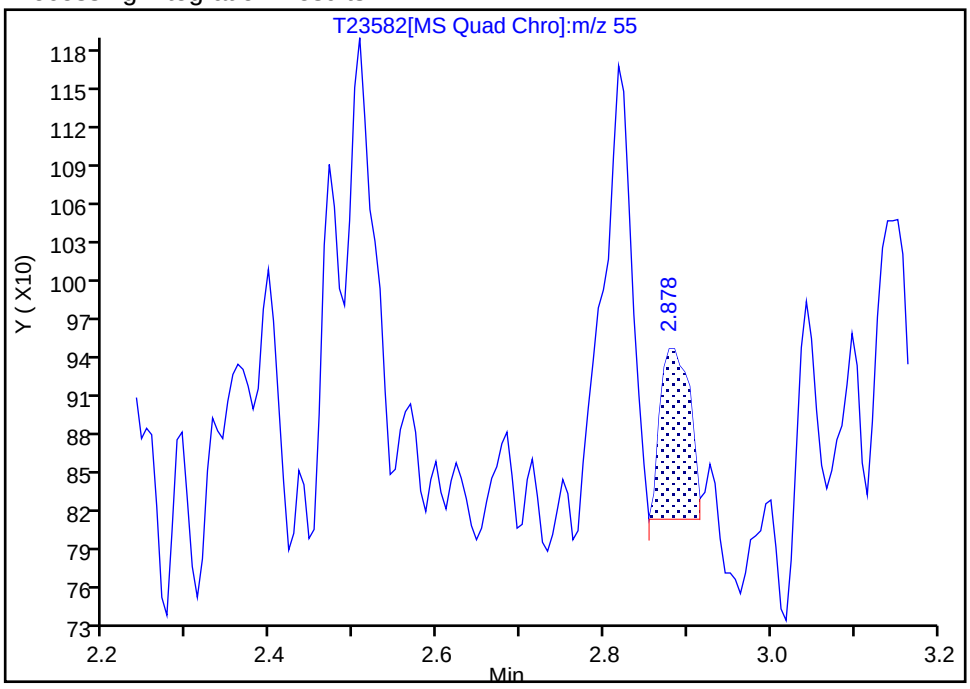
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

55 Methyl acrylate, CAS: 96-33-3

Signal: 1

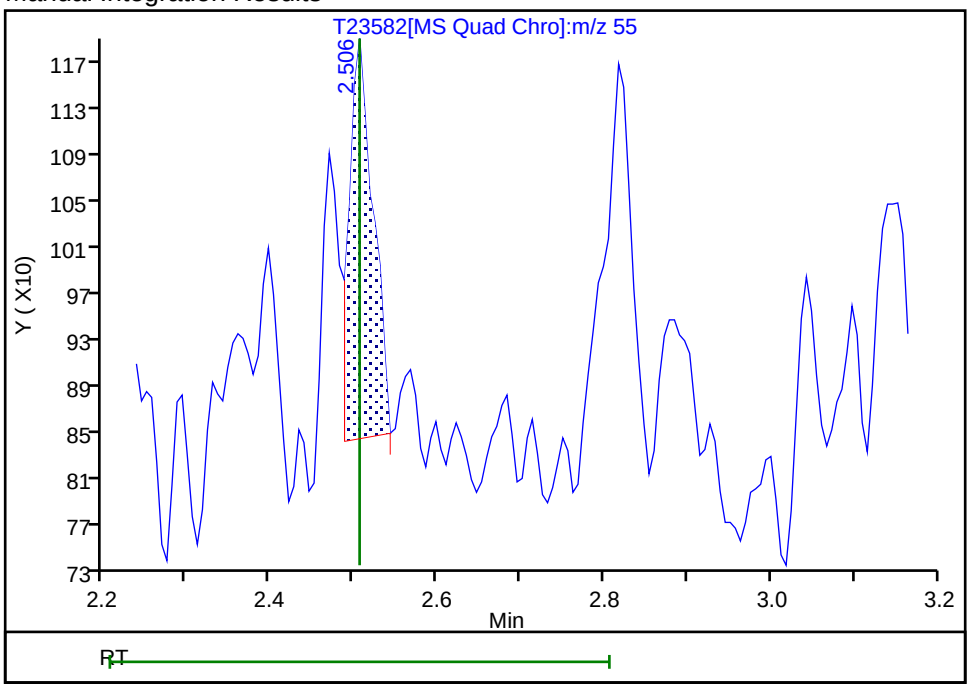
Processing Integration Results

RT: 2.88
Area: 329
Amount: 0.186372
Amount Units: ug/l



Manual Integration Results

RT: 2.51
Area: 689
Amount: 0.270855
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:44:05
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

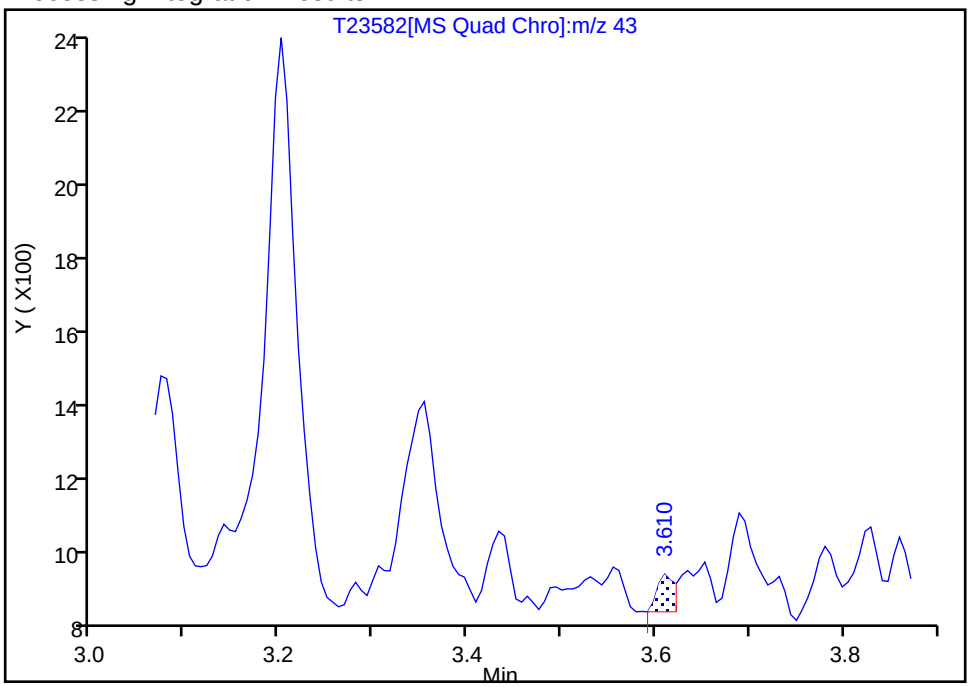
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Signal: 1

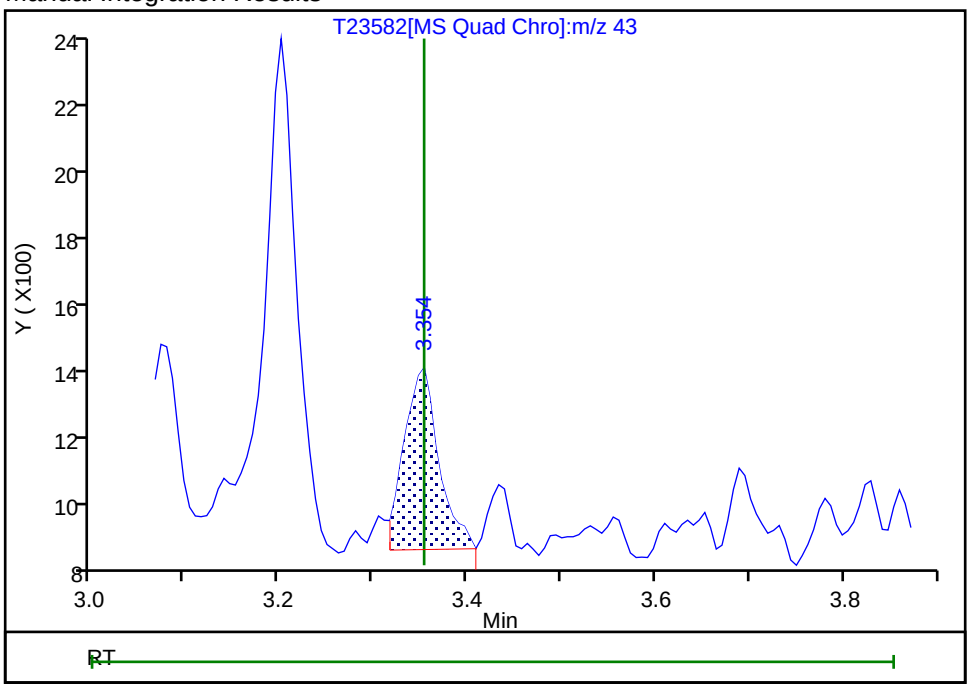
Processing Integration Results

RT: 3.61
Area: 128
Amount: 0.409787
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 1324
Amount: 0.525883
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:02:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

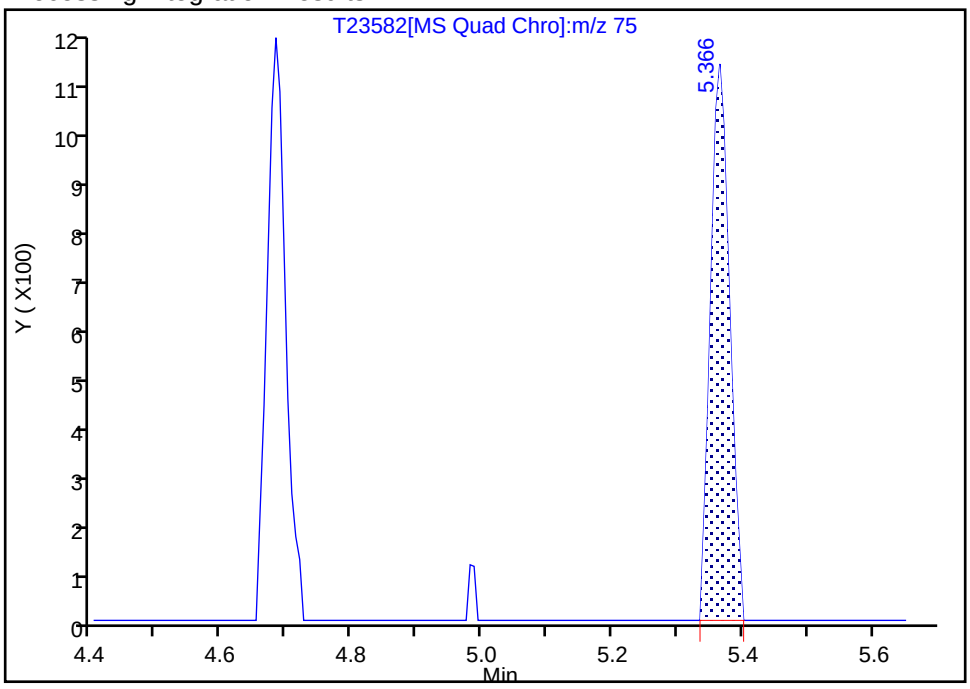
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

85 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

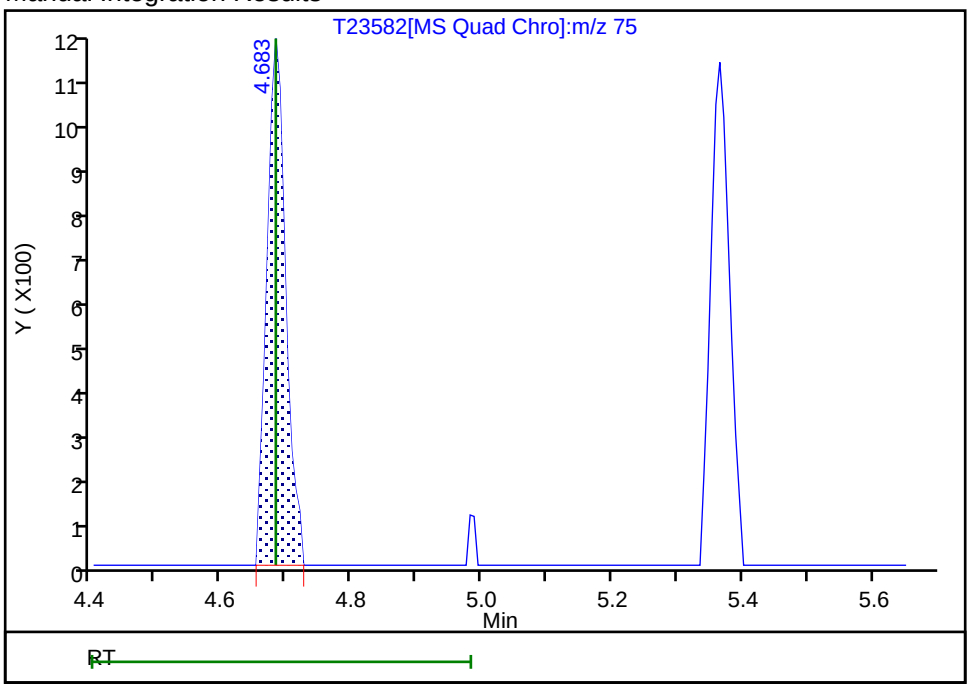
Processing Integration Results

RT: 5.37
Area: 2157
Amount: 0.436194
Amount Units: ug/l



Manual Integration Results

RT: 4.68
Area: 2220
Amount: 0.447305
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:37:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

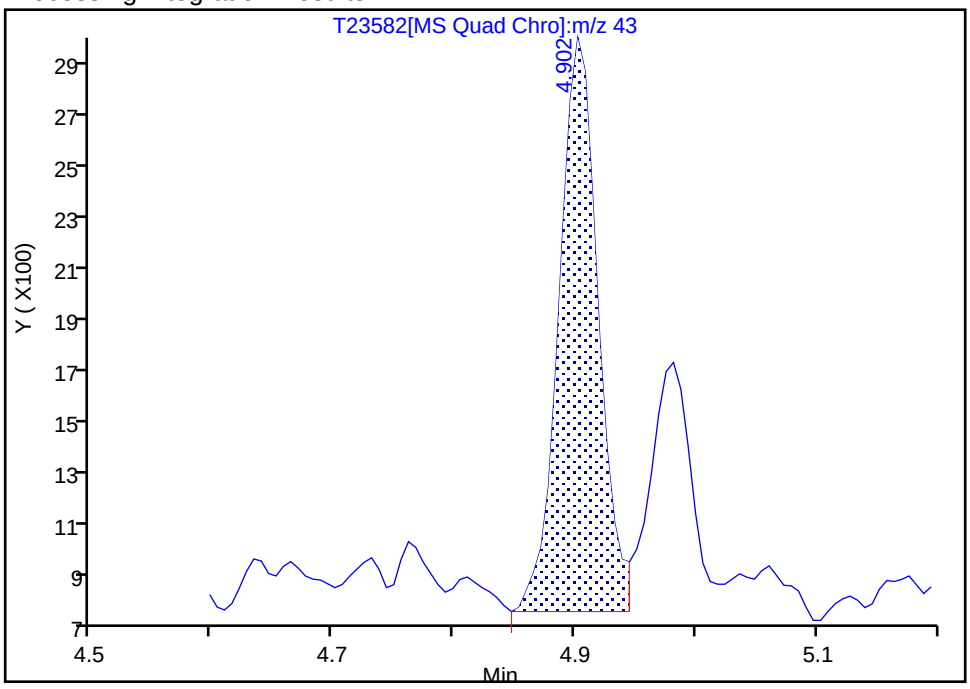
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

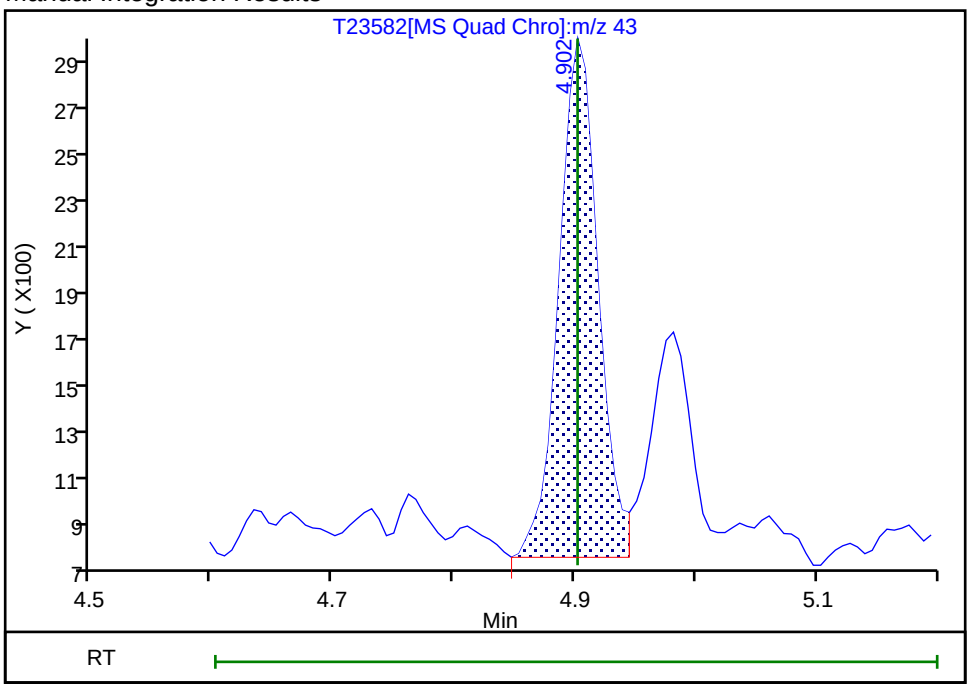
Processing Integration Results

RT: 4.90
Area: 4884
Amount: 2.413837
Amount Units: ug/l



Manual Integration Results

RT: 4.90
Area: 4884
Amount: 2.413837
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:03:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

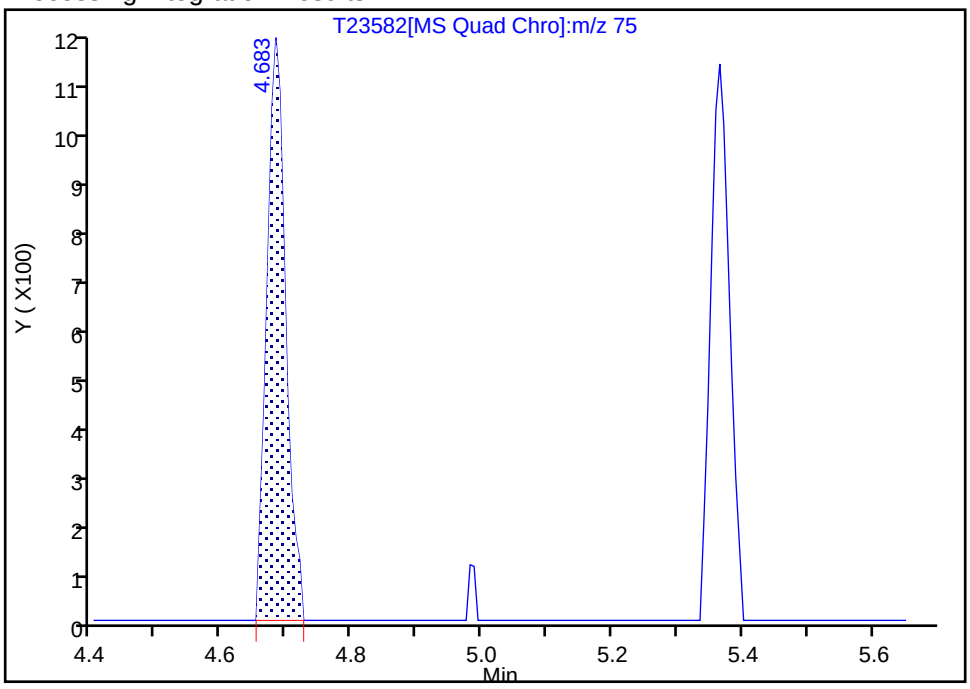
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

81 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

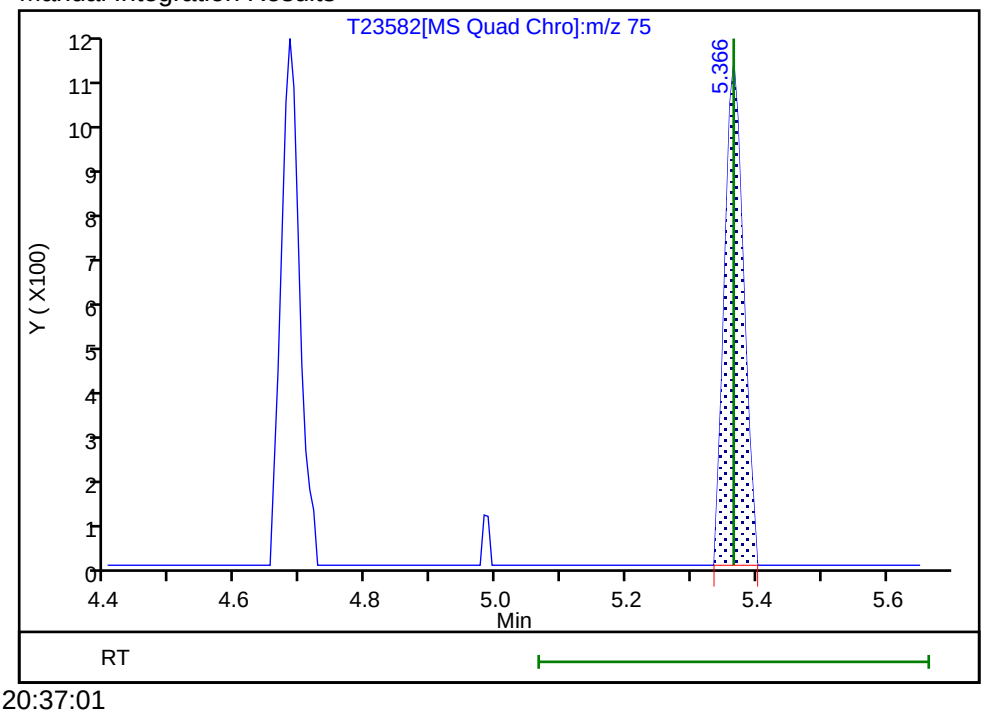
Processing Integration Results

RT: 4.68
Area: 2220
Amount: 0.475843
Amount Units: ug/l



Manual Integration Results

RT: 5.37
Area: 2157
Amount: 0.464130
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:37:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

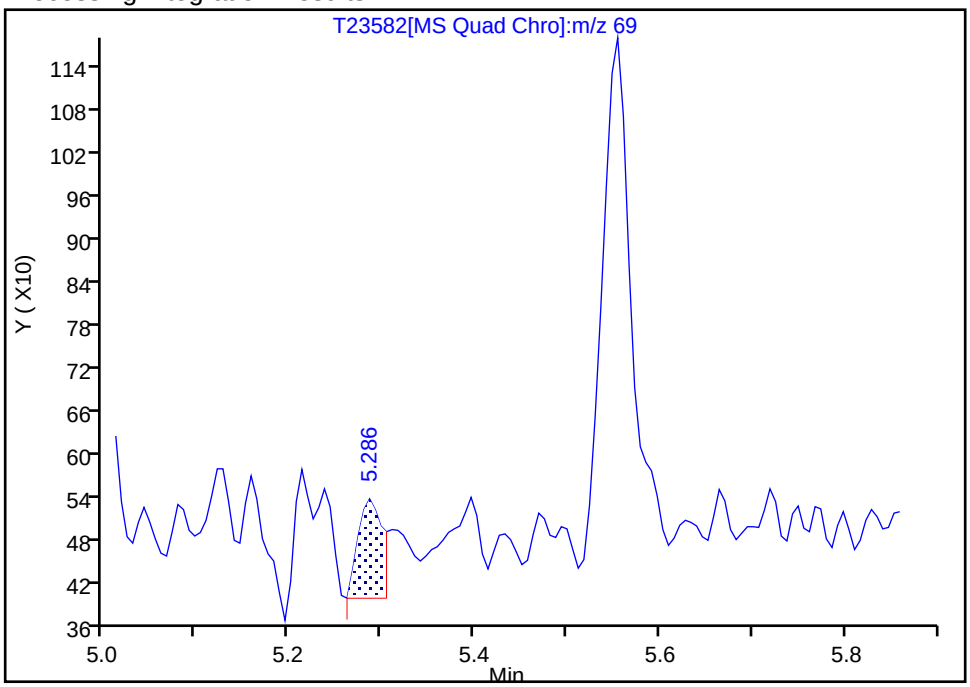
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

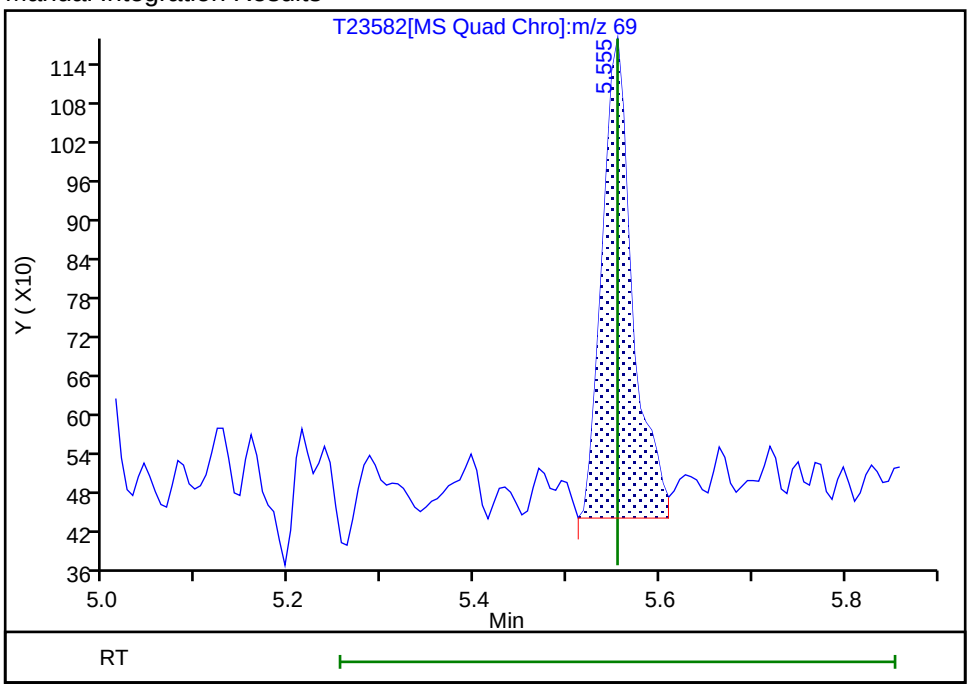
Processing Integration Results

RT: 5.29
Area: 259
Amount: 0.064923
Amount Units: ug/l



Manual Integration Results

RT: 5.55
Area: 1682
Amount: 0.459812
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:03:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

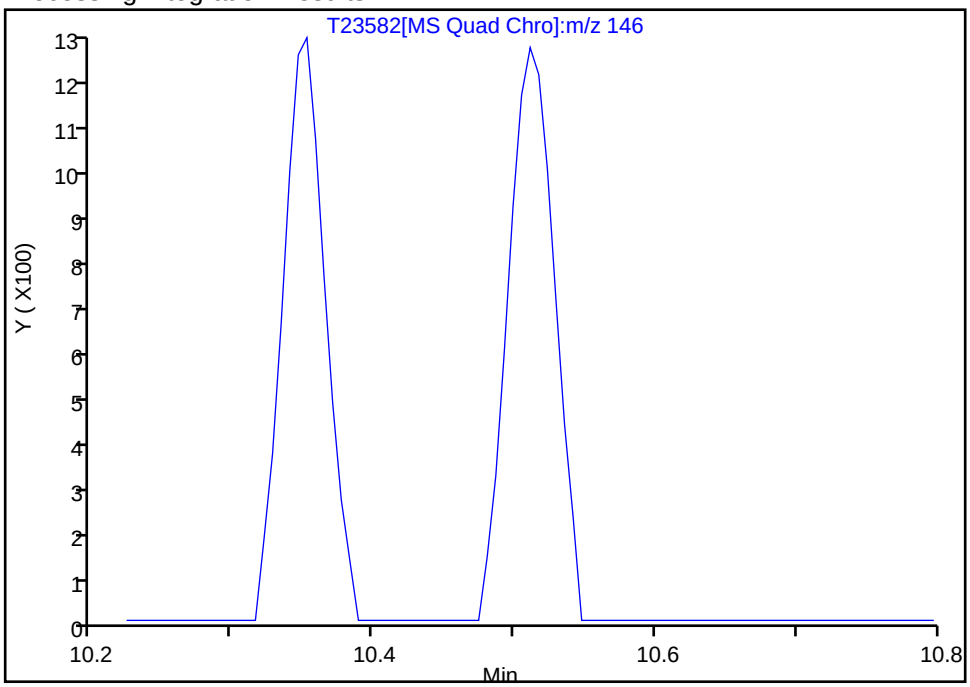
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

121 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

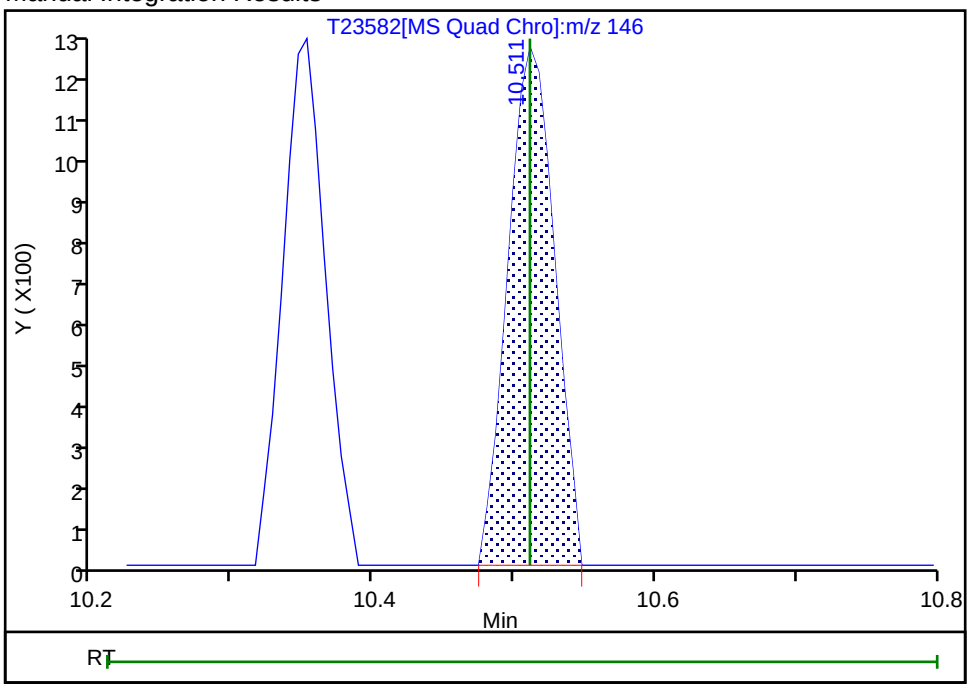
Not Detected
Expected RT: 10.51

Processing Integration Results



Manual Integration Results

RT: 10.51
Area: 2786
Amount: 0.490920
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:03:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

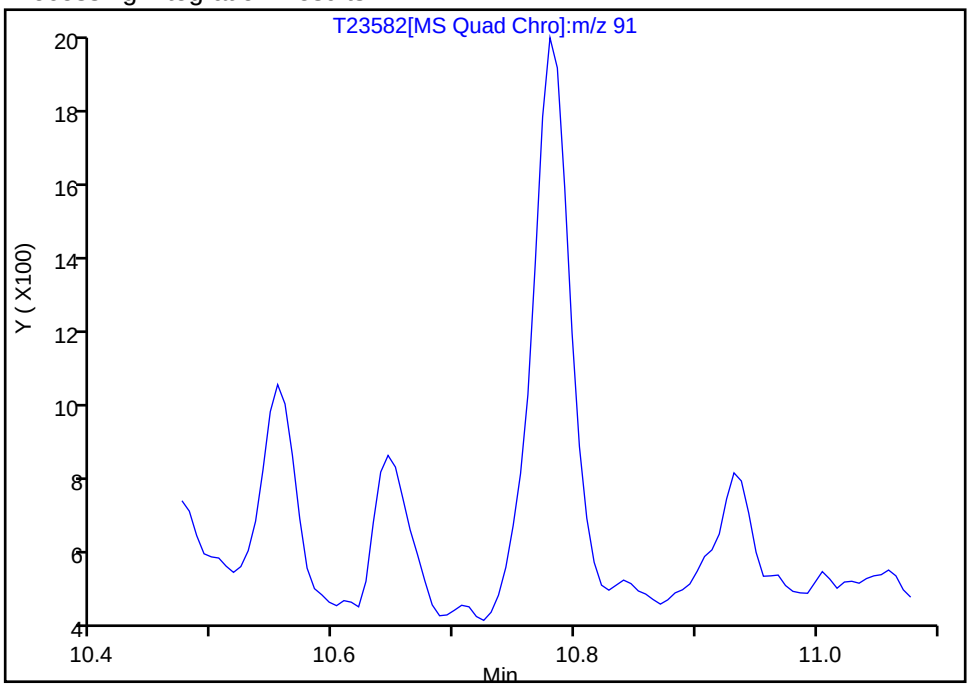
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D
Injection Date: 03-Oct-2019 23:06:47 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 Benzyl chloride, CAS: 100-44-7

Signal: 1

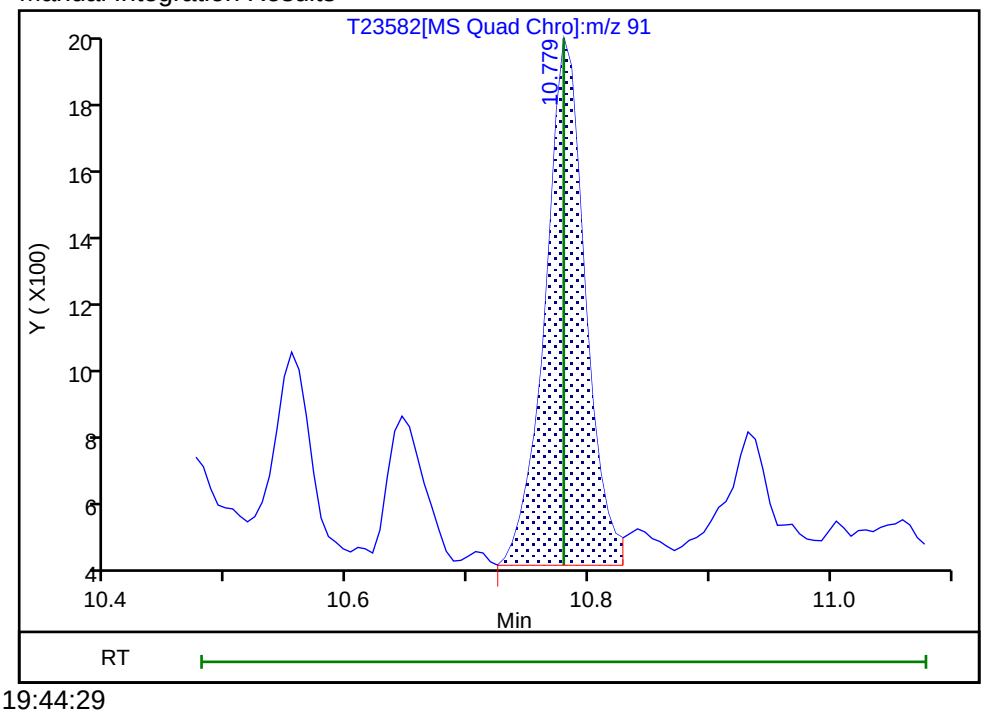
Not Detected
Expected RT: 10.78

Processing Integration Results



Manual Integration Results

RT: 10.78
Area: 3467
Amount: 0.526010
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:44:29
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

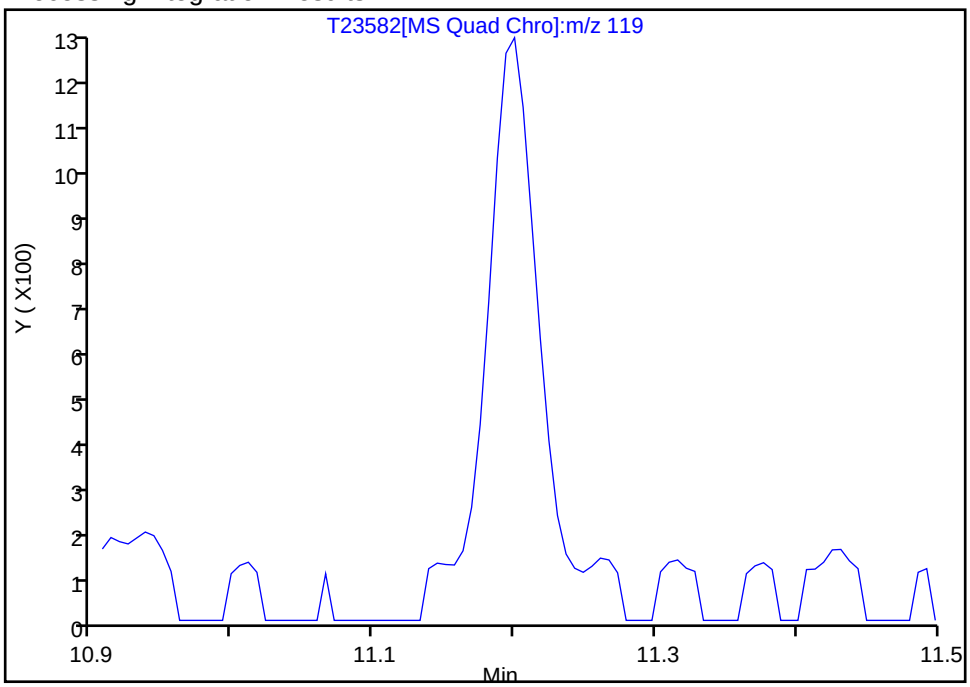
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23582.D				
Injection Date:	03-Oct-2019 23:06:47	Instrument ID:	CVOAMS15		
Lims ID:	STD05				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

126 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

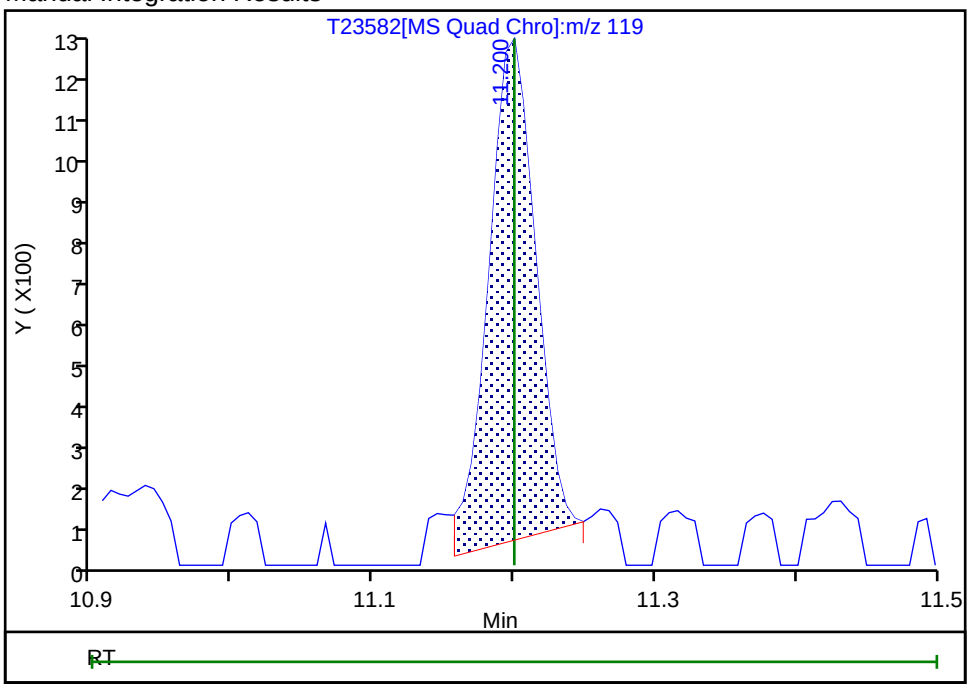
Not Detected
Expected RT: 11.20

Processing Integration Results



Manual Integration Results

RT: 11.20
Area: 2833
Amount: 0.514852
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:03:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 03-Oct-2019 23:30:56 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0098692-005
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Oct-2019 20:38:02 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0312

First Level Reviewer: desais Date: 04-Oct-2019 06:44:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.604	0.598	0.006	12	289	1.00	0.9234	
2 Chlorotrifluoroethene	116	0.653	0.653	0.000	33	908	1.00	0.6383	
3 Dichlorodifluoromethane	85	0.665	0.665	0.000	57	3404	1.00	1.03	
4 1,1-Difluoroethane	65	0.671	0.671	0.000	21	4143	1.00	0.8304	a
5 Chlorodifluoromethane	67	0.671	0.671	0.000	46	442	1.00	0.0889	M
6 Chloromethane	50	0.744	0.744	0.000	35	2892	1.00	1.06	
7 Vinyl chloride	62	0.787	0.787	0.000	55	3080	1.00	0.9463	
8 Butadiene	54	0.805	0.805	0.000	65	2798	1.00	0.9878	
9 Bromomethane	94	0.933	0.933	0.000	44	1582	1.00	0.9818	
10 Chloroethane	64	0.976	0.976	0.000	48	2151	1.00	1.07	
11 Dichlorofluoromethane	67	1.068	1.067	0.001	87	5138	1.00	1.00	
12 Trichlorofluoromethane	101	1.098	1.098	0.000	93	5236	1.00	1.04	
13 Pentane	72	1.135	1.135	0.000	87	1218	2.00	2.06	M
14 Ethanol	45	1.196	1.196	0.000	24	554	40.0	51.9	a
15 1,2-Dichloro-1,1,2-trifluo	117	1.238	1.238	0.000	78	3517	1.00	1.19	
16 Ethyl ether	59	1.238	1.238	0.000	46	2289	1.00	1.02	
17 2-Methyl-1,3-butadiene	53	1.244	1.244	0.000	83	2777	1.00	1.17	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.269	1.269	0.000	80	4372	1.00	1.00	a
19 Acrolein	56	1.299	1.299	0.000	63	1097	4.00	5.46	
20 1,1-Dichloroethene	96	1.348	1.342	0.006	82	3095	1.00	1.09	
21 1,1,2-Trichloro-1,2,2-trif	101	1.348	1.348	0.000	69	3224	1.00	0.99	
22 Acetone	43	1.378	1.378	0.000	78	3554	5.00	6.05	M
23 Iodomethane	142	1.421	1.421	0.000	91	3267	1.00	0.8157	a
24 Carbon disulfide	76	1.452	1.452	0.000	96	9292	1.00	1.04	
25 Isopropyl alcohol	45	1.464	1.464	0.000	32	1219	10.0	9.79	
26 Acetonitrile	40	1.531	1.531	0.000	81	1250	10.0	9.64	
27 3-Chloro-1-propene	76	1.537	1.537	0.000	89	1923	1.00	1.06	
28 Methyl acetate	43	1.555	1.555	0.000	94	3728	2.00	2.33	
29 Cyclopentene	67	1.580	1.580	0.000	95	6905	1.00	1.02	
30 Methylene Chloride	84	1.604	1.604	0.000	76	3000	1.00	0.9806	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.635	1.634	0.001	99	44741	1000.0	1000.0	
40 2-Methyl-2-propanol	59	1.683	1.683	0.000	46	3334	10.0	9.68	a
32 Acrylonitrile	53	1.744	1.744	0.000	92	7705	10.0	9.22	
33 trans-1,2-Dichloroethene	96	1.763	1.756	0.007	69	3315	1.00	1.02	
34 Methyl tert-butyl ether	73	1.769	1.769	0.000	89	8094	1.00	0.9754	
35 Hexane	57	1.933	1.933	0.000	90	4099	1.00	1.15	
36 1,1-Dichloroethane	63	2.012	2.012	0.000	84	5357	1.00	1.07	
37 Vinyl acetate	86	2.061	2.061	0.000	96	1458	2.00	2.18	
38 2-Chloro-1,3-butadiene	88	2.073	2.073	0.000	67	3198	1.00	1.03	
39 Isopropyl ether	45	2.080	2.073	0.007	72	7391	1.00	0.99	
41 Tert-butyl ethyl ether	59	2.323	2.323	0.000	90	8389	1.00	1.00	a
* 42 2-Butanone-d5	46	2.384	2.384	0.000	97	248461	250.0	250.0	
43 2,2-Dichloropropane	97	2.403	2.403	0.000	49	1109	1.00	0.8826	a
44 cis-1,2-Dichloroethene	96	2.409	2.409	0.000	35	3795	1.00	1.05	
45 2-Butanone (MEK)	43	2.427	2.427	0.000	70	3486	5.00	4.16	
46 Propionitrile	54	2.470	2.470	0.000	77	3367	10.0	10.1	
47 Ethyl acetate	70	2.488	2.488	0.000	92	1136	2.00	4.03	
48 Isopropyl acetate	61	2.488	2.488	0.000	72	715	1.00	0.8432	a
55 Methyl acrylate	55	2.506	2.506	0.000	79	2358	1.00	0.9307	a
49 Methacrylonitrile	67	2.579	2.579	0.000	88	11076	10.0	9.72	
50 Chlorobromomethane	128	2.579	2.579	0.000	47	1781	1.00	1.02	
51 Tetrahydrofuran	72	2.628	2.622	0.006	50	1028	2.00	2.57	
52 Chloroform	83	2.647	2.646	0.001	82	5624	1.00	1.03	
$ 53 Dibromofluoromethane (Surr	113	2.768	2.768	0.000	95	161595	50.0	50.6	
54 1,1,1-Trichloroethane	97	2.781	2.781	0.000	28	5576	1.00	1.08	
56 Cyclohexane	84	2.823	2.823	0.000	78	4282	1.00	0.9606	
57 Carbon tetrachloride	117	2.909	2.915	-0.006	93	5196	1.00	1.08	
58 1,1-Dichloropropene	75	2.915	2.915	0.000	82	4184	1.00	0.9545	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	96	160675	50.0	51.0	
60 Isobutyl alcohol	43	3.079	3.073	0.006	62	1300	25.0	16.2	
61 Benzene	78	3.079	3.079	0.000	94	12835	1.00	1.02	
62 1,2-Dichloroethane	62	3.104	3.104	0.000	67	3932	1.00	1.02	
63 Isooctane	57	3.177	3.177	0.000	92	7055	1.00	1.08	
64 Tert-amyl methyl ether	73	3.207	3.213	-0.006	65	7991	1.00	0.9619	
* 65 Fluorobenzene	96	3.335	3.335	0.000	99	556621	50.0	50.0	
66 n-Heptane	43	3.360	3.354	0.006	40	2632	1.00	1.05	a
67 Trichloroethene	95	3.671	3.671	0.000	83	4774	1.00	1.21	
68 n-Butanol	56	3.701	3.695	0.006	65	1355	25.0	21.4	
69 Ethyl acrylate	55	3.841	3.841	0.000	86	6957	1.00	1.05	
70 Methylcyclohexane	83	3.854	3.854	0.000	83	4945	1.00	1.01	
71 1,2-Dichloropropane	63	3.884	3.884	0.000	67	3030	1.00	1.05	
72 Dibromomethane	93	4.000	4.000	0.000	28	2196	1.00	1.04	
* 73 1,4-Dioxane-d8	96	4.000	4.000	0.000	56	31682	1000.0	1000.0	
74 1,4-Dioxane	88	4.049	4.055	-0.006	32	1414	50.0	46.4	
75 Methyl methacrylate	100	4.067	4.067	0.000	80	1767	2.00	1.95	a
76 n-Propyl acetate	43	4.152	4.152	0.000	89	3625	1.00	1.15	a
77 Dichlorobromomethane	83	4.183	4.183	0.000	85	4325	1.00	1.01	
78 2-Nitropropane	41	4.439	4.439	0.000	71	1545	2.00	2.22	a
79 2-Chloroethyl vinyl ether	63	4.555	4.555	0.000	57	2116	1.00	1.03	
80 Epichlorohydrin	57	4.597	4.597	0.000	85	4713	20.0	18.6	
85 cis-1,3-Dichloropropene	75	4.683	4.683	0.000	79	4571	1.00	0.9316	a
82 4-Methyl-2-pentanone (MIBK	43	4.902	4.902	0.000	89	9837	5.00	4.89	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.981	4.981	0.000	99	574646	50.0	49.9	
84 Toluene	91	5.055	5.055	0.000	89	13827	1.00	1.02	
81 trans-1,3-Dichloropropene	75	5.366	5.365	0.001	77	4602	1.00	1.00	a
86 Ethyl methacrylate	69	5.555	5.554	0.001	79	4066	1.00	1.12	a
87 1,1,2-Trichloroethane	83	5.579	5.579	0.000	82	2411	1.00	1.05	
88 Tetrachloroethene	166	5.719	5.719	0.000	82	3452	1.00	1.03	
89 1,3-Dichloropropane	76	5.780	5.774	0.006	79	4601	1.00	1.04	
90 2-Hexanone	43	5.969	5.969	0.000	87	7113	5.00	5.14	
91 Chlorodibromomethane	129	6.054	6.054	0.000	56	3435	1.00	1.01	
92 Ethylene Dibromide	107	6.164	6.164	0.000	70	3246	1.00	1.04	
93 n-Butyl acetate	43	6.201	6.195	0.006	84	3383	1.00	1.00	
* 94 Chlorobenzene-d5	117	6.835	6.835	0.000	85	435311	50.0	50.0	
95 Chlorobenzene	112	6.871	6.871	0.000	52	9102	1.00	1.04	
96 1,1,1,2-Tetrachloroethane	131	7.024	7.018	0.006	75	3291	1.00	1.06	
97 Ethylbenzene	106	7.079	7.079	0.000	94	4767	1.00	1.03	
98 m-Xylene & p-Xylene	106	7.262	7.261	0.001	92	5538	1.00	1.00	
99 o-Xylene	106	7.829	7.828	0.000	88	5687	1.00	1.07	
100 Styrene	104	7.865	7.865	0.000	88	8838	1.00	0.99	
101 n-Butyl acrylate	73	7.957	7.956	0.001	85	1964	1.00	0.9560	
102 Bromoform	173	8.078	8.078	0.000	56	2056	1.00	1.03	
103 Amyl acetate (mixed isomer	43	8.347	8.347	0.000	83	3702	1.00	1.04	
104 Isopropylbenzene	105	8.432	8.432	0.000	84	12879	1.00	0.9813	
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	164510	50.0	50.4	
106 Bromobenzene	156	8.798	8.792	0.006	93	3210	1.00	1.01	
107 1,1,2,2-Tetrachloroethane	83	8.950	8.950	0.000	52	2919	1.00	1.05	
108 1,2,3-Trichloropropane	110	8.950	8.956	-0.006	58	1138	1.00	0.8153	
109 trans-1,4-Dichloro-2-buten	53	9.042	9.048	-0.006	10	1110	1.00	1.17	
110 N-Propylbenzene	91	9.084	9.084	0.000	94	15786	1.00	1.01	
111 2-Chlorotoluene	91	9.145	9.145	0.000	87	8891	1.00	1.00	
112 4-Ethyltoluene	105	9.286	9.285	0.001	89	12304	1.00	0.9896	
113 4-Chlorotoluene	91	9.334	9.334	0.000	93	8575	1.00	1.01	
114 1,3,5-Trimethylbenzene	105	9.401	9.401	0.000	84	10447	1.00	1.03	
115 Butyl Methacrylate	87	9.712	9.712	0.000	79	3659	1.00	1.00	
116 tert-Butylbenzene	119	9.907	9.907	0.000	78	9487	1.00	1.08	
117 1,2,4-Trimethylbenzene	105	9.987	9.987	0.000	86	10951	1.00	1.05	
118 sec-Butylbenzene	105	10.273	10.273	0.000	91	12033	1.00	1.00	
119 1,3-Dichlorobenzene	146	10.352	10.352	0.000	82	5435	1.00	1.00	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	96	200172	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.511	10.511	0.000	41	5940	1.00	1.06	
122 p-Diethylbenzene	119	10.554	10.554	0.000	64	11044	1.00	1.11	
123 1,2,3-Trimethylbenzene	105	10.657	10.657	0.000	95	10571	1.00	1.07	
127 Benzyl chloride	91	10.779	10.779	0.000	75	6364	1.00	0.9785	a
124 2,3-Dihydroindene	117	10.932	10.932	0.000	84	10461	1.00	1.05	
125 1,2-Dichlorobenzene	146	11.096	11.102	-0.006	81	5130	1.00	1.00	
126 4-Isopropyltoluene	119	11.200	11.200	0.000	65	5856	1.00	1.08	a
128 n-Butylbenzene	92	11.224	11.230	-0.006	90	5580	1.00	1.11	
129 1,2-Dibromo-3-Chloropropan	75	12.157	12.163	-0.006	1	611	1.00	1.04	
130 1,2,4,5-Tetramethylbenzene	119	12.200	12.200	0.000	79	8796	1.00	1.06	
131 1,3,5-Trichlorobenzene	180	12.401	12.401	0.000	64	2905	1.00	1.06	
132 1,2,4-Trichlorobenzene	180	13.010	13.010	0.000	54	2256	1.00	0.9337	
133 Hexachlorobutadiene	225	13.206	13.205	0.001	9	966	1.00	1.08	
134 Naphthalene	128	13.212	13.212	0.000	94	7664	1.00	0.9491	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.431	13.431	0.000	49	2139	1.00	0.9838	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.07	
S 137 Xylenes, Total	100				0		2.00	2.07	
S 138 Total BTEX	1				0		5.00	5.15	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.93	
S 140 Total 1,2-dichloroethene	1				0			2.07	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00012	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00105	Amount Added:	10.00	Units: uL	
ACROLEIN W_00096	Amount Added:	4.00	Units: uL	
14DIOXINTER_00105	Amount Added:	30.00	Units: uL	
GASES Li_00335	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00028	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 04-Oct-2019 20:38:03 Chrom Revision: 2.3 17-Sep-2019 16:19:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D

Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15

Lims ID: STD1

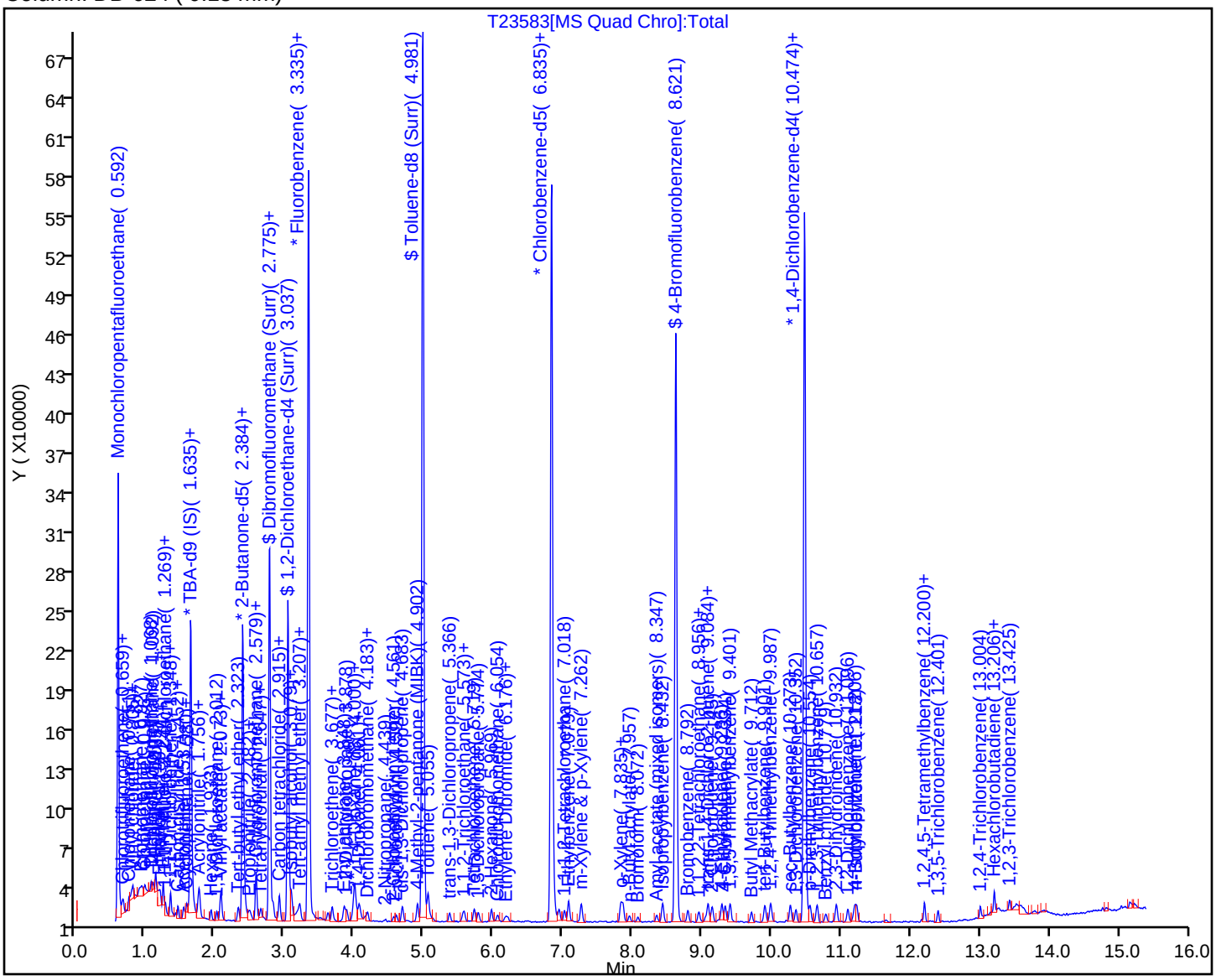
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

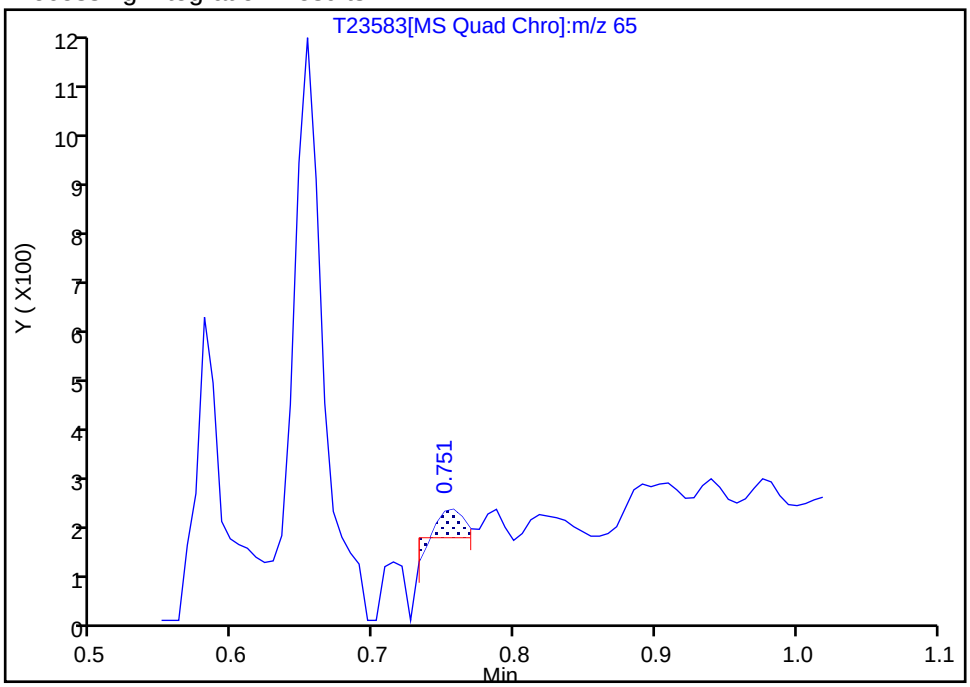
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

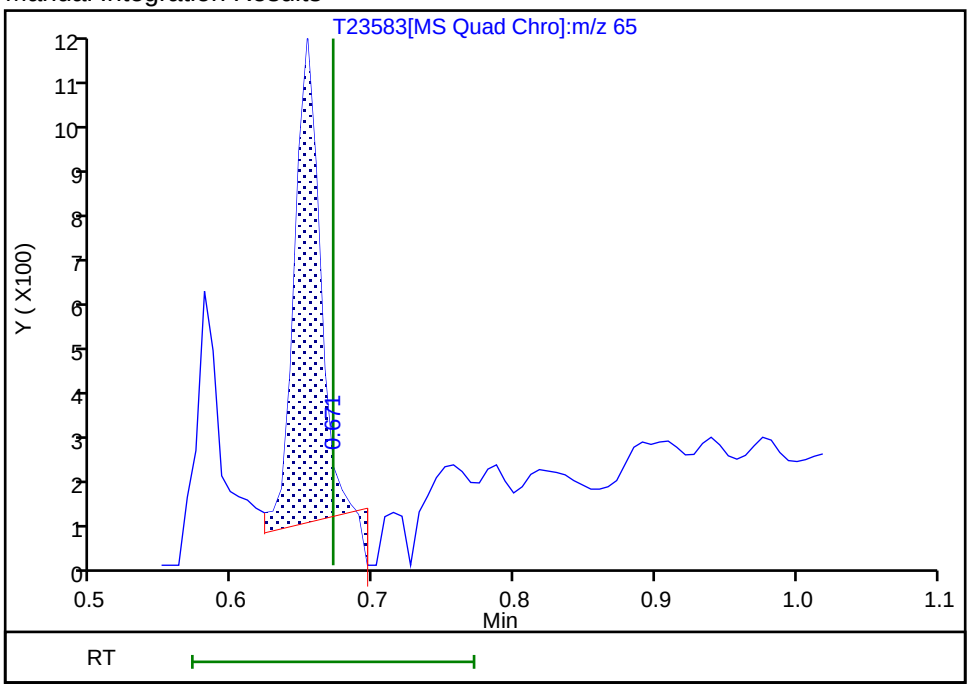
Processing Integration Results

RT: 0.75
Area: 169
Amount: 0.033409
Amount Units: ug/l



Manual Integration Results

RT: 0.67
Area: 4143
Amount: 0.830430
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:43:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

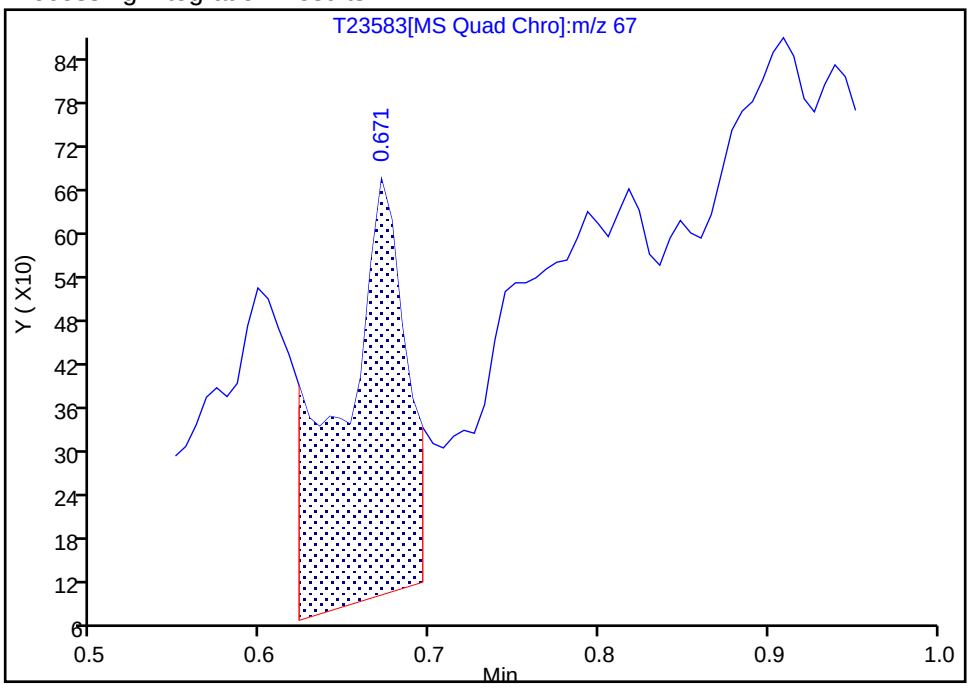
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

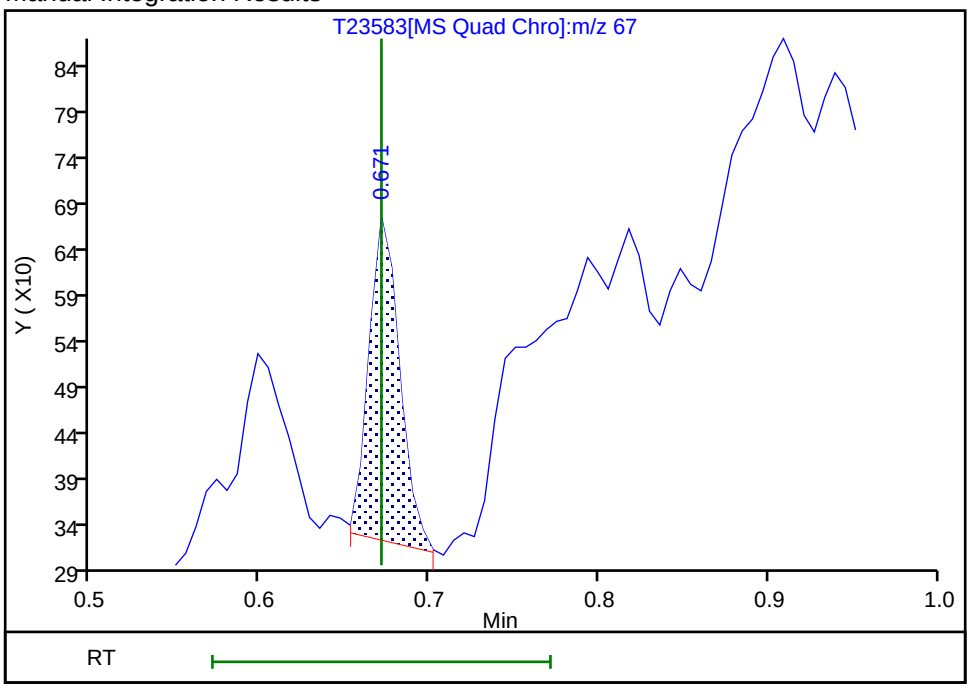
Processing Integration Results

RT: 0.67
Area: 4143
Amount: 0.832949
Amount Units: ug/l



Manual Integration Results

RT: 0.67
Area: 442
Amount: 0.088870
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:41:12
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

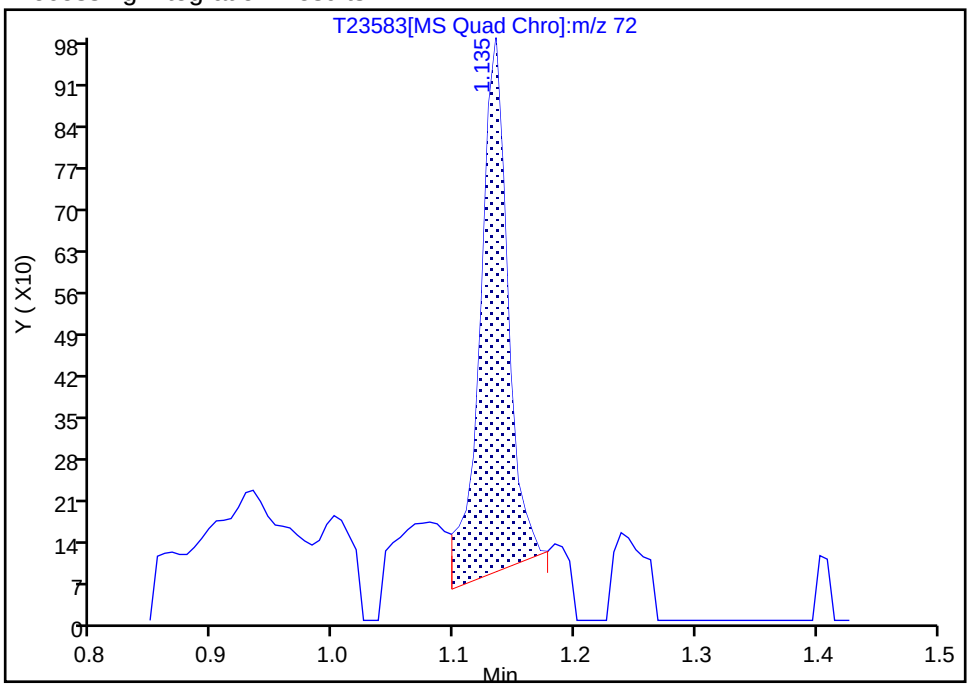
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Signal: 1

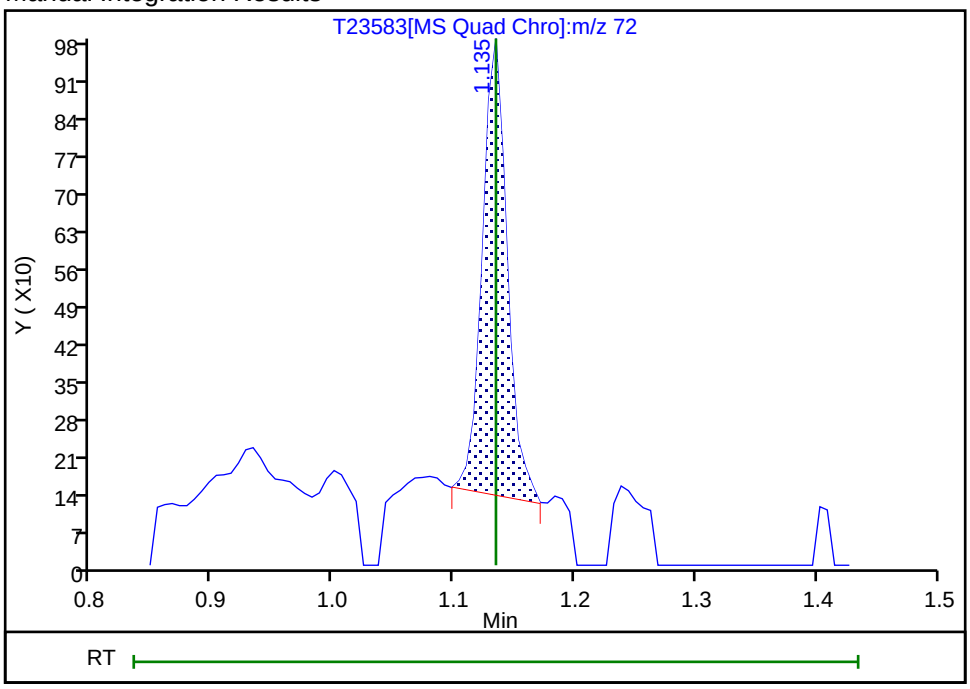
Processing Integration Results

RT: 1.13
Area: 1451
Amount: 2.389281
Amount Units: ug/l



Manual Integration Results

RT: 1.13
Area: 1218
Amount: 2.062125
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:41:28
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

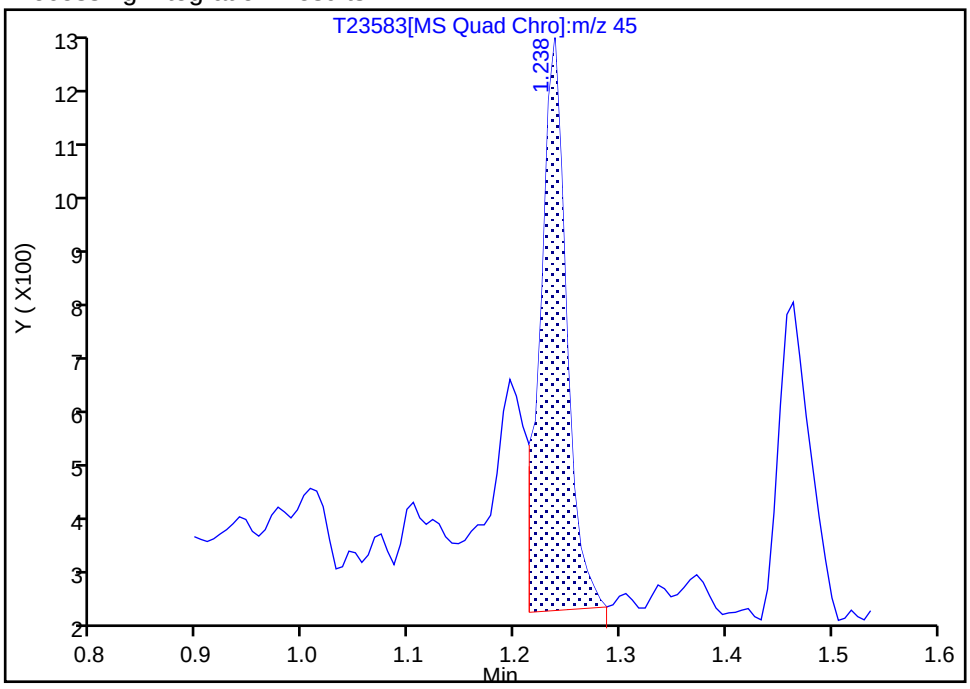
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

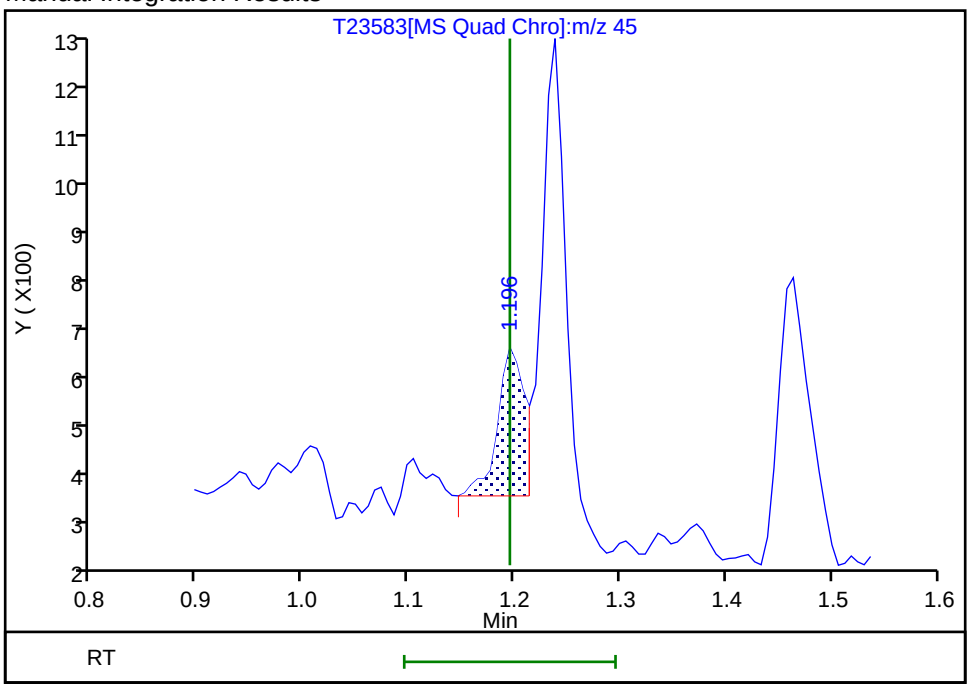
Processing Integration Results

RT: 1.24
Area: 1846
Amount: 4921.1102
Amount Units: ug/l



Manual Integration Results

RT: 1.20
Area: 554
Amount: 51.885037
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:44:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

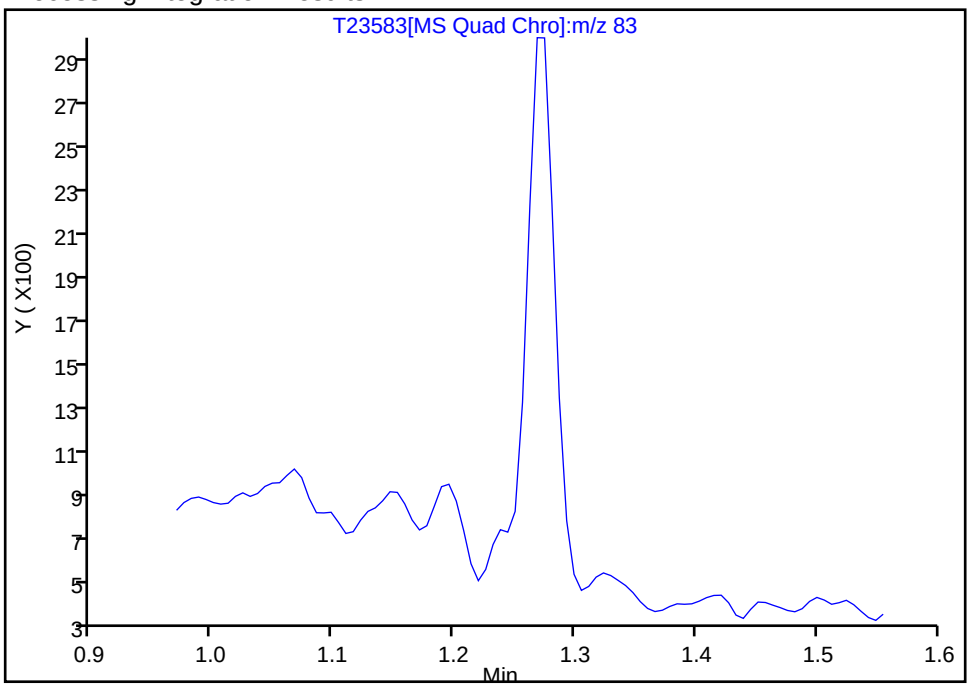
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

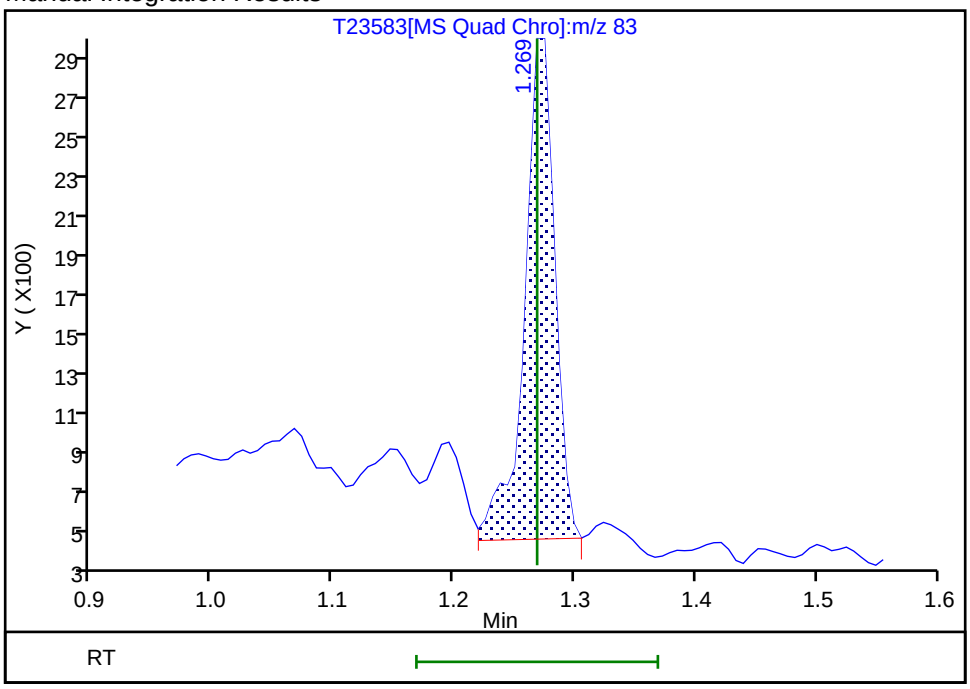
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.27
Area: 4372
Amount: 0.997119
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:41:47
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

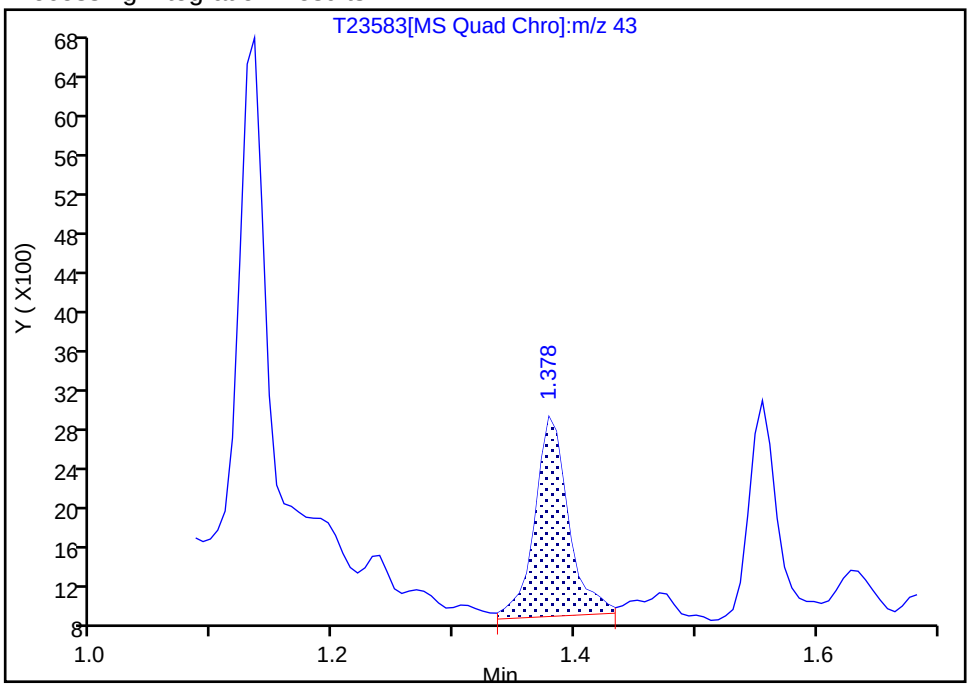
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Signal: 1

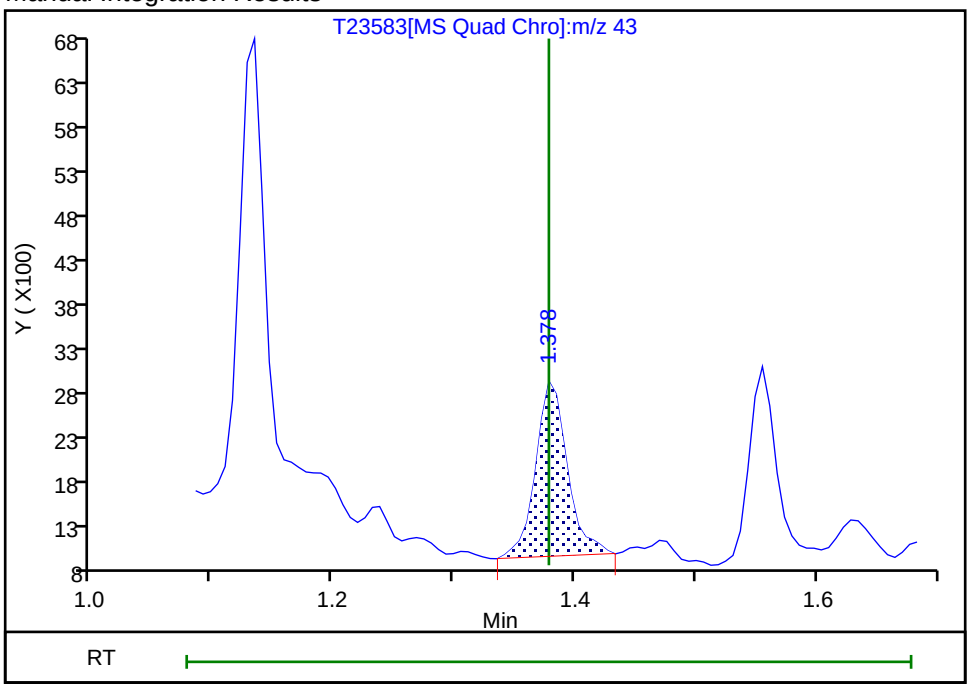
Processing Integration Results

RT: 1.38
Area: 3931
Amount: 7.253122
Amount Units: ug/l



Manual Integration Results

RT: 1.38
Area: 3554
Amount: 6.048950
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:12:19
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

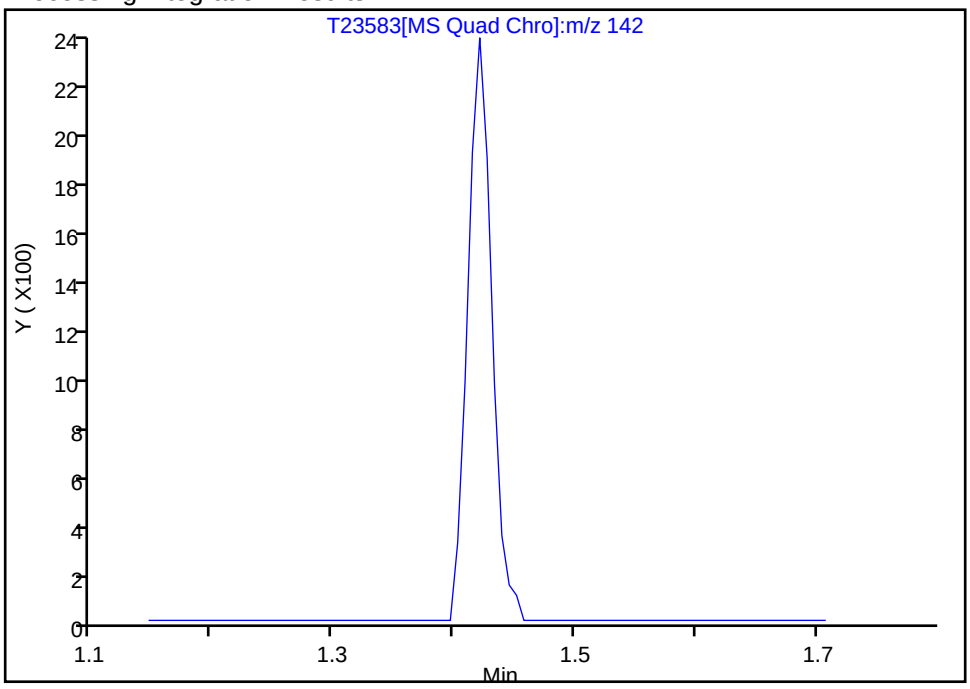
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

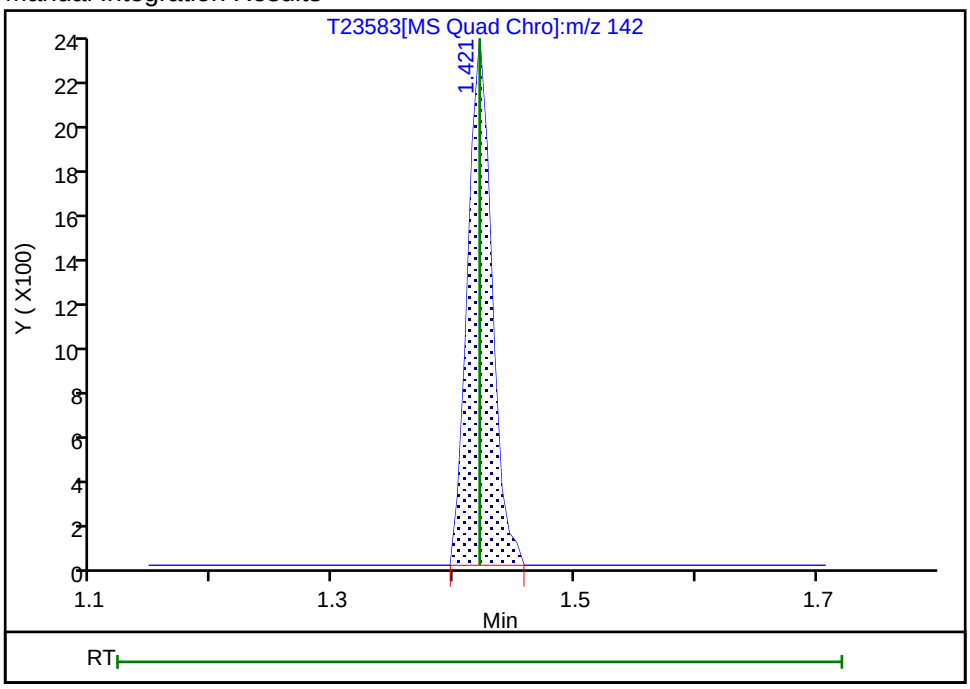
Not Detected
Expected RT: 1.42

Processing Integration Results



Manual Integration Results

RT: 1.42
Area: 3267
Amount: 0.815740
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:41:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

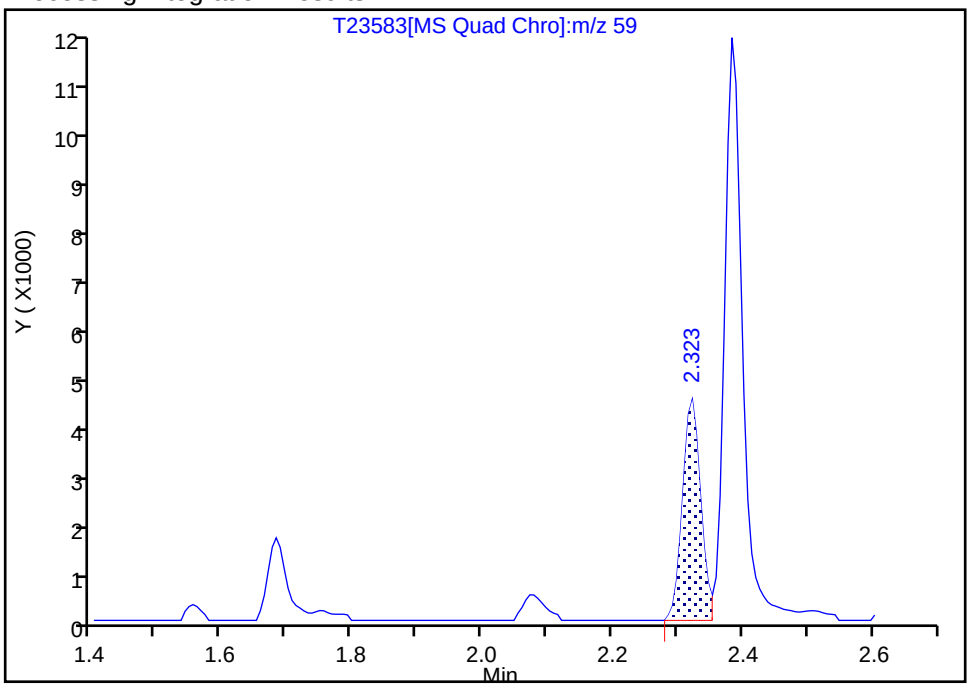
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

40 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

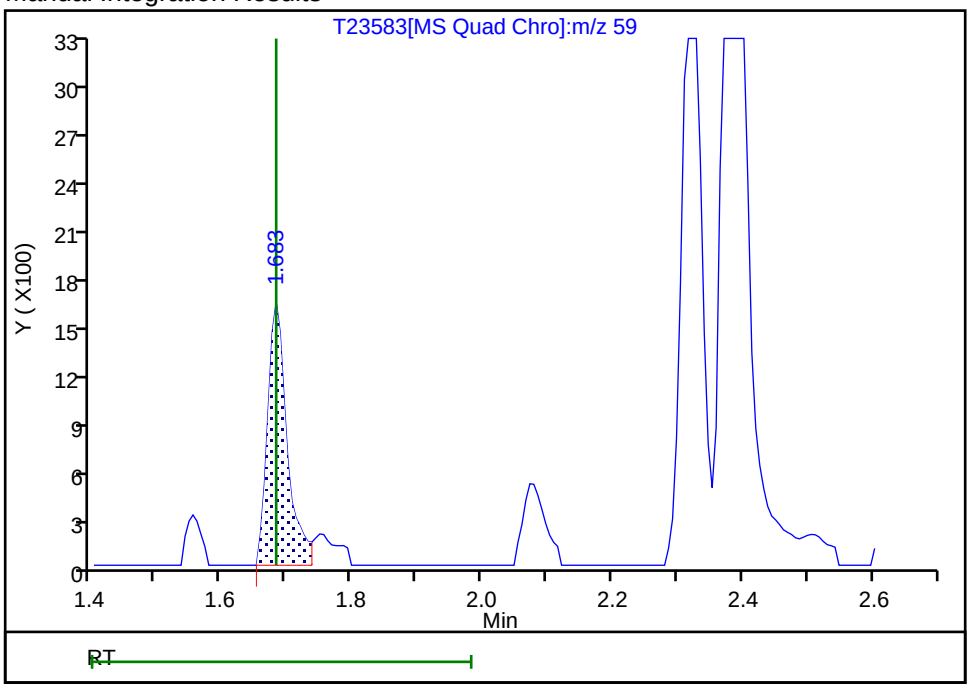
Processing Integration Results

RT: 2.32
Area: 8389
Amount: 32.921220
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 3334
Amount: 9.676859
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:41:44
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

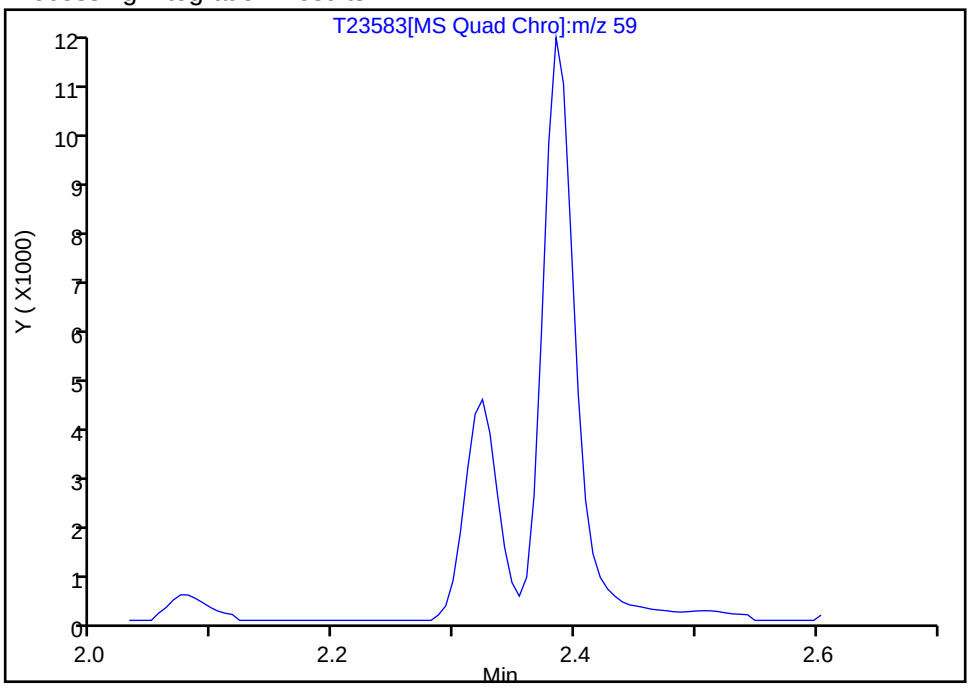
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

41 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

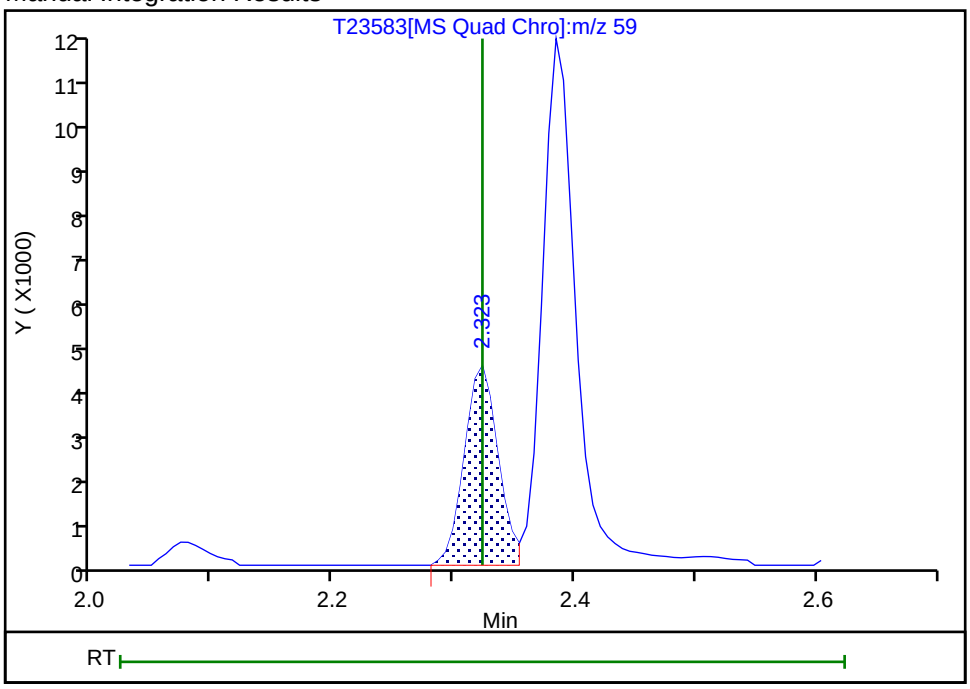
Not Detected
Expected RT: 2.32

Processing Integration Results



Manual Integration Results

RT: 2.32
Area: 8389
Amount: 0.996588
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:42:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

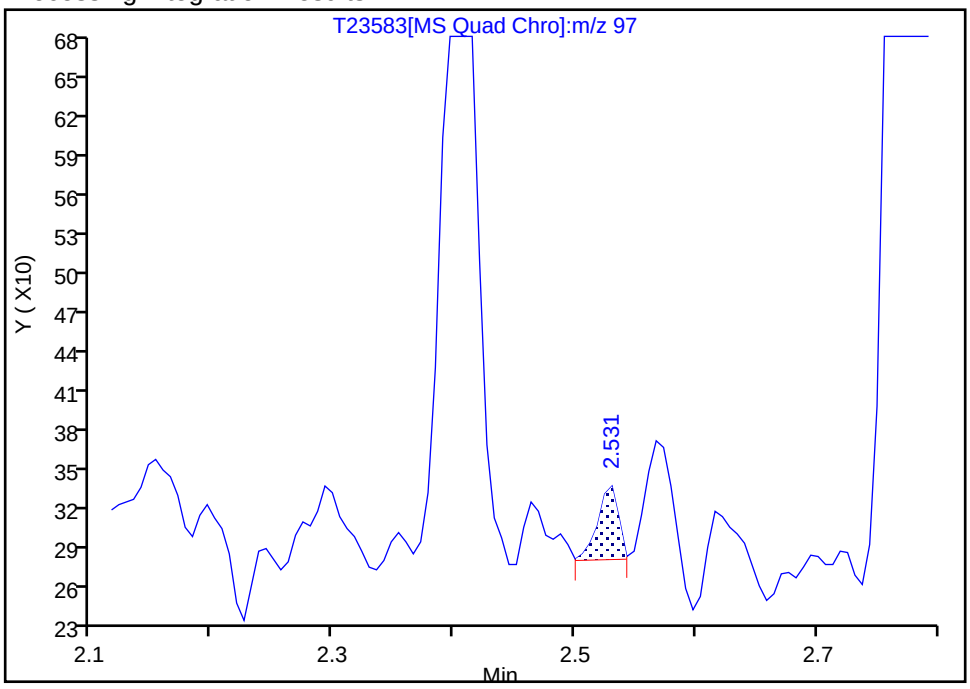
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

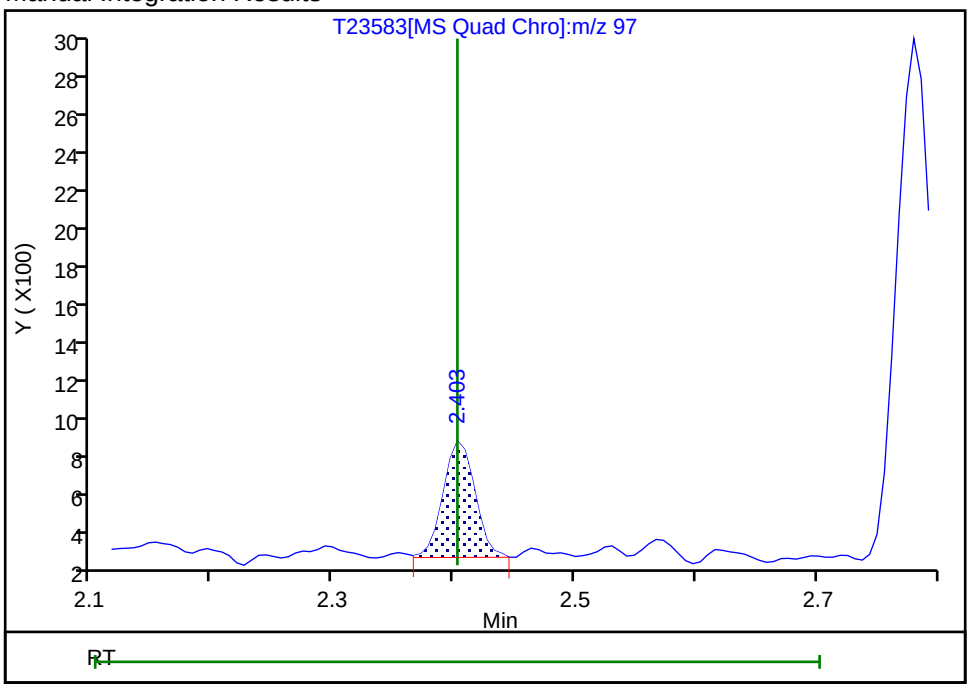
Processing Integration Results

RT: 2.53
Area: 66
Amount: 0.052520
Amount Units: ug/l



Manual Integration Results

RT: 2.40
Area: 1109
Amount: 0.882558
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:42:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

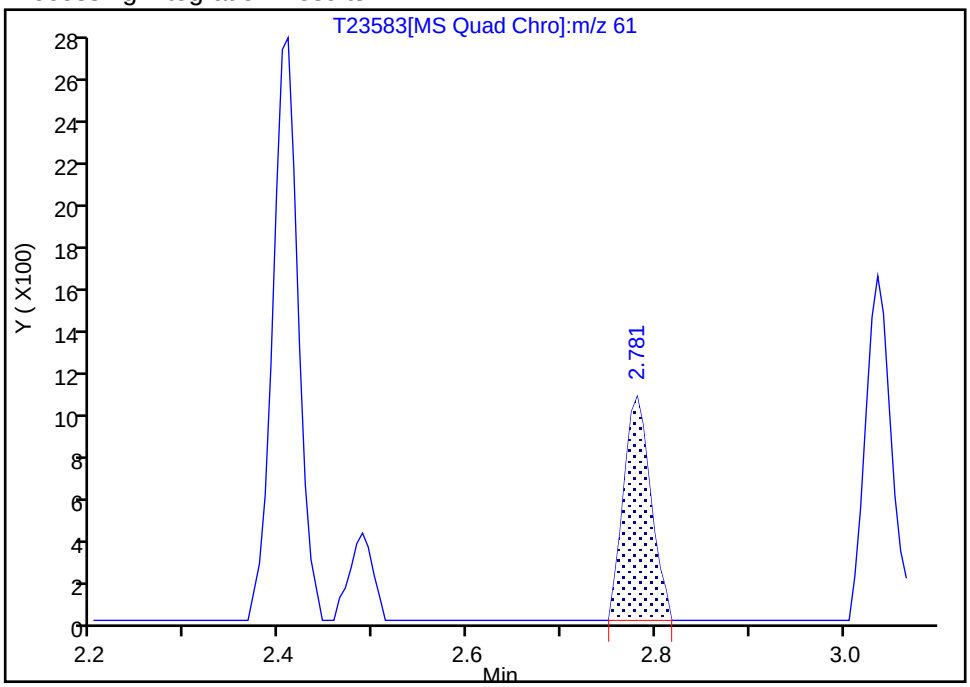
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D		
Injection Date:	03-Oct-2019 23:30:56	Instrument ID:	CVOAMS15
Lims ID:	STD1		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

48 Isopropyl acetate, CAS: 108-21-4

Signal: 1

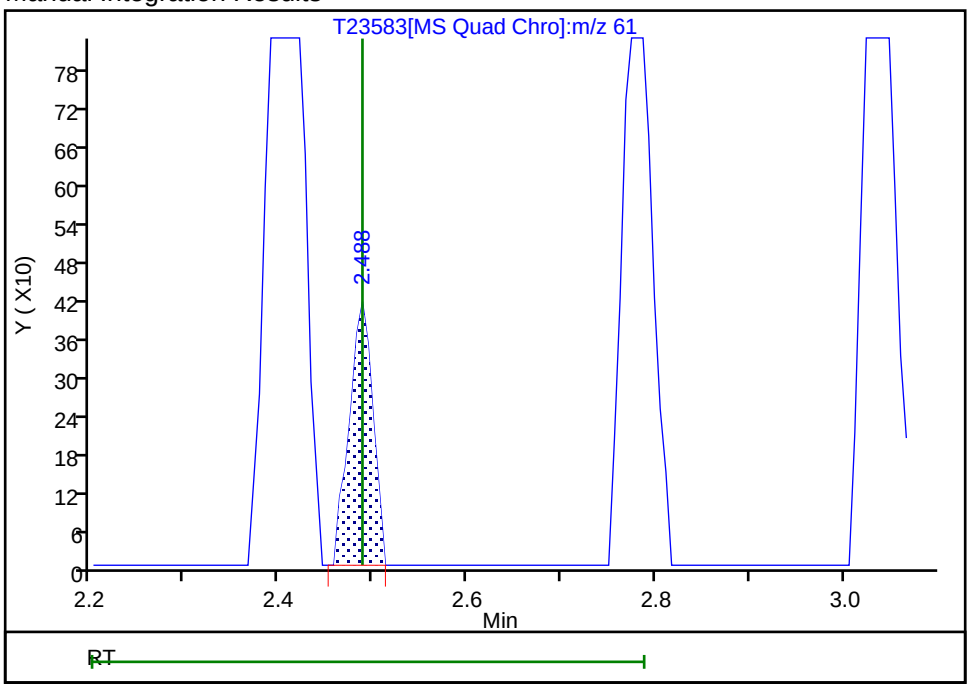
Processing Integration Results

RT: 2.78
Area: 2116
Amount: 2.585403
Amount Units: ug/l



Manual Integration Results

RT: 2.49
Area: 715
Amount: 0.843162
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:41:56
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

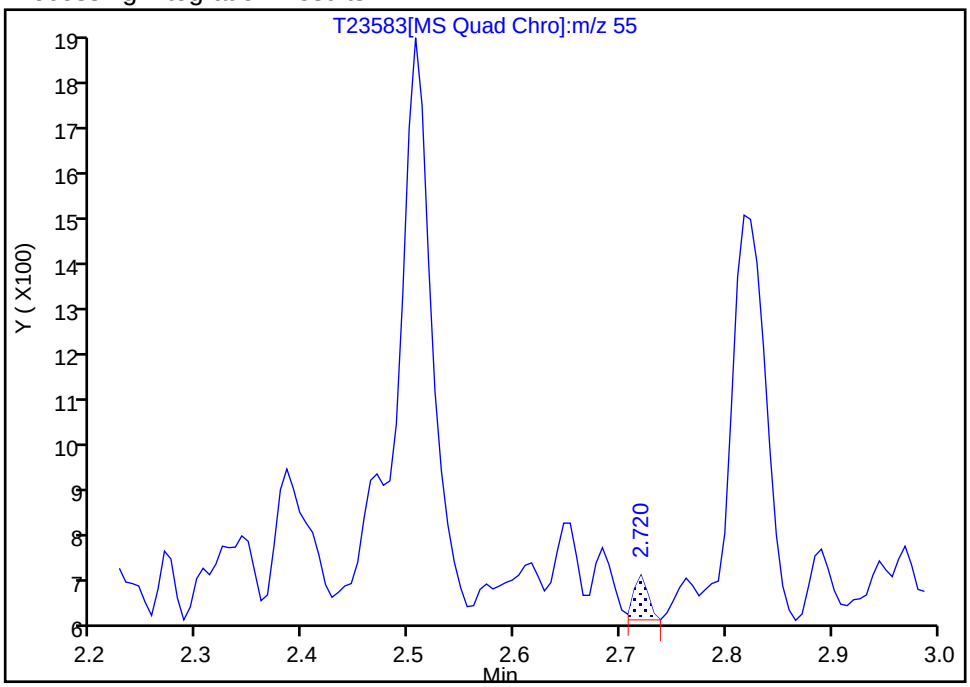
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

55 Methyl acrylate, CAS: 96-33-3

Signal: 1

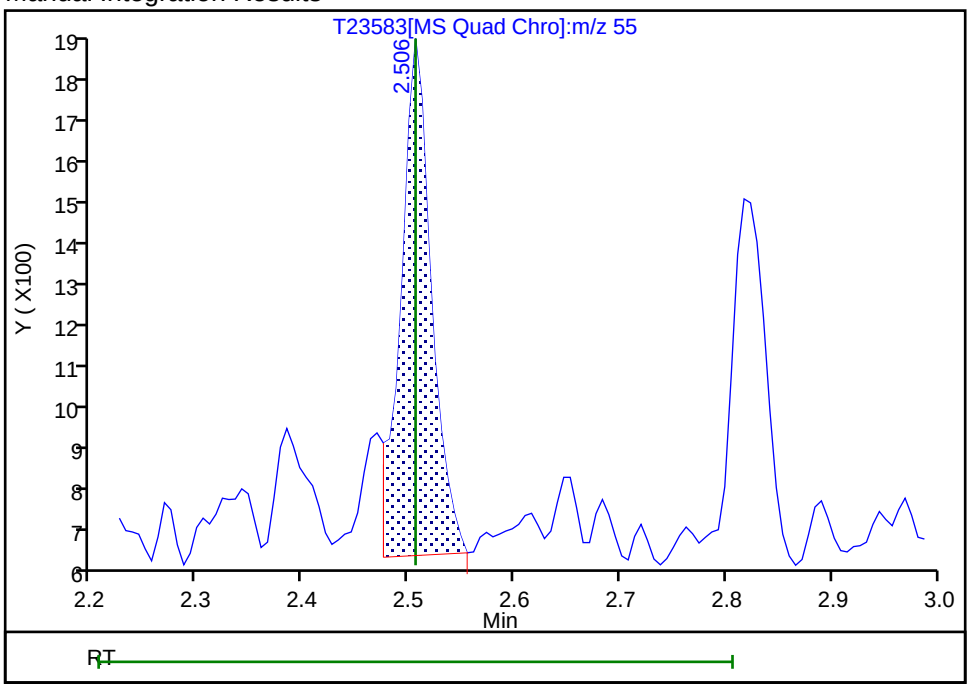
Processing Integration Results

RT: 2.72
Area: 86
Amount: 0.048923
Amount Units: ug/l



Manual Integration Results

RT: 2.51
Area: 2358
Amount: 0.930673
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:42:08
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

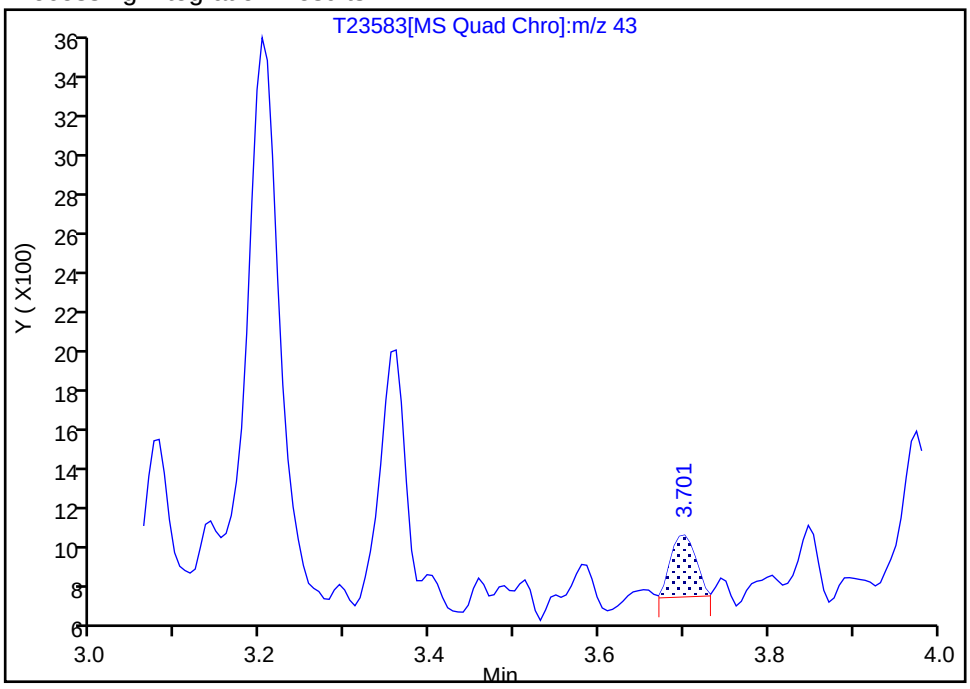
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Signal: 1

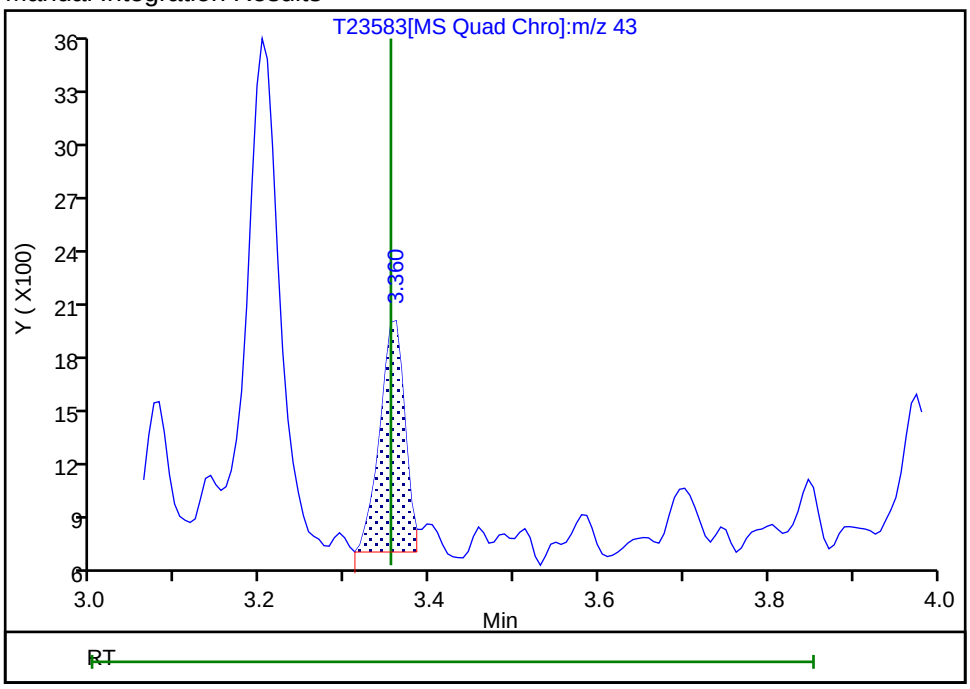
Processing Integration Results

RT: 3.70
Area: 636
Amount: 0.851036
Amount Units: ug/l



Manual Integration Results

RT: 3.36
Area: 2632
Amount: 1.049774
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:42:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

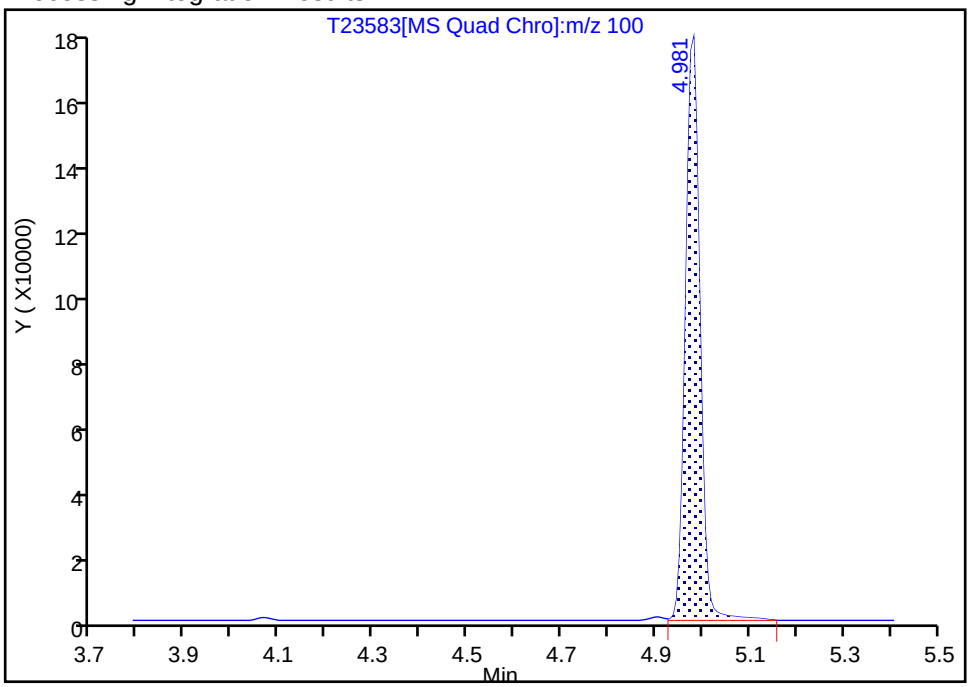
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 Methyl methacrylate, CAS: 80-62-6

Signal: 1

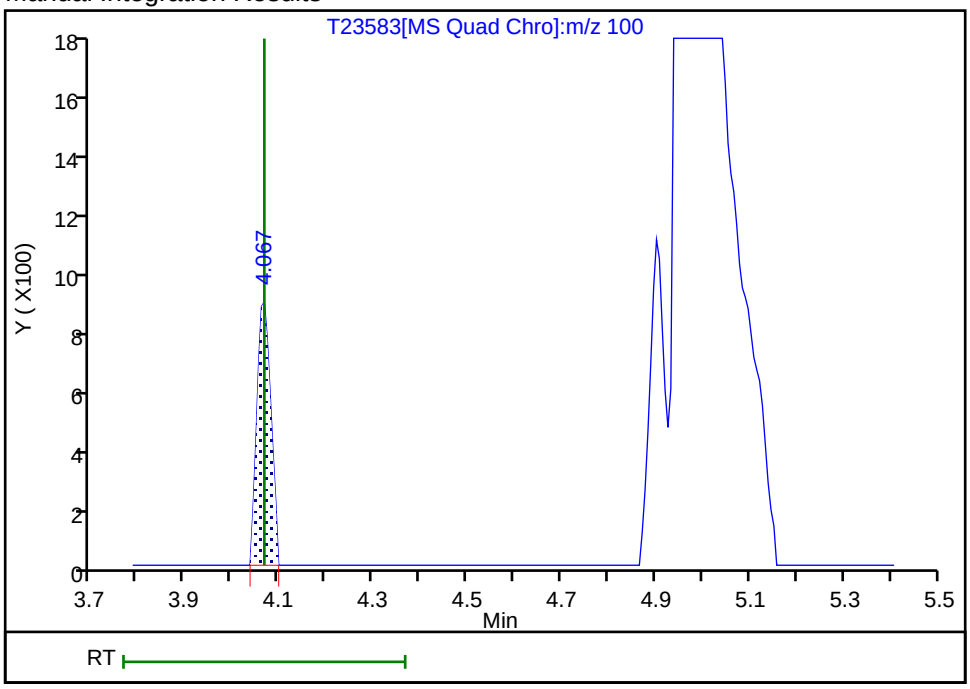
Processing Integration Results

RT: 4.98
Area: 375999
Amount: 4.630761
Amount Units: ug/l



Manual Integration Results

RT: 4.07
Area: 1767
Amount: 1.946876
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:59:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

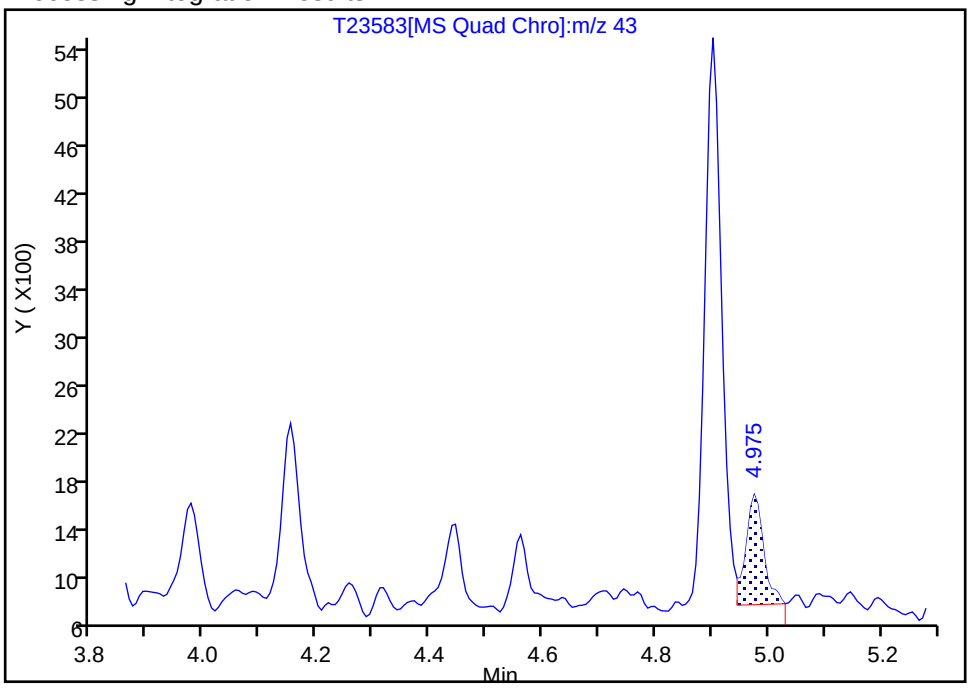
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D		
Injection Date:	03-Oct-2019 23:30:56	Instrument ID:	CVOAMS15
Lims ID:	STD1		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

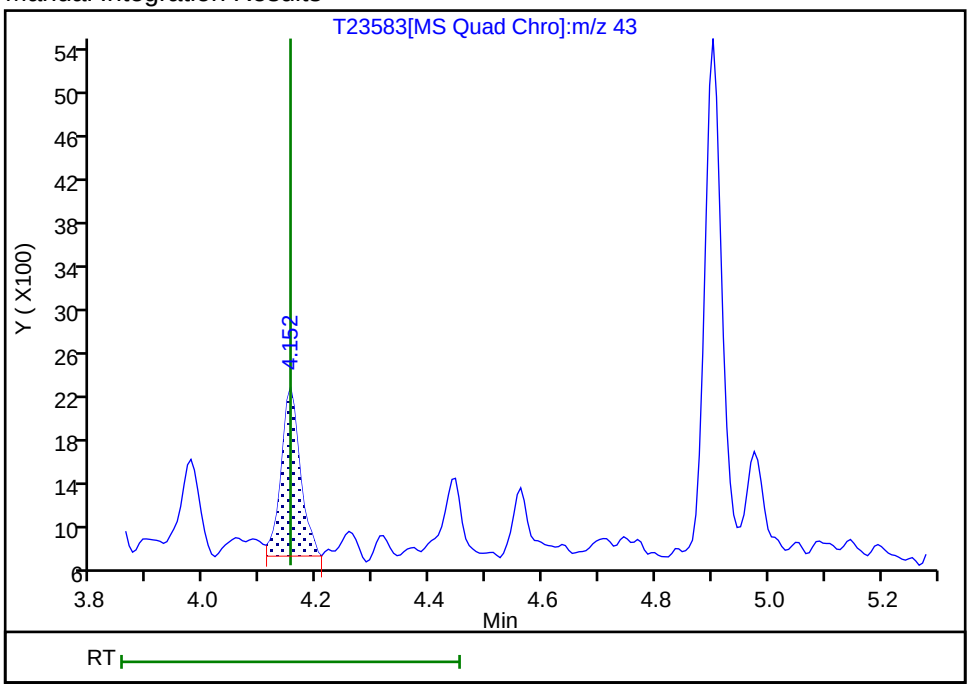
Processing Integration Results

RT: 4.98
Area: 2017
Amount: 0.471315
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 3625
Amount: 1.151158
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:59:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

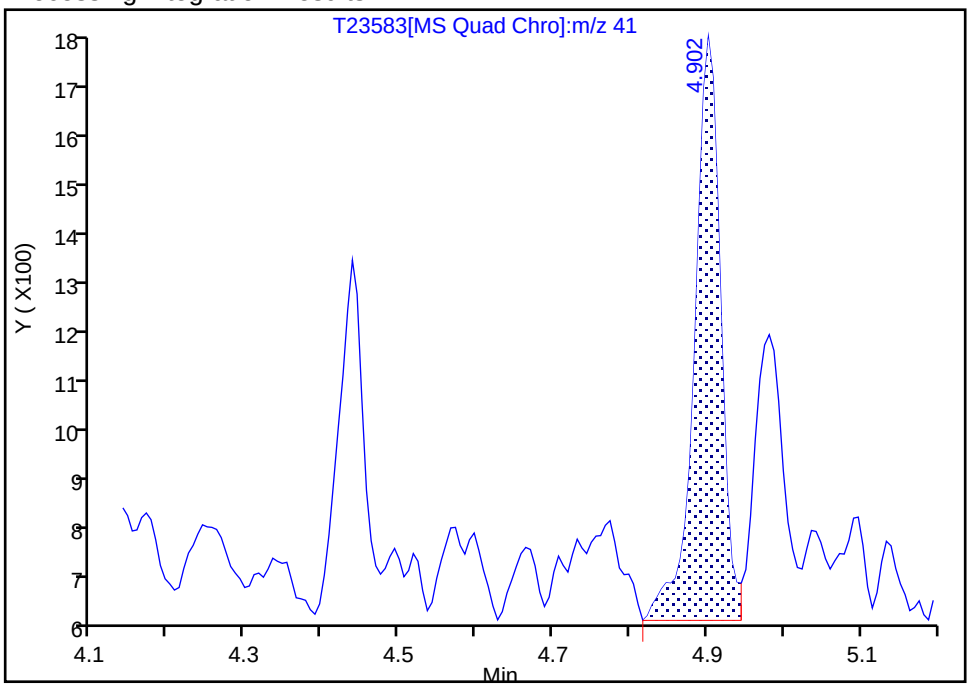
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

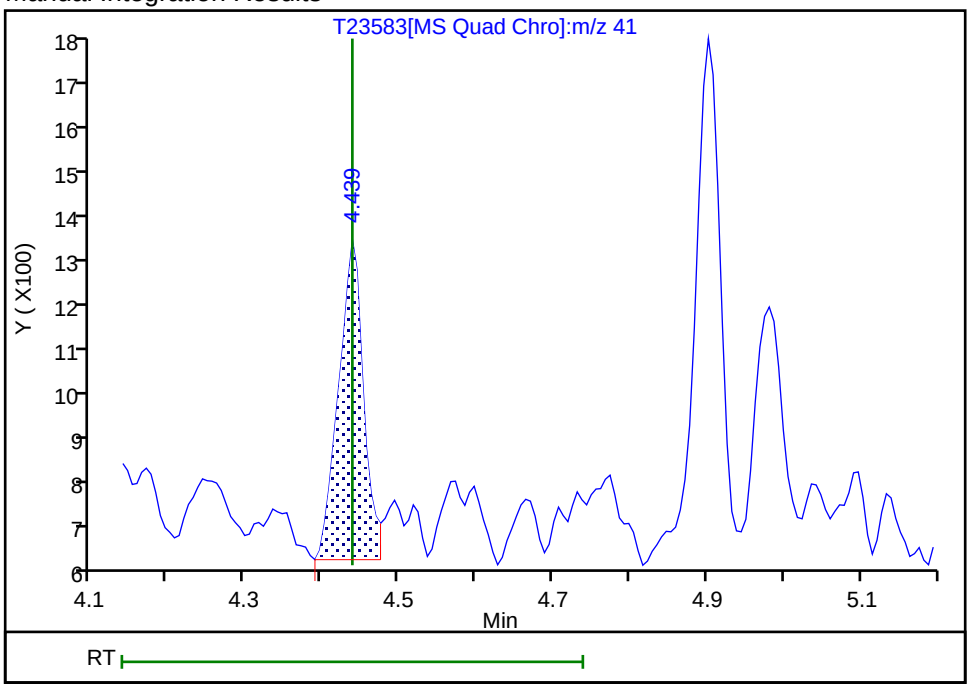
Processing Integration Results

RT: 4.90
Area: 2691
Amount: 3.976977
Amount Units: ug/l



Manual Integration Results

RT: 4.44
Area: 1545
Amount: 2.222439
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:59:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

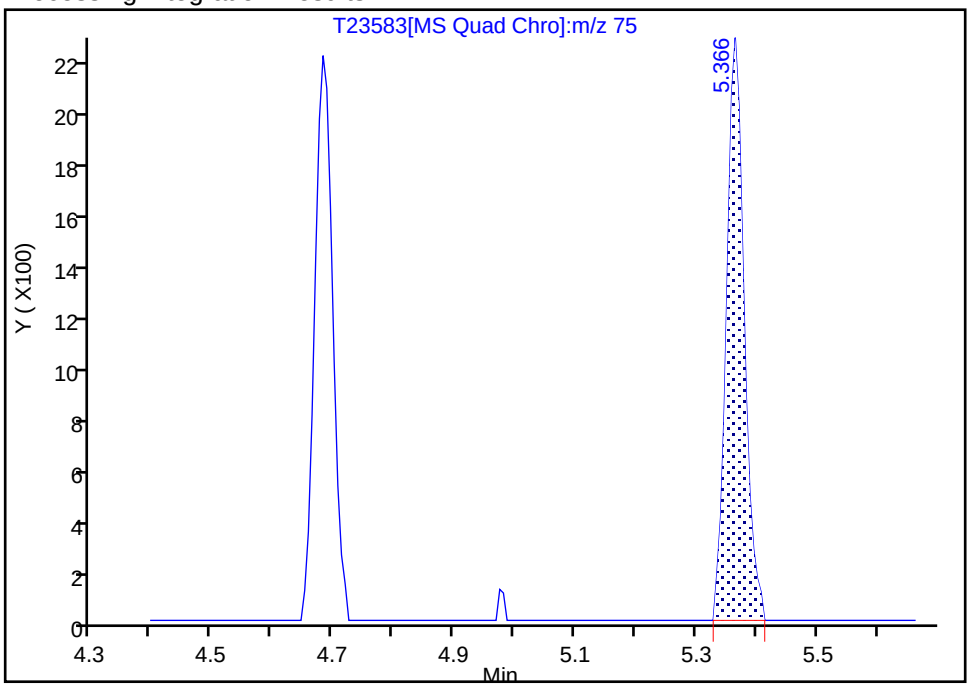
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

85 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

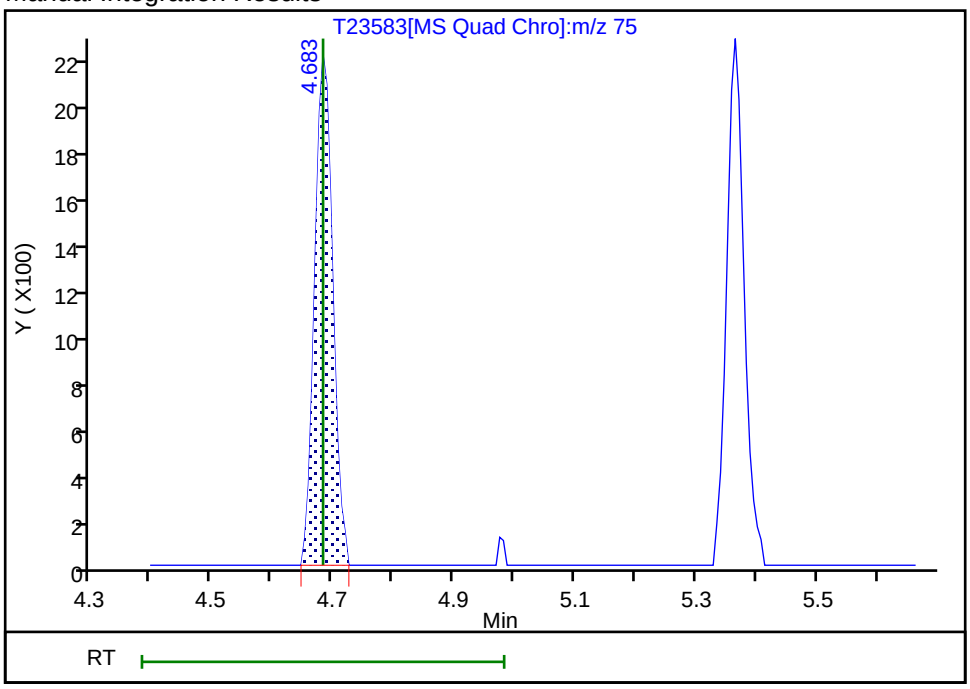
Processing Integration Results

RT: 5.37
Area: 4602
Amount: 0.940441
Amount Units: ug/l



Manual Integration Results

RT: 4.68
Area: 4571
Amount: 0.931561
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:36:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

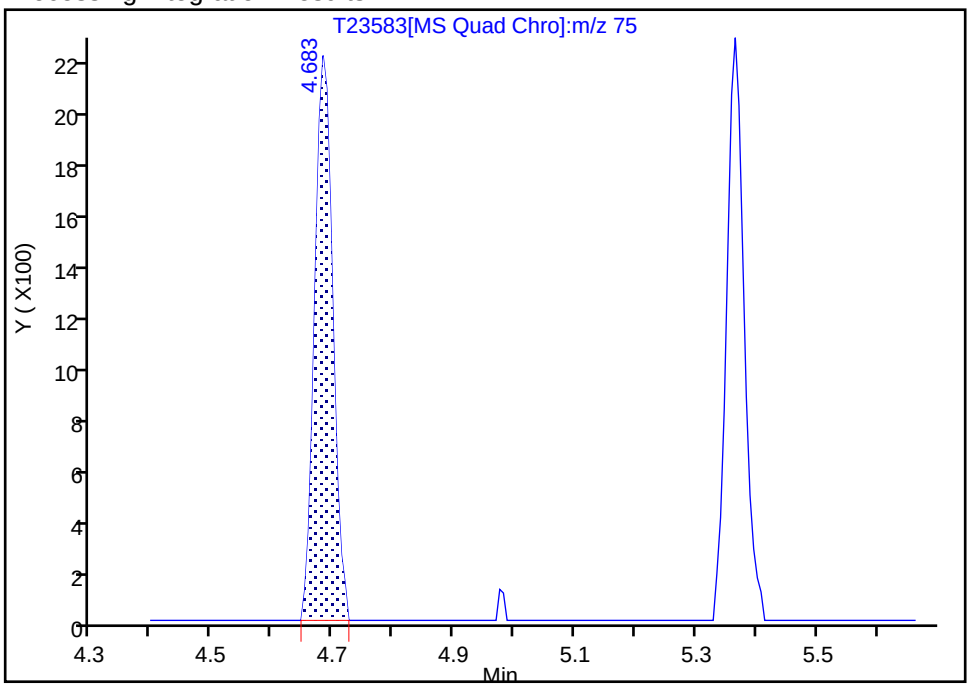
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

81 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

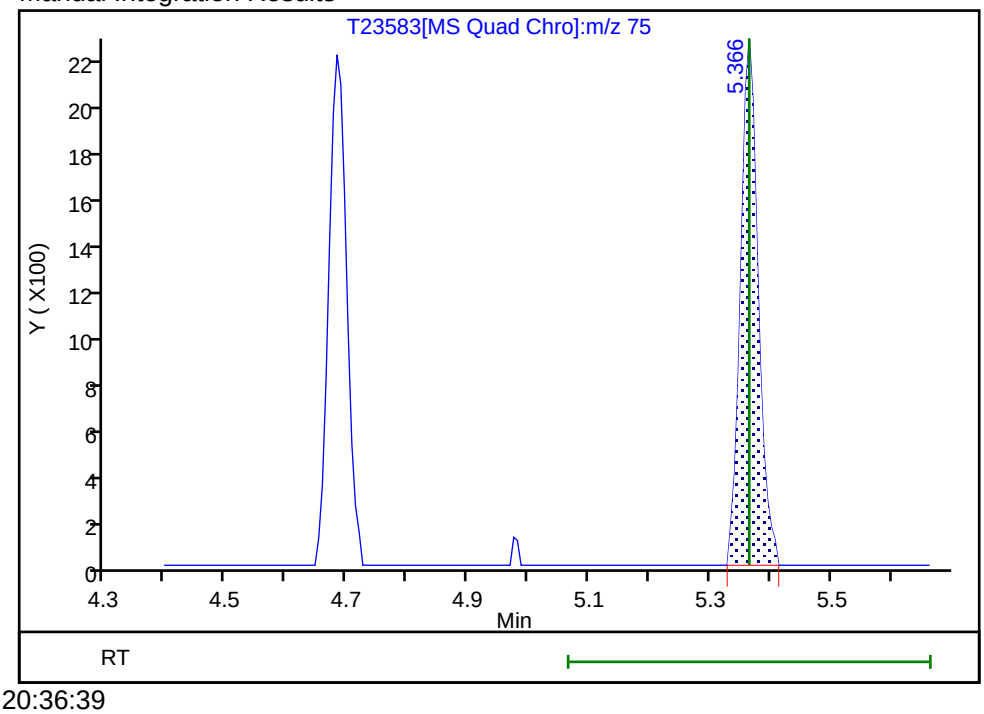
Processing Integration Results

RT: 4.68
Area: 4571
Amount: 0.991946
Amount Units: ug/l



Manual Integration Results

RT: 5.37
Area: 4602
Amount: 1.001579
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:36:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

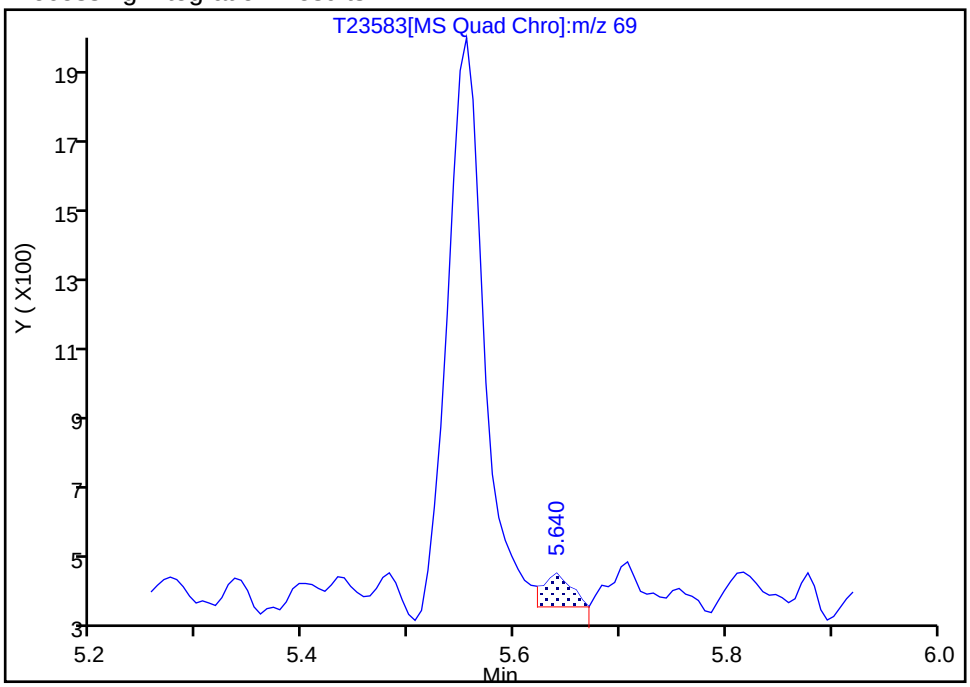
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

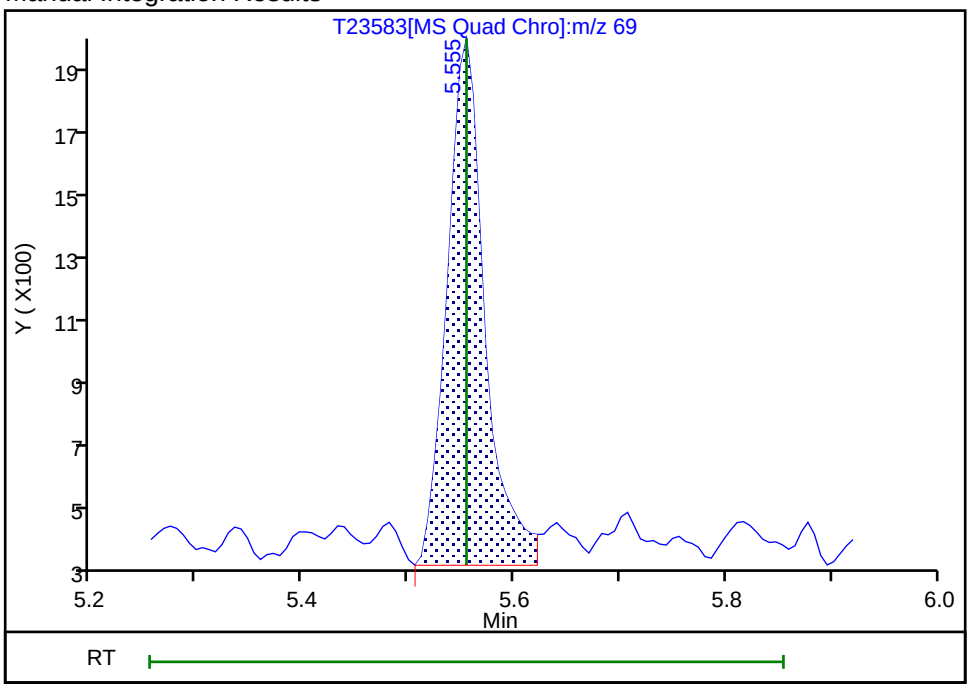
Processing Integration Results

RT: 5.64
Area: 179
Amount: 0.045386
Amount Units: ug/l



Manual Integration Results

RT: 5.55
Area: 4066
Amount: 1.124270
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:43:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

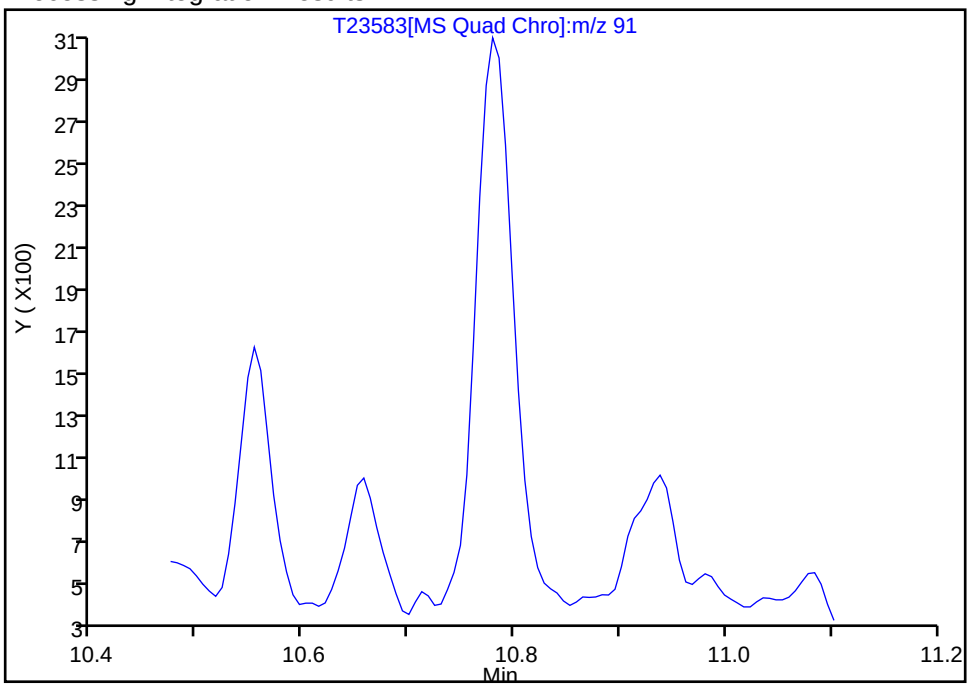
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D
Injection Date: 03-Oct-2019 23:30:56 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 Benzyl chloride, CAS: 100-44-7

Signal: 1

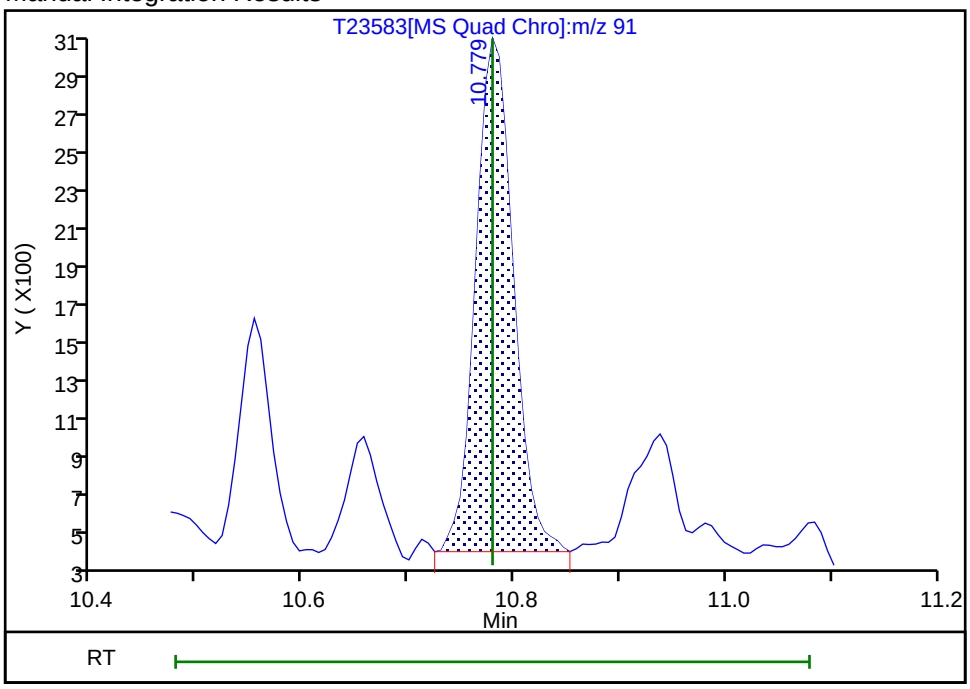
Not Detected
Expected RT: 10.78

Processing Integration Results



Manual Integration Results

RT: 10.78
Area: 6364
Amount: 0.978507
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:42:34
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

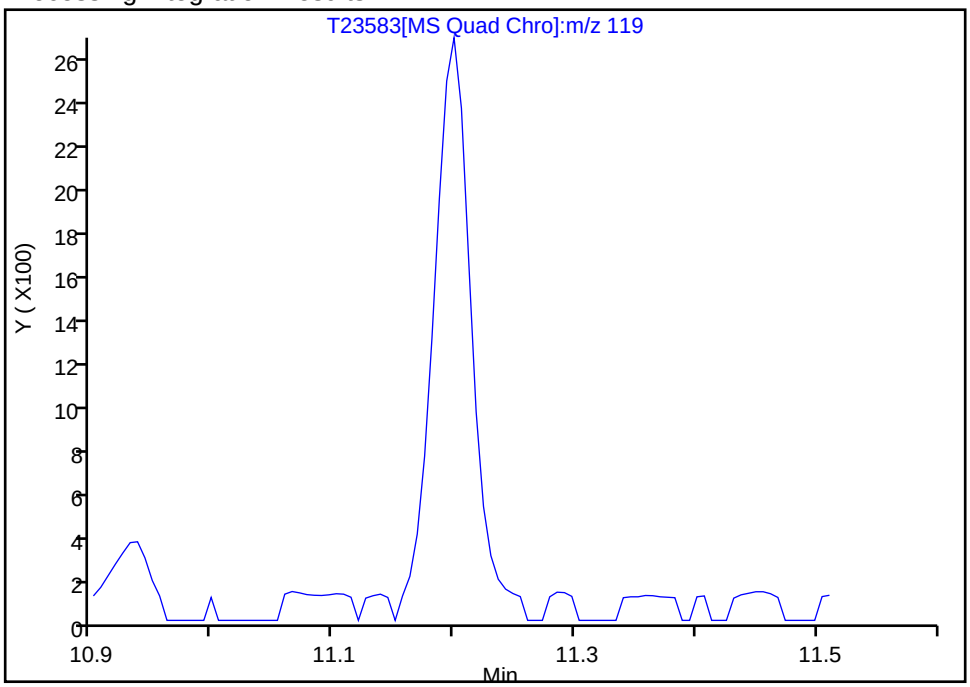
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23583.D		
Injection Date:	03-Oct-2019 23:30:56	Instrument ID:	CVOAMS15
Lims ID:	STD1		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

126 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

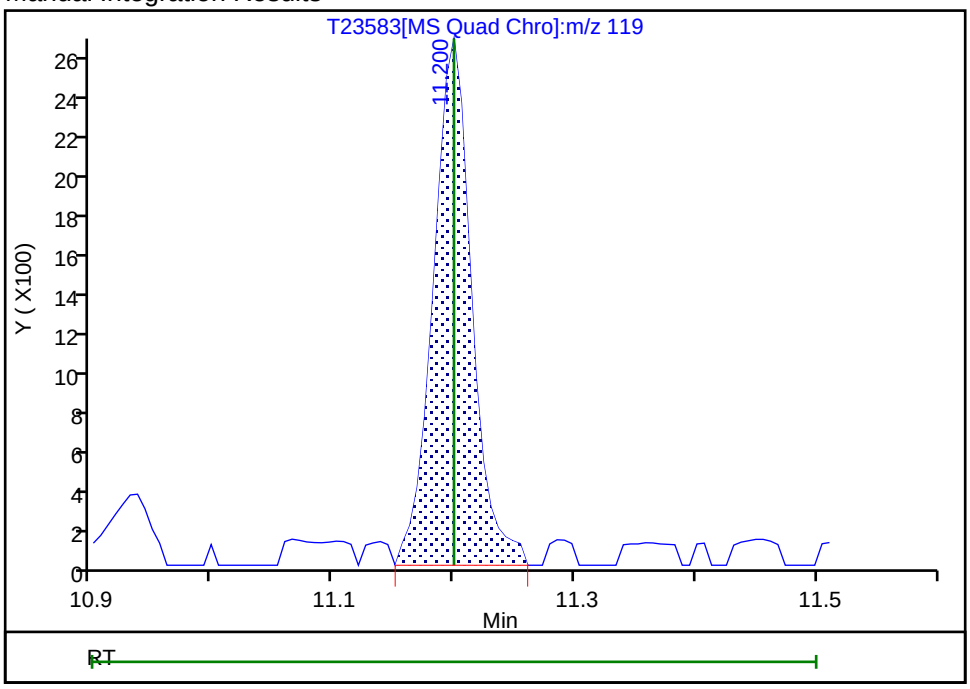
Not Detected
Expected RT: 11.20

Processing Integration Results



Manual Integration Results

RT: 11.20
Area: 5856
Amount: 1.078524
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:43:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Oct-2019 23:55:06 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0098692-006
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Oct-2019 20:38:15 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0312

First Level Reviewer: desais Date: 04-Oct-2019 06:39:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.598	0.598	0.000	20	1475	5.00	4.83	
2 Chlorotrifluoroethene	116	0.653	0.653	0.000	69	4645	5.00	3.34	
3 Dichlorodifluoromethane	85	0.665	0.665	0.000	99	15494	5.00	4.80	
4 1,1-Difluoroethane	65	0.671	0.671	0.000	60	19836	5.00	4.07	a
5 Chlorodifluoromethane	67	0.671	0.671	0.000	93	19836	5.00	4.08	
6 Chloromethane	50	0.744	0.744	0.000	99	11581	5.00	4.36	
7 Vinyl chloride	62	0.787	0.787	0.000	97	15730	5.00	4.95	
8 Butadiene	54	0.805	0.805	0.000	91	13316	5.00	4.82	
9 Bromomethane	94	0.933	0.933	0.000	91	7906	5.00	4.82	
10 Chloroethane	64	0.976	0.976	0.000	98	9622	5.00	4.68	
11 Dichlorofluoromethane	67	1.067	1.067	0.000	98	25691	5.00	5.12	
12 Trichlorofluoromethane	101	1.098	1.098	0.000	96	25742	5.00	5.25	
13 Pentane	72	1.135	1.135	0.000	93	5241	10.0	9.09	
14 Ethanol	45	1.196	1.196	0.000	54	2630	200.0	255.1	
15 1,2-Dichloro-1,1,2-trifluo	117	1.238	1.238	0.000	90	13295	5.00	4.60	
16 Ethyl ether	59	1.238	1.238	0.000	52	10805	5.00	4.94	
17 2-Methyl-1,3-butadiene	53	1.244	1.244	0.000	82	10481	5.00	4.52	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.269	1.269	0.000	86	22232	5.00	5.19	a
19 Acrolein	56	1.299	1.299	0.000	90	4713	20.0	23.8	
20 1,1-Dichloroethene	96	1.342	1.342	0.000	96	14097	5.00	5.08	a
21 1,1,2-Trichloro-1,2,2-trif	101	1.348	1.348	0.000	78	15029	5.00	4.73	
22 Acetone	43	1.378	1.378	0.000	85	14383	25.0	24.0	
23 Iodomethane	142	1.421	1.421	0.000	99	18173	5.00	4.65	
24 Carbon disulfide	76	1.452	1.452	0.000	99	44339	5.00	5.09	
25 Isopropyl alcohol	45	1.464	1.464	0.000	40	6197	50.0	51.4	
26 Acetonitrile	40	1.531	1.531	0.000	80	6603	50.0	50.0	
27 3-Chloro-1-propene	76	1.537	1.537	0.000	92	8714	5.00	4.93	
28 Methyl acetate	43	1.555	1.555	0.000	95	14540	10.0	9.33	
29 Cyclopentene	67	1.580	1.580	0.000	97	32295	5.00	4.89	
30 Methylene Chloride	84	1.604	1.604	0.000	83	14483	5.00	4.85	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.634	1.634	0.000	99	43360	1000.0	1000.0	
40 2-Methyl-2-propanol	59	1.683	1.683	0.000	84	13685	50.0	52.2	a
32 Acrylonitrile	53	1.744	1.744	0.000	94	41259	50.0	50.6	
33 trans-1,2-Dichloroethene	96	1.756	1.756	0.000	90	15904	5.00	5.00	a
34 Methyl tert-butyl ether	73	1.769	1.769	0.000	96	41994	5.00	5.18	
35 Hexane	57	1.933	1.933	0.000	90	15613	5.00	4.47	
36 1,1-Dichloroethane	63	2.012	2.012	0.000	93	25215	5.00	5.16	
37 Vinyl acetate	86	2.061	2.061	0.000	99	6747	10.0	9.89	
38 2-Chloro-1,3-butadiene	88	2.073	2.073	0.000	75	14967	5.00	4.93	
39 Isopropyl ether	45	2.073	2.073	0.000	73	37115	5.00	5.11	
41 Tert-butyl ethyl ether	59	2.323	2.323	0.000	91	41350	5.00	5.03	a
* 42 2-Butanone-d5	46	2.384	2.384	0.000	97	253145	250.0	250.0	
43 2,2-Dichloropropane	97	2.403	2.403	0.000	62	5424	5.00	4.42	a
44 cis-1,2-Dichloroethene	96	2.409	2.409	0.000	64	16707	5.00	4.73	a
45 2-Butanone (MEK)	43	2.427	2.427	0.000	96	19718	25.0	23.1	
46 Propionitrile	54	2.470	2.470	0.000	95	15460	50.0	47.7	
47 Ethyl acetate	70	2.488	2.488	0.000	97	3101	10.0	10.8	
48 Isopropyl acetate	61	2.488	2.488	0.000	93	4379	5.00	5.29	
55 Methyl acrylate	55	2.506	2.506	0.000	93	12446	5.00	5.03	a
50 Chlorobromomethane	128	2.579	2.579	0.000	49	8785	5.00	5.15	
49 Methacrylonitrile	67	2.579	2.579	0.000	86	56194	50.0	50.5	
51 Tetrahydrofuran	72	2.622	2.622	0.000	62	4125	10.0	10.1	
52 Chloroform	83	2.646	2.646	0.000	99	27070	5.00	5.06	
$ 53 Dibromofluoromethane (Surr	113	2.768	2.768	0.000	95	156168	50.0	50.1	
54 1,1,1-Trichloroethane	97	2.781	2.781	0.000	43	24837	5.00	4.93	
56 Cyclohexane	84	2.823	2.823	0.000	86	21666	5.00	4.98	
57 Carbon tetrachloride	117	2.915	2.915	0.000	95	23265	5.00	4.93	
58 1,1-Dichloropropene	75	2.915	2.915	0.000	95	21104	5.00	4.93	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	96	160997	50.0	52.3	
60 Isobutyl alcohol	43	3.073	3.073	0.000	50	10037	125.0	129.0	
61 Benzene	78	3.079	3.079	0.000	96	61808	5.00	5.02	
62 1,2-Dichloroethane	62	3.104	3.104	0.000	78	18640	5.00	4.95	
63 Isooctane	57	3.177	3.177	0.000	98	31038	5.00	4.88	
64 Tert-amyl methyl ether	73	3.213	3.213	0.000	83	41791	5.00	5.15	
* 65 Fluorobenzene	96	3.335	3.335	0.000	99	543441	50.0	50.0	
66 n-Heptane	43	3.354	3.354	0.000	42	11363	5.00	4.64	a
67 Trichloroethene	95	3.671	3.671	0.000	97	18280	5.00	4.73	
68 n-Butanol	56	3.695	3.695	0.000	71	7654	125.0	124.5	
69 Ethyl acrylate	55	3.841	3.841	0.000	96	32136	5.00	4.95	
70 Methylcyclohexane	83	3.854	3.854	0.000	87	22943	5.00	4.81	
71 1,2-Dichloropropane	63	3.884	3.884	0.000	86	14486	5.00	5.14	
72 Dibromomethane	93	4.000	4.000	0.000	72	10102	5.00	4.91	
* 73 1,4-Dioxane-d8	96	4.000	4.000	0.000	45	29286	1000.0	1000.0	
74 1,4-Dioxane	88	4.055	4.055	0.000	34	3010	100.0	106.9	
75 Methyl methacrylate	100	4.067	4.067	0.000	78	8861	10.0	10.0	a
76 n-Propyl acetate	43	4.152	4.152	0.000	94	14768	5.00	4.80	a
77 Dichlorobromomethane	83	4.183	4.183	0.000	98	19940	5.00	4.77	
78 2-Nitropropane	41	4.439	4.439	0.000	98	6429	10.0	9.47	a
79 2-Chloroethyl vinyl ether	63	4.555	4.555	0.000	87	10024	5.01	4.99	
80 Epichlorohydrin	57	4.597	4.597	0.000	97	25480	100.0	98.7	
85 cis-1,3-Dichloropropene	75	4.683	4.683	0.000	90	23668	5.00	4.92	a
82 4-Methyl-2-pentanone (MIBK	43	4.902	4.902	0.000	94	51061	25.0	24.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.981	4.981	0.000	99	564324	50.0	50.0	
84 Toluene	91	5.055	5.055	0.000	93	66207	5.00	4.98	
81 trans-1,3-Dichloropropene	75	5.365	5.365	0.000	95	22368	5.00	4.97	a
86 Ethyl methacrylate	69	5.554	5.554	0.000	85	17136	5.00	4.83	a
87 1,1,2-Trichloroethane	83	5.579	5.579	0.000	92	10664	5.00	4.72	
88 Tetrachloroethene	166	5.719	5.719	0.000	92	15529	5.00	4.71	
89 1,3-Dichloropropane	76	5.774	5.774	0.000	91	21850	5.00	5.03	
90 2-Hexanone	43	5.969	5.969	0.000	91	35418	25.0	25.1	
91 Chlorodibromomethane	129	6.054	6.054	0.000	91	16268	5.00	4.89	
92 Ethylene Dibromide	107	6.164	6.164	0.000	92	14655	5.00	4.81	
93 n-Butyl acetate	43	6.195	6.195	0.000	93	16921	5.00	5.09	
* 94 Chlorobenzene-d5	117	6.835	6.835	0.000	85	426605	50.0	50.0	
95 Chlorobenzene	112	6.871	6.871	0.000	93	42064	5.00	4.89	
96 1,1,1,2-Tetrachloroethane	131	7.018	7.018	0.000	93	15445	5.00	5.07	
97 Ethylbenzene	106	7.079	7.079	0.000	98	22358	5.00	4.94	
98 m-Xylene & p-Xylene	106	7.261	7.261	0.000	96	26614	5.00	4.91	
99 o-Xylene	106	7.828	7.828	0.000	93	25167	5.00	4.85	
100 Styrene	104	7.865	7.865	0.000	93	43365	5.00	4.97	
101 n-Butyl acrylate	73	7.956	7.956	0.000	94	9692	5.00	4.81	
102 Bromoform	173	8.078	8.078	0.000	89	9852	5.00	5.01	
103 Amyl acetate (mixed isomer	43	8.347	8.347	0.000	93	16850	5.00	4.82	
104 Isopropylbenzene	105	8.432	8.432	0.000	95	65014	5.00	5.05	a
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	158250	50.0	49.5	
106 Bromobenzene	156	8.792	8.792	0.000	94	14958	5.00	4.83	
107 1,1,2,2-Tetrachloroethane	83	8.950	8.950	0.000	87	13344	5.00	4.92	
108 1,2,3-Trichloropropane	110	8.956	8.956	0.000	88	5388	5.00	5.07	
109 trans-1,4-Dichloro-2-buten	53	9.048	9.048	0.000	83	5333	5.00	5.75	
110 N-Propylbenzene	91	9.084	9.084	0.000	99	77620	5.00	5.07	
111 2-Chlorotoluene	91	9.145	9.145	0.000	95	43082	5.00	4.97	
112 4-Ethyltoluene	105	9.285	9.285	0.000	98	62724	5.00	5.16	a
113 4-Chlorotoluene	91	9.334	9.334	0.000	98	40663	5.00	4.88	
114 1,3,5-Trimethylbenzene	105	9.401	9.401	0.000	92	49697	5.00	5.00	a
115 Butyl Methacrylate	87	9.712	9.712	0.000	85	17378	5.00	4.87	
116 tert-Butylbenzene	119	9.907	9.907	0.000	93	42507	5.00	4.92	a
117 1,2,4-Trimethylbenzene	105	9.987	9.987	0.000	98	50413	5.00	4.92	a
118 sec-Butylbenzene	105	10.273	10.273	0.000	98	59177	5.00	5.00	a
119 1,3-Dichlorobenzene	146	10.352	10.352	0.000	93	26246	5.00	4.94	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	96	195871	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.511	10.511	0.000	67	26452	5.00	4.83	
122 p-Diethylbenzene	119	10.554	10.554	0.000	75	48591	5.00	4.97	a
123 1,2,3-Trimethylbenzene	105	10.657	10.657	0.000	99	50399	5.00	5.23	
127 Benzyl chloride	91	10.779	10.779	0.000	97	31527	5.00	4.95	a
124 2,3-Dihydroindene	117	10.932	10.932	0.000	92	48907	5.00	5.01	
125 1,2-Dichlorobenzene	146	11.102	11.102	0.000	93	24532	5.00	4.89	
126 4-Isopropyltoluene	119	11.200	11.200	0.000	81	26319	5.00	4.95	a
128 n-Butylbenzene	92	11.230	11.230	0.000	97	24253	5.00	4.94	
129 1,2-Dibromo-3-Chloropropan	75	12.163	12.163	0.000	76	2960	5.00	5.16	
130 1,2,4,5-Tetramethylbenzene	119	12.200	12.200	0.000	95	41117	5.00	5.07	
131 1,3,5-Trichlorobenzene	180	12.401	12.401	0.000	94	13066	5.00	4.88	
132 1,2,4-Trichlorobenzene	180	13.010	13.010	0.000	92	11466	5.00	4.85	
133 Hexachlorobutadiene	225	13.205	13.205	0.000	47	4166	5.00	4.77	
134 Naphthalene	128	13.212	13.212	0.000	99	37956	5.00	4.80	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.431	13.431	0.000	92	9610	5.00	4.52	
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.73	
S 137 Xylenes, Total	100				0		10.0	9.76	
S 138 Total BTEX	1				0		25.0	24.7	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.89	
S 140 Total 1,2-dichloroethene	1				0			9.73	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

524freon_00012	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00105	Amount Added:	10.00	Units: uL	
ACROLEIN W_00096	Amount Added:	4.00	Units: uL	
GASES Li_00335	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00028	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 04-Oct-2019 20:38:19 Chrom Revision: 2.3 17-Sep-2019 16:19:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D

Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15

Lims ID: STD5

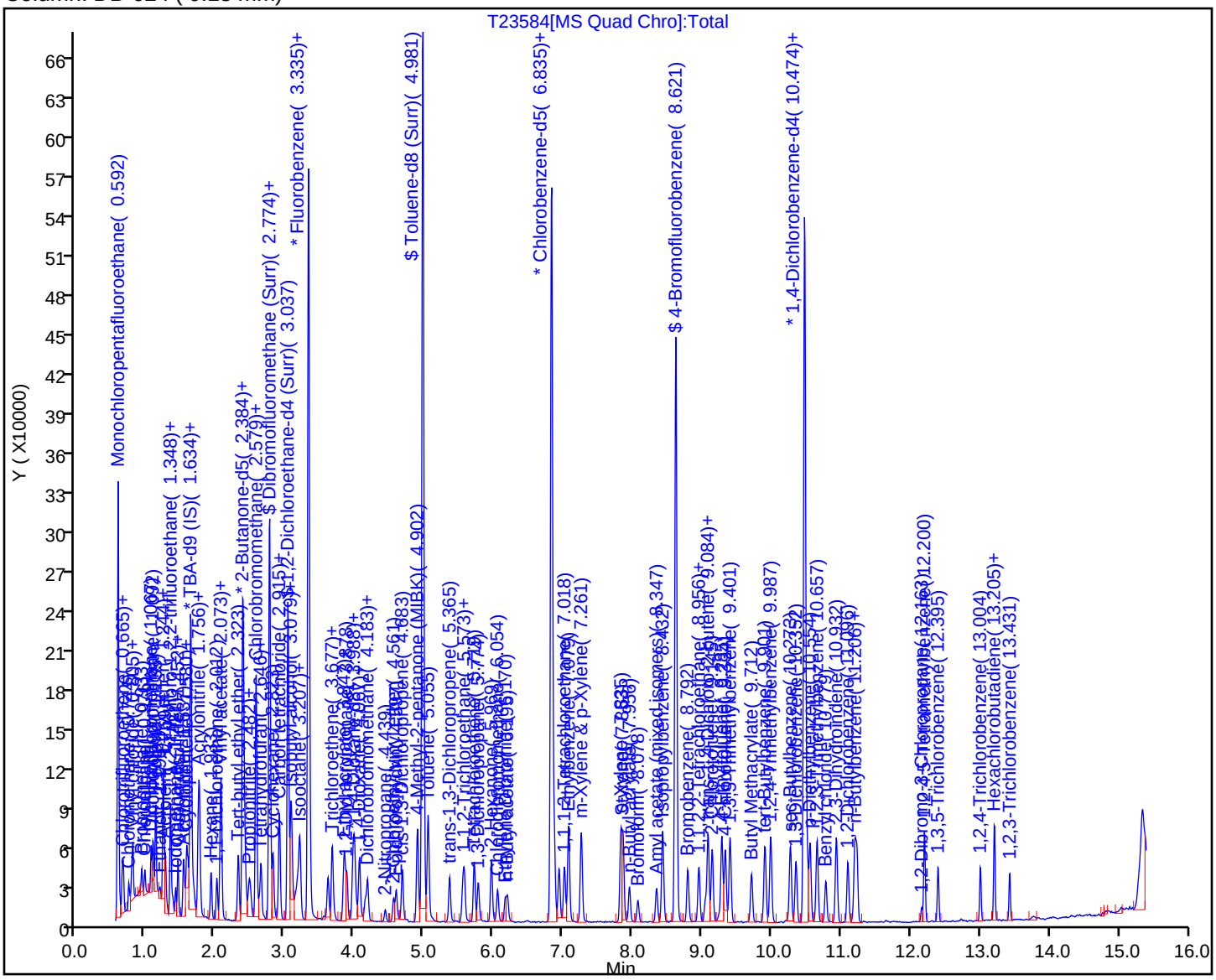
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

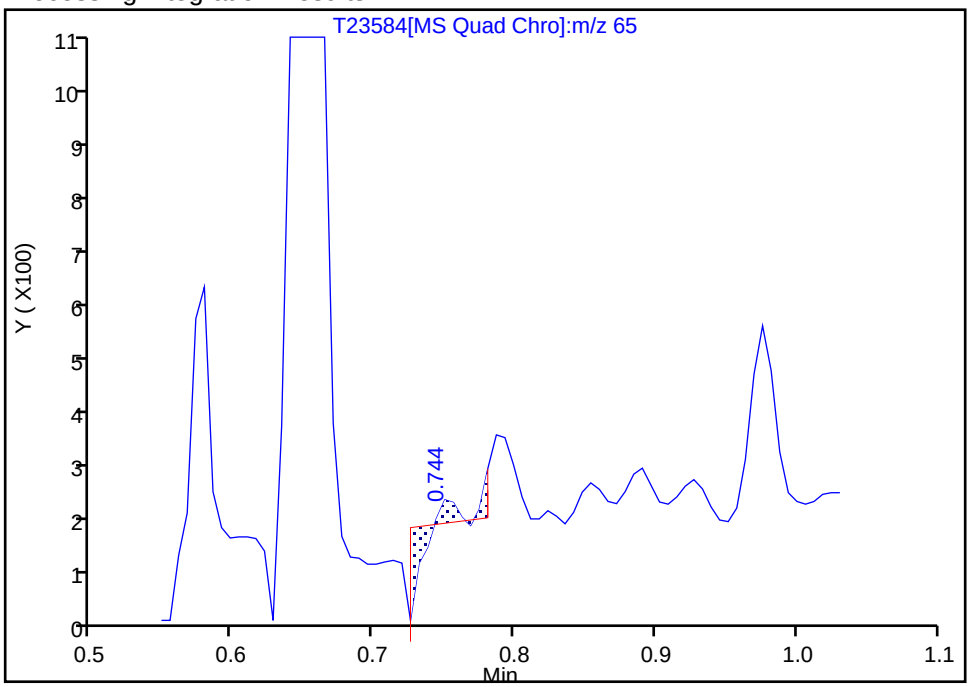
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

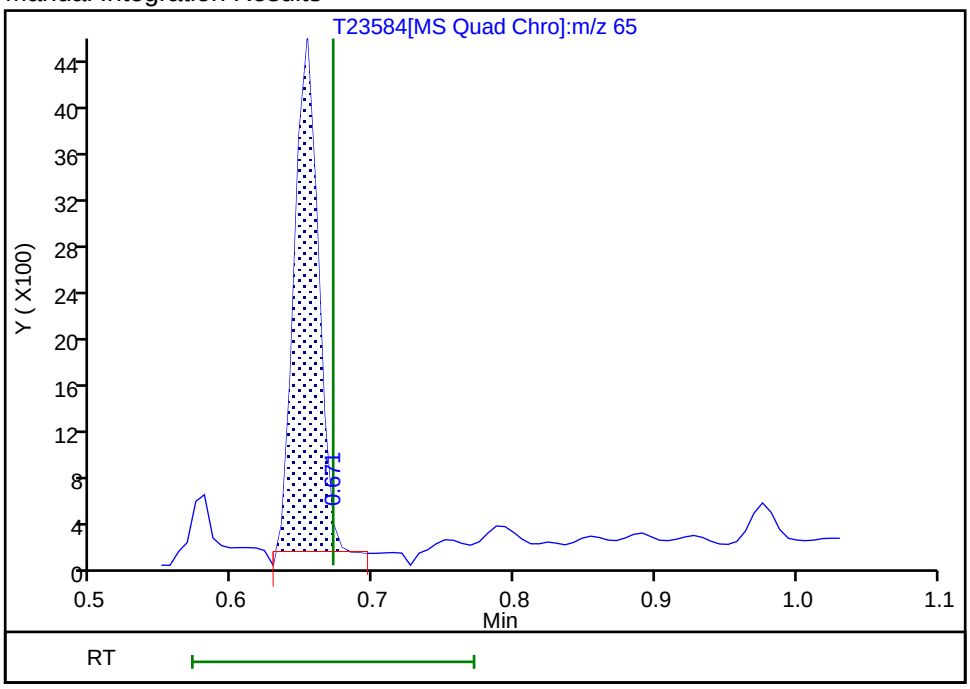
Processing Integration Results

RT: 0.74
Area: 545
Amount: 0.110483
Amount Units: ug/l



Manual Integration Results

RT: 0.67
Area: 19836
Amount: 4.072020
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:36:57
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

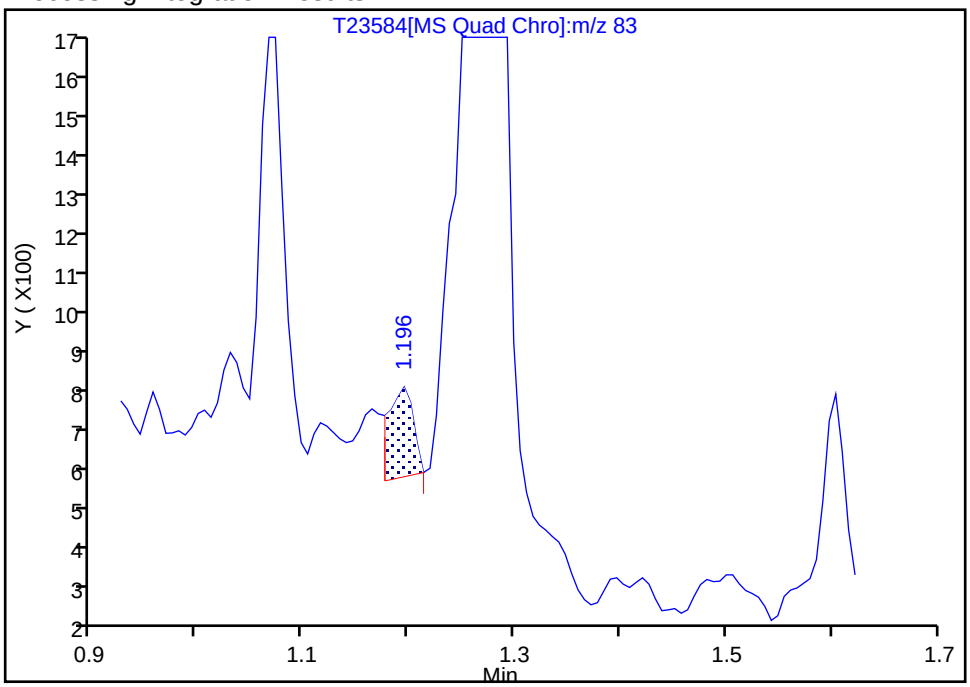
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

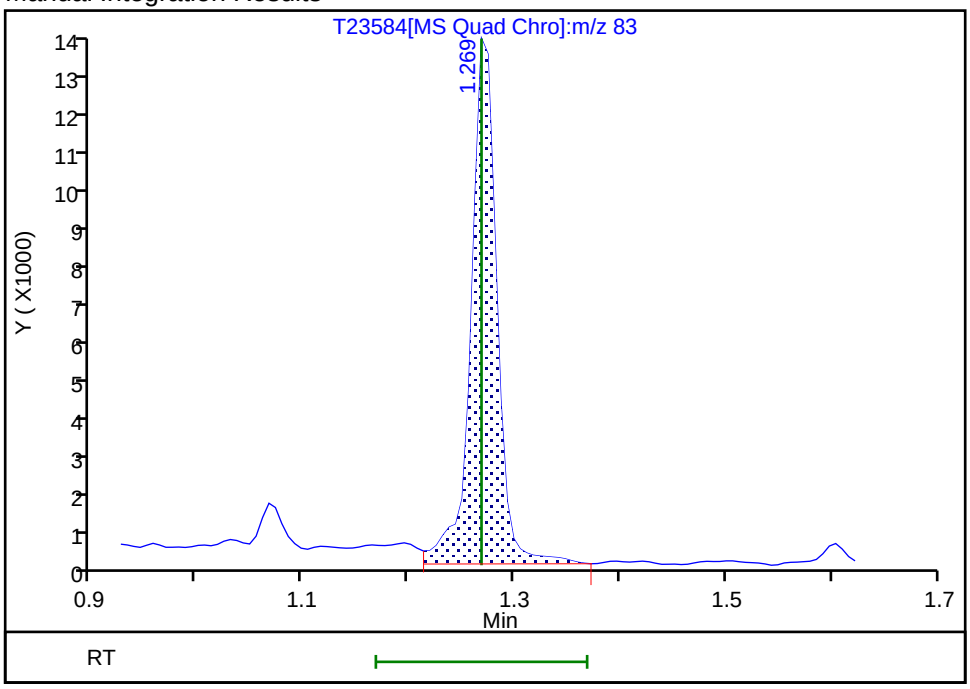
Processing Integration Results

RT: 1.20
Area: 356
Amount: 0.075440
Amount Units: ug/l



Manual Integration Results

RT: 1.27
Area: 22232
Amount: 5.193408
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:37:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

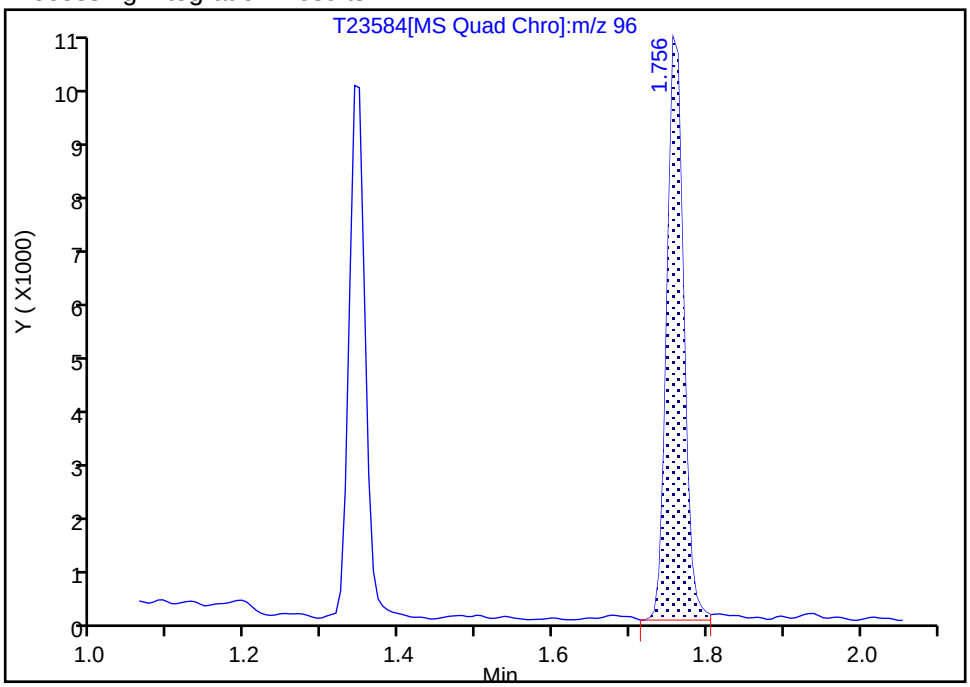
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

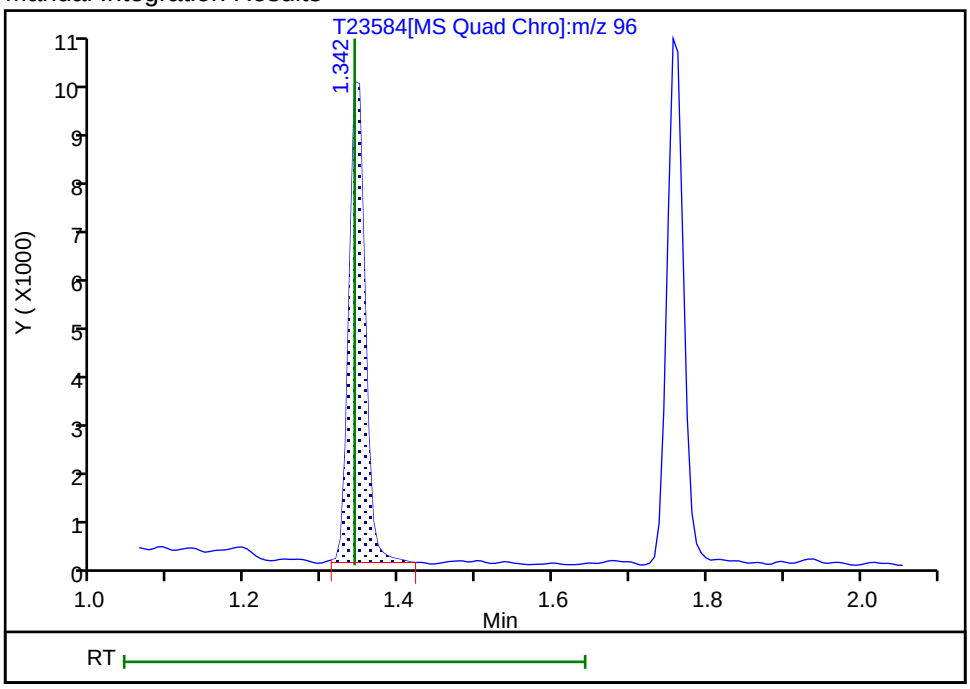
Processing Integration Results

RT: 1.76
Area: 15904
Amount: 5.295909
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 14097
Amount: 5.075643
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:37:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

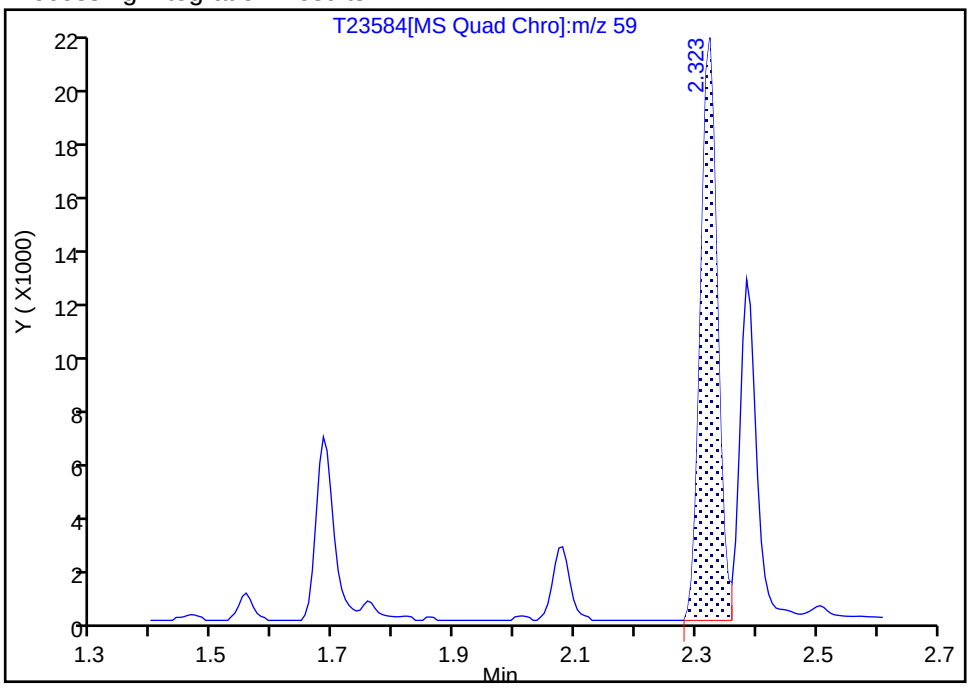
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D		
Injection Date:	03-Oct-2019 23:55:06	Instrument ID:	CVOAMS15
Lims ID:	STD5		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

40 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

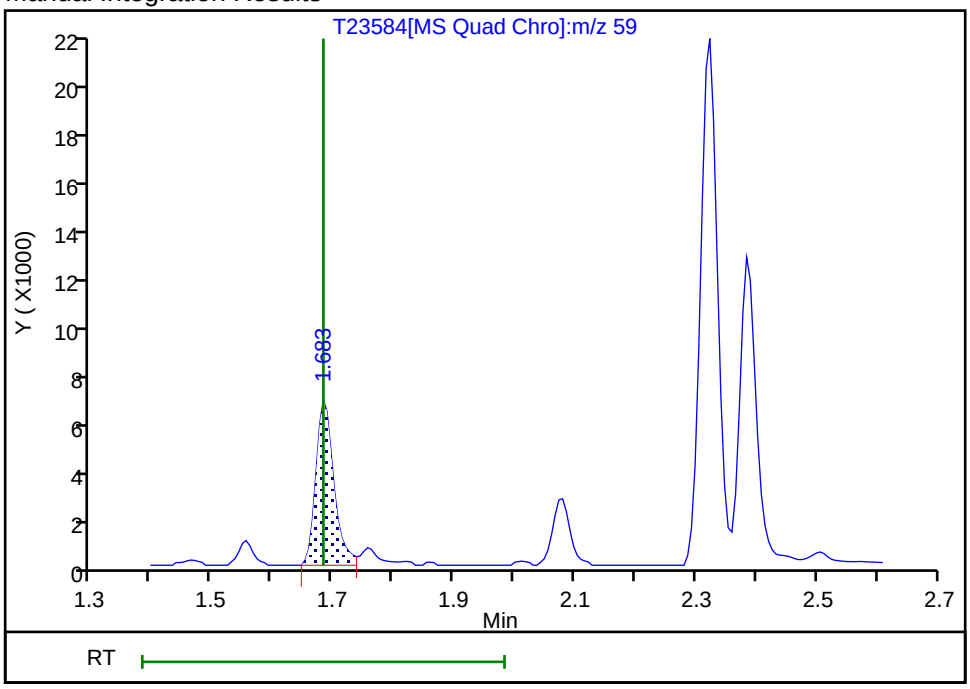
Processing Integration Results

RT: 2.32
Area: 41350
Amount: 167.3042
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 13685
Amount: 52.208807
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:39:41

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

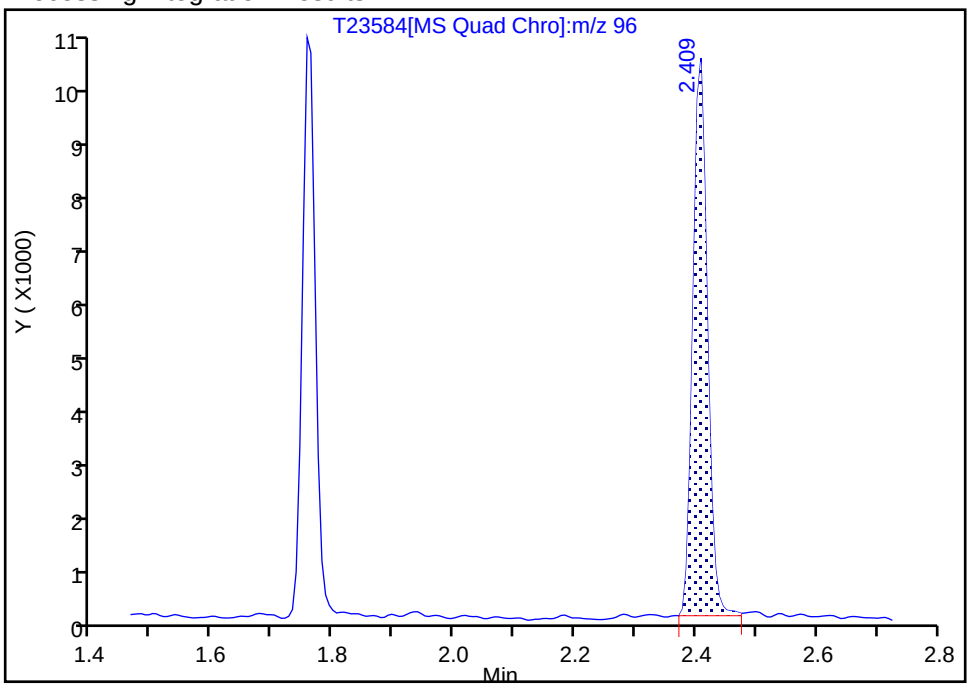
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

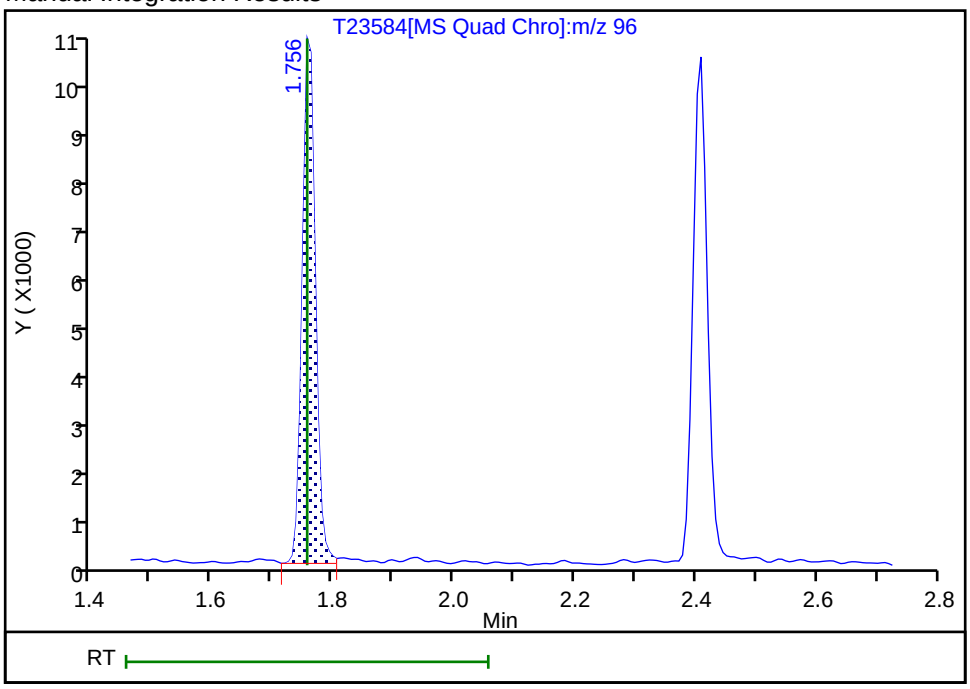
Processing Integration Results

RT: 2.41
Area: 16707
Amount: 4.906732
Amount Units: ug/l



Manual Integration Results

RT: 1.76
Area: 15904
Amount: 5.003164
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:37:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

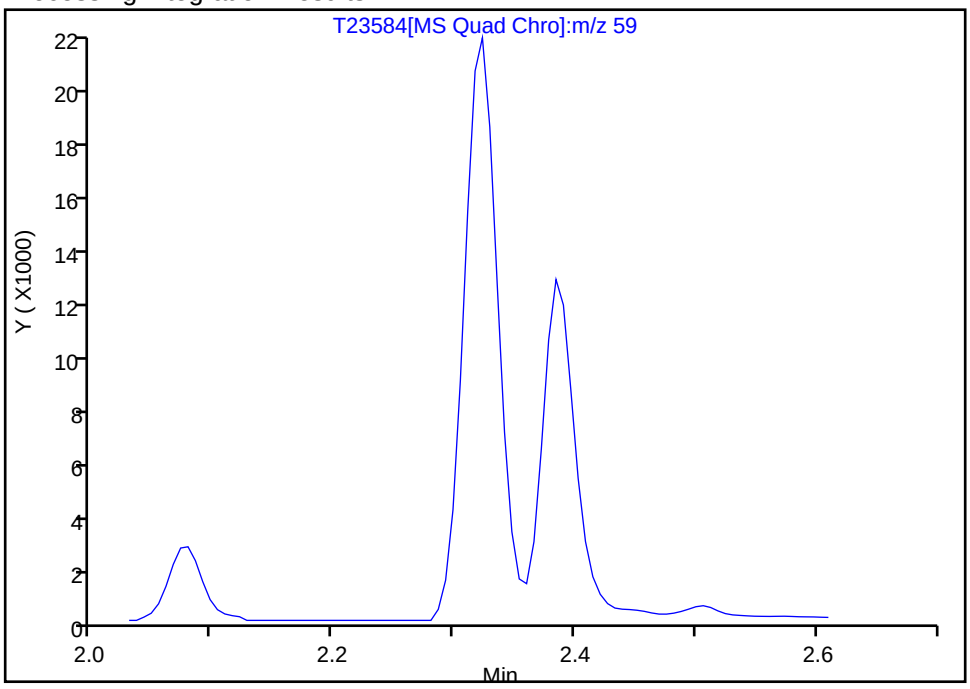
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D		
Injection Date:	03-Oct-2019 23:55:06	Instrument ID:	CVOAMS15
Lims ID:	STD5		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

41 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

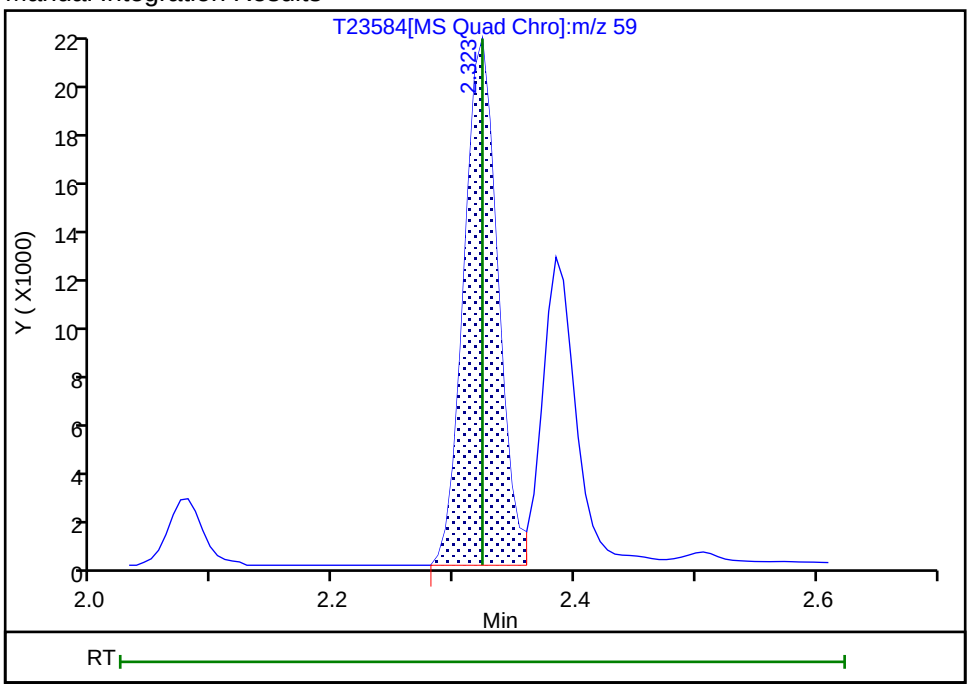
Not Detected
Expected RT: 2.32

Processing Integration Results



Manual Integration Results

RT: 2.32
Area: 41350
Amount: 5.031391
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:37:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

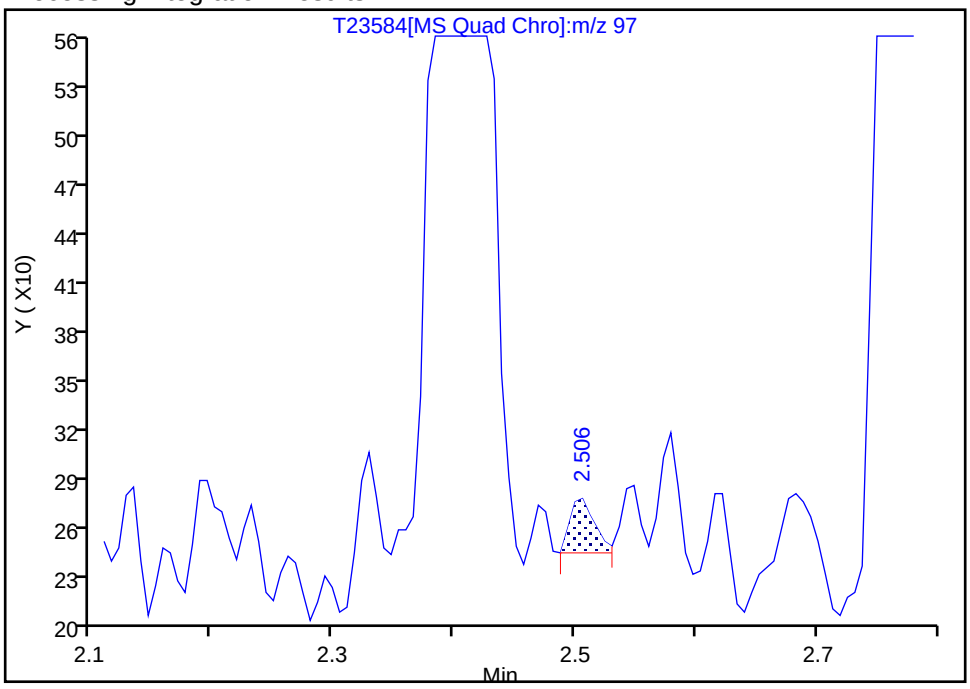
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

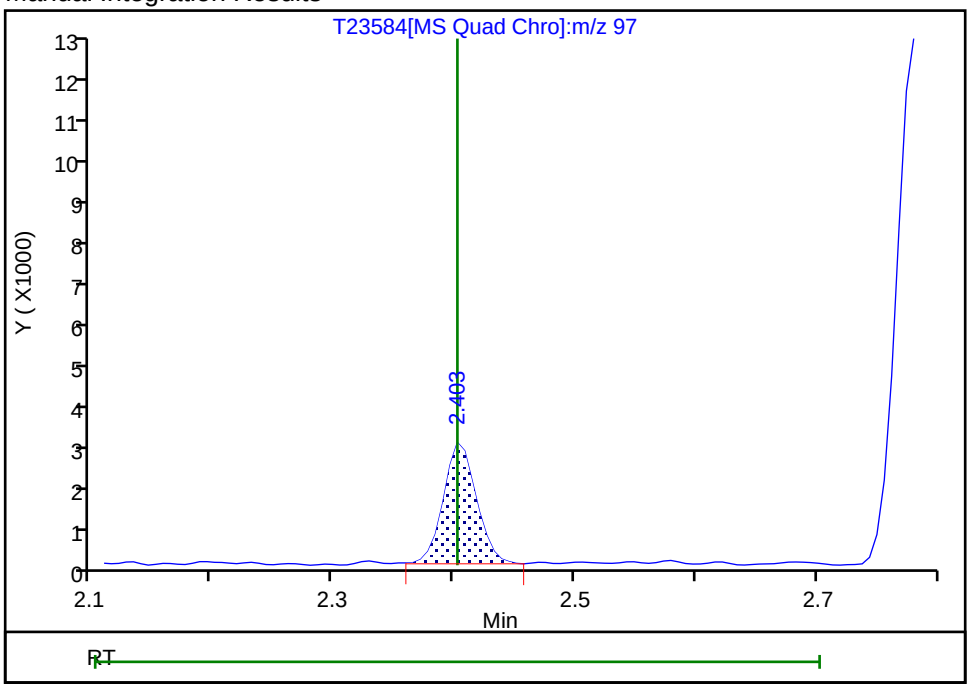
Processing Integration Results

RT: 2.51
Area: 47
Amount: 0.038358
Amount Units: ug/l



Manual Integration Results

RT: 2.40
Area: 5424
Amount: 4.423811
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:37:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

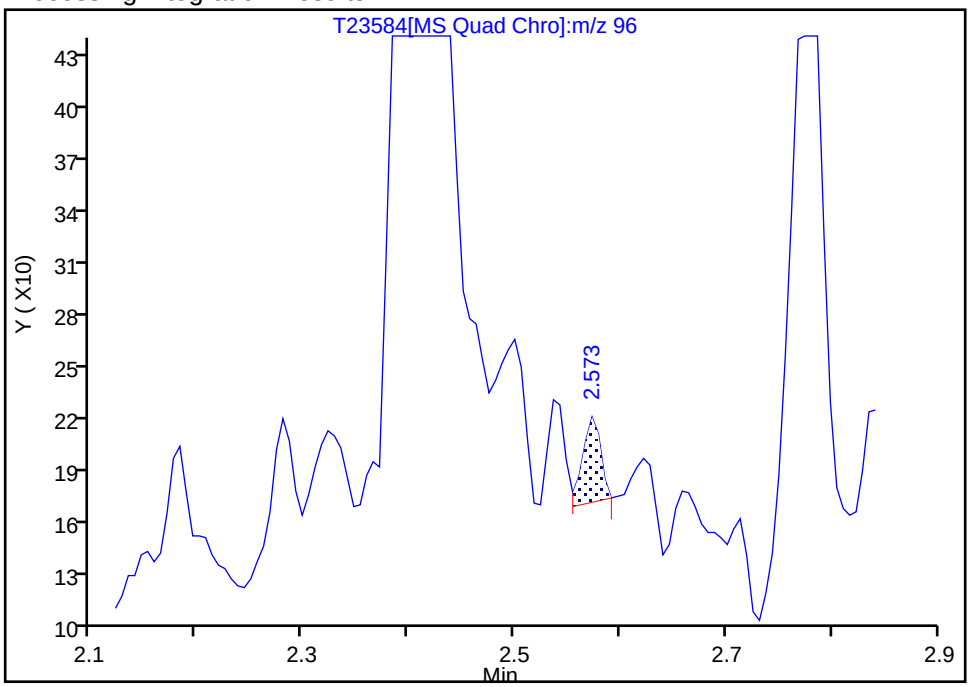
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

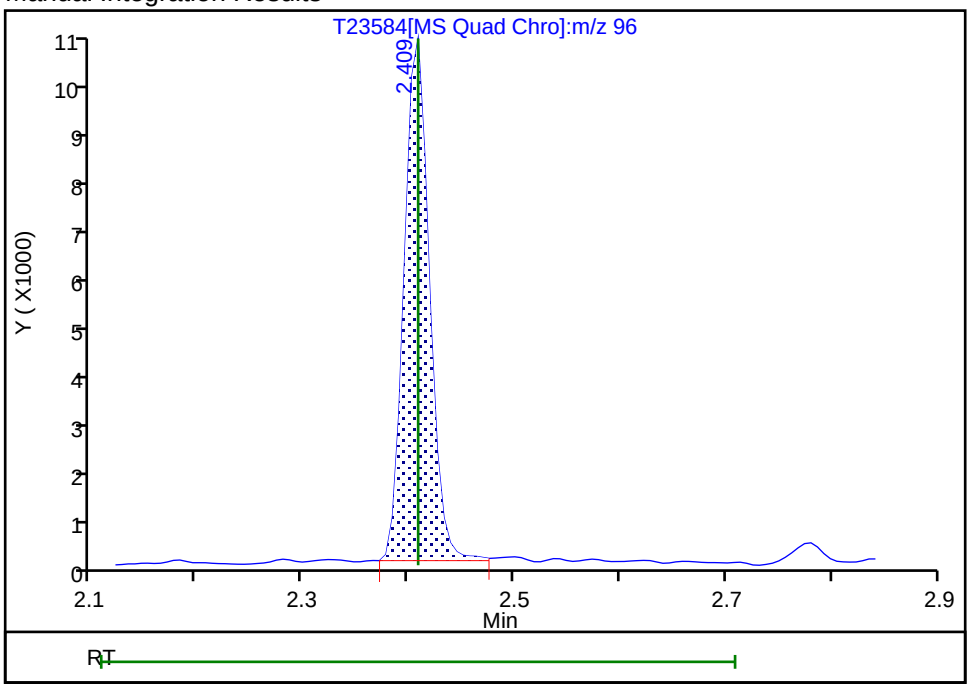
Processing Integration Results

RT: 2.57
Area: 59
Amount: 0.015708
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 16707
Amount: 4.730635
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:37:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

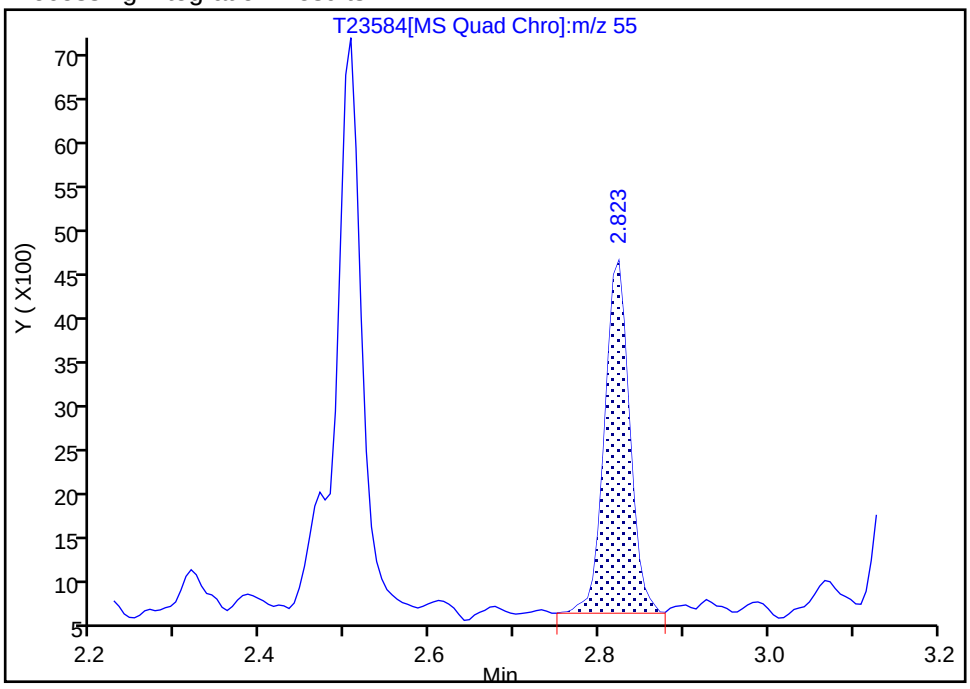
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

55 Methyl acrylate, CAS: 96-33-3

Signal: 1

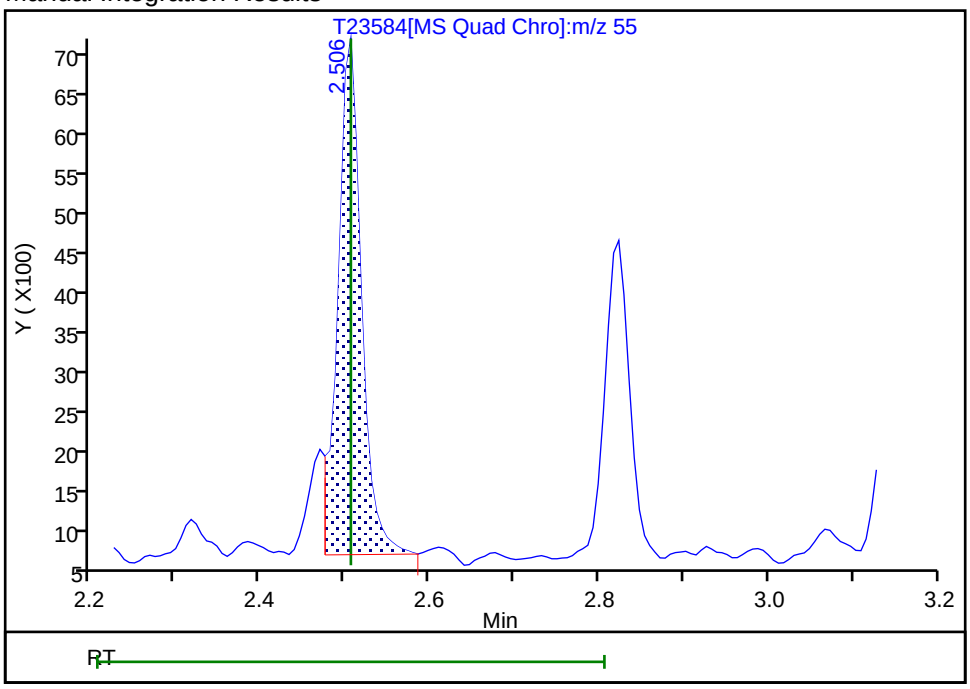
Processing Integration Results

RT: 2.82
Area: 8150
Amount: 3.294488
Amount Units: ug/l



Manual Integration Results

RT: 2.51
Area: 12446
Amount: 5.026216
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:39:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

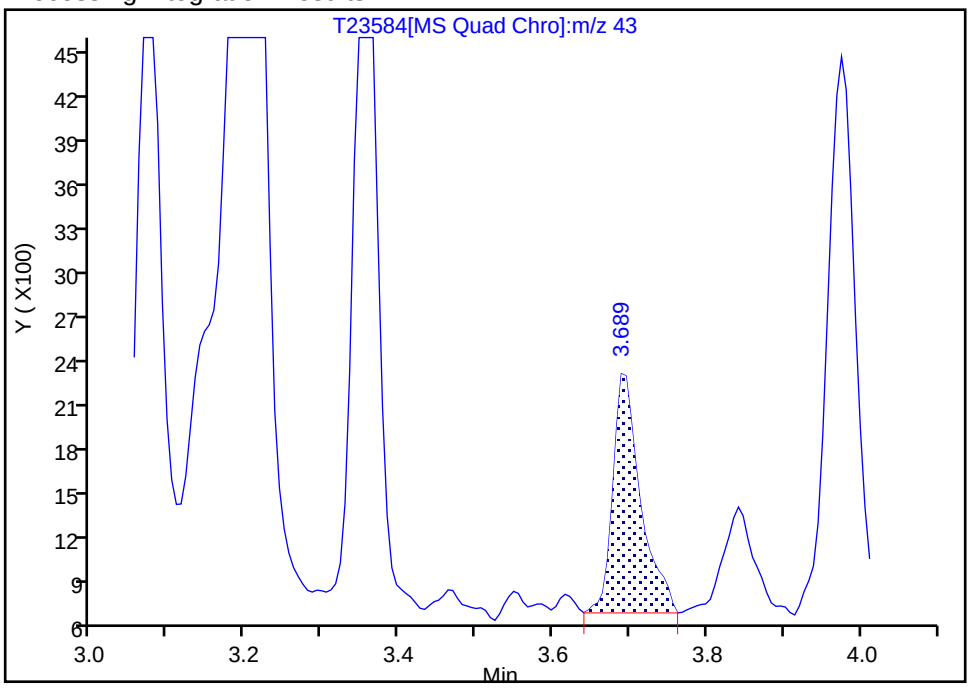
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D				
Injection Date:	03-Oct-2019 23:55:06	Instrument ID:	CVOAMS15		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

66 n-Heptane, CAS: 142-82-5

Signal: 1

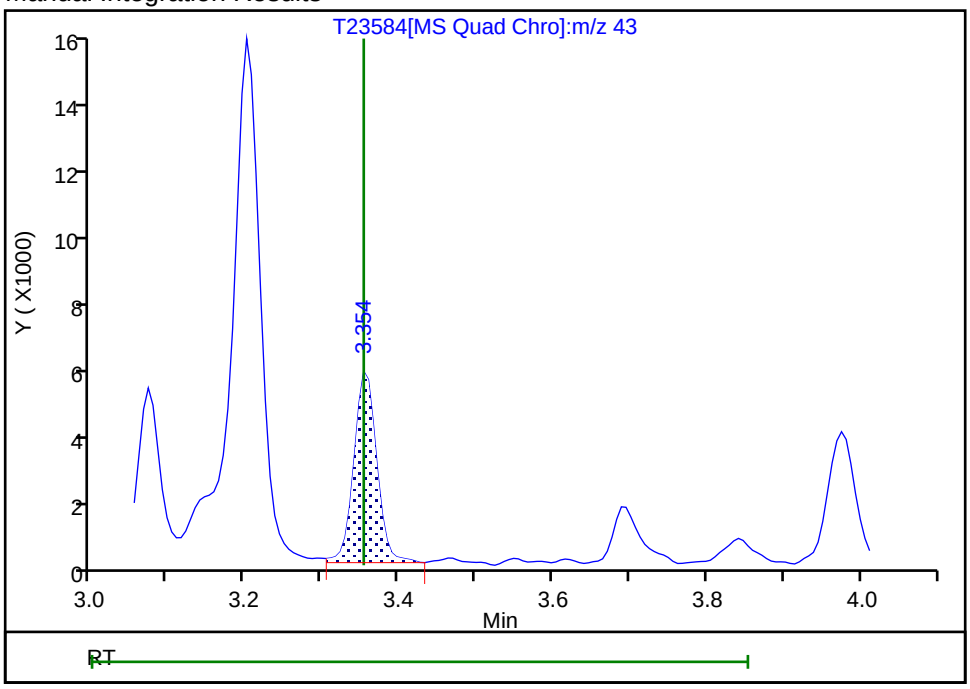
Processing Integration Results

RT: 3.69
Area: 4075
Amount: 3.992336
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 11363
Amount: 4.642052
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:38:01

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

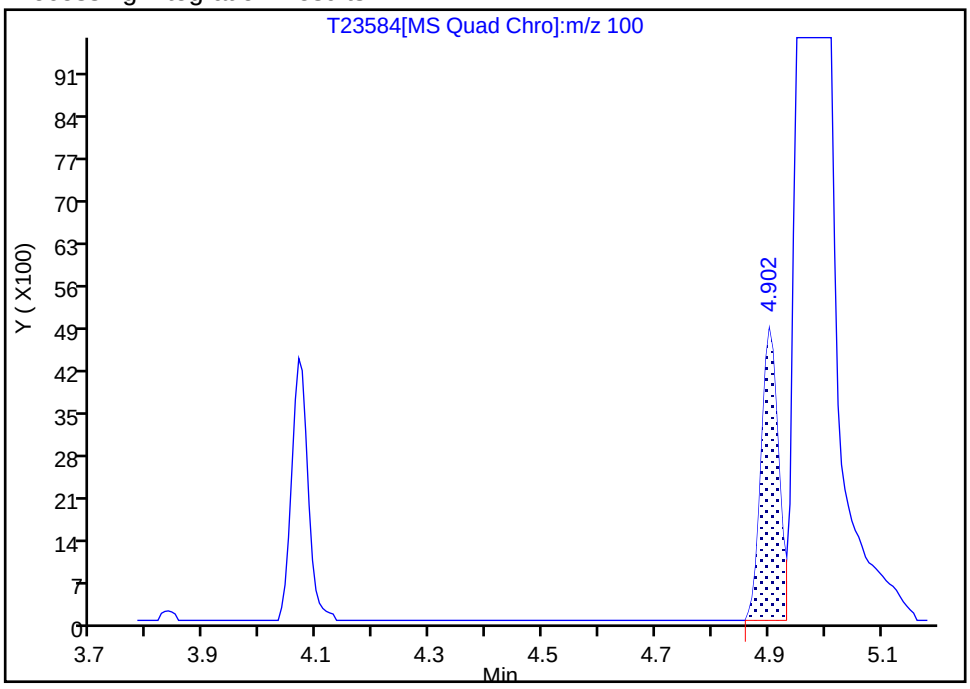
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 Methyl methacrylate, CAS: 80-62-6

Signal: 1

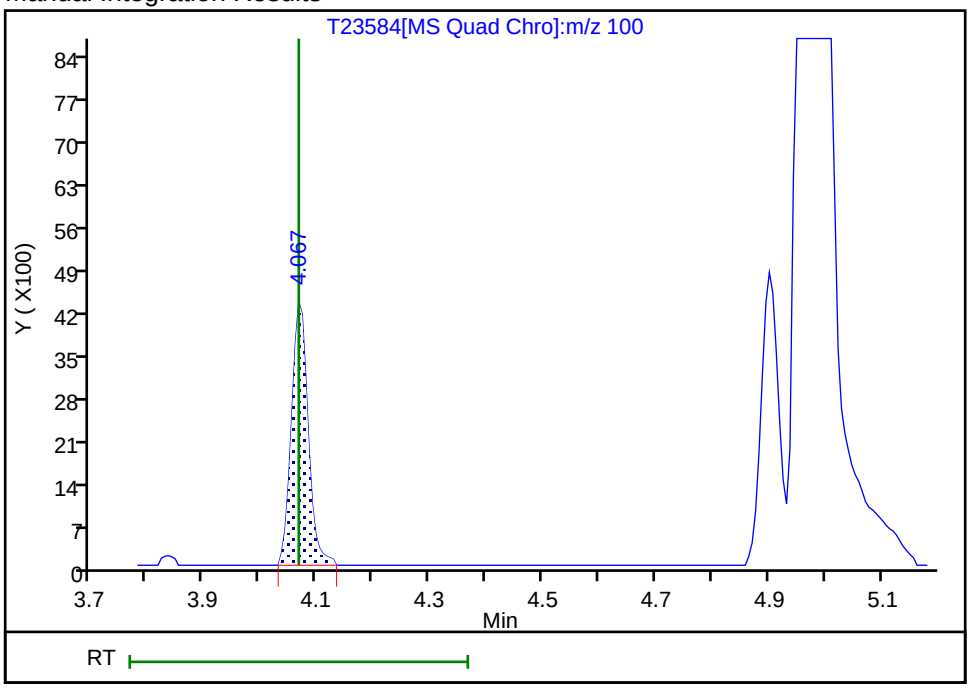
Processing Integration Results

RT: 4.90
Area: 10411
Amount: 0.131094
Amount Units: ug/l



Manual Integration Results

RT: 4.07
Area: 8861
Amount: 9.999809
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:45:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

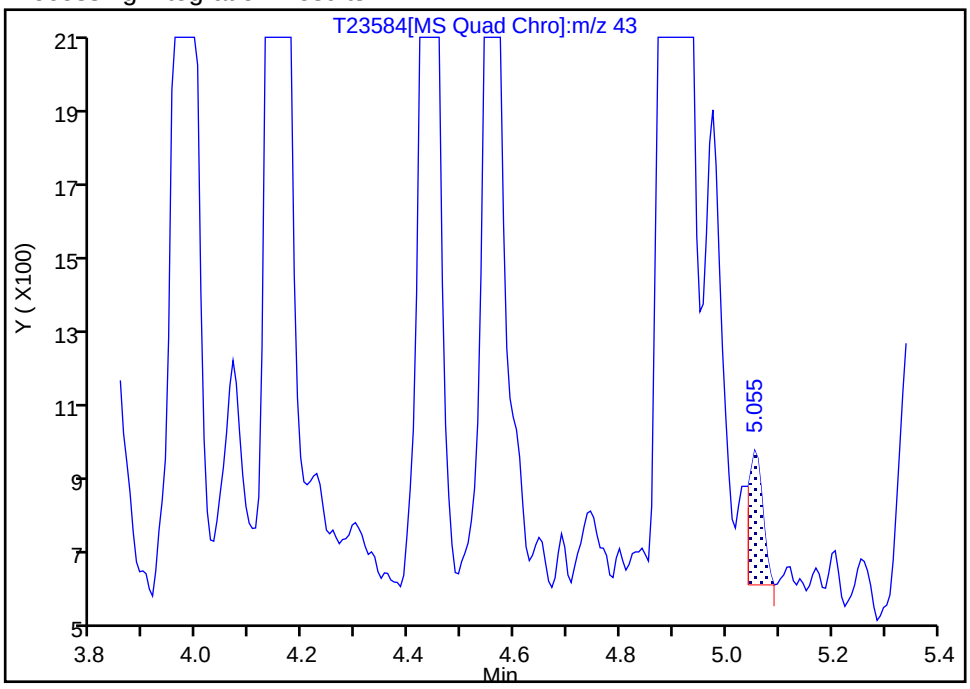
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D		
Injection Date:	03-Oct-2019 23:55:06	Instrument ID:	CVOAMS15
Lims ID:	STD5		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

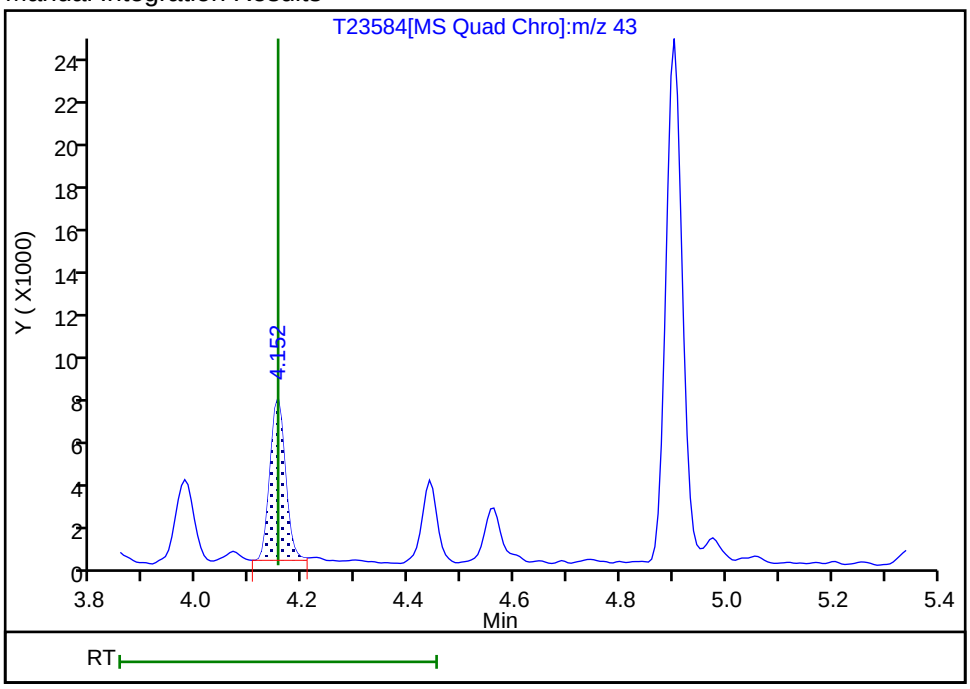
Processing Integration Results

RT: 5.05
Area: 593
Amount: 0.216721
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 14768
Amount: 4.803479
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:45:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

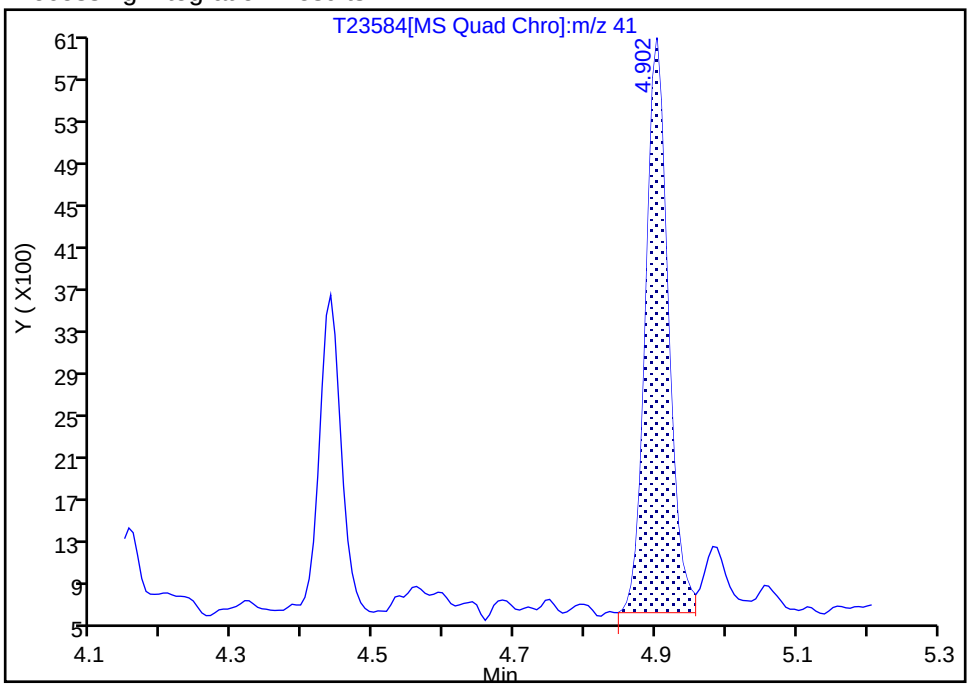
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

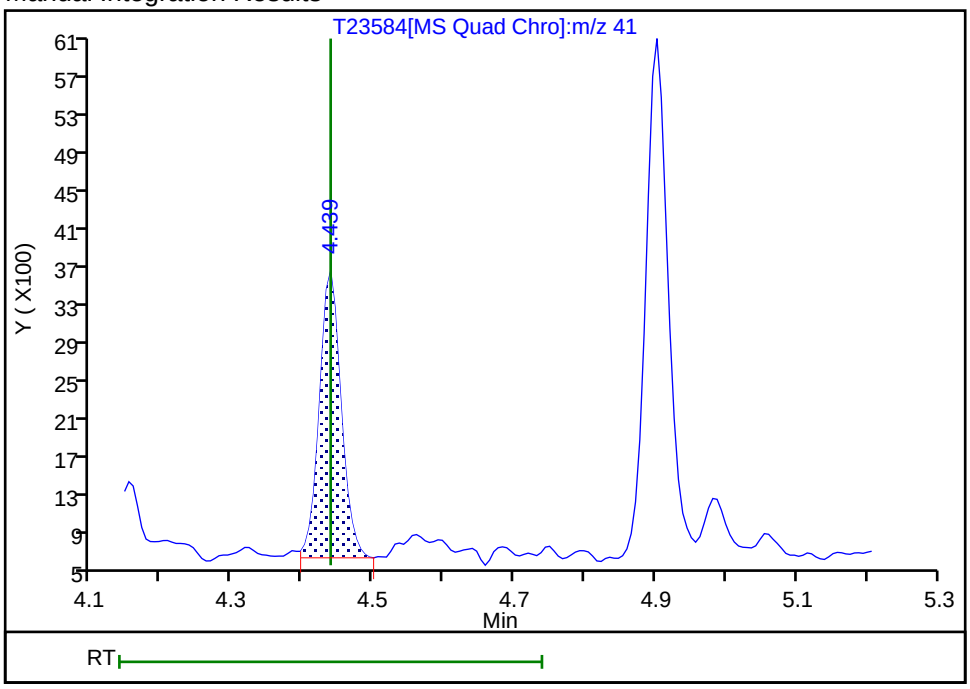
Processing Integration Results

RT: 4.90
Area: 12176
Amount: 9.507307
Amount Units: ug/l



Manual Integration Results

RT: 4.44
Area: 6429
Amount: 9.472225
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:45:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

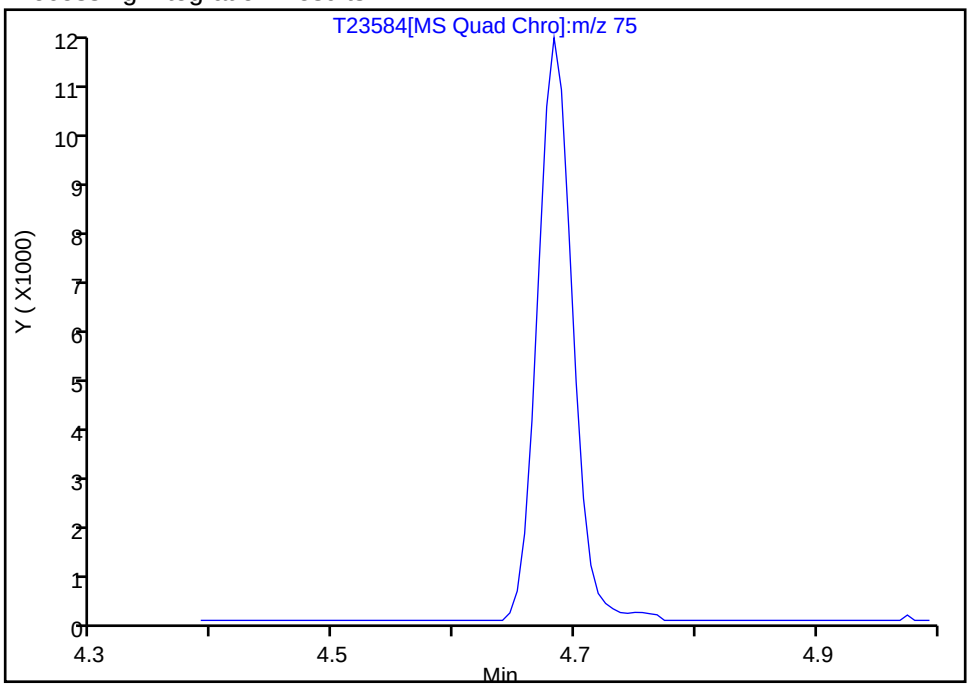
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

85 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

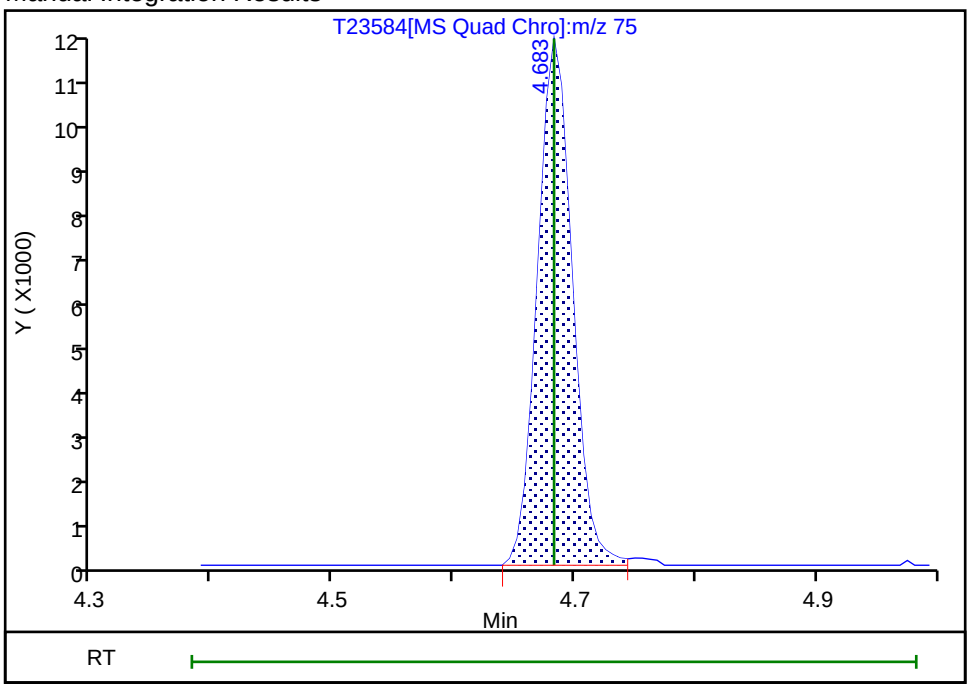
Not Detected
Expected RT: 4.68

Processing Integration Results



Manual Integration Results

RT: 4.68
Area: 23668
Amount: 4.921931
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:36:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

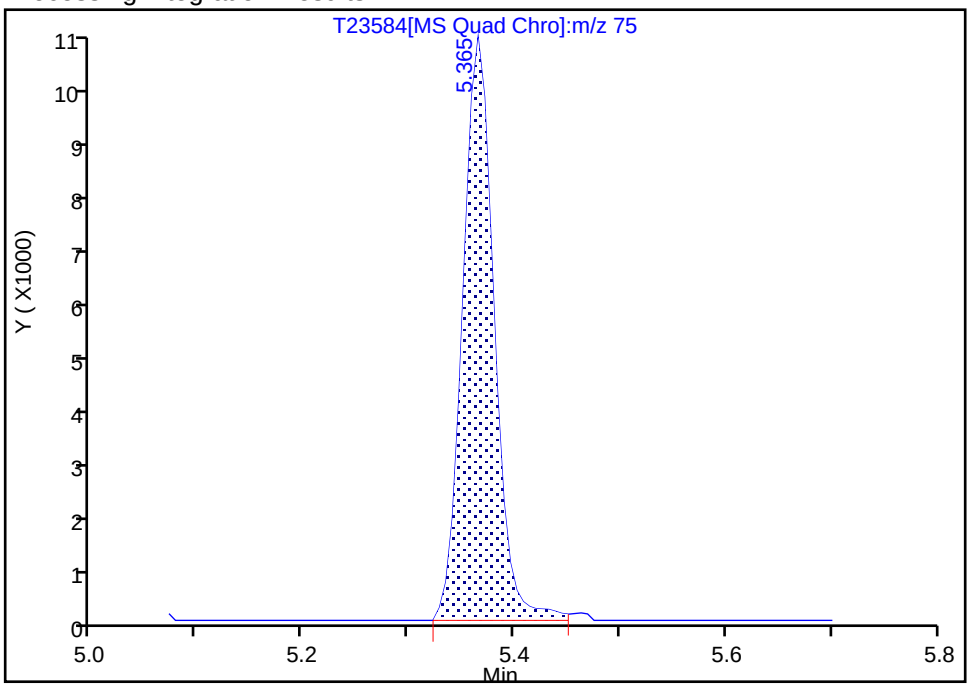
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

81 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

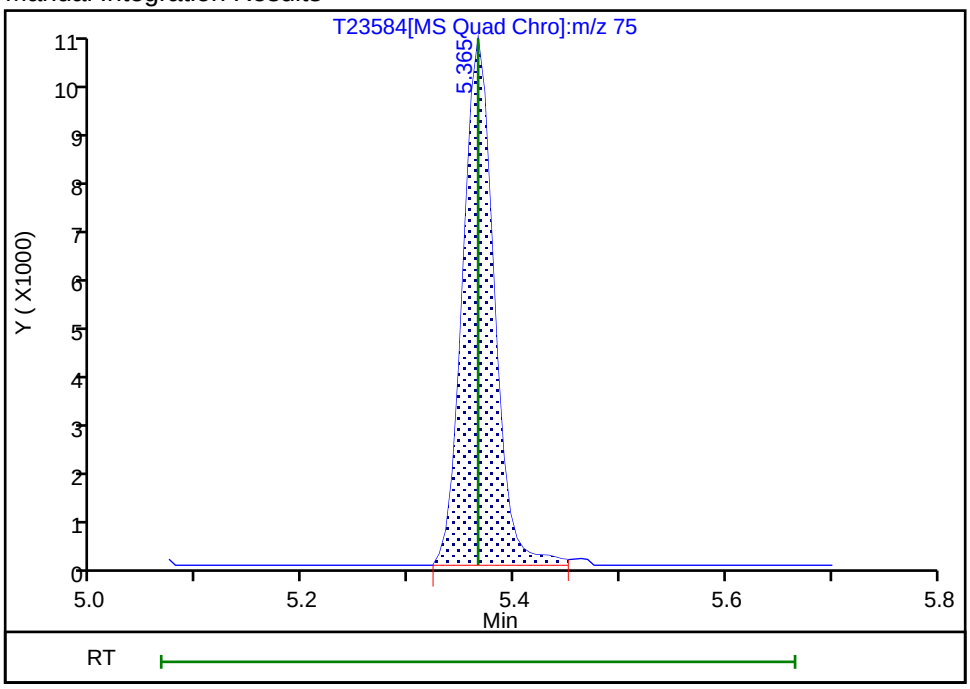
Processing Integration Results

RT: 5.37
Area: 22368
Amount: 4.894124
Amount Units: ug/l



Manual Integration Results

RT: 5.37
Area: 22368
Amount: 4.967518
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:36:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

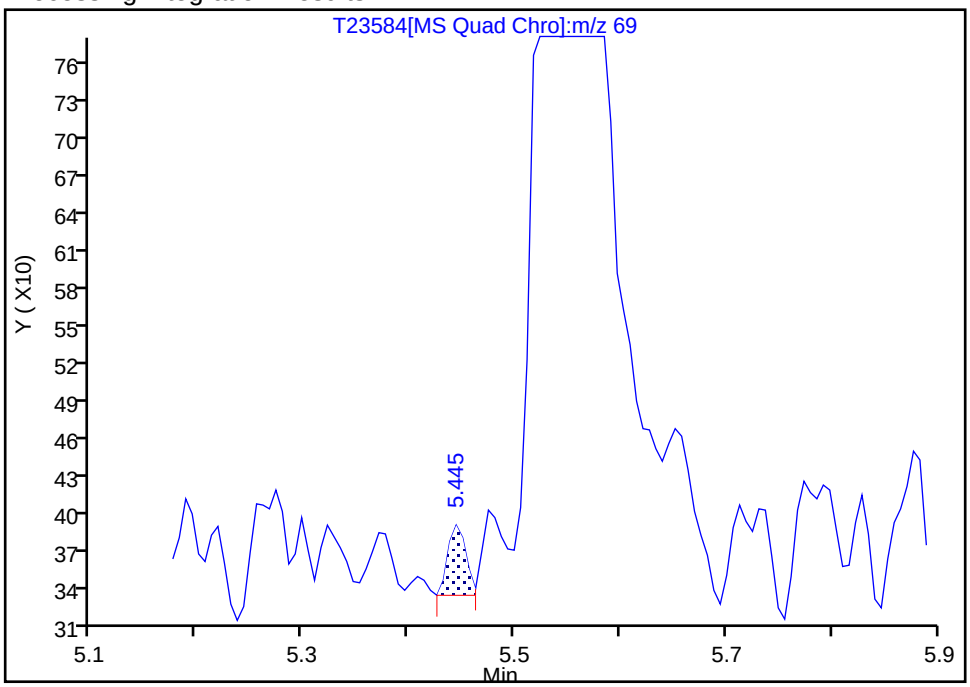
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D		
Injection Date:	03-Oct-2019 23:55:06	Instrument ID:	CVOAMS15
Lims ID:	STD5		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

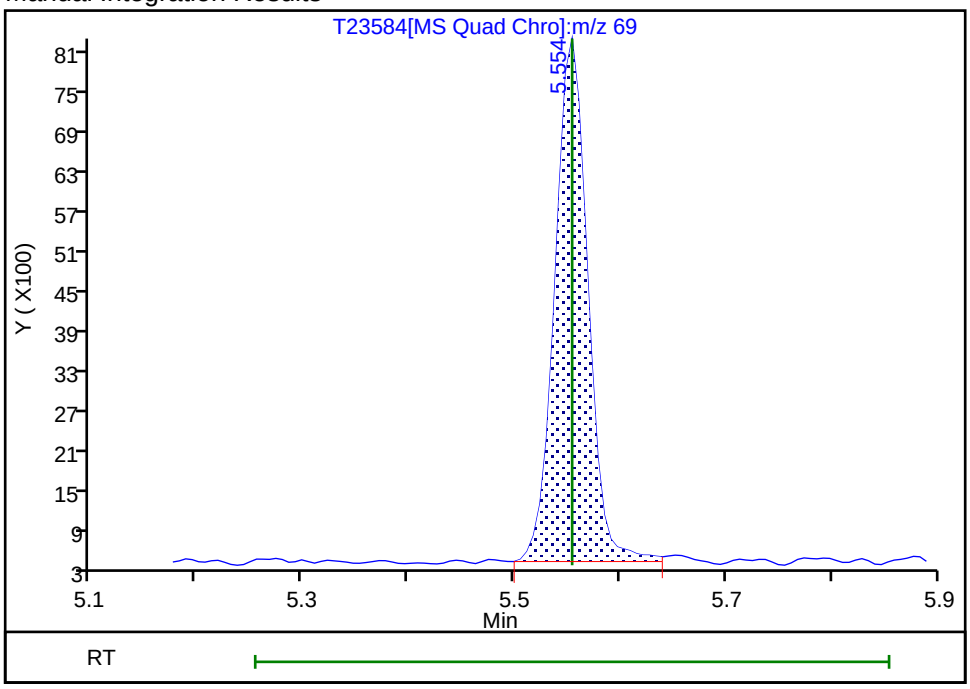
Processing Integration Results

RT: 5.44
Area: 67
Amount: 0.017358
Amount Units: ug/l



Manual Integration Results

RT: 5.55
Area: 17136
Amount: 4.834889
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:38:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

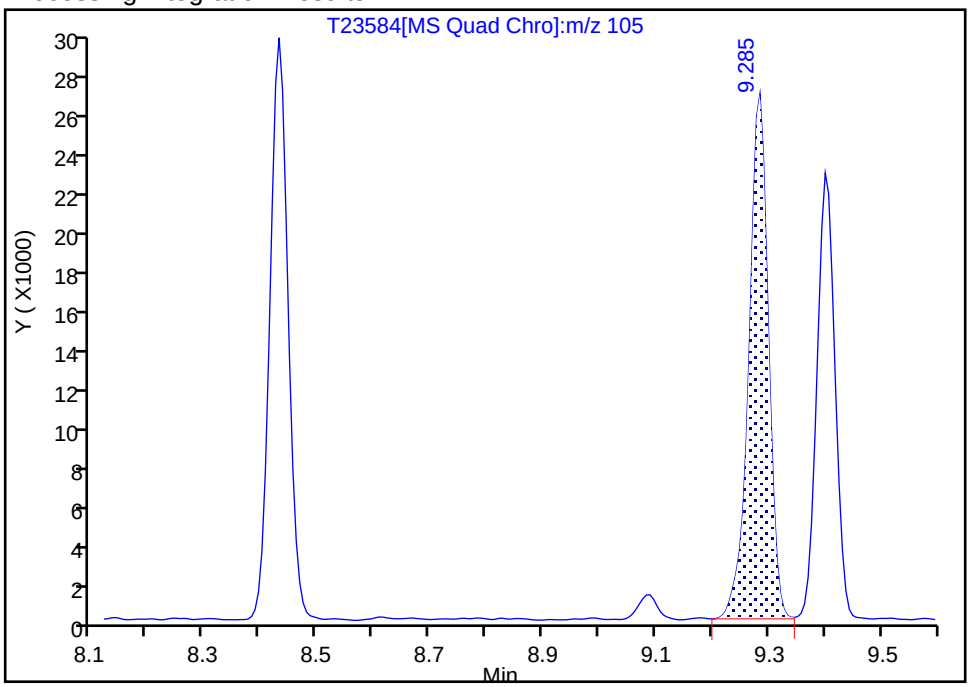
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

104 Isopropylbenzene, CAS: 98-82-8

Signal: 1

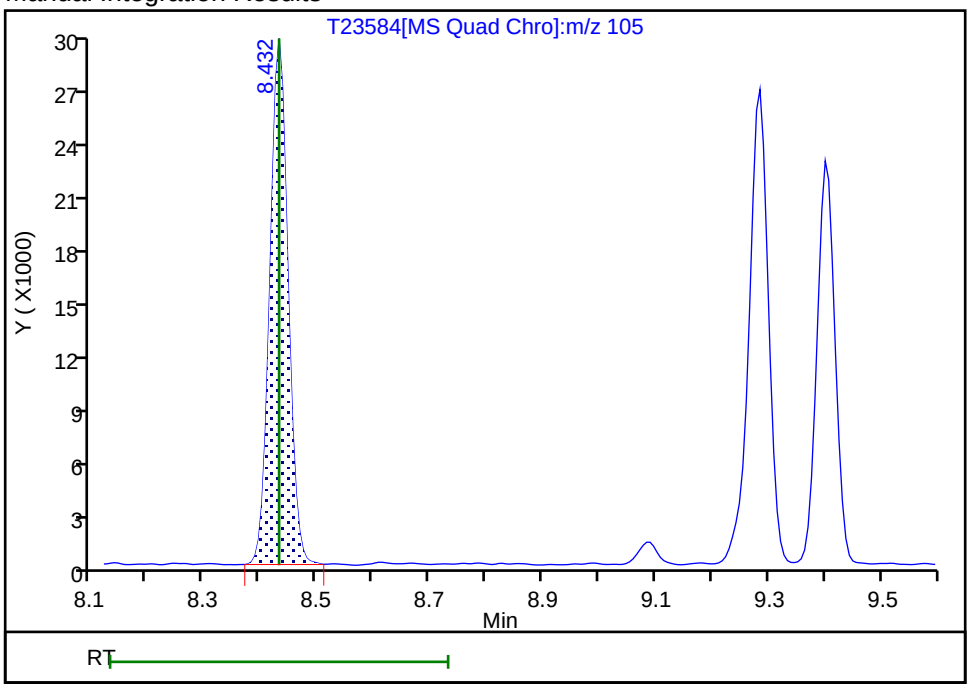
Processing Integration Results

RT: 9.29
Area: 62724
Amount: 4.993417
Amount Units: ug/l



Manual Integration Results

RT: 8.43
Area: 65014
Amount: 5.054729
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:39:00
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

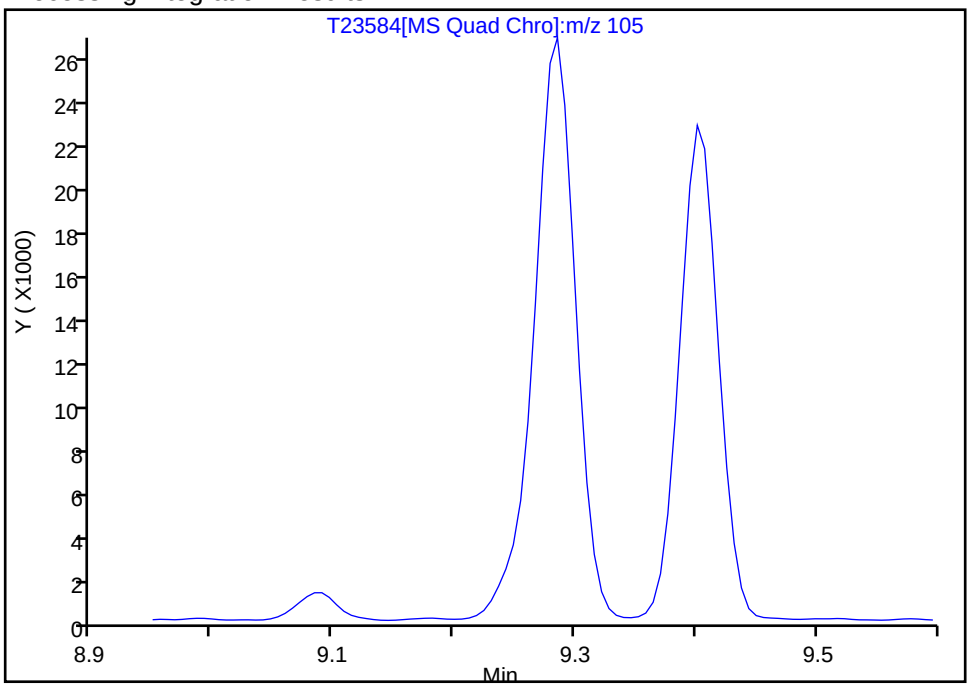
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

112 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

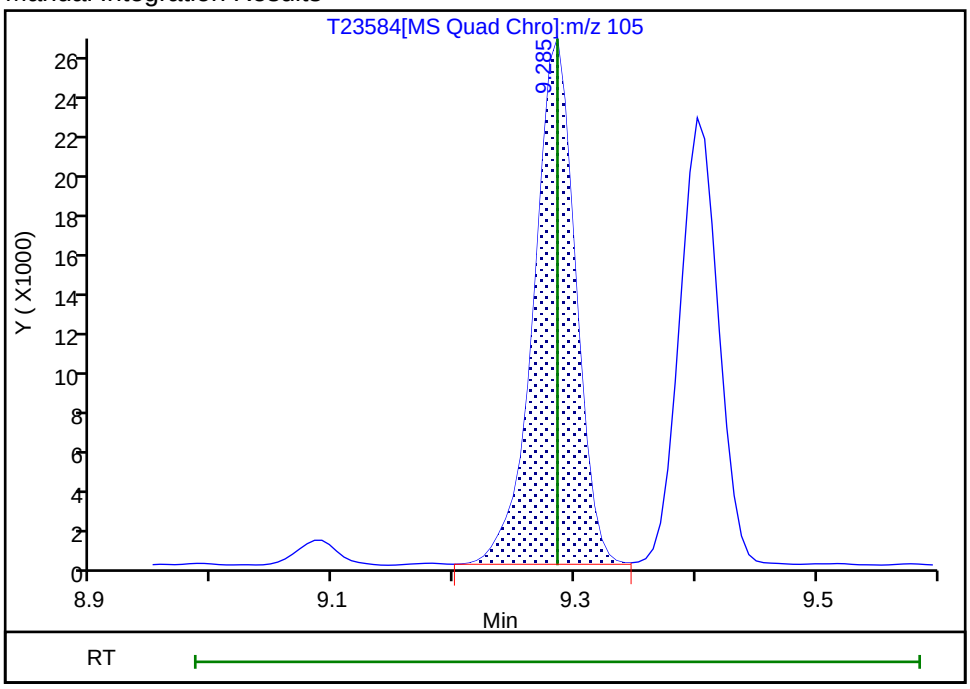
Not Detected
Expected RT: 9.29

Processing Integration Results



Manual Integration Results

RT: 9.29
Area: 62724
Amount: 5.155783
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:39:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

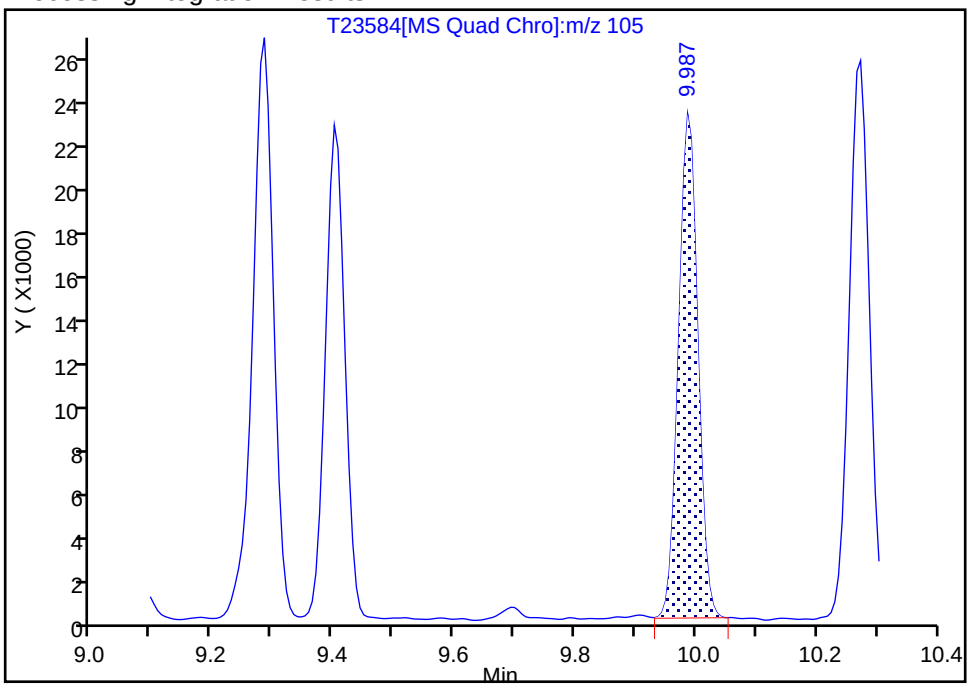
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D				
Injection Date:	03-Oct-2019 23:55:06	Instrument ID:	CVOAMS15		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

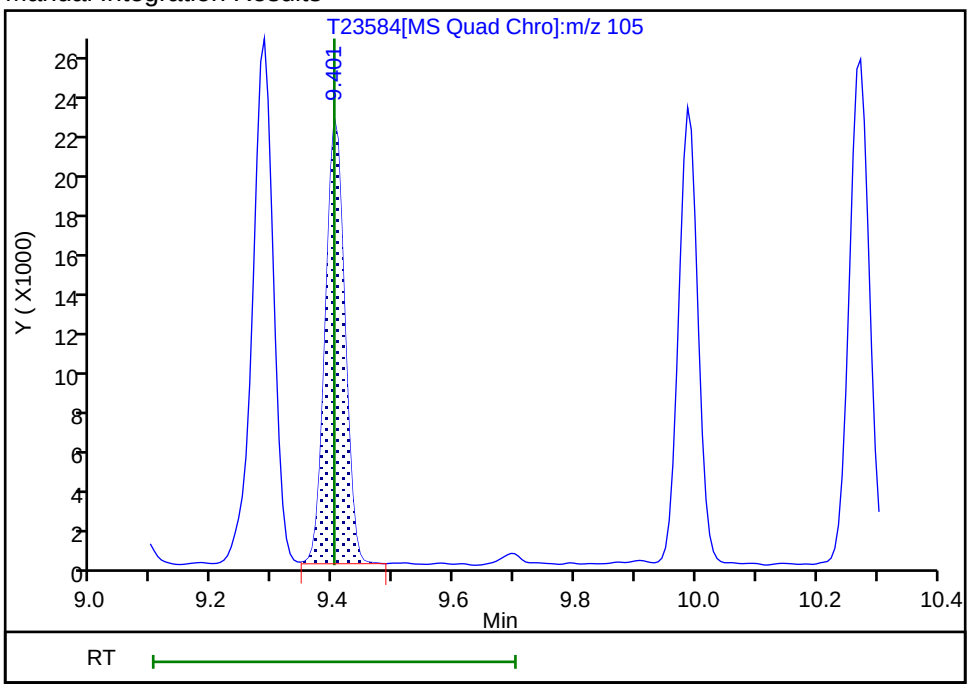
Processing Integration Results

RT: 9.99
Area: 50413
Amount: 4.940641
Amount Units: ug/l



Manual Integration Results

RT: 9.40
Area: 49697
Amount: 5.001159
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:39:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

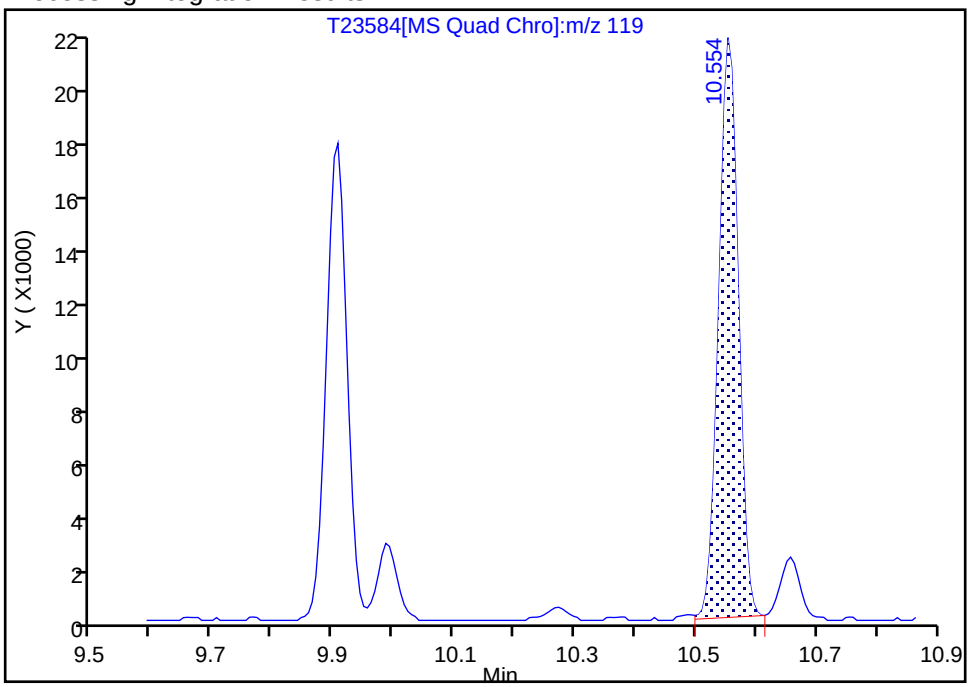
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D				
Injection Date:	03-Oct-2019 23:55:06	Instrument ID:	CVOAMS15		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

116 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

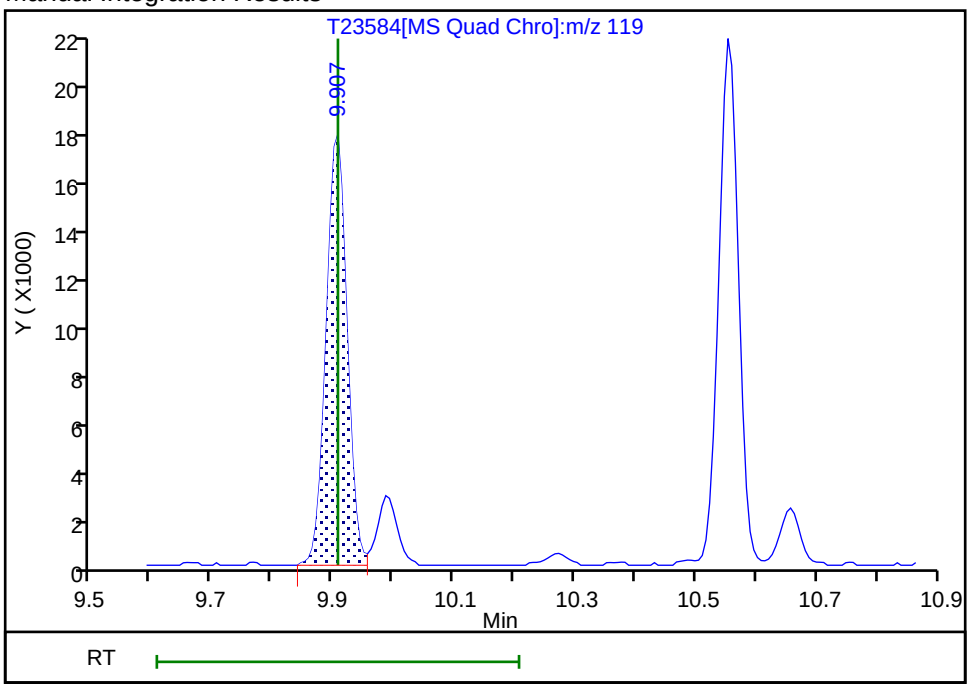
Processing Integration Results

RT: 10.55
Area: 48591
Amount: 5.278203
Amount Units: ug/l



Manual Integration Results

RT: 9.91
Area: 42507
Amount: 4.923655
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:39:22

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

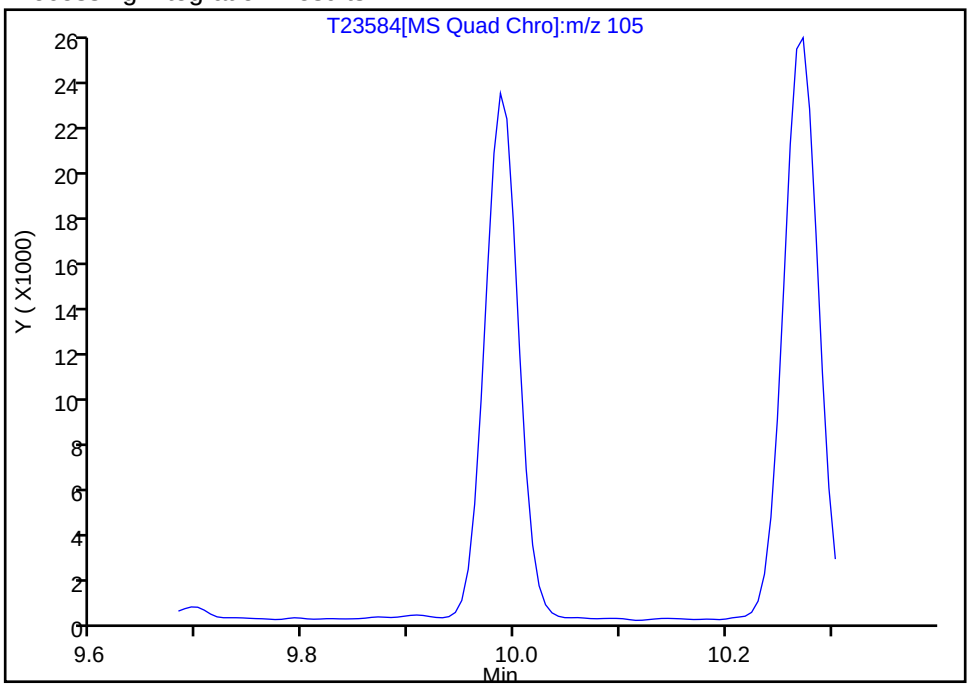
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

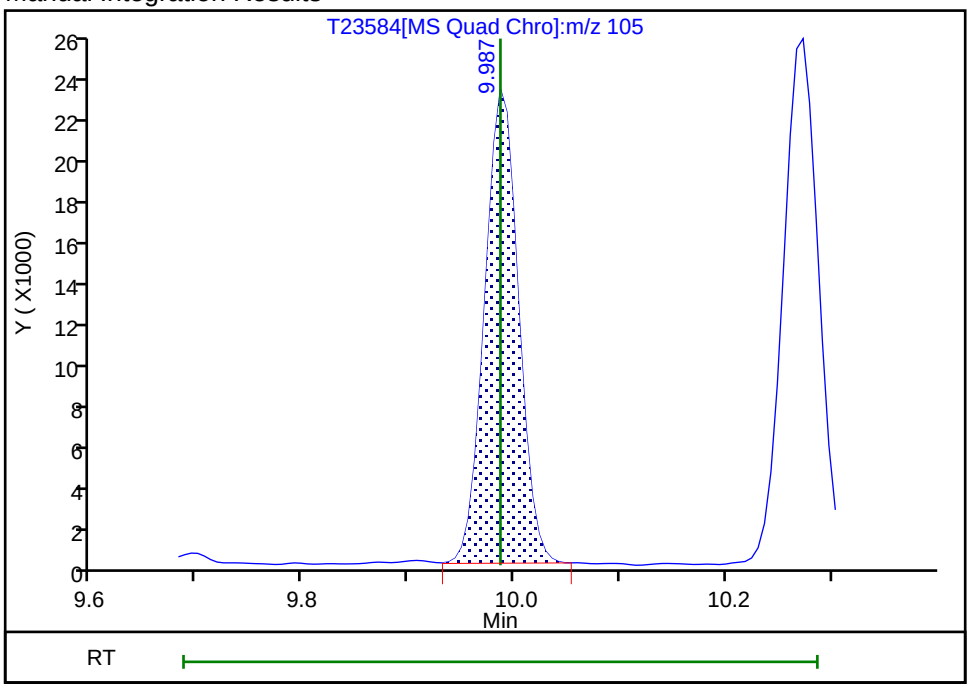
Not Detected
Expected RT: 9.99

Processing Integration Results



Manual Integration Results

RT: 9.99
Area: 50413
Amount: 4.919443
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:39:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

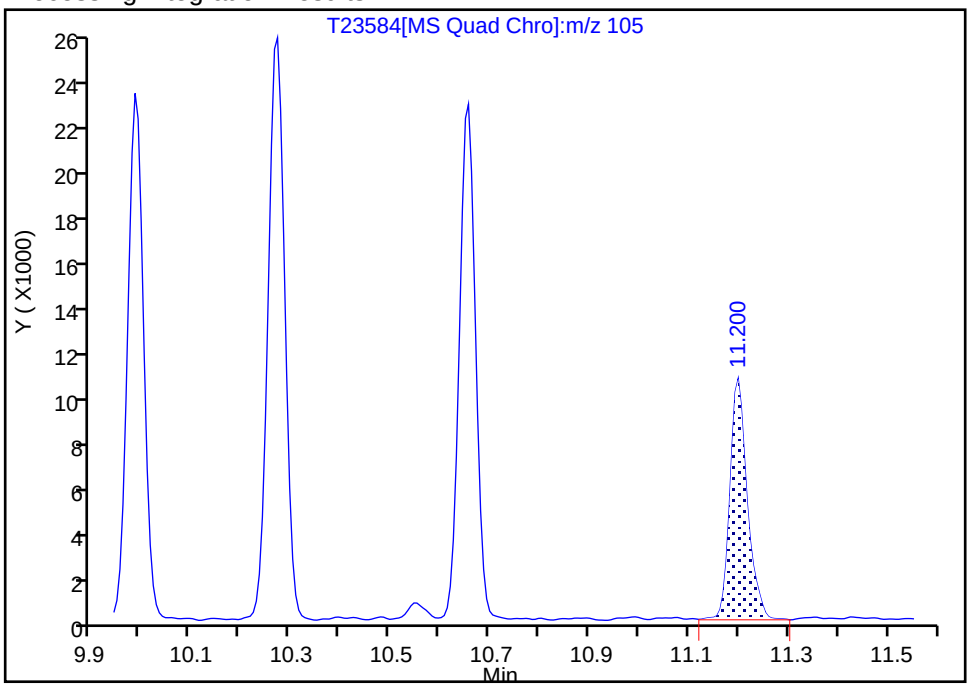
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D		
Injection Date:	03-Oct-2019 23:55:06	Instrument ID:	CVOAMS15
Lims ID:	STD5		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

118 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

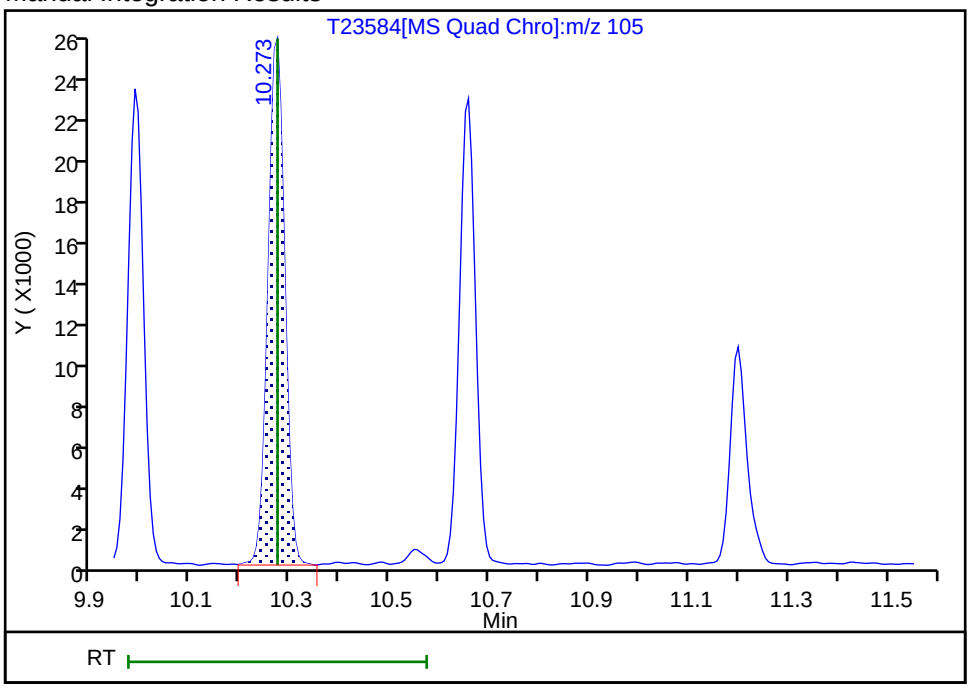
Processing Integration Results

RT: 11.20
Area: 25166
Amount: 2.012056
Amount Units: ug/l



Manual Integration Results

RT: 10.27
Area: 59177
Amount: 5.003771
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:39:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

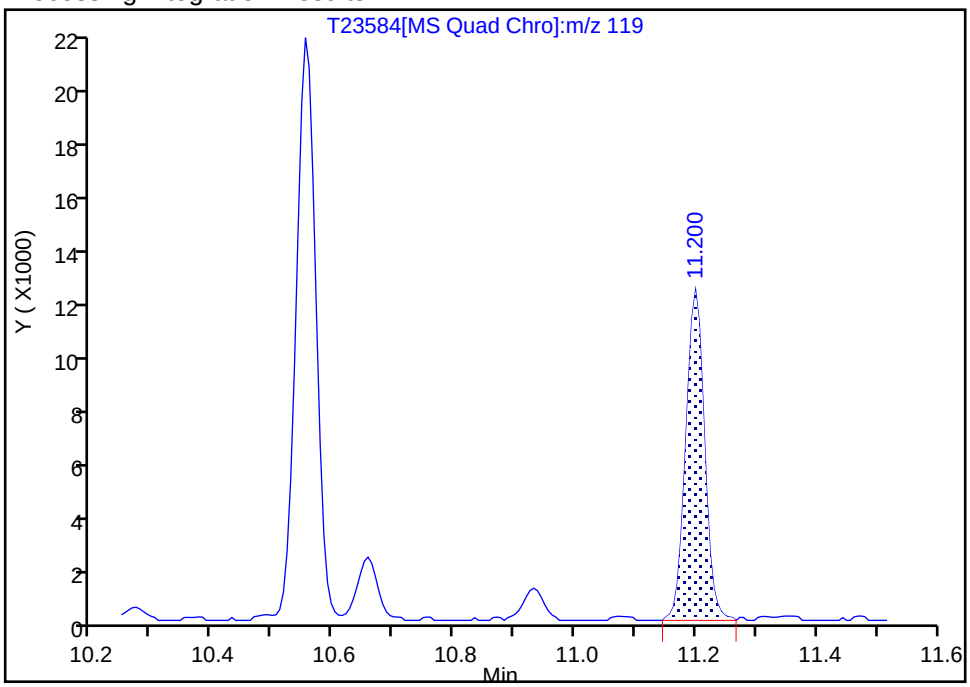
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

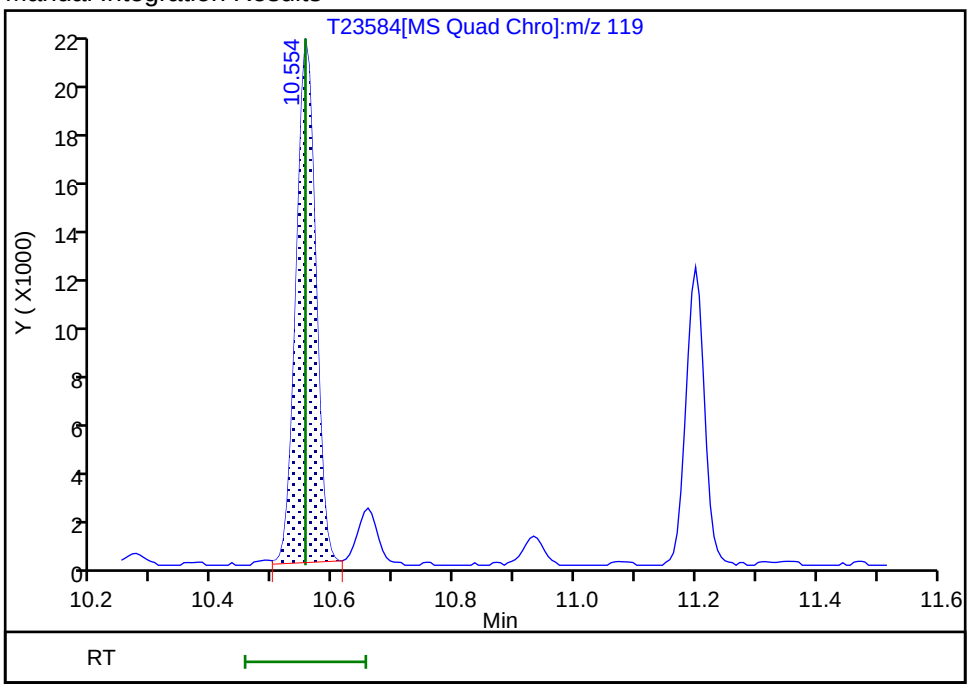
Processing Integration Results

RT: 11.20
Area: 26319
Amount: 2.545166
Amount Units: ug/l



Manual Integration Results

RT: 10.55
Area: 48591
Amount: 4.970007
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:39:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

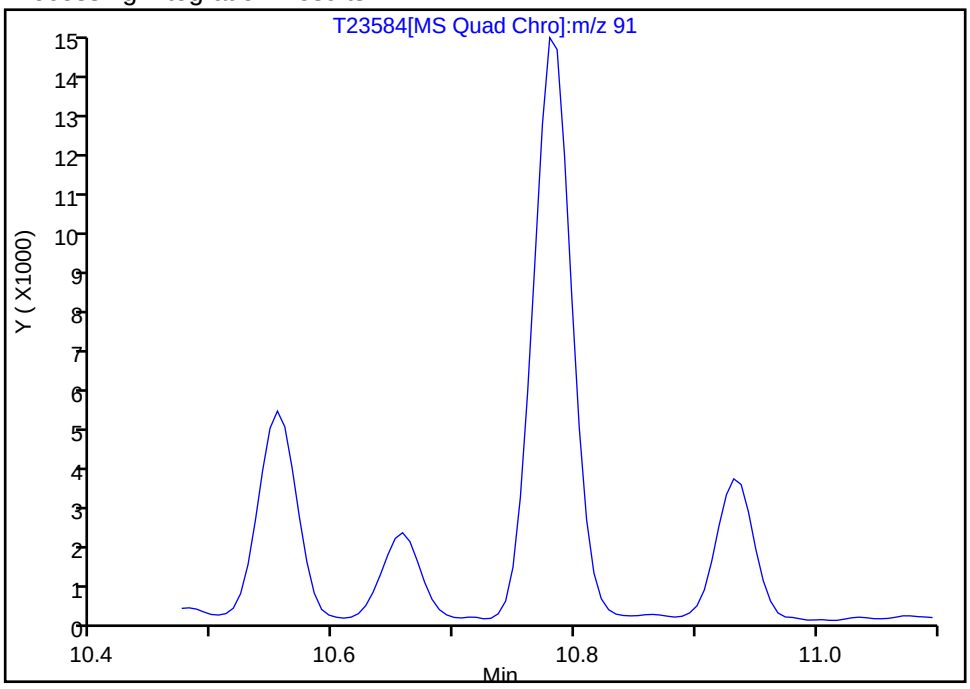
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 Benzyl chloride, CAS: 100-44-7

Signal: 1

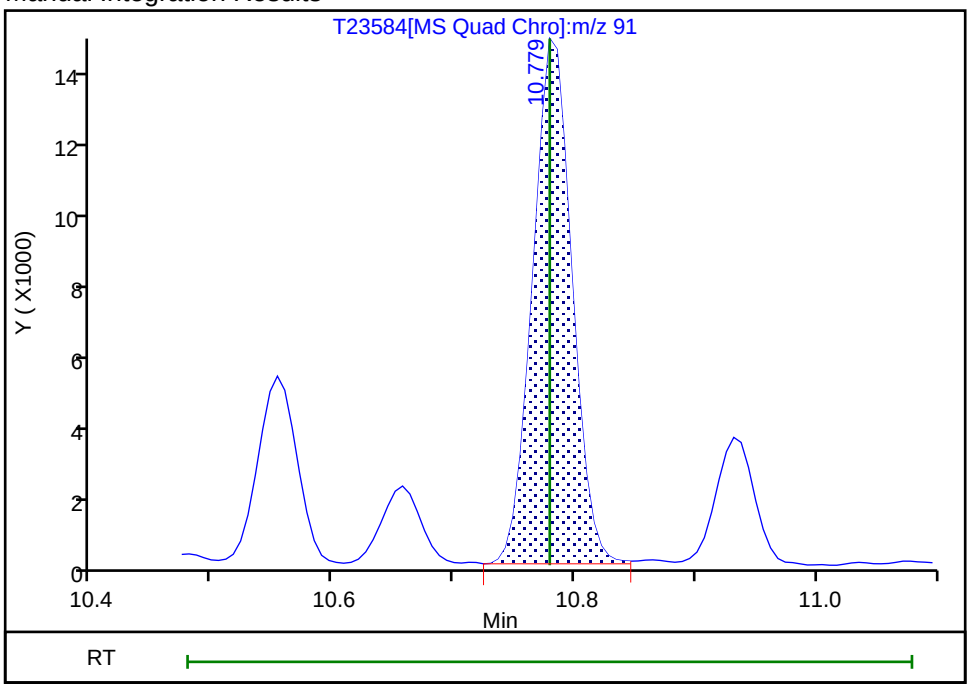
Not Detected
Expected RT: 10.78

Processing Integration Results



Manual Integration Results

RT: 10.78
Area: 31527
Amount: 4.953925
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:40:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

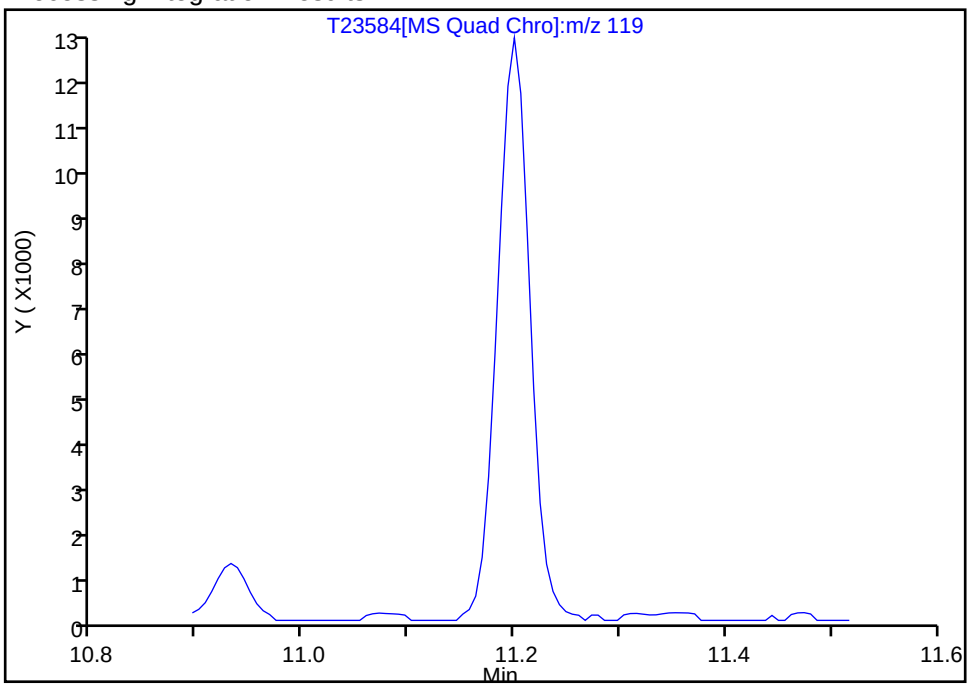
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23584.D
Injection Date: 03-Oct-2019 23:55:06 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

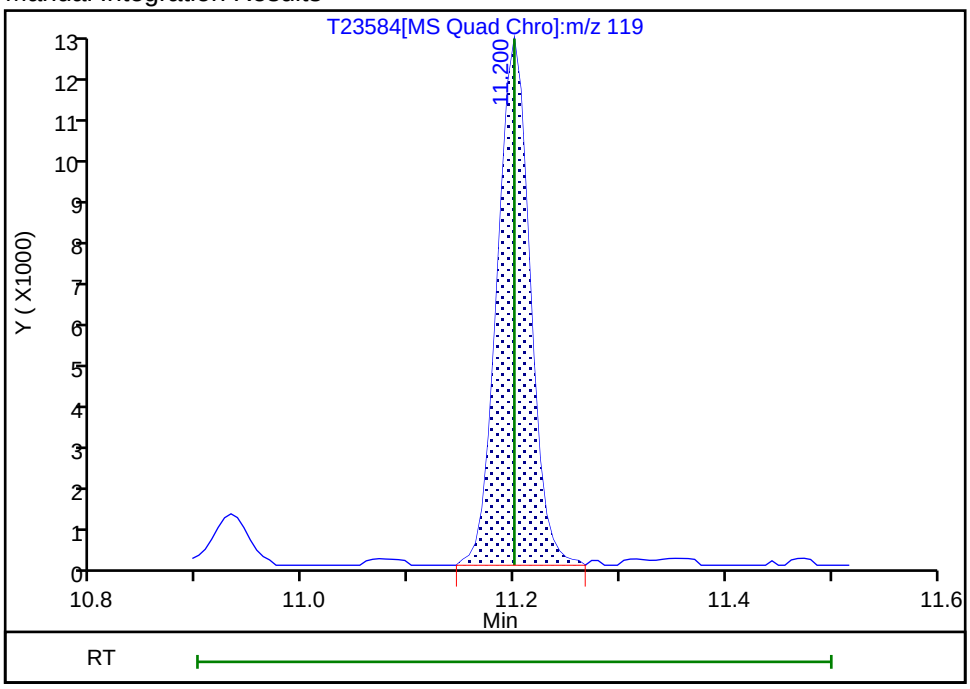
Not Detected
Expected RT: 11.20

Processing Integration Results



Manual Integration Results

RT: 11.20
Area: 26319
Amount: 4.953717
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:39:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23585.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 04-Oct-2019 00:19:18 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0098692-007
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Oct-2019 20:38:30 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0312

First Level Reviewer: desais Date: 04-Oct-2019 06:12:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.598	0.598	0.000	26	5277	20.0	17.7	
2 Chlorotrifluoroethene	116	0.653	0.653	0.000	72	20278	20.0	14.9	
3 Dichlorodifluoromethane	85	0.665	0.665	0.000	99	62770	20.0	19.9	
4 1,1-Difluoroethane	65	0.653	0.653	0.000	92	21577	20.0	4.54	
5 Chlorodifluoromethane	67	0.671	0.671	0.000	95	9220	20.0	1.94	
6 Chloromethane	50	0.744	0.744	0.000	99	45742	20.0	17.7	
7 Vinyl chloride	62	0.787	0.787	0.000	99	60925	20.0	19.6	
8 Butadiene	54	0.805	0.805	0.000	93	50575	20.0	18.7	
9 Bromomethane	94	0.933	0.933	0.000	98	29460	20.0	17.8	
10 Chloroethane	64	0.976	0.976	0.000	98	39283	20.0	19.0	
11 Dichlorofluoromethane	67	1.068	1.068	0.000	99	97286	20.0	19.9	
12 Trichlorofluoromethane	101	1.098	1.098	0.000	99	96268	20.0	20.1	
13 Pentane	72	1.135	1.135	0.000	95	21353	40.0	37.9	
14 Ethanol	45	1.202	1.202	0.000	86	9102	800.0	866.0	
15 1,2-Dichloro-1,1,2-trifluo	117	1.238	1.238	0.000	90	57753	20.0	20.5	
16 Ethyl ether	59	1.238	1.238	0.000	50	40003	20.0	18.7	
17 2-Methyl-1,3-butadiene	53	1.244	1.244	0.000	80	45027	20.0	19.9	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.275	1.275	0.000	96	87665	20.0	21.0	a
19 Acrolein	56	1.299	1.299	0.000	95	9720	40.0	46.5	
20 1,1-Dichloroethene	96	1.342	1.342	0.000	97	56158	20.0	20.7	
21 1,1,2-Trichloro-1,2,2-trif	101	1.348	1.348	0.000	80	61963	20.0	20.0	
22 Acetone	43	1.378	1.378	0.000	88	55146	100.0	91.4	
23 Iodomethane	142	1.421	1.421	0.000	99	84695	20.0	22.2	
24 Carbon disulfide	76	1.452	1.452	0.000	99	168473	20.0	19.8	
25 Isopropyl alcohol	45	1.464	1.464	0.000	40	25741	200.0	206.8	
26 Acetonitrile	40	1.531	1.531	0.000	80	26233	200.0	196.9	
27 3-Chloro-1-propene	76	1.537	1.537	0.000	93	35746	20.0	20.7	
28 Methyl acetate	43	1.555	1.555	0.000	96	60613	40.0	39.8	
29 Cyclopentene	67	1.580	1.580	0.000	96	132987	20.0	20.6	
30 Methylene Chloride	84	1.604	1.604	0.000	83	58304	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.641	1.641	0.000	99	44730	1000.0	1000.0	
40 2-Methyl-2-propanol	59	1.683	1.683	0.000	98	51350	200.0	199.5	
32 Acrylonitrile	53	1.744	1.744	0.000	94	164365	200.0	206.5	
33 trans-1,2-Dichloroethene	96	1.756	1.756	0.000	91	62238	20.0	20.1	
34 Methyl tert-butyl ether	73	1.769	1.769	0.000	95	159376	20.0	20.2	
35 Hexane	57	1.933	1.933	0.000	90	68887	20.0	20.2	
36 1,1-Dichloroethane	63	2.012	2.012	0.000	100	95480	20.0	20.0	
37 Vinyl acetate	86	2.061	2.061	0.000	99	23577	40.0	34.3	
38 2-Chloro-1,3-butadiene	88	2.073	2.073	0.000	78	60818	20.0	20.5	
39 Isopropyl ether	45	2.080	2.080	0.000	85	146680	20.0	20.7	
41 Tert-butyl ethyl ether	59	2.323	2.323	0.000	90	160472	20.0	20.0	
* 42 2-Butanone-d5	46	2.384	2.384	0.000	95	255263	250.0	250.0	
43 2,2-Dichloropropane	97	2.403	2.403	0.000	81	22068	20.0	18.5	
44 cis-1,2-Dichloroethene	96	2.409	2.409	0.000	95	68139	20.0	19.8	
45 2-Butanone (MEK)	43	2.427	2.427	0.000	97	90179	100.0	104.8	
46 Propionitrile	54	2.470	2.470	0.000	98	65886	200.0	196.9	
47 Ethyl acetate	70	2.488	2.488	0.000	99	11971	40.0	40.9	
48 Isopropyl acetate	61	2.488	2.488	0.000	92	15638	20.0	19.3	
55 Methyl acrylate	55	2.506	2.506	0.000	95	49056	20.0	20.2	
49 Methacrylonitrile	67	2.579	2.579	0.000	86	226343	200.0	208.3	
50 Chlorobromomethane	128	2.579	2.579	0.000	52	32735	20.0	19.7	
51 Tetrahydrofuran	72	2.622	2.622	0.000	71	13854	40.0	33.7	
52 Chloroform	83	2.647	2.647	0.000	100	105649	20.0	20.2	
$ 53 Dibromofluoromethane (Surr	113	2.775	2.775	0.000	95	152653	50.0	50.1	
54 1,1,1-Trichloroethane	97	2.781	2.781	0.000	83	98194	20.0	20.0	
56 Cyclohexane	84	2.823	2.823	0.000	86	88033	20.0	20.7	
57 Carbon tetrachloride	117	2.915	2.915	0.000	95	89136	20.0	19.4	
58 1,1-Dichloropropene	75	2.915	2.915	0.000	96	84581	20.0	20.2	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	96	150435	50.0	50.1	
60 Isobutyl alcohol	43	3.073	3.073	0.000	43	44082	500.0	549.2	
61 Benzene	78	3.085	3.085	0.000	95	238810	20.0	19.8	
62 1,2-Dichloroethane	62	3.104	3.104	0.000	77	72107	20.0	19.6	
63 Isooctane	57	3.177	3.177	0.000	99	128086	20.0	20.6	
64 Tert-amyl methyl ether	73	3.213	3.213	0.000	85	163606	20.0	20.7	
* 65 Fluorobenzene	96	3.335	3.335	0.000	99	530539	50.0	50.0	
66 n-Heptane	43	3.354	3.354	0.000	60	47071	20.0	19.7	
67 Trichloroethene	95	3.671	3.671	0.000	99	73005	20.0	19.4	
68 n-Butanol	56	3.695	3.695	0.000	66	33517	500.0	528.6	
69 Ethyl acrylate	55	3.841	3.841	0.000	97	128135	20.0	20.2	
70 Methylcyclohexane	83	3.854	3.854	0.000	87	95331	20.0	20.5	
71 1,2-Dichloropropane	63	3.884	3.884	0.000	86	55324	20.0	20.1	
72 Dibromomethane	93	4.000	4.000	0.000	70	38556	20.0	19.2	
* 73 1,4-Dioxane-d8	96	4.006	4.006	0.000	27	33706	1000.0	1000.0	
74 1,4-Dioxane	88	4.055	4.055	0.000	36	13403	400.0	413.4	
75 Methyl methacrylate	100	4.067	4.067	0.000	80	34248	40.0	39.6	
76 n-Propyl acetate	43	4.152	4.152	0.000	95	61181	20.0	20.4	
77 Dichlorobromomethane	83	4.183	4.183	0.000	99	81143	20.0	19.9	
78 2-Nitropropane	41	4.439	4.439	0.000	97	26031	40.0	39.3	
79 2-Chloroethyl vinyl ether	63	4.561	4.561	0.000	95	40296	20.0	20.5	
80 Epichlorohydrin	57	4.597	4.597	0.000	98	104640	400.0	401.8	
85 cis-1,3-Dichloropropene	75	4.683	4.683	0.000	91	96228	20.0	20.5	a
82 4-Methyl-2-pentanone (MIBK	43	4.902	4.902	0.000	94	205985	100.0	99.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.981	4.981	0.000	99	552587	50.0	50.0	
84 Toluene	91	5.055	5.055	0.000	93	257357	20.0	19.8	
81 trans-1,3-Dichloropropene	75	5.366	5.366	0.000	95	87369	20.0	19.8	a
86 Ethyl methacrylate	69	5.555	5.555	0.000	86	68046	20.0	19.6	a
87 1,1,2-Trichloroethane	83	5.579	5.579	0.000	94	43655	20.0	19.8	
88 Tetrachloroethene	166	5.719	5.719	0.000	94	64432	20.0	20.0	
89 1,3-Dichloropropane	76	5.780	5.780	0.000	91	86266	20.0	20.3	
90 2-Hexanone	43	5.969	5.969	0.000	92	140017	100.0	98.4	
91 Chlorodibromomethane	129	6.054	6.054	0.000	96	63920	20.0	19.6	
92 Ethylene Dibromide	107	6.164	6.164	0.000	99	57242	20.0	19.2	
93 n-Butyl acetate	43	6.195	6.195	0.000	97	64609	20.0	19.9	
* 94 Chlorobenzene-d5	117	6.835	6.835	0.000	85	417231	50.0	50.0	
95 Chlorobenzene	112	6.871	6.871	0.000	94	163962	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	7.018	7.018	0.000	95	59010	20.0	19.8	
97 Ethylbenzene	106	7.079	7.079	0.000	98	89466	20.0	20.2	
98 m-Xylene & p-Xylene	106	7.262	7.262	0.000	95	105900	20.0	20.0	
99 o-Xylene	106	7.828	7.828	0.000	94	101582	20.0	20.0	
100 Styrene	104	7.865	7.865	0.000	94	170189	20.0	20.0	
101 n-Butyl acrylate	73	7.957	7.957	0.000	98	39164	20.0	19.9	
102 Bromoform	173	8.078	8.078	0.000	93	39635	20.0	20.6	
103 Amyl acetate (mixed isomer	43	8.347	8.347	0.000	92	71261	20.0	20.8	
104 Isopropylbenzene	105	8.432	8.432	0.000	96	259951	20.0	20.7	
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	157878	50.0	50.5	
106 Bromobenzene	156	8.798	8.798	0.000	98	61068	20.0	20.1	
107 1,1,2,2-Tetrachloroethane	83	8.950	8.950	0.000	90	53721	20.0	20.2	
108 1,2,3-Trichloropropane	110	8.956	8.956	0.000	89	20338	20.0	20.3	
109 trans-1,4-Dichloro-2-buten	53	9.042	9.042	0.000	95	18784	20.0	20.6	
110 N-Propylbenzene	91	9.084	9.084	0.000	98	309538	20.0	20.6	
111 2-Chlorotoluene	91	9.145	9.145	0.000	96	171408	20.0	20.1	
112 4-Ethyltoluene	105	9.286	9.286	0.000	99	249944	20.0	20.9	
113 4-Chlorotoluene	91	9.334	9.334	0.000	98	169381	20.0	20.7	
114 1,3,5-Trimethylbenzene	105	9.401	9.401	0.000	92	199140	20.0	20.4	
115 Butyl Methacrylate	87	9.712	9.712	0.000	86	68782	20.0	19.6	
116 tert-Butylbenzene	119	9.907	9.907	0.000	92	168382	20.0	19.9	
117 1,2,4-Trimethylbenzene	105	9.987	9.987	0.000	98	199733	20.0	19.8	
118 sec-Butylbenzene	105	10.273	10.273	0.000	98	237554	20.0	20.5	
119 1,3-Dichlorobenzene	146	10.352	10.352	0.000	95	105447	20.0	20.2	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	97	192387	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.511	10.511	0.000	88	106694	20.0	19.8	
122 p-Diethylbenzene	119	10.554	10.554	0.000	75	195406	20.0	20.3	
123 1,2,3-Trimethylbenzene	105	10.657	10.657	0.000	99	197829	20.0	20.9	
127 Benzyl chloride	91	10.779	10.779	0.000	99	127635	20.0	20.4	
124 2,3-Dihydroindene	117	10.932	10.932	0.000	90	191845	20.0	20.0	
125 1,2-Dichlorobenzene	146	11.102	11.102	0.000	95	97562	20.0	19.8	
126 4-Isopropyltoluene	119	11.200	11.200	0.000	83	104584	20.0	20.0	a
128 n-Butylbenzene	92	11.230	11.230	0.000	97	94496	20.0	19.6	
129 1,2-Dibromo-3-Chloropropan	75	12.157	12.157	0.000	88	11716	20.0	20.8	
130 1,2,4,5-Tetramethylbenzene	119	12.200	12.200	0.000	96	158915	20.0	20.0	
131 1,3,5-Trichlorobenzene	180	12.401	12.401	0.000	95	52552	20.0	20.0	
132 1,2,4-Trichlorobenzene	180	13.010	13.010	0.000	94	45255	20.0	19.5	
133 Hexachlorobutadiene	225	13.206	13.206	0.000	55	16501	20.0	19.2	
134 Naphthalene	128	13.212	13.212	0.000	99	152120	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.431	13.431	0.000	95	40636	20.0	19.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.8	
S 137 Xylenes, Total	100				0		40.0	40.0	
S 138 Total BTEX	1				0		100.0	99.8	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.3	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

524freon_00012	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00105	Amount Added:	20.00	Units: uL	
ACROLEIN W_00096	Amount Added:	4.00	Units: uL	
GASES Li_00335	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00028	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 04-Oct-2019 20:38:34 Chrom Revision: 2.3 17-Sep-2019 16:19:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23585.D

Injection Date: 04-Oct-2019 00:19:18 Instrument ID: CVOAMS15

Lims ID: STD20

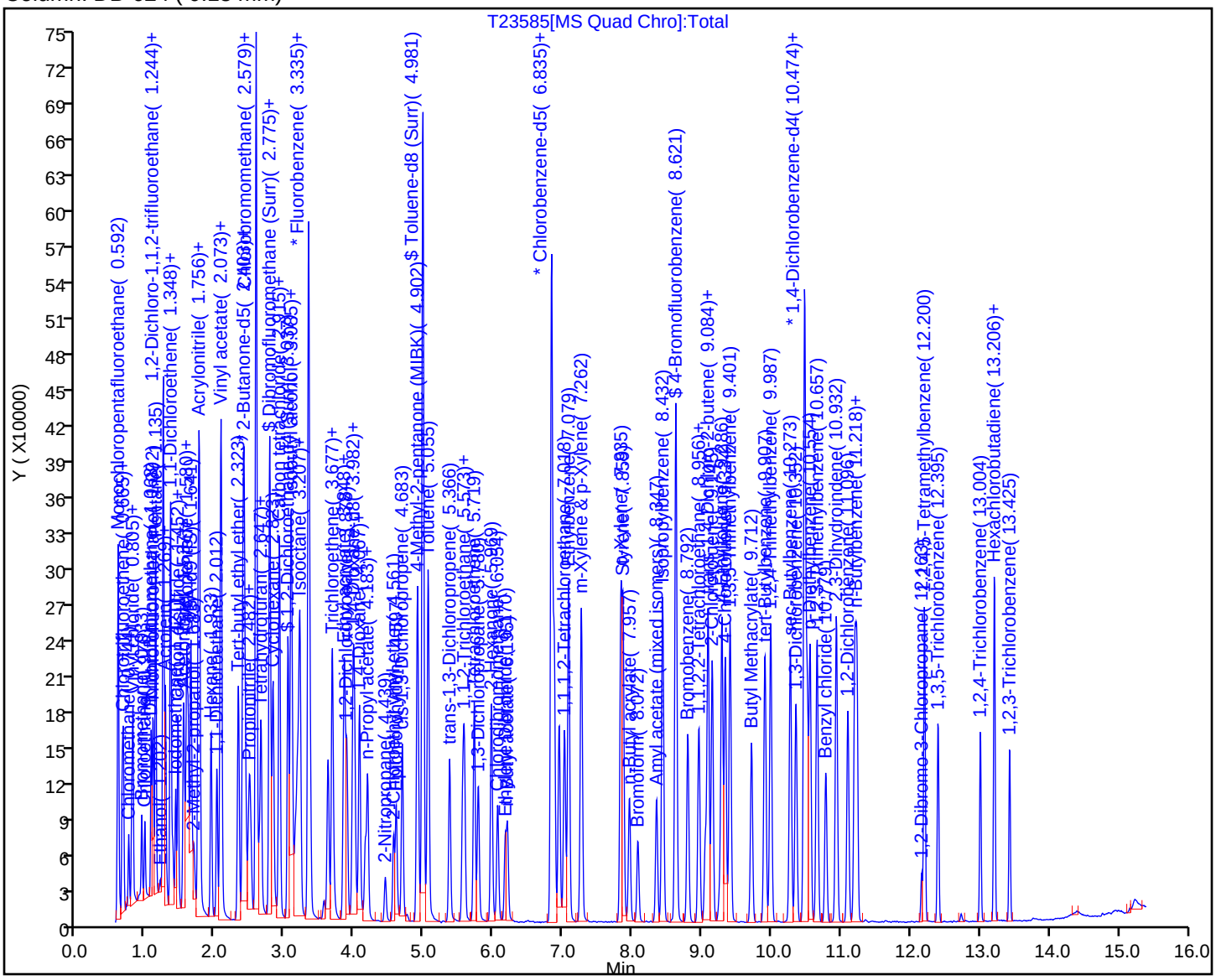
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

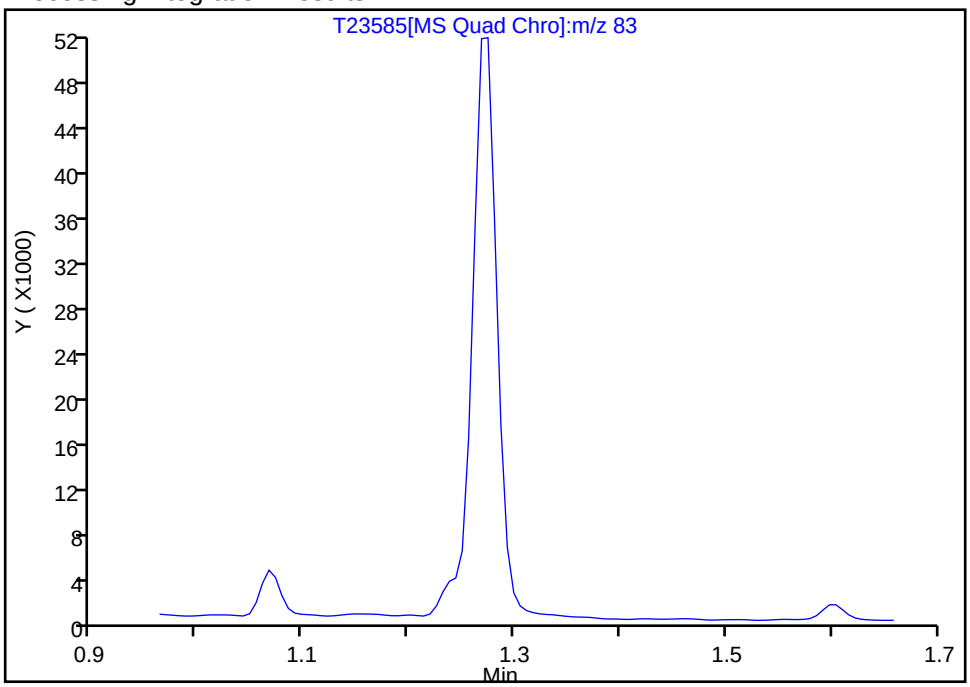
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23585.D
Injection Date: 04-Oct-2019 00:19:18 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

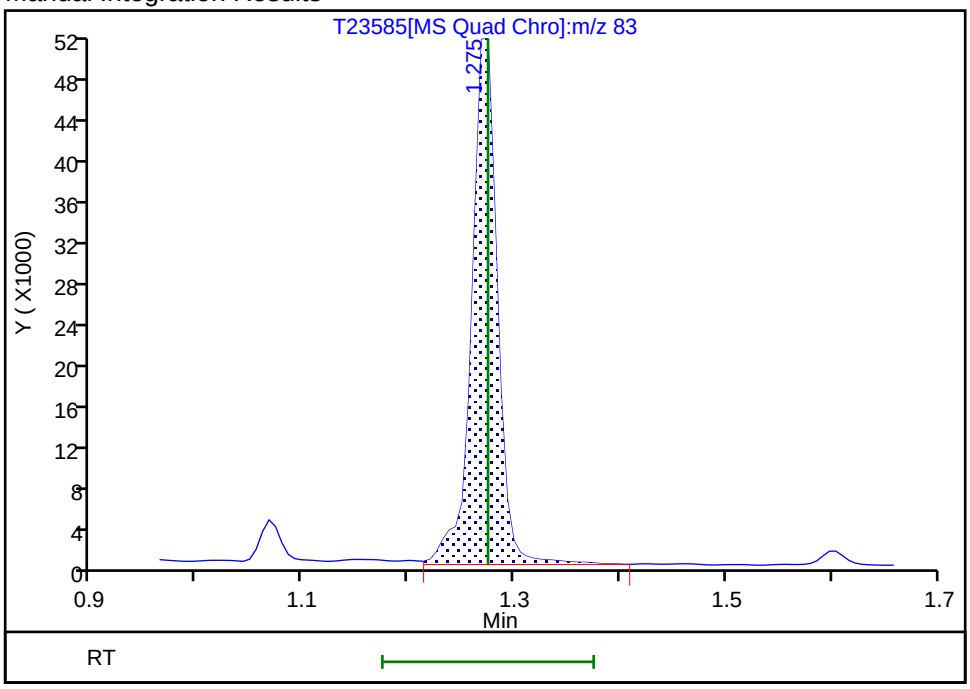
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.27
Area: 87665
Amount: 20.976606
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:55:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

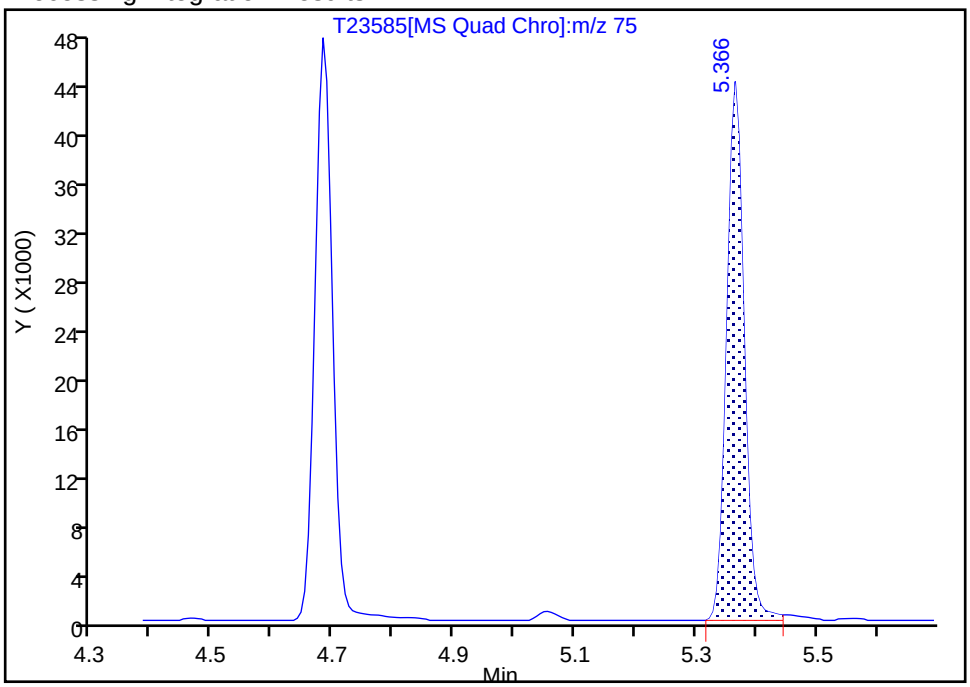
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23585.D
Injection Date: 04-Oct-2019 00:19:18 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

85 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

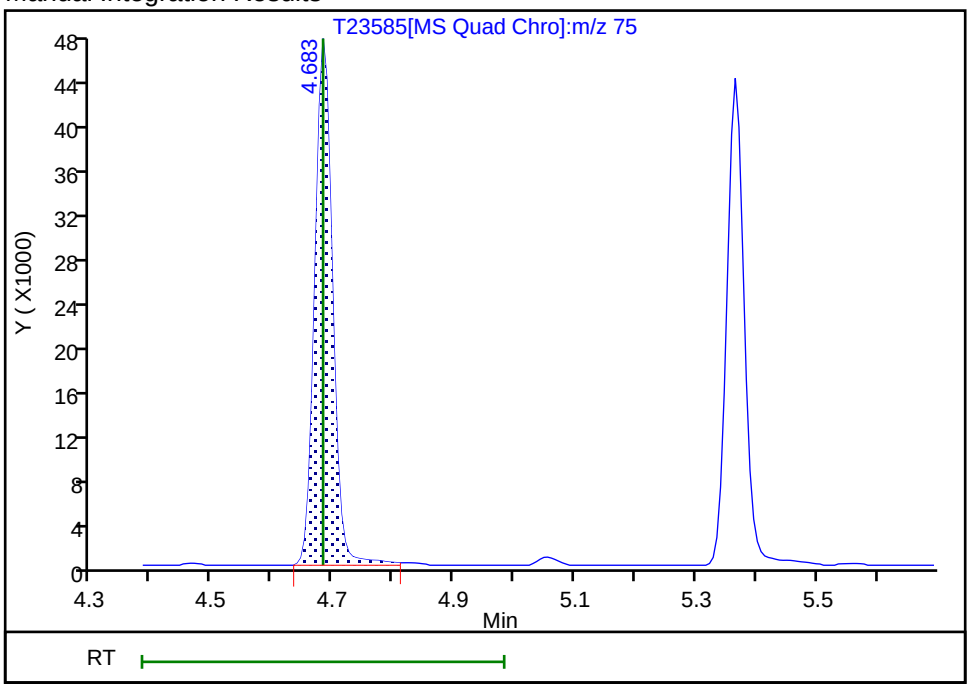
Processing Integration Results

RT: 5.37
Area: 87369
Amount: 19.838965
Amount Units: ug/l



Manual Integration Results

RT: 4.68
Area: 96228
Amount: 20.460902
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:33:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

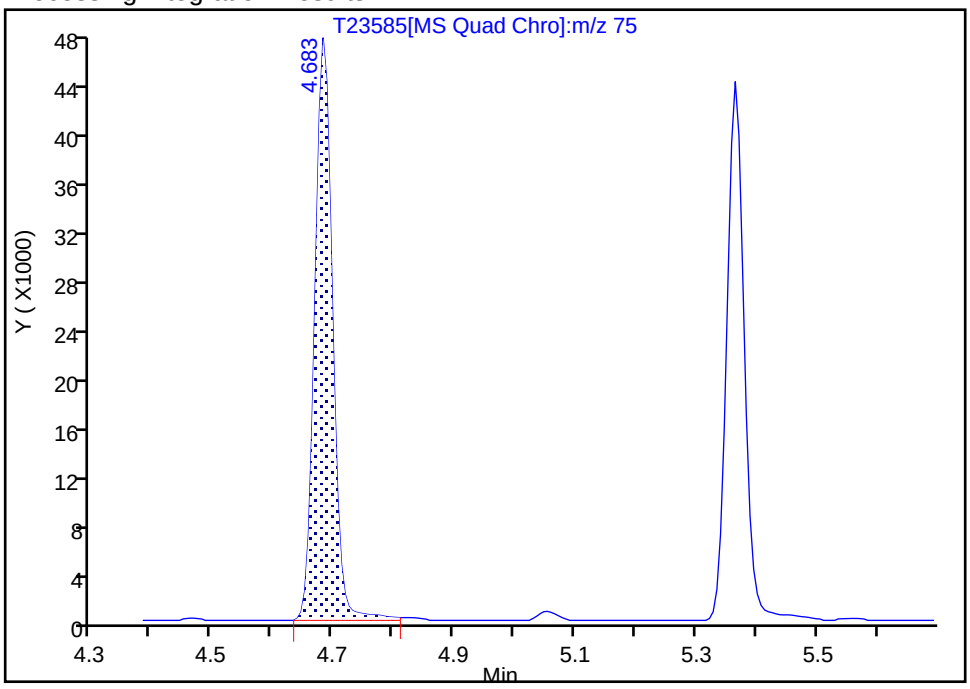
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23585.D
Injection Date: 04-Oct-2019 00:19:18 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

81 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

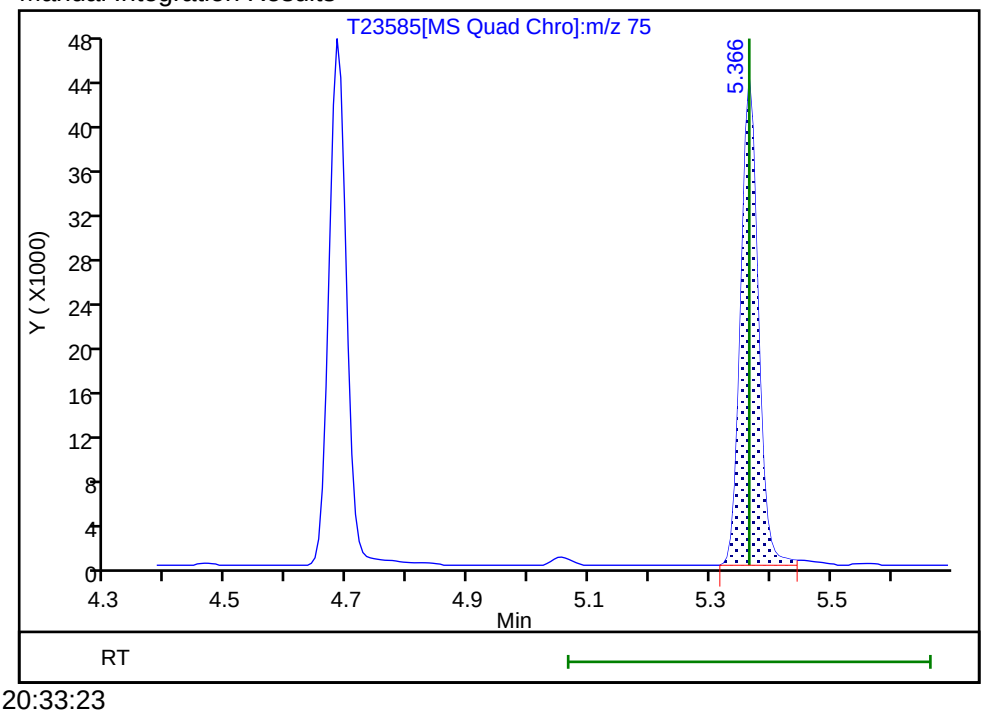
Processing Integration Results

RT: 4.68
Area: 96228
Amount: 20.460913
Amount Units: ug/l



Manual Integration Results

RT: 5.37
Area: 87369
Amount: 19.838965
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:33:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

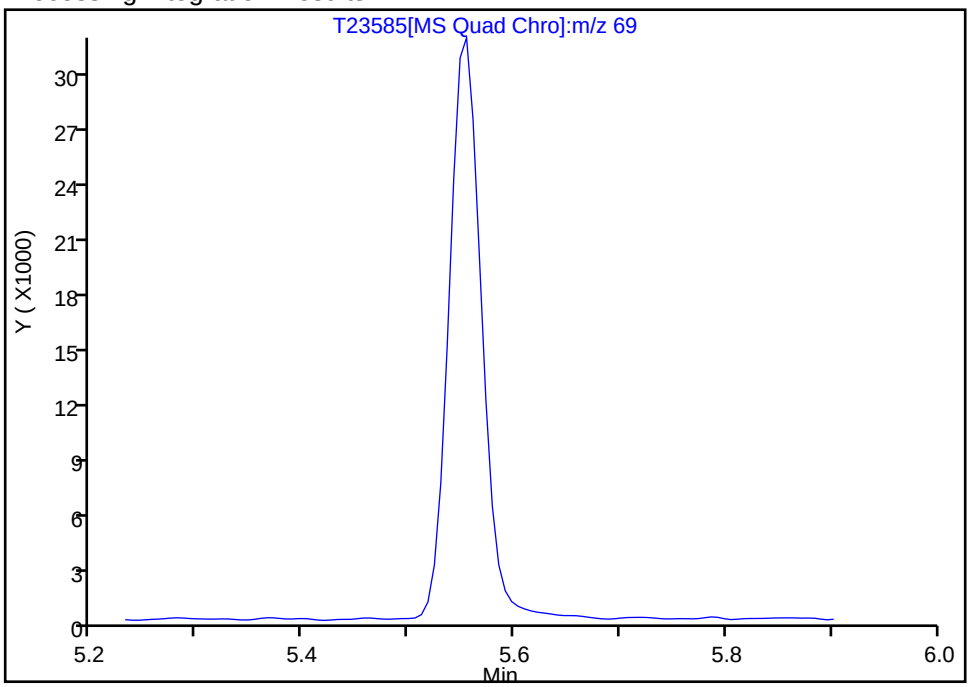
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23585.D
Injection Date: 04-Oct-2019 00:19:18 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

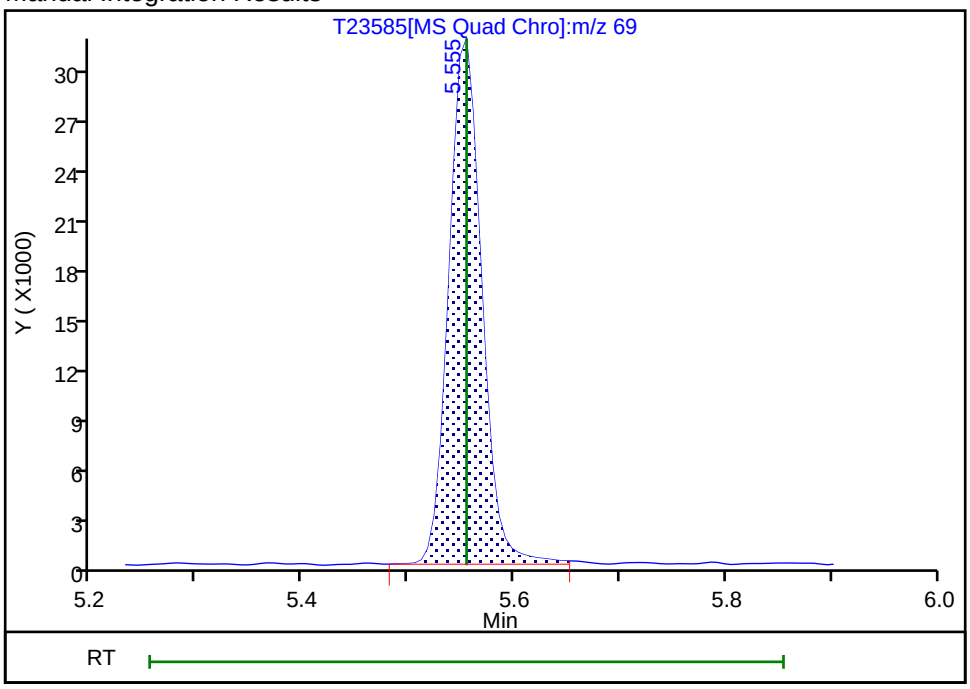
Not Detected
Expected RT: 5.55

Processing Integration Results



Manual Integration Results

RT: 5.55
Area: 68046
Amount: 19.630395
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:56:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

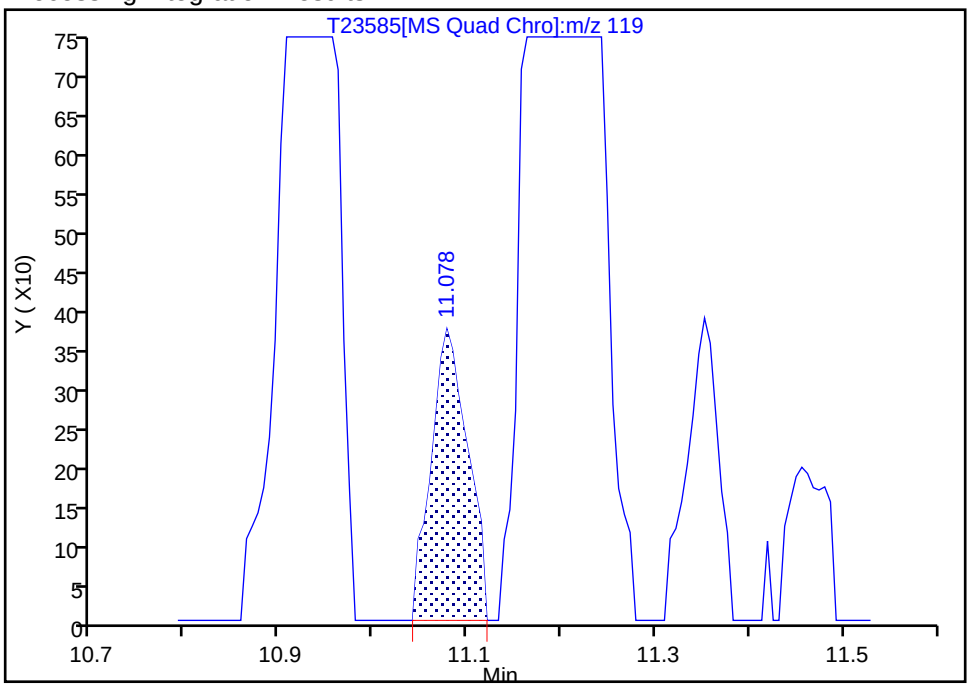
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23585.D
Injection Date: 04-Oct-2019 00:19:18 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

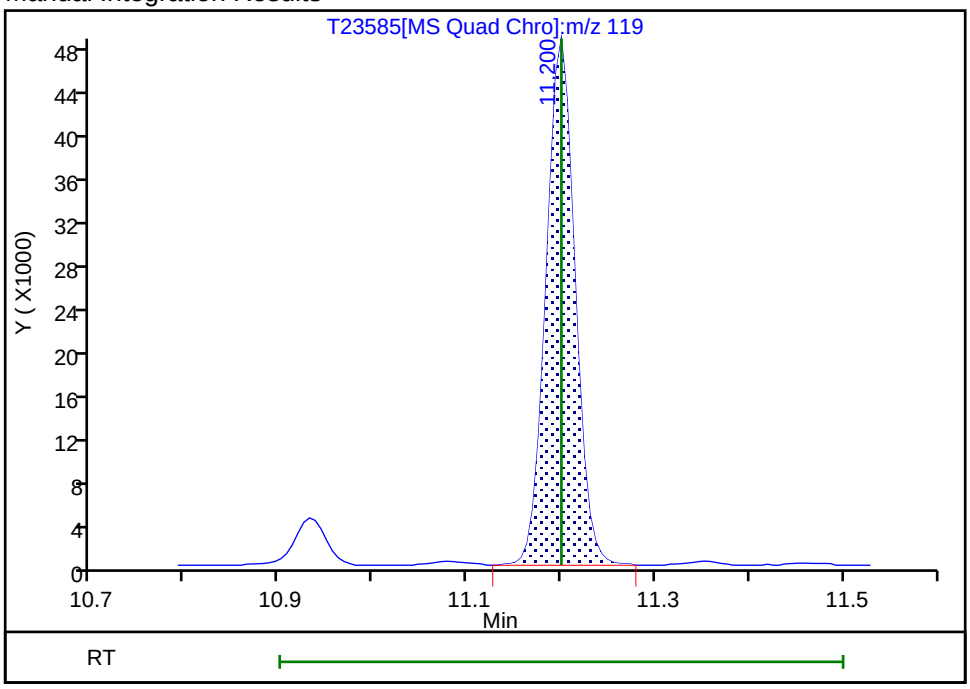
Processing Integration Results

RT: 11.08
Area: 1001
Amount: 0.201695
Amount Units: ug/l



Manual Integration Results

RT: 11.20
Area: 104584
Amount: 20.041096
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:28:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 04-Oct-2019 00:43:30 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0098692-008
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Oct-2019 20:38:41 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0312

First Level Reviewer: desais Date: 04-Oct-2019 06:21:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.604	0.598	0.006	37	13113	50.0	44.7	
2 Chlorotrifluoroethene	116	0.653	0.653	0.000	74	50051	50.0	37.3	
3 Dichlorodifluoromethane	85	0.665	0.665	0.000	100	170307	50.0	55.0	
4 1,1-Difluoroethane	65	0.671	0.653	0.018	76	197558	50.0	42.2	a
5 Chlorodifluoromethane	67	0.671	0.671	0.000	90	197558	50.0	42.4	
6 Chloromethane	50	0.744	0.744	0.000	99	117628	50.0	46.2	
7 Vinyl chloride	62	0.787	0.787	0.000	98	156316	50.0	51.3	
8 Butadiene	54	0.805	0.805	0.000	92	132238	50.0	49.9	
9 Bromomethane	94	0.933	0.933	0.000	98	68536	50.0	40.8	
10 Chloroethane	64	0.976	0.976	0.000	98	94672	50.0	45.1	
11 Dichlorofluoromethane	67	1.068	1.068	0.000	99	247343	50.0	51.4	
12 Trichlorofluoromethane	101	1.098	1.098	0.000	99	247200	50.0	52.6	
13 Pentane	72	1.135	1.135	0.000	94	53081	100.0	96.0	
14 Ethanol	45	1.208	1.202	0.006	93	17381	2000.0	1655.7	
15 1,2-Dichloro-1,1,2-trifluo	117	1.244	1.238	0.006	87	141422	50.0	51.0	
16 Ethyl ether	59	1.238	1.238	0.000	50	96789	50.0	46.1	
17 2-Methyl-1,3-butadiene	53	1.244	1.244	0.000	79	110679	50.0	49.8	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.275	1.275	0.000	96	211358	50.0	51.5	a
19 Acrolein	56	1.299	1.299	0.000	96	23019	100.0	103.1	
20 1,1-Dichloroethene	96	1.348	1.342	0.006	96	137548	50.0	51.6	a
21 1,1,2-Trichloro-1,2,2-trif	101	1.348	1.348	0.000	79	158384	50.0	52.0	
22 Acetone	43	1.385	1.378	0.007	88	130093	250.0	212.5	
23 Iodomethane	142	1.421	1.421	0.000	100	221095	50.0	59.0	
24 Carbon disulfide	76	1.452	1.452	0.000	99	416993	50.0	50.0	
25 Isopropyl alcohol	45	1.470	1.464	0.006	52	58582	500.0	464.0	
26 Acetonitrile	40	1.531	1.531	0.000	80	66957	500.0	495.6	
27 3-Chloro-1-propene	76	1.537	1.537	0.000	93	86945	50.0	51.3	
28 Methyl acetate	43	1.555	1.555	0.000	96	146828	100.0	98.2	
29 Cyclopentene	67	1.580	1.580	0.000	96	333755	50.0	52.6	
30 Methylene Chloride	84	1.604	1.604	0.000	83	141308	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
* 31 TBA-d9 (IS)	66	1.641	1.641	0.000	99	45365	1000.0	1000.0	
40 2-Methyl-2-propanol	59	1.689	1.683	0.006	98	125139	500.0	486.8	a
32 Acrylonitrile	53	1.744	1.744	0.000	94	403973	500.0	516.5	
33 trans-1,2-Dichloroethene	96	1.763	1.756	0.007	84	154620	50.0	50.7	a
34 Methyl tert-butyl ether	73	1.769	1.769	0.000	95	387098	50.0	49.8	
35 Hexane	57	1.933	1.933	0.000	89	168073	50.0	50.1	
36 1,1-Dichloroethane	63	2.012	2.012	0.000	100	235597	50.0	50.3	
37 Vinyl acetate	86	2.061	2.061	0.000	99	55918	100.0	80.2	
38 2-Chloro-1,3-butadiene	88	2.073	2.073	0.000	75	150005	50.0	51.6	
39 Isopropyl ether	45	2.080	2.080	0.000	83	352566	50.0	50.6	
41 Tert-butyl ethyl ether	59	2.323	2.323	0.000	90	385381	50.0	48.9	
* 42 2-Butanone-d5	46	2.390	2.384	0.006	83	258840	250.0	250.0	
43 2,2-Dichloropropane	97	2.409	2.403	0.006	80	54621	50.0	46.8	
44 cis-1,2-Dichloroethene	96	2.409	2.409	0.000	98	168983	50.0	49.9	a
45 2-Butanone (MEK)	43	2.433	2.427	0.006	97	223520	250.0	256.2	
46 Propionitrile	54	2.470	2.470	0.000	98	162231	500.0	478.1	
47 Ethyl acetate	70	2.488	2.488	0.000	99	30278	100.0	100.8	
48 Isopropyl acetate	61	2.488	2.488	0.000	92	36353	50.0	45.8	
55 Methyl acrylate	55	2.506	2.506	0.000	95	121212	50.0	50.5	a
50 Chlorobromomethane	128	2.579	2.579	0.000	52	77298	50.0	47.2	
49 Methacrylonitrile	67	2.579	2.579	0.000	86	565305	500.0	529.6	
51 Tetrahydrofuran	72	2.628	2.622	0.006	75	34948	100.0	84.0	
52 Chloroform	83	2.653	2.647	0.006	100	261206	50.0	50.9	
$ 53 Dibromofluoromethane (Surr	113	2.775	2.775	0.000	82	150261	50.0	50.2	
54 1,1,1-Trichloroethane	97	2.781	2.781	0.000	97	244022	50.0	50.5	
56 Cyclohexane	84	2.823	2.823	0.000	85	217365	50.0	52.1	
57 Carbon tetrachloride	117	2.915	2.915	0.000	97	219929	50.0	48.6	
58 1,1-Dichloropropene	75	2.915	2.915	0.000	96	206449	50.0	50.3	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	97	147289	50.0	49.9	
60 Isobutyl alcohol	43	3.079	3.073	0.006	39	104575	1250.0	1284.7	a
61 Benzene	78	3.085	3.085	0.000	95	580382	50.0	48.7	
62 1,2-Dichloroethane	62	3.104	3.104	0.000	73	172110	50.0	47.7	
63 Isooctane	57	3.177	3.177	0.000	99	312506	50.0	51.3	
64 Tert-amyl methyl ether	73	3.213	3.213	0.000	83	395311	50.0	50.8	
* 65 Fluorobenzene	96	3.335	3.335	0.000	99	521225	50.0	50.0	
66 n-Heptane	43	3.354	3.354	0.000	83	118825	50.0	50.6	a
67 Trichloroethene	95	3.677	3.671	0.006	99	176994	50.0	47.8	
68 n-Butanol	56	3.695	3.695	0.000	59	83750	1250.0	1302.4	
69 Ethyl acrylate	55	3.841	3.841	0.000	97	312438	50.0	50.1	
70 Methylcyclohexane	83	3.854	3.854	0.000	86	236763	50.0	51.7	
71 1,2-Dichloropropane	63	3.884	3.884	0.000	87	133794	50.0	49.5	
72 Dibromomethane	93	4.000	4.000	0.000	66	93392	50.0	47.3	
* 73 1,4-Dioxane-d8	96	4.006	4.006	0.000	16	33465	1000.0	1000.0	
74 1,4-Dioxane	88	4.061	4.055	0.006	32	31067	1000.0	965.2	
75 Methyl methacrylate	100	4.067	4.067	0.000	80	85987	100.0	101.2	a
76 n-Propyl acetate	43	4.152	4.152	0.000	96	148686	50.0	50.4	a
77 Dichlorobromomethane	83	4.183	4.183	0.000	99	197726	50.0	49.4	
78 2-Nitropropane	41	4.439	4.439	0.000	96	60700	100.0	93.2	a
79 2-Chloroethyl vinyl ether	63	4.561	4.561	0.000	94	97496	50.1	50.6	
80 Epichlorohydrin	57	4.597	4.597	0.000	99	259040	1000.0	981.0	
85 cis-1,3-Dichloropropene	75	4.683	4.683	0.000	90	234209	50.0	50.3	a
82 4-Methyl-2-pentanone (MIBK	43	4.902	4.902	0.000	93	503162	250.0	239.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.981	4.981	0.000	99	546807	50.0	50.0	
84 Toluene	91	5.055	5.055	0.000	93	639851	50.0	49.7	
81 trans-1,3-Dichloropropene	75	5.366	5.366	0.000	95	215113	50.0	49.3	a
86 Ethyl methacrylate	69	5.555	5.555	0.000	84	166042	50.0	48.4	a
87 1,1,2-Trichloroethane	83	5.579	5.579	0.000	94	105025	50.0	48.0	
88 Tetrachloroethene	166	5.719	5.719	0.000	93	156263	50.0	48.9	
89 1,3-Dichloropropane	76	5.780	5.780	0.000	90	207001	50.0	49.2	
90 2-Hexanone	43	5.969	5.969	0.000	92	339235	250.0	235.2	
91 Chlorodibromomethane	129	6.061	6.054	0.007	96	154255	50.0	47.9	
92 Ethylene Dibromide	107	6.164	6.164	0.000	97	138521	50.0	47.0	
93 n-Butyl acetate	43	6.195	6.195	0.000	97	155780	50.0	48.4	
* 94 Chlorobenzene-d5	117	6.835	6.835	0.000	85	413159	50.0	50.0	
95 Chlorobenzene	112	6.871	6.871	0.000	95	402889	50.0	48.4	
96 1,1,1,2-Tetrachloroethane	131	7.018	7.018	0.000	96	144351	50.0	49.0	
97 Ethylbenzene	106	7.079	7.079	0.000	98	217942	50.0	49.7	
98 m-Xylene & p-Xylene	106	7.262	7.262	0.000	95	260153	50.0	49.5	
99 o-Xylene	106	7.835	7.828	0.007	94	246909	50.0	49.1	
100 Styrene	104	7.865	7.865	0.000	94	418728	50.0	49.6	
101 n-Butyl acrylate	73	7.957	7.957	0.000	98	93478	50.0	47.9	
102 Bromoform	173	8.078	8.078	0.000	93	95345	50.0	50.1	
103 Amyl acetate (mixed isomer	43	8.347	8.347	0.000	92	168324	50.0	50.2	
104 Isopropylbenzene	105	8.432	8.432	0.000	95	640698	50.0	51.4	a
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	154203	50.0	49.8	
106 Bromobenzene	156	8.798	8.798	0.000	98	146222	50.0	49.1	
107 1,1,2,2-Tetrachloroethane	83	8.950	8.950	0.000	92	131057	50.0	50.3	
108 1,2,3-Trichloropropane	110	8.956	8.956	0.000	89	49736	50.0	51.2	
109 trans-1,4-Dichloro-2-buten	53	9.048	9.042	0.006	97	42390	50.0	47.6	
110 N-Propylbenzene	91	9.084	9.084	0.000	98	760937	50.0	51.8	
111 2-Chlorotoluene	91	9.145	9.145	0.000	96	417090	50.0	50.1	
112 4-Ethyltoluene	105	9.286	9.286	0.000	98	604492	50.0	51.7	a
113 4-Chlorotoluene	91	9.334	9.334	0.000	98	408880	50.0	51.1	
114 1,3,5-Trimethylbenzene	105	9.401	9.401	0.000	92	482309	50.0	50.5	a
115 Butyl Methacrylate	87	9.712	9.712	0.000	85	165355	50.0	48.2	
116 tert-Butylbenzene	119	9.907	9.907	0.000	90	410707	50.0	49.5	a
117 1,2,4-Trimethylbenzene	105	9.987	9.987	0.000	98	483258	50.0	49.1	a
118 sec-Butylbenzene	105	10.273	10.273	0.000	99	575053	50.0	50.6	a
119 1,3-Dichlorobenzene	146	10.352	10.352	0.000	95	253824	50.0	49.7	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	97	188104	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.511	10.511	0.000	92	255779	50.0	48.6	
122 p-Diethylbenzene	119	10.554	10.554	0.000	75	466433	50.0	49.7	a
123 1,2,3-Trimethylbenzene	105	10.657	10.657	0.000	99	469582	50.0	50.8	
127 Benzyl chloride	91	10.779	10.779	0.000	99	302123	50.0	49.4	a
124 2,3-Dihydroindene	117	10.932	10.932	0.000	90	459865	50.0	49.1	
125 1,2-Dichlorobenzene	146	11.102	11.102	0.000	95	237215	50.0	49.3	
126 4-Isopropyltoluene	119	11.200	11.200	0.000	86	250388	50.0	49.1	a
128 n-Butylbenzene	92	11.230	11.230	0.000	97	226966	50.0	48.1	
129 1,2-Dibromo-3-Chloropropan	75	12.163	12.157	0.006	97	27503	50.0	50.0	
130 1,2,4,5-Tetramethylbenzene	119	12.200	12.200	0.000	96	377616	50.0	48.5	
131 1,3,5-Trichlorobenzene	180	12.401	12.401	0.000	94	127615	50.0	49.6	
132 1,2,4-Trichlorobenzene	180	13.010	13.010	0.000	95	110793	50.0	48.8	
133 Hexachlorobutadiene	225	13.206	13.206	0.000	54	40641	50.0	48.5	
134 Naphthalene	128	13.212	13.212	0.000	99	366806	50.0	48.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.431	13.431	0.000	95	98517	50.0	48.2	
S 136 1,2-Dichloroethene, Total	100				0		100.0	100.6	
S 137 Xylenes, Total	100				0		100.0	98.7	
S 138 Total BTEX	1				0		250.0	246.8	
S 139 1,3-Dichloropropene, Total	1				0		100.0	99.6	
S 140 Total 1,2-dichloroethene	1				0			100.6	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00096	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00105	Amount Added:	50.00	Units: uL	
524freon_00012	Amount Added:	50.00	Units: uL	
GASES Li_00335	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00028	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 04-Oct-2019 20:38:44 Chrom Revision: 2.3 17-Sep-2019 16:19:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D

Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15

Lims ID: STD50

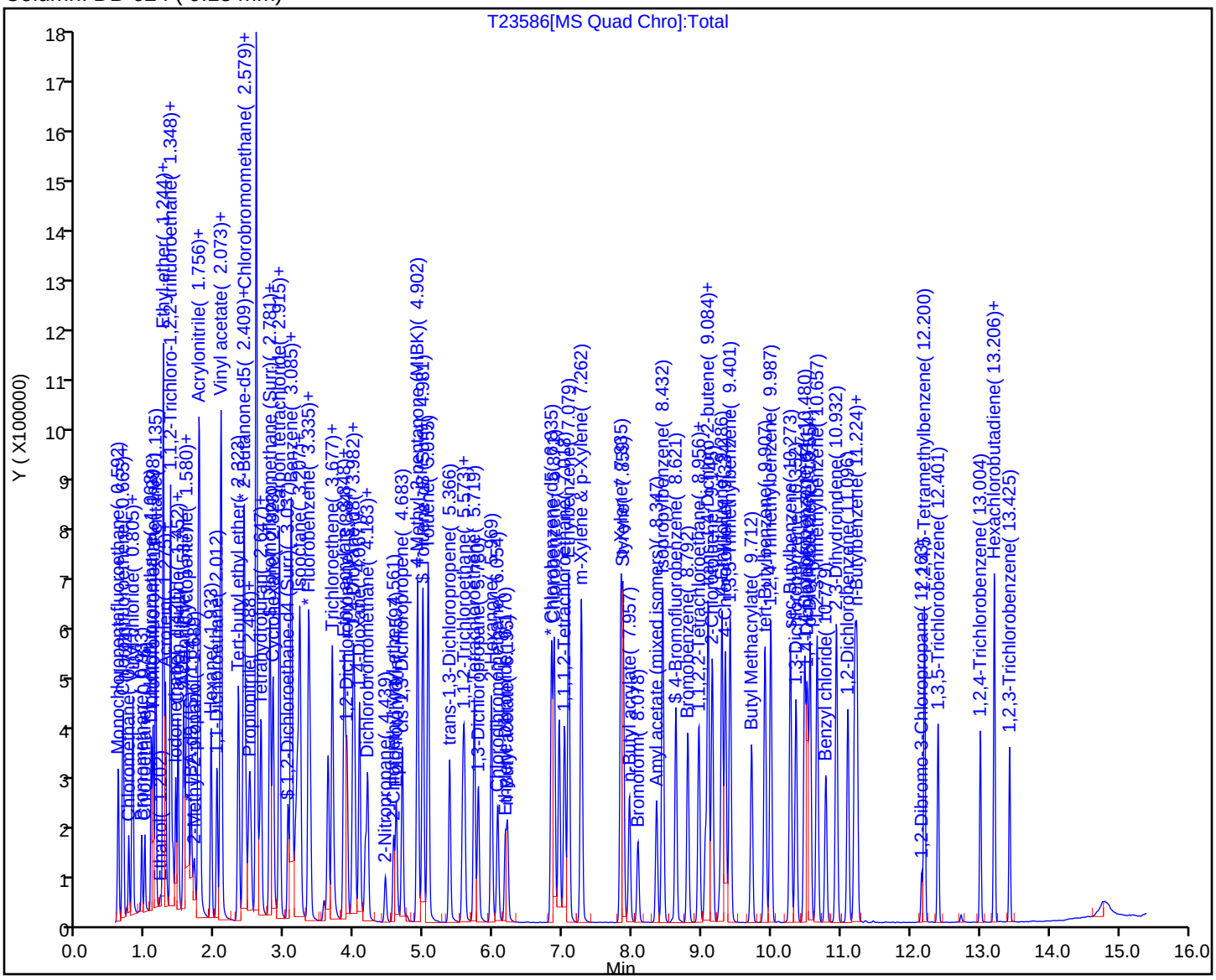
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

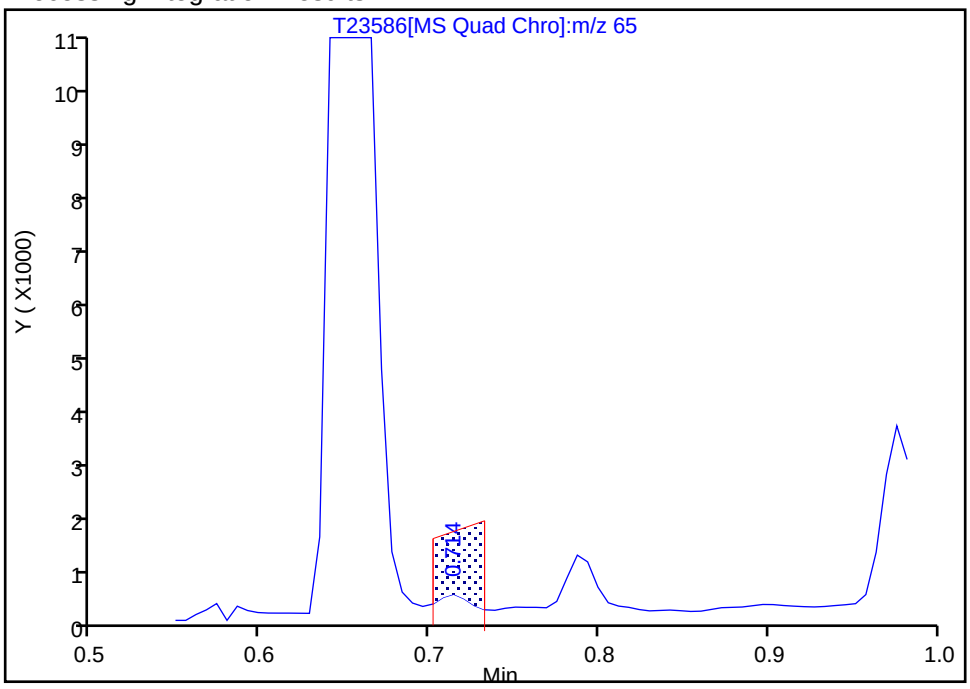
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

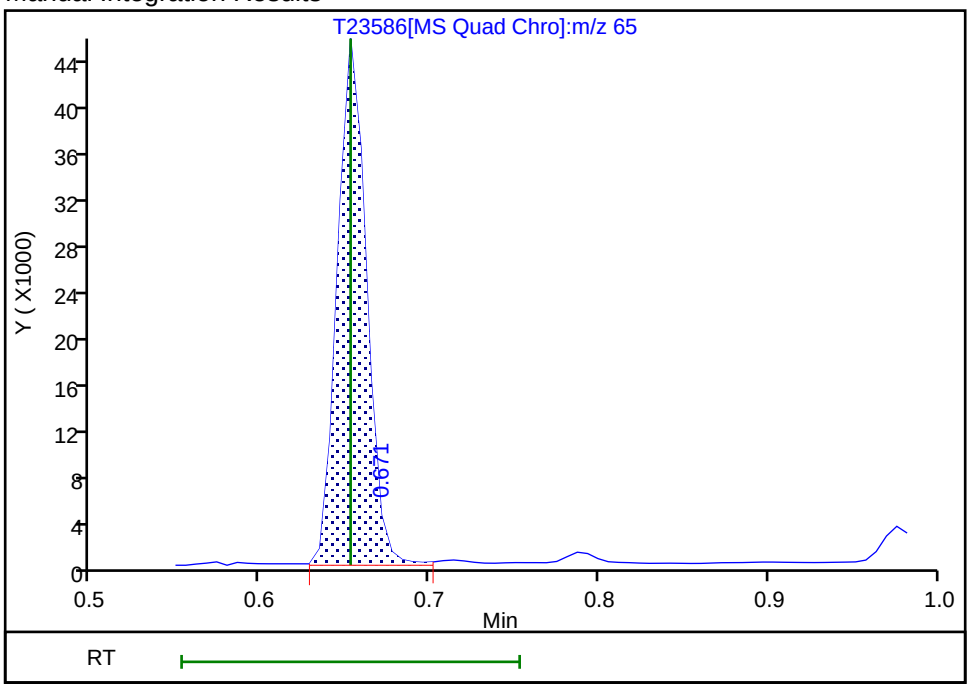
Processing Integration Results

RT: 0.71
Area: 3591
Amount: 10.616987
Amount Units: ug/l



Manual Integration Results

RT: 0.67
Area: 197558
Amount: 42.239180
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:18:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

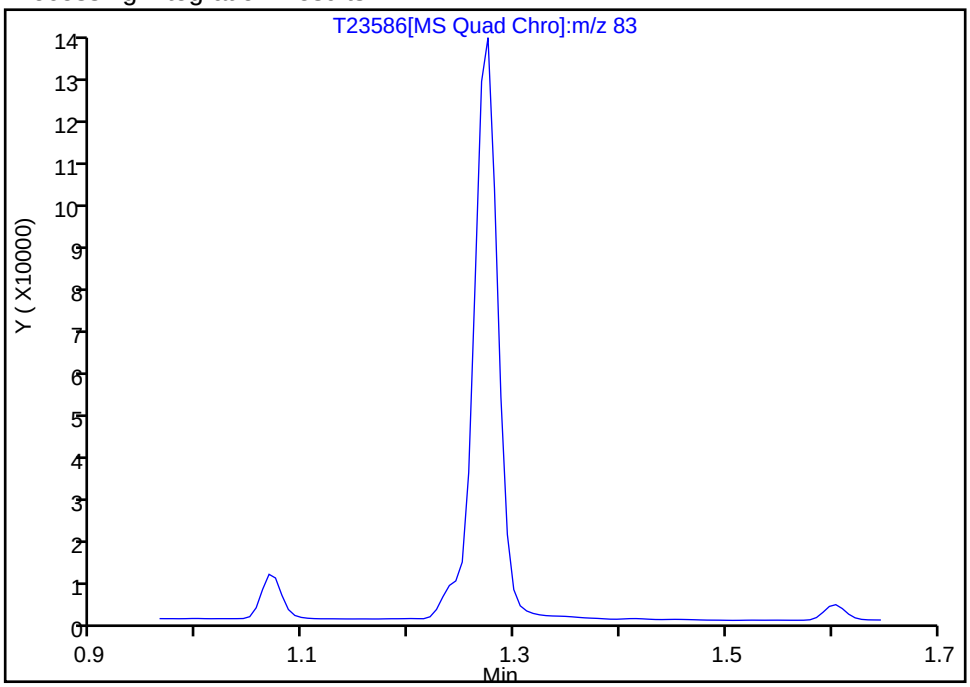
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

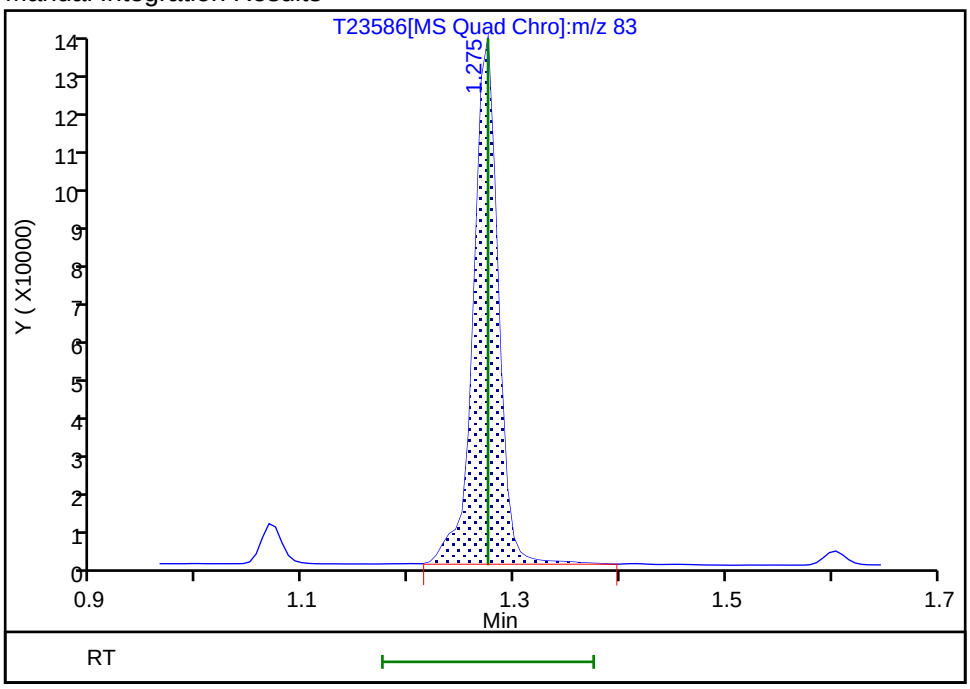
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.27
Area: 211358
Amount: 51.477774
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:18:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

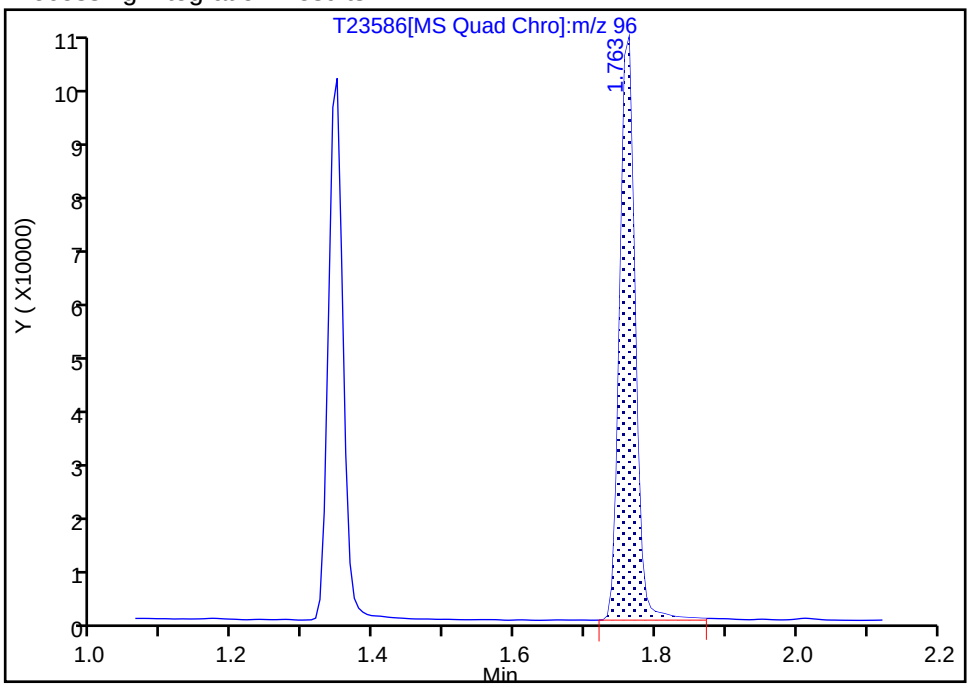
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D		
Injection Date:	04-Oct-2019 00:43:30	Instrument ID:	CVOAMS15
Lims ID:	STD50		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

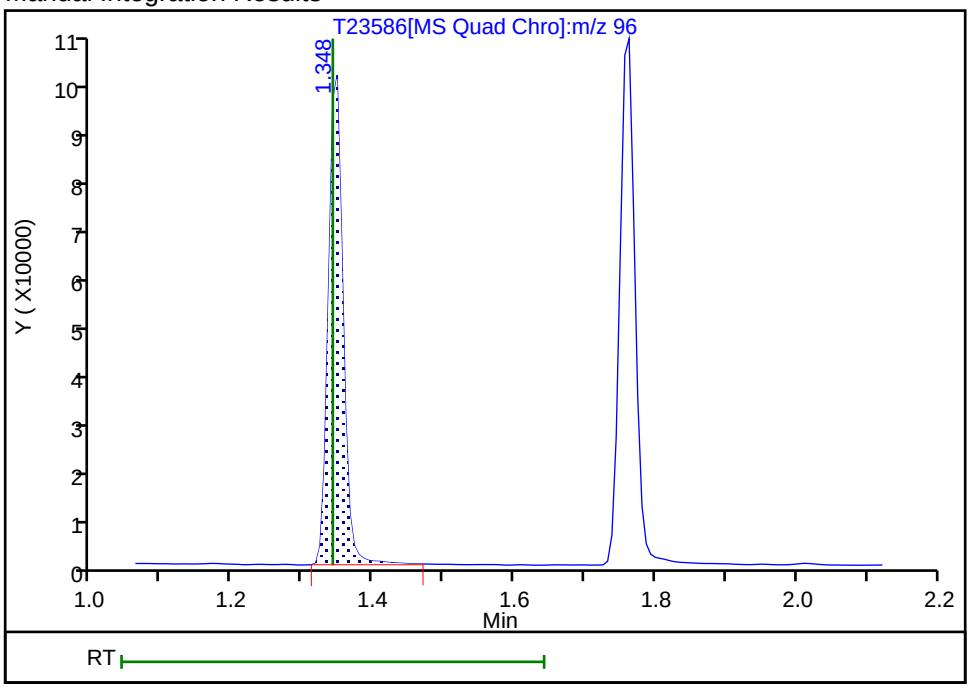
Processing Integration Results

RT: 1.76
Area: 154620
Amount: 50.737768
Amount Units: ug/l



Manual Integration Results

RT: 1.35
Area: 137548
Amount: 51.635192
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:19:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

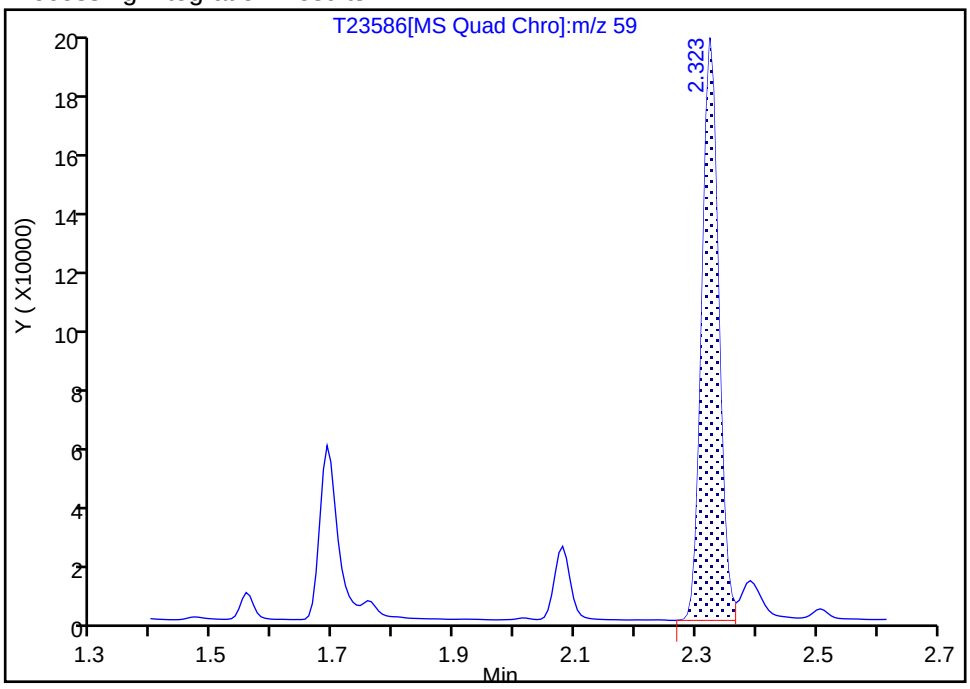
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

40 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

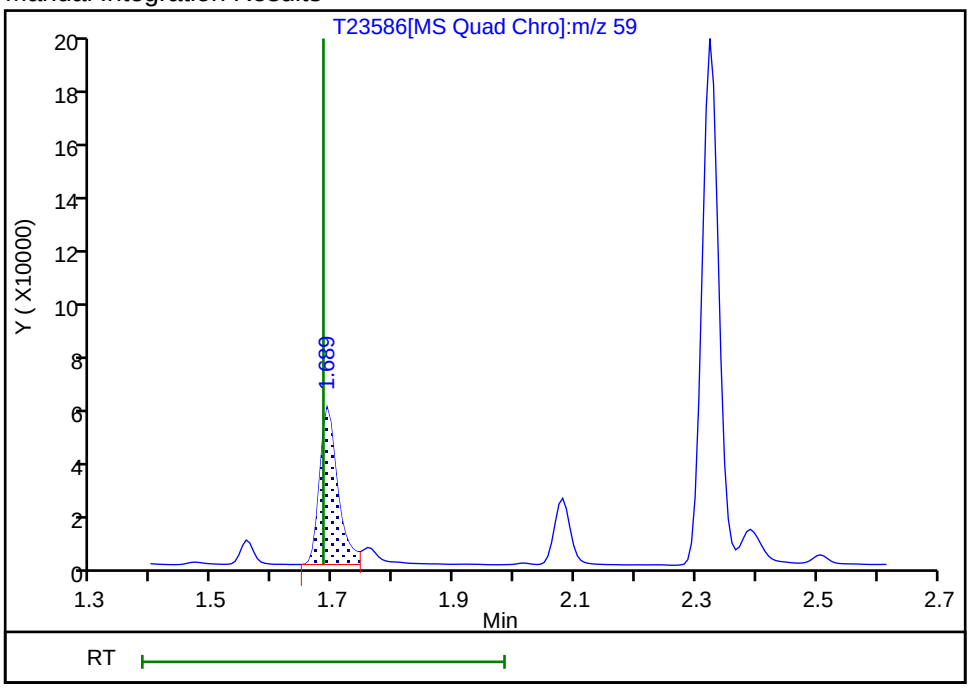
Processing Integration Results

RT: 2.32
Area: 385381
Amount: 506.0252
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 125139
Amount: 486.8499
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:32:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

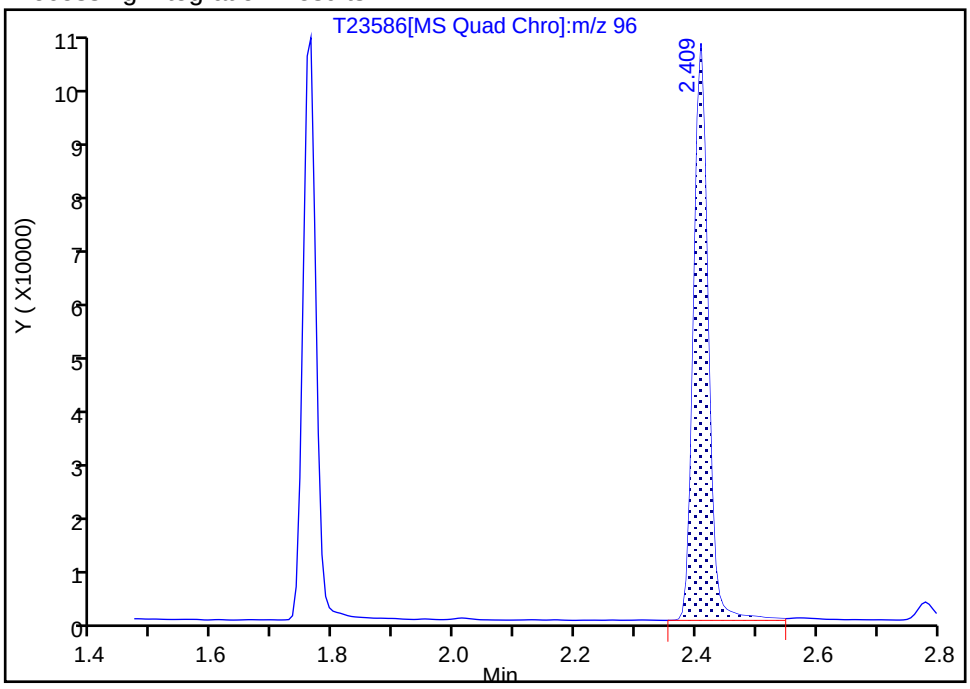
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

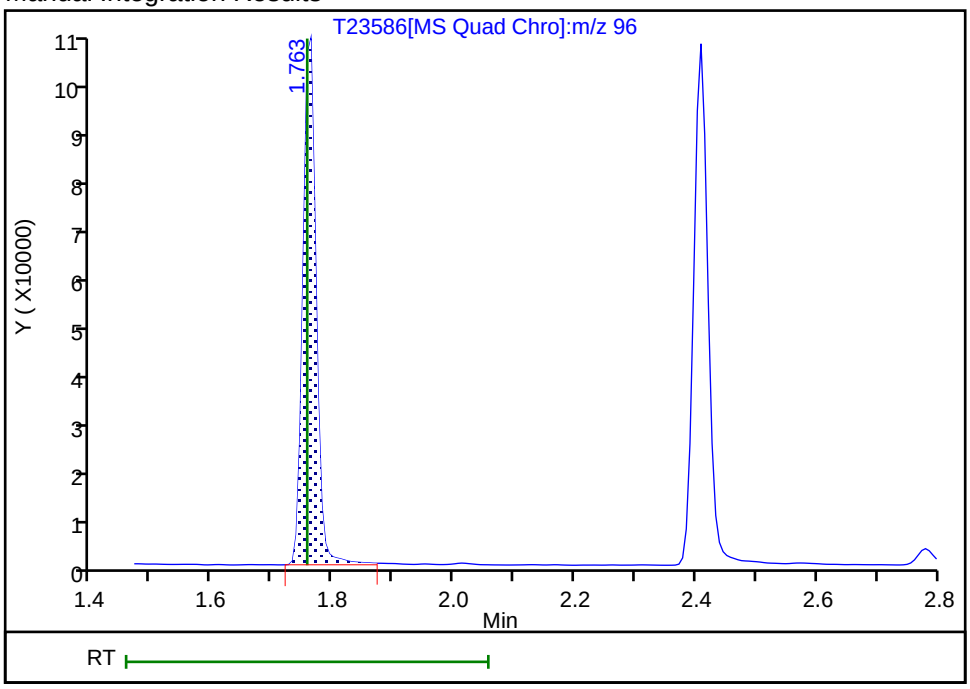
Processing Integration Results

RT: 2.41
Area: 168983
Amount: 49.789074
Amount Units: ug/l



Manual Integration Results

RT: 1.76
Area: 154620
Amount: 50.714388
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:19:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

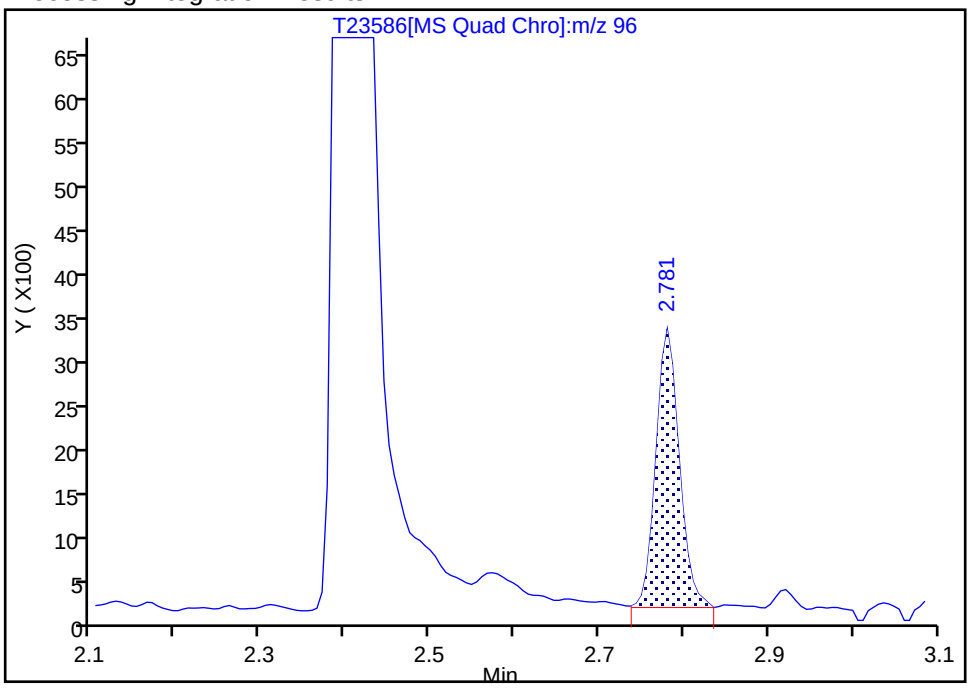
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

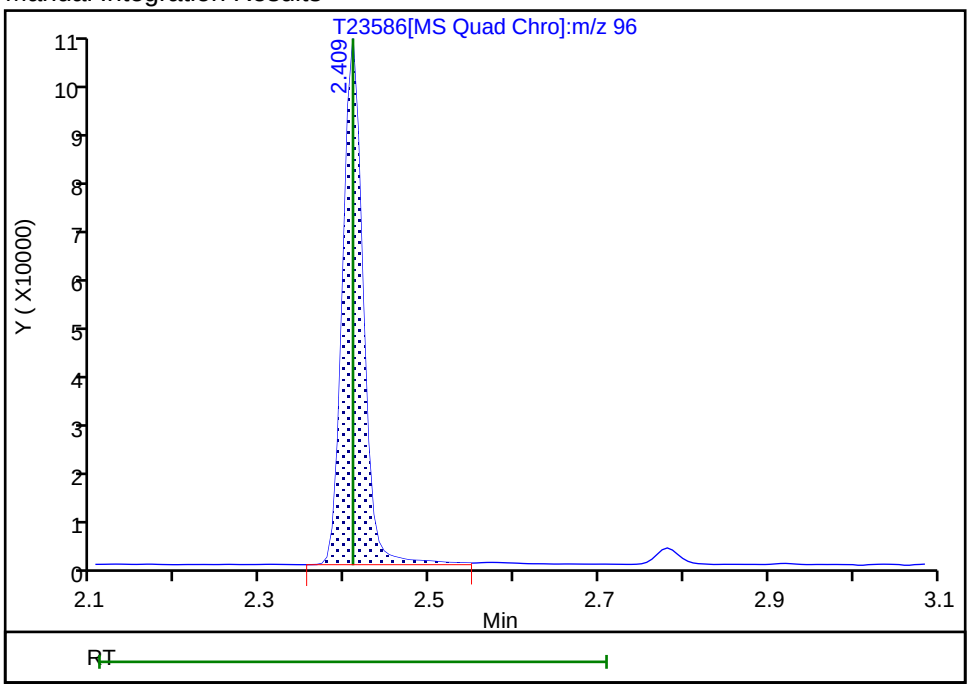
Processing Integration Results

RT: 2.78
Area: 6068
Amount: 46.468084
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 168983
Amount: 49.887428
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:18:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

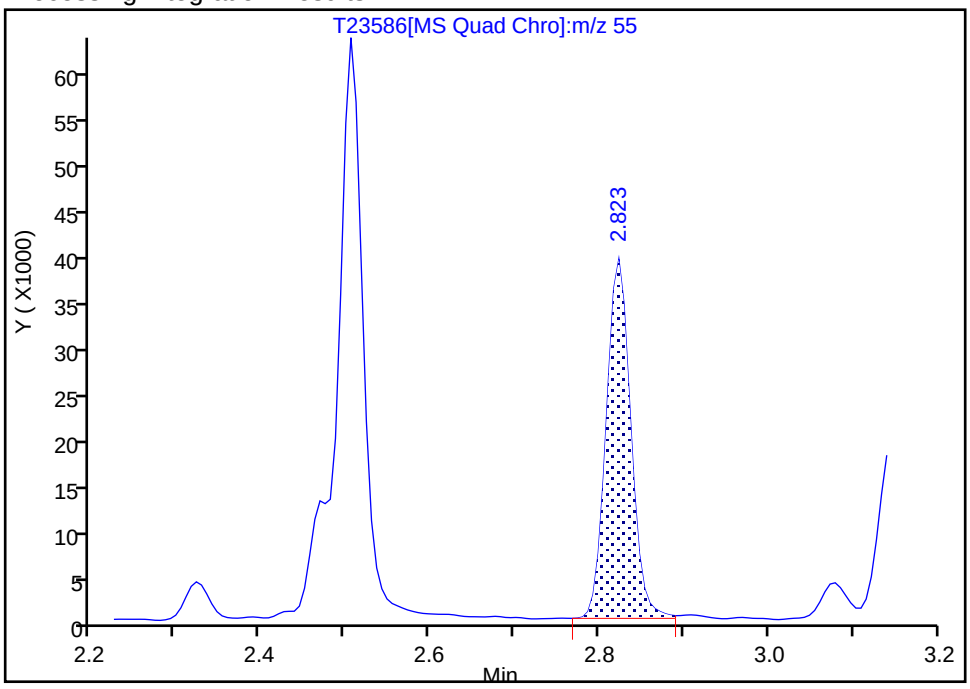
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

55 Methyl acrylate, CAS: 96-33-3

Signal: 1

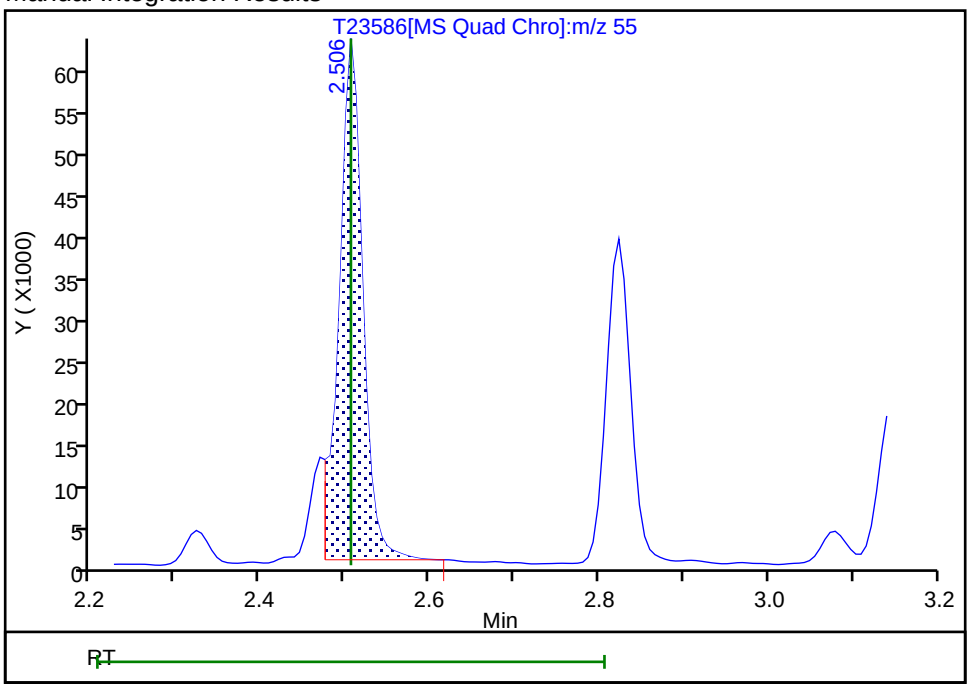
Processing Integration Results

RT: 2.82
Area: 78108
Amount: 34.225722
Amount Units: ug/l



Manual Integration Results

RT: 2.51
Area: 121212
Amount: 50.458264
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:37:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

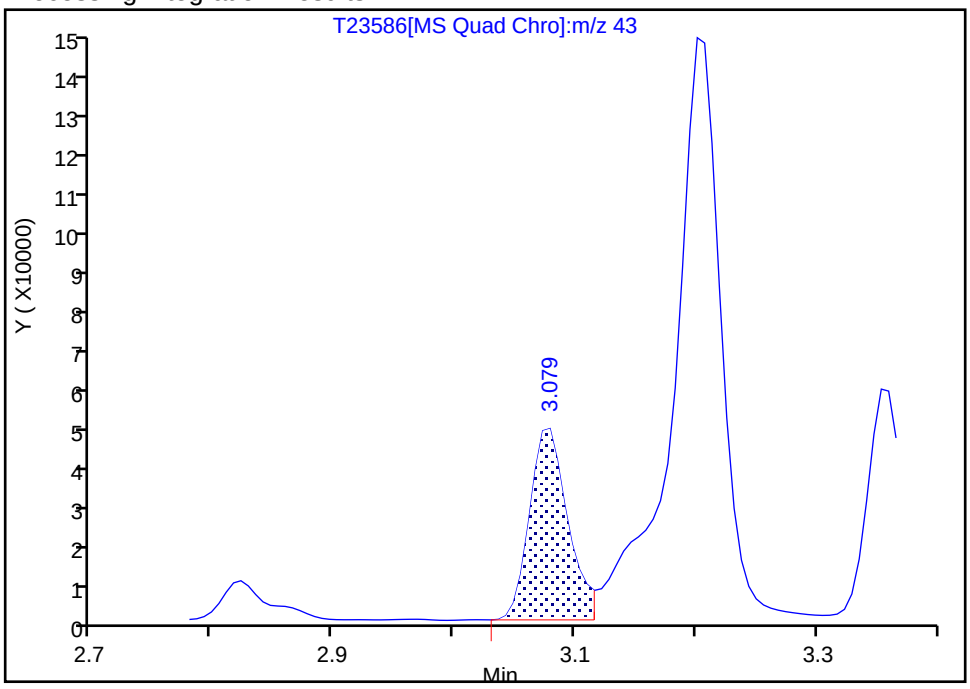
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

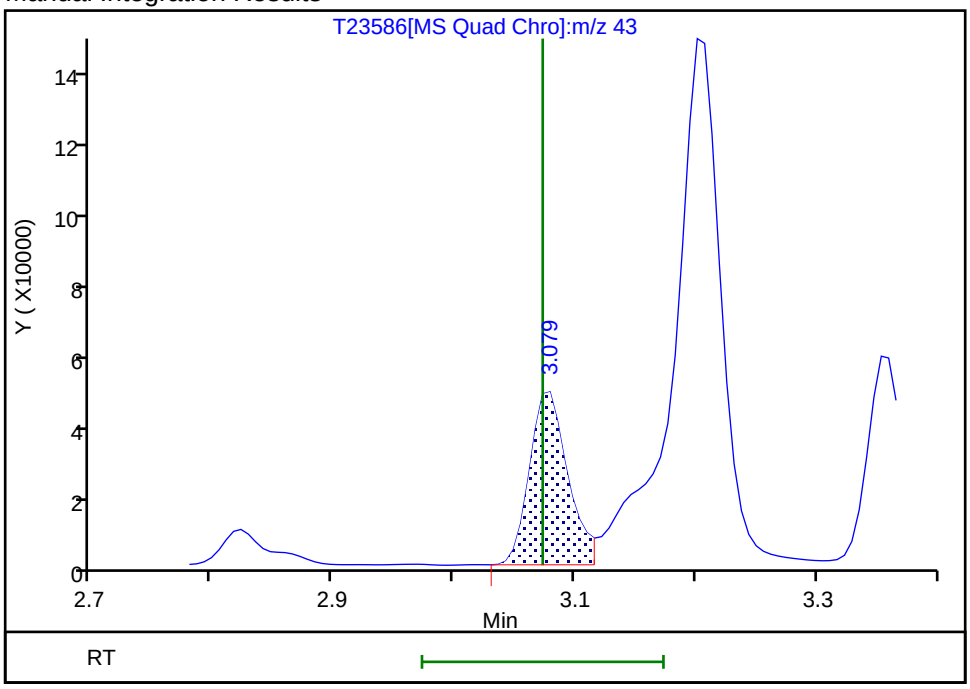
Processing Integration Results

RT: 3.08
Area: 104575
Amount: 1284.7261
Amount Units: ug/l



Manual Integration Results

RT: 3.08
Area: 104575
Amount: 1284.7261
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:37:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

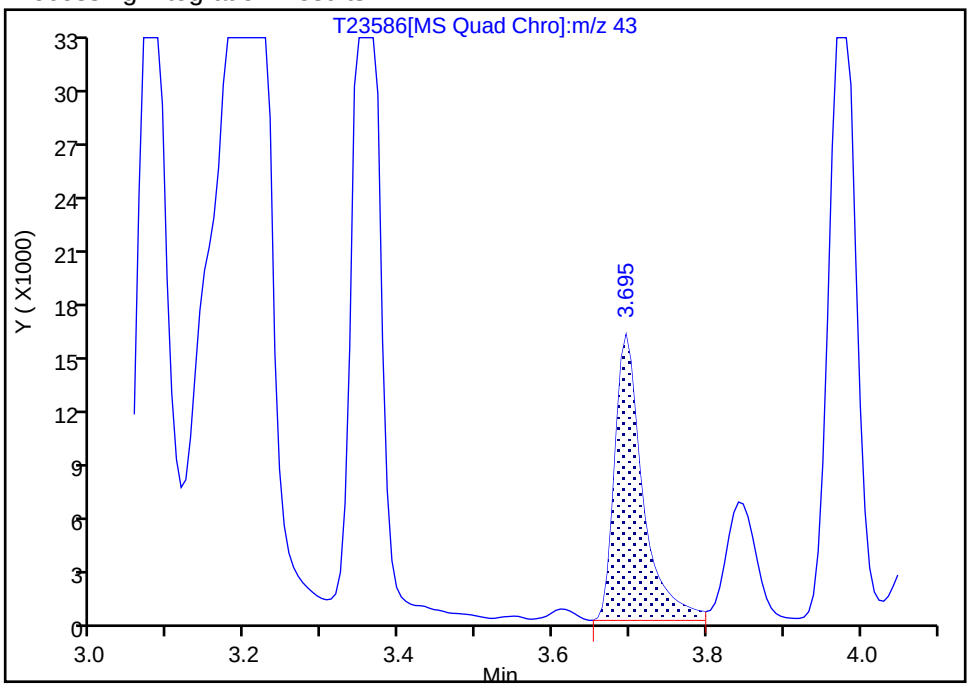
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Signal: 1

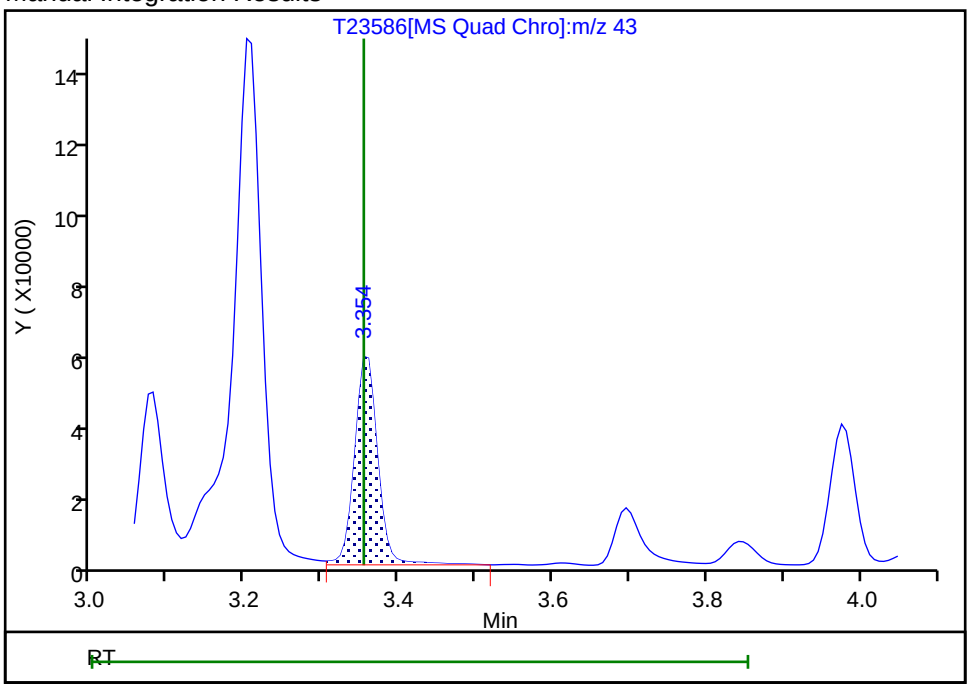
Processing Integration Results

RT: 3.70
Area: 39690
Amount: 27.132963
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 118825
Amount: 50.611824
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:53:49
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

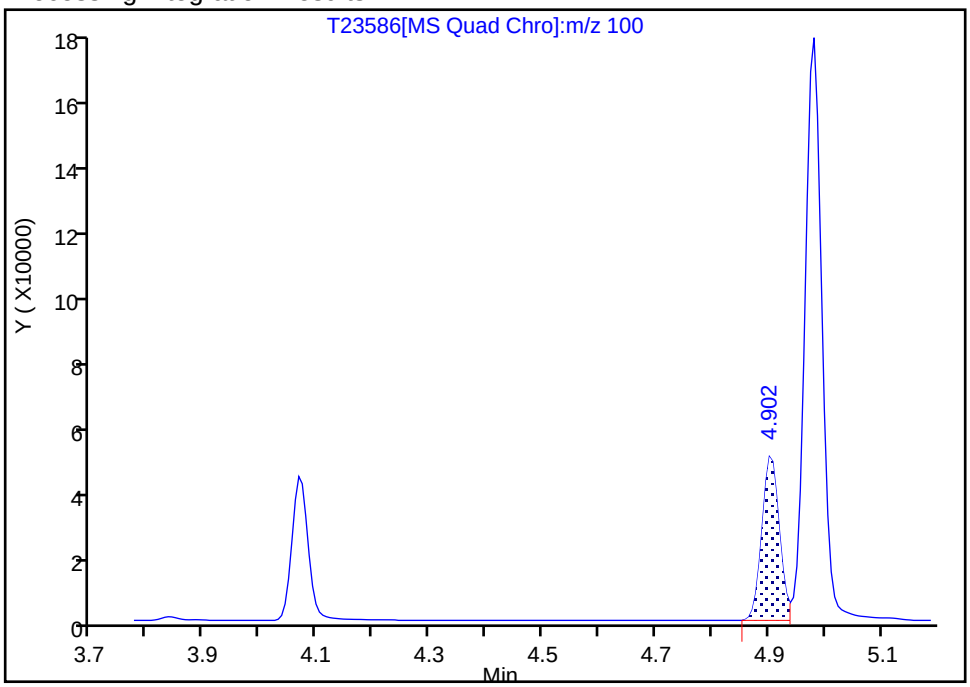
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 Methyl methacrylate, CAS: 80-62-6

Signal: 1

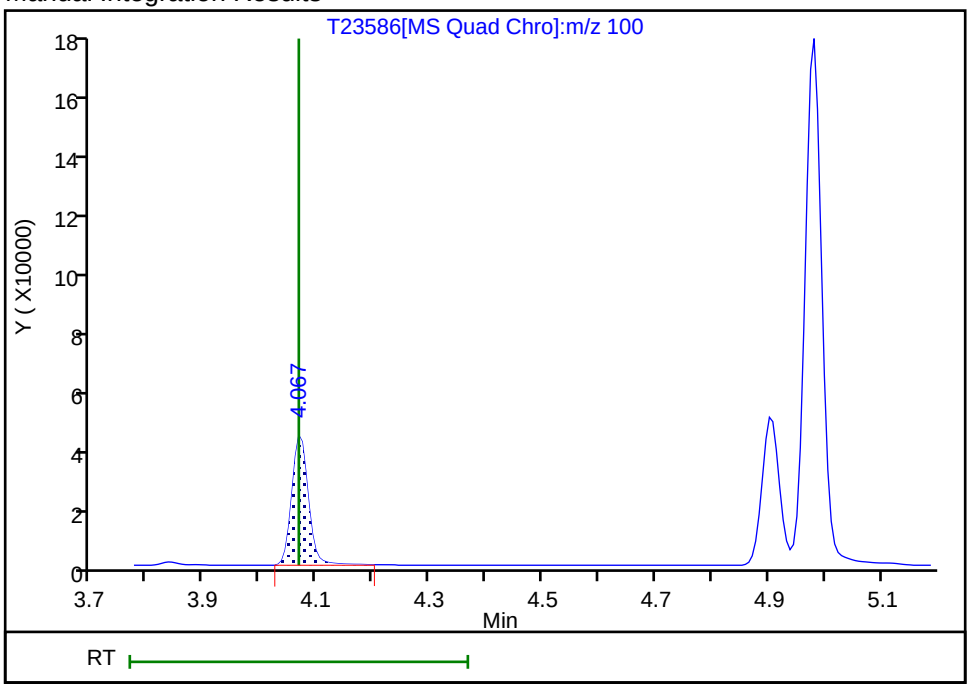
Processing Integration Results

RT: 4.90
Area: 103784
Amount: 1.363457
Amount Units: ug/l



Manual Integration Results

RT: 4.07
Area: 85987
Amount: 101.1740
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:53:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

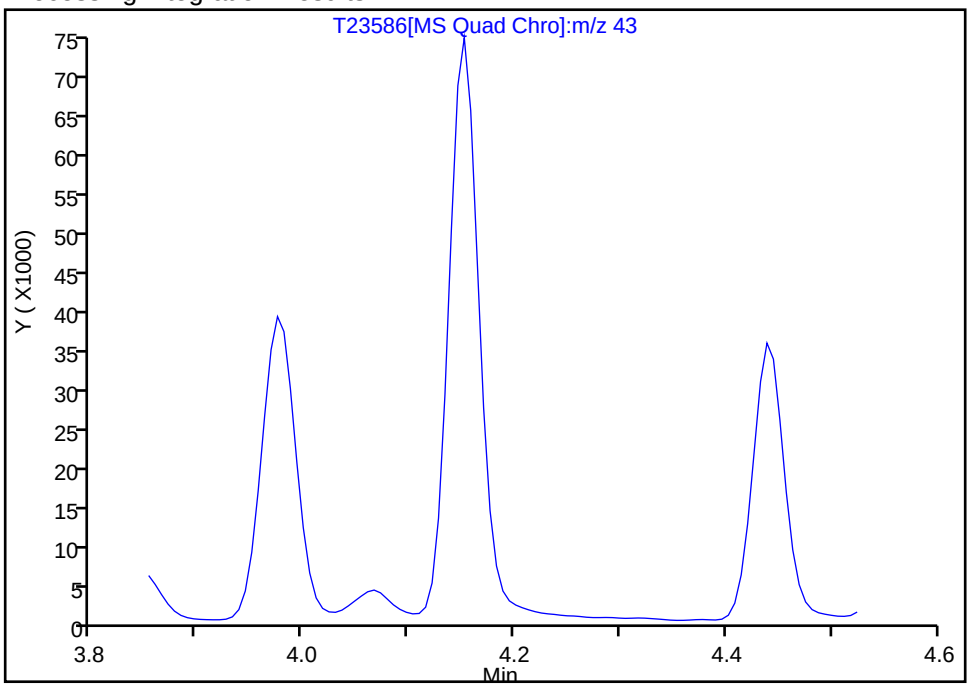
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

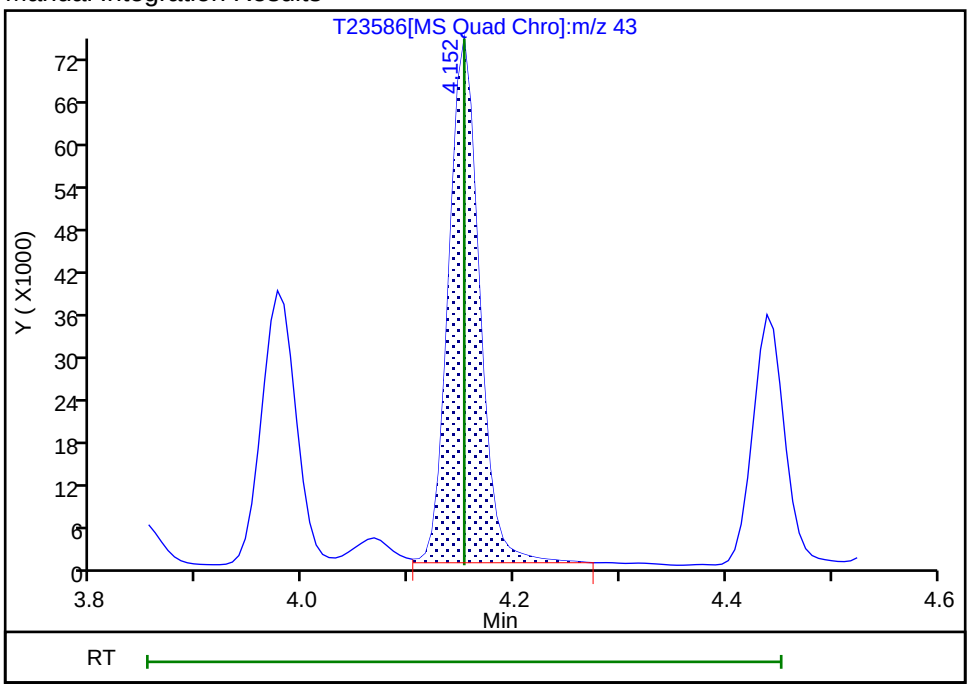
Not Detected
Expected RT: 4.15

Processing Integration Results



Manual Integration Results

RT: 4.15
Area: 148686
Amount: 50.423324
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:37:57
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

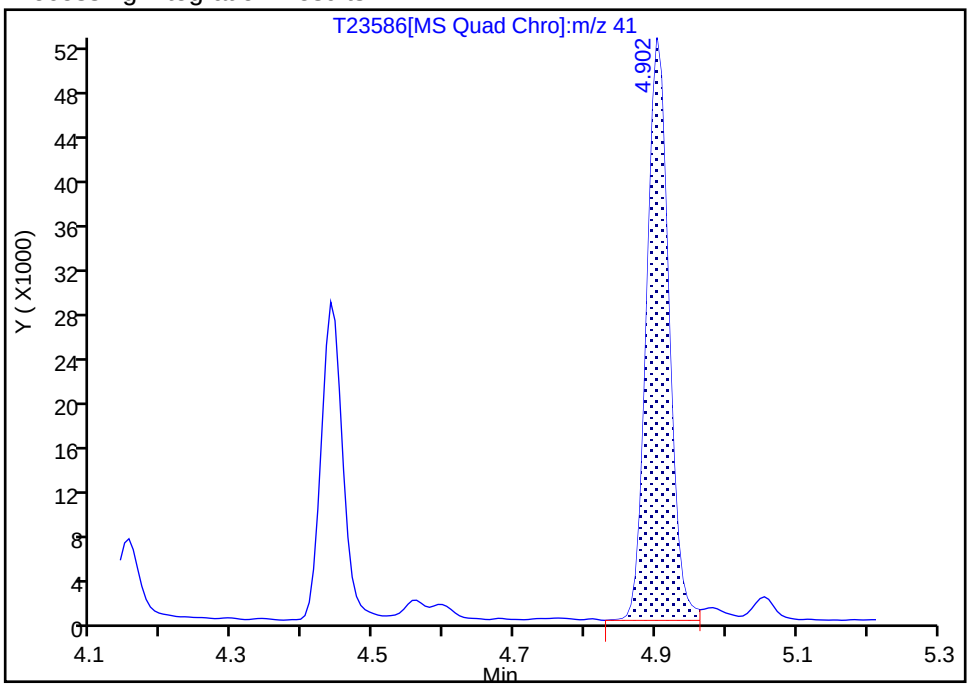
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

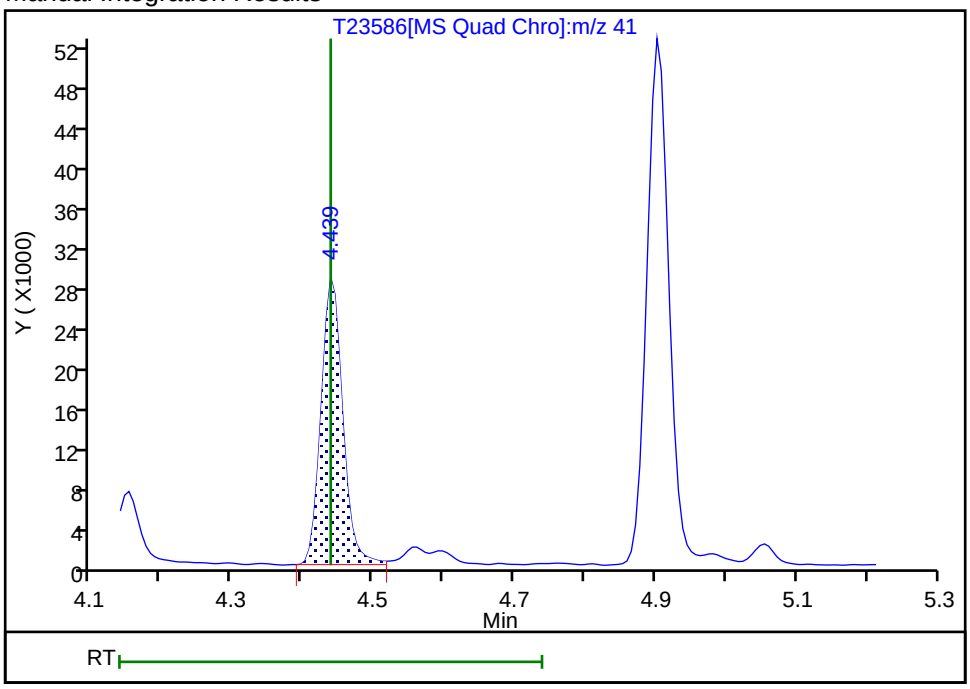
Processing Integration Results

RT: 4.90
Area: 114188
Amount: 95.282832
Amount Units: ug/l



Manual Integration Results

RT: 4.44
Area: 60700
Amount: 93.244755
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:54:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

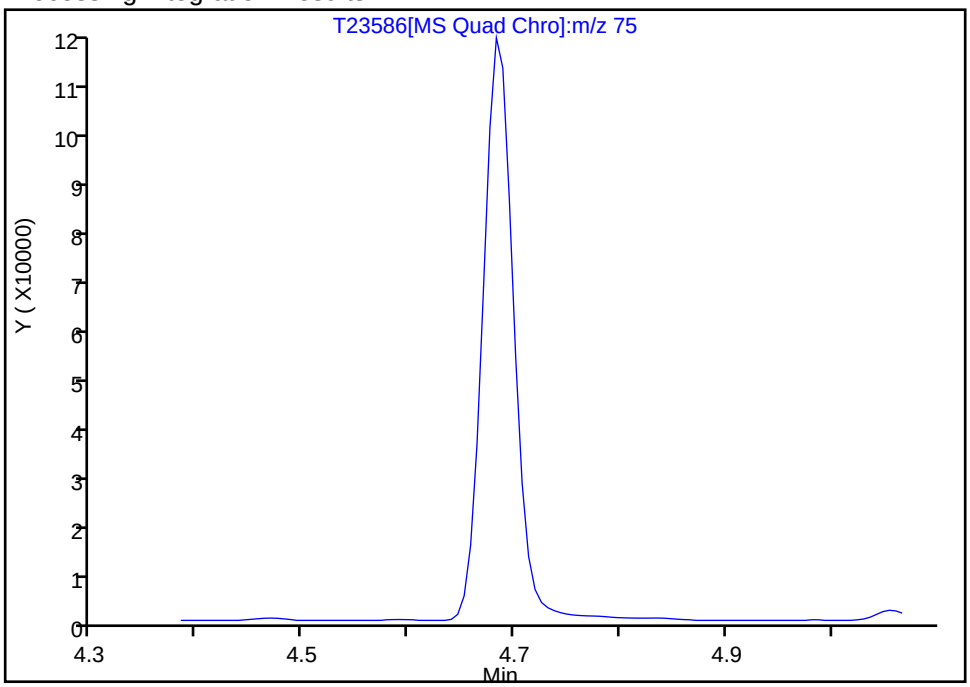
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

85 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

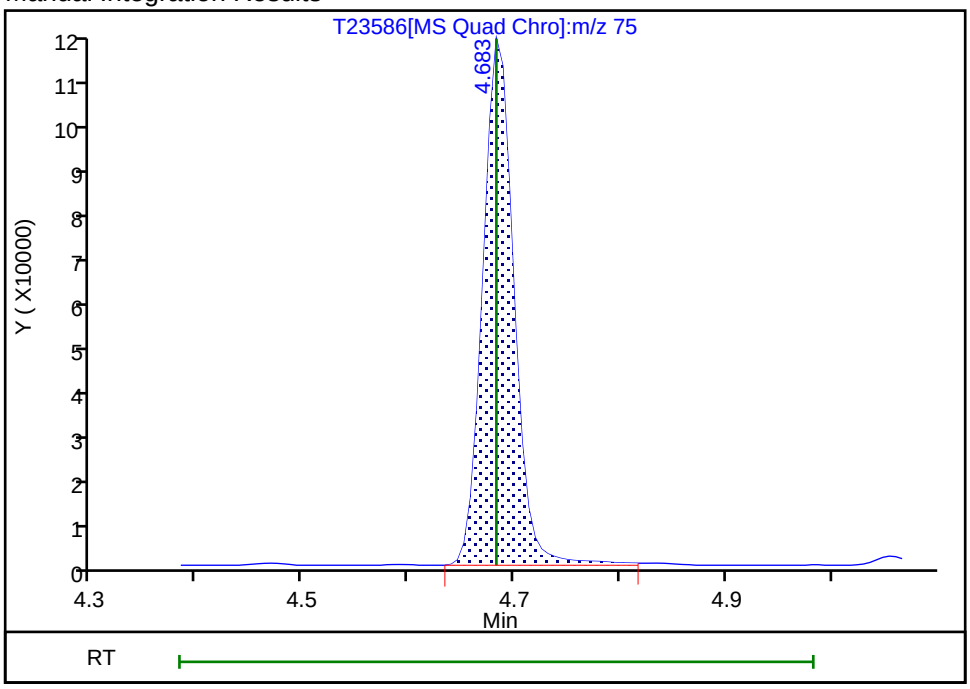
Not Detected
Expected RT: 4.68

Processing Integration Results



Manual Integration Results

RT: 4.68
Area: 234209
Amount: 50.290534
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:34:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

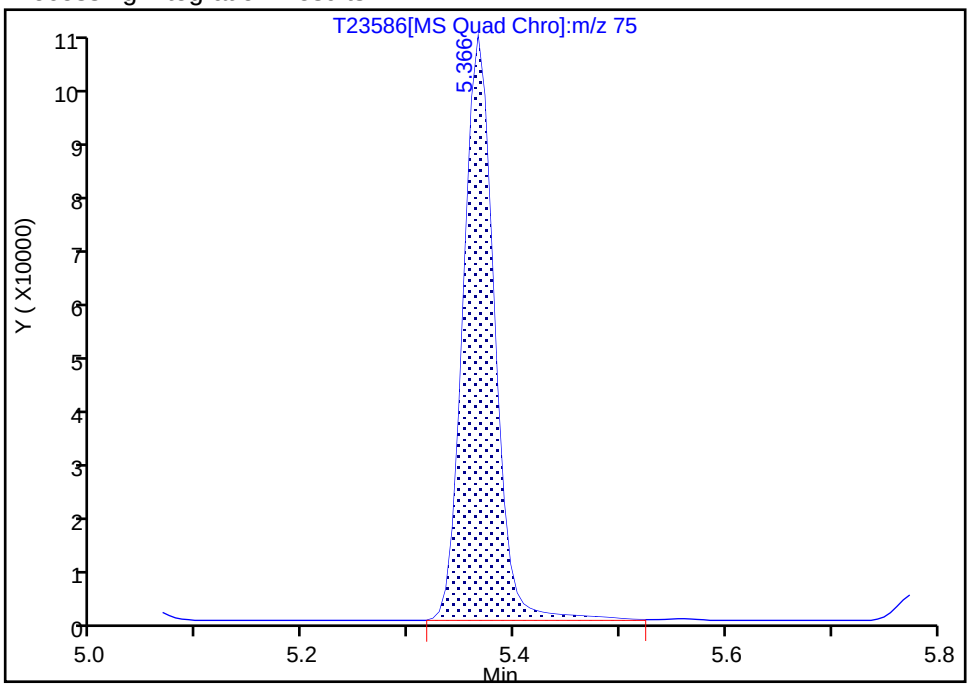
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D		
Injection Date:	04-Oct-2019 00:43:30	Instrument ID:	CVOAMS15
Lims ID:	STD50		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

81 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

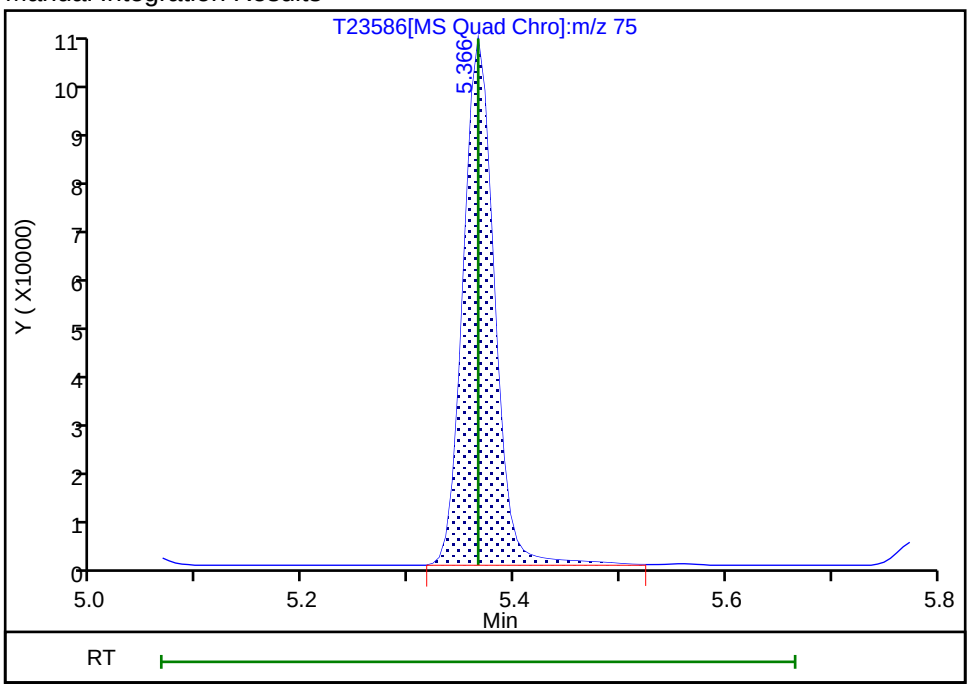
Processing Integration Results

RT: 5.37
Area: 215113
Amount: 47.583405
Amount Units: ug/l



Manual Integration Results

RT: 5.37
Area: 215113
Amount: 49.327335
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:34:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

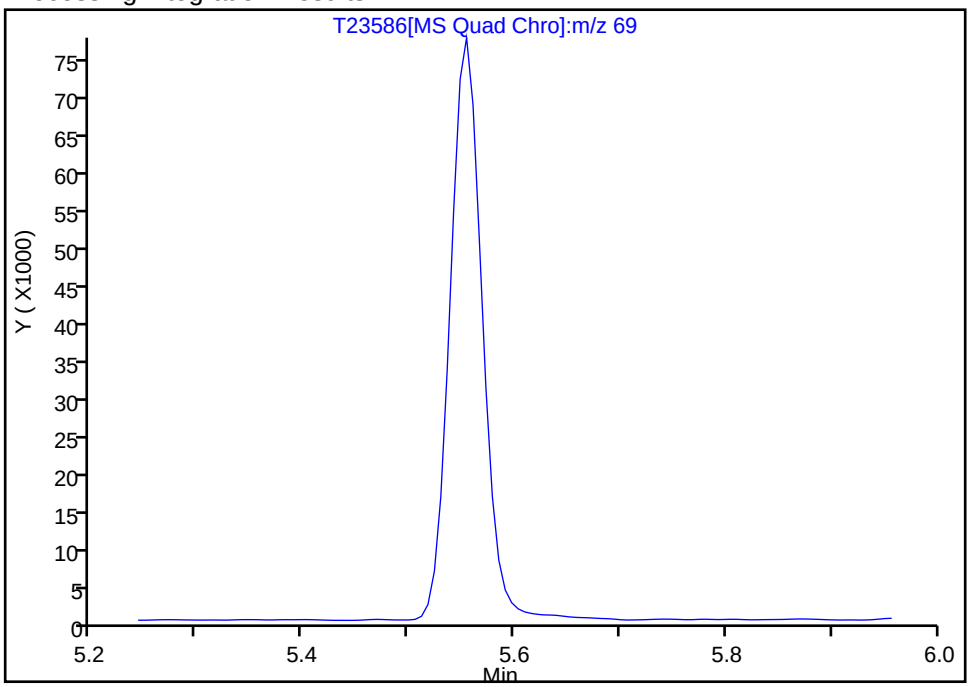
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

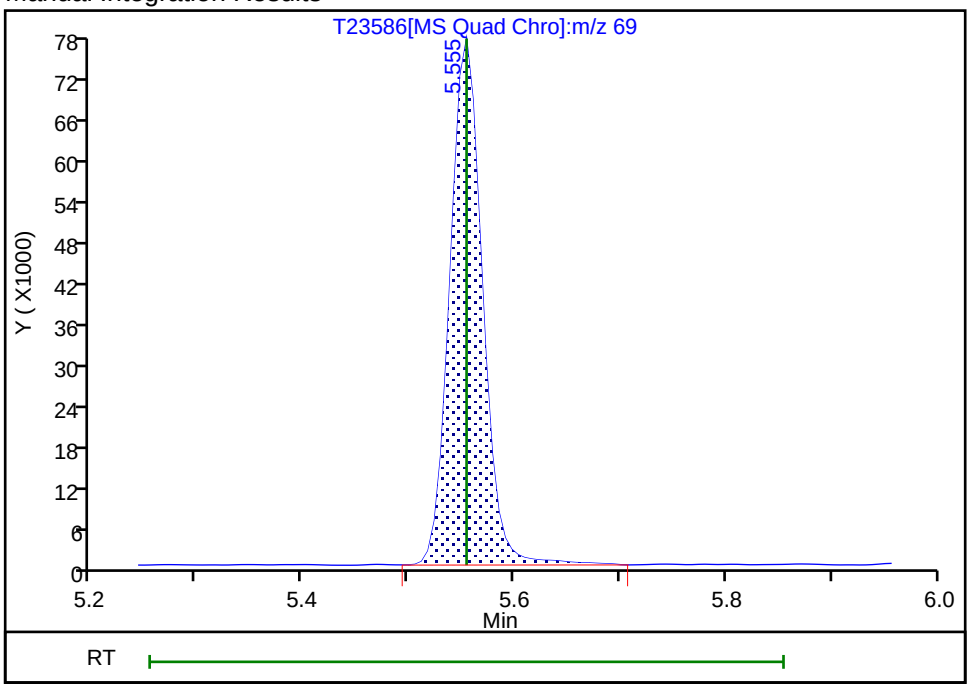
Not Detected
Expected RT: 5.55

Processing Integration Results



Manual Integration Results

RT: 5.55
Area: 166042
Amount: 48.373079
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:20:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

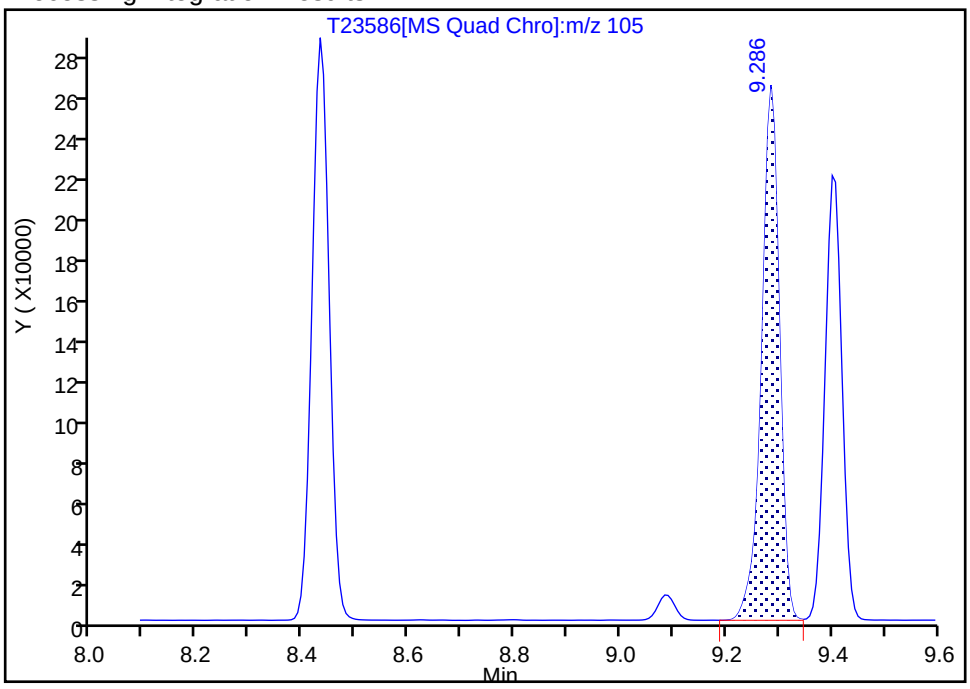
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

104 Isopropylbenzene, CAS: 98-82-8

Signal: 1

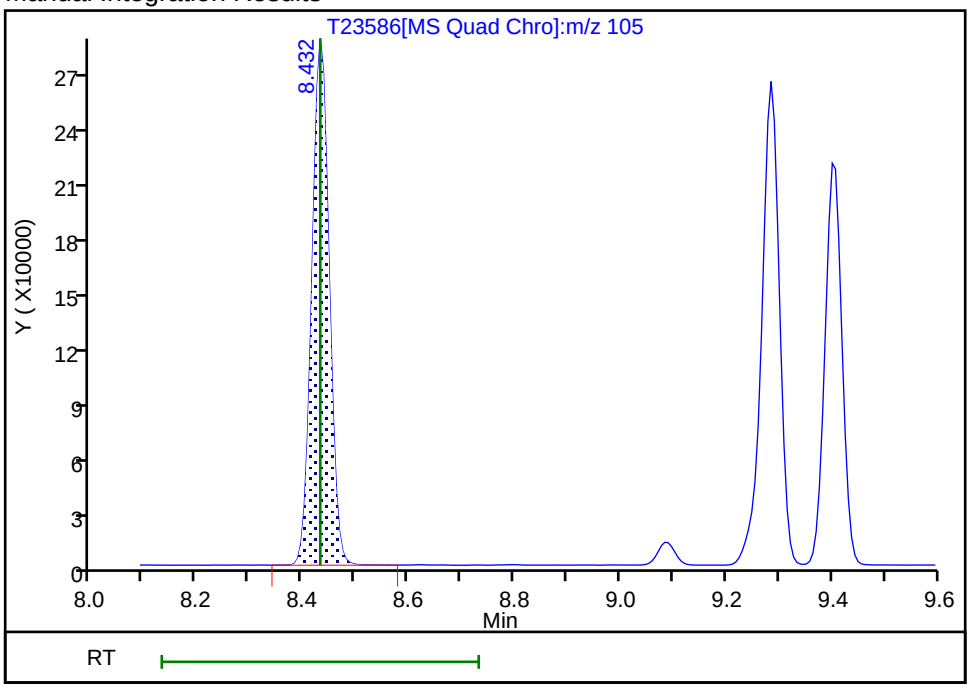
Processing Integration Results

RT: 9.29
Area: 604492
Amount: 50.681844
Amount Units: ug/l



Manual Integration Results

RT: 8.43
Area: 640698
Amount: 51.434332
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:33:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

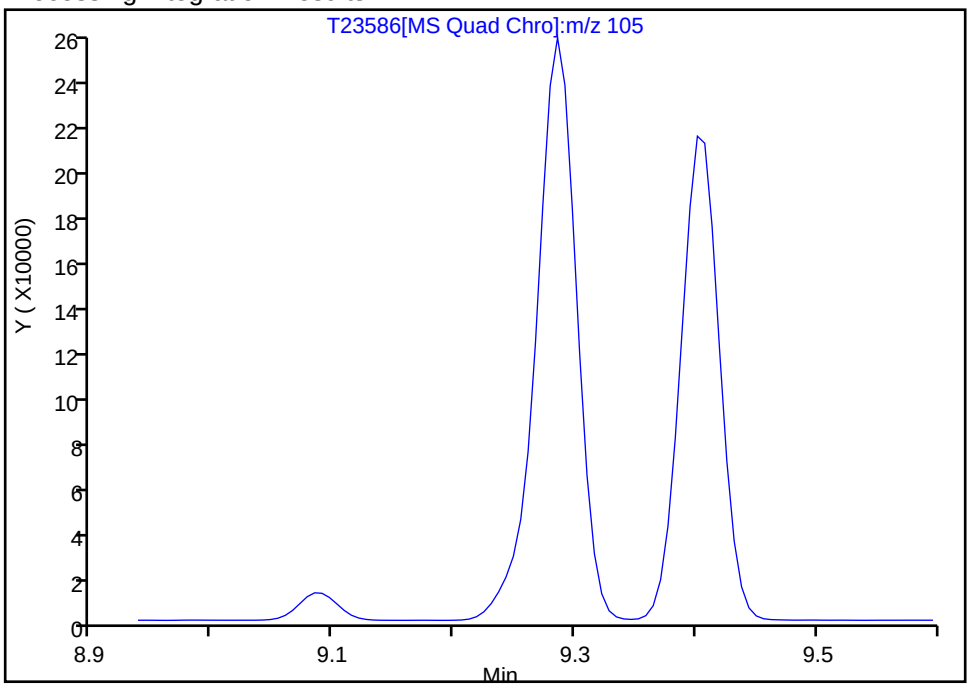
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

112 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

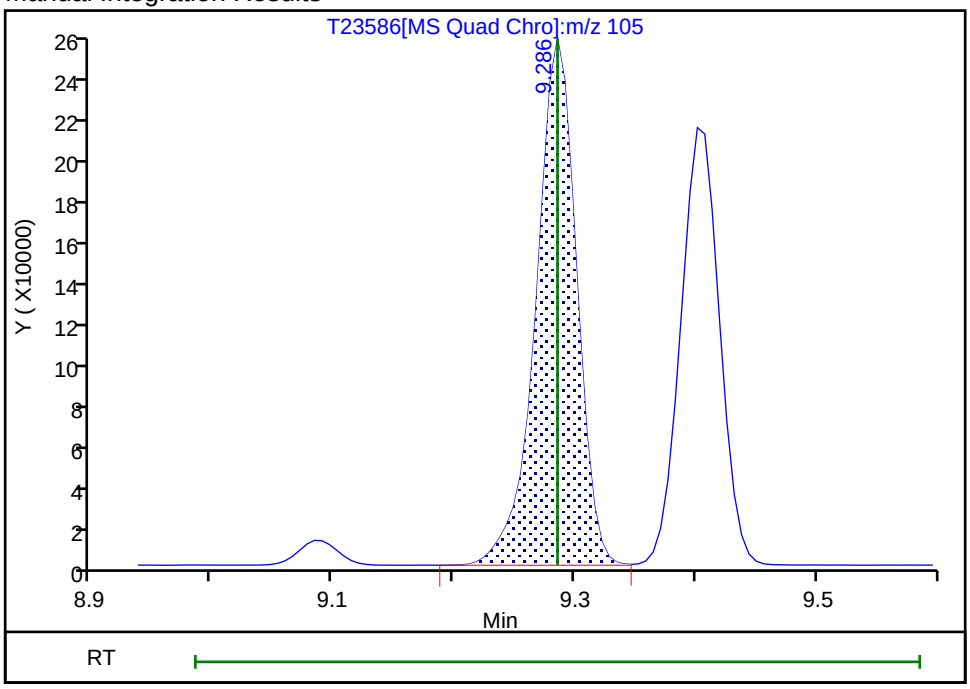
Not Detected
Expected RT: 9.29

Processing Integration Results



Manual Integration Results

RT: 9.29
Area: 604492
Amount: 51.739654
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:33:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

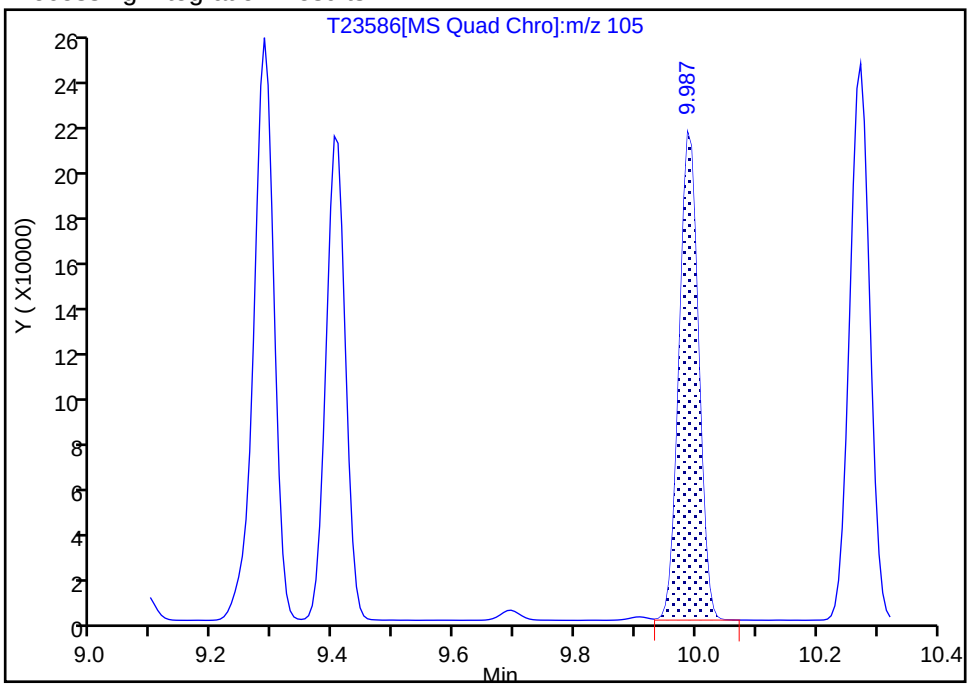
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

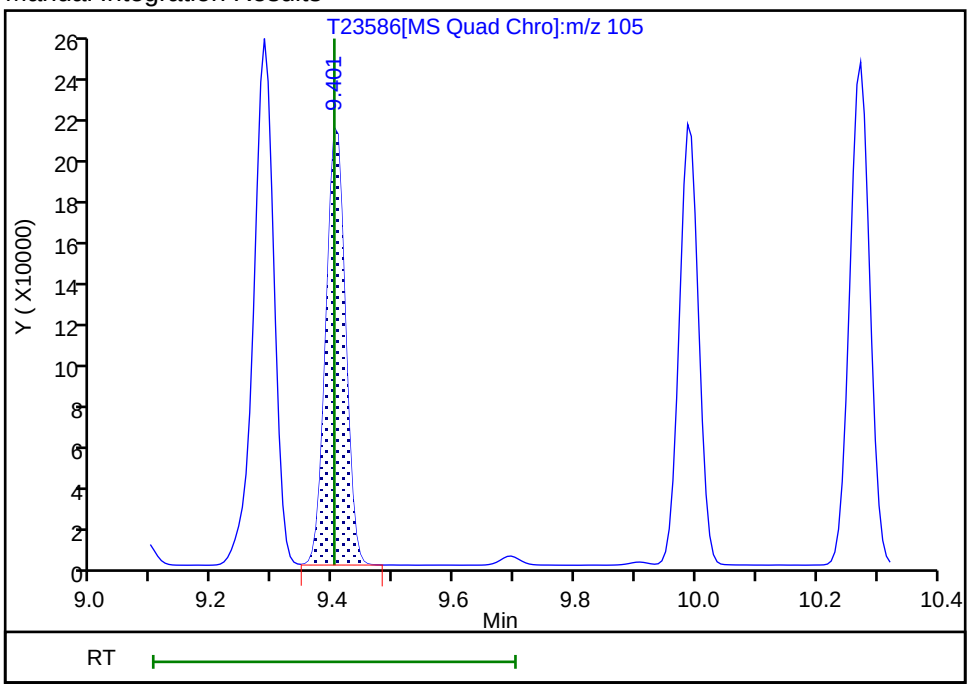
Processing Integration Results

RT: 9.99
Area: 483258
Amount: 49.247138
Amount Units: ug/l



Manual Integration Results

RT: 9.40
Area: 482309
Amount: 50.540318
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:33:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

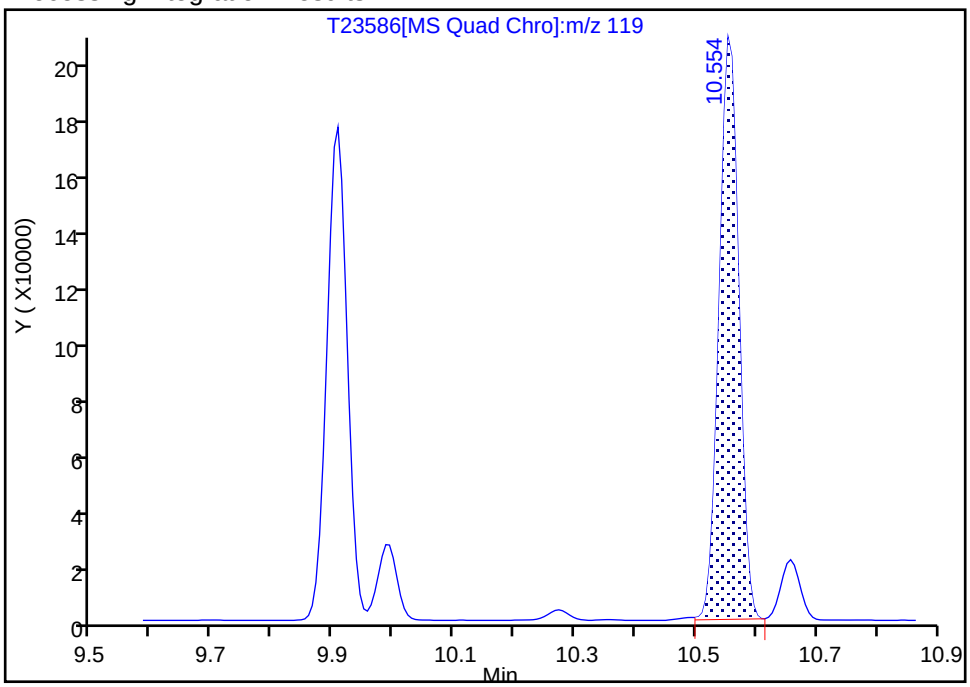
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

116 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

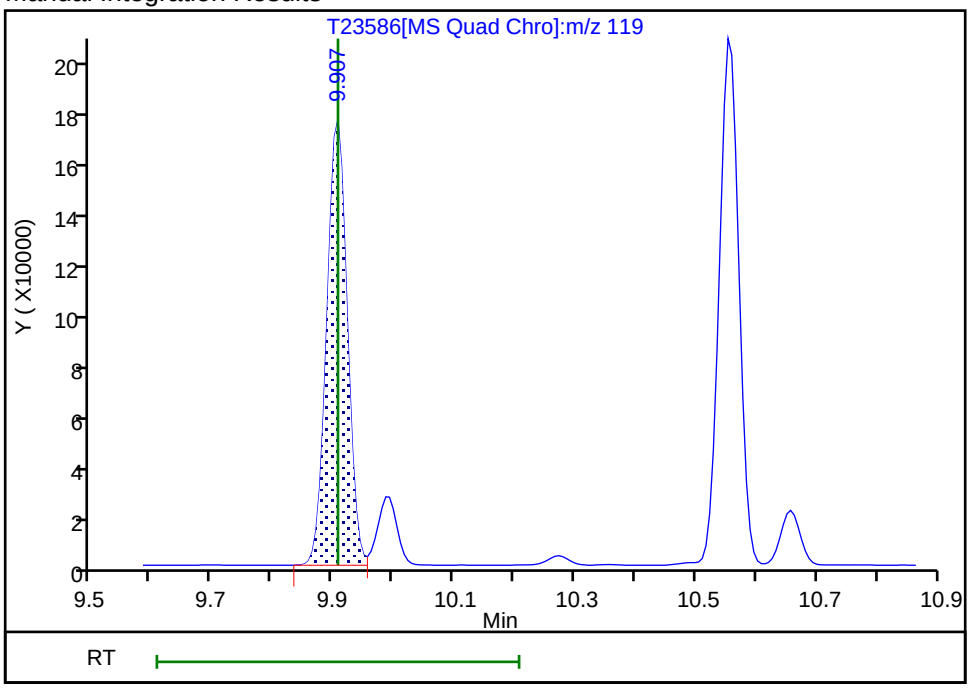
Processing Integration Results

RT: 10.55
Area: 466436
Amount: 51.098194
Amount Units: ug/l



Manual Integration Results

RT: 9.91
Area: 410707
Amount: 49.537190
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:34:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

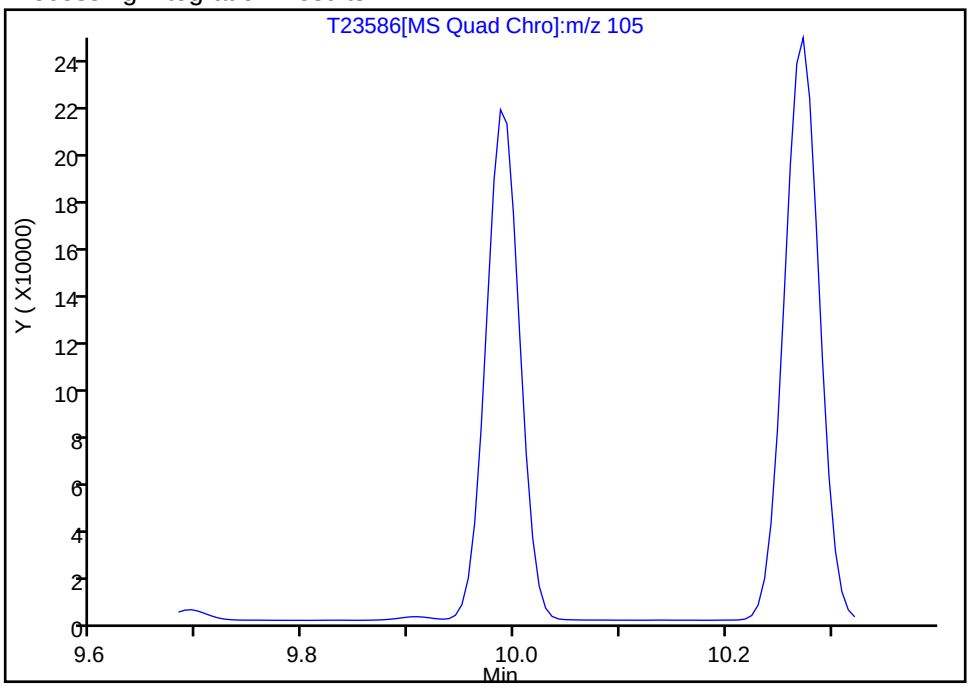
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

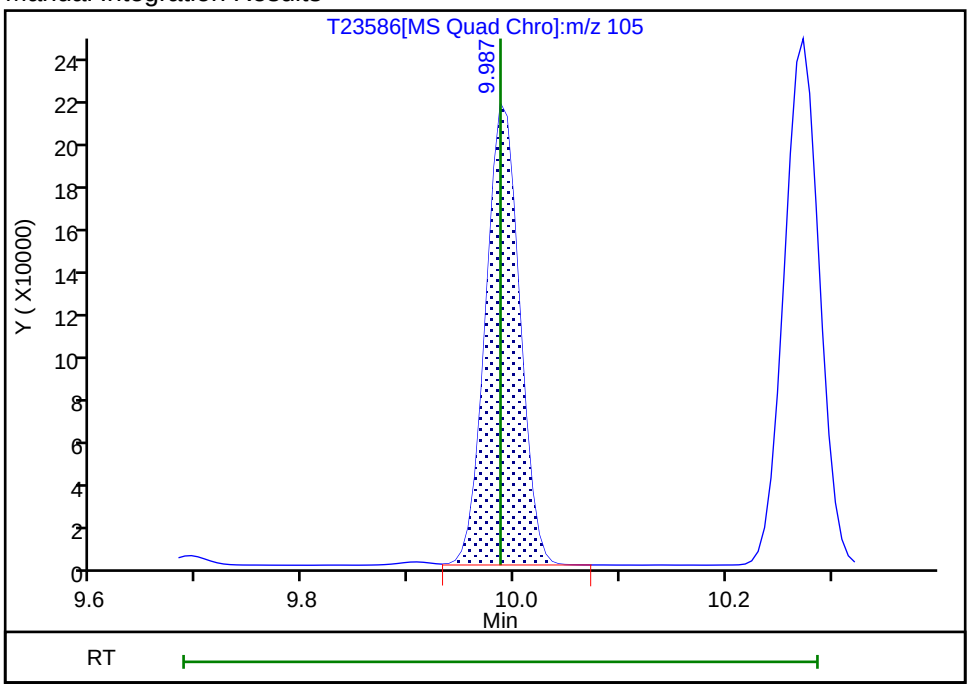
Not Detected
Expected RT: 9.99

Processing Integration Results



Manual Integration Results

RT: 9.99
Area: 483258
Amount: 49.104872
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:33:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

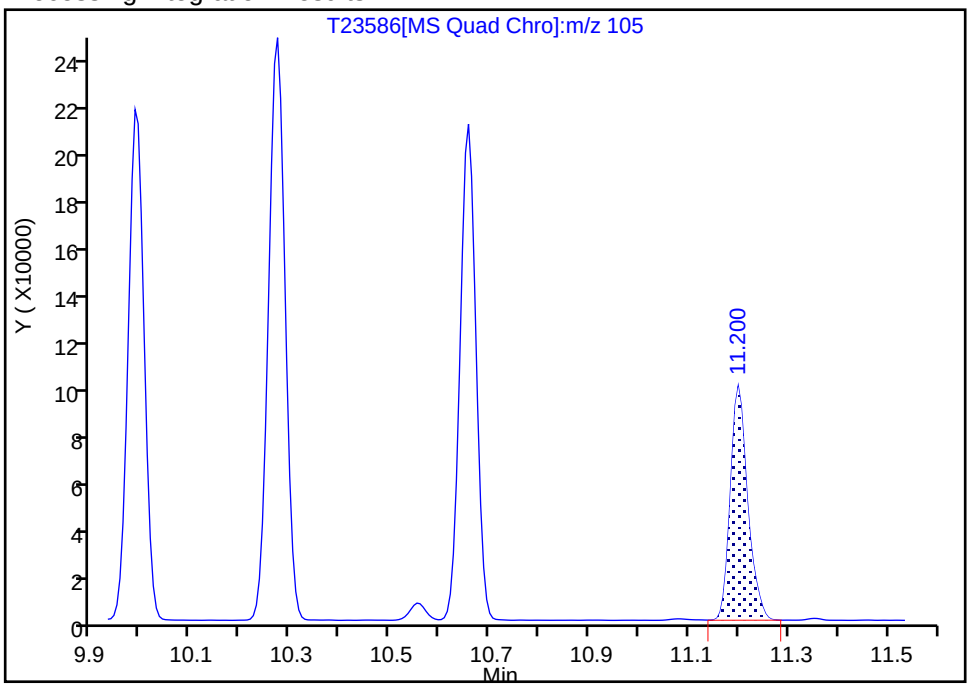
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

118 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

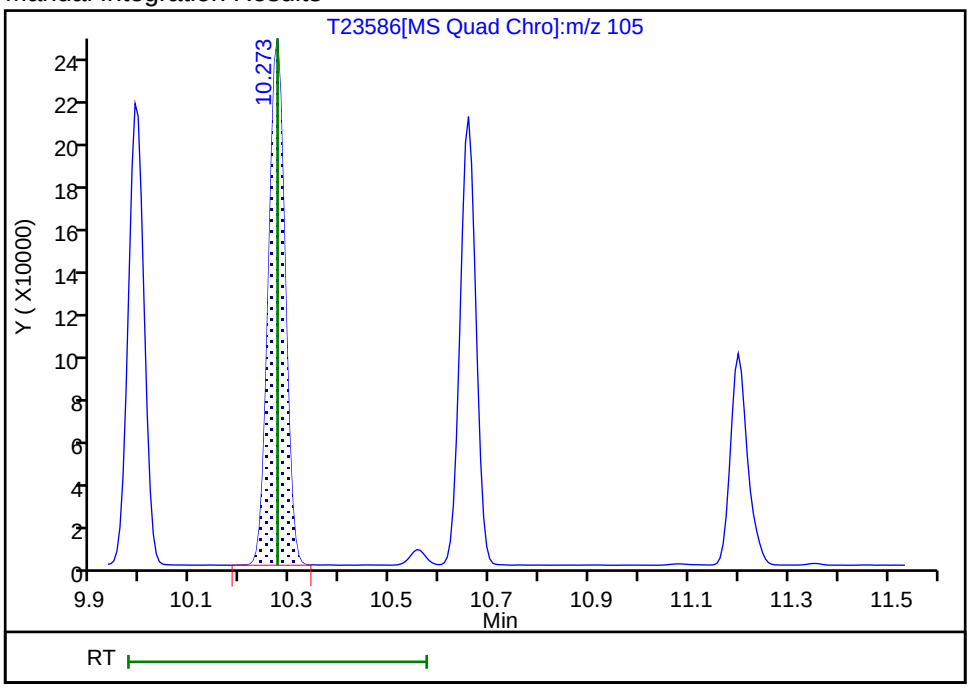
Processing Integration Results

RT: 11.20
Area: 238579
Amount: 21.523786
Amount Units: ug/l



Manual Integration Results

RT: 10.27
Area: 575053
Amount: 50.631924
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:34:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

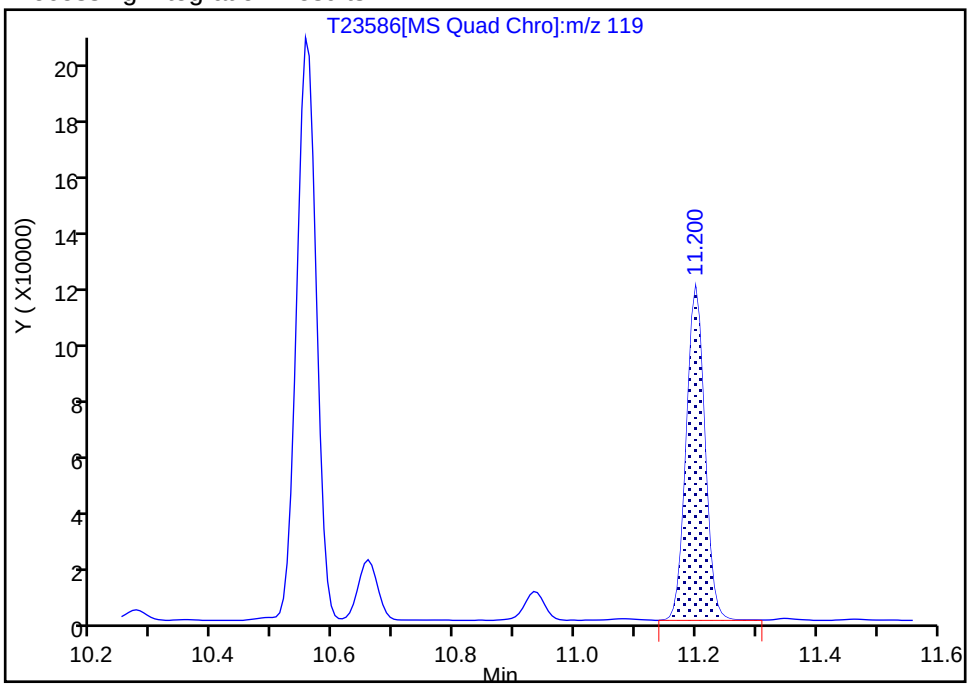
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

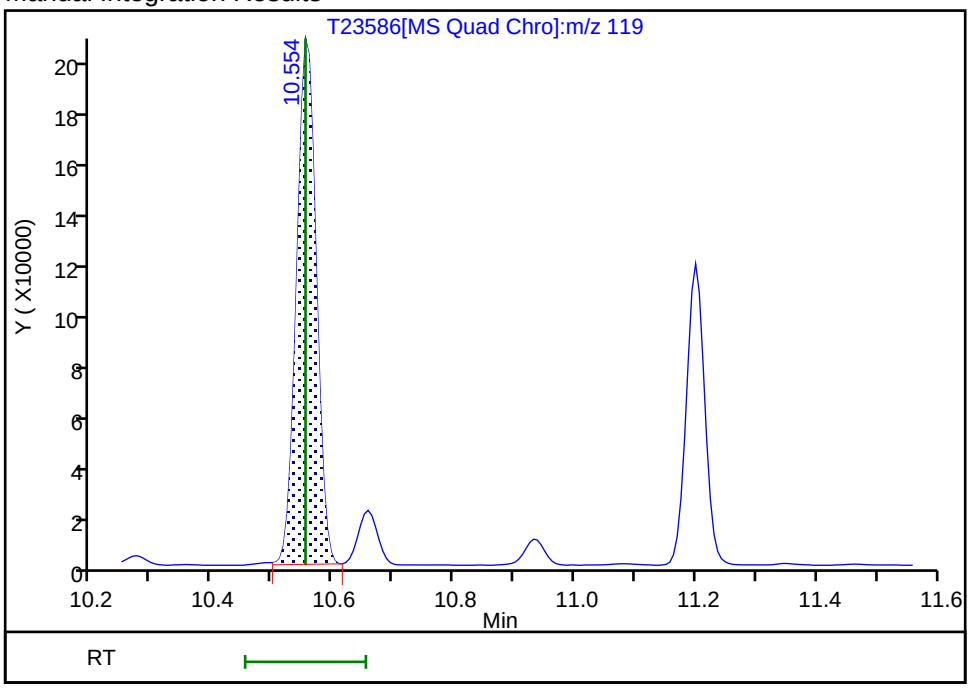
Processing Integration Results

RT: 11.20
Area: 250388
Amount: 26.828021
Amount Units: ug/l



Manual Integration Results

RT: 10.55
Area: 466433
Amount: 49.677818
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:34:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

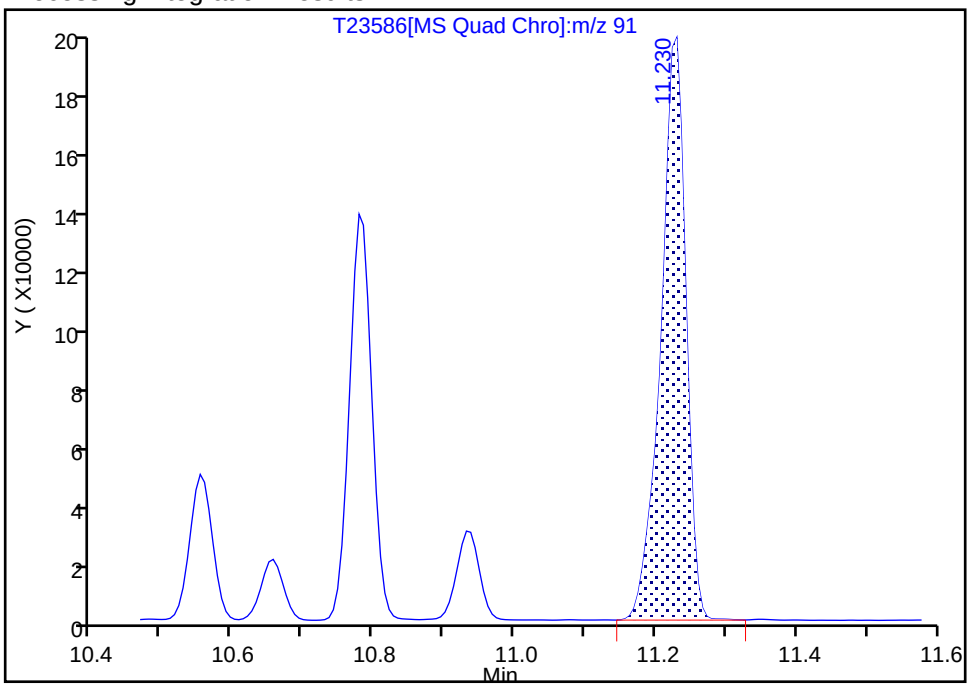
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 Benzyl chloride, CAS: 100-44-7

Signal: 1

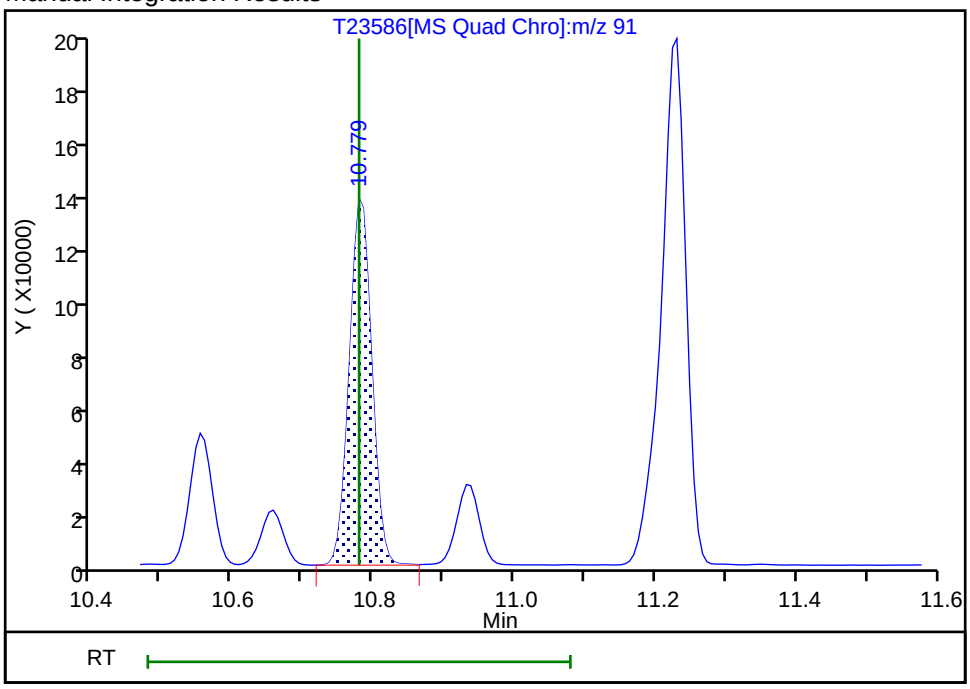
Processing Integration Results

RT: 11.23
Area: 480569
Amount: 42.270228
Amount Units: ug/l



Manual Integration Results

RT: 10.78
Area: 302123
Amount: 49.433652
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:38:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

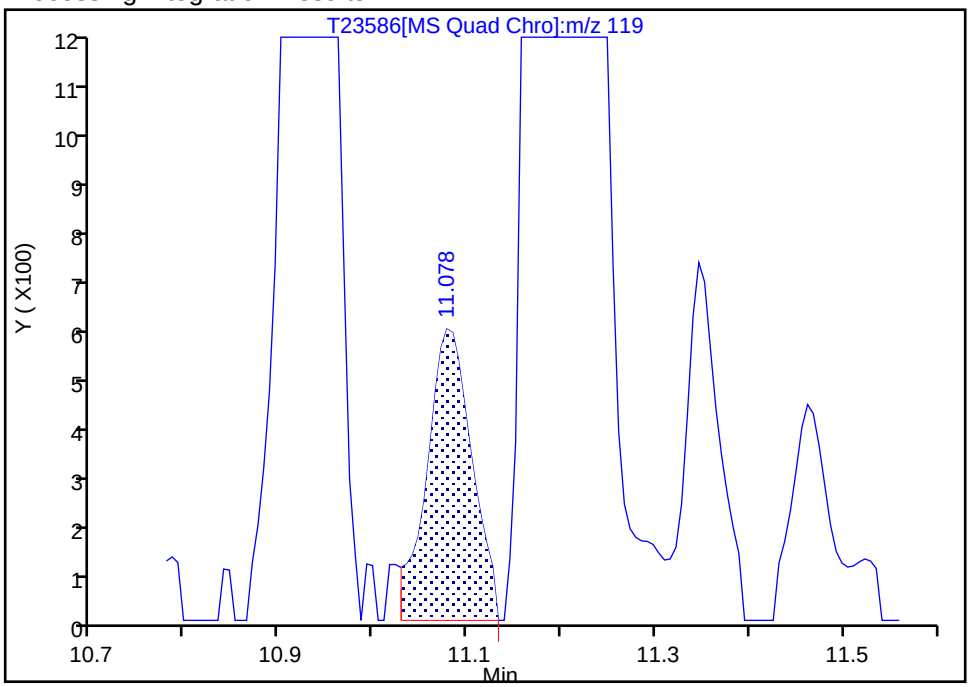
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23586.D
Injection Date: 04-Oct-2019 00:43:30 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

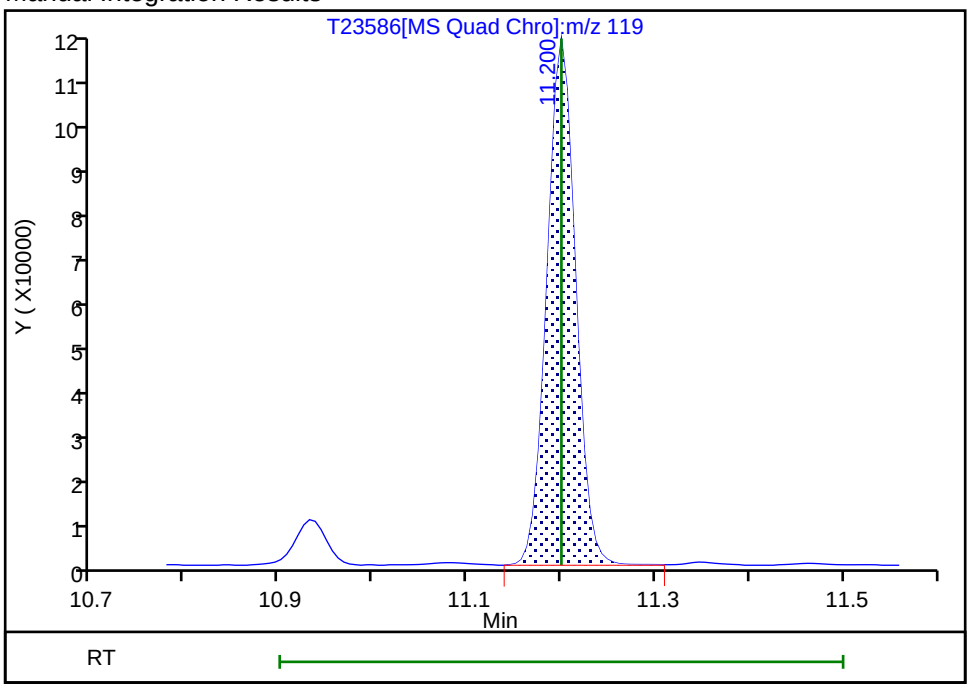
Processing Integration Results

RT: 11.08
Area: 1932
Amount: 71.218528
Amount Units: ug/l



Manual Integration Results

RT: 11.20
Area: 250388
Amount: 49.073543
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:21:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 04-Oct-2019 01:29:33 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0098692-009
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Oct-2019 20:38:56 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0312

First Level Reviewer: desais Date: 04-Oct-2019 06:25:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.604	0.598	0.006	80	74547	200.0	266.4	
2 Chlorotrifluoroethene	116	0.653	0.653	0.000	76	273244	200.0	205.3	
4 1,1-Difluoroethane	65	0.671	0.653	0.018	69	921365	200.0	205.4	a
3 Dichlorodifluoromethane	85	0.665	0.665	0.000	100	919818	200.0	310.9	
5 Chlorodifluoromethane	67	0.671	0.671	0.000	81	921365	200.0	205.7	
6 Chloromethane	50	0.745	0.744	0.000	99	523605	200.0	215.4	
7 Vinyl chloride	62	0.787	0.787	0.000	98	684984	200.0	235.4	
8 Butadiene	54	0.805	0.805	0.000	92	570847	200.0	225.4	
9 Bromomethane	94	0.933	0.933	0.000	99	384038	200.0	262.7	
10 Chloroethane	64	0.976	0.976	0.000	99	389685	200.0	213.0	
11 Dichlorofluoromethane	67	1.068	1.068	0.000	99	976979	200.0	212.7	
12 Trichlorofluoromethane	101	1.098	1.098	0.000	99	970797	200.0	216.2	
13 Pentane	72	1.135	1.135	0.000	95	211202	400.0	399.9	
14 Ethanol	45	1.202	1.202	0.000	95	69112	8000.0	8154.9	M
15 1,2-Dichloro-1,1,2-trifluo	117	1.244	1.238	0.006	87	553599	200.0	209.1	
16 Ethyl ether	59	1.238	1.238	0.000	54	405386	200.0	202.3	
17 2-Methyl-1,3-butadiene	53	1.244	1.244	0.000	80	430662	200.0	203.0	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.275	1.275	0.000	95	845993	200.0	215.8	a
19 Acrolein	56	1.299	1.299	0.000	65	43729	200.0	195.5	
20 1,1-Dichloroethene	96	1.348	1.342	0.006	95	536011	200.0	210.7	a
21 1,1,2-Trichloro-1,2,2-trif	101	1.348	1.348	0.000	84	635026	200.0	218.2	
22 Acetone	43	1.379	1.378	0.001	88	508386	1000.0	953.7	
23 Iodomethane	142	1.421	1.421	0.000	100	873622	200.0	244.0	
24 Carbon disulfide	76	1.452	1.452	0.000	98	1625276	200.0	203.9	
25 Isopropyl alcohol	45	1.464	1.464	0.000	35	203514	2000.0	1743.3	
26 Acetonitrile	40	1.531	1.531	0.000	81	248375	2000.0	2110.8	
27 3-Chloro-1-propene	76	1.537	1.537	0.000	93	328126	200.0	202.6	
28 Methyl acetate	43	1.555	1.555	0.000	96	546181	400.0	382.6	
29 Cyclopentene	67	1.580	1.580	0.000	96	1285126	200.0	212.3	a
30 Methylene Chloride	84	1.604	1.604	0.000	83	575954	200.0	210.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.641	1.641	0.000	98	41947	1000.0	1000.0	
40 2-Methyl-2-propanol	59	1.689	1.683	0.006	98	461534	2000.0	2007.0	a
32 Acrylonitrile	53	1.744	1.744	0.000	94	1585521	2000.0	2123.0	
33 trans-1,2-Dichloroethene	96	1.763	1.756	0.007	83	621990	200.0	213.7	a
34 Methyl tert-butyl ether	73	1.769	1.769	0.000	95	1549472	200.0	208.8	
35 Hexane	57	1.933	1.933	0.000	88	667445	200.0	208.5	
36 1,1-Dichloroethane	63	2.019	2.012	0.007	99	931349	200.0	208.1	
37 Vinyl acetate	86	2.061	2.061	0.000	99	248637	400.0	409.3	
38 2-Chloro-1,3-butadiene	88	2.074	2.073	0.001	73	575676	200.0	207.2	
39 Isopropyl ether	45	2.080	2.080	0.000	81	1321741	200.0	198.8	
41 Tert-butyl ethyl ether	59	2.323	2.323	0.000	90	1487428	200.0	197.6	a
* 42 2-Butanone-d5	46	2.391	2.384	0.007	35	225437	250.0	250.0	
43 2,2-Dichloropropane	97	2.409	2.403	0.006	79	218838	200.0	201.6	
44 cis-1,2-Dichloroethene	96	2.409	2.409	0.000	98	670579	200.0	207.3	a
45 2-Butanone (MEK)	43	2.433	2.427	0.006	97	852277	1000.0	1121.8	
46 Propionitrile	54	2.470	2.470	0.000	98	606903	2000.0	1934.1	a
47 Ethyl acetate	70	2.488	2.488	0.000	99	111550	400.0	399.6	
48 Isopropyl acetate	61	2.488	2.488	0.000	92	146070	200.0	192.6	
55 Methyl acrylate	55	2.506	2.506	0.000	95	475400	200.0	199.8	a
49 Methacrylonitrile	67	2.586	2.579	0.007	85	2101557	2000.0	2061.9	
50 Chlorobromomethane	128	2.586	2.579	0.007	52	307612	200.0	196.9	
51 Tetrahydrofuran	72	2.628	2.622	0.006	74	133640	400.0	368.6	
52 Chloroform	83	2.653	2.647	0.006	100	1036408	200.0	211.7	
$ 53 Dibromofluoromethane (Surr	113	2.775	2.775	0.000	41	143874	50.0	50.4	
54 1,1,1-Trichloroethane	97	2.781	2.781	0.000	95	961711	200.0	208.6	
56 Cyclohexane	84	2.823	2.823	0.000	85	876338	200.0	219.9	
57 Carbon tetrachloride	117	2.915	2.915	0.000	98	893603	200.0	206.9	
58 1,1-Dichloropropene	75	2.915	2.915	0.000	96	824405	200.0	210.3	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	96	137982	50.0	49.0	
60 Isobutyl alcohol	43	3.079	3.073	0.006	39	396353	5000.0	5266.0	
61 Benzene	78	3.086	3.085	0.001	95	2309335	200.0	213.0	
62 1,2-Dichloroethane	62	3.104	3.104	0.000	69	685791	200.0	199.0	
63 Isooctane	57	3.177	3.177	0.000	100	1139592	200.0	195.8	
64 Tert-amyl methyl ether	73	3.214	3.213	0.001	82	1493820	200.0	201.1	
* 65 Fluorobenzene	96	3.335	3.335	0.000	98	497697	50.0	50.0	
66 n-Heptane	43	3.360	3.354	0.006	85	448703	200.0	200.2	a
67 Trichloroethene	95	3.677	3.671	0.006	99	709190	200.0	200.5	
68 n-Butanol	56	3.695	3.695	0.000	54	317650	5000.0	5342.2	
69 Ethyl acrylate	55	3.842	3.841	0.001	97	1197230	200.0	201.2	
70 Methylcyclohexane	83	3.854	3.854	0.000	86	943755	200.0	215.8	
71 1,2-Dichloropropane	63	3.890	3.884	0.006	89	540669	200.0	209.6	
72 Dibromomethane	93	4.000	4.000	0.000	66	375087	200.0	198.9	
* 73 1,4-Dioxane-d8	96	4.006	4.006	0.000	12	30482	1000.0	1000.0	
74 1,4-Dioxane	88	4.061	4.055	0.006	32	122351	4000.0	4173.2	
75 Methyl methacrylate	100	4.067	4.067	0.000	79	320348	400.0	394.7	a
76 n-Propyl acetate	43	4.152	4.152	0.000	96	567458	200.0	201.5	a
77 Dichlorobromomethane	83	4.183	4.183	0.000	99	808662	200.0	211.4	
78 2-Nitropropane	41	4.439	4.439	0.000	97	231546	400.0	372.5	a
79 2-Chloroethyl vinyl ether	63	4.561	4.561	0.000	94	369720	200.5	201.0	
80 Epichlorohydrin	57	4.597	4.597	0.000	98	1011637	4000.0	4398.8	
85 cis-1,3-Dichloropropene	75	4.689	4.683	0.006	89	949884	200.0	224.1	a
82 4-Methyl-2-pentanone (MIBK	43	4.908	4.902	0.006	93	1892538	1000.0	1036.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.982	4.981	0.001	99	497592	50.0	50.0	
84 Toluene	91	5.061	5.055	0.006	93	2423357	200.0	207.0	
81 trans-1,3-Dichloropropene	75	5.366	5.366	0.000	95	867194	200.0	218.5	a
86 Ethyl methacrylate	69	5.555	5.555	0.000	84	661728	200.0	211.9	a
87 1,1,2-Trichloroethane	83	5.579	5.579	0.000	94	417840	200.0	209.8	
88 Tetrachloroethene	166	5.725	5.719	0.006	95	608318	200.0	209.2	
89 1,3-Dichloropropane	76	5.780	5.780	0.000	90	819515	200.0	214.1	
90 2-Hexanone	43	5.969	5.969	0.000	92	1304476	1000.0	1038.4	
91 Chlorodibromomethane	129	6.061	6.054	0.007	97	625553	200.0	213.4	
92 Ethylene Dibromide	107	6.170	6.164	0.006	98	542440	200.0	202.2	
93 n-Butyl acetate	43	6.201	6.195	0.006	97	582852	200.0	198.9	
* 94 Chlorobenzene-d5	117	6.835	6.835	0.000	85	375955	50.0	50.0	
95 Chlorobenzene	112	6.871	6.871	0.000	95	1541978	200.0	203.5	
96 1,1,1,2-Tetrachloroethane	131	7.024	7.018	0.006	96	567666	200.0	211.6	
97 Ethylbenzene	106	7.085	7.079	0.006	98	822006	200.0	206.0	
98 m-Xylene & p-Xylene	106	7.262	7.262	0.000	95	1005453	200.0	210.4	
99 o-Xylene	106	7.835	7.828	0.007	94	955986	200.0	209.0	
100 Styrene	104	7.865	7.865	0.000	93	1604141	200.0	208.8	
101 n-Butyl acrylate	73	7.957	7.957	0.000	98	358038	200.0	201.8	
102 Bromoform	173	8.079	8.078	0.001	93	376437	200.0	217.4	
103 Amyl acetate (mixed isomer	43	8.347	8.347	0.000	92	643755	200.0	213.3	
104 Isopropylbenzene	105	8.438	8.432	0.006	95	2352525	200.0	207.5	a
$ 105 4-Bromofluorobenzene	174	8.627	8.621	0.006	0	139654	50.0	49.6	
106 Bromobenzene	156	8.798	8.798	0.000	98	566196	200.0	211.6	
107 1,1,2,2-Tetrachloroethane	83	8.956	8.950	0.006	93	512248	200.0	218.8	
108 1,2,3-Trichloropropane	110	8.956	8.956	0.000	87	182083	200.0	209.5	
109 trans-1,4-Dichloro-2-buten	53	9.048	9.042	0.006	97	161604	200.0	201.6	
110 N-Propylbenzene	91	9.091	9.084	0.007	98	2724424	200.0	206.2	
111 2-Chlorotoluene	91	9.152	9.145	0.007	96	1610794	200.0	215.4	
112 4-Ethyltoluene	105	9.292	9.286	0.006	98	2135026	200.0	203.2	a
113 4-Chlorotoluene	91	9.340	9.334	0.006	97	1535953	200.0	213.5	
114 1,3,5-Trimethylbenzene	105	9.408	9.401	0.007	92	1771054	200.0	206.4	a
115 Butyl Methacrylate	87	9.718	9.712	0.006	84	637491	200.0	206.7	
116 tert-Butylbenzene	119	9.907	9.907	0.000	90	1491037	200.0	200.0	a
117 1,2,4-Trimethylbenzene	105	9.993	9.987	0.006	97	1801582	200.0	203.6	a
118 sec-Butylbenzene	105	10.273	10.273	0.000	99	2098080	200.0	205.4	a
119 1,3-Dichlorobenzene	146	10.359	10.352	0.007	95	969593	200.0	211.3	
* 120 1,4-Dichlorobenzene-d4	152	10.481	10.474	0.007	96	169136	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.517	10.511	0.006	94	983410	200.0	207.8	
122 p-Diethylbenzene	119	10.560	10.554	0.006	75	1743166	200.0	206.5	a
123 1,2,3-Trimethylbenzene	105	10.657	10.657	0.000	99	1681621	200.0	202.1	
127 Benzyl chloride	91	10.785	10.779	0.006	99	1126473	200.0	205.0	a
124 2,3-Dihydroindene	117	10.938	10.932	0.006	90	1665395	200.0	197.7	
125 1,2-Dichlorobenzene	146	11.102	11.102	0.000	95	912657	200.0	210.9	
126 4-Isopropyltoluene	119	11.200	11.200	0.000	83	884863	200.0	192.9	a
128 n-Butylbenzene	92	11.230	11.230	0.000	97	835102	200.0	196.9	
129 1,2-Dibromo-3-Chloropropan	75	12.163	12.157	0.006	96	106181	200.0	214.5	
130 1,2,4,5-Tetramethylbenzene	119	12.206	12.200	0.006	96	1412121	200.0	201.8	
131 1,3,5-Trichlorobenzene	180	12.401	12.401	0.000	96	485746	200.0	210.0	
132 1,2,4-Trichlorobenzene	180	13.011	13.010	0.001	94	449082	200.0	220.0	
133 Hexachlorobutadiene	225	13.206	13.206	0.000	55	163040	200.0	216.3	
134 Naphthalene	128	13.212	13.212	0.000	99	1488078	200.0	218.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.431	13.431	0.000	93	397174	200.0	216.2	
S 136 1,2-Dichloroethene, Total	100				0		400.0	421.0	
S 137 Xylenes, Total	100				0		400.0	419.4	
S 138 Total BTEX	1				0		1000.0	1045.4	
S 139 1,3-Dichloropropene, Total	1				0		400.0	442.7	
S 140 Total 1,2-dichloroethene	1				0			421.0	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MIX 2 Hi_00088	Amount Added:	20.00	Units: uL	
MIX I Hi_00117	Amount Added:	20.00	Units: uL	
Ethanol mix_00033	Amount Added:	20.00	Units: uL	
ACROLEIN W_00096	Amount Added:	20.00	Units: uL	
8FreonHi_00009	Amount Added:	20.00	Units: uL	
GAS Hi_00326	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00028	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 04-Oct-2019 20:38:58 Chrom Revision: 2.3 17-Sep-2019 16:19:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D

Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15

Lims ID: STD200

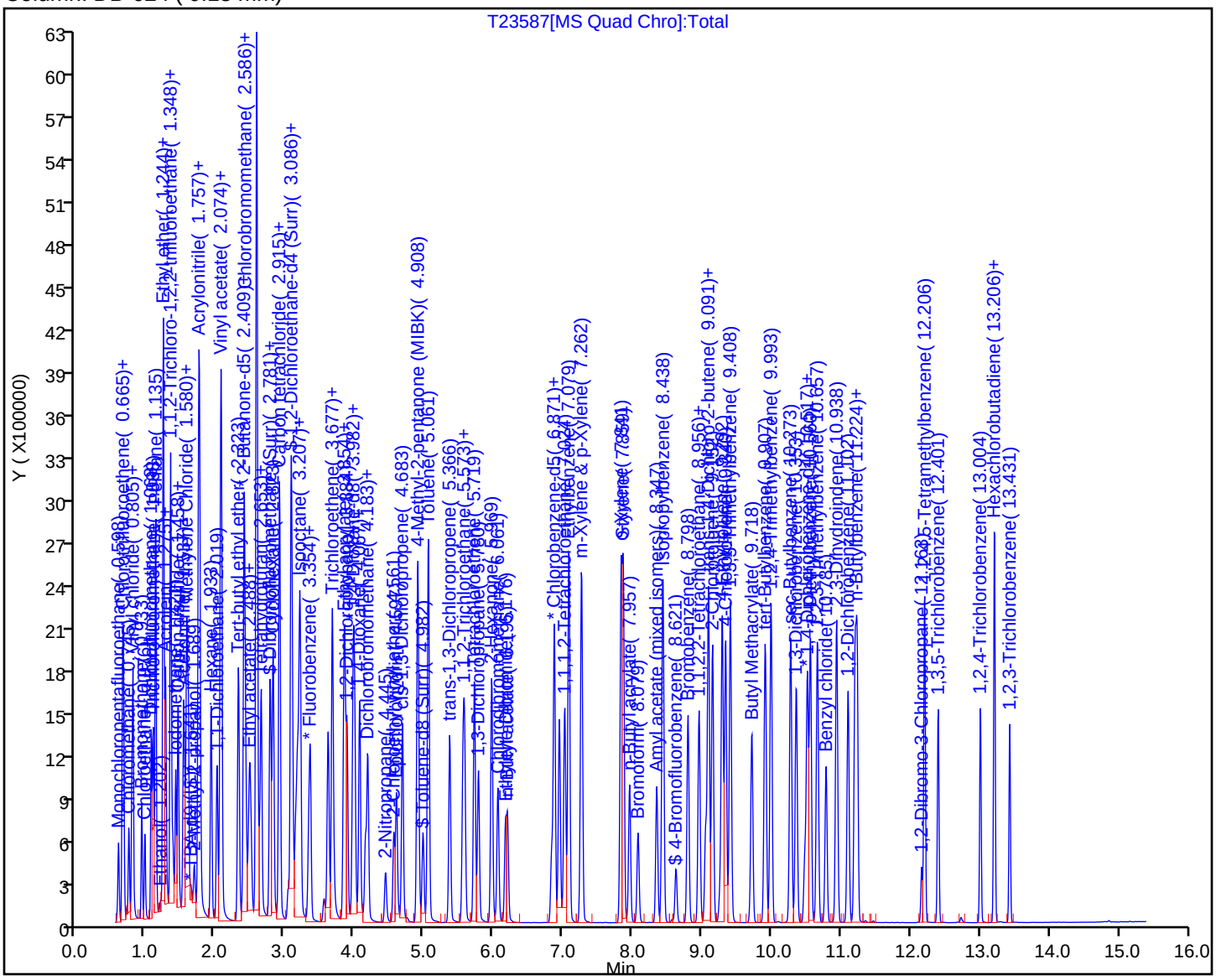
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

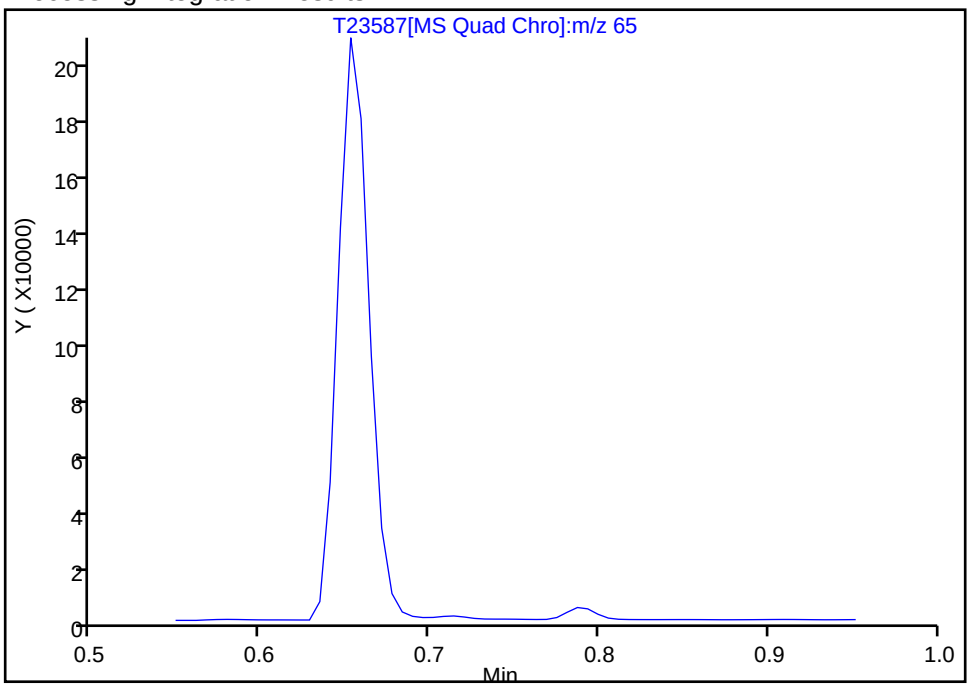
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

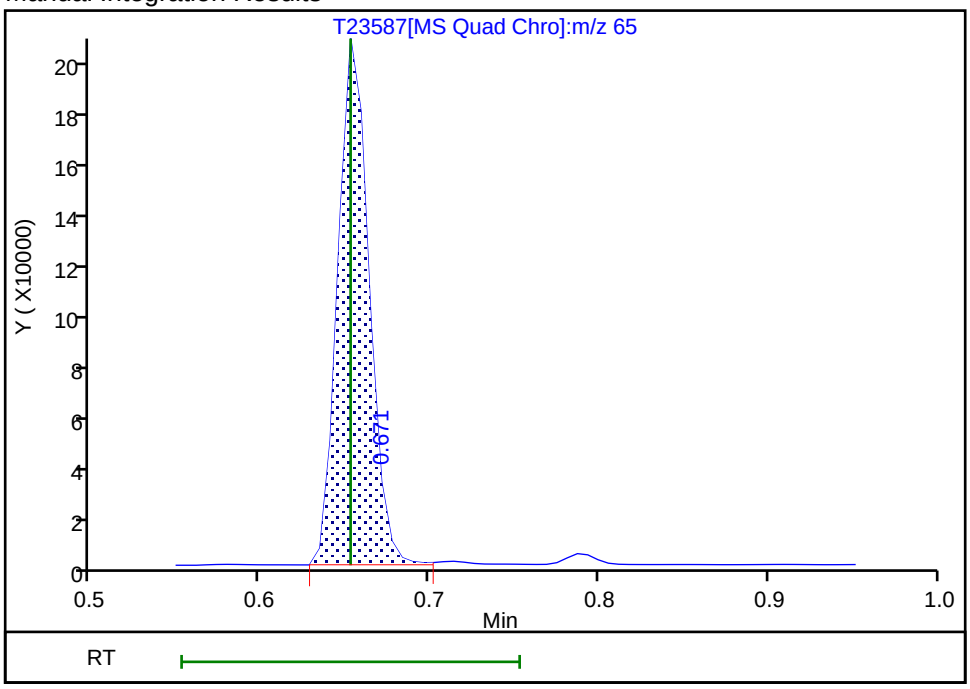
Not Detected
Expected RT: 0.65

Processing Integration Results



Manual Integration Results

RT: 0.67
Area: 921365
Amount: 205.3730
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:21:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

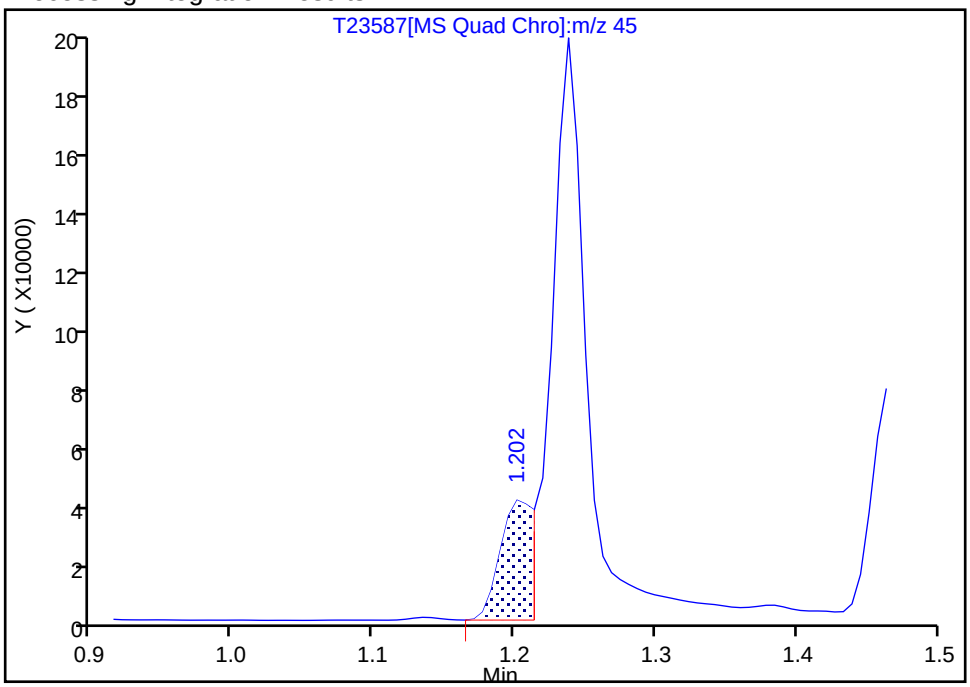
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

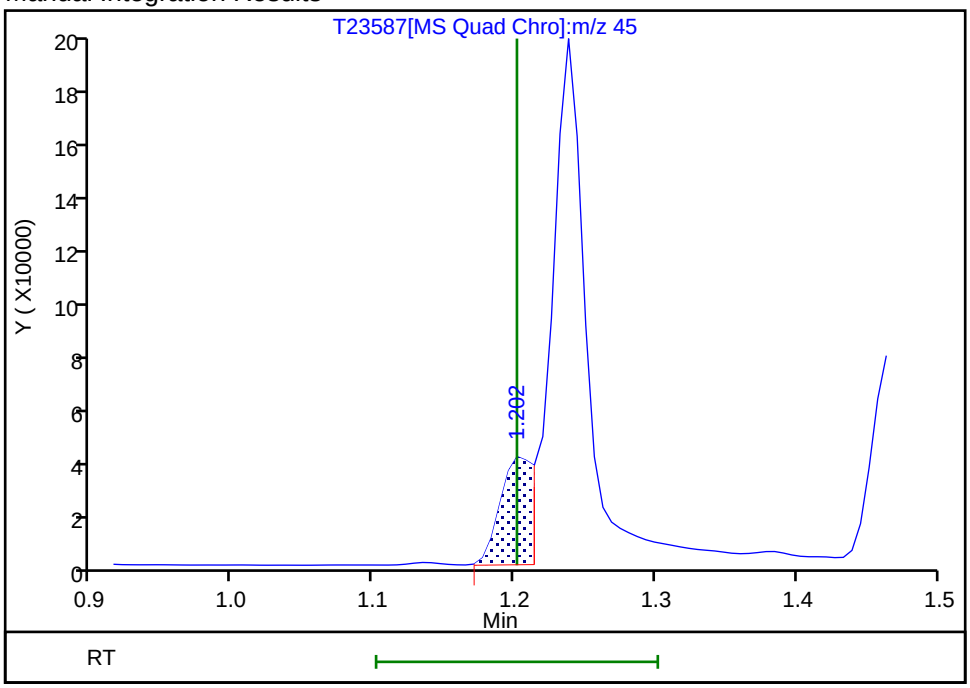
Processing Integration Results

RT: 1.20
Area: 69162
Amount: 7543.3639
Amount Units: ug/l



Manual Integration Results

RT: 1.20
Area: 69112
Amount: 8154.8935
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 07:17:50
Audit Action: Manually Integrated Audit Reason: Other

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

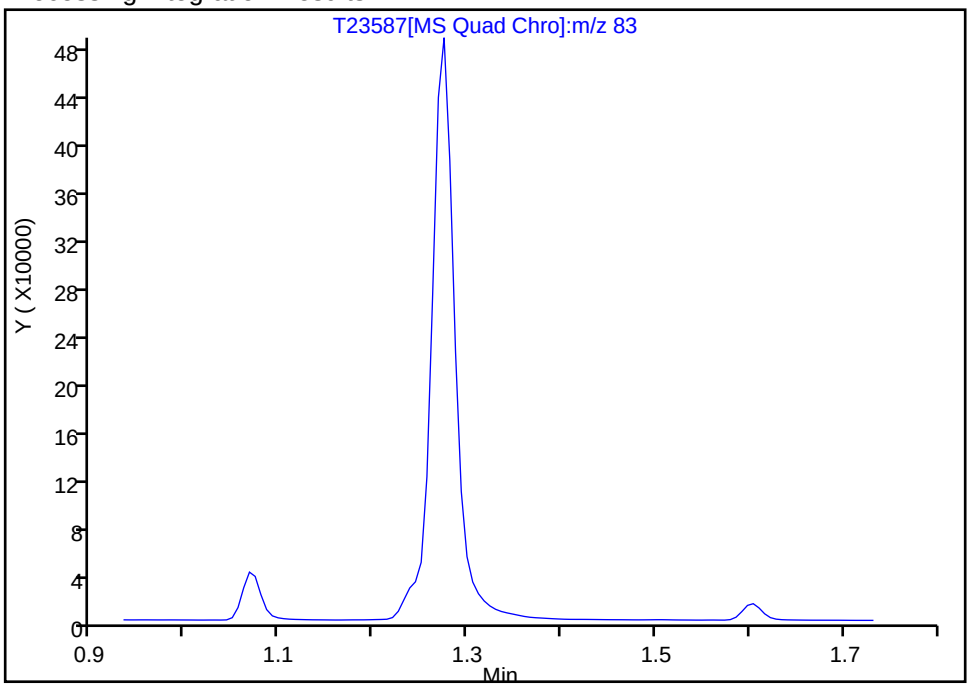
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

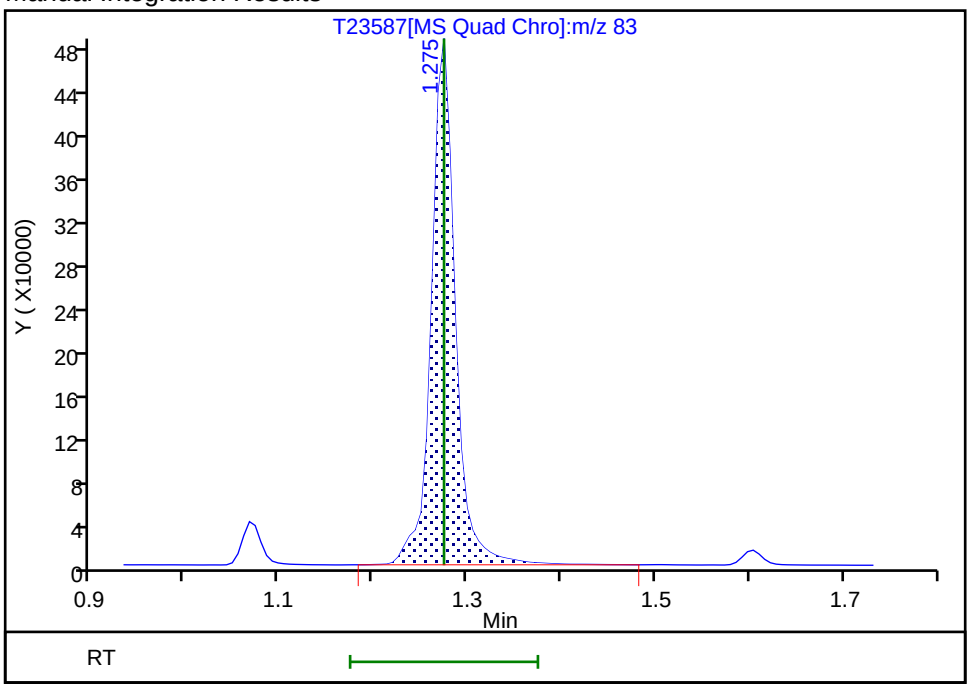
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.27
Area: 845993
Amount: 215.7884
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:21:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

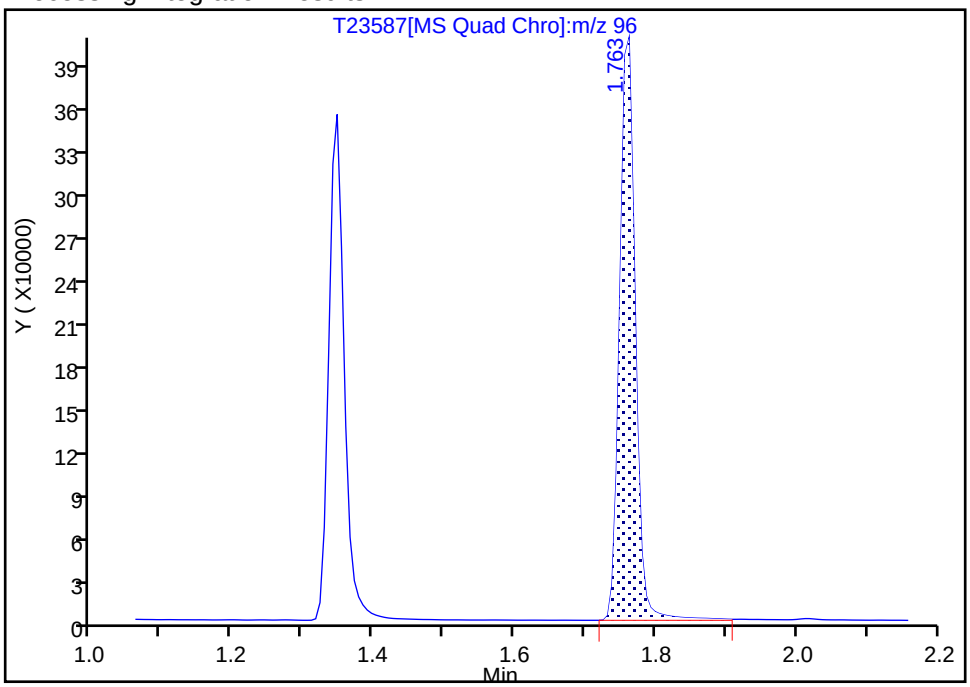
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

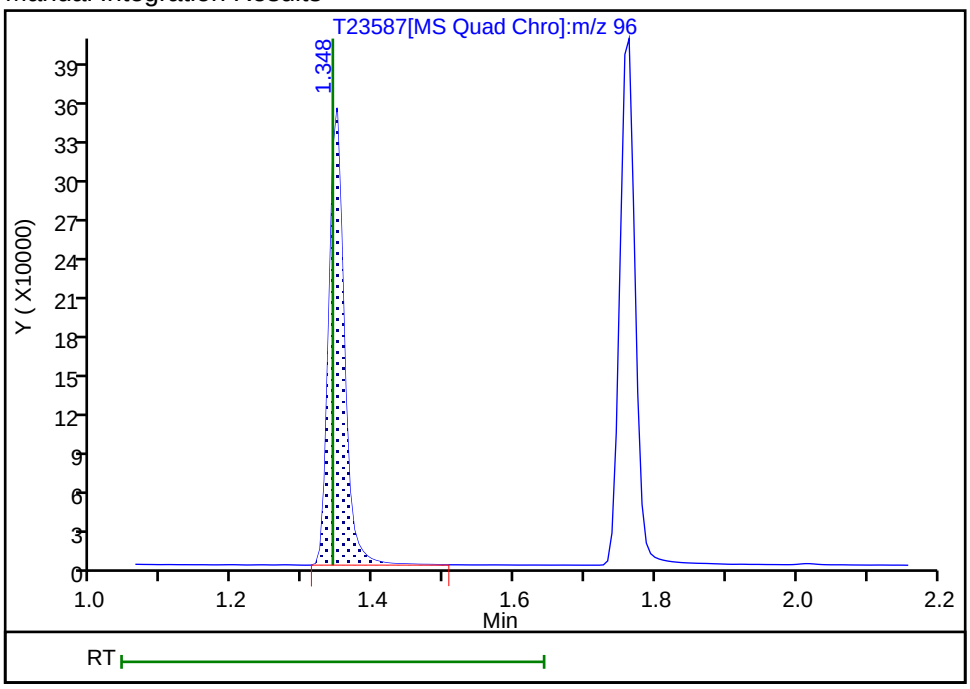
Processing Integration Results

RT: 1.76
Area: 621990
Amount: 217.8190
Amount Units: ug/l



Manual Integration Results

RT: 1.35
Area: 536011
Amount: 210.7295
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:22:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

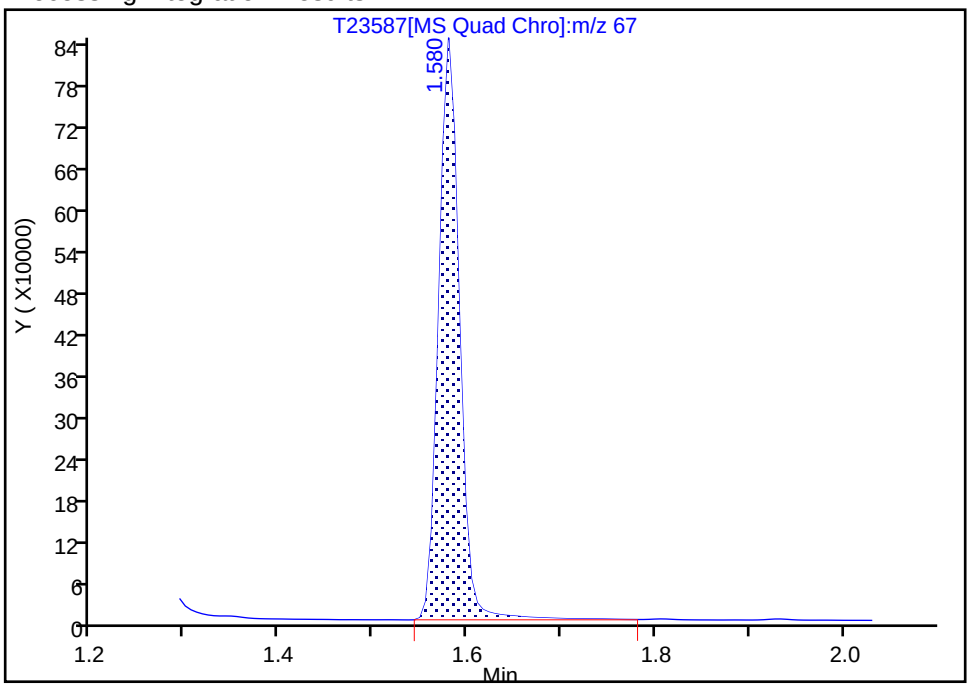
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Cyclopentene, CAS: 142-29-0

Signal: 1

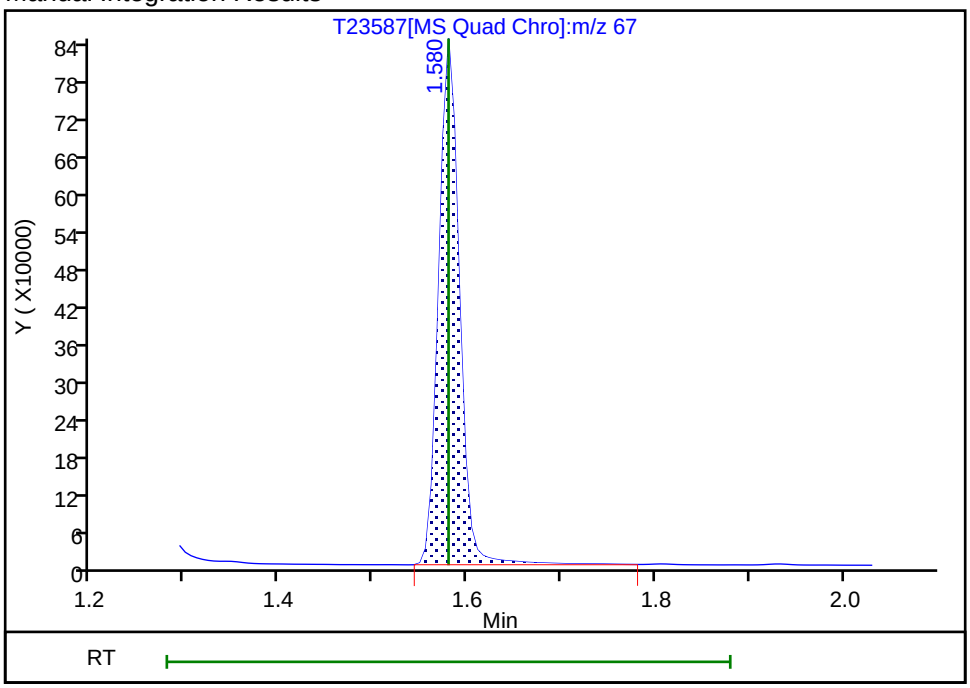
Processing Integration Results

RT: 1.58
Area: 1285126
Amount: 212.2597
Amount Units: ug/l



Manual Integration Results

RT: 1.58
Area: 1285126
Amount: 212.2597
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:54:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

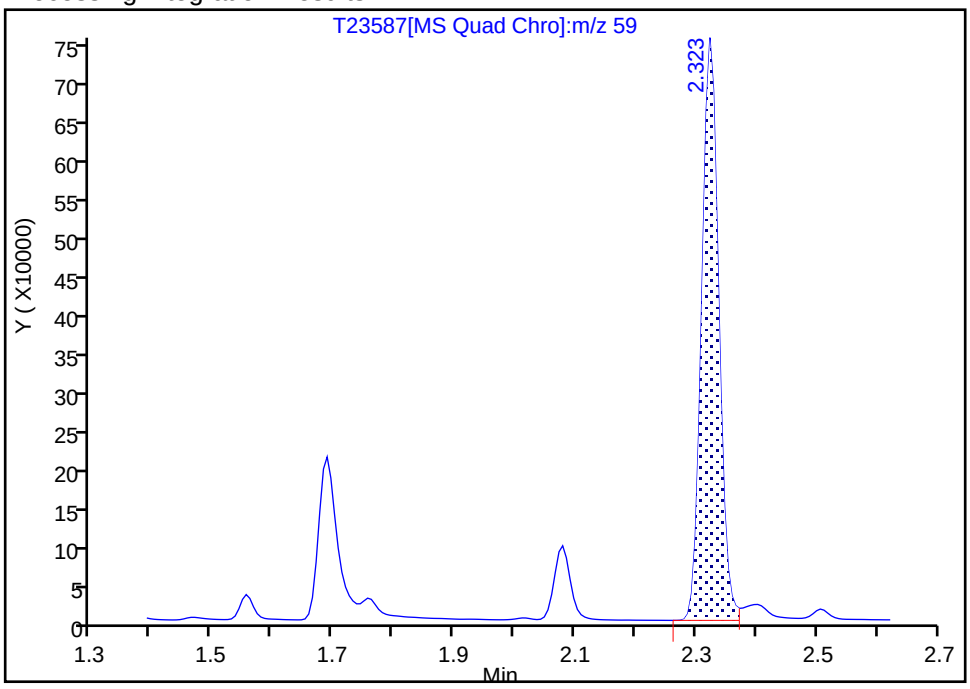
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

40 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

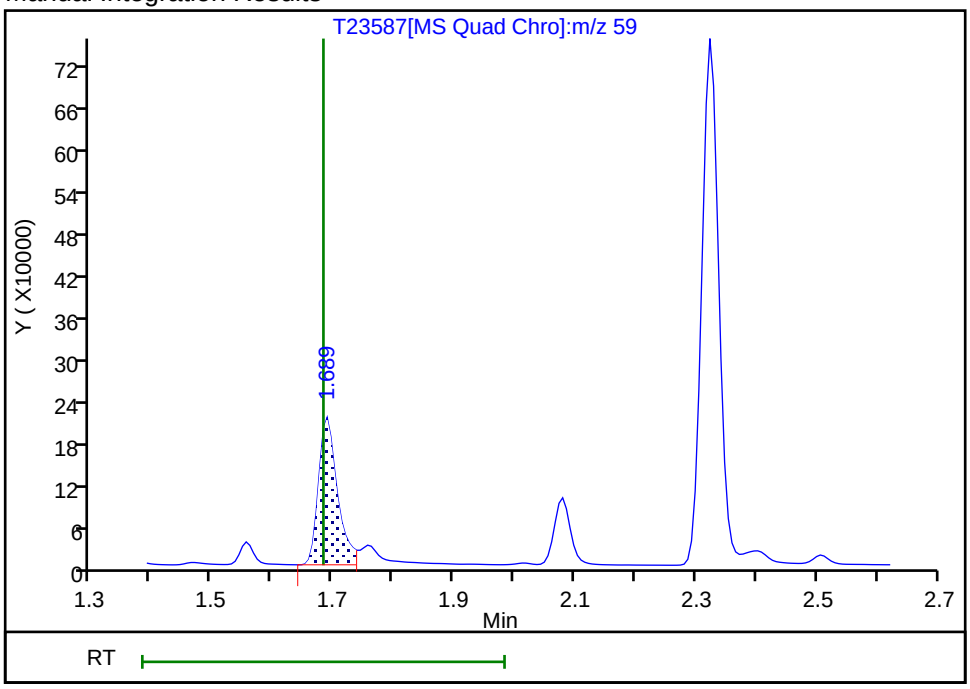
Processing Integration Results

RT: 2.32
Area: 1487428
Amount: 2115.9994
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 461534
Amount: 2007.0149
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:33:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

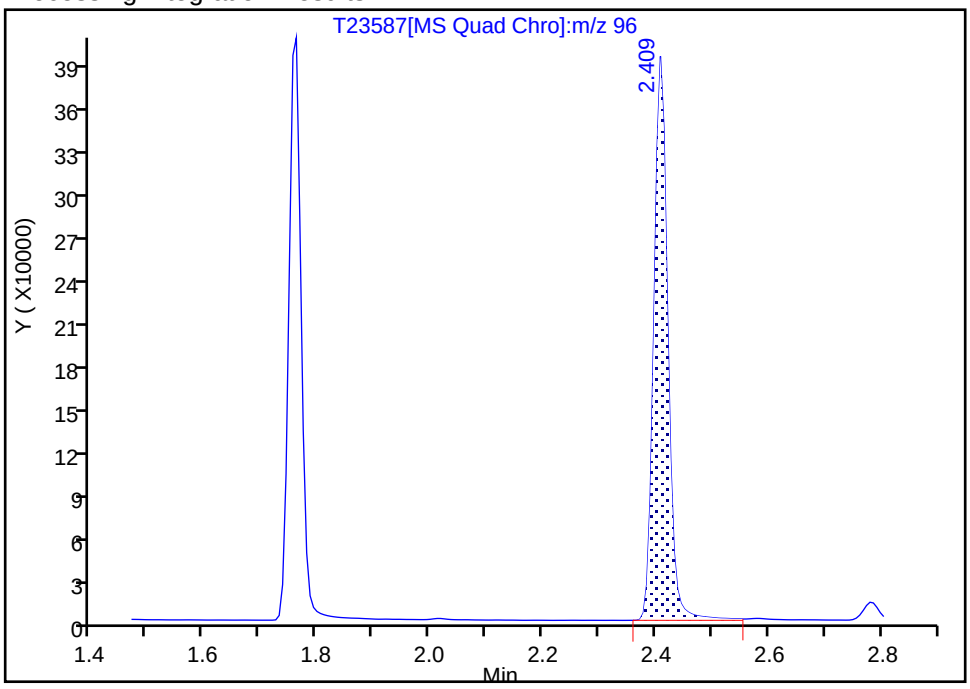
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

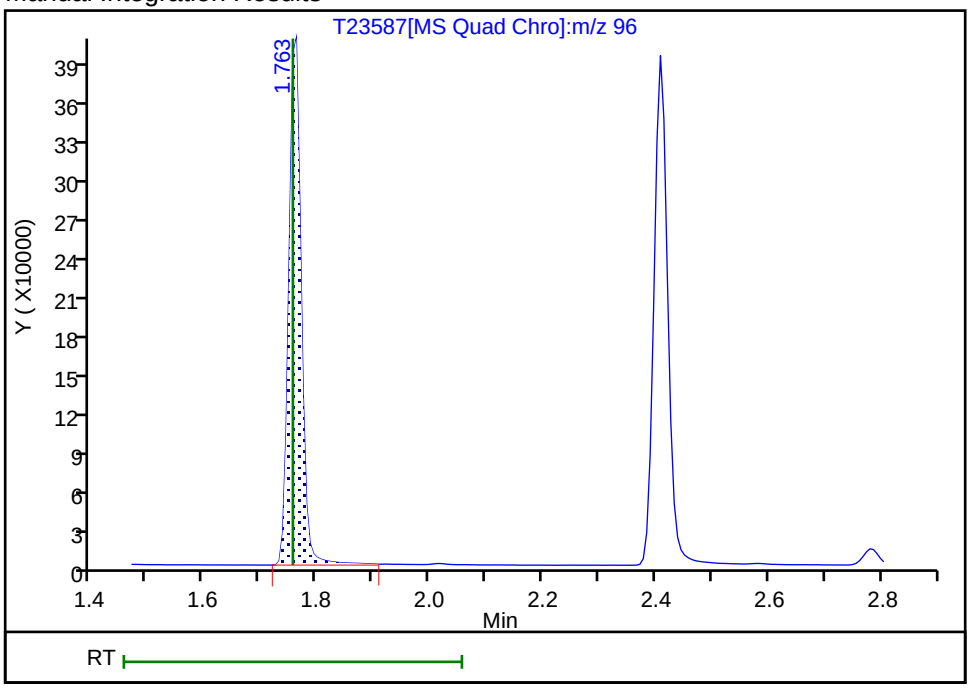
Processing Integration Results

RT: 2.41
Area: 670579
Amount: 209.8800
Amount Units: ug/l



Manual Integration Results

RT: 1.76
Area: 621990
Amount: 213.6531
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:23:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

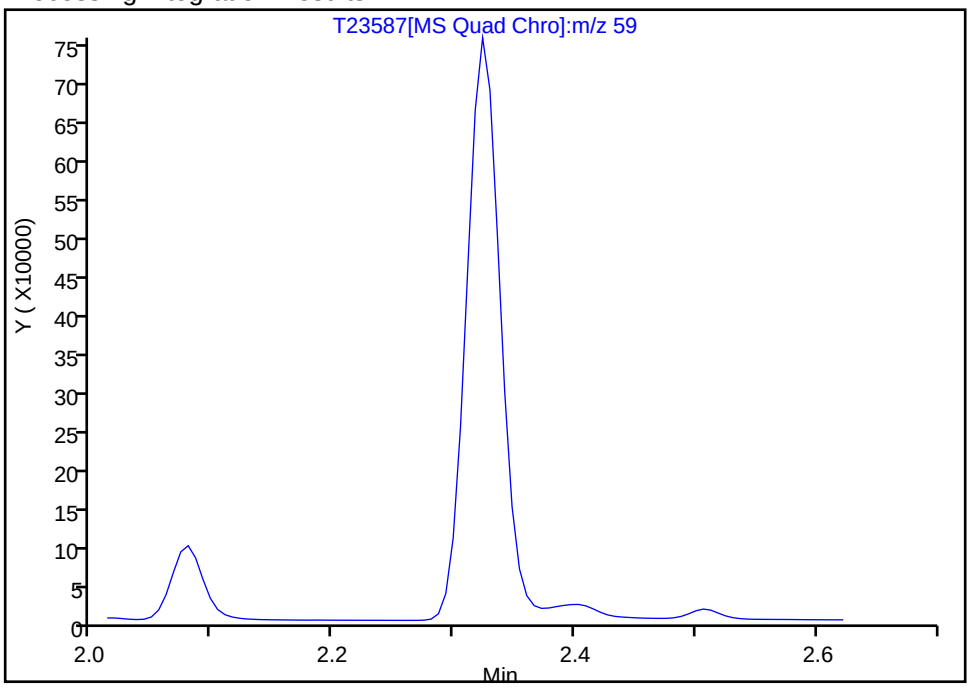
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

41 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

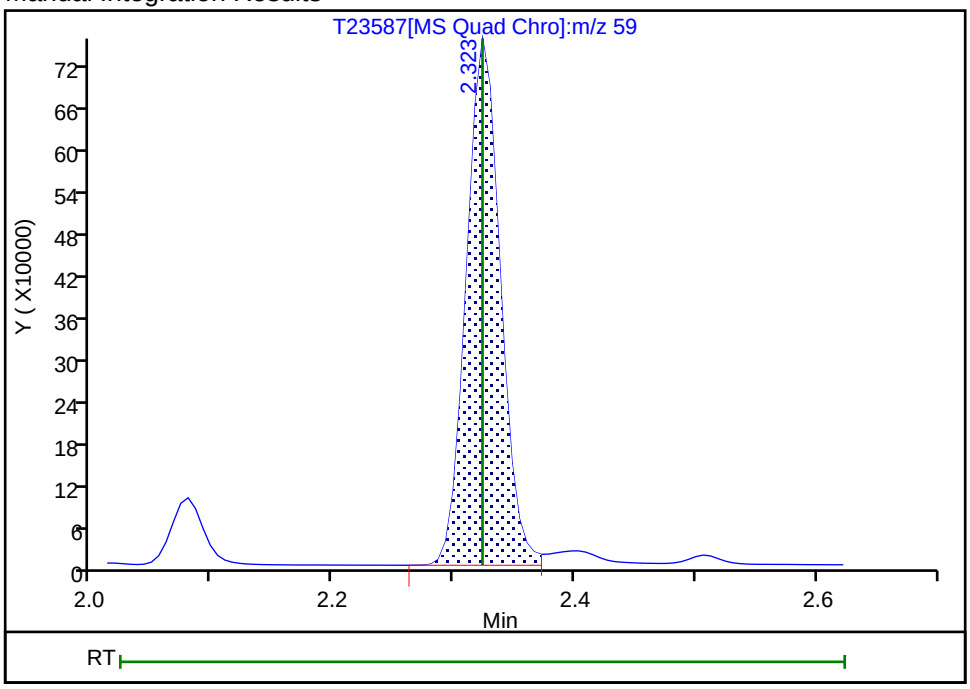
Not Detected
Expected RT: 2.32

Processing Integration Results



Manual Integration Results

RT: 2.32
Area: 1487428
Amount: 197.6223
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:55:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

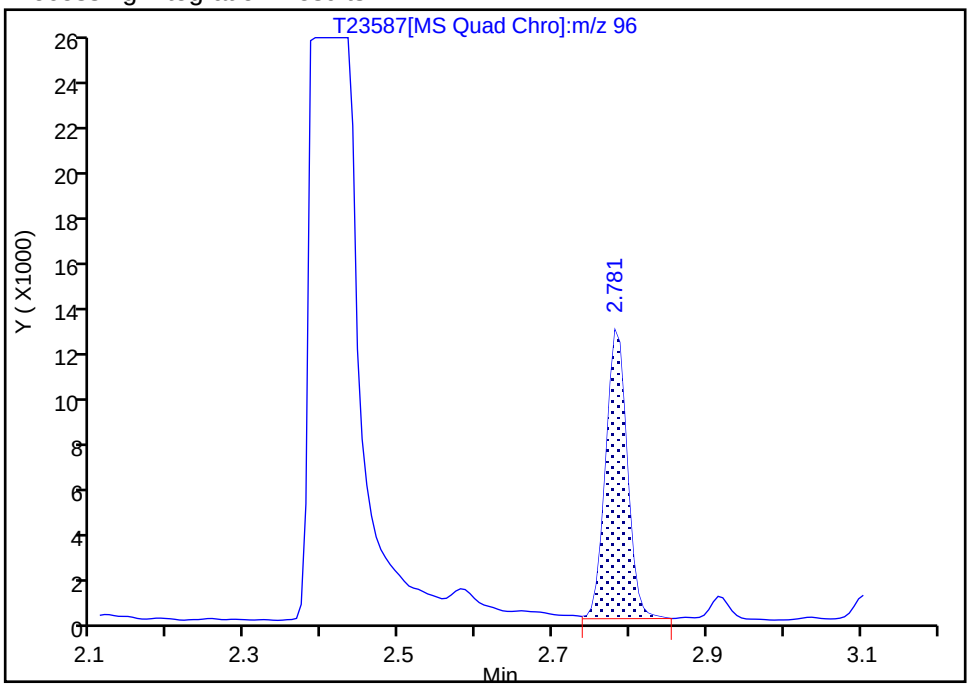
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

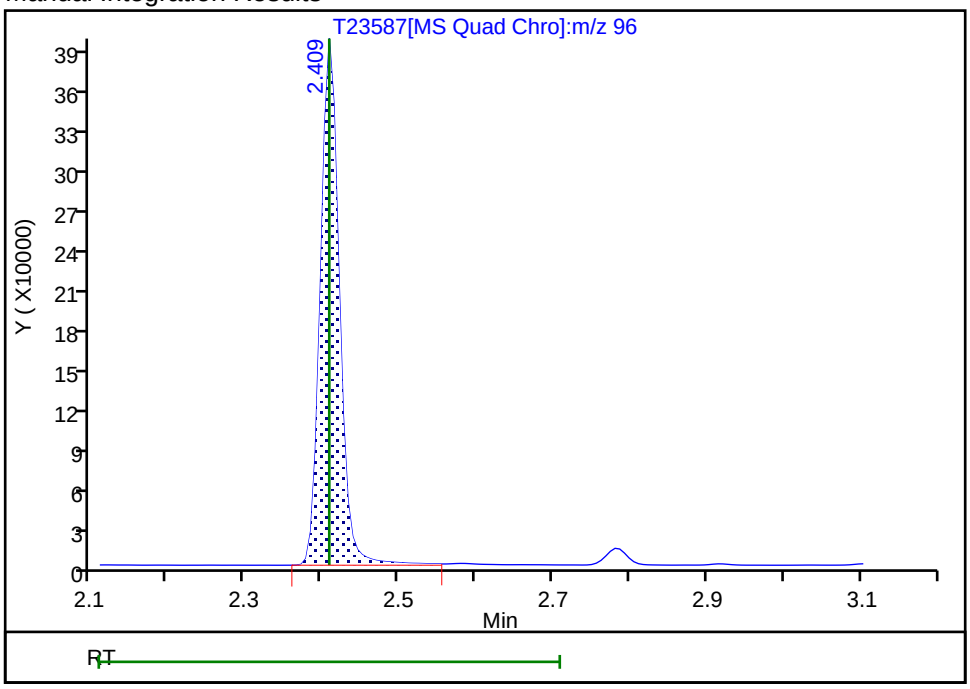
Processing Integration Results

RT: 2.78
Area: 24233
Amount: 14.372880
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 670579
Amount: 207.3281
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:22:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

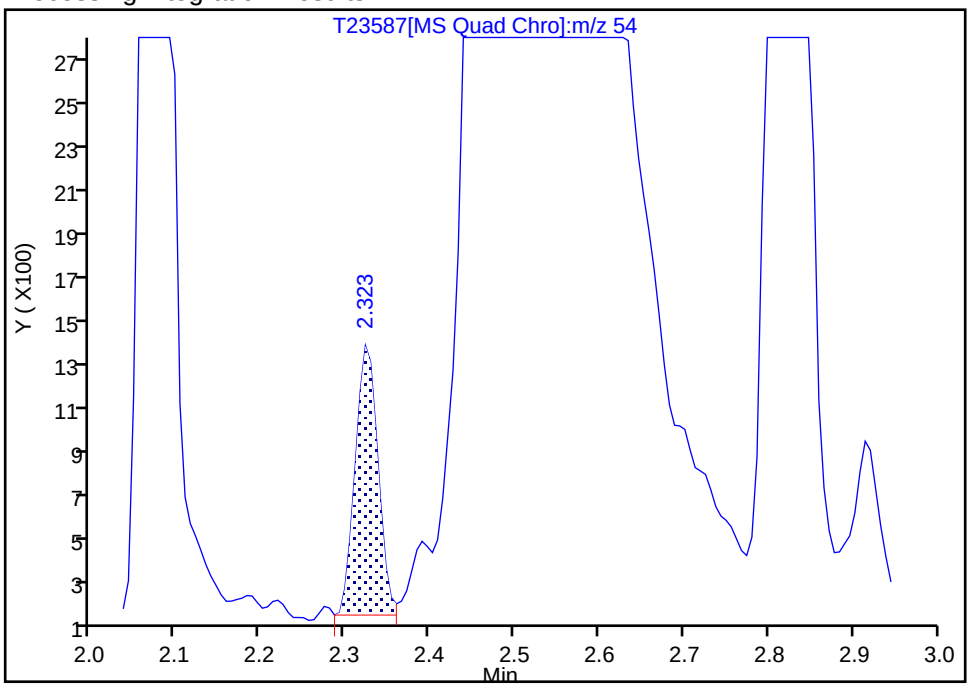
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D		
Injection Date:	04-Oct-2019 01:29:33	Instrument ID:	CVOAMS15
Lims ID:	STD200		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

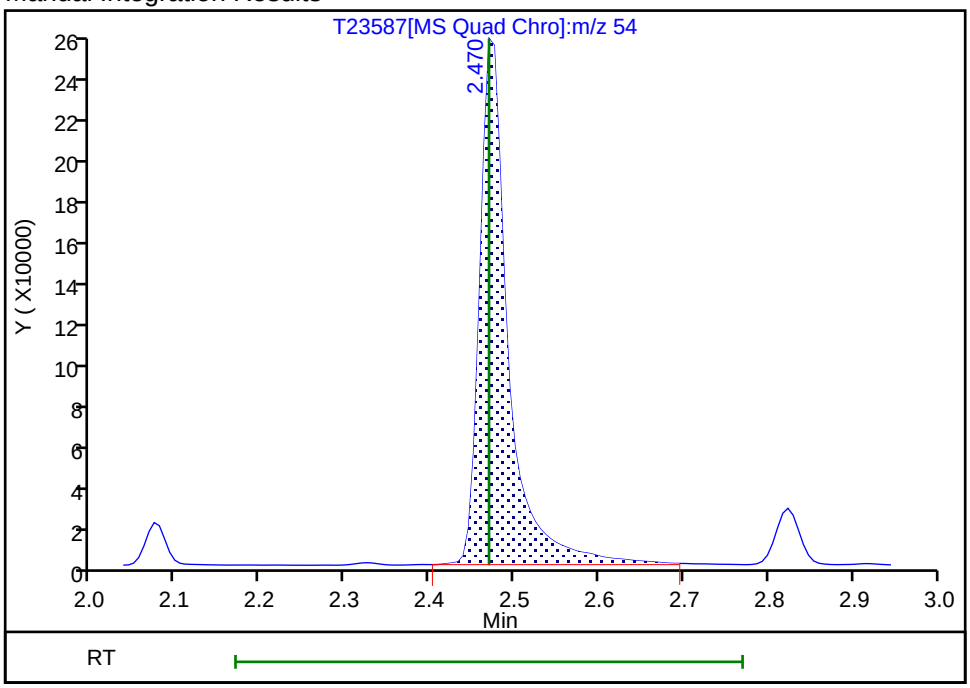
Processing Integration Results

RT: 2.32
Area: 2272
Amount: 10.819844
Amount Units: ug/l



Manual Integration Results

RT: 2.47
Area: 606903
Amount: 1934.1030
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:22:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

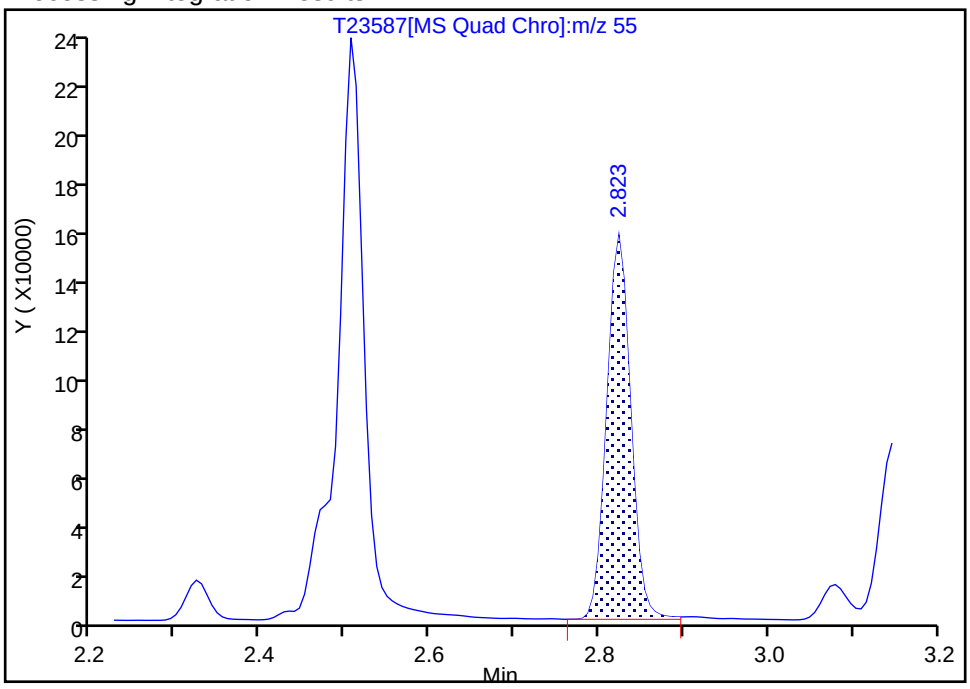
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

55 Methyl acrylate, CAS: 96-33-3

Signal: 1

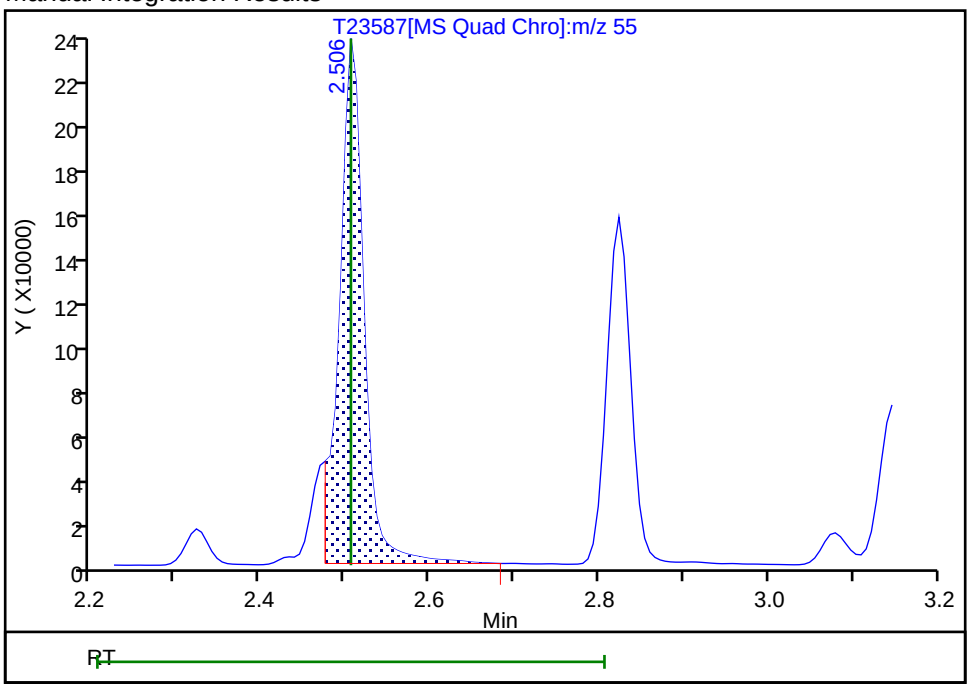
Processing Integration Results

RT: 2.82
Area: 306654
Amount: 184.8624
Amount Units: ug/l



Manual Integration Results

RT: 2.51
Area: 475400
Amount: 199.8088
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:33:47
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

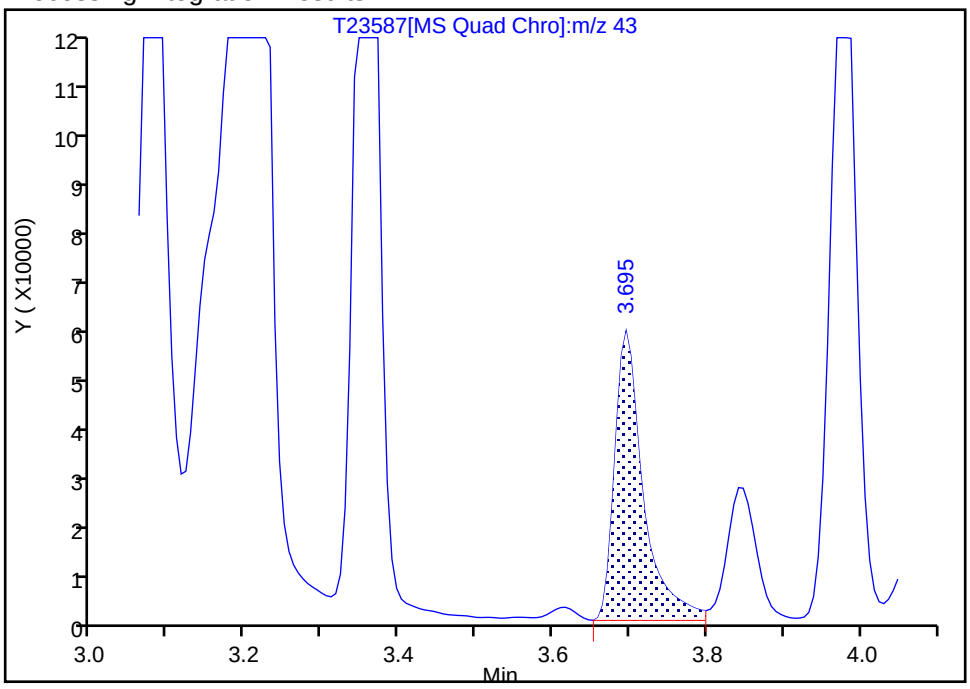
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Signal: 1

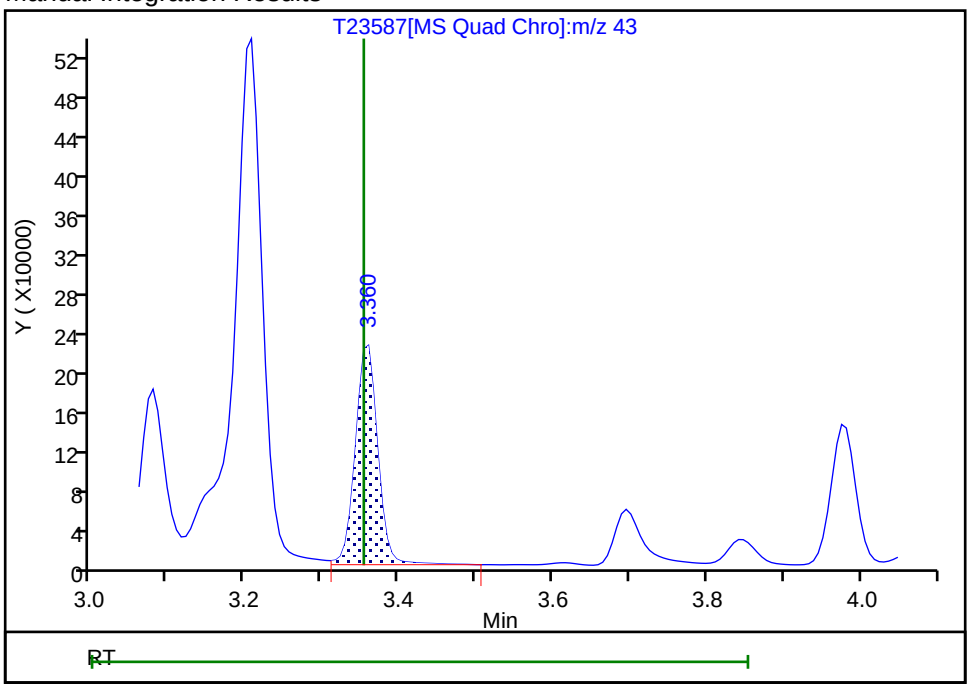
Processing Integration Results

RT: 3.70
Area: 146934
Amount: 86.075430
Amount Units: ug/l



Manual Integration Results

RT: 3.36
Area: 448703
Amount: 200.1536
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:56:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

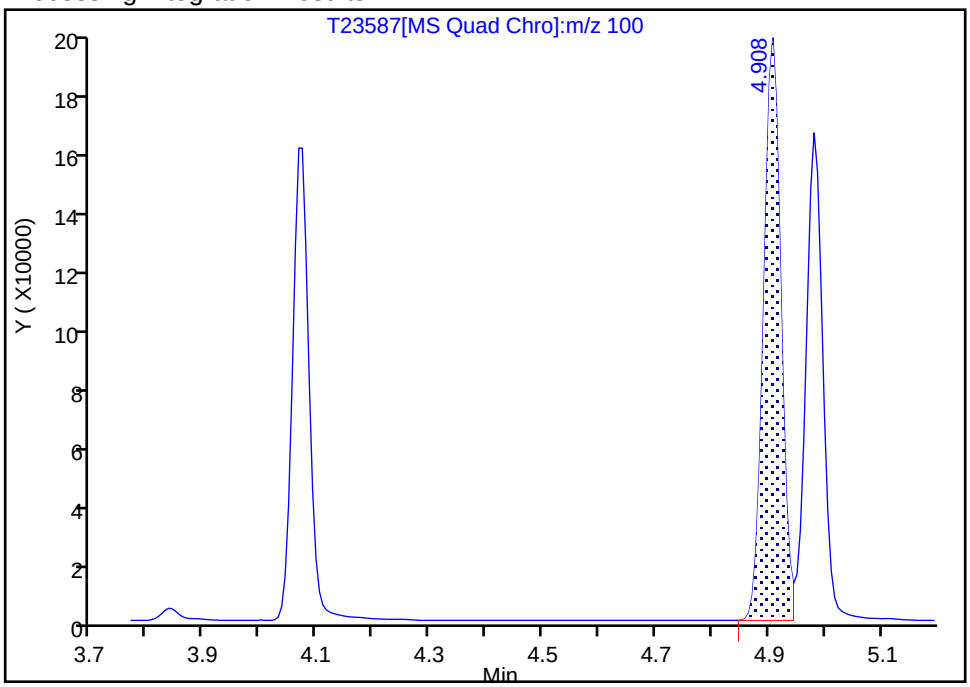
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 Methyl methacrylate, CAS: 80-62-6

Signal: 1

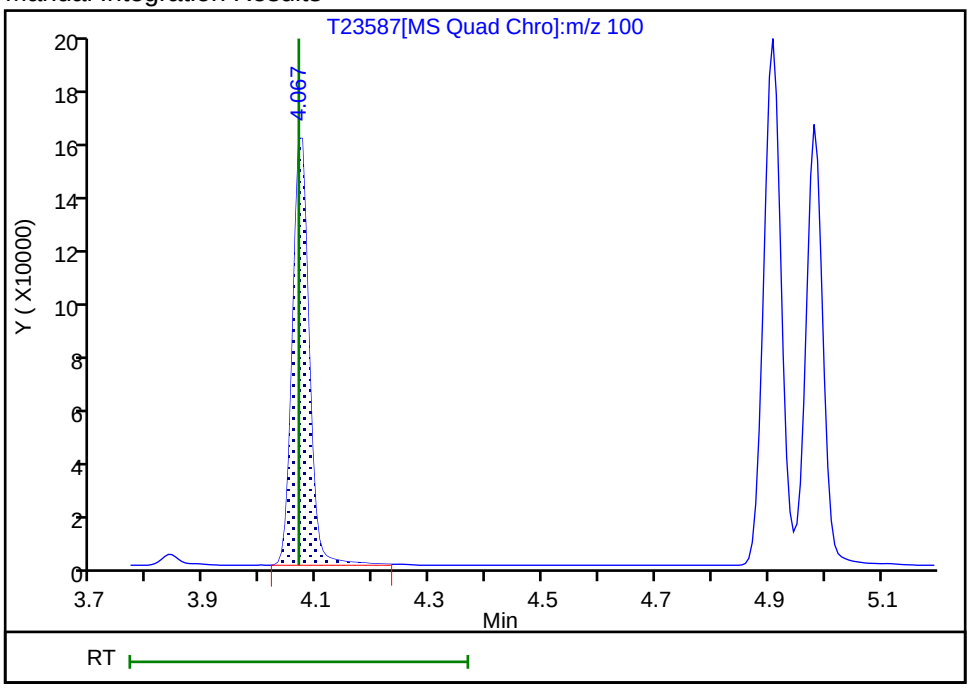
Processing Integration Results

RT: 4.91
Area: 412252
Amount: 5.673868
Amount Units: ug/l



Manual Integration Results

RT: 4.07
Area: 320348
Amount: 394.7466
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:56:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

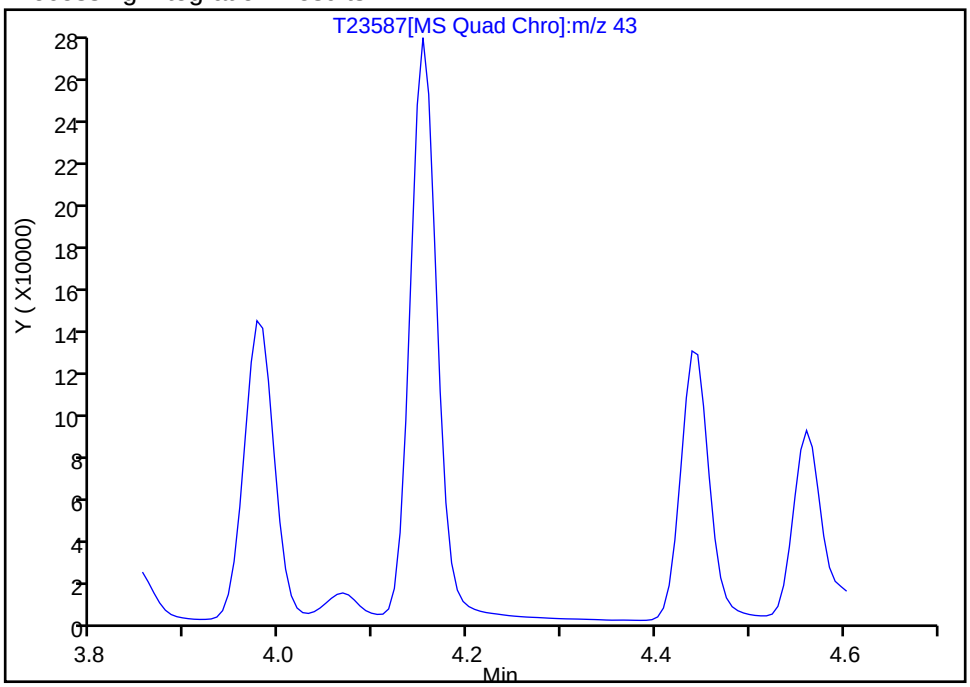
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

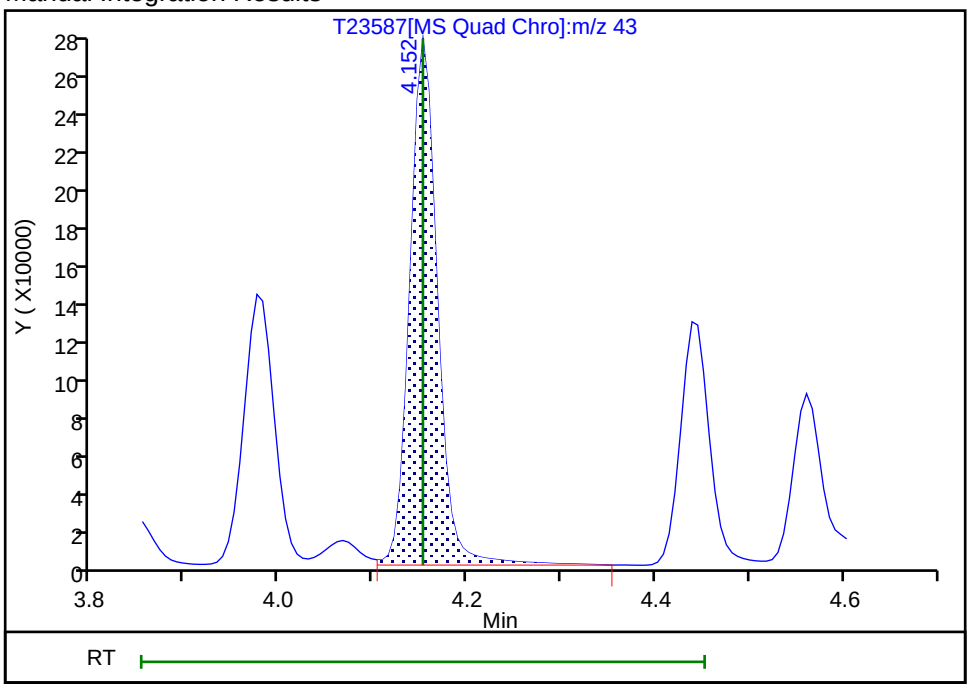
Not Detected
Expected RT: 4.15

Processing Integration Results



Manual Integration Results

RT: 4.15
Area: 567458
Amount: 201.5373
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:23:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

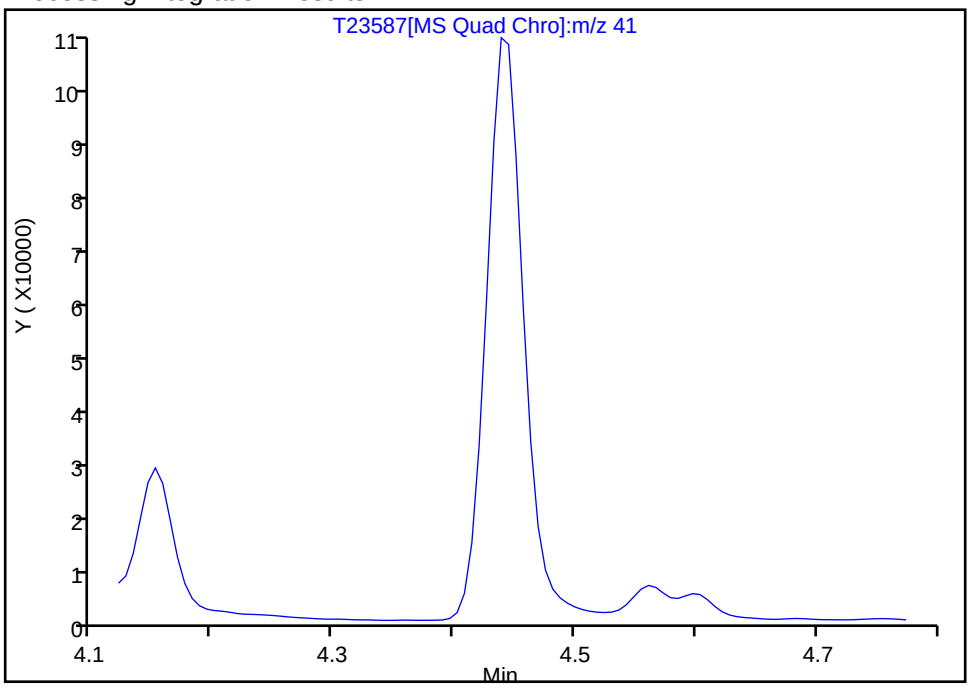
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

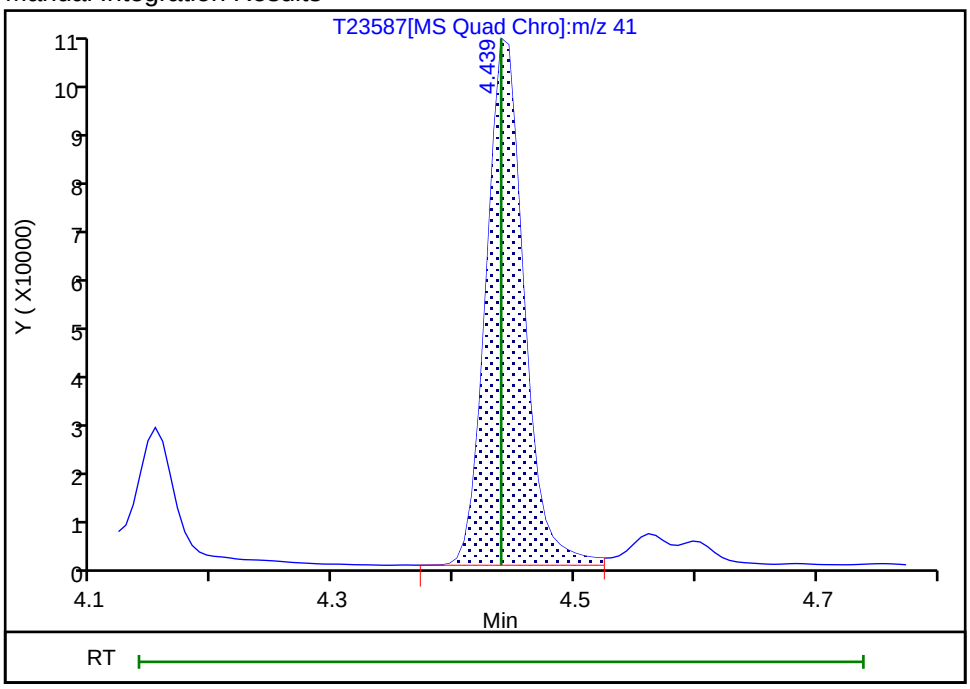
Not Detected
Expected RT: 4.44

Processing Integration Results



Manual Integration Results

RT: 4.44
Area: 231546
Amount: 372.5060
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:56:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

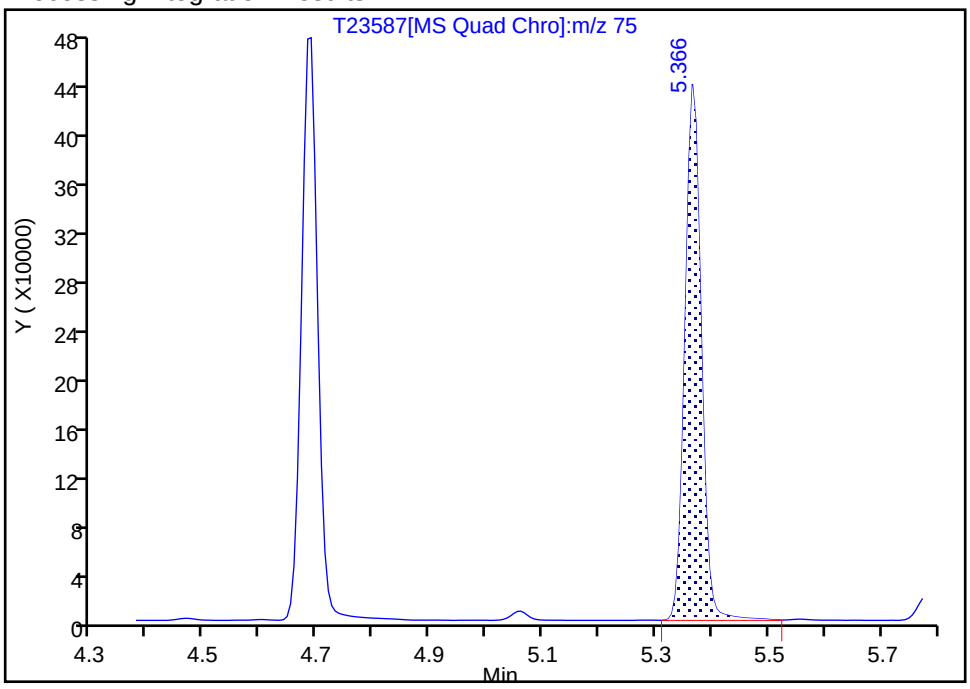
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

85 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

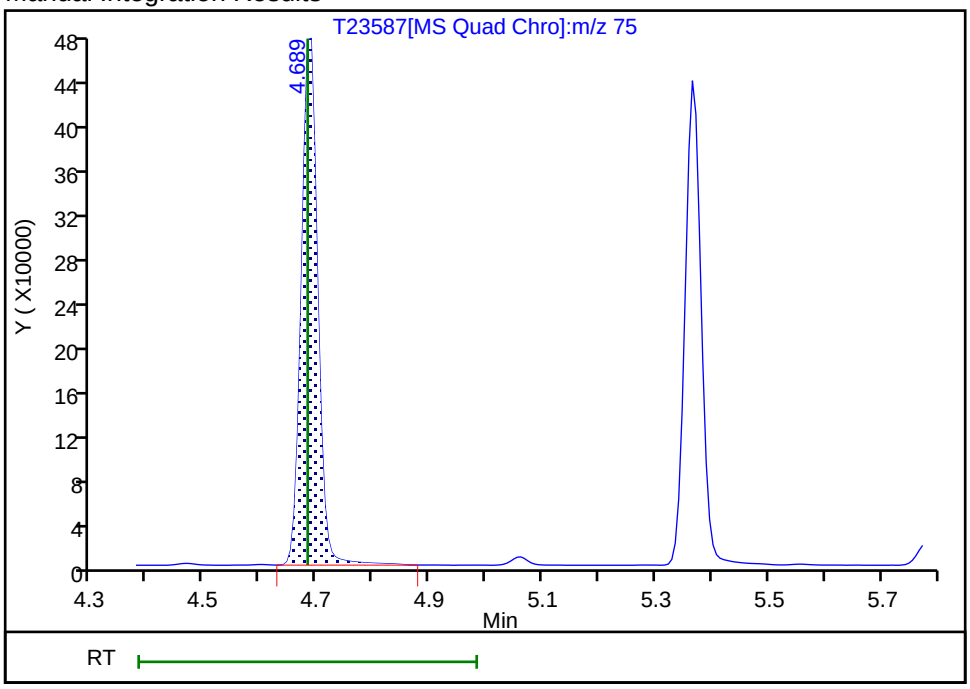
Processing Integration Results

RT: 5.37
Area: 867194
Amount: 212.8134
Amount Units: ug/l



Manual Integration Results

RT: 4.69
Area: 949884
Amount: 224.1479
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:34:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

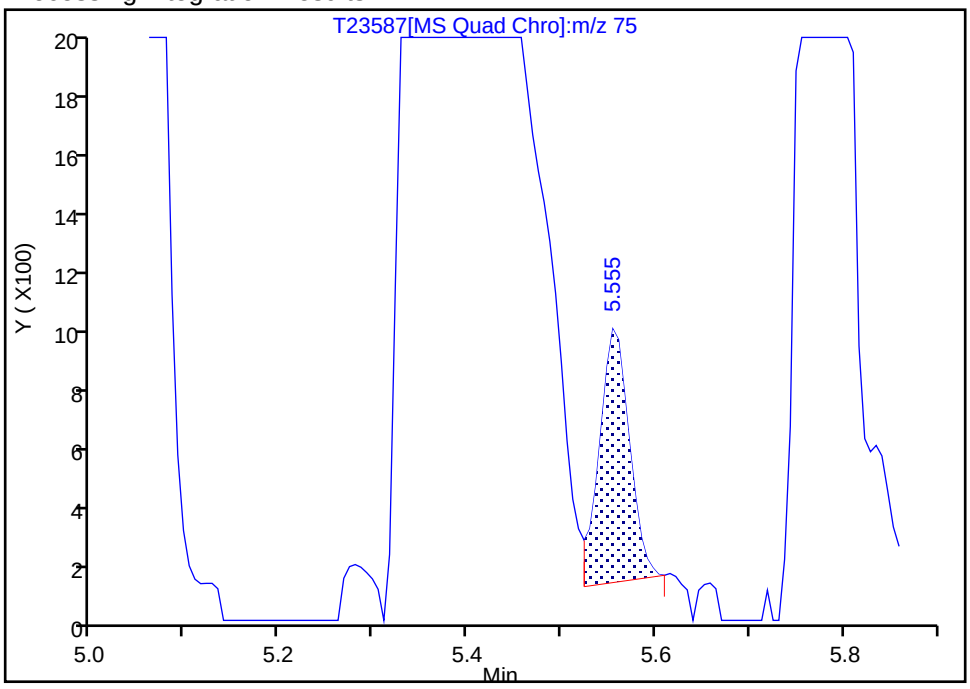
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D		
Injection Date:	04-Oct-2019 01:29:33	Instrument ID:	CVOAMS15
Lims ID:	STD200		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

81 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

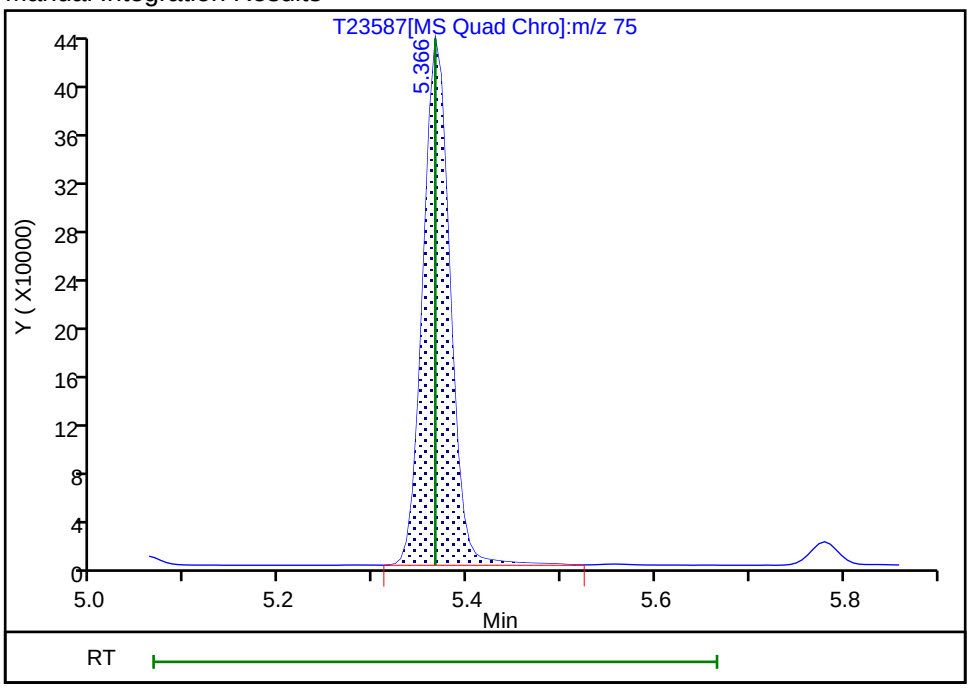
Processing Integration Results

RT: 5.55
Area: 1896
Amount: 0.732407
Amount Units: ug/l



Manual Integration Results

RT: 5.37
Area: 867194
Amount: 218.5338
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:34:40

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

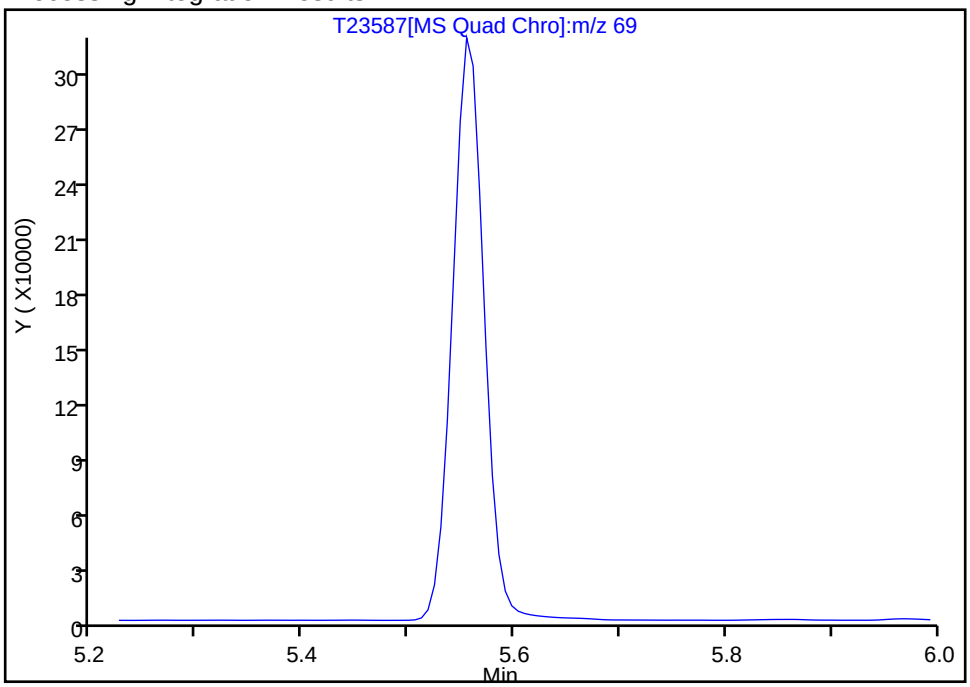
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

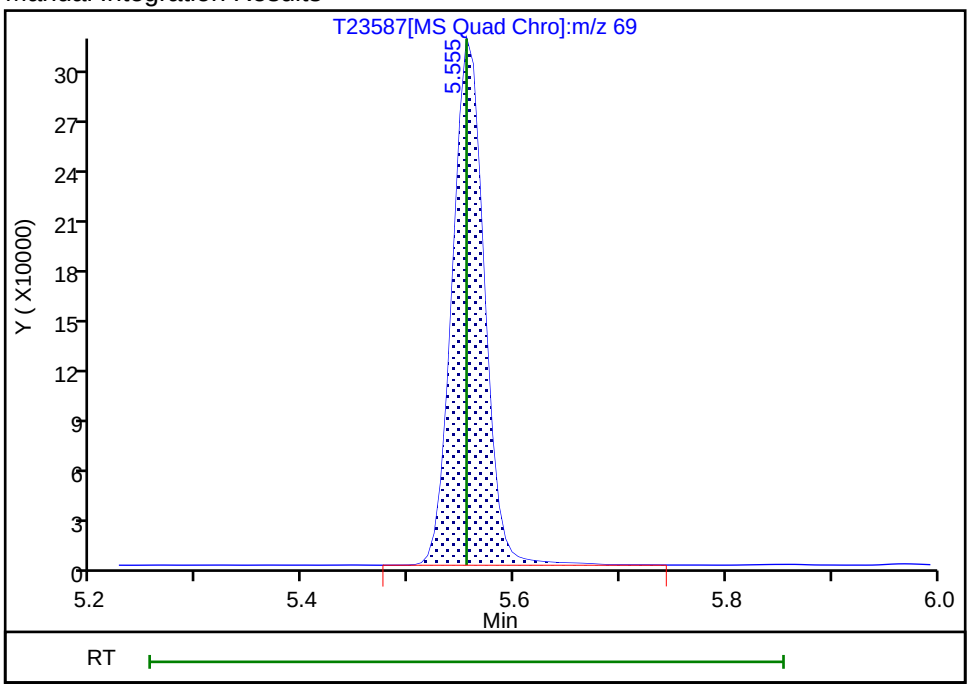
Not Detected
Expected RT: 5.55

Processing Integration Results



Manual Integration Results

RT: 5.55
Area: 661728
Amount: 211.8589
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:23:50
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

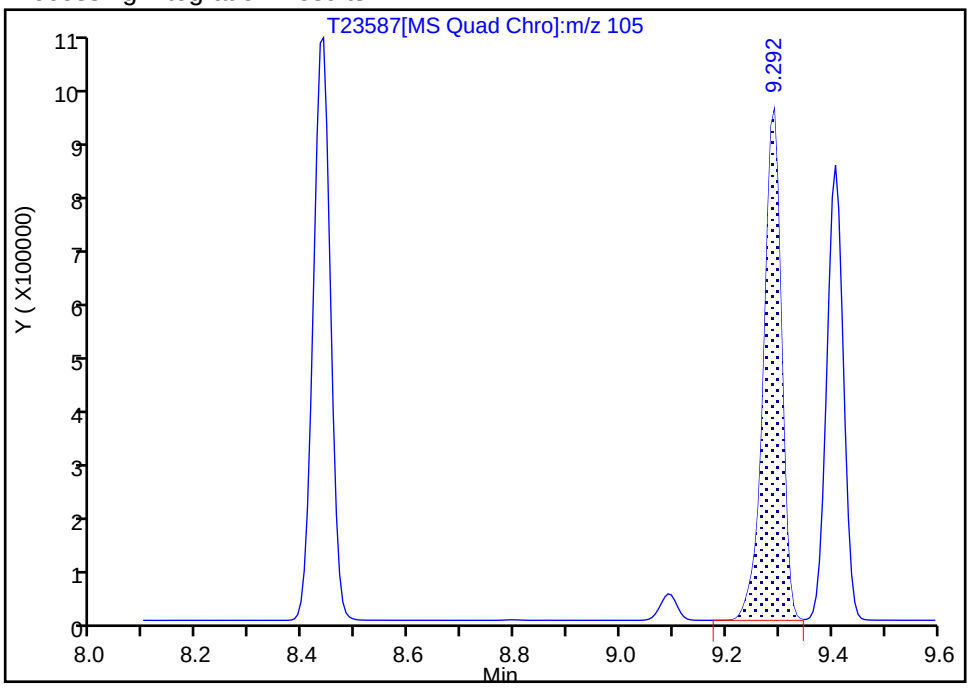
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

104 Isopropylbenzene, CAS: 98-82-8

Signal: 1

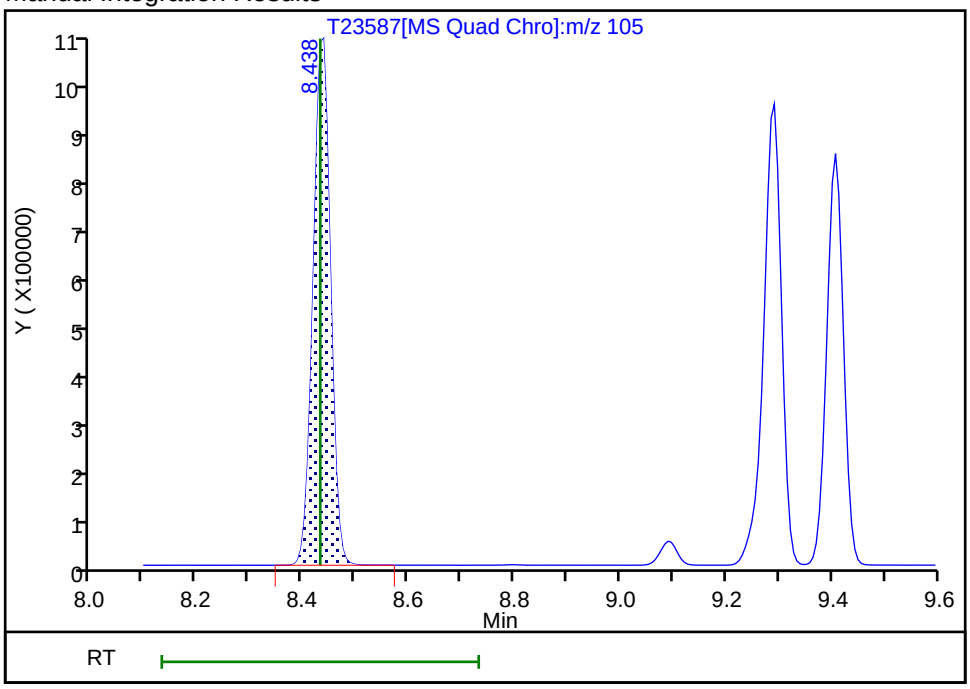
Processing Integration Results

RT: 9.29
Area: 2135026
Amount: 200.0601
Amount Units: ug/l



Manual Integration Results

RT: 8.44
Area: 2352525
Amount: 207.5465
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:32:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

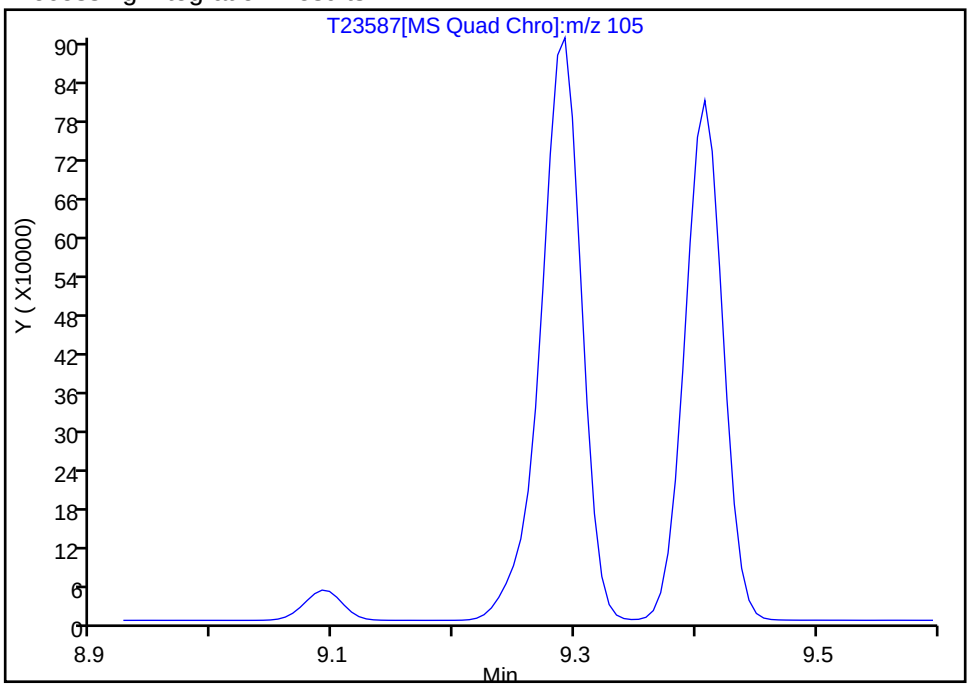
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

112 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

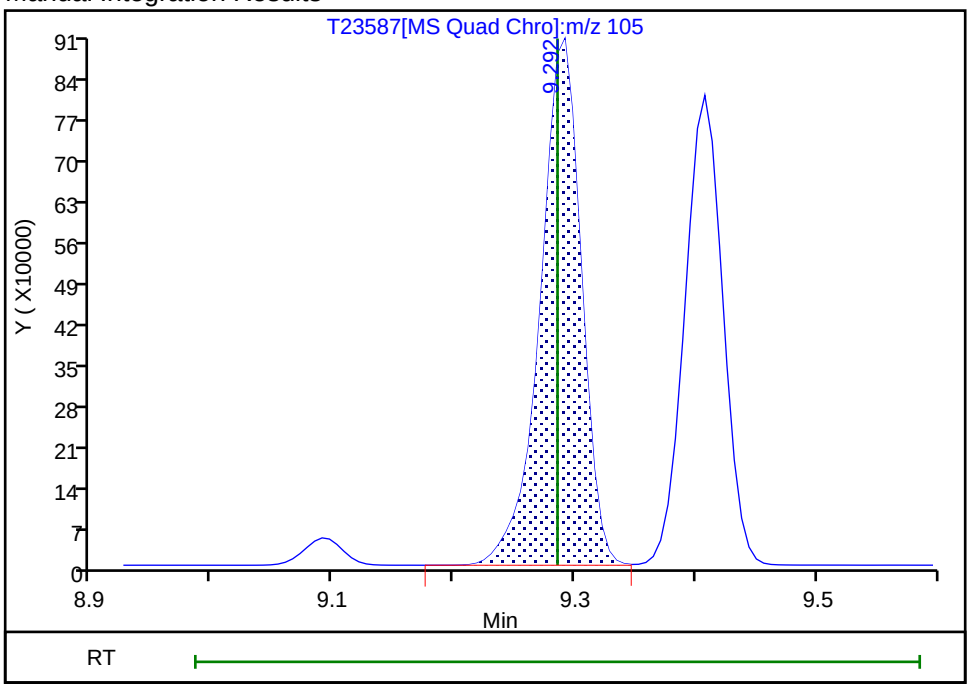
Not Detected
Expected RT: 9.29

Processing Integration Results



Manual Integration Results

RT: 9.29
Area: 2135026
Amount: 203.2348
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:32:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

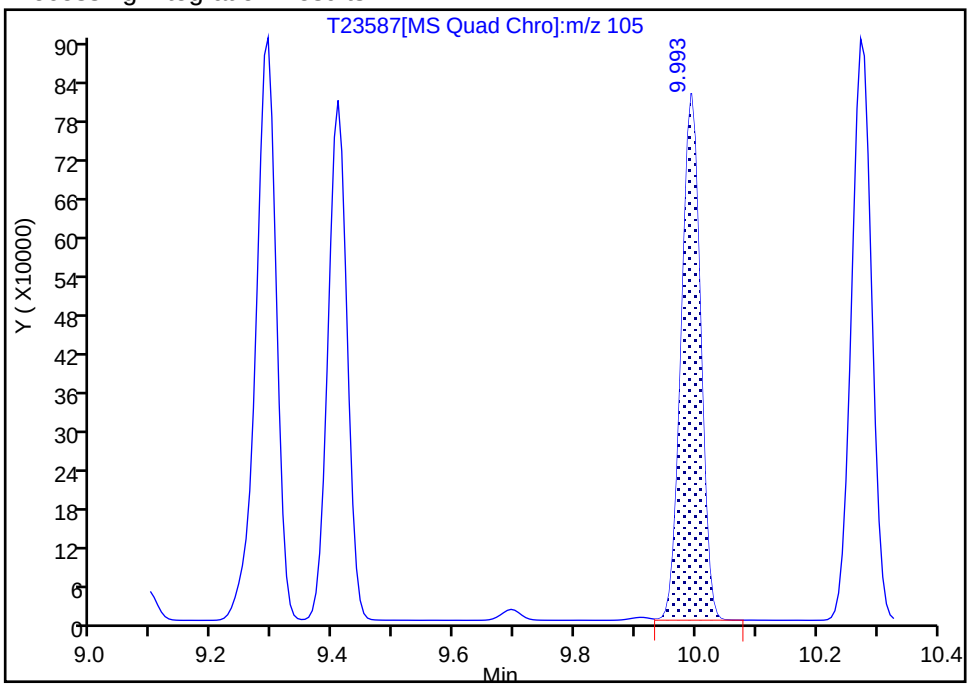
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

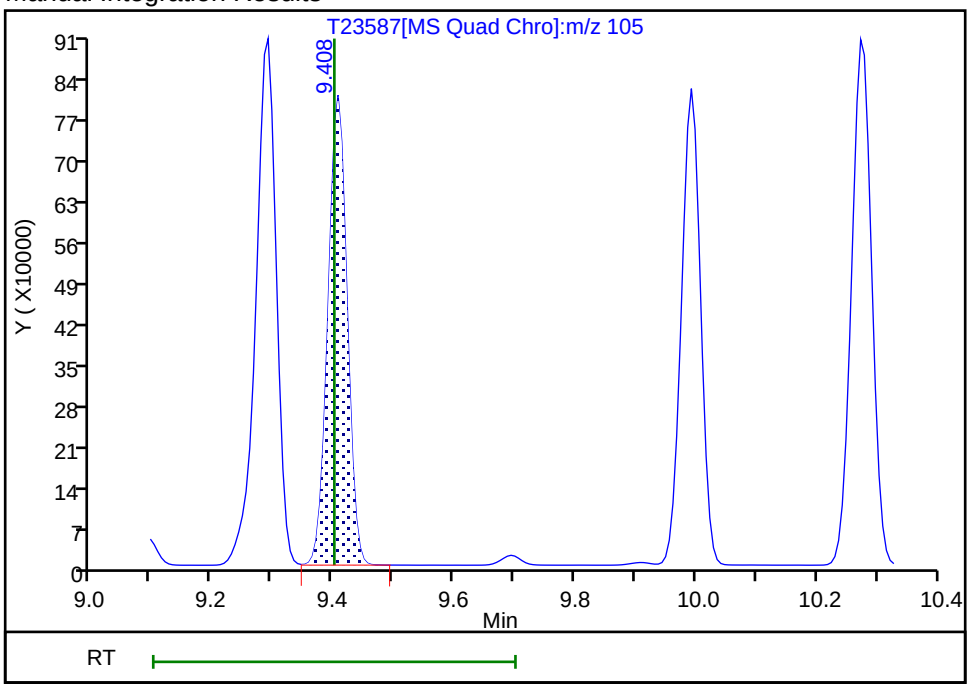
Processing Integration Results

RT: 9.99
Area: 1801582
Amount: 203.3272
Amount Units: ug/l



Manual Integration Results

RT: 9.41
Area: 1771054
Amount: 206.3984
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:32:04
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

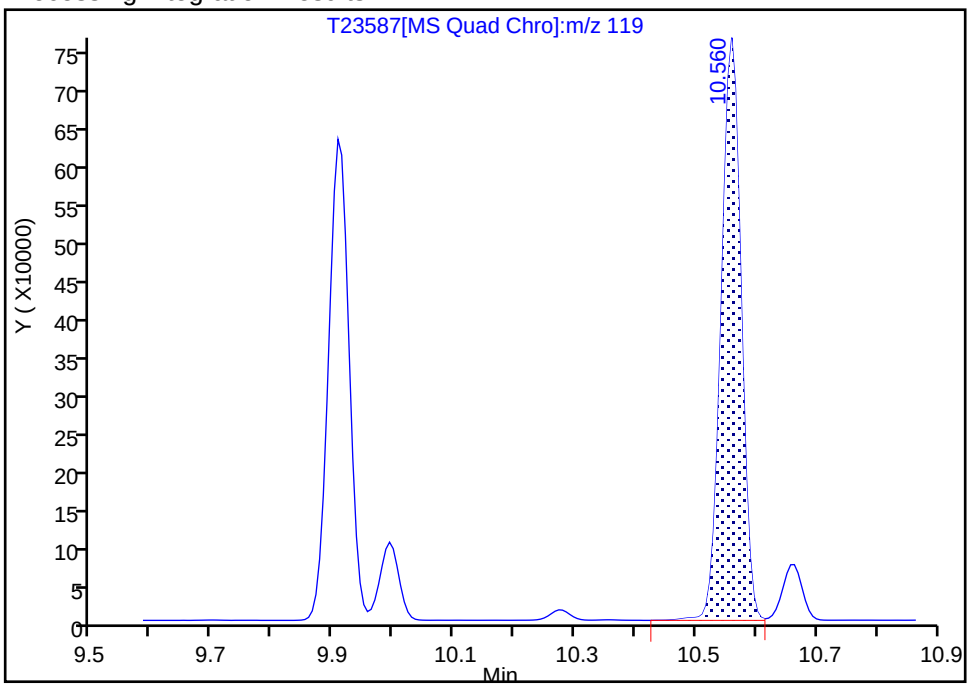
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

116 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

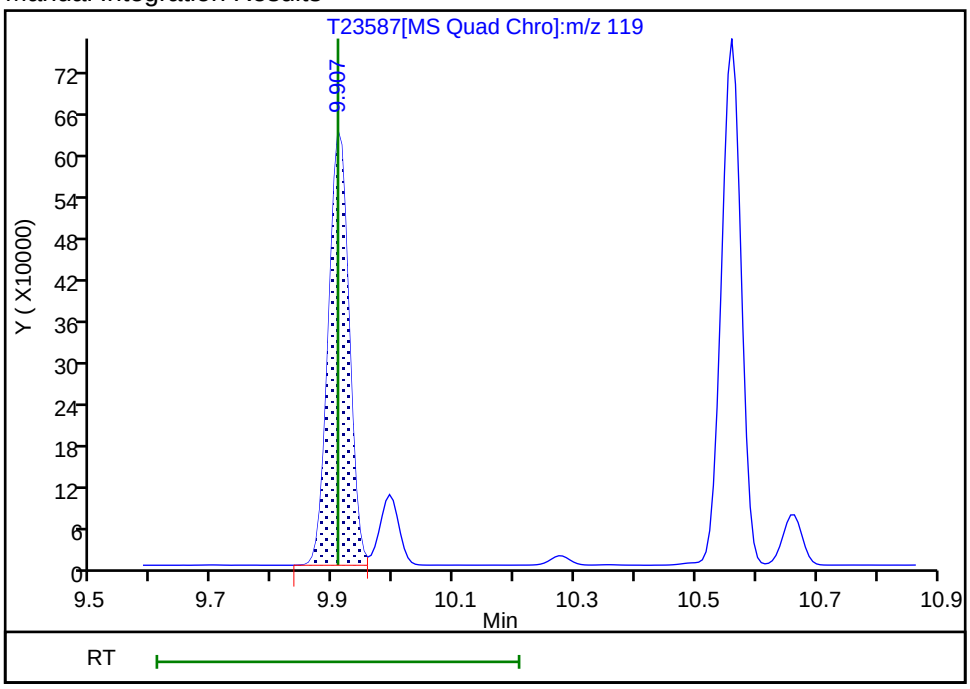
Processing Integration Results

RT: 10.56
Area: 1743166
Amount: 207.0793
Amount Units: ug/l



Manual Integration Results

RT: 9.91
Area: 1491037
Amount: 200.0091
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:31:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

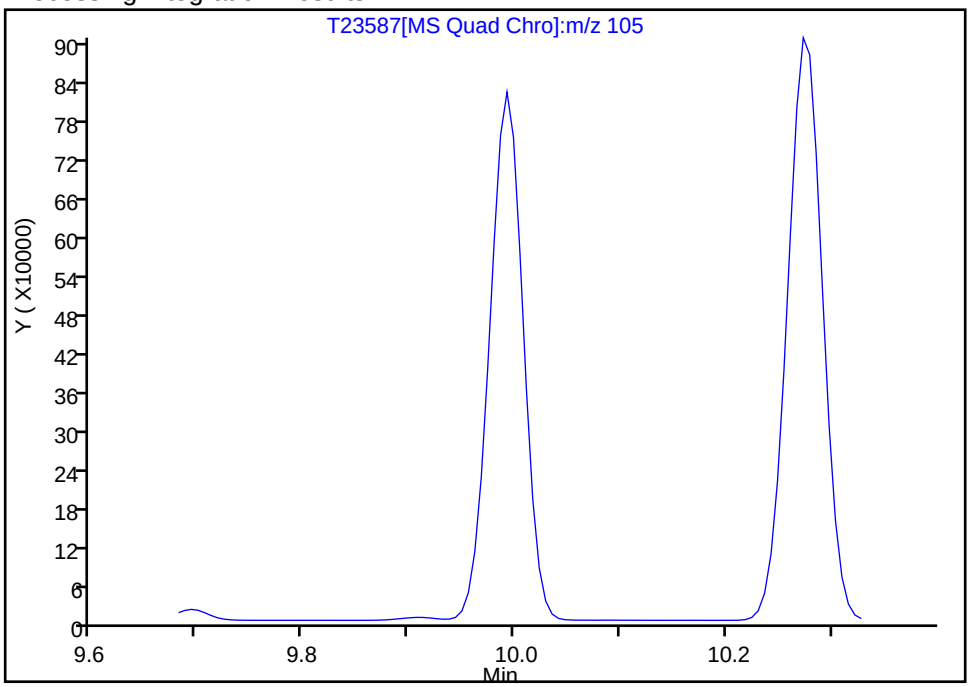
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D		
Injection Date:	04-Oct-2019 01:29:33	Instrument ID:	CVOAMS15
Lims ID:	STD200		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

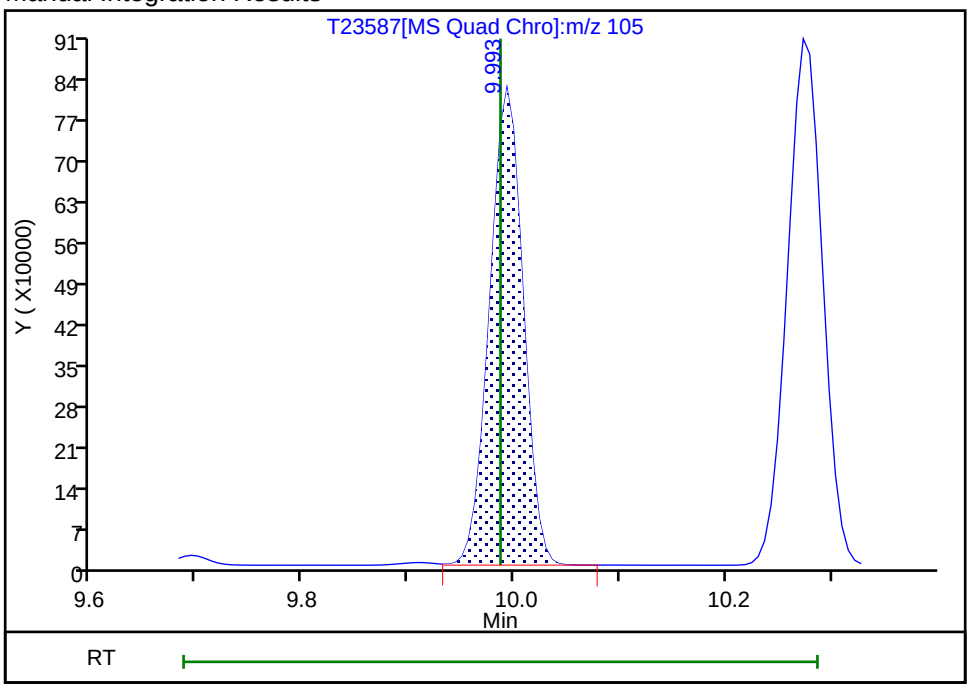
Not Detected
Expected RT: 9.99

Processing Integration Results



Manual Integration Results

RT: 9.99
Area: 1801582
Amount: 203.5924
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:24:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

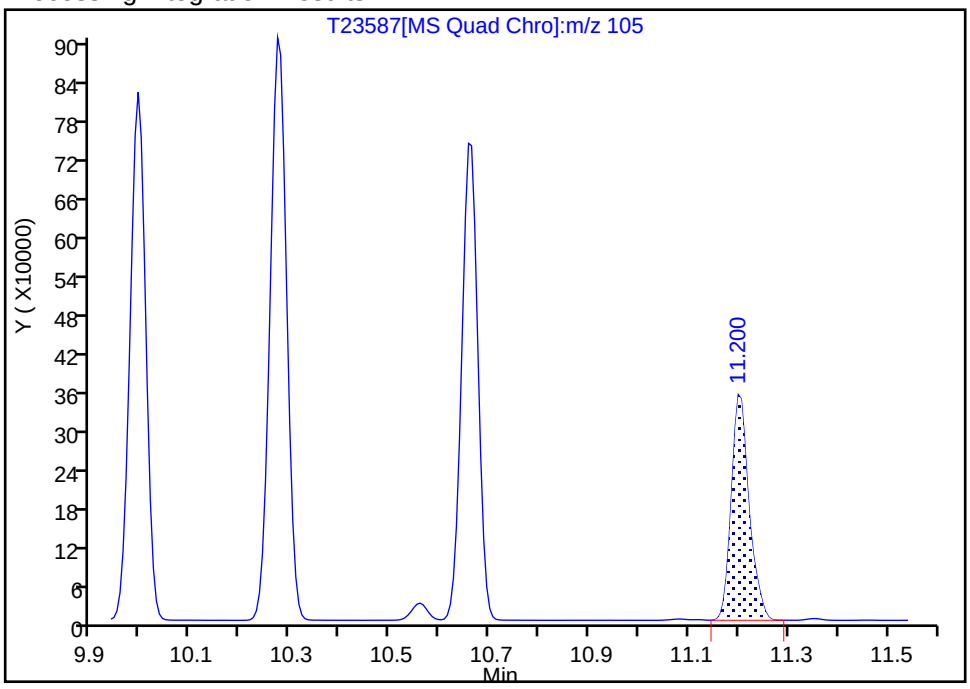
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D		
Injection Date:	04-Oct-2019 01:29:33	Instrument ID:	CVOAMS15
Lims ID:	STD200		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

118 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

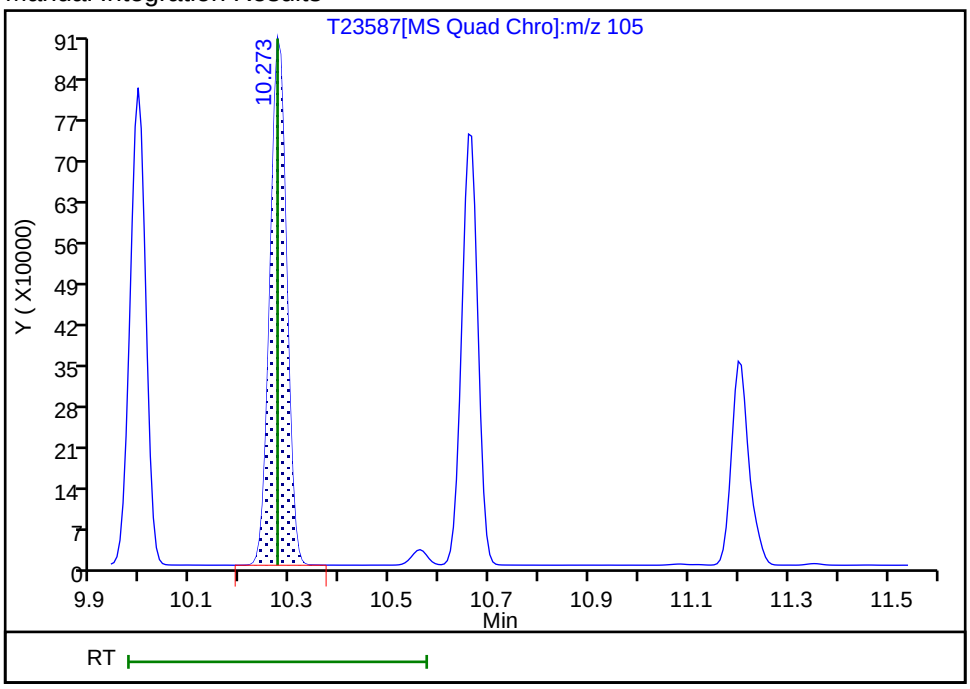
Processing Integration Results

RT: 11.20
Area: 861295
Amount: 241.0364
Amount Units: ug/l



Manual Integration Results

RT: 10.27
Area: 2098080
Amount: 205.4474
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:25:18

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

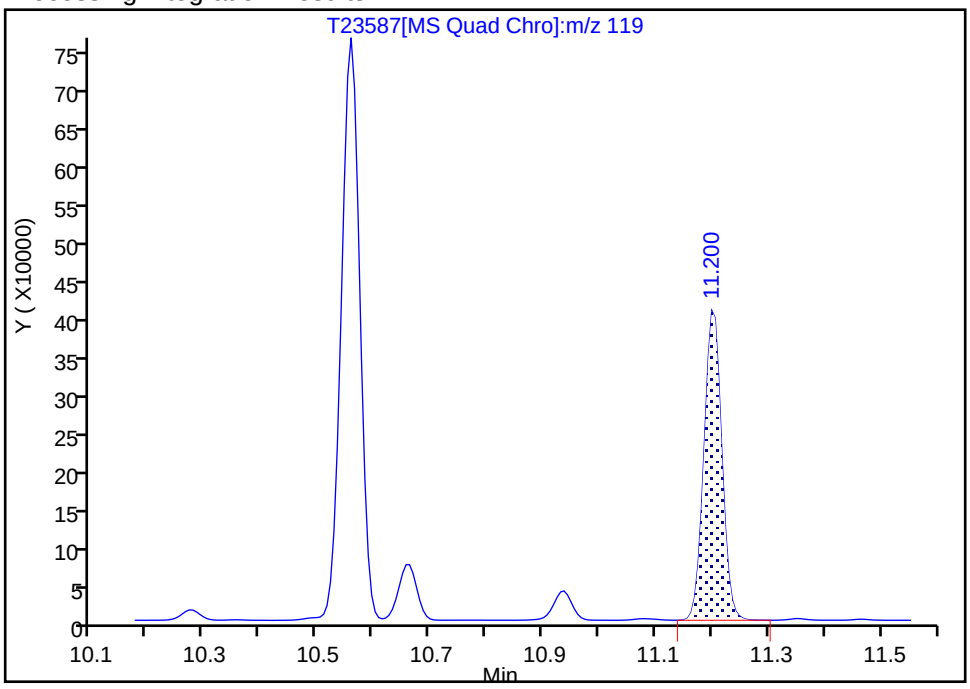
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

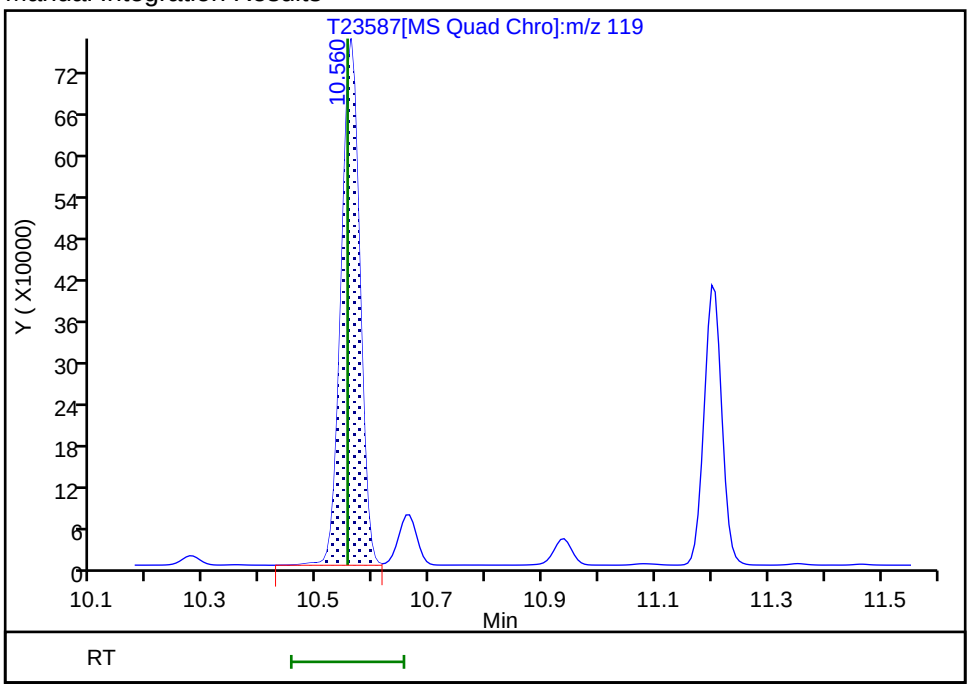
Processing Integration Results

RT: 11.20
Area: 884863
Amount: 191.1601
Amount Units: ug/l



Manual Integration Results

RT: 10.56
Area: 1743166
Amount: 206.4781
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:25:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

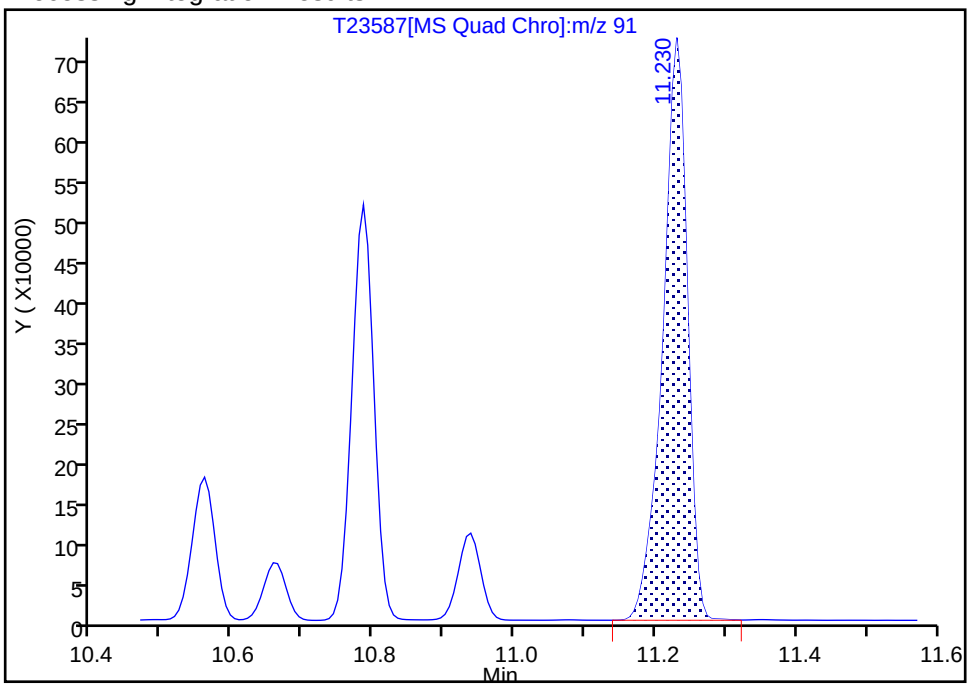
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 Benzyl chloride, CAS: 100-44-7

Signal: 1

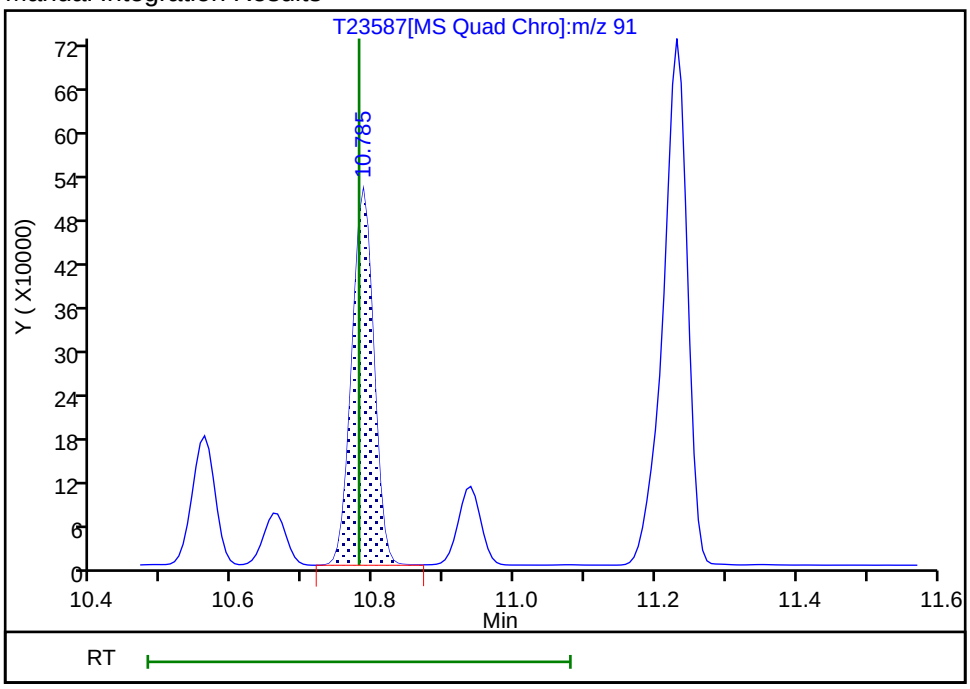
Processing Integration Results

RT: 11.23
Area: 1742427
Amount: 215.8360
Amount Units: ug/l



Manual Integration Results

RT: 10.79
Area: 1126473
Amount: 204.9848
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:47:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

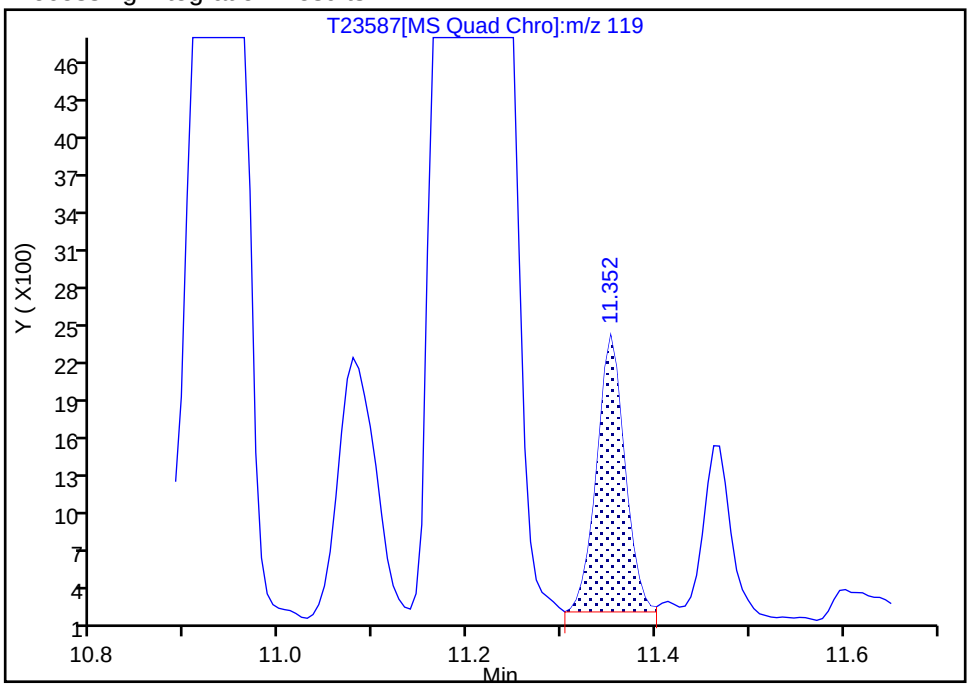
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23587.D
Injection Date: 04-Oct-2019 01:29:33 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

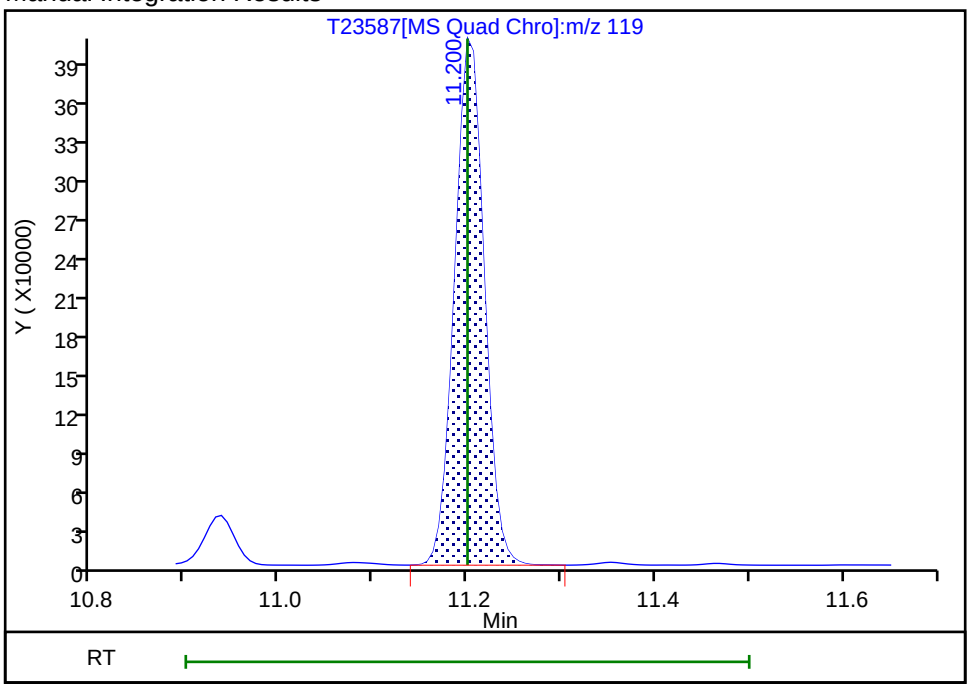
Processing Integration Results

RT: 11.35
Area: 4622
Amount: 492.8975
Amount Units: ug/l



Manual Integration Results

RT: 11.20
Area: 884863
Amount: 192.8732
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:56:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 04-Oct-2019 01:53:51 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0098692-010
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 04-Oct-2019 20:39:12 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0312

First Level Reviewer: desais Date: 04-Oct-2019 06:30:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	0.604	0.598	0.006	95	180663	500.0	659.2	
2 Chlorotrifluoroethene	116	0.653	0.653	0.000	77	692474	500.0	499.4	
4 1,1-Difluoroethane	65	0.671	0.653	0.018	68	2211425	500.0	499.3	a
3 Dichlorodifluoromethane	85	0.665	0.665	0.000	99	2200132	500.0	759.4	
5 Chlorodifluoromethane	67	0.671	0.671	0.000	82	2211425	500.0	499.2	
6 Chloromethane	50	0.744	0.744	0.000	99	1315360	500.0	552.6	
7 Vinyl chloride	62	0.787	0.787	0.000	98	1626289	500.0	570.6	
8 Butadiene	54	0.805	0.805	0.000	92	1357525	500.0	547.3	
9 Bromomethane	94	0.927	0.933	-0.006	98	687916	500.0	558.2	
10 Chloroethane	64	0.976	0.976	0.000	99	851529	500.0	552.2	
11 Dichlorofluoromethane	67	1.067	1.068	-0.001	99	2204676	500.0	490.0	
12 Trichlorofluoromethane	101	1.098	1.098	0.000	99	2258084	500.0	513.5	
13 Pentane	72	1.134	1.135	-0.001	94	496730	1000.0	960.4	
14 Ethanol	45	1.214	1.202	0.012	95	108726	20000	19942	M
15 1,2-Dichloro-1,1,2-trifluo	117	1.244	1.238	0.006	86	1284213	500.0	495.3	
16 Ethyl ether	59	1.238	1.238	0.000	51	893741	500.0	455.3	
17 2-Methyl-1,3-butadiene	53	1.244	1.244	0.000	81	1013008	500.0	487.5	
18 1,1,1-Trifluoro-2,2-dichlo	83	1.275	1.275	0.000	94	1964489	500.0	511.7	a
19 Acrolein	56	1.299	1.299	0.000	50	91637	400.0	400.7	
20 1,1-Dichloroethene	96	1.348	1.342	0.006	94	1221028	500.0	490.2	a
21 1,1,2-Trichloro-1,2,2-trif	101	1.348	1.348	0.000	79	1371134	500.0	481.2	
22 Acetone	43	1.384	1.378	0.006	89	1102909	2500.0	2454.3	
23 Iodomethane	142	1.421	1.421	0.000	100	1852949	500.0	528.4	
24 Carbon disulfide	76	1.451	1.452	-0.001	98	3638916	500.0	466.2	
25 Isopropyl alcohol	45	1.476	1.464	0.012	62	429189	5000.0	4208.4	
26 Acetonitrile	40	1.531	1.531	0.000	82	535827	5000.0	5401.9	
27 3-Chloro-1-propene	76	1.537	1.537	0.000	94	769869	500.0	485.5	
28 Methyl acetate	43	1.555	1.555	0.000	96	1315836	1000.0	941.2	
29 Cyclopentene	67	1.580	1.580	0.000	96	2934411	500.0	494.9	
30 Methylene Chloride	84	1.604	1.604	0.000	82	1328592	500.0	495.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.653	1.641	0.012	97	36645	1000.0	1000.0	
40 2-Methyl-2-propanol	59	1.701	1.683	0.018	99	949109	5000.0	5006.0	a
32 Acrylonitrile	53	1.750	1.744	0.006	94	3596429	5000.0	4917.2	
33 trans-1,2-Dichloroethene	96	1.762	1.756	0.006	88	1402477	500.0	491.9	a
34 Methyl tert-butyl ether	73	1.775	1.769	0.006	96	3539726	500.0	487.1	
35 Hexane	57	1.933	1.933	0.000	88	1546413	500.0	493.3	
36 1,1-Dichloroethane	63	2.018	2.012	0.006	99	2125672	500.0	484.9	
37 Vinyl acetate	86	2.067	2.061	0.006	99	593435	1000.0	1158.8	
38 2-Chloro-1,3-butadiene	88	2.079	2.073	0.006	77	1398043	500.0	513.8	
39 Isopropyl ether	45	2.079	2.080	-0.001	73	3048940	500.0	468.3	
41 Tert-butyl ethyl ether	59	2.329	2.323	0.006	91	3509545	500.0	476.1	
* 42 2-Butanone-d5	46	2.396	2.384	0.012	13	190033	250.0	250.0	
43 2,2-Dichloropropane	97	2.409	2.403	0.006	81	503892	500.0	499.8	
44 cis-1,2-Dichloroethene	96	2.415	2.409	0.006	98	1547084	500.0	488.4	a
45 2-Butanone (MEK)	43	2.439	2.427	0.012	97	1865297	2500.0	2912.6	
46 Propionitrile	54	2.482	2.470	0.012	95	1426949	5000.0	5205.4	a
47 Ethyl acetate	70	2.494	2.488	0.006	99	264960	1000.0	1000.0	
48 Isopropyl acetate	61	2.494	2.488	0.006	93	352446	500.0	474.6	
55 Methyl acrylate	55	2.512	2.506	0.006	94	1249271	500.0	500.0	a
50 Chlorobromomethane	128	2.585	2.579	0.006	66	716541	500.0	468.3	
49 Methacrylonitrile	67	2.604	2.579	0.025	84	4750978	5000.0	4759.5	
51 Tetrahydrofuran	72	2.634	2.622	0.012	74	312438	1000.0	1022.3	
52 Chloroform	83	2.659	2.647	0.012	100	2254560	500.0	470.2	
$ 53 Dibromofluoromethane (Surr	113	2.781	2.775	0.005	32	134528	50.0	48.1	
54 1,1,1-Trichloroethane	97	2.787	2.781	0.006	96	2213785	500.0	490.2	
56 Cyclohexane	84	2.829	2.823	0.006	84	2049200	500.0	525.0	
57 Carbon tetrachloride	117	2.915	2.915	0.000	98	2061336	500.0	487.3	
58 1,1-Dichloropropene	75	2.921	2.915	0.006	95	1886207	500.0	491.4	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.043	3.037	0.006	96	129841	50.0	47.1	
60 Isobutyl alcohol	43	3.091	3.073	0.018	38	820428	12500	12478	
61 Benzene	78	3.085	3.085	0.000	95	5218003	500.0	492.5	
62 1,2-Dichloroethane	62	3.110	3.104	0.006	78	1532250	500.0	453.9	
63 Isooctane	57	3.177	3.177	0.000	99	2776053	500.0	487.1	
64 Tert-amyl methyl ether	73	3.219	3.213	0.006	83	3593487	500.0	494.0	
* 65 Fluorobenzene	96	3.335	3.335	0.000	97	487418	50.0	50.0	
66 n-Heptane	43	3.360	3.354	0.006	84	1067211	500.0	486.1	a
67 Trichloroethene	95	3.677	3.671	0.006	100	1618910	500.0	467.3	
68 n-Butanol	56	3.707	3.695	0.012	84	703716	12500	13547	
69 Ethyl acrylate	55	3.847	3.841	0.006	96	2757447	500.0	473.2	
70 Methylcyclohexane	83	3.860	3.854	0.006	86	2206810	500.0	515.3	
71 1,2-Dichloropropane	63	3.890	3.884	0.006	89	1242295	500.0	491.6	
72 Dibromomethane	93	4.006	4.000	0.006	63	813289	500.0	440.4	
* 73 1,4-Dioxane-d8	96	4.006	4.006	0.000	12	33424	1000.0	1000.0	
74 1,4-Dioxane	88	4.067	4.055	0.012	32	287437	10000	8941.1	
75 Methyl methacrylate	100	4.079	4.067	0.012	79	760973	1000.0	957.5	a
76 n-Propyl acetate	43	4.158	4.152	0.006	96	1354628	500.0	491.3	a
77 Dichlorobromomethane	83	4.189	4.183	0.006	99	1844297	500.0	492.4	
78 2-Nitropropane	41	4.451	4.439	0.012	97	524071	1000.0	860.9	a
79 2-Chloroethyl vinyl ether	63	4.567	4.561	0.006	94	869081	501.2	482.4	
80 Epichlorohydrin	57	4.609	4.597	0.012	98	2162600	10000	11155	
85 cis-1,3-Dichloropropene	75	4.689	4.683	0.006	90	2152579	500.0	519.9	a
82 4-Methyl-2-pentanone (MIBK	43	4.914	4.902	0.012	92	4120514	2500.0	2675.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.987	4.981	0.006	100	490427	50.0	50.5	
84 Toluene	91	5.067	5.055	0.012	94	5511183	500.0	481.8	
81 trans-1,3-Dichloropropene	75	5.371	5.366	0.005	95	1949085	500.0	502.7	a
86 Ethyl methacrylate	69	5.560	5.555	0.005	84	1496547	500.0	490.4	a
87 1,1,2-Trichloroethane	83	5.585	5.579	0.006	93	944464	500.0	485.5	
88 Tetrachloroethene	166	5.725	5.719	0.006	95	1428976	500.0	502.9	
89 1,3-Dichloropropane	76	5.786	5.780	0.006	89	1832234	500.0	490.1	
90 2-Hexanone	43	5.981	5.969	0.012	91	2782544	2500.0	2627.7	
91 Chlorodibromomethane	129	6.066	6.054	0.012	96	1425689	500.0	497.8	
92 Ethylene Dibromide	107	6.176	6.164	0.012	98	1238774	500.0	472.5	
93 n-Butyl acetate	43	6.201	6.195	0.006	97	1303192	500.0	455.2	
* 94 Chlorobenzene-d5	117	6.841	6.835	0.006	85	367299	50.0	50.0	
95 Chlorobenzene	112	6.877	6.871	0.006	95	3536394	500.0	477.7	
96 1,1,1,2-Tetrachloroethane	131	7.030	7.018	0.012	96	1270971	500.0	485.0	
97 Ethylbenzene	106	7.091	7.079	0.012	97	1868608	500.0	479.4	
98 m-Xylene & p-Xylene	106	7.267	7.262	0.005	95	2260194	500.0	484.0	
99 o-Xylene	106	7.841	7.828	0.013	94	2157447	500.0	482.8	
100 Styrene	104	7.871	7.865	0.006	93	3551993	500.0	473.3	
101 n-Butyl acrylate	73	7.962	7.957	0.005	98	776946	500.0	448.2	
102 Bromoform	173	8.084	8.078	0.006	93	860908	500.0	508.9	
103 Amyl acetate (mixed isomer	43	8.353	8.347	0.006	92	1365043	500.0	466.8	
104 Isopropylbenzene	105	8.438	8.432	0.006	96	5273760	500.0	476.2	a
$ 105 4-Bromofluorobenzene	174	8.627	8.621	0.006	0	134075	50.0	48.7	
106 Bromobenzene	156	8.804	8.798	0.006	97	1320651	500.0	509.3	
107 1,1,2,2-Tetrachloroethane	83	8.962	8.950	0.012	94	1208679	500.0	532.7	
108 1,2,3-Trichloropropane	110	8.962	8.956	0.006	86	417722	500.0	496.4	
109 trans-1,4-Dichloro-2-buten	53	9.060	9.042	0.018	97	365936	500.0	471.1	
110 N-Propylbenzene	91	9.103	9.084	0.019	99	6262260	500.0	489.0	
111 2-Chlorotoluene	91	9.157	9.145	0.012	96	3433120	500.0	473.6	
112 4-Ethyltoluene	105	9.298	9.286	0.012	98	4908423	500.0	482.1	a
113 4-Chlorotoluene	91	9.346	9.334	0.012	97	3388465	500.0	486.1	
114 1,3,5-Trimethylbenzene	105	9.413	9.401	0.012	93	3987160	500.0	479.5	a
115 Butyl Methacrylate	87	9.724	9.712	0.012	84	1471531	500.0	492.3	
116 tert-Butylbenzene	119	9.913	9.907	0.006	92	3442037	500.0	476.5	a
117 1,2,4-Trimethylbenzene	105	9.999	9.987	0.012	97	4021075	500.0	468.9	a
118 sec-Butylbenzene	105	10.279	10.273	0.006	98	4796694	500.0	484.7	a
119 1,3-Dichlorobenzene	146	10.364	10.352	0.012	95	2233953	500.0	502.5	
* 120 1,4-Dichlorobenzene-d4	152	10.480	10.474	0.006	96	163906	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.523	10.511	0.012	94	2268418	500.0	494.7	
122 p-Diethylbenzene	119	10.566	10.554	0.012	75	3998006	500.0	488.7	a
123 1,2,3-Trimethylbenzene	105	10.669	10.657	0.012	99	3927462	500.0	487.1	a
127 Benzyl chloride	91	10.791	10.779	0.012	99	2514017	500.0	472.1	a
124 2,3-Dihydroindene	117	10.944	10.932	0.012	90	3933508	500.0	482.0	
125 1,2-Dichlorobenzene	146	11.108	11.102	0.006	95	2136313	500.0	509.3	
126 4-Isopropyltoluene	119	11.206	11.200	0.006	82	2118794	500.0	476.6	a
128 n-Butylbenzene	92	11.236	11.230	0.006	97	1928488	500.0	469.3	
129 1,2-Dibromo-3-Chloropropan	75	12.163	12.157	0.006	96	250977	500.0	523.3	
130 1,2,4,5-Tetramethylbenzene	119	12.206	12.200	0.006	96	3430361	500.0	505.8	
131 1,3,5-Trichlorobenzene	180	12.401	12.401	0.000	96	1206050	500.0	538.0	
132 1,2,4-Trichlorobenzene	180	13.010	13.010	0.000	92	1122356	500.0	567.3	
133 Hexachlorobutadiene	225	13.205	13.206	-0.001	58	403319	500.0	552.1	
134 Naphthalene	128	13.212	13.212	0.000	99	3442081	500.0	520.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.431	13.431	0.000	94	989229	500.0	555.6	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	980.3	
S 137 Xylenes, Total	100				0		1000.0	966.9	
S 138 Total BTEX	1				0		2500.0	2420.6	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	1022.7	
S 140 Total 1,2-dichloroethene	1				0			980.3	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MIX 2 Hi_00088	Amount Added:	50.00	Units: uL	
MIX I Hi_00117	Amount Added:	50.00	Units: uL	
Ethanol mix_00033	Amount Added:	50.00	Units: uL	
ACROLEIN W_00096	Amount Added:	40.00	Units: uL	
8FreonHi_00009	Amount Added:	50.00	Units: uL	
GAS Hi_00326	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00028	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 04-Oct-2019 20:39:14 Chrom Revision: 2.3 17-Sep-2019 16:19:08

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15

Lims ID: STD500

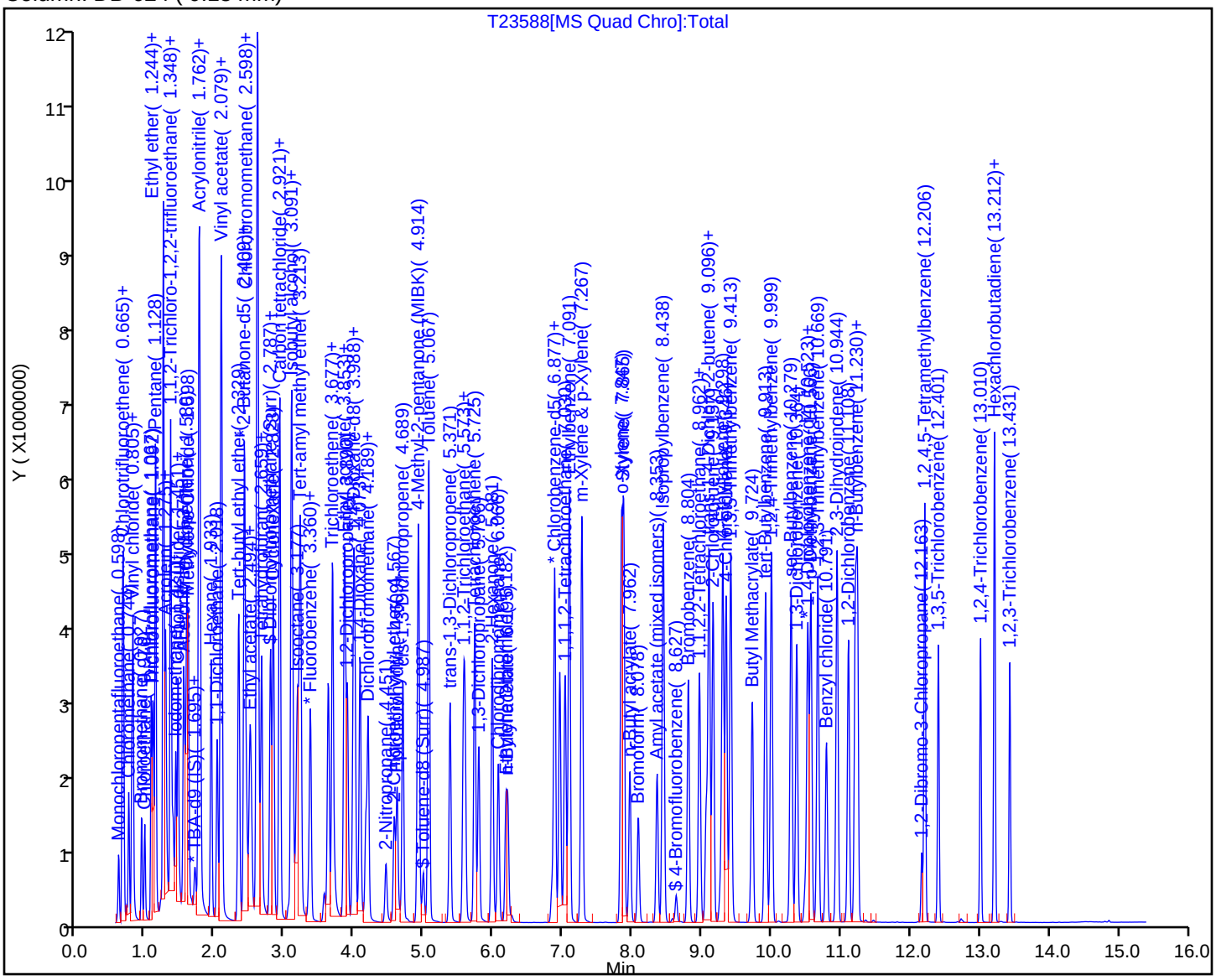
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

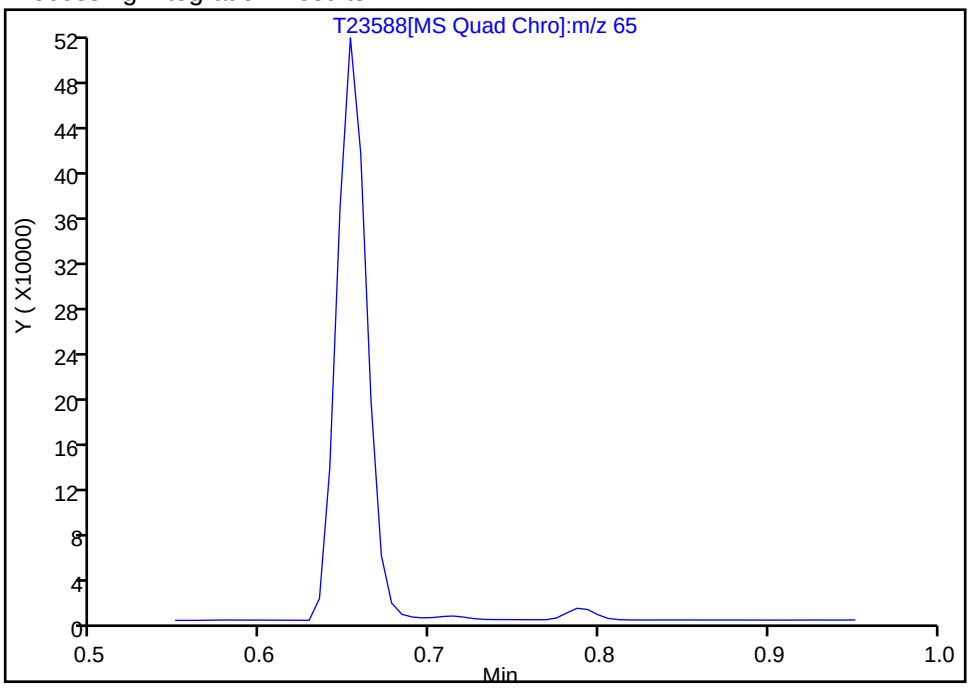
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

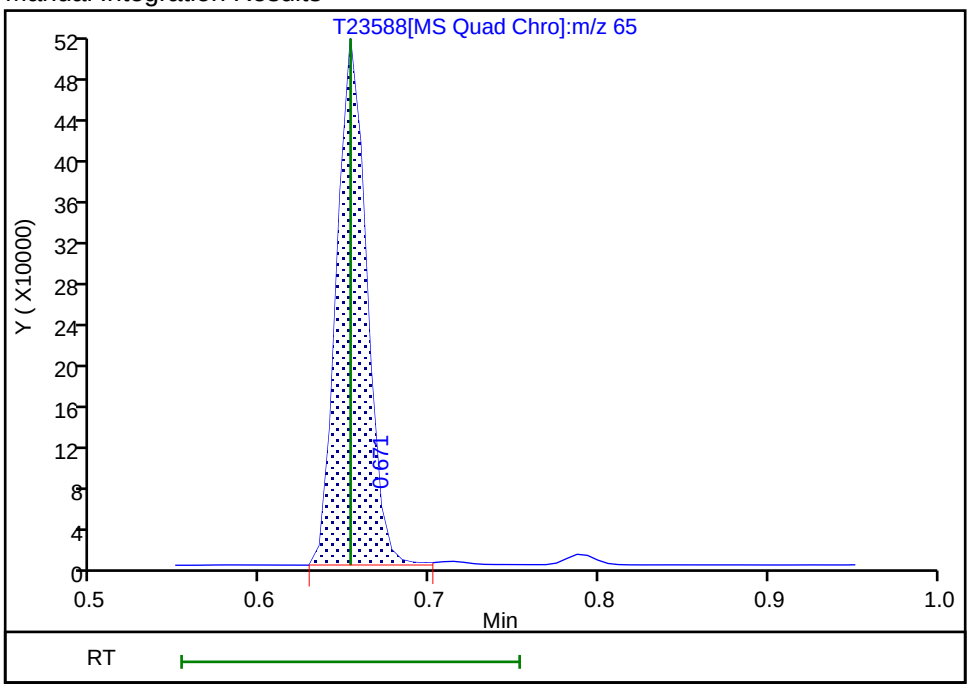
Not Detected
Expected RT: 0.65

Processing Integration Results



Manual Integration Results

RT: 0.67
Area: 2211425
Amount: 499.2541
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:26:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

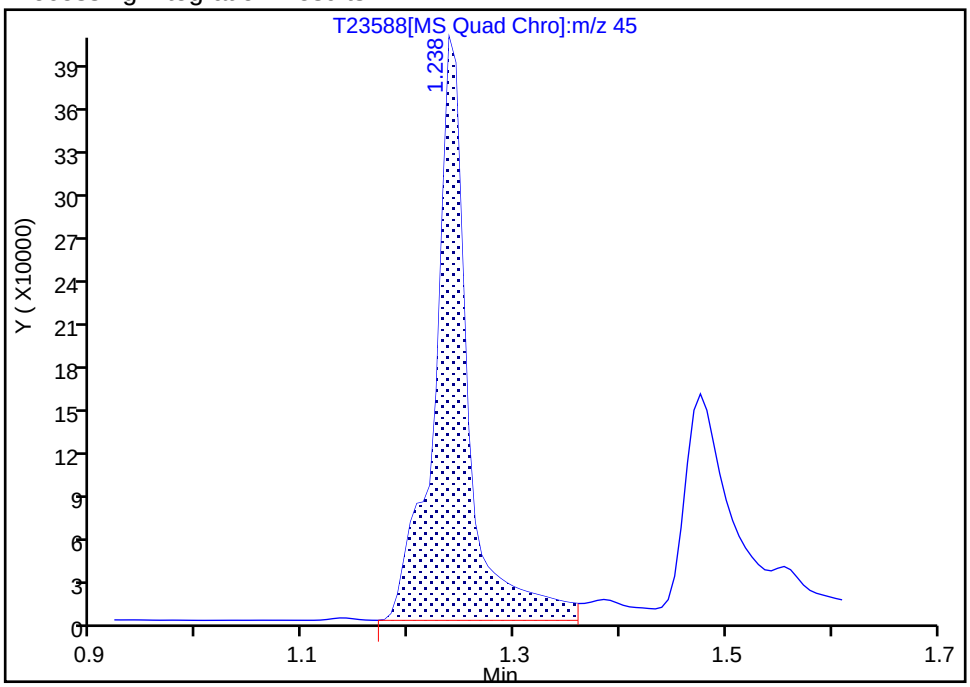
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

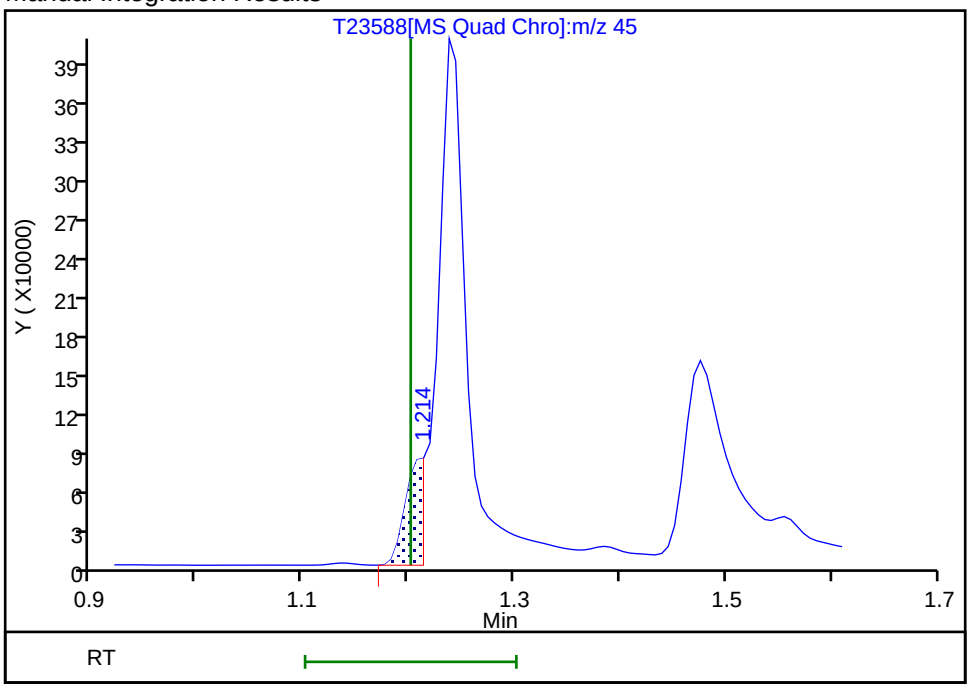
Processing Integration Results

RT: 1.24
Area: 894065
Amount: 20019
Amount Units: ug/l



Manual Integration Results

RT: 1.21
Area: 108726
Amount: 19942
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:35:27
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

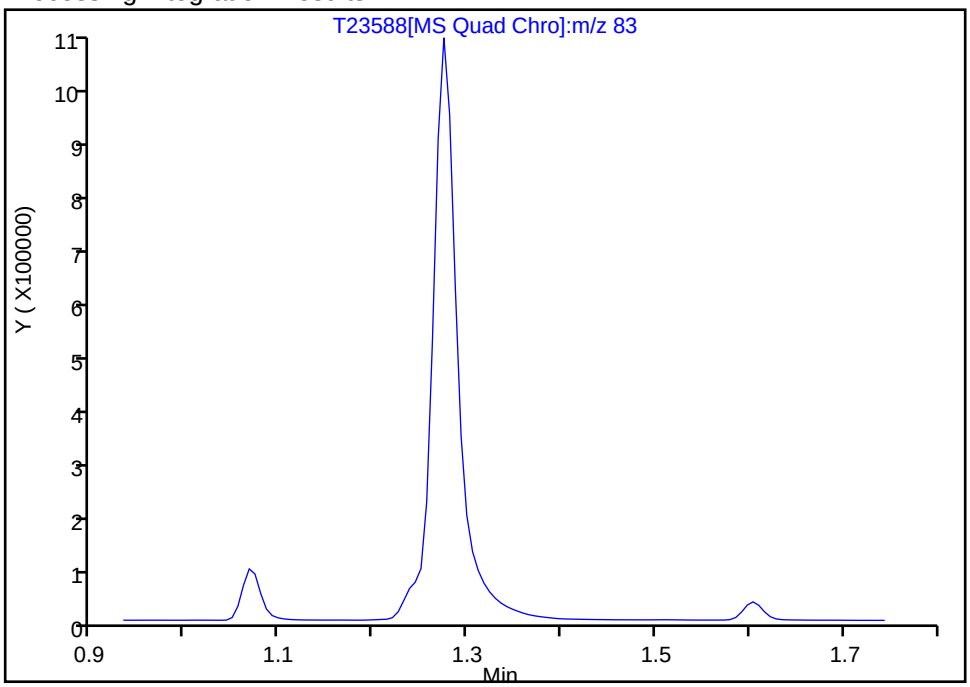
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

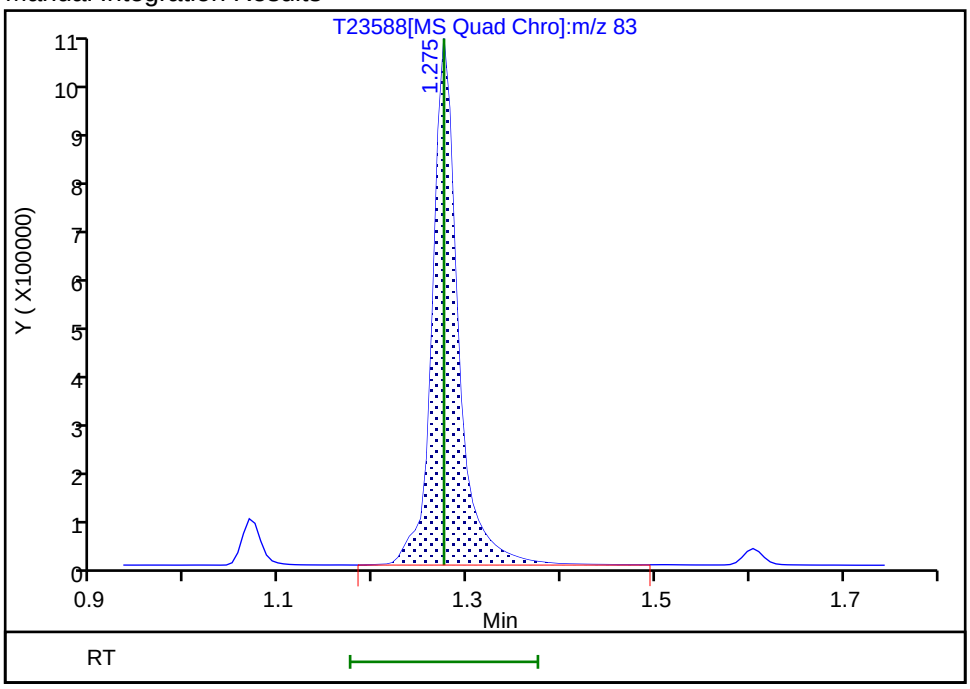
Not Detected
Expected RT: 1.27

Processing Integration Results



Manual Integration Results

RT: 1.27
Area: 1964489
Amount: 511.6516
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:26:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

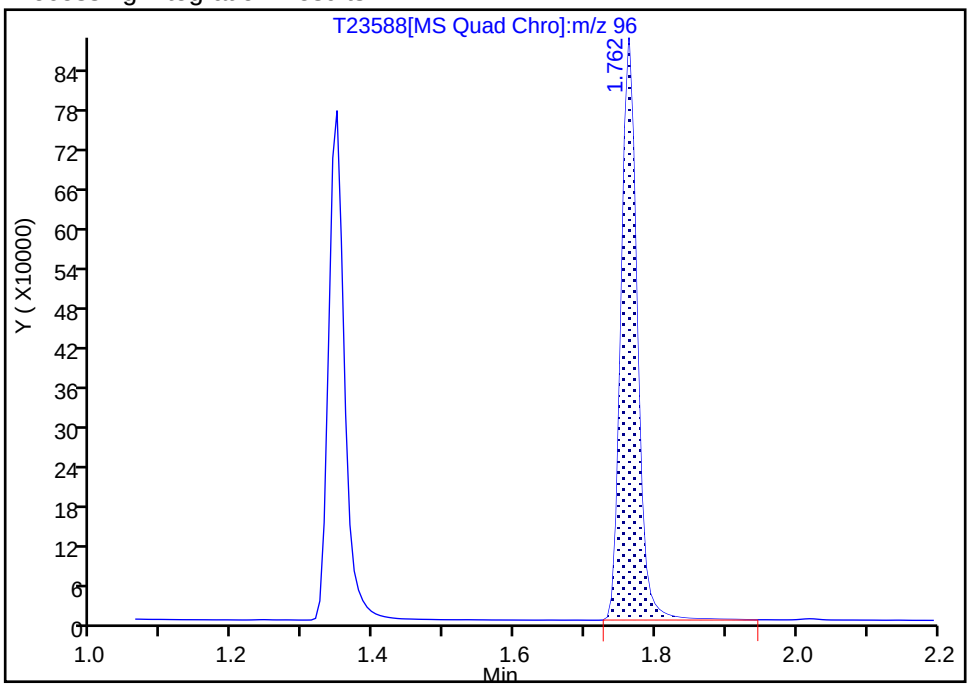
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

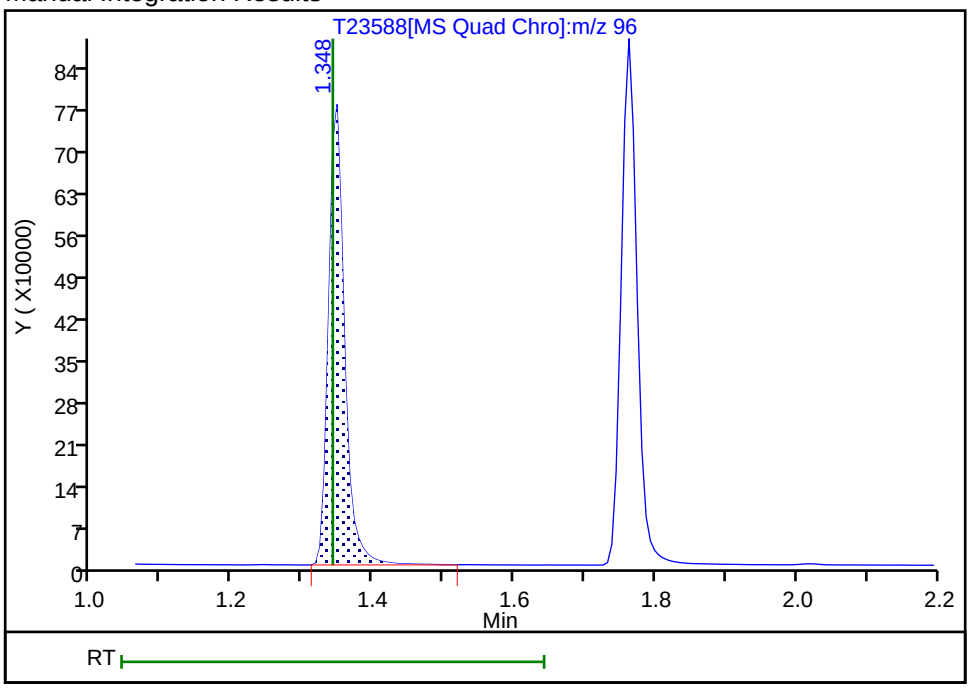
Processing Integration Results

RT: 1.76
Area: 1402477
Amount: 514.4080
Amount Units: ug/l



Manual Integration Results

RT: 1.35
Area: 1221028
Amount: 490.1633
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:26:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

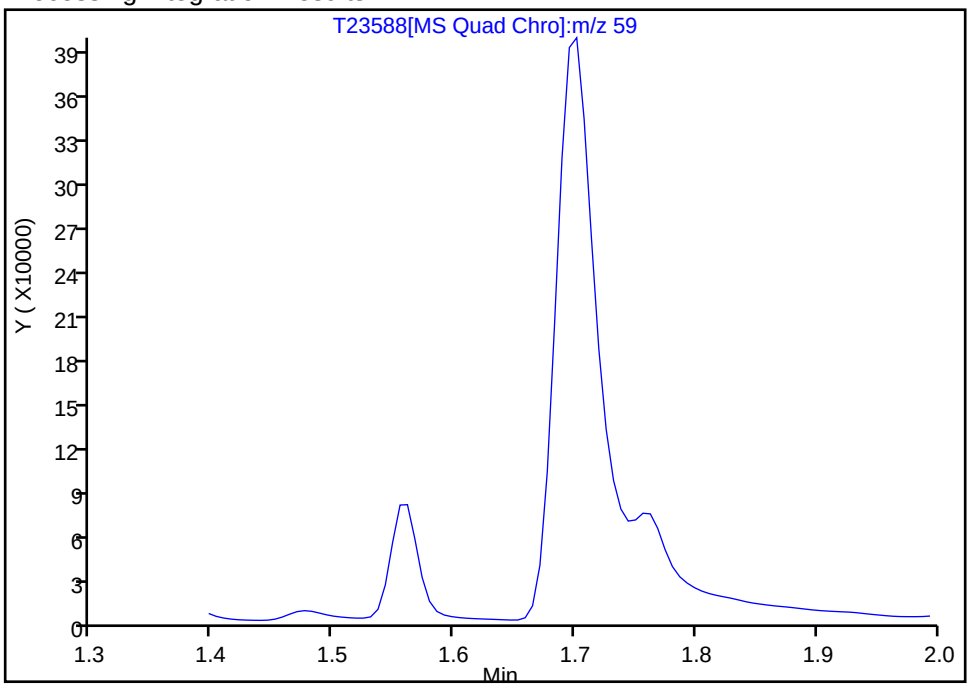
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

40 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

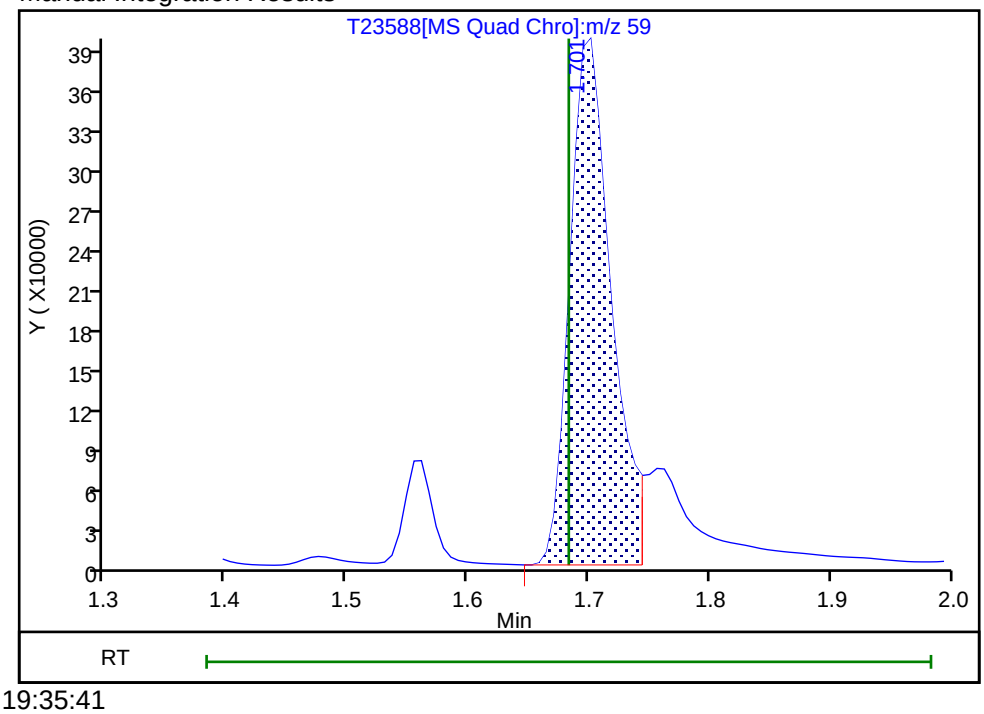
Not Detected
Expected RT: 1.68

Processing Integration Results



Manual Integration Results

RT: 1.70
Area: 949109
Amount: 5005.9725
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:35:41
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

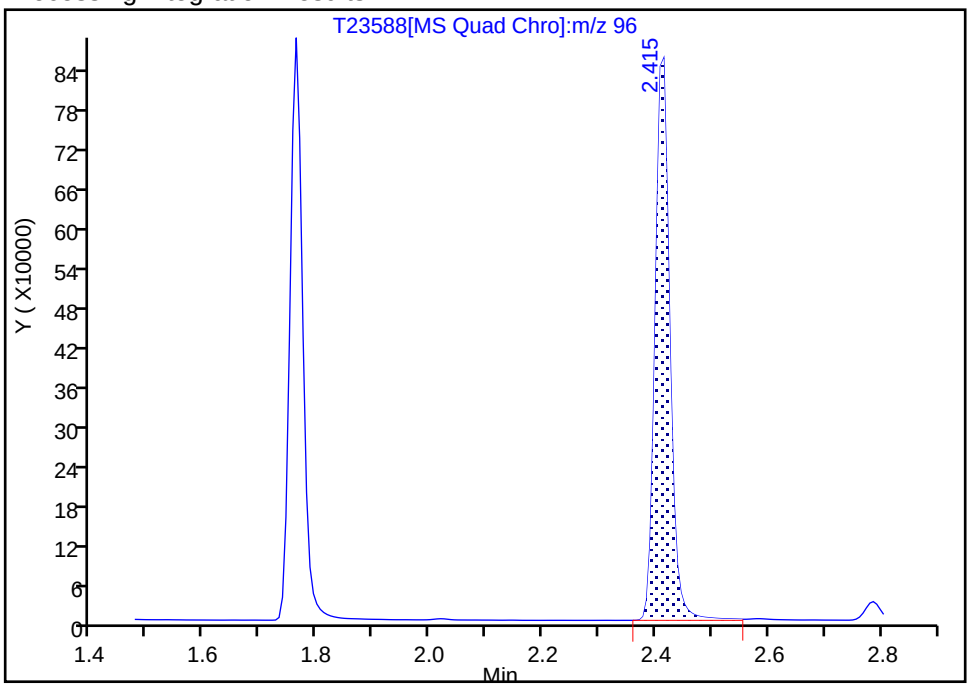
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

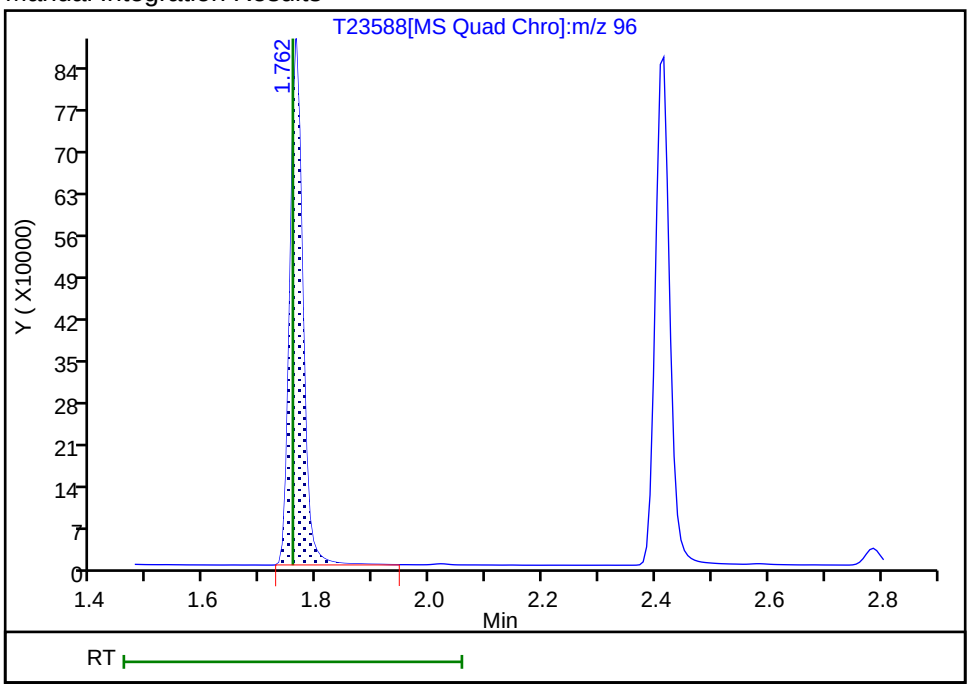
Processing Integration Results

RT: 2.41
Area: 1547084
Amount: 500.7691
Amount Units: ug/l



Manual Integration Results

RT: 1.76
Area: 1402477
Amount: 491.9092
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:27:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

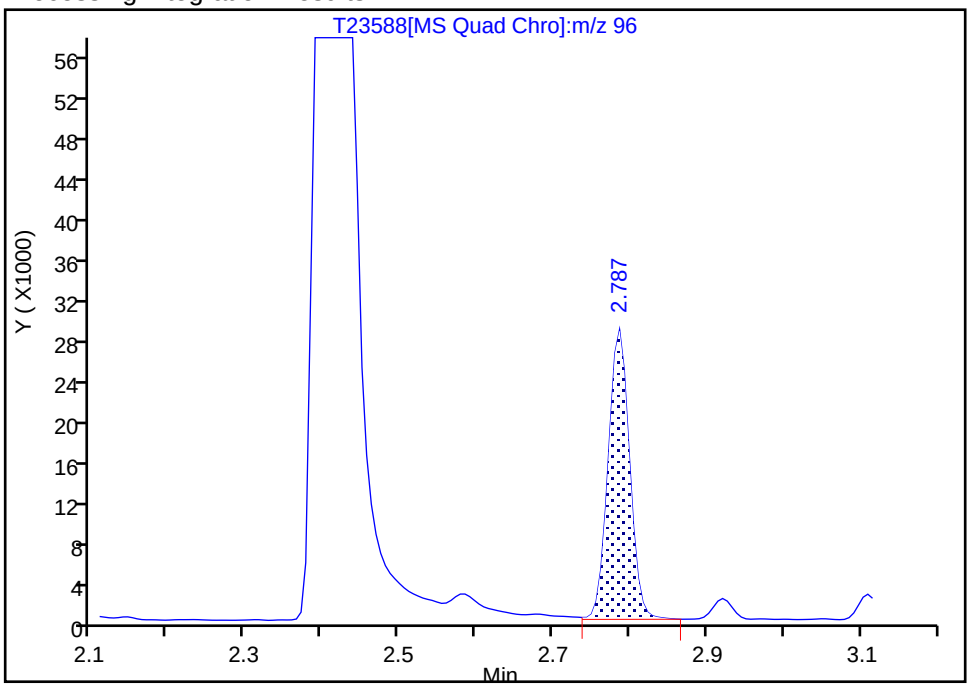
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

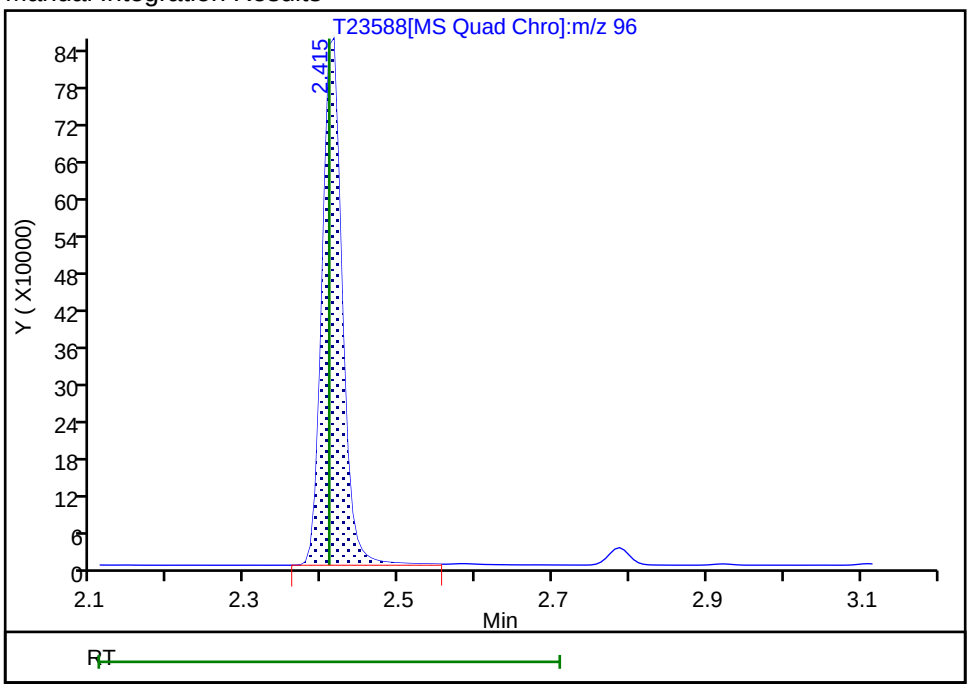
Processing Integration Results

RT: 2.79
Area: 54830
Amount: 25.166403
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 1547084
Amount: 488.4113
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:27:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

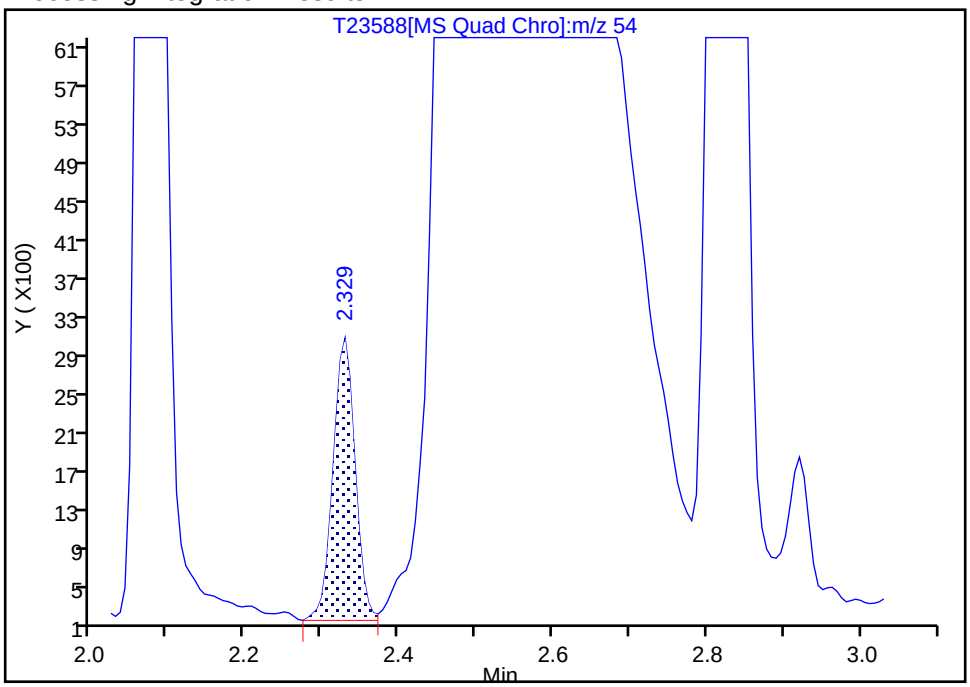
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

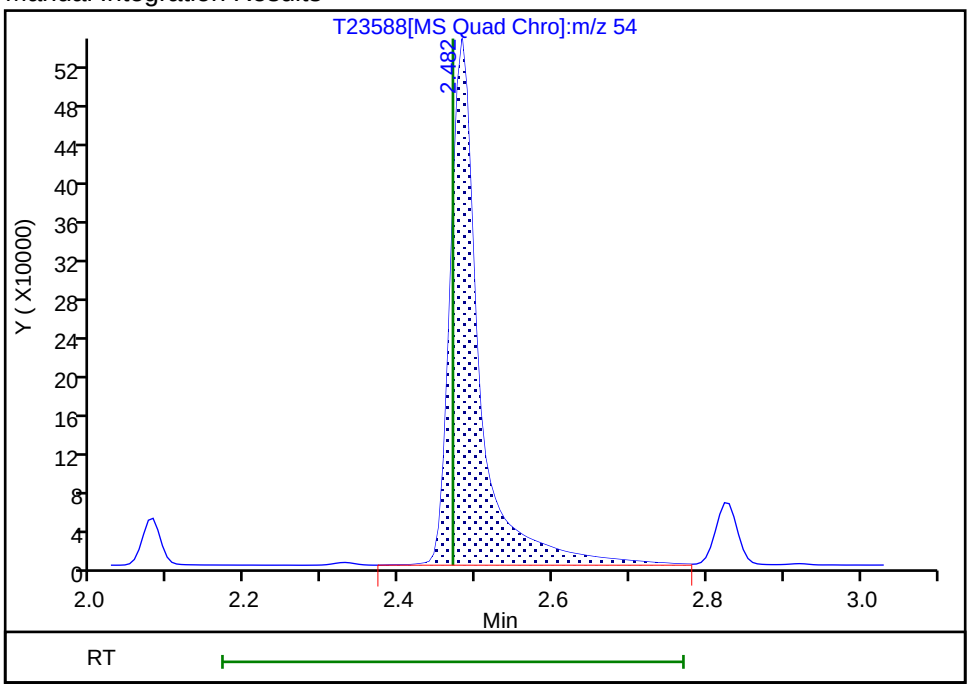
Processing Integration Results

RT: 2.33
Area: 5700
Amount: 25.059323
Amount Units: ug/l



Manual Integration Results

RT: 2.48
Area: 1426949
Amount: 5205.4101
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:27:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

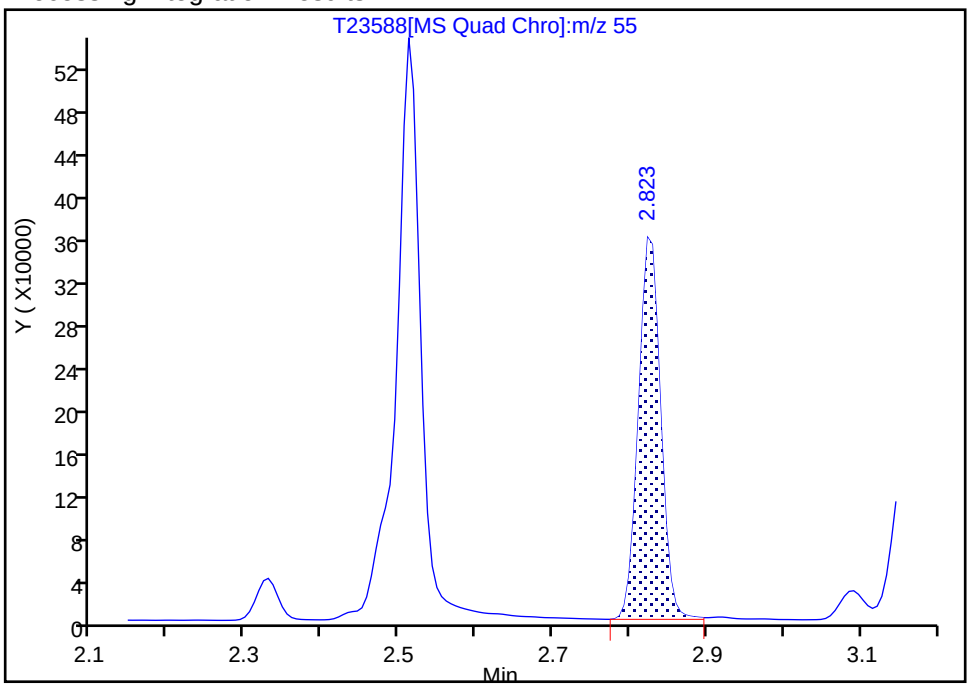
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

55 Methyl acrylate, CAS: 96-33-3

Signal: 1

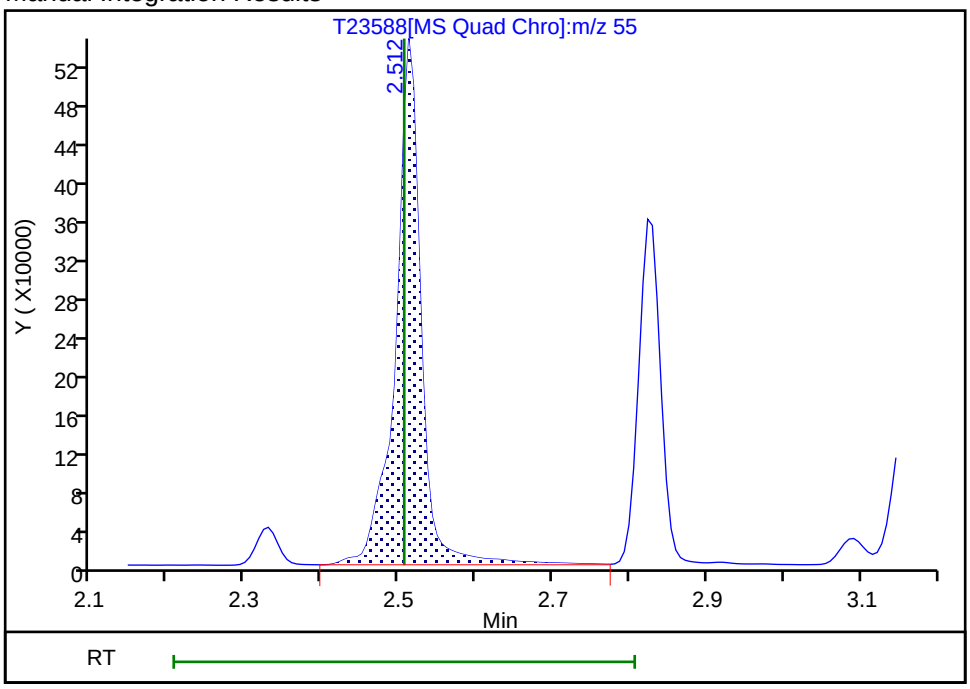
Processing Integration Results

RT: 2.82
Area: 713377
Amount: 482.6282
Amount Units: ug/l



Manual Integration Results

RT: 2.51
Area: 1249271
Amount: 500.0229
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:35:51
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

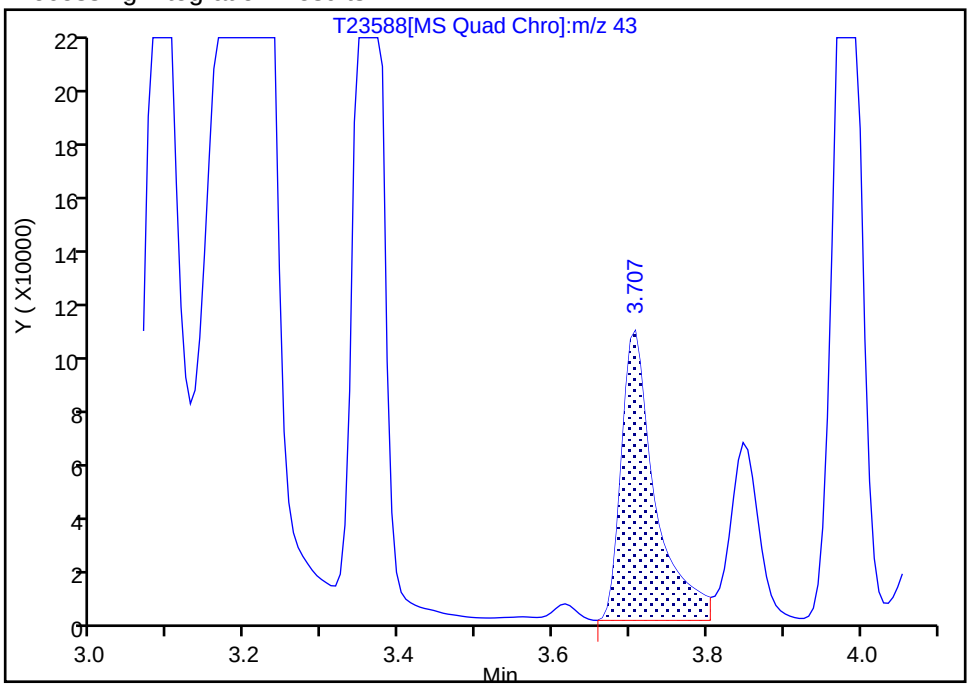
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D		
Injection Date:	04-Oct-2019 01:53:51	Instrument ID:	CVOAMS15
Lims ID:	STD500		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

66 n-Heptane, CAS: 142-82-5

Signal: 1

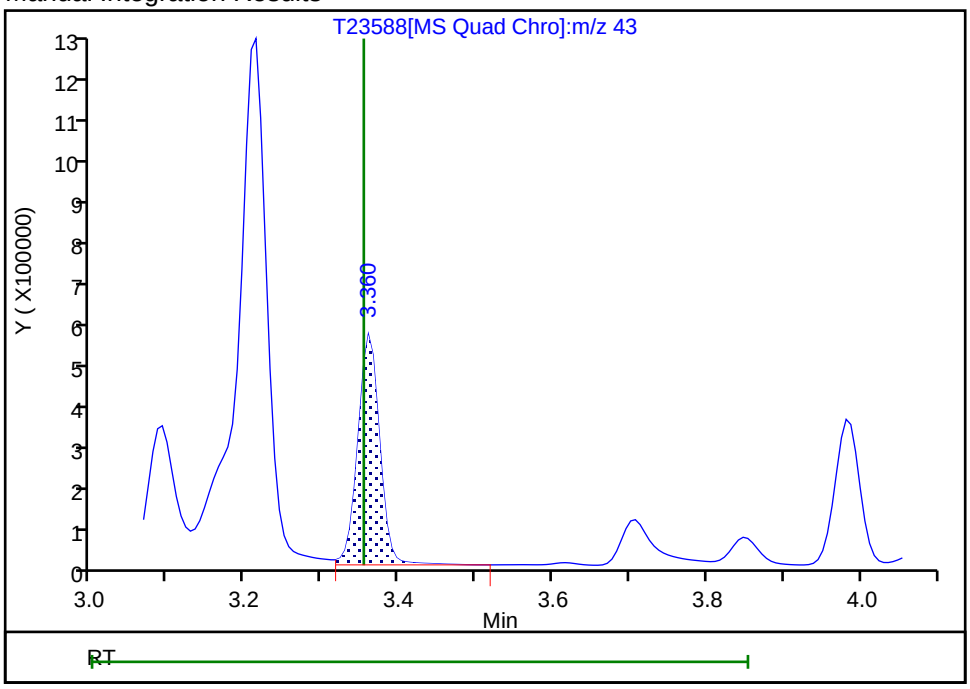
Processing Integration Results

RT: 3.71
Area: 325763
Amount: 164.9095
Amount Units: ug/l



Manual Integration Results

RT: 3.36
Area: 1067211
Amount: 486.0916
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:57:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

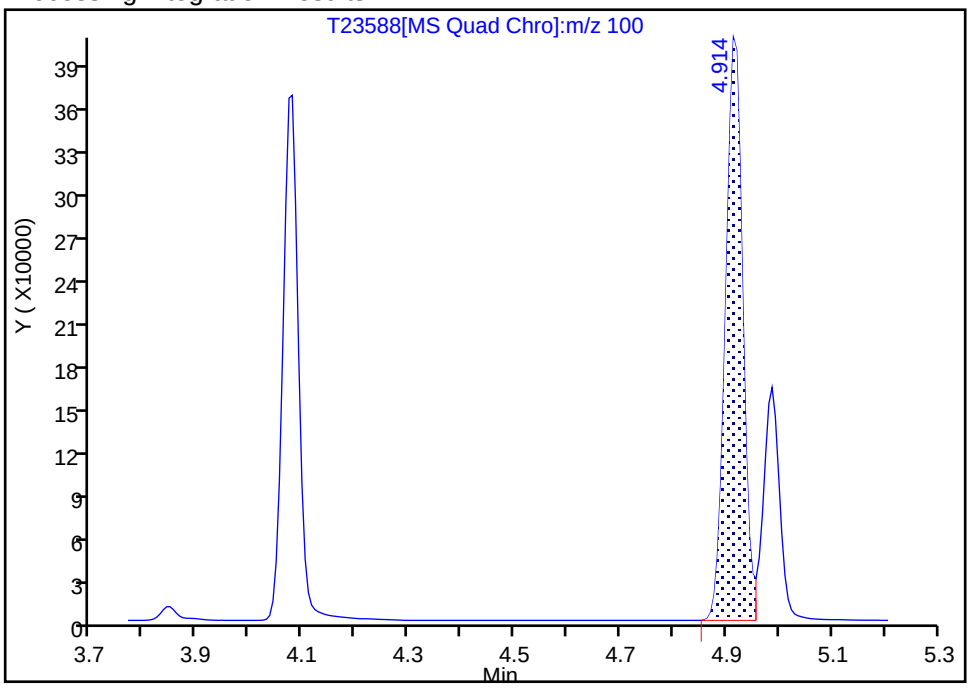
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 Methyl methacrylate, CAS: 80-62-6

Signal: 1

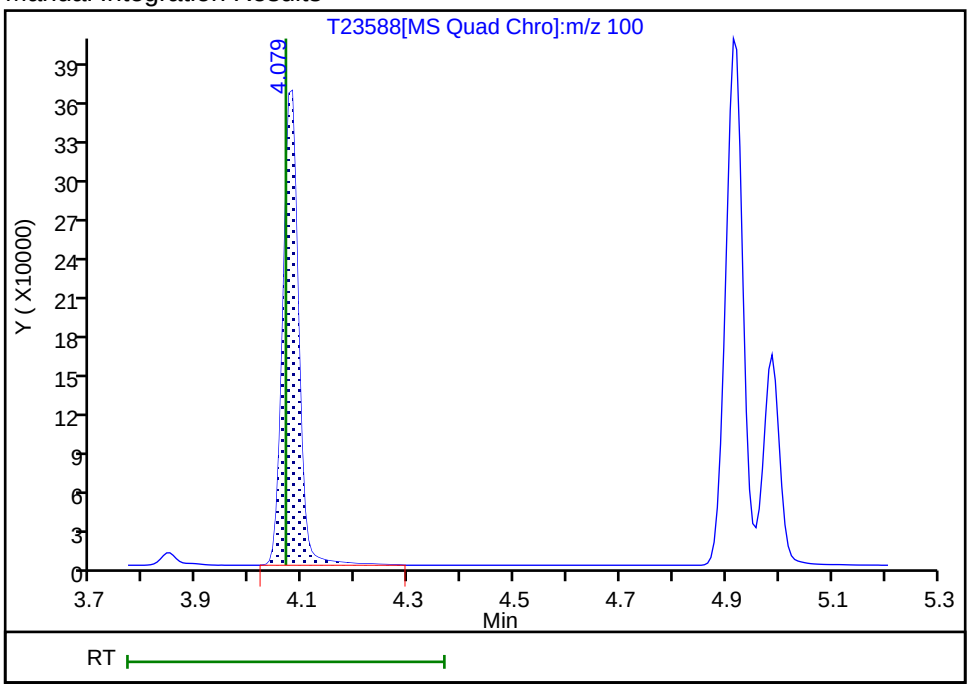
Processing Integration Results

RT: 4.91
Area: 930083
Amount: 13.076690
Amount Units: ug/l



Manual Integration Results

RT: 4.08
Area: 760973
Amount: 957.4786
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:57:50
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

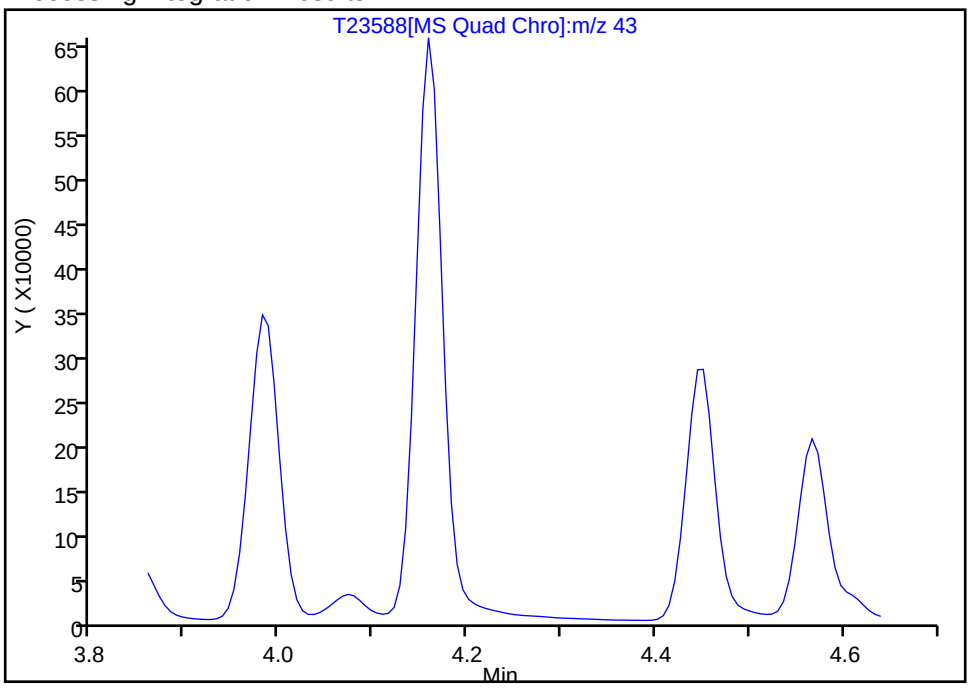
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

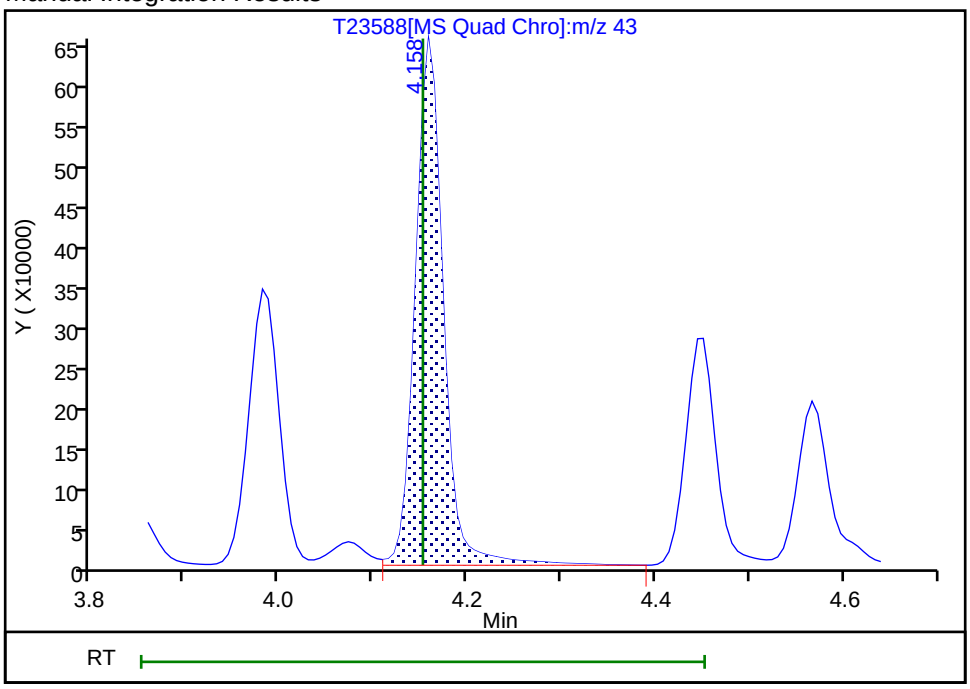
Not Detected
Expected RT: 4.15

Processing Integration Results



Manual Integration Results

RT: 4.16
Area: 1354628
Amount: 491.2529
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:28:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

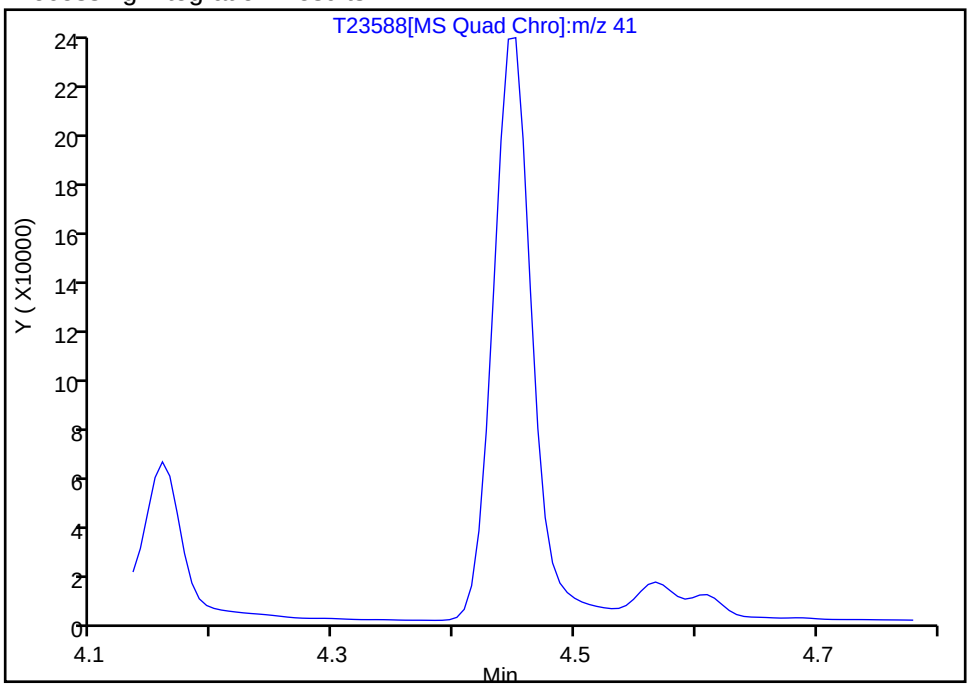
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

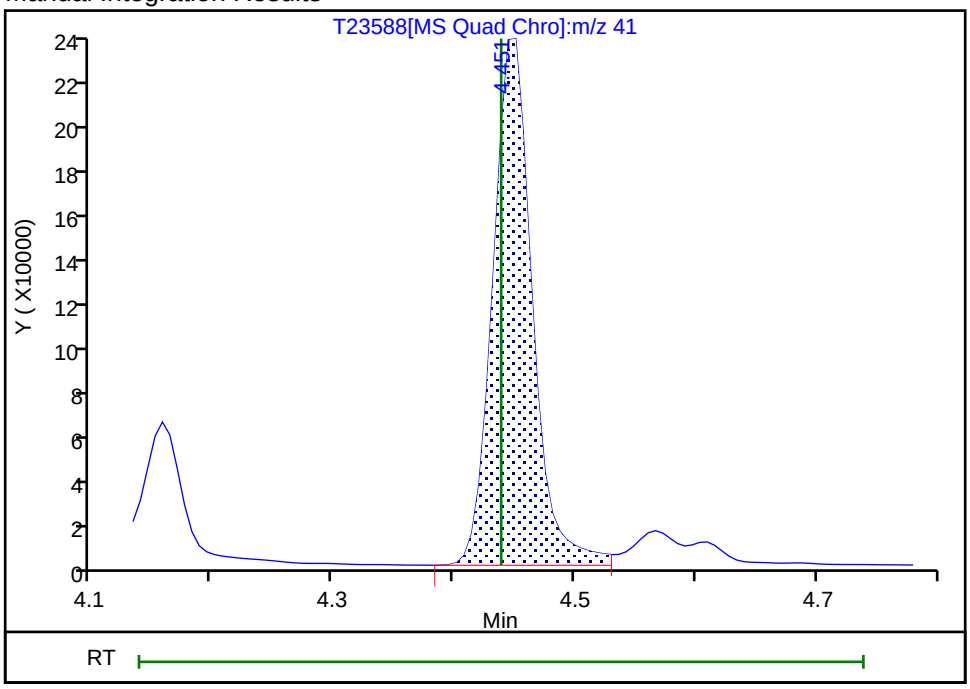
Not Detected
Expected RT: 4.44

Processing Integration Results



Manual Integration Results

RT: 4.45
Area: 524071
Amount: 860.8937
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:57:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

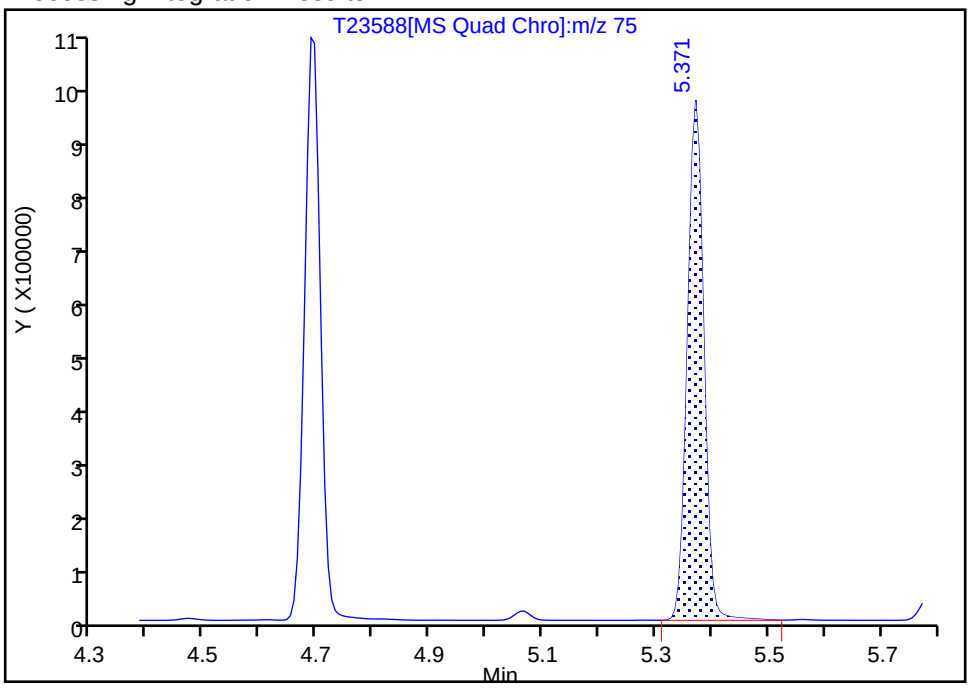
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

85 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

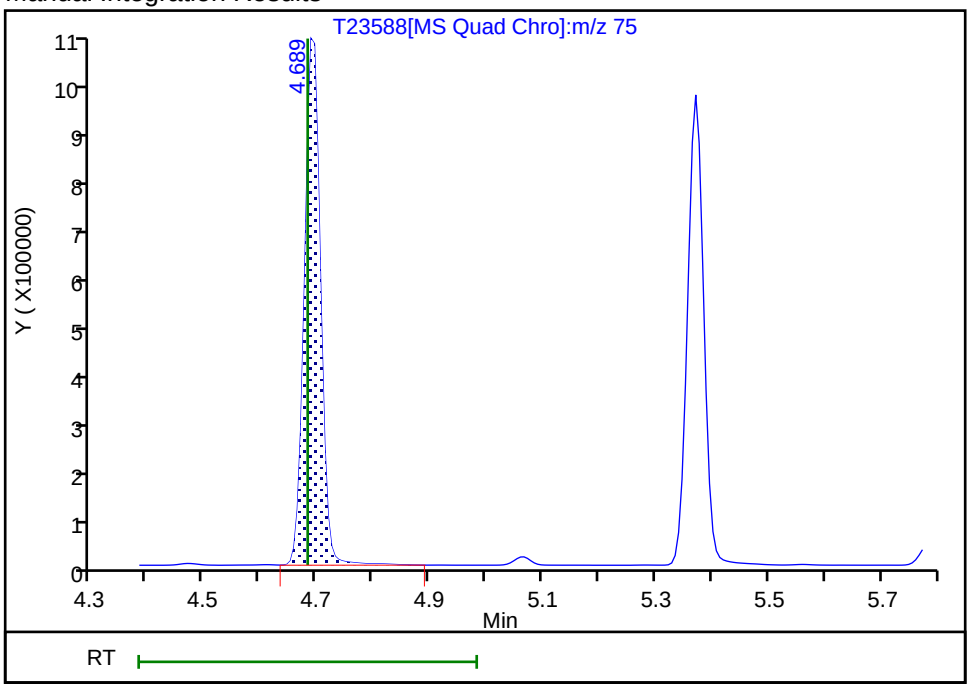
Processing Integration Results

RT: 5.37
Area: 1949085
Amount: 482.5917
Amount Units: ug/l



Manual Integration Results

RT: 4.69
Area: 2152579
Amount: 519.9233
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:35:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

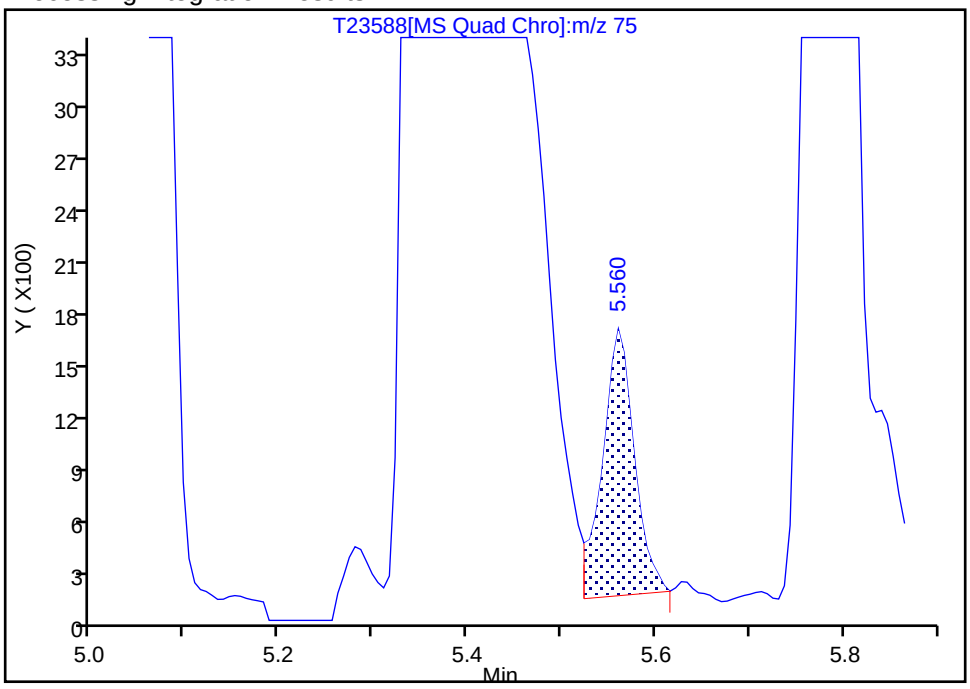
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

81 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

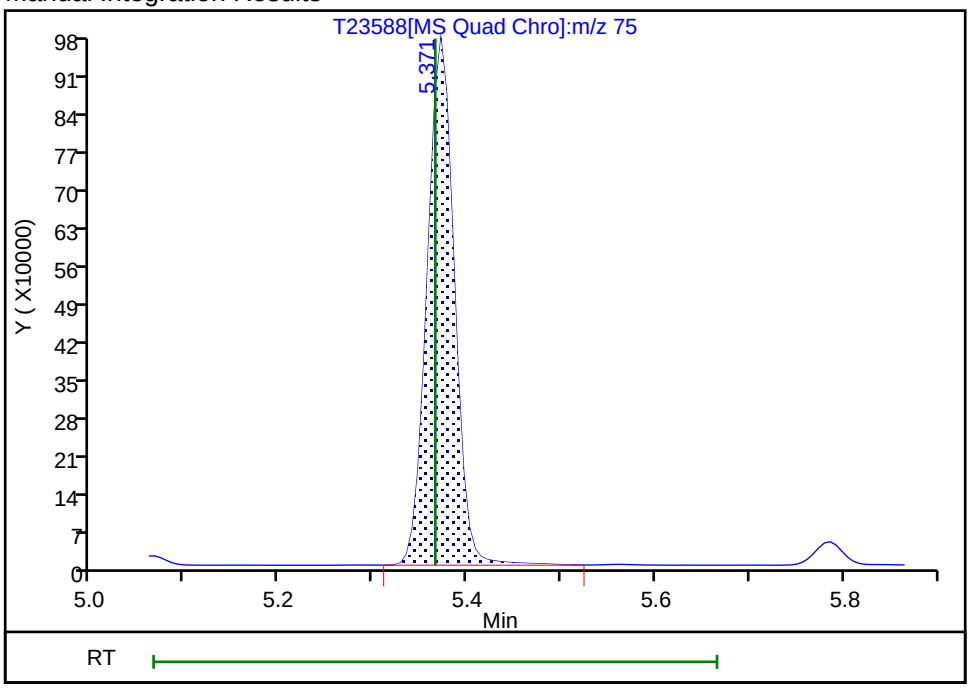
Processing Integration Results

RT: 5.56
Area: 3662
Amount: 1.132484
Amount Units: ug/l



Manual Integration Results

RT: 5.37
Area: 1949085
Amount: 502.7467
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 20:35:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

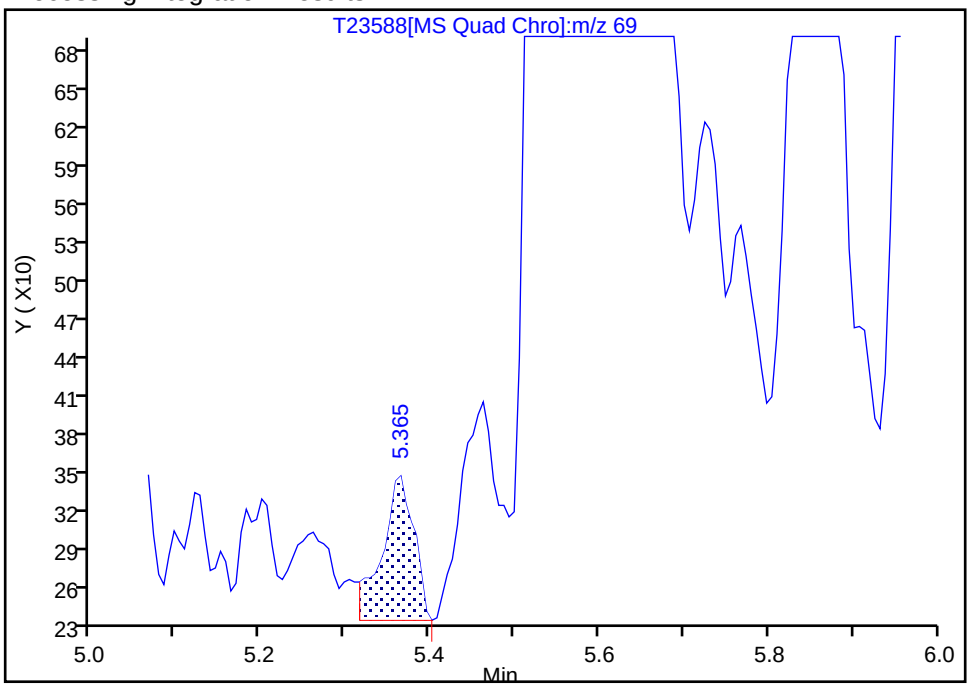
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

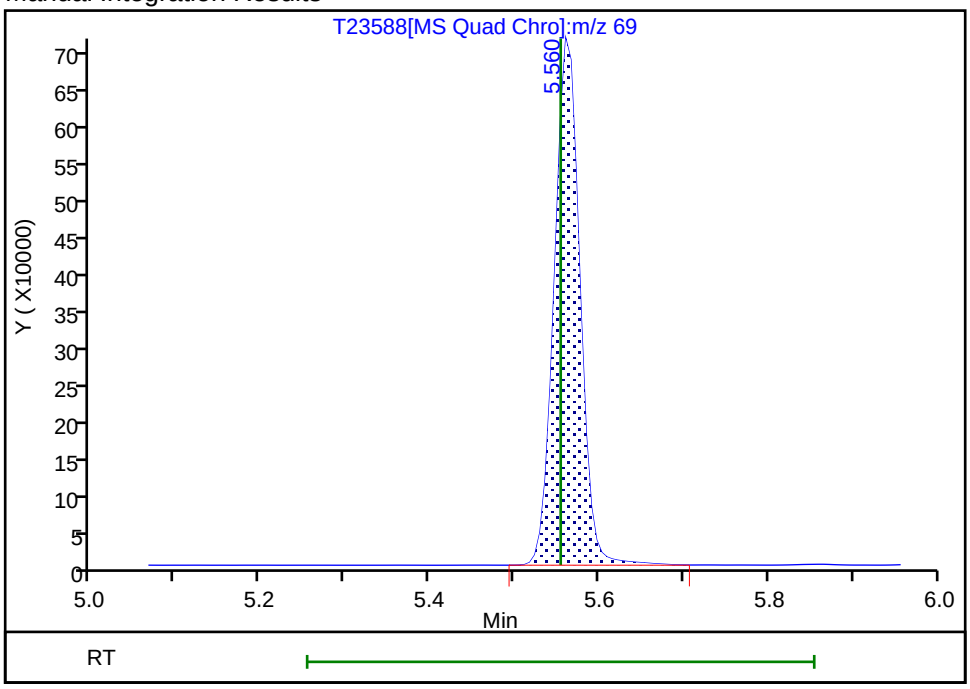
Processing Integration Results

RT: 5.37
Area: 297
Amount: 0.262833
Amount Units: ug/l



Manual Integration Results

RT: 5.56
Area: 1496547
Amount: 490.4261
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:28:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

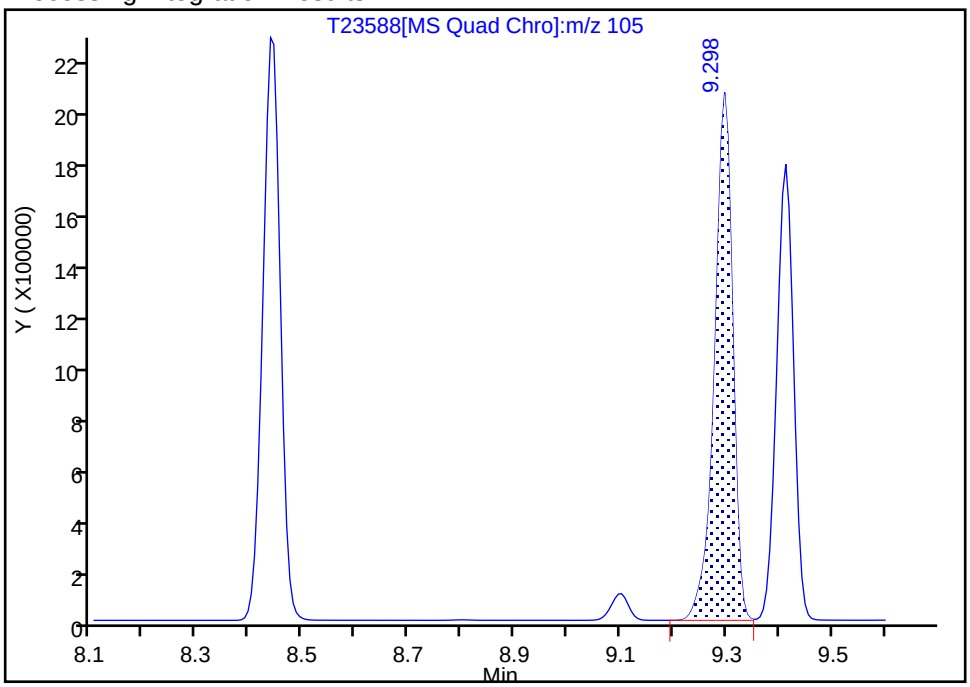
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

104 Isopropylbenzene, CAS: 98-82-8

Signal: 1

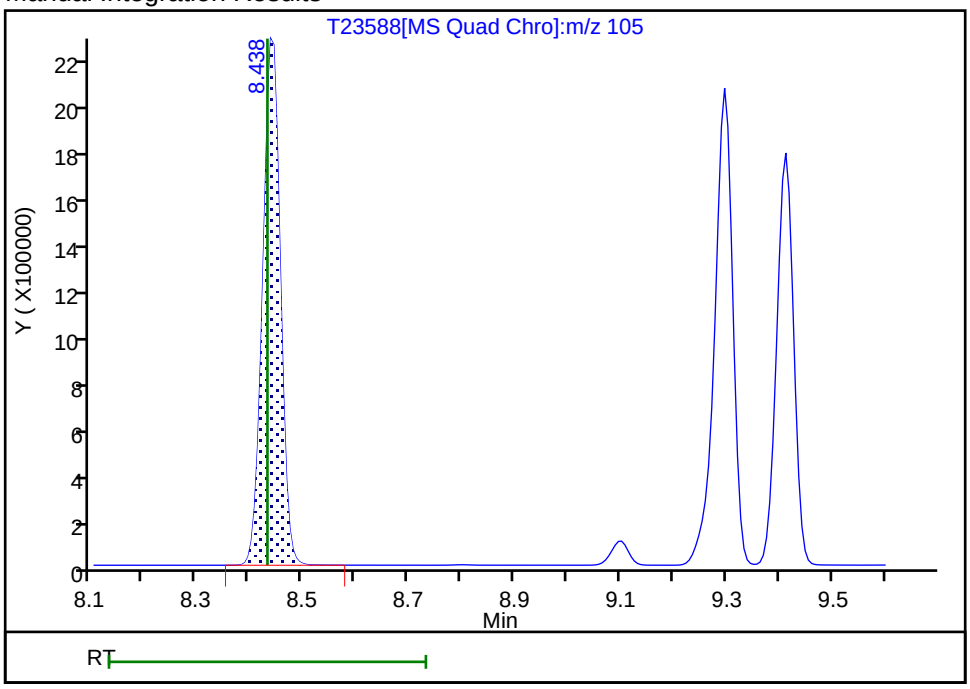
Processing Integration Results

RT: 9.30
Area: 4908423
Amount: 476.3408
Amount Units: ug/l



Manual Integration Results

RT: 8.44
Area: 5273760
Amount: 476.2309
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:29:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

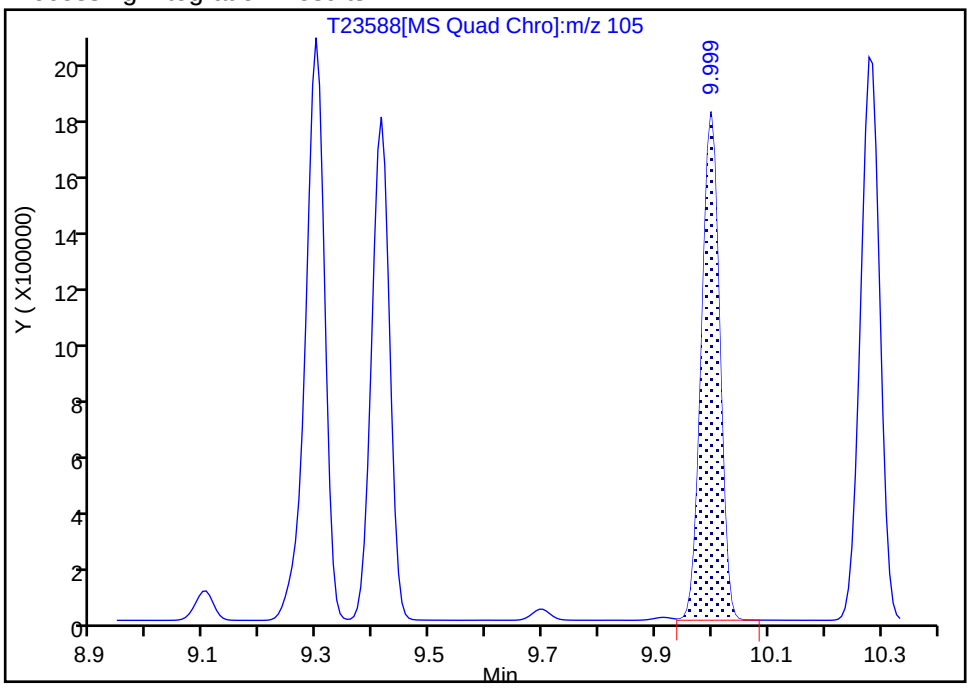
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

112 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

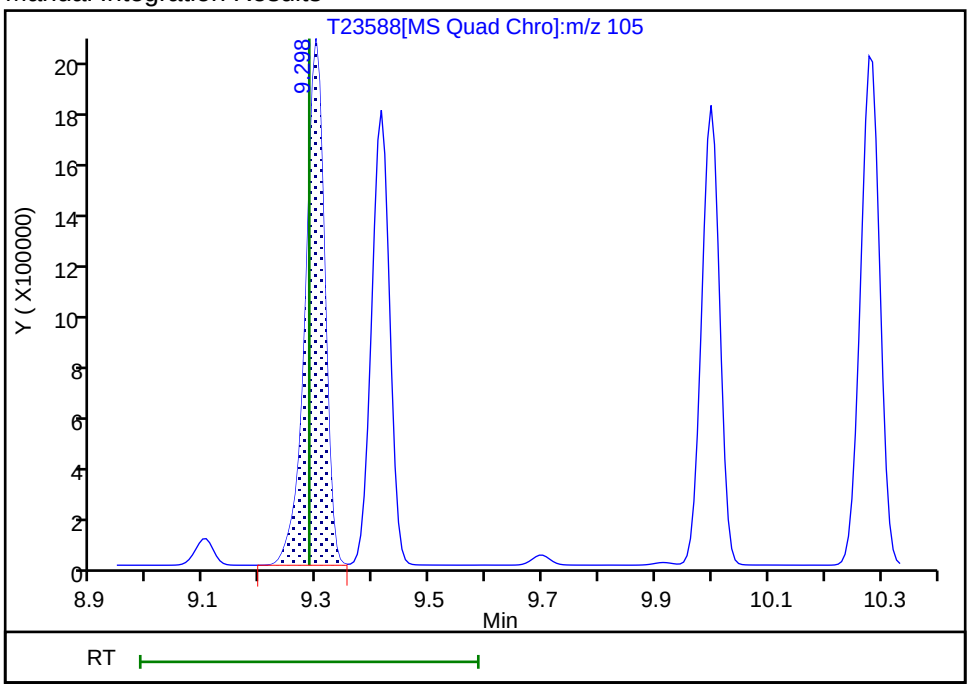
Processing Integration Results

RT: 10.00
Area: 4021075
Amount: 468.3006
Amount Units: ug/l



Manual Integration Results

RT: 9.30
Area: 4908423
Amount: 482.1455
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:29:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

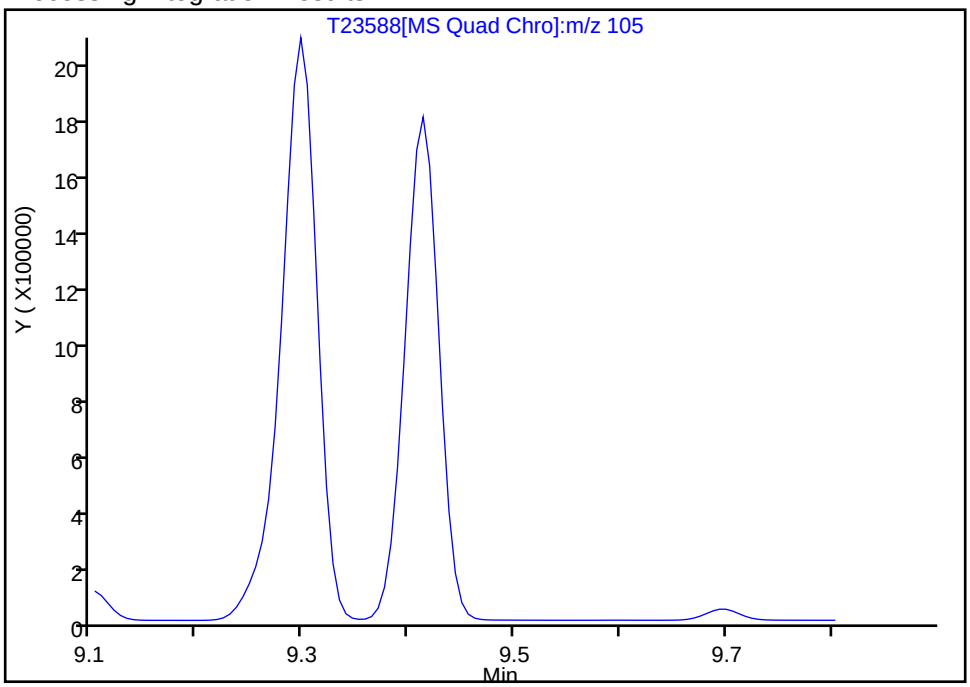
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

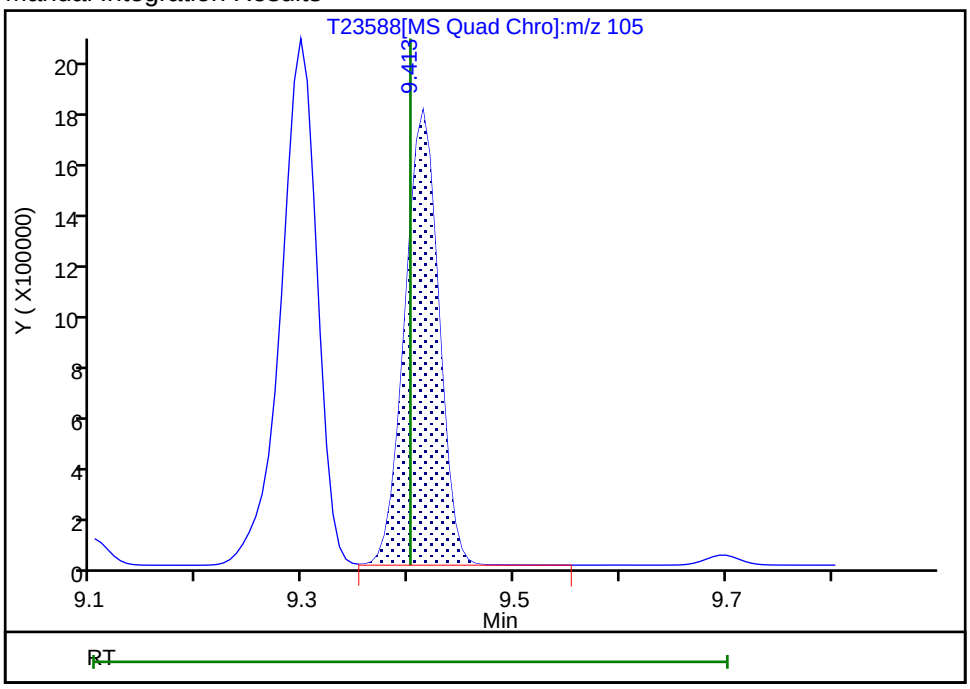
Not Detected
Expected RT: 9.40

Processing Integration Results



Manual Integration Results

RT: 9.41
Area: 3987160
Amount: 479.4899
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:29:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

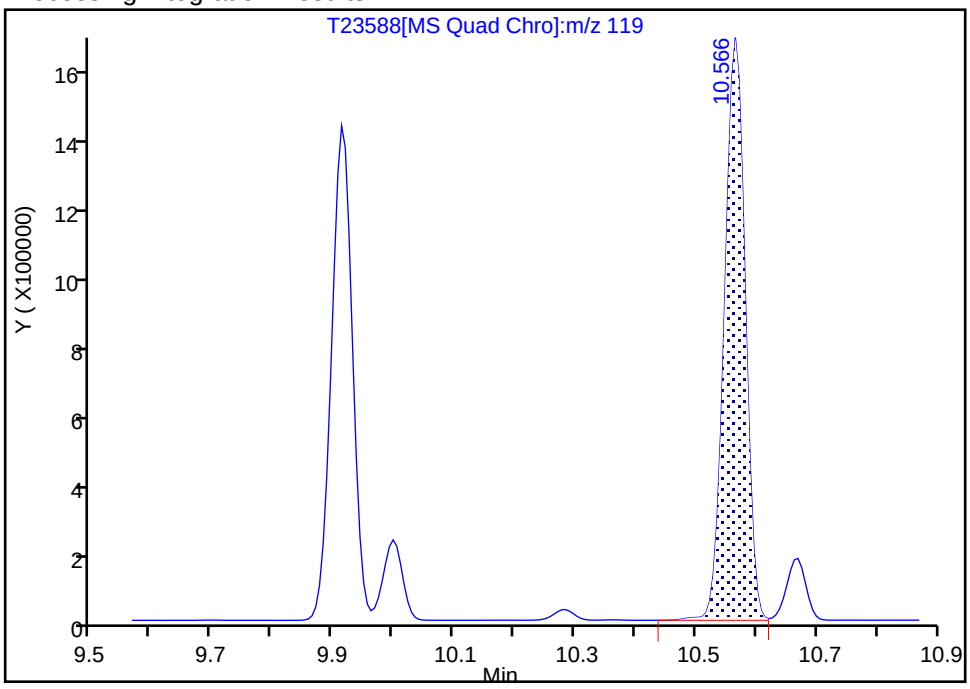
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

116 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

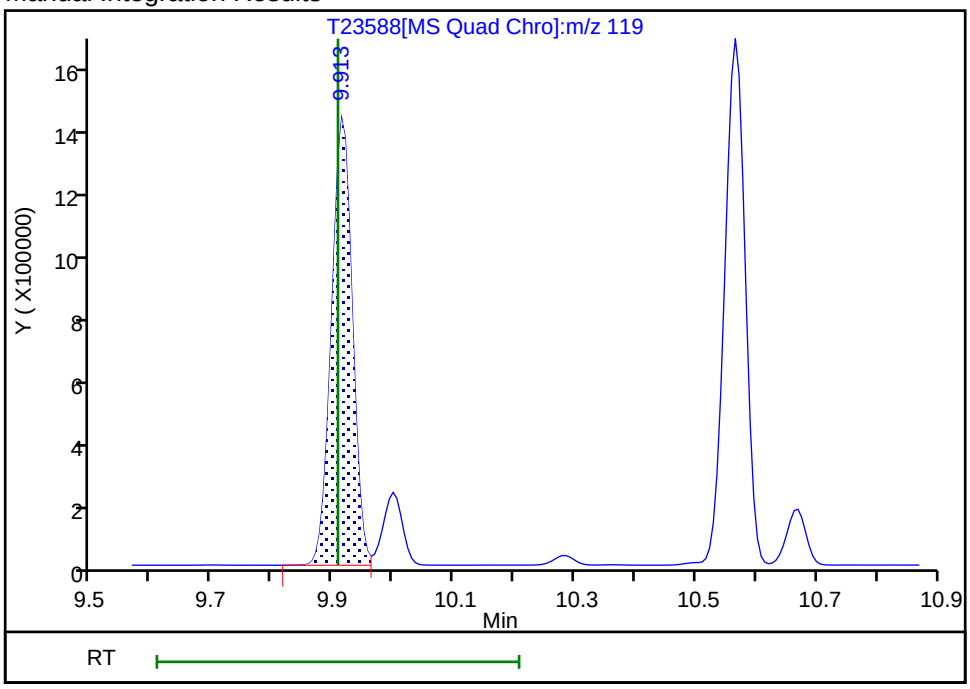
Processing Integration Results

RT: 10.57
Area: 3998006
Amount: 542.0274
Amount Units: ug/l



Manual Integration Results

RT: 9.91
Area: 3442037
Amount: 476.4507
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:58:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

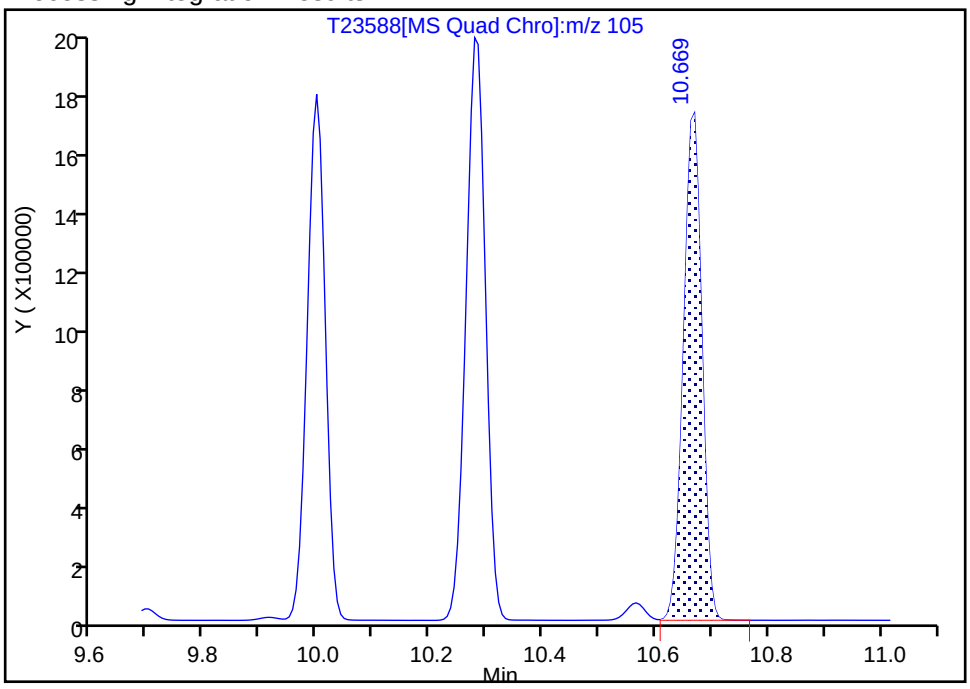
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

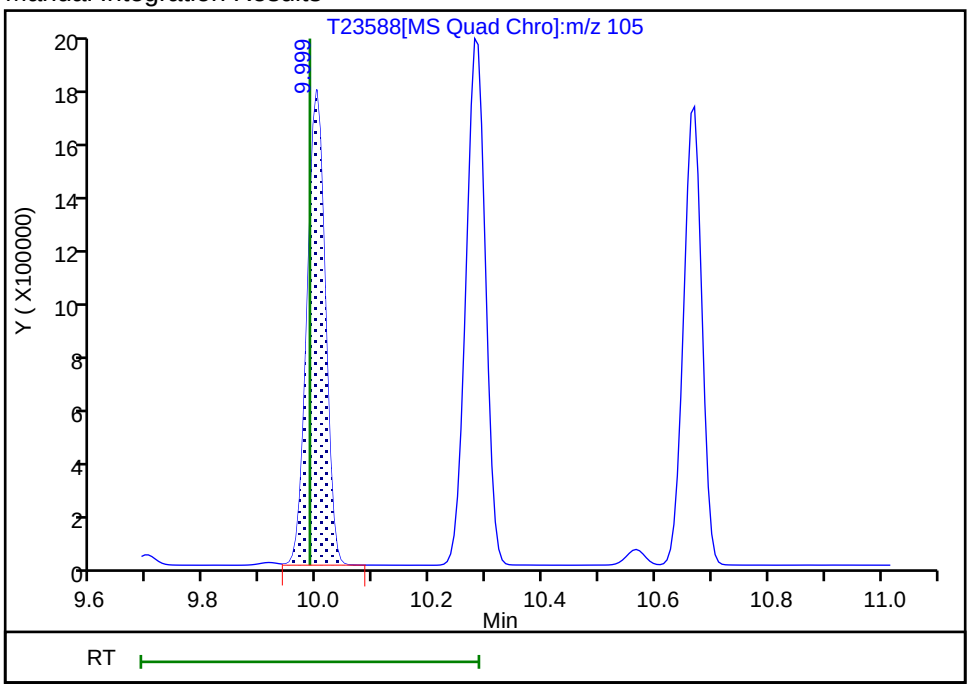
Processing Integration Results

RT: 10.67
Area: 3927462
Amount: 484.9751
Amount Units: ug/l



Manual Integration Results

RT: 10.00
Area: 4021075
Amount: 468.9115
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:29:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

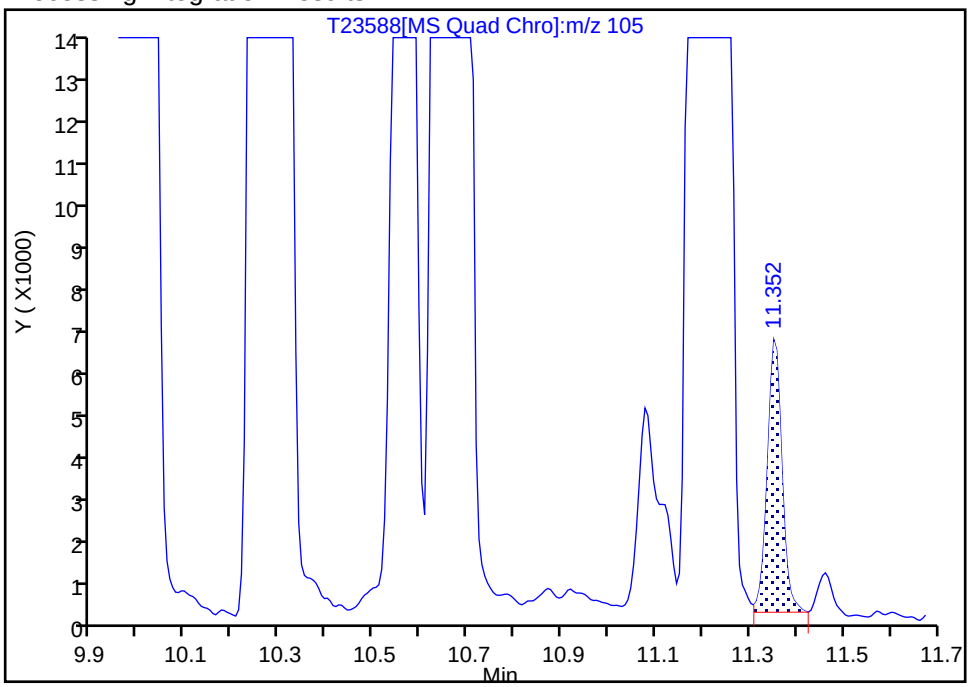
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

118 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

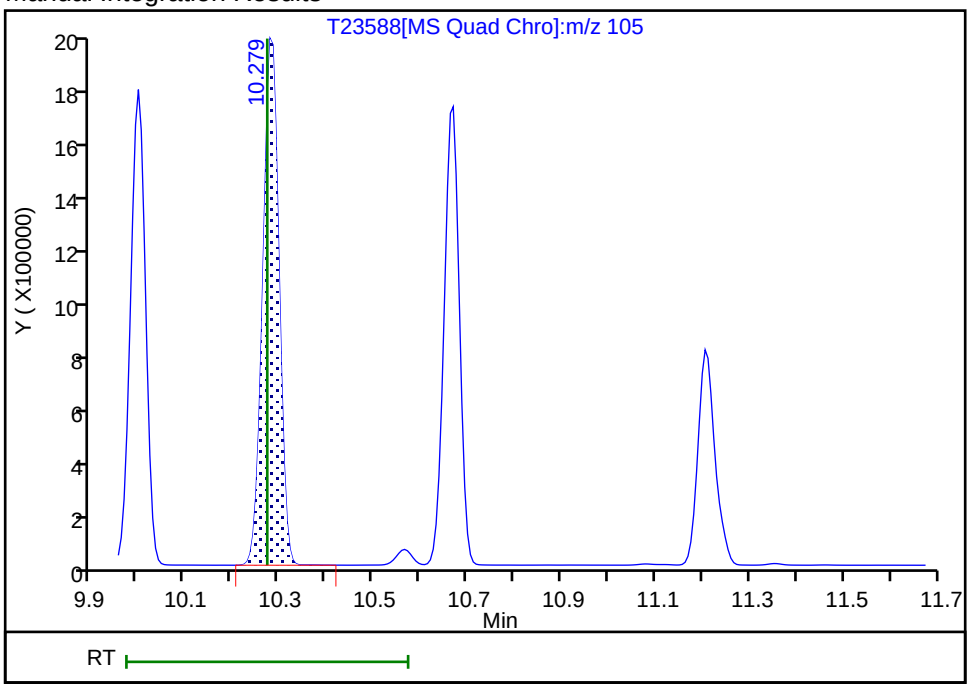
Processing Integration Results

RT: 11.35
Area: 13525
Amount: 3.031431
Amount Units: ug/l



Manual Integration Results

RT: 10.28
Area: 4796694
Amount: 484.6874
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:30:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

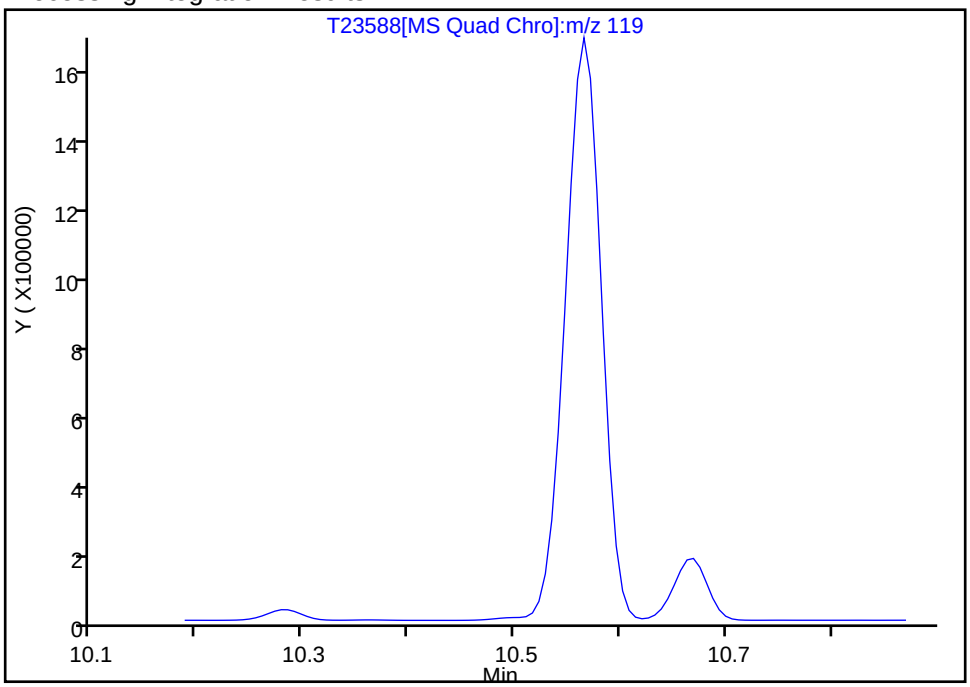
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

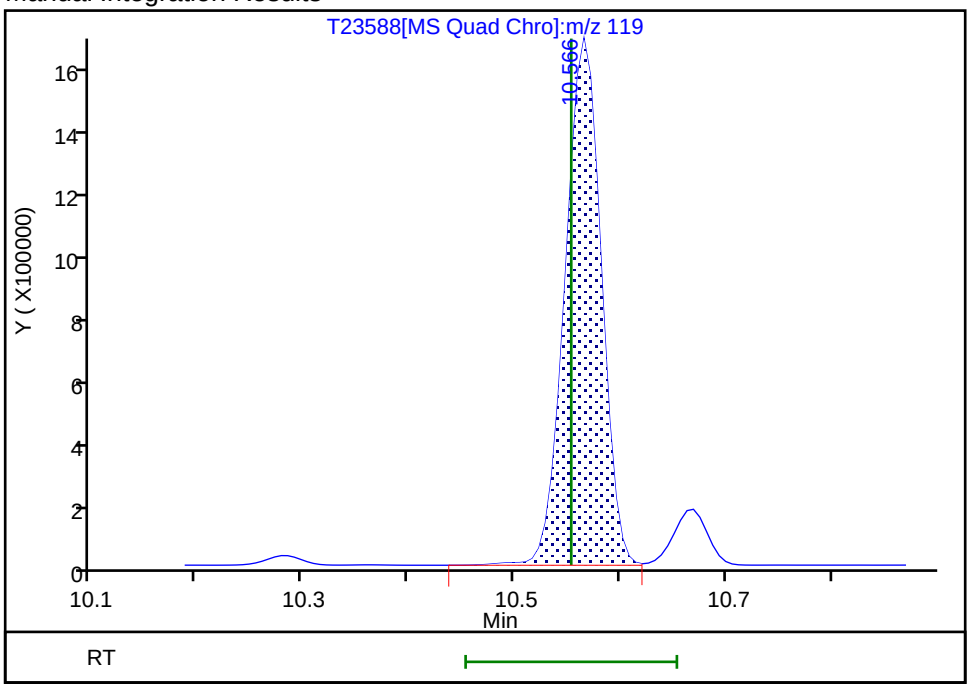
Not Detected
Expected RT: 10.55

Processing Integration Results



Manual Integration Results

RT: 10.57
Area: 3998006
Amount: 488.6747
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:30:30
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

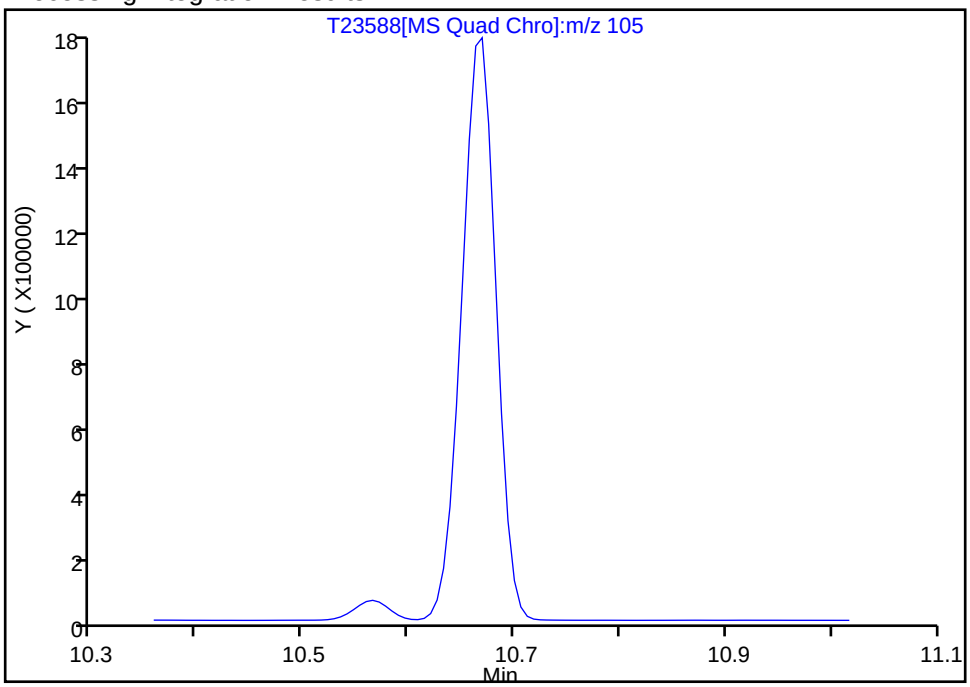
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Signal: 1

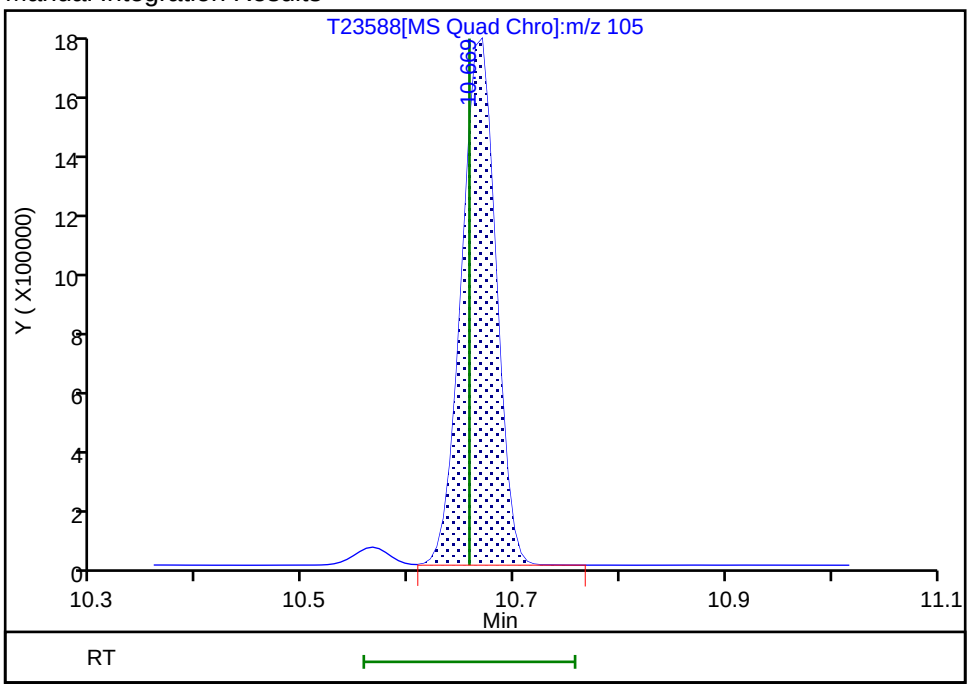
Not Detected
Expected RT: 10.66

Processing Integration Results



Manual Integration Results

RT: 10.67
Area: 3927462
Amount: 487.1371
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:28:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

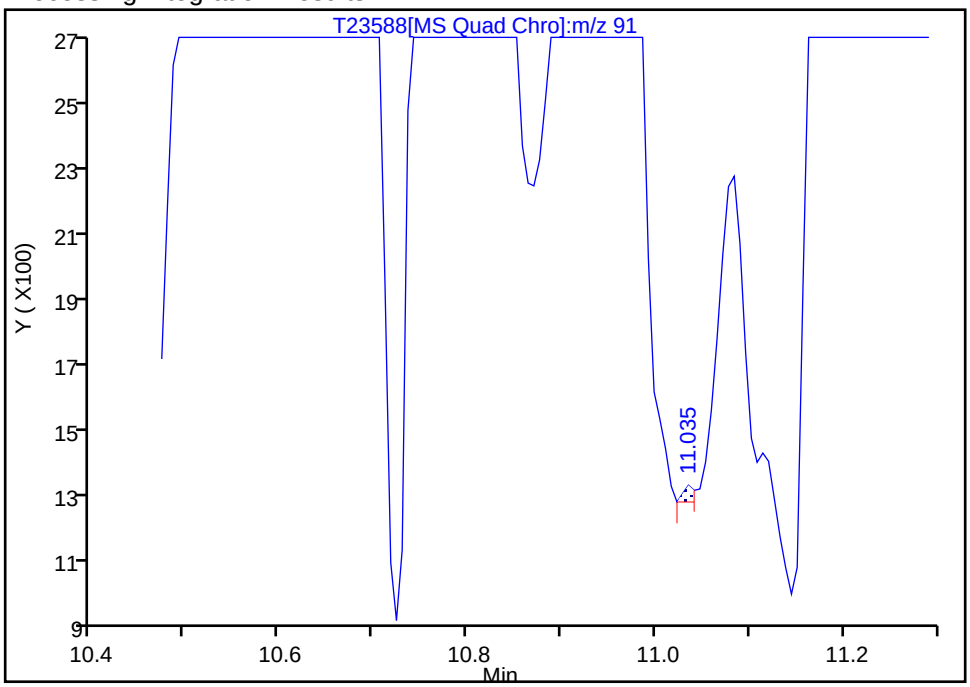
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D
Injection Date: 04-Oct-2019 01:53:51 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 Benzyl chloride, CAS: 100-44-7

Signal: 1

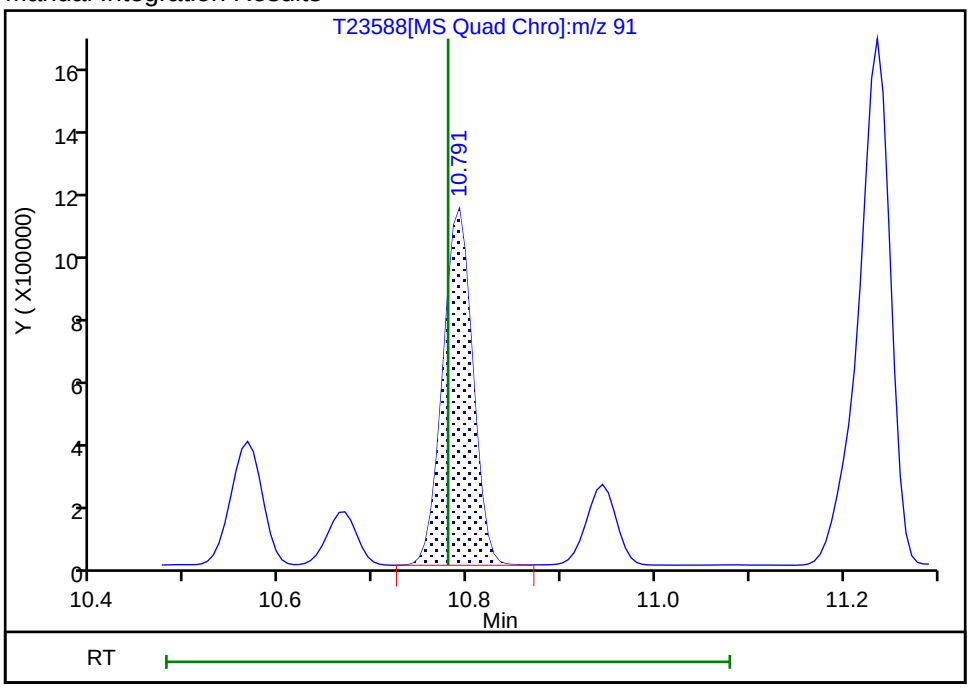
Processing Integration Results

RT: 11.04
Area: 39
Amount: 20.291057
Amount Units: ug/l



Manual Integration Results

RT: 10.79
Area: 2514017
Amount: 472.0742
Amount Units: ug/l



Reviewer: baronm, 04-Oct-2019 19:36:31
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

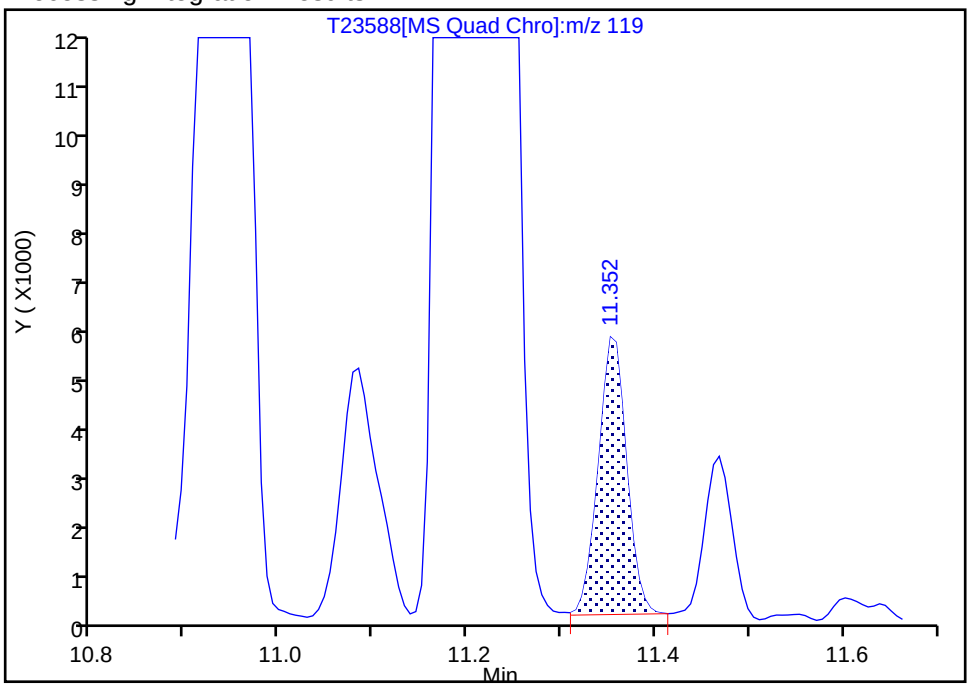
Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D		
Injection Date:	04-Oct-2019 01:53:51	Instrument ID:	CVOAMS15
Lims ID:	STD500		
Client ID:			
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

126 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

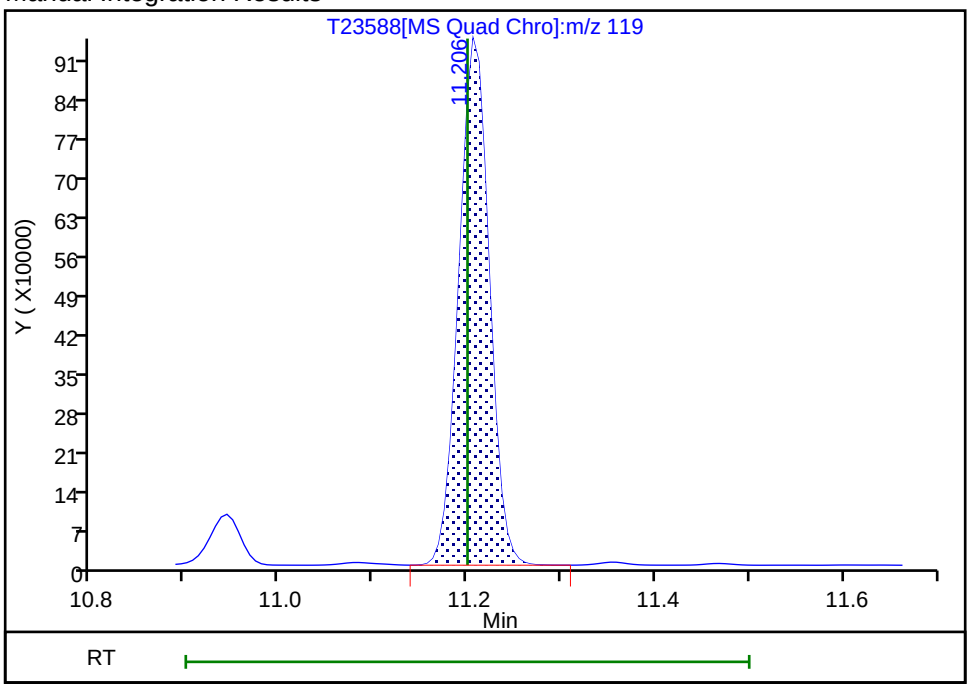
Processing Integration Results

RT: 11.35
Area: 11333
Amount: 36.568829
Amount Units: ug/l



Manual Integration Results

RT: 11.21
Area: 2118794
Amount: 476.5690
Amount Units: ug/l



Reviewer: desais, 04-Oct-2019 06:30:23

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.: 460-197839-1

SDG No.:

Lab Sample ID: CCVIS 460-659639/2 Calibration Date: 12/03/2019 06:38

Instrument ID: CVOAMS15 Calib Start Date: 10/03/2019 22:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/04/2019 01:53

Lab File ID: T26831.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
Dichlorodifluoromethane	Ave	0.2972	0.2419	0.1000	16.3	20.0	-18.6	20.0
Chloromethane	Ave	0.2442	0.2080	0.1000	17.0	20.0	-14.8	20.0
Vinyl chloride	Ave	0.2924	0.3154	0.1000	21.6	20.0	7.9	20.0
Butadiene	Ave	0.2544	0.2497		19.6	20.0	-1.9	20.0
Bromomethane	Ave	1.621	0.5047	0.1000	6.23	20.0	-68.9*	50.0
Chloroethane	Ave	2.029	1.857	0.1000	18.3	20.0	-8.5	50.0
Dichlorofluoromethane	Ave	0.4615	0.5123		22.2	20.0	11.0	20.0
Trichlorofluoromethane	Ave	0.4511	0.4194	0.1000	18.6	20.0	-7.0	20.0
Pentane	Ave	0.0531	0.0209		15.8	40.0	-60.5*	20.0
Ethanol	QuaF		0.3789		1300	800	62.6*	50.0
Ethyl ether	Ave	0.2014	0.2126		21.1	20.0	5.6	20.0
2-Methyl-1,3-butadiene	Ave	0.2132	0.1526		14.3	20.0	-28.4*	20.0
Acrolein	QuaF		9.183		76.5	40.0	91.2*	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2923	0.1777	0.1000	12.2	20.0	-39.2*	20.0
1,1-Dichloroethene	Ave	0.2555	0.2281	0.1000	17.9	20.0	-10.7	20.0
Acetone	Ave	0.5912	0.5708	0.0500	96.6	100	-3.4	50.0
Iodomethane	Ave	0.3598	0.0649		3.61	20.0	-82.0*	20.0
Carbon disulfide	Ave	0.8007	0.7106	0.1000	17.7	20.0	-11.3	50.0
Isopropyl alcohol	Ave	2.783	3.046		219	200	9.4	50.0
Acetonitrile	Ave	0.1305	0.1350		207	200	3.5	20.0
Allyl chloride	Ave	0.1627	0.1522		18.7	20.0	-6.4	20.0
Methyl acetate	Ave	0.1434	0.1588	0.1000	44.3	40.0	10.7	20.0
Cyclopentene	Ave	0.6083	0.4757		15.6	20.0	-21.8*	20.0
Methylene Chloride	Ave	0.2748	0.2860	0.1000	20.8	20.0	4.1	20.0
2-Methyl-2-propanol	Qua2		6.266		218	200	9.1	50.0
Acrylonitrile	Ave	0.0750	0.0895		239	200	19.3	20.0
trans-1,2-Dichloroethene	Ave	0.2925	0.2834	0.1000	19.4	20.0	-3.1	20.0
Methyl tert-butyl ether	Ave	0.7454	0.7729	0.1000	20.7	20.0	3.7	20.0
Hexane	Ave	0.3215	0.1684		10.5	20.0	-47.6*	20.0
1,1-Dichloroethane	Ave	0.4497	0.4663	0.2000	20.7	20.0	3.7	20.0
Vinyl acetate	Ave	0.6737	0.5170		30.7	40.0	-23.3*	20.0
2-Chloro-1,3-butadiene	Ave	0.2791	0.2614		18.7	20.0	-6.3	20.0
Isopropyl ether	Ave	0.6679	0.7923		23.7	20.0	18.6	20.0
Tert-butyl ethyl ether	Ave	0.7561	0.7482		19.8	20.0	-1.1	20.0
2,2-Dichloropropane	QuaF		0.0888		15.8	20.0	-21.1*	20.0
cis-1,2-Dichloroethene	Ave	0.3249	0.3150	0.1000	19.4	20.0	-3.1	20.0
2-Butanone (MEK)	Ave	0.8425	0.9784	0.0500	116	100	16.1	50.0
Propionitrile	Ave	7.481	9.826		263	200	31.3*	20.0
Ethyl acetate	QuaF		0.2485		34.8	40.0	-13.1	20.0
Methyl acrylate	QuaF		0.2552		22.3	20.0	11.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Lab Sample ID: CCVIS 460-659639/2 Calibration Date: 12/03/2019 06:38

Instrument ID: CVOAMS15 Calib Start Date: 10/03/2019 22:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/04/2019 01:53

Lab File ID: T26831.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
Chlorobromomethane	Ave	0.1570	0.1549		19.7	20.0	-1.3	20.0
Methacrylonitrile	Ave	0.1024	0.1175		229	200	14.7	20.0
Tetrahydrofuran	Ave	0.4021	0.3299		32.8	40.0	-17.9	20.0
Chloroform	Ave	0.4918	0.4992	0.2000	20.3	20.0	1.5	20.0
1,1,1-Trichloroethane	Ave	0.4633	0.3954	0.1000	17.1	20.0	-14.6	20.0
Cyclohexane	Ave	0.4004	0.2701	0.1000	13.5	20.0	-32.6	50.0
1,1-Dichloropropene	Ave	0.3938	0.3659		18.6	20.0	-7.1	20.0
Carbon tetrachloride	Ave	0.4339	0.3267	0.1000	15.1	20.0	-24.7*	20.0
Isobutyl alcohol	Ave	1.794	2.222		619	500	23.8	50.0
Benzene	Ave	1.442	1.484	0.5000	20.6	20.0	2.9	20.0
1,2-Dichloroethane	Ave	0.3463	0.3371	0.1000	19.5	20.0	-2.6	20.0
2,2,4-Trimethylpentane	Ave	0.5847	0.3093		10.6	20.0	-47.1*	20.0
Isopropyl acetate	Ave	0.0762	0.0939		24.7	20.0	23.3*	20.0
Tert-amyl methyl ether	Ave	0.7462	0.7232		19.4	20.0	-3.1	20.0
n-Heptane	Ave	0.2252	0.1347		12.0	20.0	-40.2*	20.0
Trichloroethene	Ave	0.3554	0.3060	0.2000	17.2	20.0	-13.9	20.0
n-Butanol	Ave	1.418	1.500		529	500	5.8	50.0
Ethyl acrylate	Ave	0.5977	0.4825		16.1	20.0	-19.3	20.0
Methylcyclohexane	Ave	0.4393	0.2716	0.1000	12.4	20.0	-38.2	50.0
1,2-Dichloropropane	Ave	0.2592	0.2797	0.1000	21.6	20.0	7.9	20.0
Dibromomethane	Ave	0.1894	0.1861		19.6	20.0	-1.8	20.0
1,4-Dioxane	Ave	0.9618	1.071		445	400	11.4	50.0
Methyl methacrylate	Ave	0.0815	0.0764		37.5	40.0	-6.3	20.0
n-Propyl acetate	Ave	0.2829	0.3151		22.3	20.0	11.4	20.0
Dichlorobromomethane	Ave	0.3843	0.3628	0.2000	18.9	20.0	-5.6	20.0
2-Nitropropane	Ave	0.0624	0.0420		26.9	40.0	-32.8*	20.0
2-Chloroethyl vinyl ether	Ave	0.1848	0.1591		17.3	20.0	-13.9	20.0
Epichlorohydrin	Ave	0.2550	0.2390		375	400	-6.3	20.0
cis-1,3-Dichloropropene	Ave	0.5636	0.5805	0.2000	20.6	20.0	3.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.026	2.021	0.0500	99.8	100	-0.2	50.0
Toluene	Ave	1.557	1.583	0.4000	20.3	20.0	1.6	20.0
trans-1,3-Dichloropropene	Ave	0.5278	0.4881	0.1000	18.5	20.0	-7.5	50.0
Ethyl methacrylate	Ave	0.4154	0.4082		19.7	20.0	-1.7	20.0
1,1,2-Trichloroethane	Ave	0.2648	0.2994	0.1000	22.6	20.0	13.0	20.0
Tetrachloroethene	Ave	0.3868	0.3743	0.2000	19.4	20.0	-3.2	20.0
1,3-Dichloropropane	Ave	0.5090	0.5909		23.2	20.0	16.1	20.0
2-Hexanone	Ave	1.393	1.366	0.0500	98.0	100	-2.0	50.0
Chlorodibromomethane	Ave	0.3899	0.3628	0.1000	18.6	20.0	-6.9	50.0
Ethylene Dibromide	Ave	0.3569	0.3656	0.1000	20.5	20.0	2.5	20.0
n-Butyl acetate	Ave	0.3897	0.4226		21.7	20.0	8.4	20.0
Chlorobenzene	Ave	1.008	1.004	0.5000	19.9	20.0	-0.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Lab Sample ID: CCVIS 460-659639/2 Calibration Date: 12/03/2019 06:38

Instrument ID: CVOAMS15 Calib Start Date: 10/03/2019 22:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/04/2019 01:53

Lab File ID: T26831.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
1,1,1,2-Tetrachloroethane	Ave	0.3567	0.3362		18.8	20.0	-5.8	20.0
Ethylbenzene	Ave	0.5306	0.5290	0.1000	19.9	20.0	-0.3	20.0
m-Xylene & p-Xylene	Ave	0.6356	0.6568	0.1000	20.7	20.0	3.3	20.0
o-Xylene	Ave	0.6083	0.6224	0.3000	20.5	20.0	2.3	20.0
Styrene	Ave	1.022	1.011	0.3000	19.8	20.0	-1.1	20.0
n-Butyl acrylate	Ave	0.2360	0.2197		18.6	20.0	-6.9	20.0
Bromoform	Ave	0.2303	0.1978	0.1000	17.2	20.0	-14.1	20.0
Amyl acetate (mixed isomers)	Ave	0.8920	1.009		22.6	20.0	13.1	20.0
Isopropylbenzene	Ave	1.507	1.535	0.1000	20.4	20.0	1.8	20.0
Bromobenzene	Ave	0.7910	0.8378		21.2	20.0	5.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6922	0.9381	0.3000	27.1	20.0	35.5*	20.0
1,2,3-Trichloropropane	Lin2		0.2780		21.4	20.0	6.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2369	0.2179		18.4	20.0	-8.0	20.0
N-Propylbenzene	Ave	3.907	4.012		20.5	20.0	2.7	20.0
2-Chlorotoluene	Ave	2.211	2.429		22.0	20.0	9.9	20.0
4-Ethyltoluene	Ave	3.106	3.323		21.4	20.0	7.0	20.0
4-Chlorotoluene	Ave	2.127	2.282		21.5	20.0	7.3	20.0
1,3,5-Trimethylbenzene	Ave	2.537	2.574		20.3	20.0	1.5	20.0
Butyl Methacrylate	Ave	0.9118	0.8050		17.7	20.0	-11.7	20.0
tert-Butylbenzene	Ave	2.204	2.144		19.5	20.0	-2.7	20.0
1,2,4-Trimethylbenzene	Ave	2.616	2.659		20.3	20.0	1.6	20.0
sec-Butylbenzene	Ave	3.019	2.957		19.6	20.0	-2.1	20.0
1,3-Dichlorobenzene	Ave	1.356	1.397	0.6000	20.6	20.0	3.0	20.0
1,4-Dichlorobenzene	Ave	1.399	1.402	0.5000	20.1	20.0	0.3	20.0
p-Diethylbenzene	Ave	2.496	2.395		19.2	20.0	-4.1	20.0
1,2,3-Trimethylbenzene	Ave	2.459	2.471		20.1	20.0	0.5	20.0
Benzyl chloride	Ave	1.625	1.148		14.1	20.0	-29.4	50.0
Indan	Ave	2.490	2.496		20.0	20.0	0.2	20.0
1,2-Dichlorobenzene	Ave	1.279	1.299	0.4000	20.3	20.0	1.6	20.0
4-Isopropyltoluene	Ave	1.356	1.268		18.7	20.0	-6.5	20.0
n-Butylbenzene	Ave	1.254	1.164		18.6	20.0	-7.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1463	0.1224	0.0500	16.7	20.0	-16.4	50.0
1,2,4,5-Tetramethylbenzene	Ave	2.069	1.867		18.0	20.0	-9.8	20.0
1,3,5-Trichlorobenzene	Ave	0.6839	0.6301		18.4	20.0	-7.9	20.0
1,2,4-Trichlorobenzene	Ave	0.6035	0.5603	0.2000	18.6	20.0	-7.2	20.0
Hexachlorobutadiene	Ave	0.2228	0.1682		15.1	20.0	-24.5*	20.0
Naphthalene	Ave	2.017	1.855		18.4	20.0	-8.0	50.0
1,2,3-Trichlorobenzene	Ave	0.5431	0.4667		17.2	20.0	-14.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2870	0.2700		47.0	50.0	-5.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2830	0.2709		47.9	50.0	-4.3	20.0
Toluene-d8 (Surr)	Ave	1.323	1.299		49.1	50.0	-1.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Lab Sample ID: CCVIS 460-659639/2 Calibration Date: 12/03/2019 06:38

Instrument ID: CVOAMS15 Calib Start Date: 10/03/2019 22:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/04/2019 01:53

Lab File ID: T26831.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
4-Bromofluorobenzene	Ave	0.3747	0.3614		48.2	50.0	-3.5	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26831.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 03-Dec-2019 06:38:36 ALS Bottle#: 0 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0102184-002
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub17

Method: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Dec-2019 09:32:59 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0326

First Level Reviewer: desais Date: 03-Dec-2019 07:15:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.665	0.665	0.000	88	62544	20.0	16.3	
6 Chloromethane	50	0.744	0.744	0.000	99	53771	20.0	17.0	
7 Vinyl chloride	62	0.787	0.787	0.000	98	81539	20.0	21.6	
8 Butadiene	54	0.805	0.805	0.000	94	64557	20.0	19.6	
9 Bromomethane	94	0.933	0.933	0.000	99	14139	20.0	6.23	
10 Chloroethane	64	0.976	0.976	0.000	99	52022	20.0	18.3	
11 Dichlorofluoromethane	67	1.067	1.067	0.000	91	132447	20.0	22.2	
12 Trichlorofluoromethane	101	1.092	1.092	0.000	99	108419	20.0	18.6	
13 Pentane	72	1.135	1.135	0.000	96	10827	40.0	15.8	
14 Ethanol	45	1.196	1.196	0.000	98	13501	800.0	1300.8	
16 Ethyl ether	59	1.238	1.238	0.000	63	54954	20.0	21.1	
17 2-Methyl-1,3-butadiene	53	1.244	1.244	0.000	80	39442	20.0	14.3	
19 Acrolein	56	1.299	1.299	0.000	96	16362	40.0	76.5	
20 1,1-Dichloroethene	96	1.348	1.348	0.000	97	58982	20.0	17.9	
21 1,1,2-Trichloro-1,2,2-trif	101	1.348	1.348	0.000	62	45944	20.0	12.2	
22 Acetone	43	1.378	1.378	0.000	88	79963	100.0	96.6	
23 Iodomethane	142	1.421	1.421	0.000	98	16769	20.0	3.61	
24 Carbon disulfide	76	1.452	1.452	0.000	98	183713	20.0	17.7	
25 Isopropyl alcohol	45	1.464	1.464	0.000	39	27137	200.0	218.9	
26 Acetonitrile	40	1.531	1.531	0.000	81	37830	200.0	206.9	
27 3-Chloro-1-propene	76	1.537	1.537	0.000	93	39356	20.0	18.7	
28 Methyl acetate	43	1.555	1.555	0.000	97	82097	40.0	44.3	
29 Cyclopentene	67	1.580	1.580	0.000	94	122997	20.0	15.6	
30 Methylene Chloride	84	1.604	1.604	0.000	85	73945	20.0	20.8	
* 31 TBA-d9 (IS)	66	1.634	1.634	0.000	100	44545	1000.0	1000.0	
40 2-Methyl-2-propanol	59	1.683	1.683	0.000	99	55820	200.0	218.2	
32 Acrylonitrile	53	1.744	1.744	0.000	94	231431	200.0	238.6	
33 trans-1,2-Dichloroethene	96	1.756	1.756	0.000	92	73259	20.0	19.4	
34 Methyl tert-butyl ether	73	1.769	1.769	0.000	96	199834	20.0	20.7	
35 Hexane	57	1.933	1.933	0.000	90	43540	20.0	10.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.012	2.012	0.000	100	120558	20.0	20.7	
37 Vinyl acetate	86	2.061	2.061	0.000	99	28968	40.0	30.7	
38 2-Chloro-1,3-butadiene	88	2.073	2.073	0.000	72	67589	20.0	18.7	
39 Isopropyl ether	45	2.073	2.073	0.000	77	204837	20.0	23.7	
41 Tert-butyl ethyl ether	59	2.323	2.323	0.000	90	193430	20.0	19.8	
* 42 2-Butanone-d5	46	2.384	2.384	0.000	96	350215	250.0	250.0	
43 2,2-Dichloropropane	97	2.403	2.403	0.000	79	22965	20.0	15.8	
44 cis-1,2-Dichloroethene	96	2.409	2.409	0.000	93	81434	20.0	19.4	
45 2-Butanone (MEK)	43	2.427	2.427	0.000	98	137063	100.0	116.1	
46 Propionitrile	54	2.470	2.470	0.000	98	87536	200.0	262.7	
47 Ethyl acetate	70	2.488	2.488	0.000	99	13923	40.0	34.8	
55 Methyl acrylate	55	2.506	2.506	0.000	96	65968	20.0	22.3	
49 Methacrylonitrile	67	2.579	2.579	0.000	88	303766	200.0	229.5	
50 Chlorobromomethane	128	2.579	2.579	0.000	48	40039	20.0	19.7	
51 Tetrahydrofuran	72	2.622	2.622	0.000	83	18487	40.0	32.8	
52 Chloroform	83	2.646	2.646	0.000	100	129060	20.0	20.3	
$ 53 Dibromofluoromethane (Surr	113	2.768	2.768	0.000	95	174519	50.0	47.0	
54 1,1,1-Trichloroethane	97	2.781	2.781	0.000	76	102229	20.0	17.1	
56 Cyclohexane	84	2.823	2.823	0.000	87	69820	20.0	13.5	
57 Carbon tetrachloride	117	2.915	2.915	0.000	85	84474	20.0	15.1	
58 1,1-Dichloropropene	75	2.915	2.915	0.000	97	94600	20.0	18.6	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	97	175081	50.0	47.9	
60 Isobutyl alcohol	43	3.073	3.073	0.000	41	49482	500.0	619.1	
61 Benzene	78	3.079	3.079	0.000	96	284966	20.0	20.6	
62 1,2-Dichloroethane	62	3.104	3.104	0.000	76	87159	20.0	19.5	
63 Isooctane	57	3.171	3.171	0.000	99	79956	20.0	10.6	a
48 Isopropyl acetate	61	3.201	3.201	0.000	93	24274	20.0	24.7	
64 Tert-amyl methyl ether	73	3.207	3.207	0.000	78	186982	20.0	19.4	
* 65 Fluorobenzene	96	3.335	3.335	0.000	99	646342	50.0	50.0	
66 n-Heptane	43	3.354	3.354	0.000	51	34817	20.0	12.0	a
67 Trichloroethene	95	3.671	3.671	0.000	99	79103	20.0	17.2	
68 n-Butanol	56	3.695	3.695	0.000	66	33398	500.0	528.9	
69 Ethyl acrylate	55	3.835	3.835	0.000	98	124736	20.0	16.1	
70 Methylcyclohexane	83	3.854	3.854	0.000	82	70208	20.0	12.4	a
71 1,2-Dichloropropane	63	3.884	3.884	0.000	90	72319	20.0	21.6	
72 Dibromomethane	93	3.994	3.994	0.000	53	48110	20.0	19.6	
* 73 1,4-Dioxane-d8	96	4.000	4.000	0.000	22	35064	1000.0	1000.0	
74 1,4-Dioxane	88	4.055	4.055	0.000	34	15023	400.0	445.5	
75 Methyl methacrylate	100	4.067	4.067	0.000	84	39492	40.0	37.5	
76 n-Propyl acetate	43	4.152	4.152	0.000	97	81451	20.0	22.3	
77 Dichlorobromomethane	83	4.183	4.183	0.000	95	93804	20.0	18.9	
78 2-Nitropropane	41	4.439	4.439	0.000	98	21698	40.0	26.9	
79 2-Chloroethyl vinyl ether	63	4.555	4.555	0.000	94	41235	20.0	17.3	
80 Epichlorohydrin	57	4.591	4.591	0.000	98	133895	400.0	374.8	
85 cis-1,3-Dichloropropene	75	4.683	4.683	0.000	85	111440	20.0	20.6	
82 4-Methyl-2-pentanone (MIBK	43	4.902	4.902	0.000	94	283093	100.0	99.8	
$ 83 Toluene-d8 (Surr)	98	4.975	4.975	0.000	99	623414	50.0	49.1	
84 Toluene	91	5.055	5.055	0.000	93	303820	20.0	20.3	
81 trans-1,3-Dichloropropene	75	5.365	5.365	0.000	95	93706	20.0	18.5	
86 Ethyl methacrylate	69	5.554	5.554	0.000	87	78368	20.0	19.7	
87 1,1,2-Trichloroethane	83	5.573	5.573	0.000	92	57473	20.0	22.6	
88 Tetrachloroethene	166	5.719	5.719	0.000	95	71867	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
89 1,3-Dichloropropane	76	5.774	5.774	0.000	89	113445	20.0	23.2	
90 2-Hexanone	43	5.969	5.969	0.000	93	191296	100.0	98.0	
91 Chlorodibromomethane	129	6.054	6.054	0.000	96	69648	20.0	18.6	
92 Ethylene Dibromide	107	6.164	6.164	0.000	97	70192	20.0	20.5	
93 n-Butyl acetate	43	6.195	6.195	0.000	98	81140	20.0	21.7	
* 94 Chlorobenzene-d5	117	6.829	6.829	0.000	84	479955	50.0	50.0	
95 Chlorobenzene	112	6.871	6.871	0.000	95	192791	20.0	19.9	
96 1,1,1,2-Tetrachloroethane	131	7.018	7.018	0.000	95	64542	20.0	18.8	
97 Ethylbenzene	106	7.079	7.079	0.000	98	101563	20.0	19.9	
98 m-Xylene & p-Xylene	106	7.261	7.261	0.000	96	126084	20.0	20.7	
99 o-Xylene	106	7.828	7.828	0.000	94	119484	20.0	20.5	
100 Styrene	104	7.859	7.859	0.000	91	194083	20.0	19.8	
101 n-Butyl acrylate	73	7.956	7.956	0.000	98	42171	20.0	18.6	
102 Bromoform	173	8.078	8.078	0.000	92	37966	20.0	17.2	
103 Amyl acetate (mixed isomer	43	8.347	8.347	0.000	91	87381	20.0	22.6	
104 Isopropylbenzene	105	8.432	8.432	0.000	95	294620	20.0	20.4	
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	173440	50.0	48.2	
106 Bromobenzene	156	8.792	8.792	0.000	98	72551	20.0	21.2	
107 1,1,2,2-Tetrachloroethane	83	8.950	8.950	0.000	92	81236	20.0	27.1	
108 1,2,3-Trichloropropane	110	8.956	8.956	0.000	83	24074	20.0	21.4	
109 trans-1,4-Dichloro-2-buten	53	9.048	9.048	0.000	84	18871	20.0	18.4	
110 N-Propylbenzene	91	9.084	9.084	0.000	99	347386	20.0	20.5	
111 2-Chlorotoluene	91	9.145	9.145	0.000	96	210343	20.0	22.0	
112 4-Ethyltoluene	105	9.285	9.285	0.000	98	287746	20.0	21.4	
113 4-Chlorotoluene	91	9.334	9.334	0.000	98	197571	20.0	21.5	
114 1,3,5-Trimethylbenzene	105	9.401	9.401	0.000	93	222848	20.0	20.3	
115 Butyl Methacrylate	87	9.712	9.712	0.000	87	69711	20.0	17.7	
116 tert-Butylbenzene	119	9.907	9.907	0.000	91	185648	20.0	19.5	
117 1,2,4-Trimethylbenzene	105	9.987	9.987	0.000	97	230218	20.0	20.3	
118 sec-Butylbenzene	105	10.273	10.273	0.000	98	256043	20.0	19.6	
119 1,3-Dichlorobenzene	146	10.352	10.352	0.000	95	120946	20.0	20.6	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	95	216483	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.511	10.511	0.000	89	121432	20.0	20.1	
122 p-Diethylbenzene	119	10.554	10.554	0.000	76	207354	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	10.657	10.657	0.000	99	213952	20.0	20.1	
127 Benzyl chloride	91	10.779	10.779	0.000	98	99377	20.0	14.1	
124 2,3-Dihydroindene	117	10.932	10.932	0.000	90	216105	20.0	20.0	
125 1,2-Dichlorobenzene	146	11.096	11.096	0.000	94	112527	20.0	20.3	
126 4-Isopropyltoluene	119	11.200	11.200	0.000	75	109809	20.0	18.7	a
128 n-Butylbenzene	92	11.224	11.224	0.000	96	100809	20.0	18.6	
129 1,2-Dibromo-3-Chloropropan	75	12.157	12.157	0.000	87	10596	20.0	16.7	
130 1,2,4,5-Tetramethylbenzene	119	12.200	12.200	0.000	96	161645	20.0	18.0	
131 1,3,5-Trichlorobenzene	180	12.395	12.395	0.000	95	54564	20.0	18.4	
132 1,2,4-Trichlorobenzene	180	13.004	13.004	0.000	92	48520	20.0	18.6	
133 Hexachlorobutadiene	225	13.206	13.206	0.000	50	14562	20.0	15.1	
134 Naphthalene	128	13.212	13.212	0.000	99	160615	20.0	18.4	
135 1,2,3-Trichlorobenzene	180	13.431	13.431	0.000	95	40410	20.0	17.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.8	
S 137 Xylenes, Total	100				0		40.0	41.1	
S 138 Total BTEX	1				0		100.0	102.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.1	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00108	Amount Added:	20.00	Units: uL	
ACROLEIN W_00099	Amount Added:	4.00	Units: uL	
GASES Li_00344	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00030	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Dec-2019 09:33:02 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26831.D

Injection Date: 03-Dec-2019 06:38:36 Instrument ID: CVOAMS15

Lims ID: CCVIS

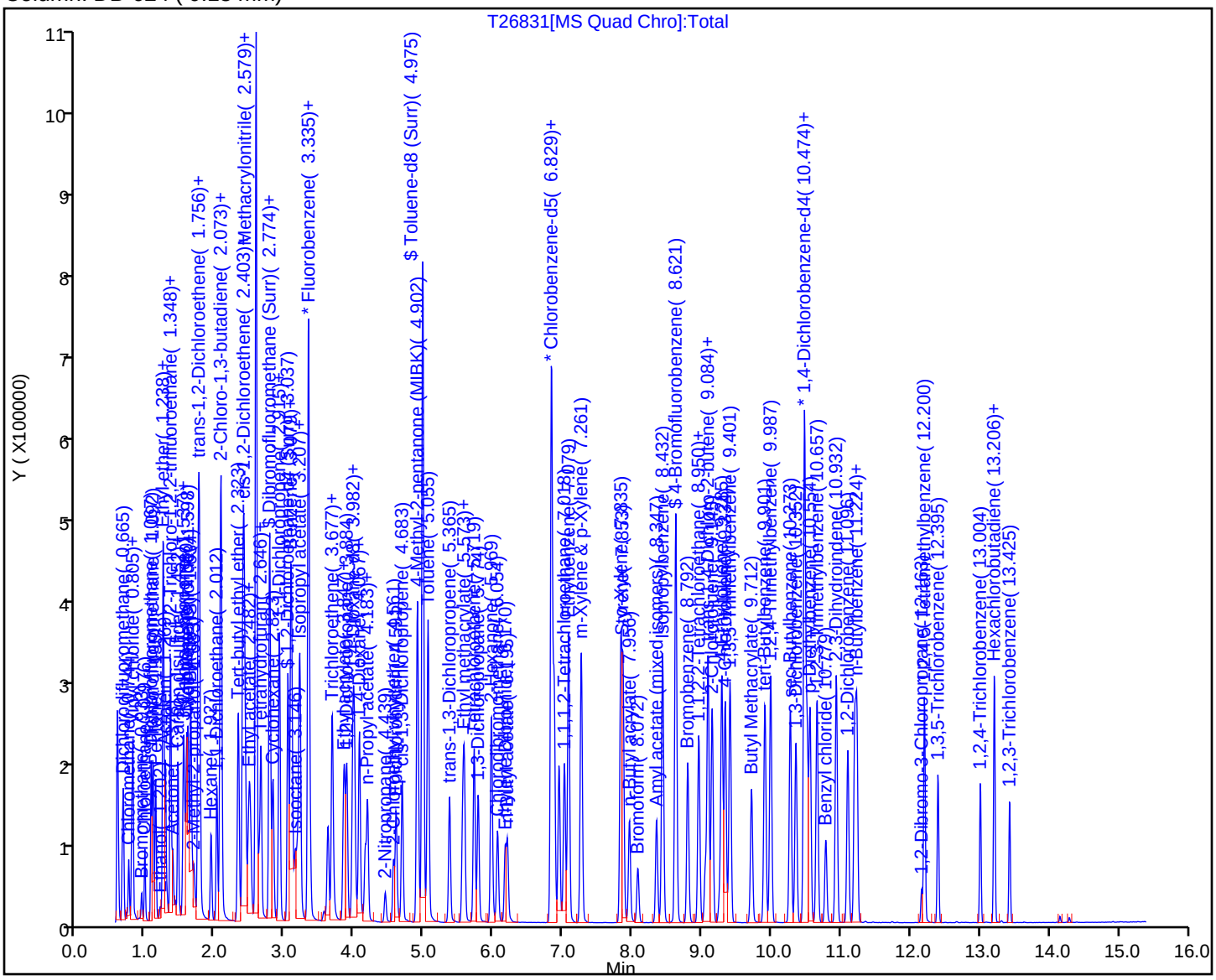
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

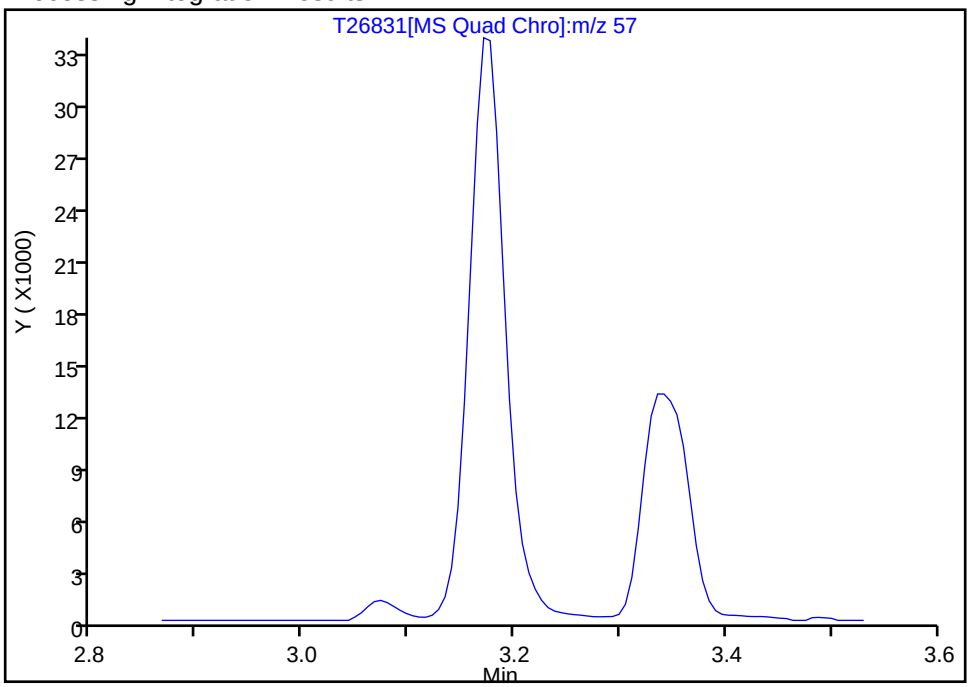
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26831.D
Injection Date: 03-Dec-2019 06:38:36 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isooctane, CAS: 540-84-1

Signal: 1

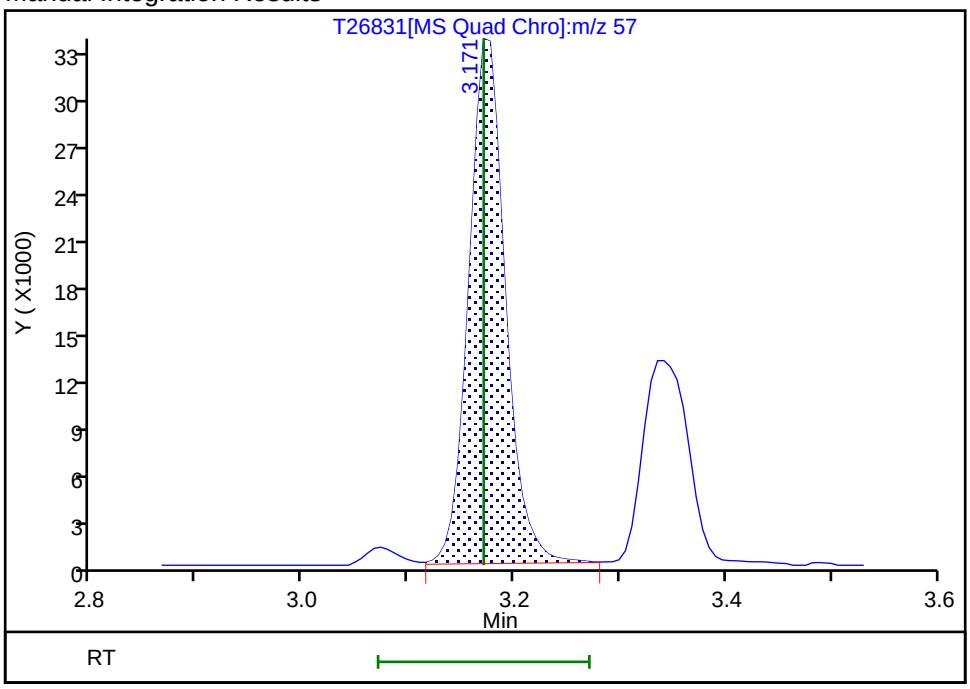
Not Detected
Expected RT: 3.17

Processing Integration Results



Manual Integration Results

RT: 3.17
Area: 79956
Amount: 10.578838
Amount Units: ug/l



Reviewer: desais, 03-Dec-2019 09:06:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

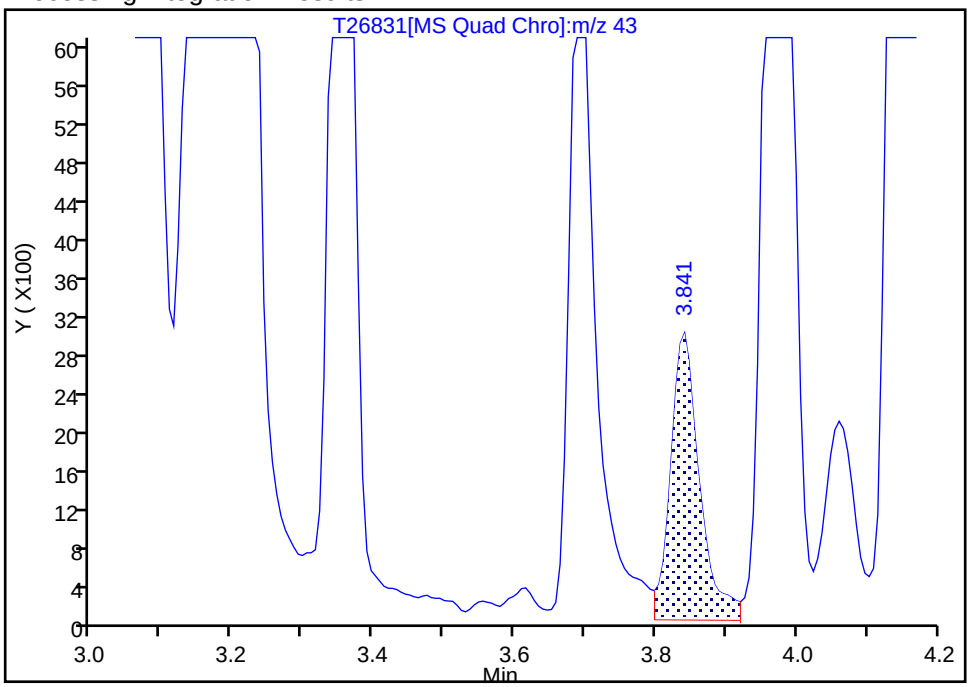
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26831.D
Injection Date: 03-Dec-2019 06:38:36 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Signal: 1

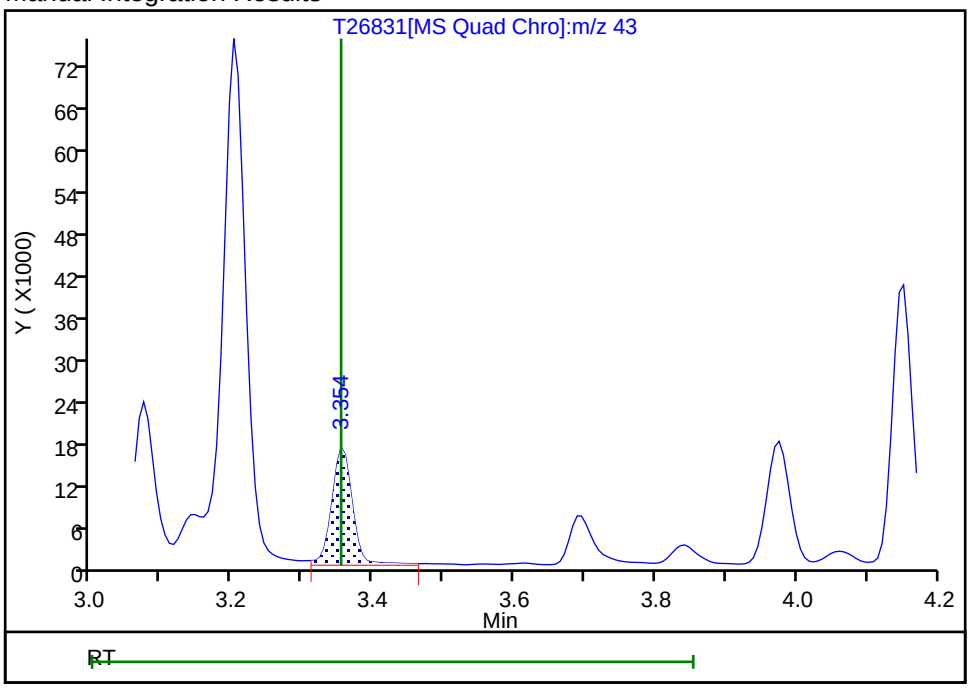
Processing Integration Results

RT: 3.84
Area: 8353
Amount: 2.869125
Amount Units: ug/l



Manual Integration Results

RT: 3.35
Area: 34817
Amount: 11.959097
Amount Units: ug/l



Reviewer: desais, 03-Dec-2019 07:22:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

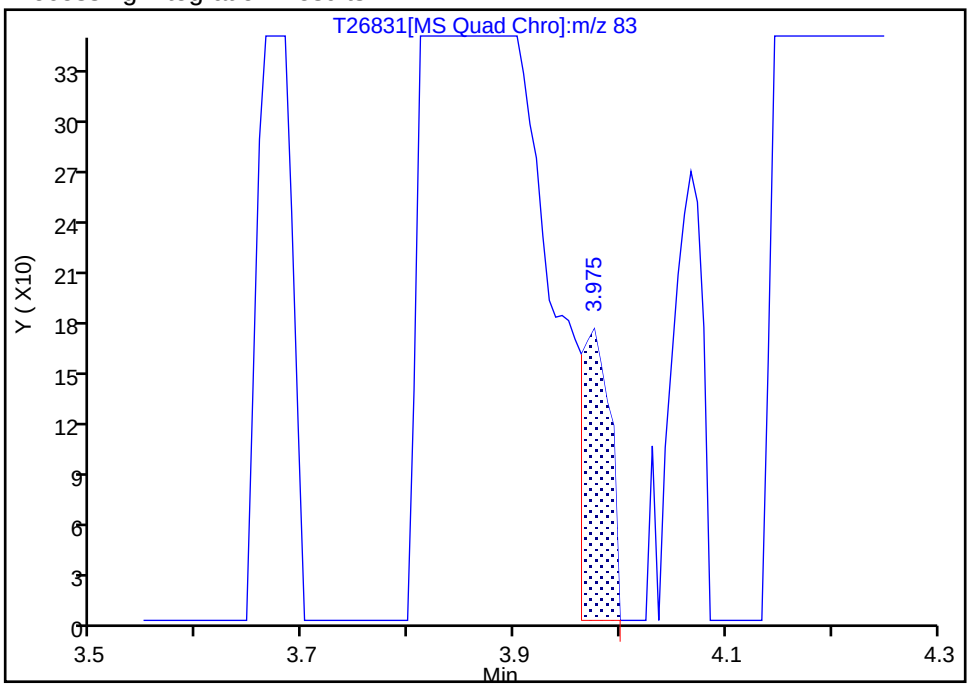
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26831.D
Injection Date: 03-Dec-2019 06:38:36 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

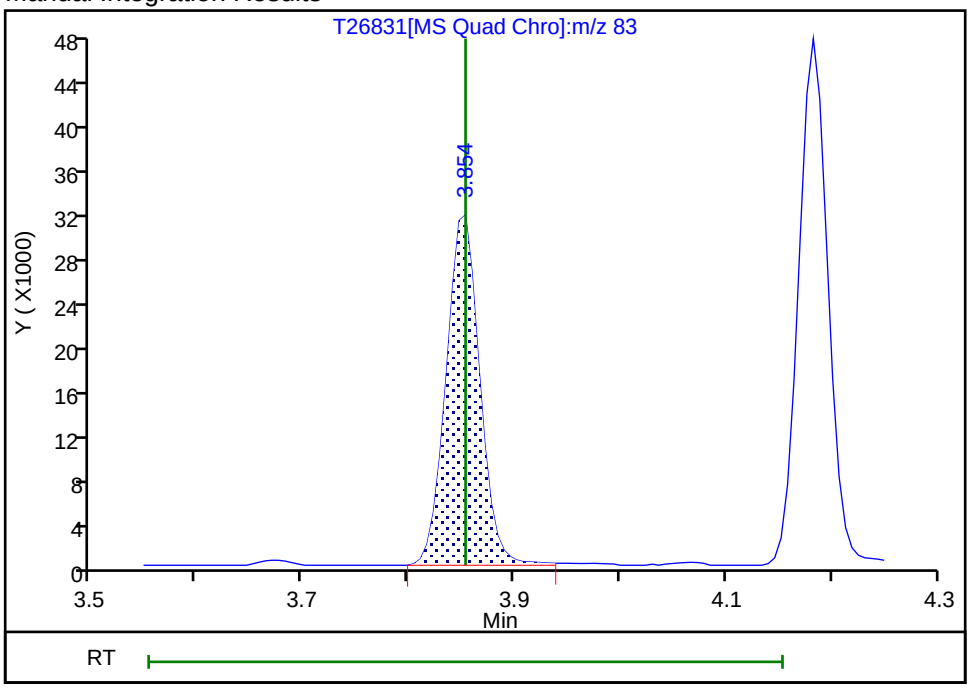
Processing Integration Results

RT: 3.98
Area: 325
Amount: 0.057232
Amount Units: ug/l



Manual Integration Results

RT: 3.85
Area: 70208
Amount: 12.363471
Amount Units: ug/l



Reviewer: desais, 03-Dec-2019 07:04:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

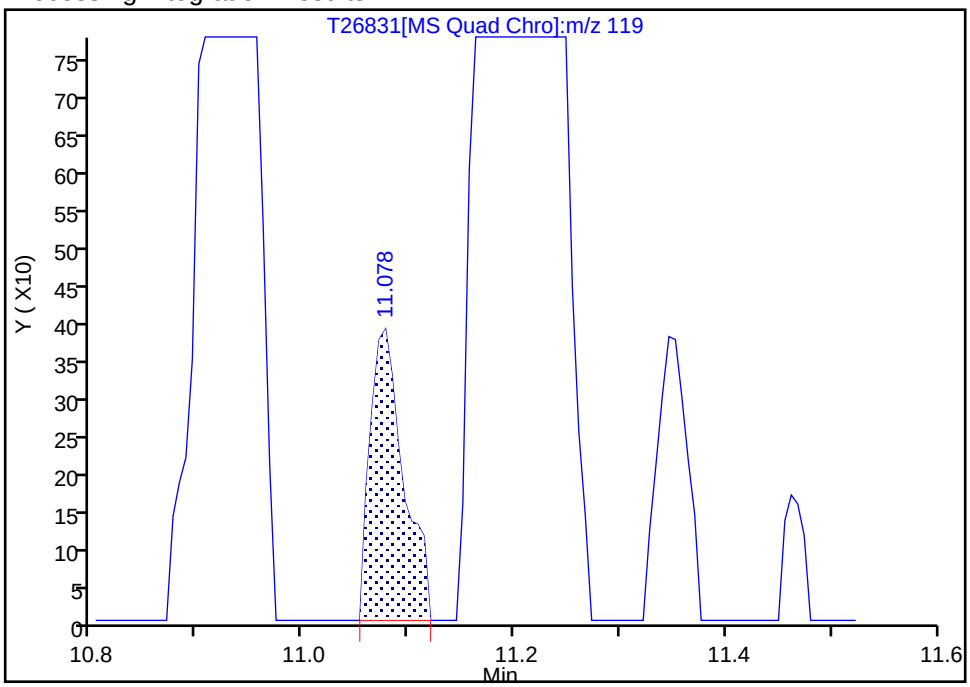
Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26831.D
Injection Date: 03-Dec-2019 06:38:36 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

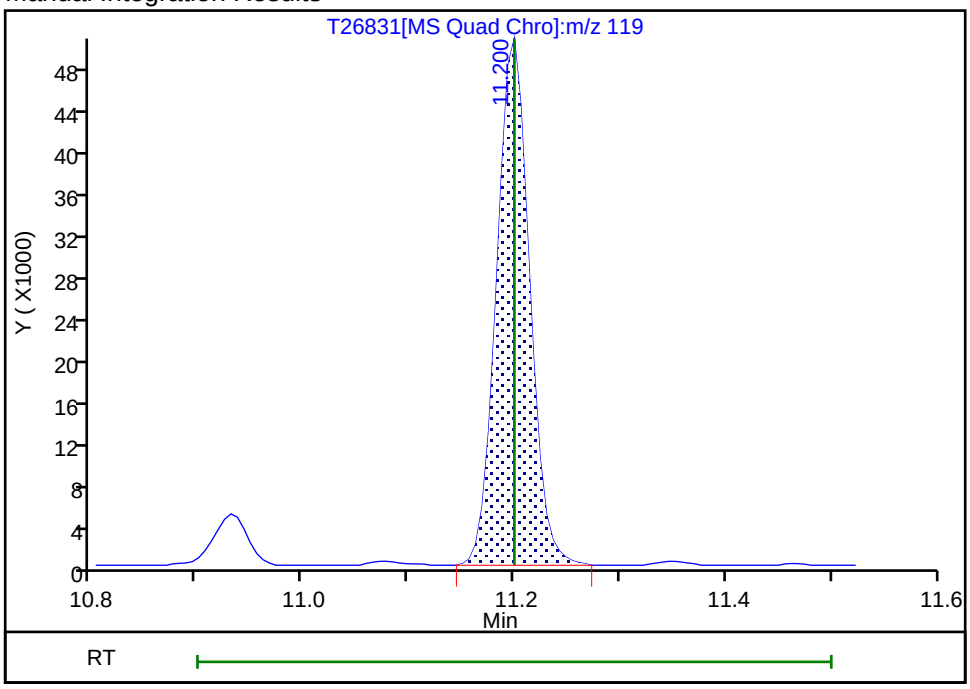
Processing Integration Results

RT: 11.08
Area: 851
Amount: 0.144923
Amount Units: ug/l



Manual Integration Results

RT: 11.20
Area: 109809
Amount: 18.700192
Amount Units: ug/l



Reviewer: desais, 03-Dec-2019 07:05:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23579.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	03-Oct-2019 21:27:03	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0098692-001				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\8260W_15.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	04-Oct-2019 09:42:17	Calib Date:	04-Oct-2019 01:53:51		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX0336				
First Level Reviewer: sarmientod		Date:	04-Oct-2019 02:22:35		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.307	2.138	0.169	0	27936	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

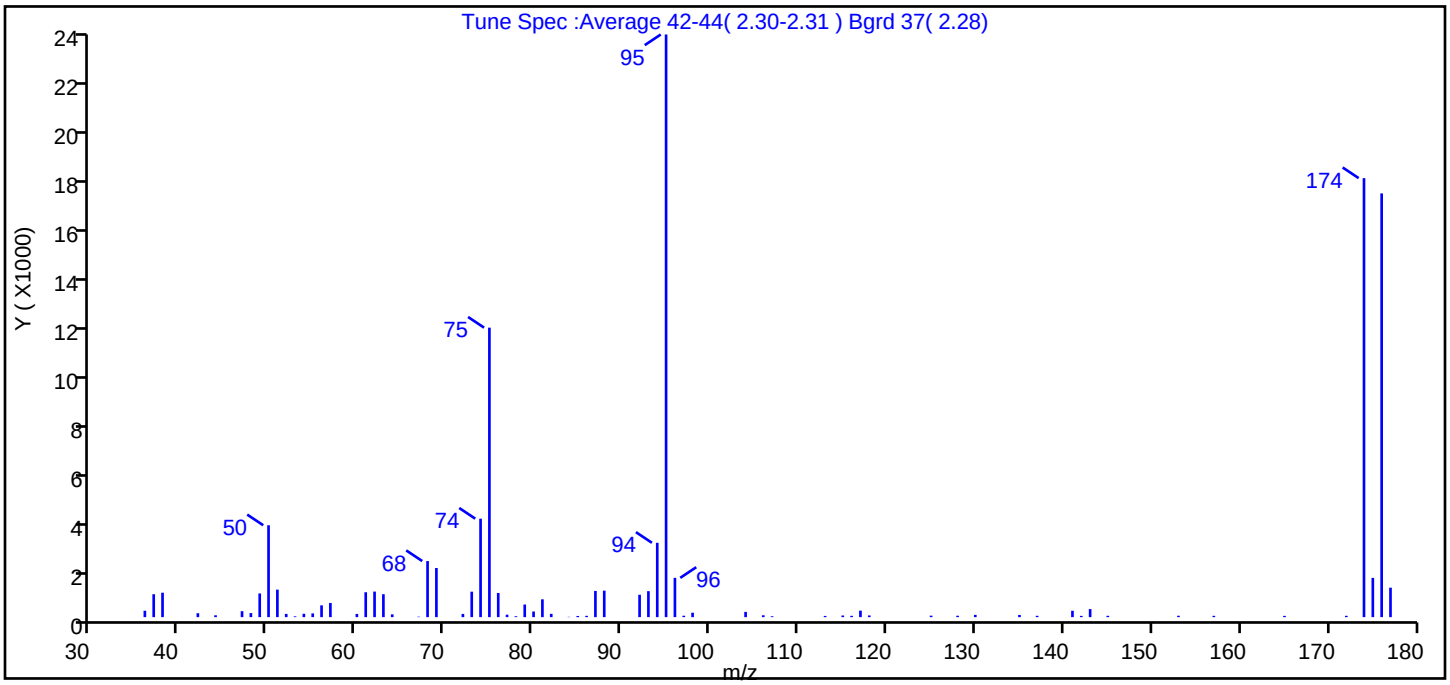
BFB_00021 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23579.D				
Injection Date:	03-Oct-2019 21:27:03	Instrument ID:	CVOAMS15		
Lims ID:	BFB				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260C Water and Solid		
Tune Method:	BFB Method 8260				

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.8
75	30 to 60% of m/z 95	49.7
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	75.3
175	5 to 9% of m/z 174	6.7 (8.9)
176	Greater than 95% but less than 101% of m/z 174	72.7 (96.5)
177	5 to 9% of m/z 176	5.1 (7.0)

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23579.D\8260W_15.rslt\spectra.d
Injection Date: 03-Oct-2019 21:27:03
Spectrum: Tune Spec :Average 42-44(2.30-2.31) Bgrd 37(2.28)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 72

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	262	62.00	1045	85.00	48	118.00	69
37.00	936	63.00	937	86.00	54	125.00	61
38.00	999	64.00	114	87.00	1072	128.00	58
42.00	160	67.00	18	88.00	1083	130.00	92
44.00	76	68.00	2292	92.00	914	135.00	90
47.00	244	69.00	2009	93.00	1062	137.00	55
48.00	166	72.00	132	94.00	3039	141.00	260
49.00	968	73.00	1041	95.00	23816	142.00	52
50.00	3756	74.00	4025	96.00	1606	143.00	329
51.00	1125	75.00	11833	97.00	58	145.00	55
52.00	133	76.00	988	98.00	181	153.00	57
53.00	32	77.00	100	104.00	215	157.00	54
54.00	137	78.00	36	106.00	76	165.00	52
55.00	153	79.00	516	107.00	35	172.00	55
56.00	482	80.00	231	113.00	50	174.00	17944
57.00	580	81.00	729	115.00	67	175.00	1604
60.00	131	82.00	135	116.00	54	176.00	17320
61.00	1018	84.00	12	117.00	266	177.00	1204

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26830.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	03-Dec-2019 06:15:54	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0102184-001				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\8260W_15.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	03-Dec-2019 09:32:52	Calib Date:	04-Oct-2019 01:53:51		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX0326				
First Level Reviewer: desais		Date:	03-Dec-2019 06:24:01		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 141 BFB	95	2.307	2.307	0.000	84	63173	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

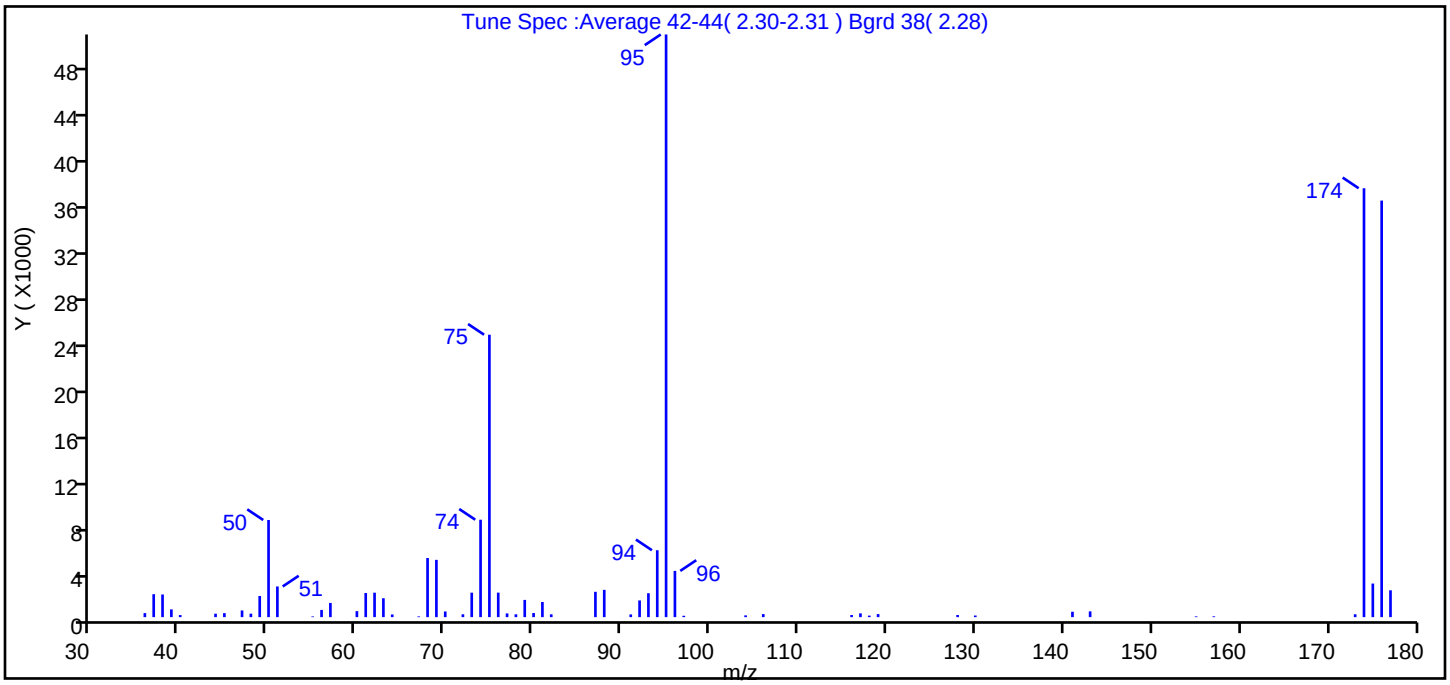
BFB_00024 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26830.D
Injection Date: 03-Dec-2019 06:15:54 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.7
75	30 to 60% of m/z 95	48.5
96	5 to 9% of m/z 95	7.9
173	Less than 2% of m/z 174	0.5 (0.7)
174	50 to 120% of m/z 95	73.6
175	5 to 9% of m/z 174	5.8 (7.8)
176	Greater than 95% but less than 101% of m/z 174	71.5 (97.1)
177	5 to 9% of m/z 176	4.6 (6.4)

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26830.D\8260W_15.rslt\spectra.d
Injection Date: 03-Dec-2019 06:15:54
Spectrum: Tune Spec :Average 42-44(2.30-2.31) Bgrd 38(2.28)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 61

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	348	61.00	2082	80.00	356	118.00	133
37.00	1983	62.00	2112	81.00	1308	119.00	263
38.00	1958	63.00	1632	82.00	244	128.00	185
39.00	671	64.00	233	87.00	2188	130.00	141
40.00	177	67.00	63	88.00	2357	141.00	468
44.00	296	68.00	5107	91.00	236	143.00	498
45.00	347	69.00	4947	92.00	1443	155.00	64
47.00	578	70.00	490	93.00	2067	157.00	68
48.00	302	72.00	246	94.00	5779	173.00	246
49.00	1828	73.00	2114	95.00	50320	174.00	37040
50.00	8389	74.00	8416	96.00	3995	175.00	2901
51.00	2650	75.00	24392	97.00	118	176.00	35976
55.00	60	76.00	2117	104.00	153	177.00	2319
56.00	623	77.00	322	106.00	264		
57.00	1227	78.00	245	116.00	182		
60.00	519	79.00	1489	117.00	328		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-659639/7

Matrix: Water Lab File ID: T26836.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/03/2019 08:38

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 659639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		74-132
460-00-4	4-Bromofluorobenzene	96		77-124
1868-53-7	Dibromofluoromethane (Surr)	94		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26836.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 03-Dec-2019 08:38:41 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0102184-007
Operator ID: Instrument ID: CVOAMS15

Method: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Dec-2019 12:28:57 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0327

First Level Reviewer: delpolitov Date: 03-Dec-2019 12:28:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.634	1.634	0.000	100	45330	1000.0	1000.0	
* 42 2-Butanone-d5	46	2.384	2.384	0.000	99	331041	250.0	250.0	
$ 53 Dibromofluoromethane (Surr	113	2.774	2.768	0.006	95	175082	50.0	47.2	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	96	176130	50.0	48.1	
* 65 Fluorobenzene	96	3.335	3.335	0.000	99	646751	50.0	50.0	
* 73 1,4-Dioxane-d8	96	4.000	4.000	0.000	22	33886	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.981	4.975	0.006	99	621780	50.0	49.6	
* 94 Chlorobenzene-d5	117	6.835	6.829	0.006	84	474117	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	171043	50.0	48.1	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	96	211844	50.0	50.0	

Reagents:

VOA6IS/SURR_00030 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 03-Dec-2019 12:28:58 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26836.D

Injection Date: 03-Dec-2019 08:38:41 Instrument ID: CVOAMS15

Lims ID: MB

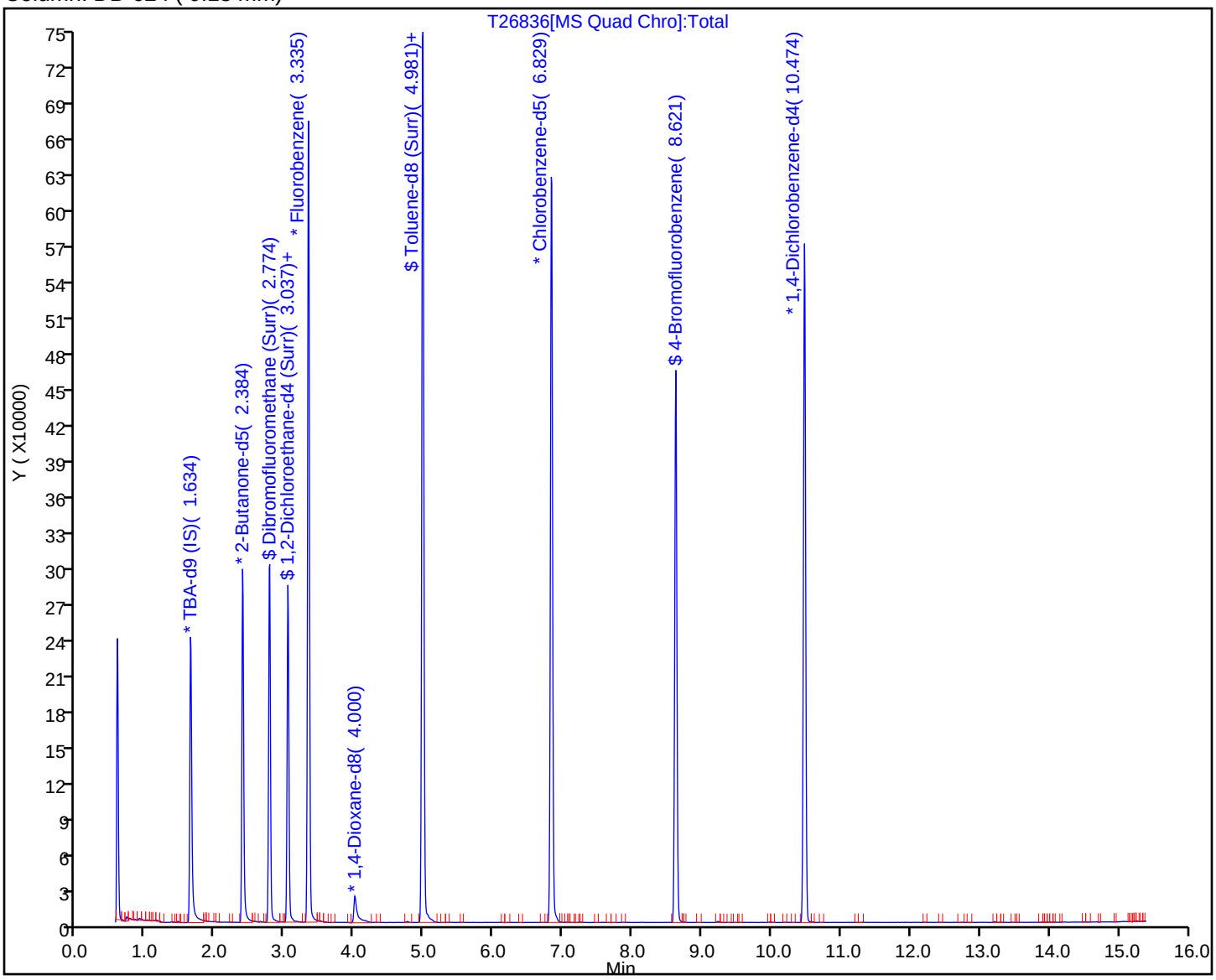
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-659639/3

Matrix: Water Lab File ID: T26832.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/03/2019 07:02

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 659639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.5		1.0	0.24
75-34-3	1,1-Dichloroethane	20.8		1.0	0.26
75-35-4	1,1-Dichloroethene	18.7		1.0	0.26
56-23-5	Carbon tetrachloride	15.5		1.0	0.21
74-87-3	Chloromethane	16.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.9		1.0	0.22
75-09-2	Methylene Chloride	19.5		1.0	0.32
127-18-4	Tetrachloroethene	19.3		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.24
79-01-6	Trichloroethene	17.4		1.0	0.31
75-01-4	Vinyl chloride	20.7		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		74-132
460-00-4	4-Bromofluorobenzene	96		77-124
1868-53-7	Dibromofluoromethane (Surr)	96		72-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26832.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 03-Dec-2019 07:02:33 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0102184-003
Operator ID: Instrument ID: CVOAMS15

Method: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Dec-2019 09:32:59 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0326

First Level Reviewer: desais Date: 03-Dec-2019 09:07:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.665	0.665	0.000	88	56474	20.0	15.1	
6 Chloromethane	50	0.745	0.744	0.000	99	50126	20.0	16.3	
7 Vinyl chloride	62	0.787	0.787	0.000	98	76205	20.0	20.7	
8 Butadiene	54	0.805	0.805	0.000	94	58308	20.0	18.2	
9 Bromomethane	94	0.934	0.933	0.001	98	17878	20.0	7.92	
10 Chloroethane	64	0.976	0.976	0.000	97	50294	20.0	17.8	
11 Dichlorofluoromethane	67	1.068	1.067	0.001	99	127914	20.0	22.0	
12 Trichlorofluoromethane	101	1.098	1.092	0.006	88	99548	20.0	17.5	
13 Pentane	72	1.135	1.135	0.000	96	15015	40.0	22.5	
14 Ethanol	45	1.202	1.196	0.006	98	12626	800.0	1175.7	
16 Ethyl ether	59	1.238	1.238	0.000	58	49953	20.0	19.7	
17 2-Methyl-1,3-butadiene	53	1.244	1.244	0.000	78	43502	20.0	16.2	
19 Acrolein	56	1.299	1.299	0.000	95	13456	40.0	61.8	
20 1,1-Dichloroethene	96	1.348	1.348	0.000	96	60001	20.0	18.7	
21 1,1,2-Trichloro-1,2,2-trif	101	1.348	1.348	0.000	67	56371	20.0	15.3	
22 Acetone	43	1.379	1.378	0.001	88	75364	100.0	91.6	
23 Iodomethane	142	1.421	1.421	0.000	98	26874	20.0	5.93	
24 Carbon disulfide	76	1.458	1.452	0.006	98	180749	20.0	17.9	
25 Isopropyl alcohol	45	1.464	1.464	0.000	38	27126	200.0	212.0	
26 Acetonitrile	40	1.531	1.531	0.000	82	36248	200.0	199.6	
27 3-Chloro-1-propene	76	1.537	1.537	0.000	94	38008	20.0	18.6	
28 Methyl acetate	43	1.555	1.555	0.000	96	76652	40.0	42.5	
29 Cyclopentene	67	1.580	1.580	0.000	94	128339	20.0	16.8	
30 Methylene Chloride	84	1.604	1.604	0.000	86	67593	20.0	19.5	
* 31 TBA-d9 (IS)	66	1.641	1.634	0.007	100	45979	1000.0	1000.0	
40 2-Methyl-2-propanol	59	1.689	1.683	0.006	99	55587	200.0	210.4	
32 Acrylonitrile	53	1.744	1.744	0.000	94	216134	200.0	228.8	
33 trans-1,2-Dichloroethene	96	1.763	1.756	0.007	81	70759	20.0	19.2	
34 Methyl tert-butyl ether	73	1.769	1.769	0.000	96	185575	20.0	19.8	
35 Hexane	57	1.933	1.933	0.000	90	59977	20.0	14.8	
36 1,1-Dichloroethane	63	2.013	2.012	0.001	100	117921	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
37 Vinyl acetate	86	2.061	2.061	0.000	99	28644	40.0	30.5	
38 2-Chloro-1,3-butadiene	88	2.074	2.073	0.001	68	66089	20.0	18.8	
39 Isopropyl ether	45	2.080	2.073	0.007	86	192972	20.0	22.9	
41 Tert-butyl ethyl ether	59	2.323	2.323	0.000	90	183956	20.0	19.3	
* 42 2-Butanone-d5	46	2.384	2.384	0.000	97	347957	250.0	250.0	
43 2,2-Dichloropropane	97	2.403	2.403	0.000	76	23402	20.0	16.5	
44 cis-1,2-Dichloroethene	96	2.409	2.409	0.000	97	77263	20.0	18.9	
45 2-Butanone (MEK)	43	2.433	2.427	0.006	98	127551	100.0	108.8	
46 Propionitrile	54	2.470	2.470	0.000	99	83547	200.0	242.9	
47 Ethyl acetate	70	2.488	2.488	0.000	99	13249	40.0	33.3	
55 Methyl acrylate	55	2.506	2.506	0.000	96	63101	20.0	21.9	
49 Methacrylonitrile	67	2.580	2.579	0.001	88	285722	200.0	221.6	
50 Chlorobromomethane	128	2.580	2.579	0.001	49	36930	20.0	18.7	
51 Tetrahydrofuran	72	2.622	2.622	0.000	81	18126	40.0	32.4	
52 Chloroform	83	2.653	2.646	0.007	94	126145	20.0	20.4	
$ 53 Dibromofluoromethane (Surr	113	2.775	2.768	0.007	96	173489	50.0	48.0	
54 1,1,1-Trichloroethane	97	2.781	2.781	0.000	73	101953	20.0	17.5	
56 Cyclohexane	84	2.823	2.823	0.000	87	81557	20.0	16.2	
57 Carbon tetrachloride	117	2.915	2.915	0.000	85	84611	20.0	15.5	
58 1,1-Dichloropropene	75	2.915	2.915	0.000	97	95569	20.0	19.3	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.037	3.037	0.000	96	170922	50.0	48.0	
60 Isobutyl alcohol	43	3.073	3.073	0.000	43	49935	500.0	605.3	
61 Benzene	78	3.086	3.079	0.007	96	273339	20.0	19.9	
62 1,2-Dichloroethane	62	3.104	3.104	0.000	70	81532	20.0	18.7	
63 Isooctane	57	3.177	3.171	0.006	99	105689	20.0	14.4	a
48 Isopropyl acetate	61	3.201	3.201	0.000	92	22699	20.0	23.7	
64 Tert-amyl methyl ether	73	3.214	3.207	0.007	83	178850	20.0	19.0	
* 65 Fluorobenzene	96	3.336	3.335	0.001	99	629492	50.0	50.0	
66 n-Heptane	43	3.354	3.354	0.000	53	46753	20.0	16.5	
67 Trichloroethene	95	3.671	3.671	0.000	99	77728	20.0	17.4	
68 n-Butanol	56	3.695	3.695	0.000	60	32977	500.0	506.0	
69 Ethyl acrylate	55	3.842	3.835	0.007	97	129665	20.0	17.2	
70 Methylcyclohexane	83	3.854	3.854	0.000	84	83785	20.0	15.1	
71 1,2-Dichloropropane	63	3.884	3.884	0.000	89	68366	20.0	20.9	
72 Dibromomethane	93	4.000	3.994	0.006	82	44968	20.0	18.9	
* 73 1,4-Dioxane-d8	96	4.006	4.000	0.006	27	35533	1000.0	1000.0	
74 1,4-Dioxane	88	4.055	4.055	0.000	35	15676	400.0	458.7	
75 Methyl methacrylate	100	4.067	4.067	0.000	84	36912	40.0	36.0	
76 n-Propyl acetate	43	4.152	4.152	0.000	96	76764	20.0	21.6	
77 Dichlorobromomethane	83	4.183	4.183	0.000	98	89853	20.0	18.6	
78 2-Nitropropane	41	4.439	4.439	0.000	99	20396	40.0	25.9	
79 2-Chloroethyl vinyl ether	63	4.555	4.555	0.000	93	39995	20.0	17.2	
80 Epichlorohydrin	57	4.597	4.591	0.006	99	128104	400.0	360.9	
85 cis-1,3-Dichloropropene	75	4.683	4.683	0.000	85	106503	20.0	19.9	
82 4-Methyl-2-pentanone (MIBK	43	4.902	4.902	0.000	94	274965	100.0	97.5	
$ 83 Toluene-d8 (Surr)	98	4.982	4.975	0.007	99	613592	50.0	48.8	
84 Toluene	91	5.055	5.055	0.000	93	300224	20.0	20.3	
81 trans-1,3-Dichloropropene	75	5.366	5.365	0.001	92	90730	20.0	18.1	
86 Ethyl methacrylate	69	5.555	5.554	0.001	85	75376	20.0	19.1	
87 1,1,2-Trichloroethane	83	5.573	5.573	0.000	91	52862	20.0	21.0	
88 Tetrachloroethene	166	5.719	5.719	0.000	95	70815	20.0	19.3	
89 1,3-Dichloropropane	76	5.780	5.774	0.006	89	104398	20.0	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	5.969	5.969	0.000	94	184522	100.0	95.2	
91 Chlorodibromomethane	129	6.055	6.054	0.000	95	66897	20.0	18.1	
92 Ethylene Dibromide	107	6.164	6.164	0.000	97	66984	20.0	19.8	
93 n-Butyl acetate	43	6.195	6.195	0.000	98	77469	20.0	20.9	
* 94 Chlorobenzene-d5	117	6.835	6.829	0.006	83	475093	50.0	50.0	
95 Chlorobenzene	112	6.871	6.871	0.000	95	188413	20.0	19.7	
96 1,1,1,2-Tetrachloroethane	131	7.018	7.018	0.000	96	61870	20.0	18.3	
97 Ethylbenzene	106	7.079	7.079	0.000	98	99298	20.0	19.7	
98 m-Xylene & p-Xylene	106	7.262	7.261	0.001	96	123045	20.0	20.4	
99 o-Xylene	106	7.829	7.828	0.001	94	115855	20.0	20.0	
100 Styrene	104	7.859	7.859	0.000	92	188658	20.0	19.4	
101 n-Butyl acrylate	73	7.951	7.956	-0.006	97	41331	20.0	18.4	
102 Bromoform	173	8.079	8.078	0.001	93	37166	20.0	17.0	
103 Amyl acetate (mixed isomer	43	8.347	8.347	0.000	91	81665	20.0	21.4	
104 Isopropylbenzene	105	8.432	8.432	0.000	95	290315	20.0	20.3	
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	171011	50.0	48.0	
106 Bromobenzene	156	8.792	8.792	0.000	98	69280	20.0	20.5	
107 1,1,2,2-Tetrachloroethane	83	8.950	8.950	0.000	91	75469	20.0	25.5	
108 1,2,3-Trichloropropane	110	8.956	8.956	0.000	84	22429	20.0	20.1	
109 trans-1,4-Dichloro-2-buten	53	9.048	9.048	0.000	87	17970	20.0	17.7	
110 N-Propylbenzene	91	9.084	9.084	0.000	99	337698	20.0	20.2	
111 2-Chlorotoluene	91	9.145	9.145	0.000	96	203136	20.0	21.5	
112 4-Ethyltoluene	105	9.286	9.285	0.001	98	275265	20.0	20.7	
113 4-Chlorotoluene	91	9.334	9.334	0.000	97	189287	20.0	20.8	
114 1,3,5-Trimethylbenzene	105	9.401	9.401	0.000	92	211477	20.0	19.5	
115 Butyl Methacrylate	87	9.712	9.712	0.000	87	66802	20.0	17.1	
116 tert-Butylbenzene	119	9.901	9.907	-0.006	89	180742	20.0	19.2	
117 1,2,4-Trimethylbenzene	105	9.987	9.987	0.000	98	216722	20.0	19.3	
118 sec-Butylbenzene	105	10.273	10.273	0.000	99	254577	20.0	19.7	
119 1,3-Dichlorobenzene	146	10.353	10.352	0.000	95	115794	20.0	19.9	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	97	214097	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.511	10.511	0.000	89	117611	20.0	19.6	
122 p-Diethylbenzene	119	10.554	10.554	0.000	75	206028	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	10.657	10.657	0.000	100	207451	20.0	19.7	
127 Benzyl chloride	91	10.779	10.779	0.000	98	94165	20.0	13.5	
124 2,3-Dihydroindene	117	10.932	10.932	0.000	91	207107	20.0	19.4	
125 1,2-Dichlorobenzene	146	11.096	11.096	0.000	95	108267	20.0	19.8	
126 4-Isopropyltoluene	119	11.200	11.200	0.000	75	106687	20.0	18.4	a
128 n-Butylbenzene	92	11.224	11.224	0.000	96	98634	20.0	18.4	
129 1,2-Dibromo-3-Chloropropan	75	12.157	12.157	0.000	88	9906	20.0	15.8	
130 1,2,4,5-Tetramethylbenzene	119	12.200	12.200	0.000	96	155138	20.0	17.5	
131 1,3,5-Trichlorobenzene	180	12.395	12.395	0.000	95	53291	20.0	18.2	
132 1,2,4-Trichlorobenzene	180	13.004	13.004	0.000	93	45032	20.0	17.4	
133 Hexachlorobutadiene	225	13.206	13.206	0.000	52	15370	20.0	16.1	
134 Naphthalene	128	13.212	13.212	0.000	99	146297	20.0	16.9	
135 1,2,3-Trichlorobenzene	180	13.425	13.431	-0.006	93	38403	20.0	16.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.1	
S 137 Xylenes, Total	100				0		40.0	40.4	
S 138 Total BTEX	1				0		100.0	100.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.0	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00108	Amount Added:	20.00	Units: uL	
ACROLEIN W_00099	Amount Added:	4.00	Units: uL	
GASES Li_00344	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00030	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Dec-2019 09:33:15 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26832.D

Injection Date: 03-Dec-2019 07:02:33 Instrument ID: CVOAMS15

Lims ID: LCS

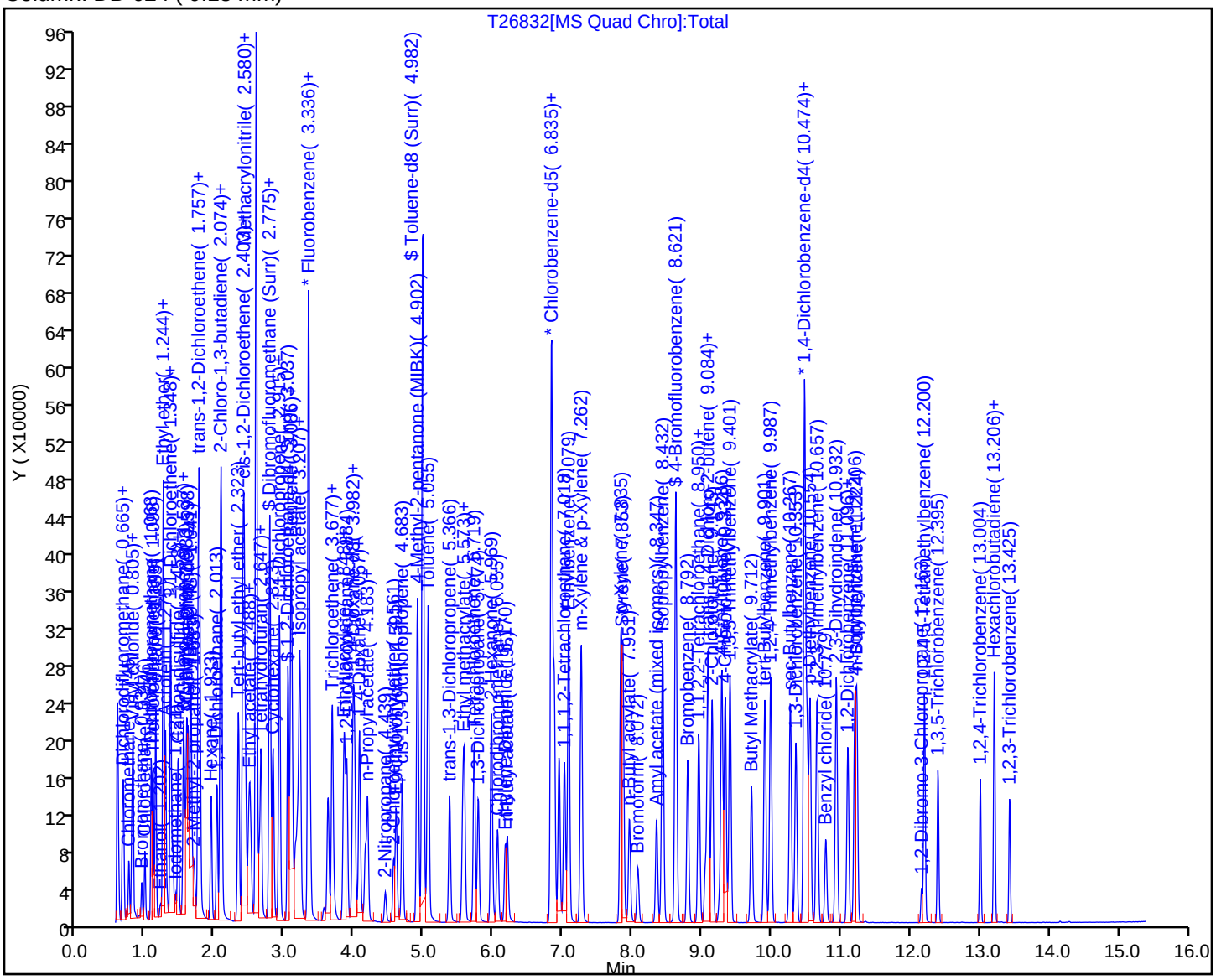
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-659639/4

Matrix: Water Lab File ID: T26833.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/03/2019 07:26

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 659639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.0		1.0	0.24
75-34-3	1,1-Dichloroethane	20.7		1.0	0.26
75-35-4	1,1-Dichloroethene	18.9		1.0	0.26
56-23-5	Carbon tetrachloride	16.1		1.0	0.21
74-87-3	Chloromethane	17.0		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.22
75-09-2	Methylene Chloride	20.2		1.0	0.32
127-18-4	Tetrachloroethene	19.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.4		1.0	0.24
79-01-6	Trichloroethene	17.1		1.0	0.31
75-01-4	Vinyl chloride	21.4		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		74-132
460-00-4	4-Bromofluorobenzene	96		77-124
1868-53-7	Dibromofluoromethane (Surr)	96		72-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26833.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 03-Dec-2019 07:26:34 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0102184-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\8260W_15.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Dec-2019 09:32:59 Calib Date: 04-Oct-2019 01:53:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS15\20191003-98692.b\T23588.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0326

First Level Reviewer: desais Date: 03-Dec-2019 09:09:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.665	0.665	0.000	88	60140	20.0	15.9	
6 Chloromethane	50	0.744	0.744	0.000	88	52827	20.0	17.0	
7 Vinyl chloride	62	0.787	0.787	0.000	98	79467	20.0	21.4	
8 Butadiene	54	0.805	0.805	0.000	94	61424	20.0	19.0	
9 Bromomethane	94	0.933	0.933	0.000	99	19953	20.0	9.02	
10 Chloroethane	64	0.976	0.976	0.000	99	48865	20.0	17.7	
11 Dichlorofluoromethane	67	1.067	1.067	0.000	99	130854	20.0	22.3	
12 Trichlorofluoromethane	101	1.098	1.092	0.006	99	104156	20.0	18.1	
13 Pentane	72	1.134	1.135	-0.001	95	14416	40.0	21.4	
14 Ethanol	45	1.201	1.196	0.005	98	12624	800.0	1173.2	
16 Ethyl ether	59	1.238	1.238	0.000	58	50975	20.0	19.9	
17 2-Methyl-1,3-butadiene	53	1.244	1.244	0.000	78	43157	20.0	15.9	
19 Acrolein	56	1.299	1.299	0.000	96	13943	40.0	63.8	
20 1,1-Dichloroethene	96	1.348	1.348	0.000	97	61563	20.0	18.9	
21 1,1,2-Trichloro-1,2,2-trif	101	1.348	1.348	0.000	66	57539	20.0	15.5	
22 Acetone	43	1.378	1.378	0.000	88	73123	100.0	90.7	
23 Iodomethane	142	1.421	1.421	0.000	98	31160	20.0	6.81	
24 Carbon disulfide	76	1.457	1.452	0.005	98	182594	20.0	17.9	
25 Isopropyl alcohol	45	1.464	1.464	0.000	37	26929	200.0	210.0	
26 Acetonitrile	40	1.531	1.531	0.000	82	36387	200.0	204.4	
27 3-Chloro-1-propene	76	1.537	1.537	0.000	93	38723	20.0	18.7	
28 Methyl acetate	43	1.555	1.555	0.000	97	76030	40.0	41.7	
29 Cyclopentene	67	1.579	1.580	-0.001	94	132680	20.0	17.1	
30 Methylene Chloride	84	1.604	1.604	0.000	86	70480	20.0	20.2	
* 31 TBA-d9 (IS)	66	1.640	1.634	0.006	100	46068	1000.0	1000.0	
40 2-Methyl-2-propanol	59	1.683	1.683	0.000	99	55463	200.0	209.5	
32 Acrylonitrile	53	1.744	1.744	0.000	94	213875	200.0	224.0	
33 trans-1,2-Dichloroethene	96	1.762	1.756	0.006	82	72179	20.0	19.4	
34 Methyl tert-butyl ether	73	1.768	1.769	-0.001	96	188409	20.0	19.9	
35 Hexane	57	1.933	1.933	0.000	90	60633	20.0	14.8	
36 1,1-Dichloroethane	63	2.012	2.012	0.000	94	118660	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
37 Vinyl acetate	86	2.061	2.061	0.000	99	28219	40.0	30.7	
38 2-Chloro-1,3-butadiene	88	2.073	2.073	0.000	67	67390	20.0	19.0	
39 Isopropyl ether	45	2.079	2.073	0.006	85	197490	20.0	23.2	
41 Tert-butyl ethyl ether	59	2.323	2.323	0.000	90	187616	20.0	19.5	
* 42 2-Butanone-d5	46	2.384	2.384	0.000	98	341014	250.0	250.0	
43 2,2-Dichloropropane	97	2.409	2.403	0.005	78	22687	20.0	15.8	
44 cis-1,2-Dichloroethene	96	2.409	2.409	-0.001	97	81837	20.0	19.8	
45 2-Butanone (MEK)	43	2.433	2.427	0.006	98	123456	100.0	107.4	
46 Propionitrile	54	2.469	2.470	-0.001	98	83458	200.0	242.2	
47 Ethyl acetate	70	2.488	2.488	0.000	99	13388	40.0	34.3	
55 Methyl acrylate	55	2.506	2.506	0.000	96	61757	20.0	21.2	
49 Methacrylonitrile	67	2.579	2.579	0.000	88	280498	200.0	215.3	
50 Chlorobromomethane	128	2.579	2.579	0.000	50	37722	20.0	18.9	
51 Tetrahydrofuran	72	2.628	2.622	0.006	82	17456	40.0	31.8	
52 Chloroform	83	2.652	2.646	0.006	100	125956	20.0	20.1	
$ 53 Dibromofluoromethane (Surr	113	2.774	2.768	0.006	95	175404	50.0	48.0	
54 1,1,1-Trichloroethane	97	2.780	2.781	-0.001	76	106194	20.0	18.0	
56 Cyclohexane	84	2.823	2.823	0.000	88	83334	20.0	16.4	
57 Carbon tetrachloride	117	2.915	2.915	-0.001	86	88688	20.0	16.1	
58 1,1-Dichloropropene	75	2.915	2.915	-0.001	97	98802	20.0	19.7	
$ 59 1,2-Dichloroethane-d4 (Sur	65	3.036	3.037	-0.001	96	171364	50.0	47.6	
60 Isobutyl alcohol	43	3.073	3.073	0.000	53	47140	500.0	570.3	
61 Benzene	78	3.085	3.079	0.006	96	280822	20.0	20.3	
62 1,2-Dichloroethane	62	3.104	3.104	0.000	74	85011	20.0	19.3	
63 Isooctane	57	3.177	3.171	0.006	99	104682	20.0	14.1	a
48 Isopropyl acetate	61	3.201	3.201	0.000	93	23091	20.0	23.8	
64 Tert-amyl methyl ether	73	3.213	3.207	0.006	83	179758	20.0	18.9	
* 65 Fluorobenzene	96	3.335	3.335	0.000	99	636252	50.0	50.0	
66 n-Heptane	43	3.360	3.354	0.006	73	42496	20.0	14.8	
67 Trichloroethene	95	3.677	3.671	0.006	95	77412	20.0	17.1	
68 n-Butanol	56	3.695	3.695	0.000	58	32569	500.0	498.7	
69 Ethyl acrylate	55	3.841	3.835	0.006	97	133692	20.0	17.6	
70 Methylcyclohexane	83	3.853	3.854	-0.001	83	84652	20.0	15.1	
71 1,2-Dichloropropane	63	3.884	3.884	0.000	89	68774	20.0	20.9	
72 Dibromomethane	93	4.000	3.994	0.006	75	44790	20.0	18.6	
* 73 1,4-Dioxane-d8	96	4.006	4.000	0.006	23	35095	1000.0	1000.0	
74 1,4-Dioxane	88	4.055	4.055	0.000	35	14592	400.0	432.3	
75 Methyl methacrylate	100	4.067	4.067	0.000	83	36896	40.0	35.6	
76 n-Propyl acetate	43	4.152	4.152	0.000	97	76031	20.0	21.1	
77 Dichlorobromomethane	83	4.183	4.183	0.000	95	90152	20.0	18.4	
78 2-Nitropropane	41	4.439	4.439	0.000	95	20454	40.0	25.7	
79 2-Chloroethyl vinyl ether	63	4.561	4.555	0.006	93	39839	20.0	16.9	
80 Epichlorohydrin	57	4.597	4.591	0.006	98	127346	400.0	366.1	
85 cis-1,3-Dichloropropene	75	4.682	4.683	-0.001	90	108547	20.0	20.1	
82 4-Methyl-2-pentanone (MIBK	43	4.902	4.902	0.000	95	273937	100.0	99.1	
$ 83 Toluene-d8 (Surr)	98	4.981	4.975	0.006	99	621041	50.0	49.0	
84 Toluene	91	5.054	5.055	-0.001	93	304111	20.0	20.4	
81 trans-1,3-Dichloropropene	75	5.365	5.365	0.000	95	91552	20.0	18.1	
86 Ethyl methacrylate	69	5.554	5.554	0.000	86	76058	20.0	19.1	
87 1,1,2-Trichloroethane	83	5.579	5.573	0.006	94	53802	20.0	21.2	
88 Tetrachloroethene	166	5.719	5.719	0.000	94	70786	20.0	19.1	
89 1,3-Dichloropropane	76	5.780	5.774	0.006	89	105184	20.0	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	5.969	5.969	0.000	94	180693	100.0	95.1	
91 Chlorodibromomethane	129	6.054	6.054	0.000	95	67591	20.0	18.1	
92 Ethylene Dibromide	107	6.164	6.164	0.000	96	67290	20.0	19.7	
93 n-Butyl acetate	43	6.194	6.195	-0.001	98	75286	20.0	20.2	
* 94 Chlorobenzene-d5	117	6.835	6.829	0.006	83	478893	50.0	50.0	
95 Chlorobenzene	112	6.871	6.871	0.000	95	191465	20.0	19.8	
96 1,1,1,2-Tetrachloroethane	131	7.017	7.018	-0.001	94	63894	20.0	18.7	
97 Ethylbenzene	106	7.078	7.079	-0.001	98	101040	20.0	19.9	
98 m-Xylene & p-Xylene	106	7.261	7.261	0.000	96	123333	20.0	20.3	
99 o-Xylene	106	7.828	7.828	0.000	93	114948	20.0	19.7	
100 Styrene	104	7.865	7.859	0.006	95	190269	20.0	19.4	
101 n-Butyl acrylate	73	7.956	7.956	0.000	97	40194	20.0	17.8	
102 Bromoform	173	8.078	8.078	0.000	91	36554	20.0	16.6	
103 Amyl acetate (mixed isomer	43	8.346	8.347	-0.001	91	83385	20.0	21.7	
104 Isopropylbenzene	105	8.432	8.432	0.000	95	294087	20.0	20.4	
$ 105 4-Bromofluorobenzene	174	8.621	8.621	0.000	0	172233	50.0	48.0	
106 Bromobenzene	156	8.798	8.792	0.006	98	70115	20.0	20.5	
107 1,1,2,2-Tetrachloroethane	83	8.950	8.950	0.000	89	76455	20.0	25.6	
108 1,2,3-Trichloropropane	110	8.956	8.956	0.000	82	22527	20.0	20.1	
109 trans-1,4-Dichloro-2-buten	53	9.048	9.048	0.000	85	18094	20.0	17.7	
110 N-Propylbenzene	91	9.084	9.084	0.000	99	354179	20.0	21.0	
111 2-Chlorotoluene	91	9.145	9.145	0.000	96	194119	20.0	20.4	
112 4-Ethyltoluene	105	9.285	9.285	0.000	98	280917	20.0	21.0	
113 4-Chlorotoluene	91	9.334	9.334	0.000	97	188194	20.0	20.5	
114 1,3,5-Trimethylbenzene	105	9.401	9.401	0.000	92	214868	20.0	19.6	
115 Butyl Methacrylate	87	9.712	9.712	0.000	86	68907	20.0	17.5	
116 tert-Butylbenzene	119	9.907	9.907	0.000	94	182441	20.0	19.2	
117 1,2,4-Trimethylbenzene	105	9.986	9.987	-0.001	98	217043	20.0	19.2	
118 sec-Butylbenzene	105	10.273	10.273	0.000	99	258188	20.0	19.8	
119 1,3-Dichlorobenzene	146	10.352	10.352	0.000	95	116474	20.0	19.9	
* 120 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	96	215680	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.511	10.511	0.000	90	119925	20.0	19.9	
122 p-Diethylbenzene	119	10.553	10.554	-0.001	75	208632	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	10.657	10.657	0.000	99	207668	20.0	19.6	
127 Benzyl chloride	91	10.779	10.779	0.000	98	94426	20.0	13.5	
124 2,3-Dihydroindene	117	10.931	10.932	-0.001	90	207915	20.0	19.4	
125 1,2-Dichlorobenzene	146	11.096	11.096	0.000	94	108979	20.0	19.7	
126 4-Isopropyltoluene	119	11.200	11.200	0.000	76	108457	20.0	18.5	a
128 n-Butylbenzene	92	11.230	11.224	0.006	96	100075	20.0	18.5	
129 1,2-Dibromo-3-Chloropropan	75	12.163	12.157	0.006	91	10209	20.0	16.2	
130 1,2,4,5-Tetramethylbenzene	119	12.199	12.200	-0.001	96	158715	20.0	17.8	
131 1,3,5-Trichlorobenzene	180	12.394	12.395	-0.001	96	54283	20.0	18.4	
132 1,2,4-Trichlorobenzene	180	13.004	13.004	0.000	91	46031	20.0	17.7	
133 Hexachlorobutadiene	225	13.205	13.206	-0.001	53	15968	20.0	16.6	
134 Naphthalene	128	13.211	13.212	-0.001	99	146319	20.0	16.8	
135 1,2,3-Trichlorobenzene	180	13.431	13.431	0.000	94	38390	20.0	16.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.2	
S 137 Xylenes, Total	100				0		40.0	40.0	
S 138 Total BTEX	1				0		100.0	100.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.2	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00108	Amount Added:	20.00	Units: uL	
ACROLEIN W_00099	Amount Added:	4.00	Units: uL	
GASES Li_00344	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00030	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Dec-2019 09:33:27 Chrom Revision: 2.3 09-Oct-2019 11:13:36

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS15\20191203-102184.b\T26833.D

Injection Date: 03-Dec-2019 07:26:34 Instrument ID: CVOAMS15

Lims ID: LCSD

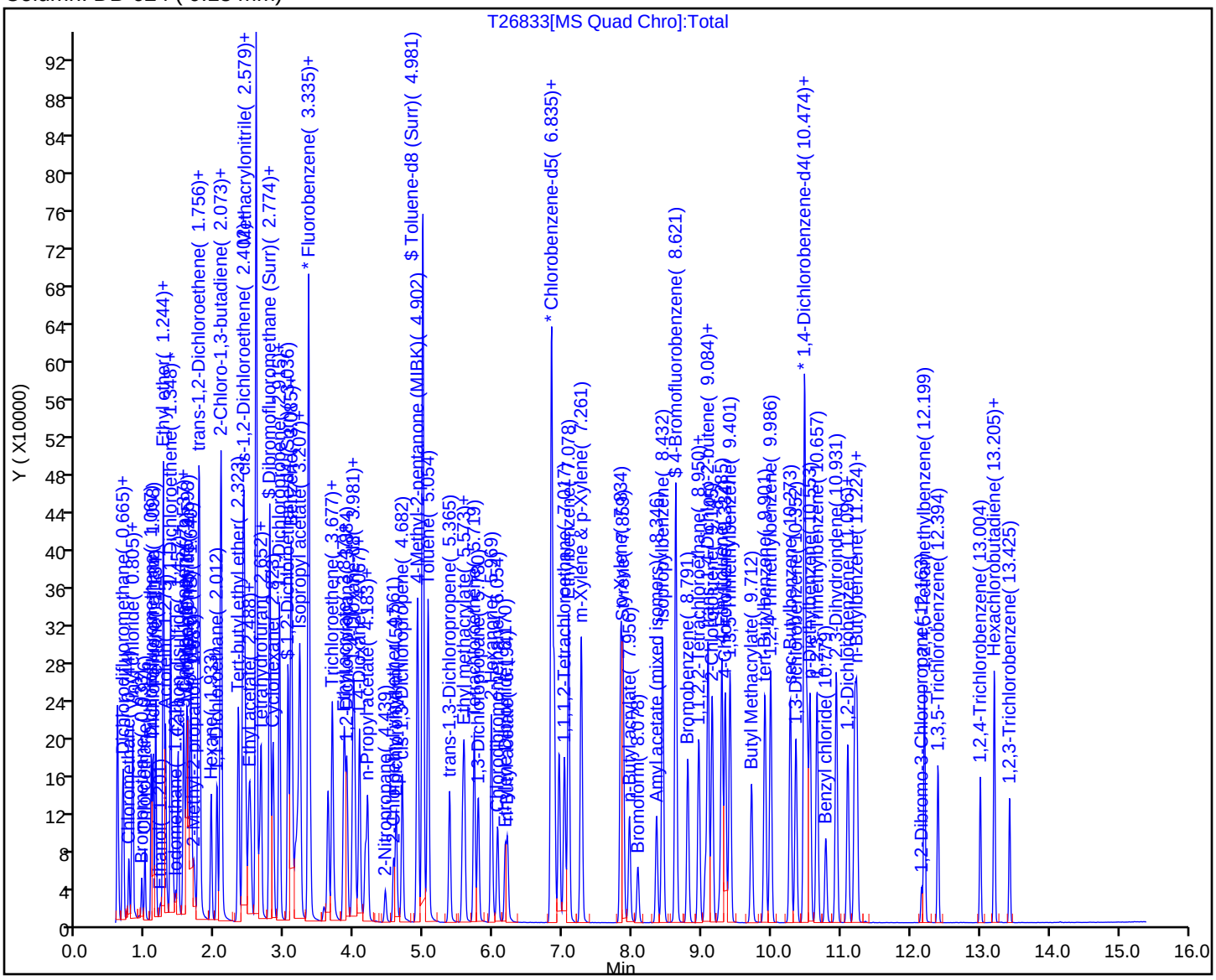
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 10/03/2019 21:27

Analysis Batch Number: 644351 End Date: 10/04/2019 08:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-644351/1		10/03/2019 21:27	1	T23579.D	DB-624 0.18(mm)
STD8 460-644351/3 IC		10/03/2019 22:42	1	T23581.D	DB-624 0.18(mm)
STD05 460-644351/4 IC		10/03/2019 23:06	1	T23582.D	DB-624 0.18(mm)
STD1 460-644351/5 IC		10/03/2019 23:30	1	T23583.D	DB-624 0.18(mm)
STD5 460-644351/6 IC		10/03/2019 23:55	1	T23584.D	DB-624 0.18(mm)
STD20 460-644351/7 ICIS		10/04/2019 00:19	1	T23585.D	DB-624 0.18(mm)
STD50 460-644351/8 IC		10/04/2019 00:43	1	T23586.D	DB-624 0.18(mm)
STD200 460-644351/9 IC		10/04/2019 01:29	1	T23587.D	DB-624 0.18(mm)
STD500 460-644351/10 IC		10/04/2019 01:53	1	T23588.D	DB-624 0.18(mm)
ZZZZZ		10/04/2019 05:22	1		DB-624 0.18(mm)
ICV 460-644351/1015		10/04/2019 05:22	1		DB-624 0.18(mm)
ZZZZZ		10/04/2019 06:52	1		DB-624 0.18(mm)
ZZZZZ		10/04/2019 07:46	1		DB-624 0.18(mm)
ZZZZZ		10/04/2019 08:11	1		DB-624 0.18(mm)
ZZZZZ		10/04/2019 08:35	10		DB-624 0.18(mm)
ZZZZZ		10/04/2019 08:59	10		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 12/03/2019 06:15

Analysis Batch Number: 659639 End Date: 12/03/2019 15:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-659639/1		12/03/2019 06:15	1	T26830.D	DB-624 0.18(mm)
CCVIS 460-659639/2		12/03/2019 06:38	1	T26831.D	DB-624 0.18(mm)
LCS 460-659639/3		12/03/2019 07:02	1	T26832.D	DB-624 0.18(mm)
LCSD 460-659639/4		12/03/2019 07:26	1	T26833.D	DB-624 0.18(mm)
MB 460-659639/7		12/03/2019 08:38	1	T26836.D	DB-624 0.18(mm)
ZZZZZ		12/03/2019 09:02	1		DB-624 0.18(mm)
ZZZZZ		12/03/2019 09:27	1		DB-624 0.18(mm)
ZZZZZ		12/03/2019 09:51	1		DB-624 0.18(mm)
460-197839-1		12/03/2019 10:15	1	T26840.D	DB-624 0.18(mm)
460-197839-2		12/03/2019 10:39	1	T26841.D	DB-624 0.18(mm)
460-197839-3		12/03/2019 11:27	1	T26843.D	DB-624 0.18(mm)
460-197839-4		12/03/2019 11:51	1	T26844.D	DB-624 0.18(mm)
460-197839-5		12/03/2019 12:15	1	T26845.D	DB-624 0.18(mm)
ZZZZZ		12/03/2019 12:39	1		DB-624 0.18(mm)
ZZZZZ		12/03/2019 13:03	1		DB-624 0.18(mm)
ZZZZZ		12/03/2019 13:27	1		DB-624 0.18(mm)
ZZZZZ		12/03/2019 13:51	1		DB-624 0.18(mm)
ZZZZZ		12/03/2019 14:15	1		DB-624 0.18(mm)
ZZZZZ		12/03/2019 14:39	1		DB-624 0.18(mm)
ZZZZZ		12/03/2019 15:03	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Batch Number: 659639 Batch Start Date: 12/03/19 06:15 Batch Analyst: Desai, Saurab

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260MIX1COMB 00108	ACROLEIN W 00099	BFB 00024	GASES Li 00344
BFB 460-659639/1		8260C		5 mL	5 mL			1 uL	
CCVIS 460-659639/2		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
LCS 460-659639/3		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
LCSD 460-659639/4		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
MB 460-659639/7		8260C		5 mL	5 mL				
460-197839-B-1	K710-EB-12022019	8260C	T	5 mL	5 mL				
460-197839-B-2	K710-TB-12022019	8260C	T	5 mL	5 mL				
460-197839-C-3	K710-MW-1	8260C	T	5 mL	5 mL				
460-197839-C-4	K710-MW-2	8260C	T	5 mL	5 mL				
460-197839-C-5	K710-DUP-12022019	8260C	T	5 mL	5 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00030					
BFB 460-659639/1		8260C							
CCVIS 460-659639/2		8260C		5 uL					
LCS 460-659639/3		8260C		5 uL					
LCSD 460-659639/4		8260C		5 uL					
MB 460-659639/7		8260C		5 uL					
460-197839-B-1	K710-EB-12022019	8260C	T	5 uL					
460-197839-B-2	K710-TB-12022019	8260C	T	5 uL					
460-197839-C-3	K710-MW-1	8260C	T	5 uL					
460-197839-C-4	K710-MW-2	8260C	T	5 uL					
460-197839-C-5	K710-DUP-12022019	8260C	T	5 uL					

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.: 460-197839-1

SDG No.:

Batch Number: 659639 Batch Start Date: 12/03/19 06:15 Batch Analyst: Desai, Saurab

Batch 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.

Shipping and Receiving Documents

Chain of Custody Record

367608

eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ [illegible] ☒ Other: NYSDEC ASP Cat B EQuIS EDD

TAL-8210

Client Contact	Project Manager: Lindsay O'Hara	Site Co: JTSO	Date: 12/2/19	COC No: 367608
Company Name: TRC Engineers	Tel/Email: lohara@trcompanies.com	Lab Co: M. Haas	Carrier:	_____ of _____ COCs
Address: 1430 Broadway 10th Floor	Analysis Turnaround Time			Sampler:
City/State/Zip: New York, NY 10018	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 917-809-9372	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: K710-168 8th St Brooklyn, NY	☐ 1 week			
Site: K710	☒ 2 days			Job / SDG No.: 197839
PO # 330553 NYCSCA	☐ 1 day			

2-Day RUSH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Chlorinated VOCs *	Sample Specific Notes:
K710-EB-12022019	12/2/19	0925	G	AQ	2	N		X	Listed CVOCs 1
K710-TB-12022019		0800			2	N		X	2
K710-MW-1		1247			3	N		X	3
K710-MW-2		1026			3	N		X	4
K710-DUP-12022019		1026			3	N		X	5

460-197839 Chain of Custody

Page 362 of 364

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: methylene chloride vinyl chloride chloromethane 1,1-dichloroethane trans-1,2-dichloroethene NYCSCA Project * trichloroethene cis-1,2-dichloroethene 1,1-dichloroethene carbon tetrachloride tetrachloroethene 1,1,1-trichloroethane

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TRC	12/2/19 13:34		T.A	12/2/19 13:34
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	T.A 12/2/19	19:20		TAEL	12/2/19 1920
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

cc jtso@trcompanies.com 2.5/2.8 INIT

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 197839

Number of Coolers: 1 IR Gun # 11

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.3 °C	2.8 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

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

EDS-WI-038, Rev 4.1
10/22/2019

Initials: _____ Date: 12/2/19

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 460-197839-1

Login Number: 197839
List Number: 1
Creator: DiGuardia, Joseph L

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT G

DATA USABILITY SUMMARY REPORTS (DUSRs)

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
168 8th STREET, BROOKLYN, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-178001-1
Laboratory: Test America, Edison, New Jersey
Site: 168 8th Street, Brooklyn, New York
Date: April 6, 2019

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	K710-MW-2	460-178001-1	Water
2	K710-MW-1	460-178001-2	Water
3	K710-DUP-03252019	460-178001-3	Water
4	K710-EB-03252019	460-178001-4	Water
5	K710-TB-03252019	460-178001-5	Water

A Data Usability Summary Review was performed on the analytical data for three water samples, one aqueous equipment blank sample, and one aqueous trip blank sample collected on March 25, 2019 by TRC at the 168 8th Street site in Brooklyn, New York. The samples were analyzed under the *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260C

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 0, July 2015: Low/Medium Volatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries

- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

Overall the data is acceptable for the intended purposes. There were no qualifications.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- All percent difference (%D) and mean RRF criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. mg/kg	Qualifier	Affected Samples
K710-EB-03252019	None - ND	-	-	-
K710-TB-03252019	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- All LCS percent recoveries (%R) criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were not reported.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	K710-MW-2 ug/L	K710-DUP-03252019 ug/L	RPD	Qualifier
Tetrachloroethene	1.0	1.1	10%	None
Trichloroethene	2.2	2.4	9%	

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 4/8/19

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-178001-1

SDG No.:

Client Sample ID: K710-MW-2 | Lab Sample ID: 460-178001-1

Matrix: Water | Lab File ID: F78406.D

Analysis Method: 8260C | Date Collected: 03/25/2019 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 03/29/2019 04:18

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.: 598754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	2.2		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	100		77-124
1868-53-7	Dibromofluoromethane (Surr)	107		72-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

MW 4/6/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-178001-1
SDG No.:
Client Sample ID: K710-MW-1 Lab Sample ID: 460-178001-2
Matrix: Water Lab File ID: F78407.D
Analysis Method: 8260C Date Collected: 03/25/2019 11:50
Sample wt/vol: 5(mL) Date Analyzed: 03/29/2019 04:42
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.: 598754 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.36	J	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.3		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.9		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		74-132
460-00-4	4-Bromofluorobenzene	108		77-124
1868-53-7	Dibromofluoromethane (Surr)	106		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

NW 4/6/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-178001-1
SDG No.:
Client Sample ID: K710-DUP-03252019 | Lab Sample ID: 460-178001-3
Matrix: Water | Lab File ID: F78408.D
Analysis Method: 8260C | Date Collected: 03/25/2019 11:10
Sample wt/vol: 5(mL) | Date Analyzed: 03/29/2019 05:07
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 598754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	2.4		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	103		77-124
1868-53-7	Dibromofluoromethane (Surr)	108		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

NW 4/6/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-178001-1
SDG No.:
Client Sample ID: K710-EB-03252019 | Lab Sample ID: 460-178001-4
Matrix: Water | Lab File ID: F78409.D
Analysis Method: 8260C | Date Collected: 03/25/2019 10:35
Sample wt/vol: 5(mL) | Date Analyzed: 03/29/2019 05:31
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.: 598754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	99		77-124
1868-53-7	Dibromofluoromethane (Surr)	107		72-131
2037-26-5	Toluene-d8 (Surr)	94		80-120

NW 4/6/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-178001-1
SDG No.:
Client Sample ID: K710-TB-03252019 Lab Sample ID: 460-178001-5
Matrix: Water Lab File ID: F78410.D
Analysis Method: 8260C Date Collected: 03/25/2019 00:00
Sample wt/vol: 5(mL) Date Analyzed: 03/29/2019 05:56
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 598754 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	101		77-124
1868-53-7	Dibromofluoromethane (Surr)	105		72-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

NW 4/6/19

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
168 8th STREET, BROOKLYN, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-183658-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: 168 8th Street, Brooklyn, New York
Date: June 25, 2019

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	K710-MW-1	460-183658-1	Water
2	K710-DUP-06052019	460-183658-2	Water
3	K710-MW-2	460-183658-3	Water
4	K710-EB-06052019	460-183658-4	Water
5	K710-TB-06052019	460-183658-5	Water

A Data Usability Summary Review was performed on the analytical data for three water samples, one aqueous equipment blank sample, and one aqueous trip blank sample collected on June 5, 2019 by TRC at the 168 8th Street site in Brooklyn, New York. The samples were analyzed under the *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"*.

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260C

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 0, July 2015: Low/Medium Volatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries

- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

Overall the data is acceptable for the intended purposes. There were no qualifications.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- All percent difference (%D) and mean RRF criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. mg/L	Qualifier	Affected Samples
K710-EB-06052019	Methylene Chloride	0.43	None	All Associated-ND
K710-TB-06052019	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- All LCS percent recoveries (%R) criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were not reported.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	K710-MW-1 ug/L	K710-DUP-06052019 ug/L	RPD	Qualifier
cis-1,2-Dichloroethane	0.32	0.37	14%	None
Tetrachloroethane	1.1	1.1	0%	
Trichloroethane	1.4	1.6	13%	

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 6/27/19

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1
SDG No.:
Client Sample ID: K710-MW-1 Lab Sample ID: 460-183658-1
Matrix: Water Lab File ID: N92207.D
Analysis Method: 8260C Date Collected: 06/05/2019 14:40
Sample wt/vol: 5(mL) Date Analyzed: 06/09/2019 19:32
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.: 616070 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.32	J	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.4		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		74-132
460-00-4	4-Bromofluorobenzene	91		77-124
1868-53-7	Dibromofluoromethane (Surr)	94		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

MT 6/25/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1
SDG No.:
Client Sample ID: K710-DUP-06052019 Lab Sample ID: 460-183658-2
Matrix: Water Lab File ID: N92208.D
Analysis Method: 8260C Date Collected: 06/05/2019 15:40
Sample wt/vol: 5(mL) Date Analyzed: 06/09/2019 19:54
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.: 616070 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.37	J	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.6		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	90		77-124
1868-53-7	Dibromofluoromethane (Surr)	94		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

MF 6/26/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1
SDG No.:
Client Sample ID: K710-MW-2 Lab Sample ID: 460-183658-3
Matrix: Water Lab File ID: N92209.D
Analysis Method: 8260C Date Collected: 06/05/2019 13:00
Sample wt/vol: 5(mL) Date Analyzed: 06/09/2019 20:16
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 616070 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.7		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	91		77-124
1868-53-7	Dibromofluoromethane (Surr)	95		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

MT 6/25/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1
SDG No.:
Client Sample ID: K710-EB-06052019 Lab Sample ID: 460-183658-4
Matrix: Water Lab File ID: N92200.D
Analysis Method: 8260C Date Collected: 06/05/2019 10:50
Sample wt/vol: 5(mL) Date Analyzed: 06/09/2019 16:56
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 616070 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	0.43	J	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		74-132
460-00-4	4-Bromofluorobenzene	96		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	109		80-120

MT 6/26/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-183658-1
SDG No.:
Client Sample ID: K710-TB-06052019 Lab Sample ID: 460-183658-5
Matrix: Water Lab File ID: N92202.D
Analysis Method: 8260C Date Collected: 06/05/2019 00:00
Sample wt/vol: 5(mL) Date Analyzed: 06/09/2019 17:40
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 616070 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	90		77-124
1868-53-7	Dibromofluoromethane (Surr)	93		72-131
2037-26-5	Toluene-d8 (Surr)	111		80-120

MT 6/25/19

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
168 8th STREET, BROOKLYN, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-190672-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: 168 8th Street, Brooklyn, New York
Date: September 19, 2019

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	K710-EB-09062019	460-190672-1	Water
2	K710-TB-09062019	460-190672-2	Water
3	K710-MW-1	460-190672-3	Water
4	K710-DUP-09062019	460-190672-4	Water
5	K710-MW-2	460-190672-5	Water

A Data Usability Summary Review was performed on the analytical data for three water samples, one aqueous equipment blank sample, and one aqueous trip blank sample collected on September 6, 2019 by TRC at the 168 8th Street site in Brooklyn, New York. The samples were analyzed under the *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"*.

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260C

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries

- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

Overall the data is acceptable for the intended purposes. There were no qualifications.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- All percent difference (%D) and mean RRF criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. mg/L	Qualifier	Affected Samples
K710-EB-09062019	None - ND	-	-	-
K710-TB-09062019	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- All LCS percent recoveries (%R) criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were not reported.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	K710-MW-1 ug/L	K710-DUP-09062019 ug/L	RPD	Qualifier
Tetrachloroethene	0.95	1.1	15%	None
Trichloroethene	0.84	0.86	2%	

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 9/20/19

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1

SDG No.:

Client Sample ID: K710-EB-09062019 Lab Sample ID: 460-190672-1

Matrix: Water Lab File ID: U11676.D

Analysis Method: 8260C Date Collected: 09/06/2019 09:45

Sample wt/vol: 5(mL) Date Analyzed: 09/11/2019 14:23

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 638407 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		74-132
460-00-4	4-Bromofluorobenzene	104		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

MT 9/19/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1
SDG No.:
Client Sample ID: K710-TB-09062019 Lab Sample ID: 460-190672-2
Matrix: Water Lab File ID: U11675.D
Analysis Method: 8260C Date Collected: 09/06/2019 00:00
Sample wt/vol: 5(mL) Date Analyzed: 09/11/2019 13:57
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 638407 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		74-132
460-00-4	4-Bromofluorobenzene	103		77-124
1868-53-7	Dibromofluoromethane (Surr)	101		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

MT 9/19/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1
SDG No.:
Client Sample ID: K710-MW-1 Lab Sample ID: 460-190672-3
Matrix: Water Lab File ID: U11677.D
Analysis Method: 8260C Date Collected: 09/06/2019 10:20
Sample wt/vol: 5(mL) Date Analyzed: 09/11/2019 14:48
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 638407 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	0.95	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	0.84	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		74-132
460-00-4	4-Bromofluorobenzene	104		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

MT 9/19/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1
SDG No.:
Client Sample ID: K710-DUP-09062019 Lab Sample ID: 460-190672-4
Matrix: Water Lab File ID: U11678.D
Analysis Method: 8260C Date Collected: 09/06/2019 11:20
Sample wt/vol: 5(mL) Date Analyzed: 09/11/2019 15:14
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 638407 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	0.86	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		74-132
460-00-4	4-Bromofluorobenzene	109		77-124
1868-53-7	Dibromofluoromethane (Surr)	106		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

MT 9/19/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-190672-1
SDG No.:
Client Sample ID: K710-MW-2 Lab Sample ID: 460-190672-5
Matrix: Water Lab File ID: U11679.D
Analysis Method: 8260C Date Collected: 09/06/2019 12:20
Sample wt/vol: 5(mL) Date Analyzed: 09/11/2019 15:40
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 638407 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.1		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.7		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		74-132
460-00-4	4-Bromofluorobenzene	102		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
168 8th STREET, BROOKLYN, NEW YORK

Client: TRC Engineering, Inc., New York, New York
SDG: 460-197839-1
Laboratory: Eurofins Test America, Edison, New Jersey
Site: 168 8th Street, Brooklyn, New York
Date: December 11, 2019

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	K710-EB-12022019	460-197839-1	Water
2	K710-TB-12022019	460-197839-2	Water
3	K710-MW-1	460-197839-3	Water
4	K710-MW-2	460-197839-4	Water
5	K710-DUP-12022019	460-197839-5	Water

A Data Usability Summary Review was performed on the analytical data for three water samples, one aqueous equipment blank sample, and one aqueous trip blank sample collected on December 2, 2019 by TRC at the 168 8th Street site in Brooklyn, New York. The samples were analyzed under the *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"*.

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260C

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries

- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

Overall the data is acceptable for the intended purposes. There were no qualifications.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and/or correlation coefficients and mean RRF criteria were met.

Continuing Calibration

- All percent difference (%D) and mean RRF criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
K710-EB-12022019	None - ND	-	-	-
K710-TB-12022019	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- All LCS percent recoveries (%R) criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were not reported.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	K710-MW-2 ug/L	K710-DUP-12022019 ug/L	RPD	Qualifier
Tetrachloroethene	0.95	0.98	3%	None
Trichloroethene	1.8	1.7	6%	

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 12/11/19

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1
SDG No.:
Client Sample ID: K710-EB-12022019 Lab Sample ID: 460-197839-1
Matrix: Water Lab File ID: T26840.D
Analysis Method: 8260C Date Collected: 12/02/2019 09:25
Sample wt/vol: 5(mL) Date Analyzed: 12/03/2019 10:15
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 659639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	95		72-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1
SDG No.:
Client Sample ID: K710-TB-12022019 Lab Sample ID: 460-197839-2
Matrix: Water Lab File ID: T26841.D
Analysis Method: 8260C Date Collected: 12/02/2019 08:00
Sample wt/vol: 5(mL) Date Analyzed: 12/03/2019 10:39
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 659639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	97		77-124
1868-53-7	Dibromofluoromethane (Surr)	96		72-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

MW 12/11/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

3

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Client Sample ID: K710-MW-1 Lab Sample ID: 460-197839-3

Matrix: Water Lab File ID: T26843.D

Analysis Method: 8260C Date Collected: 12/02/2019 12:47

Sample wt/vol: 5(mL) Date Analyzed: 12/03/2019 11:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 659639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	0.88	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	0.98	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	96		77-124
1868-53-7	Dibromofluoromethane (Surr)	93		72-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

4

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Client Sample ID: K710-MW-2 Lab Sample ID: 460-197839-4

Matrix: Water Lab File ID: T26844.D

Analysis Method: 8260C Date Collected: 12/02/2019 10:26

Sample wt/vol: 5(mL) Date Analyzed: 12/03/2019 11:51

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 659639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	0.95	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.8		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	96		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

MW 12/11/19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

5

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-197839-1

SDG No.:

Client Sample ID: K710-DUP-12022019 Lab Sample ID: 460-197839-5

Matrix: Water Lab File ID: T26845.D

Analysis Method: 8260C Date Collected: 12/02/2019 10:26

Sample wt/vol: 5(mL) Date Analyzed: 12/03/2019 12:15

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 659639 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
127-18-4	Tetrachloroethene	0.98	J	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.7		1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		74-132
460-00-4	4-Bromofluorobenzene	97		77-124
1868-53-7	Dibromofluoromethane (Surr)	94		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120