

**October 2024 Groundwater / March 2025 SVI
Report**

Former RKO Dry Cleaners, Site No. 401065

566 Washington Ave, Albany, NY

June 3, 2025

**Prepared by the New York State Department of
Environmental Conservation**



**Department of
Environmental
Conservation**

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Introduction

Groundwater at the RKO Dry Cleaners Site in Albany, NY was sampled by DEC staff on October 30, 2024. An off-site soil vapor intrusion evaluation was also performed on February 27, 2025. This report outlines sampling and analysis methods, tabulates the October 2024 data in comparison with historical data trends, and includes graphs and figures to present and analyze the data.

Well Gauging and Groundwater Sampling Collection

All seven existing monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6R, and MW-8) were gauged to determine depth to groundwater, depth to well bottoms, and groundwater elevations (See Table 1). The groundwater elevations ranged from approximately 207 to 215 feet above mean sea level (AMSL) and the eastern groundwater gradient historically identified at the site was confirmed.

All seven wells were purged with a peristaltic pump while groundwater parameters (ORP, DO, pH, conductivity, turbidity, and temperature) were logged with a Horiba U-52 multiparameter meter and flow through cell. Groundwater quality parameters were logged in 5-minute intervals until all parameters stabilized in accordance with EPA low flow sampling procedures. After stabilization, the inlet tubing from the flow through cell was removed to fill the dedicated sample vials. See Table 2 for the October 2024 data groundwater quality parameters compared with more recent historical groundwater quality parameters. Four pH readings (MW-2, MW-3, MW-6R, MW-8) from the October event were flagged as inaccurate. It was determined during sampling that one of the multiparameter meters was not calibrated properly due to inconsistent fluctuating readings.

Dedicated sample tubing was used for each well and left inside each well for use during future sampling events. Tubing in MW-6R was replaced. Samples were dropped off at Pace Analytical's drop off location in Albany, NY following completion of sampling activities.

Soil Vapor Intrusion Sampling

An SVI evaluation was performed on February 27 to 28, 2025 to compare prior results from 2012, 2013, and 2016. A sub-slab depressurization system (SSDS) was installed at one structure/property in 2013, and the 2016 SVI evaluation demonstrated that the SSDS had effectively mitigated two properties based on observed sub-slab vapor concentration trends from 2012/2013 to 2016. The most recent February 2025 sampling was performed to determine if concentrations changed or if additional action beyond monitoring is warranted.

One sub-slab, two indoor air, and one outdoor air sample were collected at one property without an SSDS as part of the February 2025 event. The initial sub-slab sample location was abandoned due to clayey soils and apparent poor communication with soils beneath the slab. The subsequently selected sub-slab sample location also had

issues with poor communication, with only 8.6 inches of mercury lost after the 24-hour sample duration. The poor communication may have also been a result of some flooding that occurred overnight in the basement (see Appendix B for sampling forms, building questionnaire, and photos). Both holes drilled into the basement slab were filled with hydraulic cement following sample retrieval on February 28, 2025. Air samples were dropped off at Pace Analytical's drop off location in Albany, NY.

Groundwater Results

MW-5 (off-site): The highest concentrations of chlorinated solvents detected in October 2024 were located off-site and side gradient in the adjacent sidewalk along Ontario Street in monitoring well MW-5 as follows:

- Total chlorinated volatile organic compounds (CVOCs) at 232 parts per billion (ppb)
- Tetrachloroethene (PCE) detected at 232 ppb (standard is 5 ppb)
- Trichloroethene (TCE) at 31 ppb (standard is 5 ppb)
- Cis-1,2-dichloroethene (cis-1,2-DCE) at 43 ppb (standard is 5 ppb)
- Vinyl chloride at 17 ppb (standard is 2 ppb).

The October 2024 total CVOc concentrations in MW-5 were a notable increase from the prior May 2024 sampling event (94 ppb total CVOcs) and represent a historical high for this well.

MW 6R (on-site): The groundwater concentrations on-site and immediately downgradient of the excavated source area at MW-6R were consistent with the previous sampling event with total CVOcs detected at 136 ppb and 137 ppb in October and May 2024, respectively. This is marked a decrease from historical concentrations which detected PCE up to 9,600 ppb and TCE up to 85 ppb in 2016 in this area¹ (see Appendix A for historical groundwater trends).

MW-3 and MW-4 (on-site): On-site and upgradient well MW-3 had a nominal increase (total CVOcs 36 ppb in October versus 31 ppb in May 2024) while on-site well MW-4, which is side-gradient to the source area, had a slight decrease in CVOc concentrations (total CVOcs 89 ppb in October versus 117 ppb in May 2024). MW-3 has historically decreased from its maximum total CVOc concentration of 584 ppb occurring in 2012 while MW-4 has fluctuated over time with the maximum concentration occurring in September 2019 (231 ppb).

MW 2 and MW-8 (off-site): Located downgradient from the excavated source area and off-site in the sidewalk adjacent to Washington Avenue, MW-2 detected only PCE above Class GA standards at 10 ppb (standard 5 ppb). There were no detections at MW-8, which is located further downgradient in the sidewalk. MW-2 has remained relatively consistent over time, with PCE ranging from 8.6 ppb to 21 ppb, as has MW-8 except for a one-time detection of PCE at 25 ppb in May 2024.

¹ MW-6 was historically located in the source area, adjacent to the former basement which was filled in in 2012. After the source area was excavated in 2018, MW-6R was installed 20 feet downgradient of MW-6.

Please see Table 3 for tabulation of the October 2024 groundwater results, Appendix B for field notes and purge logs, and Appendix C for the laboratory report. Figure 2 displays the concentrations of chlorinated solvents detected at each well.

Soil Vapor Intrusion Results

The February 2025 SVI sampling detected PCE, TCE, and vinyl chloride (VC) in sub-slab vapor at concentrations of 2.40 µg/m³, 0.58 µg/m³, and 0.23 µg/m³, respectively. However, due to the observed flooding that happened overnight and small amount of vacuum loss, this sample may not be representative of actual conditions. PCE, TCE, and VC were detected in the co-located basement indoor air sample at concentrations of 2.37 µg/m³, 0.79 µg/m³, and 0.29 µg/m³, respectively. Access to the 1st floor was unavailable and a second indoor air sample was collected in the stairwell outside of a 1st floor doorway. In this location, PCE, TCE, and VC were detected at concentrations of 1.02 µg/m³, 0.32 µg/m³, and 0.13 µg/m³, respectively. Tabulation of the February 2025 SVI results are included in Table 4. When compared to the NYSDOH Soil Vapor/Indoor Air matrices (May 2017), the co-located results were all No Further Action. See Appendix B for sampling forms, field logs, photos, and the SVI questionnaire and building inventory form, and Appendix C for the laboratory report.

Data Usability

A cursory review of the data was performed by a DEC Chemist and both the groundwater and SVI data from these events has been determined to be useable. Some samples from the October 2024 groundwater sampling reported analytes as non-detect but were identified as biased low as noted below:

MW-5:

- DBCP – analyte was ND but biased low
- Naphthalene - ND but biased low
- 1,2,3-Trichlorobenzene - ND but biased low
- 1,2,4-Trichlorobenzene - ND but biased low

MW-6R:

- DBCP - ND but biased low
- Naphthalene - ND but biased low

MW-8:

- DBCP - ND but biased low
- Naphthalene - ND but biased low

DUP:

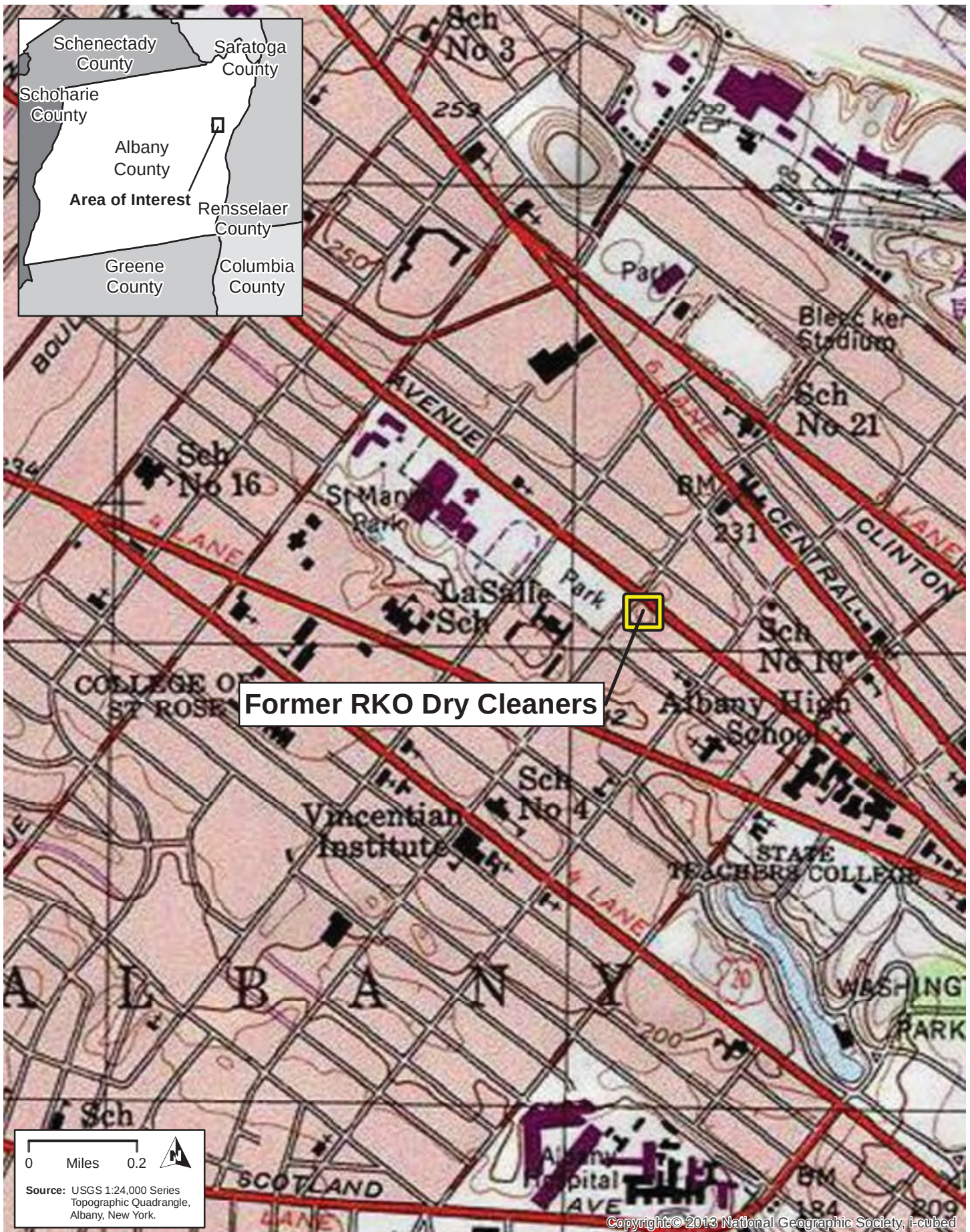
- DBCP - ND but biased low
- Naphthalene - ND but biased low

Following review of the SVI data, chloromethane was identified having a low bias across all samples. Bromoform was also noted to have a high bias, but this analyte was not detected.

Recommendations

Based on the limited reductions of chlorinated solvent concentrations over the last three years, a semi-annual sampling event is being targeted to determine if additional actions, beyond monitoring, are warranted.

The SVI evaluation performed in March 2025 did not identify the need for additional action beyond maintaining the existing SSDS and performing appropriate indoor air monitoring.



SITE LOCATION MAP

FORMER RKO DRY CLEANERS (NYSDEC SITE #401065)

FIGURE 1

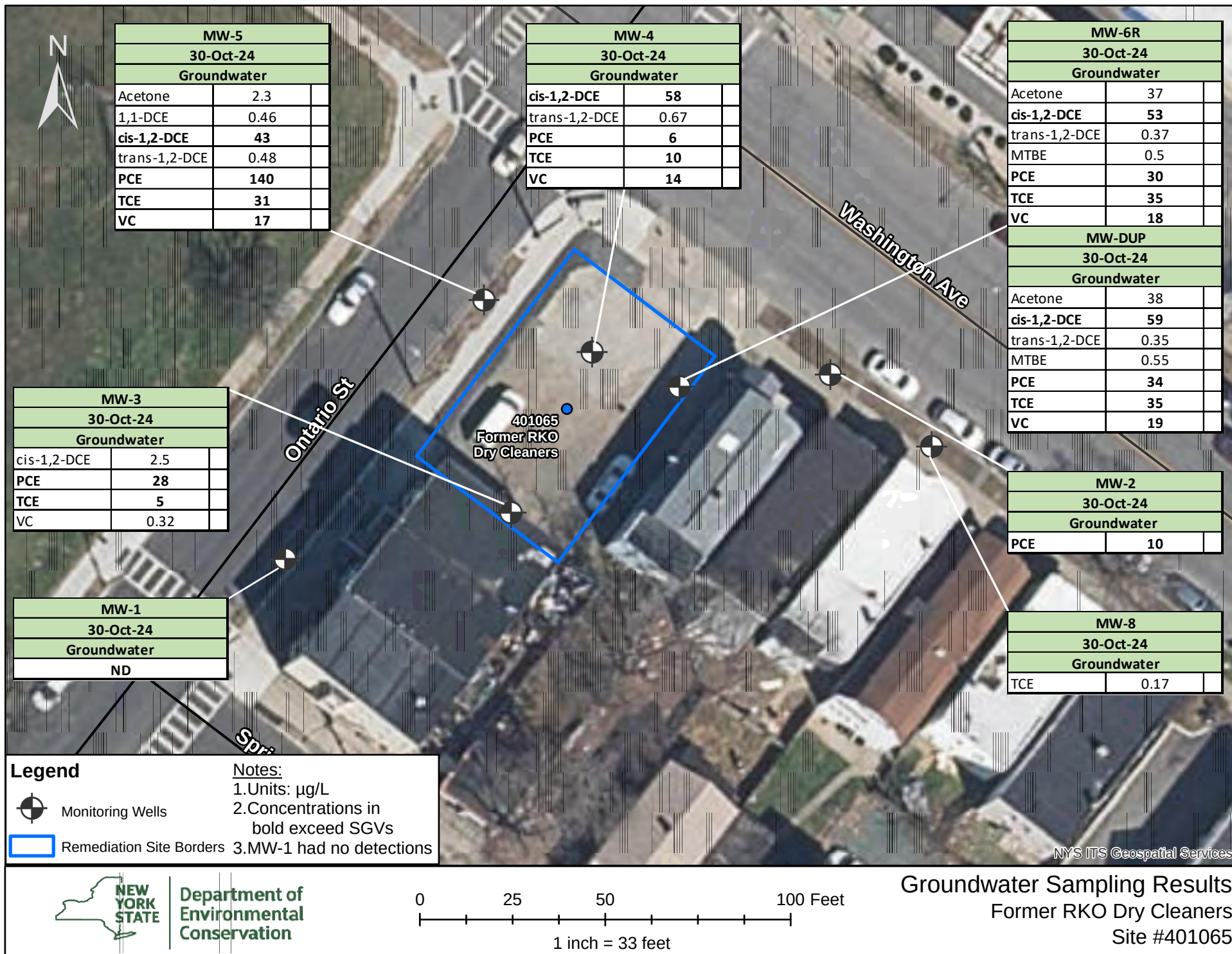


Table 1 - Groundwater Elevations

5/1/24				
Well	Top of Casing*	Depth to Water	Depth to bottom	Relative GW Elevation
MW-1	218.93	3.23	15.79	215.70
MW-2	218.28	8.65	15.50	209.63
MW-3	221.76	7.00	13.76	214.76
MW-4	220.42	8.57	16.04	211.85
MW-5	219.44	6.18	12.48	213.26
MW-6R	N/A	6.53	20.10	N/A
MW-8	217.72	9.74	16.48	207.98

10/30/24				
Well	Top of Casing*	Depth to Water	Depth to bottom	Relative GW Elevation
MW-1	218.93	4.30	15.70	214.63
MW-2	218.28	9.70	15.54	208.58
MW-3	221.76	7.35	13.46	214.41
MW-4	220.42	9.04	15.79	211.38
MW-5	219.44	7.08	12.40	212.36
MW-6R	N/A	6.91	15.79	N/A
MW-8	217.72	10.31	16.25	207.41

Table 2 - Groundwater Quality Parameters

Parameter	MW-1					MW-2					MW-3				
	10/21/2021	4/26/2022	4/5/2023	5/1/2024	10/30/2024	10/21/2021	4/26/2022	4/5/2023	5/1/2024	10/30/2024	10/21/2021	4/26/2022	4/5/2023	5/1/2024	10/30/2024
pH	6.37	7.39	7.68	7.09	7.28	NM	7.30	7.82	7.18	6.11*	6.32	NM	NM	6.96	10.8*
Temperature (°C)	15.72	10.52	9.82	14.60	17.39	NM	10.33	10.35	14.35	18.24	15.97	NM	NM	16.80	17.69
Dissolved Oxygen (mg/L)	0.09	6.34	7.26	0.00	0.00	NM	13.52	9.62	7.66	5.08	0.84	NM	NM	3.14	1.65
Turbidity (NTU)	117.00	NM	NM	12.70	10.00	NM	NM	NM	31.20	16.40	4.40	NM	NM	1.80	40
ORP (mV)	-53.00	-45.80	-49.20	-42.00	-71.00	NM	63.40	60.50	151.00	116.00	17.00	NM	NM	118.00	149
Conductivity (mS/cm)	3.62	4.14	3.07	3.66	3.77	NM	2.13	1.83	3.02	2.66	0.83	NM	NM	0.90	0.947

Parameter	MW-4					MW-5					MW-6R				
	10/21/2021	4/26/2022	4/5/2023	5/1/2024	10/30/2024	10/21/2021	4/26/2022	4/5/2023	5/1/2024	10/30/2024	10/21/2021	4/26/2022	4/5/2023	5/1/2024	10/30/2024
pH	6.50	7.52	7.56	7.30	7.43	6.38	7.34	7.52	7.24	7.34	6.41	7.17	7.19	7.50	12.48*
Temperature (°C)	17.40	10.44	9.44	17.13	22.30	17.81	10.27	10.18	15.93	21.03	15.53	11.16	11.80	15.70	17.64
Dissolved Oxygen (mg/L)	0.70	13.57	6.82	0.00	0.00	0.11	6.46	8.39	2.48	0.03	0.63	25.71	6.68	0.00	0
Turbidity (NTU)	6.30	NM	NM	25.00	13.50	8.70	NM	NM	2.60	21.90	18.11	NM	NM	11.20	24.8
ORP (mV)	20.00	69.20	171.60	72.00	14.00	-89.00	-80.90	-75.70	-90.00	-123.00	-75.00	-82.50	-82.30	-89.00	-148
Conductivity (mS/cm)	1.11	1.05	0.81	0.93	1.03	3.24	5.07	3.47	3.59	2.72	0.47	0.71	0.67	0.45	0.54

Parameter	MW-8				
	10/21/2021	4/26/2022	4/5/2023	5/1/2024	10/30/2024
pH	6.48	7.45	7.61	7.23	8.81*
Temperature (°C)	16.75	11.91	12.00	15.24	17.86
Dissolved Oxygen (mg/L)	0.00	12.80	4.75	0.00	0.64
Turbidity (NTU)	7.10	NM	NM	3.40	25.80
ORP (mV)	-76.00	-77.00	-75.80	-59.00	-40.00
Conductivity (mS/cm)	1.59	1.58	1.24	2.11	2.27

*10/30/24 turbidity was highly fluctuating and not within anticipated ranges, likely faulty calibration of one of the two Horiba units

Table 3

Table 3 - October 2024 Groundwater Results								
Lab ID	24J4347-01	24J4347-02	24J4347-03	24J4347-04	24J4347-05	24J4347-06	24J4347-07	24J4347-08
Well ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6R	MW-8	DUP
Sample Date	30-Oct-24	30-Oct-24	30-Oct-24	30-Oct-24	30-Oct-24	30-Oct-24	30-Oct-24	30-Oct-24
Matrix	Water	Water	Water	Water	Water	Water	Water	Water
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Analyte								
Acetone	<2.0	<2.0	<2.0	<2.0	2.3	37	<2.0	38
Benzene	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
Bromochloromethane	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Bromodichloromethane	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Bromoform	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Bromomethane	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
2-Butanone (MEK)	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
n-Butylbenzene	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
sec-Butylbenzene	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
tert-Butylbenzene	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Carbon Disulfide	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Carbon Tetrachloride	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Chlorobenzene	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Chlorodibromomethane	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
Chloroethane	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Chloroform	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Chloromethane	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Cyclohexane	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
1,2-Dibromo-3-chloropropane (DBCP)	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63
1,2-Dibromoethane (EDB)	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dichlorobenzene	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
1,3-Dichlorobenzene	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,4-Dichlorobenzene	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Dichlorodifluoromethane (Freon 12)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1-Dichloroethane	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2-Dichloroethane	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,1-Dichloroethylene	<0.18	<0.18	<0.18	<0.18	0.46	<0.18	<0.18	<0.18
cis-1,2-Dichloroethylene	<0.20	<0.20	2.5	58	43	53	<0.20	59
trans-1,2-Dichloroethylene	<0.16	<0.16	<0.16	0.67	0.48	0.37	<0.16	0.35

Table 3

1,2-Dichloropropane	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
cis-1,3-Dichloropropene	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
trans-1,3-Dichloropropene	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
Ethylbenzene	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
2-Hexanone (MBK)	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Isopropylbenzene (Cumene)	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
p-Isopropyltoluene (p-Cymene)	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Methyl Acetate	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Methyl tert-Butyl Ether (MTBE)	<0.17	<0.17	<0.17	<0.17	<0.17	0.5	<0.17	0.55
Methyl Cyclohexane	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
Methylene Chloride	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
4-Methyl-2-pentanone (MIBK)	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Naphthalene	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
n-Propylbenzene	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Styrene	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,1,2,2-Tetrachloroethane	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Tetrachloroethylene	<0.17	10	28	6	140	30	<0.17	34
Toluene	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
1,2,3-Trichlorobenzene	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
1,2,4-Trichlorobenzene	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
1,1,1-Trichloroethane	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
1,1,2-Trichloroethane	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Trichloroethylene	<0.17	<0.17	5	10	31	35	0.17	35
Trichlorofluoromethane (Freon 11)	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
1,2,3-Trichloropropane	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
1,2,4-Trimethylbenzene	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
1,3,5-Trimethylbenzene	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Vinyl Chloride	<0.19	<0.19	0.32	14	17	18	<0.19	19
m+p Xylene	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
o-Xylene	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Xylenes (total)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

¹Bolded values were detected above laboratory detection limits

²Highlighted values were detected above Class GA groundwater standards

Table 4 - February 2025 Soil Vapor Intrusion Results

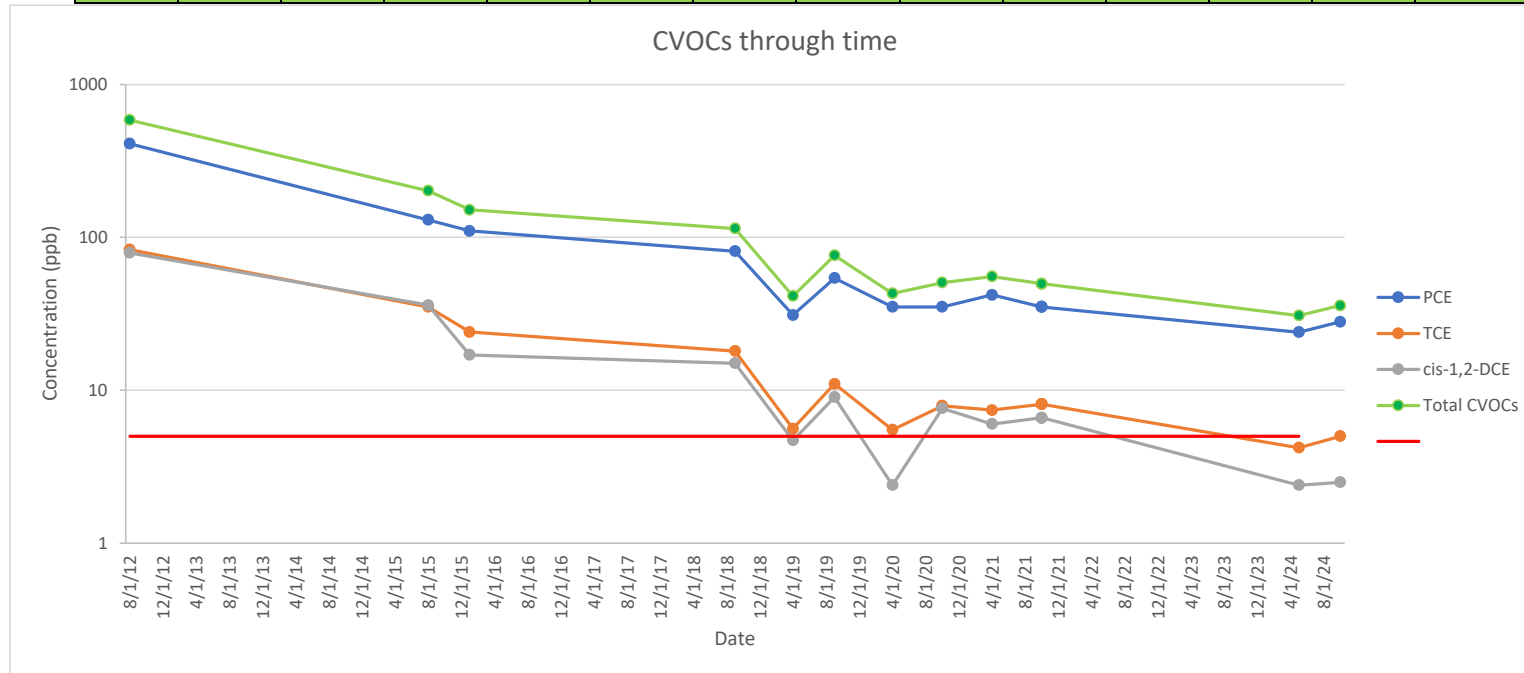
Lab ID		L2511795-01	L2511795-02	L2511795-03	L2511795-04
Sample ID		562W-SS	562W-IAB	562W-IA1	562W-OA
Sample Date		2/28/2025	2/28/2025	2/28/2025	2/28/2025
Matrix		Air	Air	Air	Air
Units	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
Analyte	Ambient Air Guideline				
1,1,1-Trichloroethane	-	<0.103	<0.032	<0.032	<0.032
1,1,2,2-Tetrachloroethane	-	<0.155	<0.046	<0.046	<0.046
1,1,2-Trichloroethane	-	<0.178	<0.053	<0.053	<0.053
1,1-Dichloroethane	-	0.55	<0.035	<0.035	<0.035
1,1-Dichloroethene	-	<0.103	<0.031	<0.031	<0.031
1,2,4-Trichlorobenzene	-	<0.365	0.16	<0.108	<0.108
1,2,4-Trimethylbenzene	-	1.23	0.24	1.39	0.14
1,2-Dibromoethane	-	<0.236	<0.07	<0.07	<0.07
1,2-Dichlorobenzene	-	<0.126	<0.037	<0.037	<0.037
1,2-Dichloroethane	-	0.16	0.10	0.16	0.08
1,2-Dichloropropane	-	<0.129	<0.038	<0.038	<0.038
1,3,5-Trimethylbenzene	-	0.30	0.08	0.57	0.05
1,3-Dichlorobenzene	-	<0.156	<0.046	<0.046	<0.046
1,4-Dichlorobenzene	-	<0.152	0.07	0.18	<0.045
1,4-Dioxane	-	<0.418	<0.124	<0.124	<0.124
2,2,4-Trimethylpentane	-	12.80	0.28	0.29	0.24
2-Butanone	-	2.75	0.83	0.89	0.66
4-Methyl-2-Pentanone	-	<2.64	<0.783	<0.783	<0.783
Benzene	-	0.72	0.59	0.58	0.52
Benzyl Chloride	-	<0.58	<0.172	<0.172	<0.172
Bromodichloromethane	-	<0.167	<0.05	<0.05	<0.05
Bromoform	-	<0.387	<0.115	<0.115	<0.115
Bromomethane	-	<0.123	<0.037	<0.037	<0.037
Carbon Tetrachloride	-	0.68	0.60	0.66	0.57
Chlorobenzene	-	<0.401	<0.119	<0.119	<0.119
Chloroethane	-	<0.351	<0.104	<0.104	<0.104
Chloroform	-	0.67	0.63	0.40	0.09
Chloromethane	-	1.09	0.95	1.09	1.04
Cyclohexane	-	<0.365	0.15	0.15	0.11
Dibromochloromethane	-	<0.23	<0.068	<0.068	<0.068
Dichlorodifluoromethane	-	3.18	3.07	3.14	2.94
Ethyl Alcohol	-	39.90	20.00	59.70	6.10
Ethylbenzene	-	0.34	0.18	0.32	0.12
1,1,2-Trichloro-1,2,2-Trifluoroethane	-	0.70	0.58	0.58	0.58
1,2-Dichloro-1,1,2,2-Tetrafluoroethane	-	<0.151	0.12	0.12	0.12
Heptane	-	0.61	0.49	0.46	0.25
Hexachlorobutadiene	-	<0.396	<0.117	<0.117	<0.117
Methyl Tert Butyl Ether	-	<0.317	<0.094	<0.094	<0.094
Methylene Chloride	60	<1.29	0.46	0.46	0.41
Napthalene	-	0.37	0.19	<0.11	<0.11
Styrene	-	0.14	0.06	0.10	<0.034
Tert-Butyl Alcohol	-	<1.37	<0.406	<0.406	<0.406
Tetrachloroethene	30	2.40	2.37	1.02	0.13
Toluene	-	1.13	0.75	0.86	0.59
Trichloroethene	2	0.58	0.79	0.32	<0.032
Trichlorofluoromethane	-	1.44	1.40	1.42	1.33
Vinyl Chloride	-	0.23	0.29	0.13	<0.023
cis-1,2-Dichloroethene	-	0.95	1.21	0.50	<0.04
cis-1,3-Dichloropropene	-	<0.181	<0.054	<0.054	<0.054
n-Hexane	-	9.09	1.58	1.55	2.33
o-Xylene	-	0.63	0.24	0.60	0.15
m,p-Xylene	-	1.14	0.59	1.18	0.37
trans-1,2-Dichloroethene	-	<0.12	<0.036	<0.036	<0.036
trans-1,3-Dichloropropene	-	<0.176	<0.052	<0.052	<0.052

¹Bolded values are specific DOH Air Matrix Compounds detected above laboratory detection limits

Appendix A

	SC		MW-3, on-site, upgradient											
Date:	8/22/12	8/6/15	1/26/16	9/5/18	4/11/19	9/16/19	4/9/20	10/29/20	4/14/21	10/21/21	4/26/22	4/5/23	5/1/24	10/30/24
PCE	410	130	110	81.0	31.0	54.0	35.0	35.0	42.0	35.0	N/A	N/A	24	28
TCE	83	35	24	18.0	5.6	11.0	5.5	7.9	7.4	8.1	N/A	N/A	4.2	5
1,1-DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N/A	N/A	ND	ND
cis-1,2-DCE	79	36	17	15.0	4.7	9.0	2.4	7.6	6.0	6.6	N/A	N/A	2.4	2.5
trans-1,2-DCE	2.7	0.61	ND	ND	ND	ND	ND	ND	ND	ND	N/A	N/A	ND	ND
VC	9.3	ND	ND	ND	ND	2.1	ND	ND	ND	ND	N/A	N/A	0.22	0.32
Total CVOCs	584	202	151	114	41	76	43	51	55	50	N/A	N/A	31	36

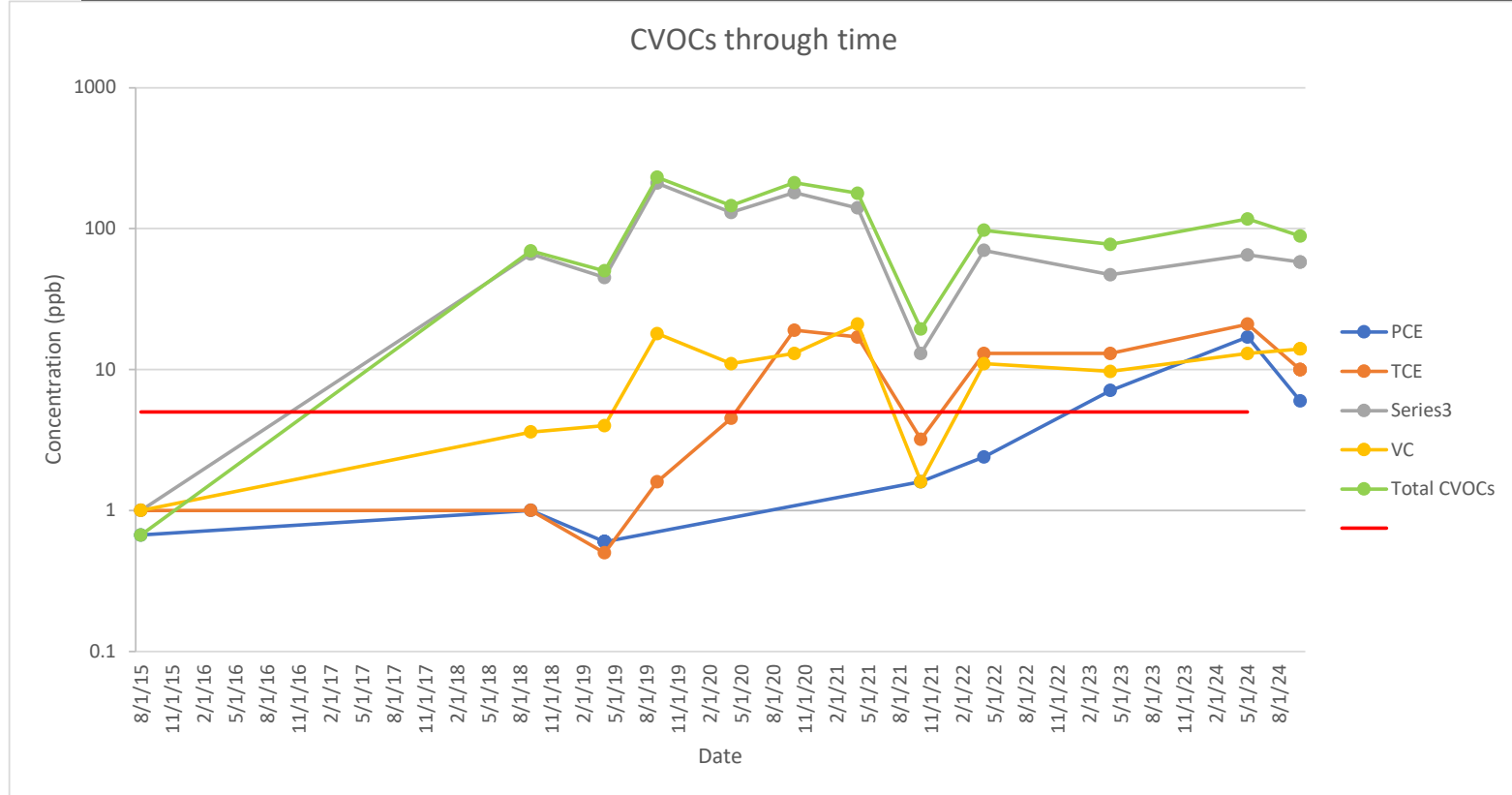
*ND/U
not
added to
total



MW-4 - on-site, sidegradient of source

Date:	8/6/15	9/5/18	4/11/19	9/16/19	4/9/20	10/29/20	4/14/21	10/21/21	4/26/22	4/5/23	5/1/24	10/30/24
PCE	0.67	1	0.6	ND	ND	ND	ND	1.6	2.4	7.10	17	6
TCE	1 U	1 U	0.5	1.6	4.5	19.0	17.0	3.2	13.0	13	21	10
1,1-DCE	1 U	1 U	ND	0.5	ND	ND	ND	ND	0.24	ND	0.21	ND
cis-1,2-DCE	1 U	66	45.0	210.0	130.0	180.0	140.0	13.0	70.0	47	65	58
trans-1,2-DCE	5 U	1 U	ND	1.0	ND	ND	ND	ND	0.73	0.610	0.83	0.67
VC	1 U	3.6	4.0	18.0	11.0	13.0	21.0	1.6	11.0	9.7	13	14
Total CVOCs	1	70	50	231	146	212	178	19	97	77	117	89

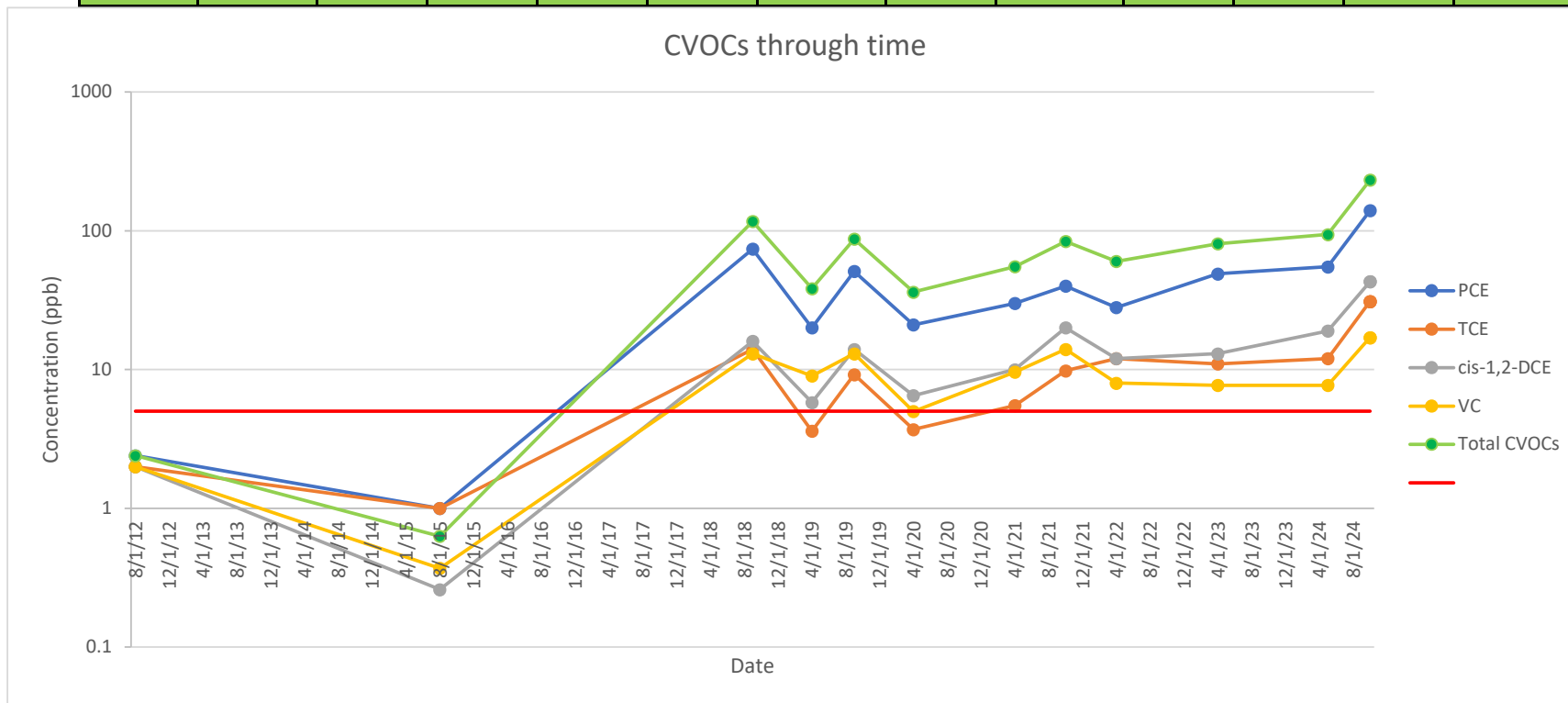
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total



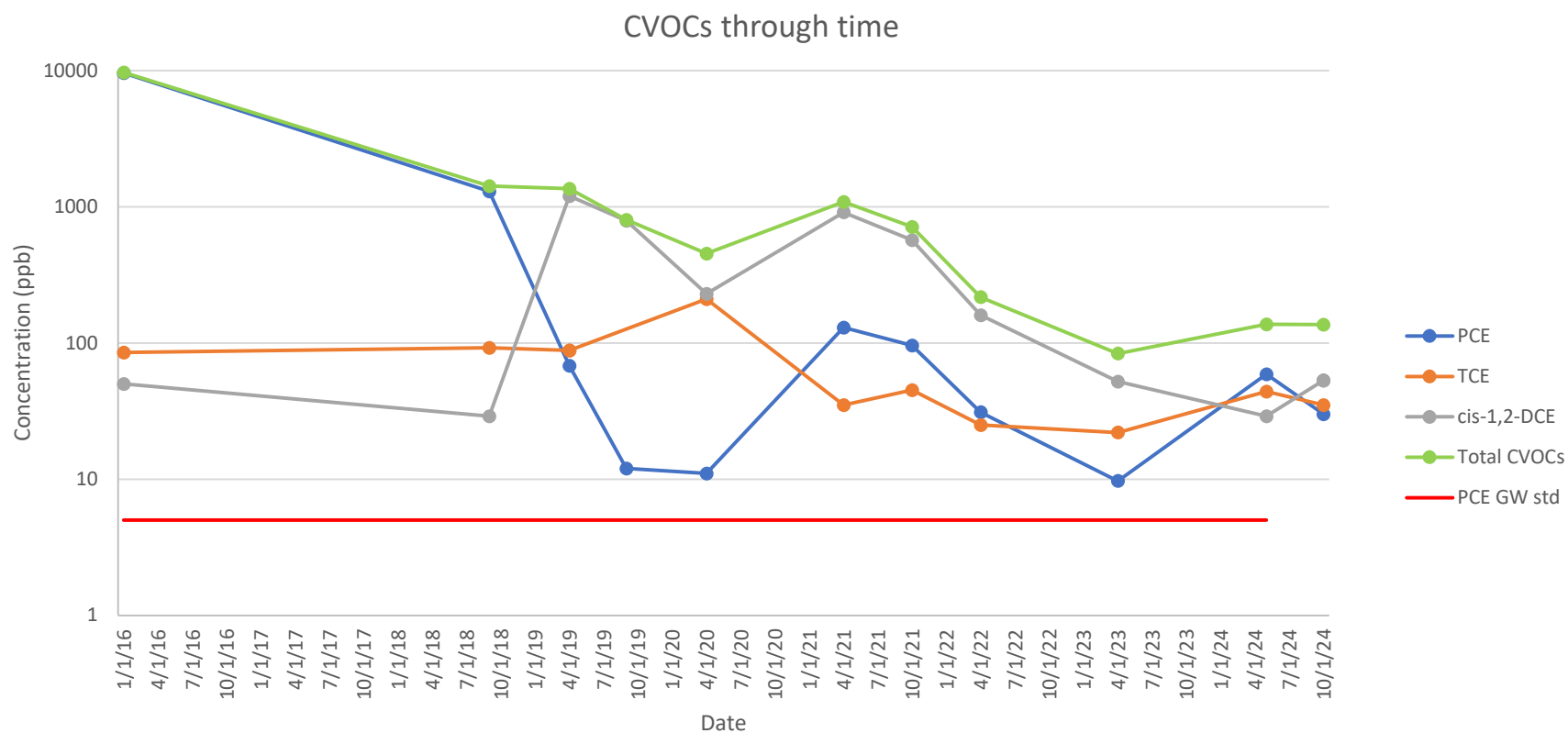
MW-5 - off-site, sidegradient

Date:	8/22/12	8/6/15	9/5/18	4/11/19	9/16/19	4/9/20	10/29/20	4/14/21	10/21/21	4/26/22	4/5/23	5/1/24	10/30/24
PCE	2.4	1 U	74	20	51	21	#N/A	30	40	28	49	55	140
TCE	2 U	1 U	14	3.6	9.2	3.7	#N/A	5.5	9.8	12	11	12	31
1,1-DCE	2 U	1 U	ND	ND	ND	ND	#N/A	ND	ND	0.15	ND	0.22	0.46
cis-1,2-DCE	2 U	0.26	16	5.8	14	6.5	#N/A	10	20	12	13	19	43
trans-1,2-DCE	2 U	5 U	ND	ND	ND	ND	#N/A	ND	ND	ND	ND	0.17	0.48
VC	2 U	0.37	13	9	13	5	#N/A	9.6	14	8	7.7	7.7	17
Total CVOCs	2.4	1	117	38	87	36	#N/A	55	84	60	81	94	232

*ND/U
not
added
to total

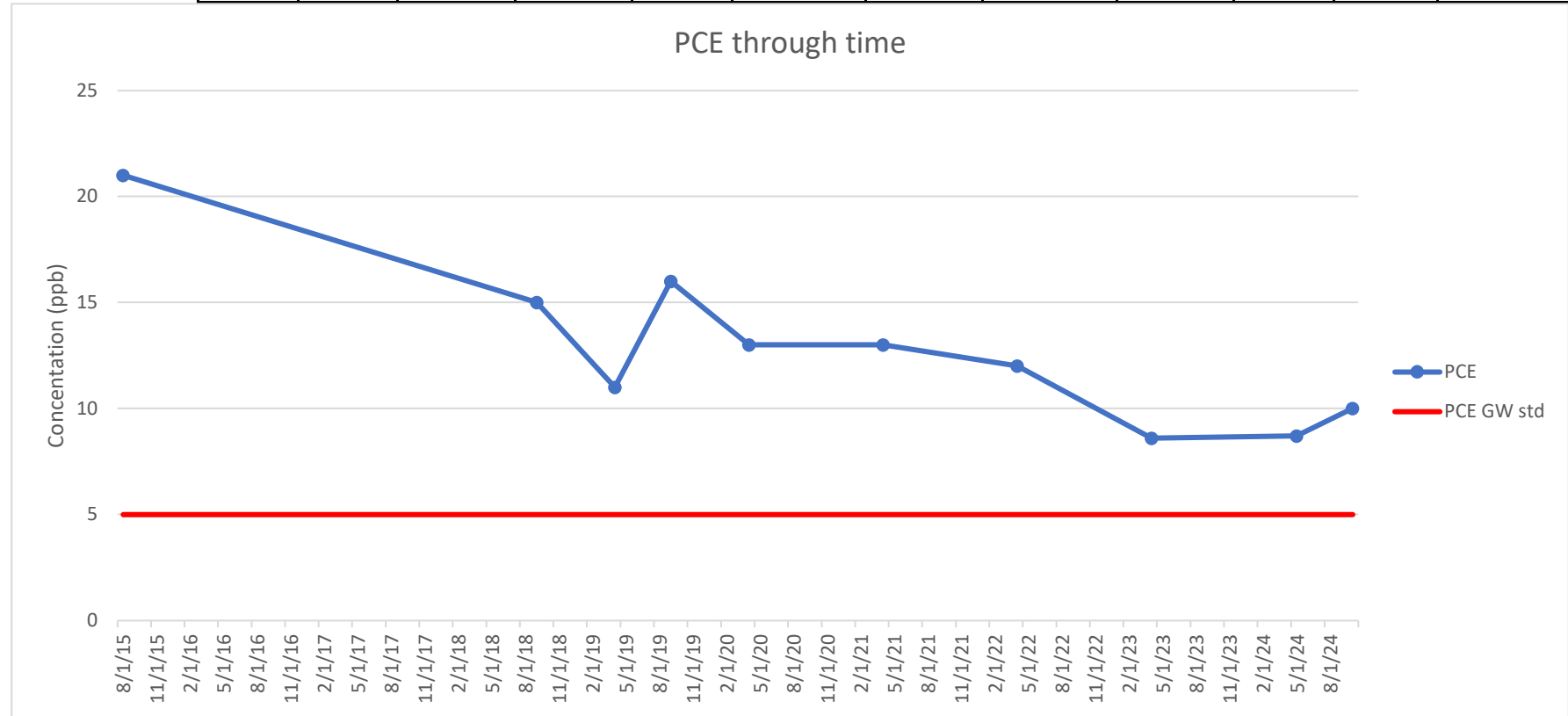


	MW-6	MW-6R - immediately downgradient of excavated source									
Date:	1/26/16	9/5/18	4/11/19	9/16/19	4/9/20	4/14/21	10/21/21	4/26/22	4/5/23	5/1/24	10/30/24
PCE	9600	1300	68.0	12.0	11.0	130.0	96.0	31.0	9.7	59	30
TCE	85	92	88.0	ND	210 J	35.0	45.0	25.0	22.0	44	35
1,1-DCE	50 U	ND	ND	ND	0.4	1.7 J	ND	ND	ND	ND	ND
cis-1,2-DCE	50 U	29	1,200.0	790.0	230 J	910.0	570.0	160.0	52.0	29	53
trans-1,2-DCE	50 U	ND	ND	ND	1.0	4.8	ND	0.86	ND	ND	0.37
VC	50 U	ND	ND	ND	1.4	4.9	ND	ND	ND	5.2	18
Total CVOCs	9685	1421	1356	802	454	1086	711	217	84	137	136



MW-2 - off-site, downgradient

Date:	8/6/15	9/5/18	4/11/19	9/16/19	4/9/20	10/29/20	4/14/21	10/21/21	4/26/22	4/5/23	5/1/24	10/30/24
PCE	21	15	11	16	13	#N/A	13	#N/A	12	8.6	8.7	10
TCE	ND	ND	ND	ND	ND	#N/A	ND	#N/A	ND	ND	ND	ND
1,1-DCE	ND	ND	ND	ND	ND	#N/A	ND	#N/A	ND	ND	ND	ND
cis-1,2-DCE	ND	ND	3	ND	ND	#N/A	ND	#N/A	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND	ND	#N/A	ND	#N/A	ND	ND	ND	ND
VC	ND	ND	ND	ND	ND	#N/A	ND	#N/A	ND	ND	ND	ND



MW-8 - off-site, downgradient

[illegible]

Appendix B

RKO Drycleaners

10/30/24

Van mileage
77,968

MW-8 - DTW: 10.31'

- 2 bolts - headspace: 0 ppb

- J-plug DTB: 16.20'

MW-2 - headspace: 0 ppb

- 1 bolt - DTW: 9.7'

- no J-plug - DTB: 15.54'

MW-1 - headspace: 0 ppb

- 2 bolts - DTW: 4.3'

- J-plug - DTB: 15.7'

MW-5 - head: 591 ppb

- 1 bolt - DTW: 7.08'

- J-plug - DTB: 12.4'

MW-3 - head: 0 ppb

- no bolts - DTW: 7.35'

- J-plug - DTB: 13.46'

MW-4 - head: 0 ppb

- no plug - DTW: 9.04' DTB: 15.79'

- 1 bolt

MW-6R

- plug head: 272 ppb

- 2 bolts DTW: 6.91' DTB: 19.80'

Monitoring Well Sampling Log

Date: 10/30/24

Location: 566 Wash. Ave

Purge Device: peristaltic pump

Start Purge:

Stop Purge:

Tubing Type:

Sampling Device: *horiba*

Sample Time: 11:12 AM

Sample Personnel: KF (AE, RK, SS, DN)

Sample Analyses: VOCs

Started pumping @ 10:27 AM

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft.

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

Monitoring Well Sampling Log

Well No.: MW-2

Project: RKO

Date: 10/30

Location: 566 Washington Ave

Project No.: 401065

Casing Type: PVC

Screen Length:

Measuring Point: ~~TO~~ C

Well Diameter: 2

Well Depth: 15.54' (DTB)

Water Level: 9.8' (DTW)

Water Column: 5.74'

1 Volume (gal.):

Purge Device: *peristaltic*

Start Purge:

Stop Purge:

Tubing Type:

Sampling Device: *honi ba*

Sample Time: 11:35 AM

Sample Personnel: KF

Sample Analyses: VOCs

Notes:

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

Monitoring Well Sampling Log

Well No.: MW-3

Project: RKO

Date: 10/30

Location: 566 Wash. Ave

Project No.: 401065

Casing Type: *PVE*

Screen Length:

Measuring Point: **TOC**

Well Diameter: 2 "

Well Depth: 13.46

Water Level: 7.32

Water Column: 6.14

1 Volume (gal.):

Purge Device: penstair

Start Purge: 12:10

Stop Purge:

Tubing Type:

Sampling Device: horiba

Sample Time: 13:19

Sample Personnel:

Sample Analyses: VOCs

Notes: pH + Turb. jumped after restarting Horiba.

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

Date: 10/30/24

Project: Former RKO
Dry cleaners

Location: 556 Washington Ave
Albany NY

Project No.: 401665

Purge Device: peristaltic

Casing Type: 2" PVC

Start Purge: 1:30 p.m.

Screen Length:

Stop Purge: 2:01 PM

Measuring Point: TOC

Tubing Type:

Well Diameter: 2"

Sampling Device: *Novina / low flow*

Well Depth: 15.79 ft

Sample Time: 2:02 pm

starting Water ~~Level~~^{Depth}: 9.01 ft

Sample Personnel: KF (KE, RK, SS, DN)

Water Column: 6.78 ft

Sample Analyses: VOCs - 8260 EPA Methods

1 Volume (gal.): 1.22 gal

Notes:

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

Monitoring Well Sampling Log

Well No.: ~~100-5~~ (MW-5)

Date: 10/30/24

Project: Former RICO Dry Cleaners Location: 556 Washington Ave.
Albany, NY

Project No.: 401 065

Purge Device: peristaltic

Casing Type: 2" PVC

Start Purge: 11:40

Screen Length:

Stop Purge: 1 2:23

Measuring Point: **TEC**

Tubing Type:

Well Diameter; 2 1/2

Sampling Device: Norib4 / Low Flow

water ~~level~~ ^{level}: 7.19 ft

Sample Time: 12:23 - collected MS/MSB

well water ~~12.4 ft~~ 12.4 ft

Sample Personnel: KF (AF, RK, SS, DN)

Water Column: 5.21

Sample Analyses: *Vinc* 971-0 ^{EM} *Inc*

1 Volume (gal.): 0.94

Notes:

Started pumping 11:40 am

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

pumping
in
sun, increase
temps

Monitoring Well Sampling Log

Well No.: MW-6R

Project: RKO

Date: 10/30

Location: 566 Washington Ave.

Project No.: 401065

Casing Type: PVC

Screen Length:

Measuring Point: TOC

Well Diameter: 2"

Well Depth: 19.8

Water Level: 6.91' (DTW)

Water Column: 12.89'

1 Volume (gal.):

Purge Device: *peristaltic*

Start Purge: 1:30

Stop Purge:

Tubing Type:

Sampling Device: *Horn*

Sample Time: 2:17

Sample Personnel: KF/EJ/PP

Sample Analyses: VOCs

Notes:

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

Monitoring Well Sampling Log

Well No.: MW-8

Project: RKO

Date: 10/30/24

Location: 566 Wash. Ave

Project No.: ~~BSO~~ 401065

Casing Type: 2" PVC

Screen Length:

Measuring Point: **TOC**

Well Diameter: 2"

Well Depth: 16.25

Water Level: 10.30'

Water Column: 5,95'

1 Volume (gal.):

Purge Device: Peristaltic

Start Purge: 9:06 AM

Stop Purge:

Tubing Type:

Sampling Device: horiba

Sample Time: 10:27

Sample Personnel: KF/EJ/PT

Sample Analyses: VOCs

Notes:

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft.

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]
$$\frac{100 \text{ ml}}{\text{min}}$$

- horrible leaking brief
- apparent ion stoppage

Floc entered henba

- Iron Flue cause up

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Kyle Forster Date/Time Prepared 2/27/25

Preparer's Affiliation NYSDEC Phone No. 518-402-8644

Purpose of Investigation off-site SUI re-eval

1. OCCUPANT:

Interviewed: Y ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: Y ☒ N

Last Name: Zhang First Name: Jeff

Address: 212 Oxford Way, Niskayuna, NY 12309

County: Albany

Home Phone: 718-314-3473 Office Phone: 718-314-3473

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

☒ Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	<u>Split Level</u>	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? 2

If the property is commercial, type?

Business Type(s) HO

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 2

Building age ~ 100 yrs

Is the building insulated? Y / N

How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other brick
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy (musty)
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y/N
- k. Water in sump? Y/N/not applicable

Basement/Lowest level depth below grade: ~ 6 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation
Space Heaters
Electric baseboard

Heat pump
Stream radiation
Wood stove

Hot water baseboard
Radiant floor
Outdoor wood boiler Other _____

The primary type of fuel used is:

Natural Gas
Electric
Wood

Fuel Oil
Propane
Coal

Kerosene
Solar

Domestic hot water tank fueled by: gas

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? Y/N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

6 inch flexible ductwork, furnace in basement

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement	<u>utility / empty</u>
1 st Floor	<u>occupied</u>
2 nd Floor	<u>not occupied</u>
3 rd Floor	<u></u>
4 th Floor	<u></u>

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- Is there an attached garage? Y N
- Does the garage have a separate heating unit? Y / N / NA
- Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / NA
Please specify _____
- Has the building ever had a fire? Y / N When? _____
- Is a kerosene or unvented gas space heater present? Y / N Where? _____
- Is there a workshop or hobby/craft area? Y / N Where & Type? _____
- Is there smoking in the building? Y / N How frequently? _____
- Have cleaning products been used recently? Y / N When & Type? _____
- Have cosmetic products been used recently? Y N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y / ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y / ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y / ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? Y / ☒ N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? Y / ☒ N If yes, where vented? _____
- o. Is there a clothes dryer? Y / ☒ N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y / ☒ N When & Type? _____

Are there odors in the building? Y / N

If yes, please describe: basement smells musty

Do any of the building occupants use solvents at work? Y / ☒ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

- Yes, use dry-cleaning regularly (weekly)
- Yes, use dry-cleaning infrequently (monthly or less)
- Yes, work at a dry-cleaning service

No
Unknown

Is there a radon mitigation system for the building/structure? Y / ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

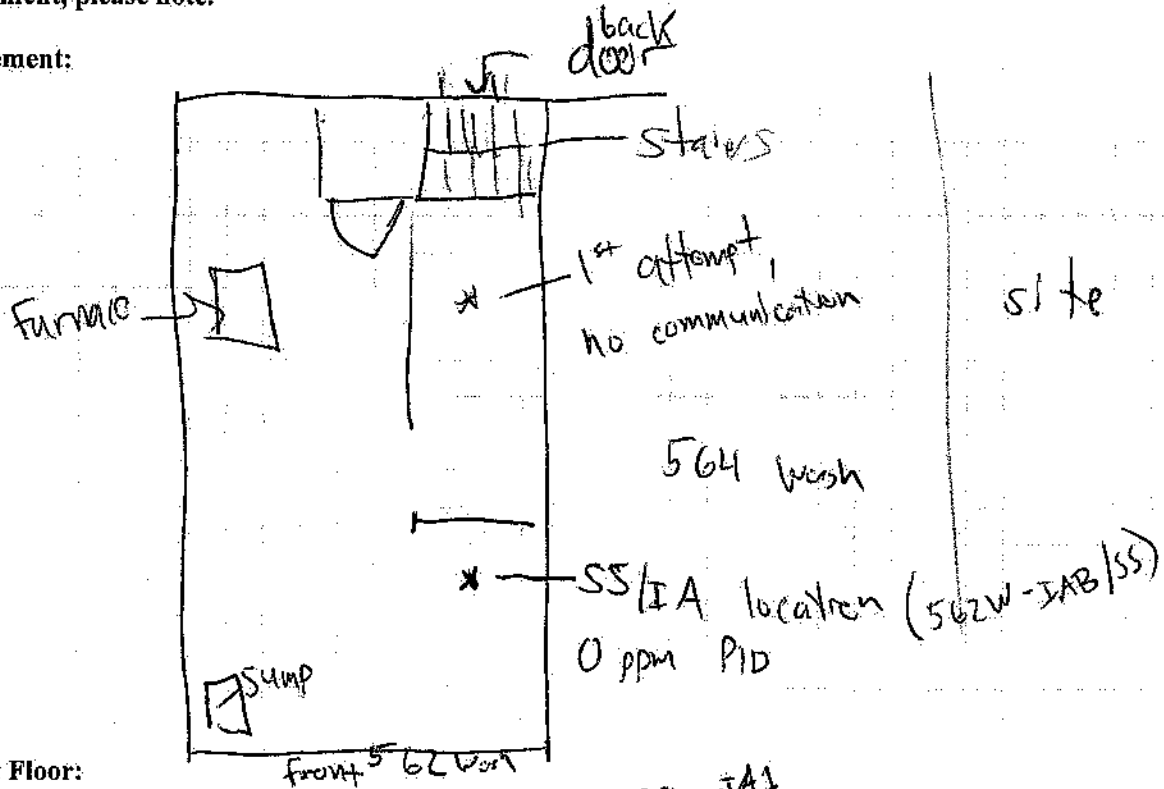
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

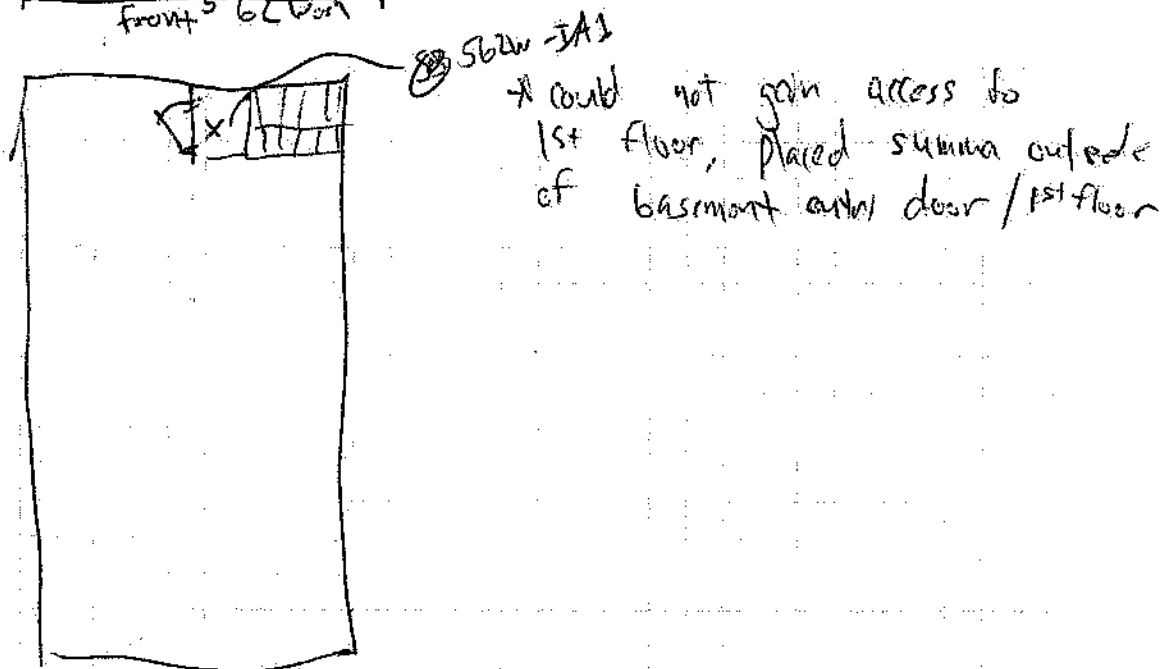
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



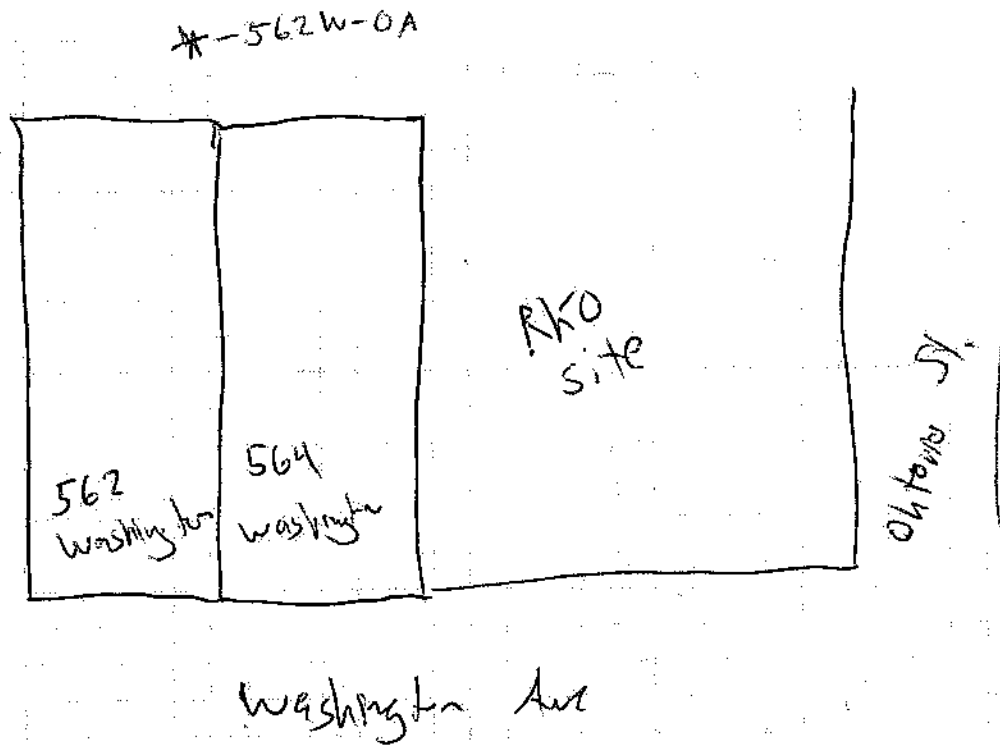
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: PID PPM ray

List specific products found in the residence that have the potential to affect indoor air quality.

*no chemicals stored in any sample locations	Field

[illegible]

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

Air Sampling Form
RKO Drycleaners - 401065
Albany, NY

Structure ID	Sample ID	Summa ID	Summa Size (L)	Regulator ID	Date	Start Time	Initial Vacuum ("Hg)	End Time	Final Vacuum ("Hg)	Purge Volume (ml)	PID $\mu\text{g}/\text{m}^3$ (ppb)	Helium Test (%)
	562W-33	3658	6	0016	2/27/25	10:01	-30.7	10:01	-22.1	200	6	0
	562W-IAP	2263	6	02697	2/27/25	10:01	-30.22	10:01	-11.54			
	562W-IAT	771	6	02757	2/27/25	10:05	-28.78	10:05	-8.10			
	562W-OA	902	6	01508	2/27/25	10:07	-30.00	10:09	-8.74			

Notes:

1. Sample Analysis TO-15.
2. Duplicate collected from N/A
3. Purge rate <200 milliliters per minute.
4. Indoor air (IA) and outdoor air (OA) samples are set approximately 4 feet above ground surface.
5. Sub-slab soil vapor (SS) points are existing sample points from the remedial investigation.
6. Helium Test: High concentration if >10% of helium per DOH Guidance Section 2.7.5.

Units:

1. L – liter
2. "Hg – inches of mercury
3. ppb – parts per billion



Department of
Environmental
Conservation

Division of Environmental Remediation
Central Office

Field Log

Site Code #: 4101065	Date: 2/27/25	Arrival Time: 7:30

Site Name: Former RKO Dry cleaners
Location: 566 Washington Ave, Albany, NY
DEC Project Manager: Kyle Forster

	AM	PM
Weather	32° overcast/rainy	
Temperature		
Wind Direction		

Objective, People, and Equipment On-site:

Kyle Forster, Elliot Jackson, Abdulla Elbuytori, Patrick Powers

Health & Safety:

Level of protection: Level D

Description of Inspection Activities and Discussions:

SVI Eval @ 562 Washington Ave
- 1 sub-slab, 1 basement IA, 1st floor IA, outdoor ambient

Representative's Signature:

Departure Time:

Basement sump



sub-slab sample upon deployment



Co-located basement indoor air sample upon deployment



Outdoor Ambient Air sample upon deployment



Indoor air sample upon deployment



Flooding observed at co-located SS/IA location upon retrieval



Appendix C

Data Package



ANALYTICAL. LIFE. SERVICE.

November 13, 2024

Kyle Forster
NYS Division of Environmental Remediation
625 Broadway 12th Floor
Albany, NY 12233-7012

Project Location: 566 Washington Ave, Albany, NY
Client Job Number:
Project Number: 401065
Laboratory Work Order Number: 24J4347

Enclosed are results of analyses for samples as received by the laboratory on October 31, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332NYS Division of Environmental Remediation
625 Broadway 12th Floor
Albany, NY 12233-7012
ATTN: Kyle Forster

REPORT DATE: 11/13/2024

PURCHASE ORDER NUMBER: 151681

PROJECT NUMBER: 401065

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24J4347

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 566 Washington Ave, Albany, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-1	24J4347-01	Ground Water		SW-846 8260D	
MW-2	24J4347-02	Ground Water		SW-846 8260D	
MW-3	24J4347-03	Ground Water		SW-846 8260D	
MW-4	24J4347-04	Ground Water		SW-846 8260D	
MW-5	24J4347-05	Ground Water		SW-846 8260D	
MW-6R	24J4347-06	Ground Water		SW-846 8260D	
MW-8	24J4347-07	Ground Water		SW-846 8260D	
DUP	24J4347-08	Ground Water		SW-846 8260D	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260D

Qualifications:**L-02**

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:**Methyl Acetate**

B391460-BS1, B391460-BSD1, B391460-MS1, B391460-MSD1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene**

24J4347-05[MW-5], B391460-MS1, B391460-MSD1

1,2,4-Trichlorobenzene

24J4347-05[MW-5], B391460-MS1, B391460-MSD1

1,2-Dibromo-3-chloropropane (DBCP)

24J4347-05[MW-5], B391460-MS1, B391460-MSD1

Naphthalene

24J4347-05[MW-5], B391460-MS1, B391460-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:**Bromomethane**

B391460-MS1

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:**n-Butylbenzene**

B391460-MS1

Tetrachloroethylene

B391460-MS1

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:**1,2,4-Trichlorobenzene**

24J4347-05[MW-5], B391460-MS1, B391460-MSD1

Naphthalene

24J4347-05[MW-5], B391460-MS1, B391460-MSD1

S-17

Surrogate recovery is outside of control limits. Data validation is not affected since all associated results are less than the reporting limit and bias is on the high side.

Analyte & Samples(s) Qualified:**1,2-Dichloroethane-d4**

24J4347-01[MW-1]

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:**1,2-Dibromo-3-chloropropane (DBCP)**

24J4347-02[MW-2], 24J4347-03[MW-3], 24J4347-04[MW-4], 24J4347-05[MW-5], 24J4347-06[MW-6R], 24J4347-07[MW-8], 24J4347-08[DUP], B391460-BLK1, B391460-BS1, B391460-BSD1, B391460-MS1, B391460-MSD1, S113476-CCV1

Chloromethane

24J4347-01[MW-1], B391625-BLK1, B391625-BS1, B391625-BSD1, S113570-CCV1

Cyclohexane

24J4347-01[MW-1], B391625-BLK1, B391625-BS1, B391625-BSD1, S113570-CCV1

Methylene Chloride

24J4347-01[MW-1], B391625-BLK1, B391625-BS1, B391625-BSD1, S113570-CCV1

Naphthalene

24J4347-02[MW-2], 24J4347-03[MW-3], 24J4347-04[MW-4], 24J4347-05[MW-5], 24J4347-06[MW-6R], 24J4347-07[MW-8], 24J4347-08[DUP], B391460-BLK1, B391460-BS1, B391460-BSD1, B391460-MS1, B391460-MSD1, S113476-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**Bromodichloromethane**

S113570-CCV1

Bromomethane

B391460-BS1, B391460-BSD1, B391460-MS1, B391460-MSD1, S113476-CCV1

Methyl Acetate

B391460-BS1, B391460-BSD1, B391460-MS1, B391460-MSD1, S113476-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-1

Sampled: 10/30/2024 11:12

Sample ID: 24J4347-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Chloromethane	ND	2.0	0.50	µg/L	1	V-05	SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Cyclohexane	ND	5.0	1.8	µg/L	1	V-05	SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Methylene Chloride	ND	5.0	0.19	µg/L	1	V-05	SW-846 8260D	11/5/24	11/7/24 12:57	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Naphthalene	ND	2.0	0.25	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-1

Sampled: 10/30/2024 11:12

Sample ID: 24J4347-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Vinyl Chloride	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/5/24	11/7/24 12:57	LBD
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	139	*	70-130		S-17				11/7/24 12:57	
Toluene-d8	105		70-130						11/7/24 12:57	
4-Bromofluorobenzene	96.1		70-130						11/7/24 12:57	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-2

Sampled: 10/30/2024 11:35

Sample ID: 24J4347-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1	V-05	SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	11/5/24	11/6/24 13:58	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-2

Sampled: 10/30/2024 11:35

Sample ID: 24J4347-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Tetrachloroethylene	10	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Vinyl Chloride	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/5/24	11/6/24 13:58	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	96.2		70-130				11/6/24 13:58			
Toluene-d8	95.6		70-130				11/6/24 13:58			
4-Bromofluorobenzene	84.2		70-130				11/6/24 13:58			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-3

Sampled: 10/30/2024 13:19

Sample ID: 24J4347-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1	V-05	SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
cis-1,2-Dichloroethylene	2.5	1.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	11/5/24	11/6/24 14:25	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-3

Sampled: 10/30/2024 13:19

Sample ID: 24J4347-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Tetrachloroethylene	28	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Trichloroethylene	5.0	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Vinyl Chloride	0.32	2.0	0.19	µg/L	1	J	SW-846 8260D	11/5/24	11/6/24 14:25	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:25	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	102		70-130				11/6/24 14:25			
Toluene-d8	93.7		70-130				11/6/24 14:25			
4-Bromofluorobenzene	81.9		70-130				11/6/24 14:25			

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Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-4

Sampled: 10/30/2024 14:02

Sample ID: 24J4347-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1	V-05	SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
cis-1,2-Dichloroethylene	58	1.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
trans-1,2-Dichloroethylene	0.67	1.0	0.16	µg/L	1	J	SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	11/5/24	11/6/24 14:52	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-4

Sampled: 10/30/2024 14:02

Sample ID: 24J4347-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Tetrachloroethylene	6.0	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Trichloroethylene	10	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Vinyl Chloride	14	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/5/24	11/6/24 14:52	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	99.7		70-130				11/6/24 14:52			
Toluene-d8	90.2		70-130				11/6/24 14:52			
4-Bromofluorobenzene	88.1		70-130				11/6/24 14:52			

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Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-5

Sampled: 10/30/2024 12:23

Sample ID: 24J4347-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2.3	50	2.0	µg/L	1	J	SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1	MS-09, V-05	SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,1-Dichloroethylene	0.46	1.0	0.18	µg/L	1	J	SW-846 8260D	11/5/24	11/6/24 21:33	MFF
cis-1,2-Dichloroethylene	43	1.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
trans-1,2-Dichloroethylene	0.48	1.0	0.16	µg/L	1	J	SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	MS-09, R-06, V-05	SW-846 8260D	11/5/24	11/6/24 21:33	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF

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Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-5

Sampled: 10/30/2024 12:23

Sample ID: 24J4347-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Tetrachloroethylene	140	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1	MS-09	SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1	MS-09, R-06	SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Trichloroethylene	31	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Vinyl Chloride	17	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/5/24	11/6/24 21:33	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	96.2		70-130				11/6/24 21:33			
Toluene-d8	96.2		70-130				11/6/24 21:33			
4-Bromofluorobenzene	76.7		70-130				11/6/24 21:33			

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Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-6R

Sampled: 10/30/2024 14:17

Sample ID: 24J4347-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	37	50	2.0	µg/L	1	J	SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1	V-05	SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
cis-1,2-Dichloroethylene	53	1.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
trans-1,2-Dichloroethylene	0.37	1.0	0.16	µg/L	1	J	SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Methyl tert-Butyl Ether (MTBE)	0.50	1.0	0.17	µg/L	1	J	SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	11/5/24	11/6/24 15:18	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF

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Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-6R

Sampled: 10/30/2024 14:17

Sample ID: 24J4347-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Tetrachloroethylene	30	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Trichloroethylene	35	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Vinyl Chloride	18	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:18	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	102		70-130				11/6/24 15:18			
Toluene-d8	87.0		70-130				11/6/24 15:18			
4-Bromofluorobenzene	83.5		70-130				11/6/24 15:18			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-8

Sampled: 10/30/2024 10:27

Sample ID: 24J4347-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1	V-05	SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	11/5/24	11/6/24 15:45	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: MW-8

Sampled: 10/30/2024 10:27

Sample ID: 24J4347-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Trichloroethylene	0.17	1.0	0.17	µg/L	1	J	SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Vinyl Chloride	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/5/24	11/6/24 15:45	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	99.5		70-130				11/6/24 15:45			
Toluene-d8	95.1		70-130				11/6/24 15:45			
4-Bromofluorobenzene	82.1		70-130				11/6/24 15:45			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: DUP

Sampled: 10/30/2024 00:00

Sample ID: 24J4347-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	38	50	2.0	µg/L	1	J	SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1	V-05	SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
cis-1,2-Dichloroethylene	59	1.0	0.20	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
trans-1,2-Dichloroethylene	0.35	1.0	0.16	µg/L	1	J	SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Methyl tert-Butyl Ether (MTBE)	0.55	1.0	0.17	µg/L	1	J	SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	11/5/24	11/6/24 16:12	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 566 Washington Ave, Albany, NY

Sample Description:

Work Order: 24J4347

Date Received: 10/31/2024

Field Sample #: DUP

Sampled: 10/30/2024 00:00

Sample ID: 24J4347-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Tetrachloroethylene	34	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Trichloroethylene	35	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Vinyl Chloride	19	2.0	0.19	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/5/24	11/6/24 16:12	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	102		70-130				11/6/24 16:12			
Toluene-d8	97.0		70-130				11/6/24 16:12			
4-Bromofluorobenzene	82.4		70-130				11/6/24 16:12			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method:SW-846 5030B Analytical Method:SW-846 8260D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J4347-02 [MW-2]	B391460	5	5.00	11/05/24
24J4347-03 [MW-3]	B391460	5	5.00	11/05/24
24J4347-04 [MW-4]	B391460	5	5.00	11/05/24
24J4347-05 [MW-5]	B391460	5	5.00	11/05/24
24J4347-06 [MW-6R]	B391460	5	5.00	11/05/24
24J4347-07 [MW-8]	B391460	5	5.00	11/05/24
24J4347-08 [DUP]	B391460	5	5.00	11/05/24

Prep Method:SW-846 5030B Analytical Method:SW-846 8260D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J4347-01 [MW-1]	B391625	5	5.00	11/05/24

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B391460 - SW-846 5030B
Blank (B391460-BLK1)

Prepared: 11/05/24 Analyzed: 11/06/24

Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B391460 - SW-846 5030B										
Blank (B391460-BLK1)										
Prepared: 11/05/24 Analyzed: 11/06/24										
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	23.6		µg/L	25.00		94.3	70-130			
Surrogate: Toluene-d8	23.8		µg/L	25.00		95.2	70-130			
Surrogate: 4-Bromofluorobenzene	21.2		µg/L	25.00		84.9	70-130			
LCS (B391460-BS1)										
Prepared: 11/05/24 Analyzed: 11/06/24										
Acetone	90.3	50	µg/L	100.0		90.3	70-160			†
Benzene	10.6	1.0	µg/L	10.00		106	70-130			
Bromochloromethane	11.5	1.0	µg/L	10.00		115	70-130			
Bromodichloromethane	9.84	0.50	µg/L	10.00		98.4	70-130			
Bromoform	8.28	1.0	µg/L	10.00		82.8	70-130			
Bromomethane	12.7	2.0	µg/L	10.00		127	40-160	V-20		†
2-Butanone (MEK)	97.0	20	µg/L	100.0		97.0	40-160			†
n-Butylbenzene	9.12	1.0	µg/L	10.00		91.2	70-130			
sec-Butylbenzene	9.17	1.0	µg/L	10.00		91.7	70-130			
tert-Butylbenzene	9.28	1.0	µg/L	10.00		92.8	70-130			
Carbon Disulfide	91.3	5.0	µg/L	100.0		91.3	70-130			
Carbon Tetrachloride	9.50	5.0	µg/L	10.00		95.0	70-130			
Chlorobenzene	11.3	1.0	µg/L	10.00		113	70-130			
Chlorodibromomethane	9.18	0.50	µg/L	10.00		91.8	70-130			
Chloroethane	10.2	2.0	µg/L	10.00		102	70-130			
Chloroform	10.1	2.0	µg/L	10.00		101	70-130			
Chloromethane	10.4	2.0	µg/L	10.00		104	40-160			†
Cyclohexane	9.97	5.0	µg/L	10.00		99.7	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.49	5.0	µg/L	10.00		84.9	70-130	V-05		
1,2-Dibromoethane (EDB)	9.35	0.50	µg/L	10.00		93.5	70-130			
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130			
1,3-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130			
1,4-Dichlorobenzene	9.67	1.0	µg/L	10.00		96.7	70-130			
Dichlorodifluoromethane (Freon 12)	9.56	2.0	µg/L	10.00		95.6	40-160			†
1,1-Dichloroethane	9.80	1.0	µg/L	10.00		98.0	70-130			
1,2-Dichloroethane	10.4	1.0	µg/L	10.00		104	70-130			
1,1-Dichloroethylene	9.73	1.0	µg/L	10.00		97.3	70-130			
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.00		103	70-130			
trans-1,2-Dichloroethylene	9.64	1.0	µg/L	10.00		96.4	70-130			
1,2-Dichloropropane	9.99	1.0	µg/L	10.00		99.9	70-130			
cis-1,3-Dichloropropene	8.89	0.50	µg/L	10.00		88.9	70-130			
trans-1,3-Dichloropropene	8.30	0.50	µg/L	10.00		83.0	70-130			
Ethylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
2-Hexanone (MBK)	74.9	10	µg/L	100.0		74.9	70-160			†
Isopropylbenzene (Cumene)	9.67	1.0	µg/L	10.00		96.7	70-130			
p-Isopropyltoluene (p-Cymene)	9.25	1.0	µg/L	10.00		92.5	70-130			
Methyl Acetate	13.1	1.0	µg/L	10.00		131	* 70-130			L-02, V-20
Methyl tert-Butyl Ether (MTBE)	9.35	1.0	µg/L	10.00		93.5	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B391460 - SW-846 5030B
LCS (B391460-BS1)

Prepared: 11/05/24 Analyzed: 11/06/24

Methyl Cyclohexane	9.98	1.0	µg/L	10.00		99.8	70-130			
Methylene Chloride	9.94	5.0	µg/L	10.00		99.4	70-130			
4-Methyl-2-pentanone (MIBK)	86.6	10	µg/L	100.0		86.6	70-160			†
Naphthalene	6.90	2.0	µg/L	10.00		69.0	40-130		V-05	†
n-Propylbenzene	9.75	1.0	µg/L	10.00		97.5	70-130			
Styrene	10.0	1.0	µg/L	10.00		100	70-130			
1,1,2,2-Tetrachloroethane	9.93	0.50	µg/L	10.00		99.3	70-130			
Tetrachloroethylene	9.87	1.0	µg/L	10.00		98.7	70-130			
Toluene	9.85	1.0	µg/L	10.00		98.5	70-130			
1,2,3-Trichlorobenzene	10.0	5.0	µg/L	10.00		100	70-130			
1,2,4-Trichlorobenzene	8.82	1.0	µg/L	10.00		88.2	70-130			
1,1,1-Trichloroethane	9.68	1.0	µg/L	10.00		96.8	70-130			
1,1,2-Trichloroethane	9.54	1.0	µg/L	10.00		95.4	70-130			
Trichloroethylene	10.4	1.0	µg/L	10.00		104	70-130			
Trichlorofluoromethane (Freon 11)	9.97	2.0	µg/L	10.00		99.7	70-130			
1,2,3-Trichloropropane	10.6	2.0	µg/L	10.00		106	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.39	1.0	µg/L	10.00		93.9	70-130			
1,2,4-Trimethylbenzene	9.45	1.0	µg/L	10.00		94.5	70-130			
1,3,5-Trimethylbenzene	10.1	1.0	µg/L	10.00		101	70-130			
Vinyl Chloride	9.84	2.0	µg/L	10.00		98.4	40-160			†
m+p Xylene	20.7	2.0	µg/L	20.00		104	70-130			
o-Xylene	10.1	1.0	µg/L	10.00		101	70-130			
Xylenes (total)	30.8	1.0	µg/L	30.00		103	0-200			
Surrogate: 1,2-Dichloroethane-d4	24.1		µg/L	25.00		96.2	70-130			
Surrogate: Toluene-d8	23.2		µg/L	25.00		93.0	70-130			
Surrogate: 4-Bromofluorobenzene	23.8		µg/L	25.00		95.2	70-130			

LCS Dup (B391460-BSD1)

Prepared: 11/05/24 Analyzed: 11/06/24

Acetone	100	50	µg/L	100.0		100	70-160	10.7	25	†
Benzene	10.5	1.0	µg/L	10.00		105	70-130	0.853	25	
Bromochloromethane	12.0	1.0	µg/L	10.00		120	70-130	4.51	25	
Bromodichloromethane	10.4	0.50	µg/L	10.00		104	70-130	5.92	25	
Bromoform	8.18	1.0	µg/L	10.00		81.8	70-130	1.22	25	
Bromomethane	14.0	2.0	µg/L	10.00		140	40-160	10.3	25	V-20 †
2-Butanone (MEK)	106	20	µg/L	100.0		106	40-160	9.10	25	†
n-Butylbenzene	8.83	1.0	µg/L	10.00		88.3	70-130	3.23	25	
sec-Butylbenzene	9.38	1.0	µg/L	10.00		93.8	70-130	2.26	25	
tert-Butylbenzene	9.04	1.0	µg/L	10.00		90.4	70-130	2.62	25	
Carbon Disulfide	104	5.0	µg/L	100.0		104	70-130	12.6	25	
Carbon Tetrachloride	9.70	5.0	µg/L	10.00		97.0	70-130	2.08	25	
Chlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	3.24	25	
Chlorodibromomethane	9.81	0.50	µg/L	10.00		98.1	70-130	6.64	25	
Chloroethane	10.9	2.0	µg/L	10.00		109	70-130	6.06	25	
Chloroform	10.1	2.0	µg/L	10.00		101	70-130	0.396	25	
Chloromethane	11.2	2.0	µg/L	10.00		112	40-160	7.06	25	†
Cyclohexane	9.62	5.0	µg/L	10.00		96.2	70-130	3.57	25	
1,2-Dibromo-3-chloropropane (DBCP)	7.68	5.0	µg/L	10.00		76.8	70-130	10.0	25	V-05
1,2-Dibromoethane (EDB)	9.77	0.50	µg/L	10.00		97.7	70-130	4.39	25	
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130	1.36	25	
1,3-Dichlorobenzene	10.3	1.0	µg/L	10.00		103	70-130	0.978	25	
1,4-Dichlorobenzene	9.37	1.0	µg/L	10.00		93.7	70-130	3.15	25	
Dichlorodifluoromethane (Freon 12)	10.1	2.0	µg/L	10.00		101	40-160	5.89	25	†

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B391460 - SW-846 5030B
LCS Dup (B391460-BSD1)

Prepared: 11/05/24 Analyzed: 11/06/24

1,1-Dichloroethane	10.9	1.0	µg/L	10.00		109	70-130	10.4	25	
1,2-Dichloroethane	10.9	1.0	µg/L	10.00		109	70-130	4.68	25	
1,1-Dichloroethylene	10.8	1.0	µg/L	10.00		108	70-130	10.3	25	
cis-1,2-Dichloroethylene	11.2	1.0	µg/L	10.00		112	70-130	7.81	25	
trans-1,2-Dichloroethylene	10.5	1.0	µg/L	10.00		105	70-130	8.92	25	
1,2-Dichloropropane	10.0	1.0	µg/L	10.00		100	70-130	0.300	25	
cis-1,3-Dichloropropene	9.74	0.50	µg/L	10.00		97.4	70-130	9.13	25	
trans-1,3-Dichloropropene	9.15	0.50	µg/L	10.00		91.5	70-130	9.74	25	
Ethylbenzene	10.1	1.0	µg/L	10.00		101	70-130	0.692	25	
2-Hexanone (MBK)	88.1	10	µg/L	100.0		88.1	70-160	16.2	25	†
Isopropylbenzene (Cumene)	9.54	1.0	µg/L	10.00		95.4	70-130	1.35	25	
p-Isopropyltoluene (p-Cymene)	9.33	1.0	µg/L	10.00		93.3	70-130	0.861	25	
Methyl Acetate	13.9	1.0	µg/L	10.00		139	* 70-130	6.01	25	L-02, V-20
Methyl tert-Butyl Ether (MTBE)	10.0	1.0	µg/L	10.00		100	70-130	6.82	25	
Methyl Cyclohexane	10.0	1.0	µg/L	10.00		100	70-130	0.500	25	
Methylene Chloride	11.0	5.0	µg/L	10.00		110	70-130	10.4	25	
4-Methyl-2-pentanone (MIBK)	92.6	10	µg/L	100.0		92.6	70-160	6.75	25	†
Naphthalene	5.86	2.0	µg/L	10.00		58.6	40-130	16.3	25	V-05 †
n-Propylbenzene	9.82	1.0	µg/L	10.00		98.2	70-130	0.715	25	
Styrene	9.53	1.0	µg/L	10.00		95.3	70-130	5.11	25	
1,1,2,2-Tetrachloroethane	9.47	0.50	µg/L	10.00		94.7	70-130	4.74	25	
Tetrachloroethylene	10.8	1.0	µg/L	10.00		108	70-130	9.37	25	
Toluene	10.8	1.0	µg/L	10.00		108	70-130	9.02	25	
1,2,3-Trichlorobenzene	8.94	5.0	µg/L	10.00		89.4	70-130	11.3	25	
1,2,4-Trichlorobenzene	8.18	1.0	µg/L	10.00		81.8	70-130	7.53	25	
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.00		100	70-130	3.65	25	
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130	8.63	25	
Trichloroethylene	10.3	1.0	µg/L	10.00		103	70-130	0.774	25	
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.00		110	70-130	9.64	25	
1,2,3-Trichloropropane	10.6	2.0	µg/L	10.00		106	70-130	0.282	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	1.0	µg/L	10.00		100	70-130	6.79	25	
1,2,4-Trimethylbenzene	9.50	1.0	µg/L	10.00		95.0	70-130	0.528	25	
1,3,5-Trimethylbenzene	10.1	1.0	µg/L	10.00		101	70-130	0.0993	25	
Vinyl Chloride	10.6	2.0	µg/L	10.00		106	40-160	7.53	25	†
m+p Xylene	20.1	2.0	µg/L	20.00		101	70-130	2.99	25	
o-Xylene	9.98	1.0	µg/L	10.00		99.8	70-130	0.898	25	
Xylenes (total)	30.1	1.0	µg/L	30.00		100	0-200	2.30		
Surrogate: 1,2-Dichloroethane-d4	25.4		µg/L	25.00		101	70-130			
Surrogate: Toluene-d8	25.6		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	23.4		µg/L	25.00		93.8	70-130			

Matrix Spike (B391460-MS1)
Source: 24J4347-05

Prepared: 11/05/24 Analyzed: 11/06/24

Acetone	94.6	50	µg/L	100.0	2.29	92.4	70-130			
Benzene	9.42	1.0	µg/L	10.00	ND	94.2	70-130			
Bromochloromethane	10.2	1.0	µg/L	10.00	ND	102	70-130			
Bromodichloromethane	9.39	0.50	µg/L	10.00	ND	93.9	70-130			
Bromoform	7.23	1.0	µg/L	10.00	ND	72.3	70-130			
Bromomethane	13.2	2.0	µg/L	10.00	ND	132	* 70-130			MS-22, V-20
2-Butanone (MEK)	89.4	20	µg/L	100.0	ND	89.4	70-130			
n-Butylbenzene	6.24	1.0	µg/L	10.00	ND	62.4	* 70-130			MS-24
sec-Butylbenzene	7.48	1.0	µg/L	10.00	ND	74.8	70-130			
tert-Butylbenzene	7.56	1.0	µg/L	10.00	ND	75.6	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B391460 - SW-846 5030B										
Matrix Spike (B391460-MS1)	Source: 24J4347-05			Prepared: 11/05/24 Analyzed: 11/06/24						
Carbon Disulfide	95.6	5.0	µg/L	100.0	ND	95.6	70-130			
Carbon Tetrachloride	9.27	5.0	µg/L	10.00	ND	92.7	70-130			
Chlorobenzene	9.25	1.0	µg/L	10.00	ND	92.5	70-130			
Chlorodibromomethane	9.06	0.50	µg/L	10.00	ND	90.6	70-130			
Chloroethane	9.94	2.0	µg/L	10.00	ND	99.4	70-130			
Chloroform	9.19	2.0	µg/L	10.00	ND	91.9	70-130			
Chloromethane	11.4	2.0	µg/L	10.00	ND	114	70-130			
Cyclohexane	8.83	5.0	µg/L	10.00	ND	88.3	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	6.54	5.0	µg/L	10.00	ND	65.4 *	70-130			MS-09, V-05
1,2-Dibromoethane (EDB)	8.85	0.50	µg/L	10.00	ND	88.5	70-130			
1,2-Dichlorobenzene	8.33	1.0	µg/L	10.00	ND	83.3	70-130			
1,3-Dichlorobenzene	8.35	1.0	µg/L	10.00	ND	83.5	70-130			
1,4-Dichlorobenzene	7.43	1.0	µg/L	10.00	ND	74.3	70-130			
Dichlorodifluoromethane (Freon 12)	9.01	2.0	µg/L	10.00	ND	90.1	70-130			
1,1-Dichloroethane	10.2	1.0	µg/L	10.00	ND	102	70-130			
1,2-Dichloroethane	9.69	1.0	µg/L	10.00	ND	96.9	70-130			
1,1-Dichloroethylene	11.1	1.0	µg/L	10.00	0.460	106	70-130			
cis-1,2-Dichloroethylene	55.7	1.0	µg/L	10.00	43.5	122	70-130			
trans-1,2-Dichloroethylene	10.5	1.0	µg/L	10.00	0.480	100	70-130			
1,2-Dichloropropane	8.98	1.0	µg/L	10.00	ND	89.8	70-130			
cis-1,3-Dichloropropene	7.50	0.50	µg/L	10.00	ND	75.0	70-130			
trans-1,3-Dichloropropene	7.25	0.50	µg/L	10.00	ND	72.5	70-130			
Ethylbenzene	8.46	1.0	µg/L	10.00	ND	84.6	70-130			
2-Hexanone (MBK)	72.8	10	µg/L	100.0	ND	72.8	70-130			
Isopropylbenzene (Cumene)	7.83	1.0	µg/L	10.00	ND	78.3	70-130			
p-Isopropyltoluene (p-Cymene)	7.17	1.0	µg/L	10.00	ND	71.7	70-130			
Methyl Acetate	10.6	1.0	µg/L	10.00	ND	106	70-130			L-02, V-20
Methyl tert-Butyl Ether (MTBE)	8.72	1.0	µg/L	10.00	ND	87.2	70-130			
Methyl Cyclohexane	9.04	1.0	µg/L	10.00	ND	90.4	70-130			
Methylene Chloride	10.0	5.0	µg/L	10.00	ND	100	70-130			
4-Methyl-2-pentanone (MIBK)	80.5	10	µg/L	100.0	ND	80.5	70-130			
Naphthalene	1.63	2.0	µg/L	10.00	ND	16.3 *	70-130			MS-09, R-06, V-05, J
n-Propylbenzene	7.84	1.0	µg/L	10.00	ND	78.4	70-130			
Styrene	7.63	1.0	µg/L	10.00	ND	76.3	70-130			
1,1,2,2-Tetrachloroethane	8.47	0.50	µg/L	10.00	ND	84.7	70-130			
Tetrachloroethylene	165	1.0	µg/L	10.00	145	199 *	70-130			MS-24
Toluene	9.47	1.0	µg/L	10.00	ND	94.7	70-130			
1,2,3-Trichlorobenzene	4.71	5.0	µg/L	10.00	ND	47.1 *	70-130			MS-09, J
1,2,4-Trichlorobenzene	4.32	1.0	µg/L	10.00	ND	43.2 *	70-130			MS-09, R-06
1,1,1-Trichloroethane	9.19	1.0	µg/L	10.00	ND	91.9	70-130			
1,1,2-Trichloroethane	9.81	1.0	µg/L	10.00	ND	98.1	70-130			
Trichloroethylene	44.3	1.0	µg/L	10.00	31.4	129	70-130			
Trichlorofluoromethane (Freon 11)	10.9	2.0	µg/L	10.00	ND	109	70-130			
1,2,3-Trichloropropane	8.61	2.0	µg/L	10.00	ND	86.1	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.71	1.0	µg/L	10.00	ND	97.1	70-130			
1,2,4-Trimethylbenzene	7.29	1.0	µg/L	10.00	ND	72.9	70-130			
1,3,5-Trimethylbenzene	8.13	1.0	µg/L	10.00	ND	81.3	70-130			
Vinyl Chloride	29.0	2.0	µg/L	10.00	16.5	124	70-130			
m+p Xylene	16.7	2.0	µg/L	20.00	ND	83.3	70-130			
o-Xylene	7.92	1.0	µg/L	10.00	ND	79.2	70-130			
Xylenes (total)	24.6	1.0	µg/L	30.00	ND	81.9	0-200			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B391460 - SW-846 5030B										
Matrix Spike (B391460-MS1)	Source: 24J4347-05			Prepared: 11/05/24 Analyzed: 11/06/24						
Surrogate: 1,2-Dichloroethane-d4	25.9		µg/L	25.00		103	70-130			
Surrogate: Toluene-d8	26.0		µg/L	25.00		104	70-130			
Surrogate: 4-Bromofluorobenzene	23.2		µg/L	25.00		92.9	70-130			
Matrix Spike Dup (B391460-MSD1)	Source: 24J4347-05			Prepared: 11/05/24 Analyzed: 11/06/24						
Acetone	88.6	50	µg/L	100.0	2.29	86.4	70-130	6.55	30	
Benzene	9.12	1.0	µg/L	10.00	ND	91.2	70-130	3.24	30	
Bromochloromethane	10.4	1.0	µg/L	10.00	ND	104	70-130	2.52	30	
Bromodichloromethane	9.63	0.50	µg/L	10.00	ND	96.3	70-130	2.52	30	
Bromoform	7.39	1.0	µg/L	10.00	ND	73.9	70-130	2.19	30	
Bromomethane	12.2	2.0	µg/L	10.00	ND	122	70-130	7.89	30	V-20
2-Butanone (MEK)	92.8	20	µg/L	100.0	ND	92.8	70-130	3.69	30	
n-Butylbenzene	7.52	1.0	µg/L	10.00	ND	75.2	70-130	18.6	30	
sec-Butylbenzene	8.37	1.0	µg/L	10.00	ND	83.7	70-130	11.2	30	
tert-Butylbenzene	8.01	1.0	µg/L	10.00	ND	80.1	70-130	5.78	30	
Carbon Disulfide	91.9	5.0	µg/L	100.0	ND	91.9	70-130	3.98	30	
Carbon Tetrachloride	9.30	5.0	µg/L	10.00	ND	93.0	70-130	0.323	30	
Chlorobenzene	9.95	1.0	µg/L	10.00	ND	99.5	70-130	7.29	30	
Chlorodibromomethane	8.87	0.50	µg/L	10.00	ND	88.7	70-130	2.12	30	
Chloroethane	9.63	2.0	µg/L	10.00	ND	96.3	70-130	3.17	30	
Chloroform	9.59	2.0	µg/L	10.00	ND	95.9	70-130	4.26	30	
Chloromethane	10.0	2.0	µg/L	10.00	ND	100	70-130	12.1	30	
Cyclohexane	9.78	5.0	µg/L	10.00	ND	97.8	70-130	10.2	30	
1,2-Dibromo-3-chloropropane (DBCP)	6.63	5.0	µg/L	10.00	ND	66.3 *	70-130	1.37	30	MS-09, V-05
1,2-Dibromoethane (EDB)	9.12	0.50	µg/L	10.00	ND	91.2	70-130	3.01	30	
1,2-Dichlorobenzene	9.34	1.0	µg/L	10.00	ND	93.4	70-130	11.4	30	
1,3-Dichlorobenzene	9.37	1.0	µg/L	10.00	ND	93.7	70-130	11.5	30	
1,4-Dichlorobenzene	9.19	1.0	µg/L	10.00	ND	91.9	70-130	21.2	30	
Dichlorodifluoromethane (Freon 12)	9.04	2.0	µg/L	10.00	ND	90.4	70-130	0.332	30	
1,1-Dichloroethane	9.29	1.0	µg/L	10.00	ND	92.9	70-130	9.34	30	
1,2-Dichloroethane	9.77	1.0	µg/L	10.00	ND	97.7	70-130	0.822	30	
1,1-Dichloroethylene	9.93	1.0	µg/L	10.00	0.460	94.7	70-130	10.8	30	
cis-1,2-Dichloroethylene	54.0	1.0	µg/L	10.00	43.5	105	70-130	3.15	30	
trans-1,2-Dichloroethylene	9.88	1.0	µg/L	10.00	0.480	94.0	70-130	6.18	30	
1,2-Dichloropropane	9.26	1.0	µg/L	10.00	ND	92.6	70-130	3.07	30	
cis-1,3-Dichloropropene	7.97	0.50	µg/L	10.00	ND	79.7	70-130	6.08	30	
trans-1,3-Dichloropropene	7.58	0.50	µg/L	10.00	ND	75.8	70-130	4.45	30	
Ethylbenzene	9.14	1.0	µg/L	10.00	ND	91.4	70-130	7.73	30	
2-Hexanone (MBK)	78.0	10	µg/L	100.0	ND	78.0	70-130	6.87	30	
Isopropylbenzene (Cumene)	8.37	1.0	µg/L	10.00	ND	83.7	70-130	6.67	30	
p-Isopropyltoluene (p-Cymene)	8.04	1.0	µg/L	10.00	ND	80.4	70-130	11.4	30	
Methyl Acetate	10.1	1.0	µg/L	10.00	ND	101	70-130	5.60	30	L-02, V-20
Methyl tert-Butyl Ether (MTBE)	8.10	1.0	µg/L	10.00	ND	81.0	70-130	7.37	30	
Methyl Cyclohexane	9.95	1.0	µg/L	10.00	ND	99.5	70-130	9.58	30	
Methylene Chloride	9.39	5.0	µg/L	10.00	ND	93.9	70-130	6.29	30	
4-Methyl-2-pentanone (MIBK)	84.0	10	µg/L	100.0	ND	84.0	70-130	4.28	30	
Naphthalene	3.07	2.0	µg/L	10.00	ND	30.7 *	70-130	61.3 *	30	MS-09, R-06, V-05
n-Propylbenzene	8.45	1.0	µg/L	10.00	ND	84.5	70-130	7.49	30	
Styrene	8.03	1.0	µg/L	10.00	ND	80.3	70-130	5.11	30	
1,1,2,2-Tetrachloroethane	9.01	0.50	µg/L	10.00	ND	90.1	70-130	6.18	30	
Tetrachloroethylene	157	1.0	µg/L	10.00	145	118	70-130	5.07	30	
Toluene	9.63	1.0	µg/L	10.00	ND	96.3	70-130	1.68	30	

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B391460 - SW-846 5030B
Matrix Spike Dup (B391460-MSD1)
Source: 24J4347-05

Prepared: 11/05/24 Analyzed: 11/06/24

1,2,3-Trichlorobenzene	6.34	5.0	µg/L	10.00	ND	63.4	* 70-130	29.5	30	MS-09
1,2,4-Trichlorobenzene	5.85	1.0	µg/L	10.00	ND	58.5	* 70-130	30.1	* 30	MS-09, R-06
1,1,1-Trichloroethane	9.51	1.0	µg/L	10.00	ND	95.1	70-130	3.42	30	
1,1,2-Trichloroethane	9.32	1.0	µg/L	10.00	ND	93.2	70-130	5.12	30	
Trichloroethylene	42.1	1.0	µg/L	10.00	31.4	107	70-130	5.19	30	
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.00	ND	102	70-130	7.00	30	
1,2,3-Trichloropropane	9.86	2.0	µg/L	10.00	ND	98.6	70-130	13.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.29	1.0	µg/L	10.00	ND	92.9	70-130	4.42	30	
1,2,4-Trimethylbenzene	8.12	1.0	µg/L	10.00	ND	81.2	70-130	10.8	30	
1,3,5-Trimethylbenzene	8.91	1.0	µg/L	10.00	ND	89.1	70-130	9.15	30	
Vinyl Chloride	27.6	2.0	µg/L	10.00	16.5	111	70-130	4.70	30	
m+p Xylene	17.8	2.0	µg/L	20.00	ND	89.2	70-130	6.90	20	
o-Xylene	8.35	1.0	µg/L	10.00	ND	83.5	70-130	5.29	30	
Xylenes (total)	26.2	1.0	µg/L	30.00	ND	87.3	0-200	6.38		
Surrogate: 1,2-Dichloroethane-d4	24.3		µg/L	25.00		97.4	70-130			
Surrogate: Toluene-d8	25.3		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	23.5		µg/L	25.00		94.0	70-130			

Batch B391625 - SW-846 5030B
Blank (B391625-BLK1)

Prepared & Analyzed: 11/07/24

Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05
Cyclohexane	ND	5.0	µg/L							V-05
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B391625 - SW-846 5030B
Blank (B391625-BLK1)

Prepared & Analyzed: 11/07/24

trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							V-05
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	30.7		µg/L	25.00		123	70-130			
Surrogate: Toluene-d8	26.3		µg/L	25.00		105	70-130			
Surrogate: 4-Bromofluorobenzene	24.3		µg/L	25.00		97.1	70-130			

LCS (B391625-BS1)

Prepared & Analyzed: 11/07/24

Acetone	85.2	50	µg/L	100.0		85.2	70-160			†
Benzene	9.69	1.0	µg/L	10.00		96.9	70-130			
Bromochloromethane	9.95	1.0	µg/L	10.00		99.5	70-130			
Bromodichloromethane	11.4	0.50	µg/L	10.00		114	70-130			
Bromoform	10.9	1.0	µg/L	10.00		109	70-130			
Bromomethane	9.93	2.0	µg/L	10.00		99.3	40-160			†
2-Butanone (MEK)	88.0	20	µg/L	100.0		88.0	40-160			†
n-Butylbenzene	10.7	1.0	µg/L	10.00		107	70-130			
sec-Butylbenzene	9.98	1.0	µg/L	10.00		99.8	70-130			
tert-Butylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
Carbon Disulfide	86.8	5.0	µg/L	100.0		86.8	70-130			
Carbon Tetrachloride	10.2	5.0	µg/L	10.00		102	70-130			
Chlorobenzene	9.55	1.0	µg/L	10.00		95.5	70-130			
Chlorodibromomethane	11.4	0.50	µg/L	10.00		114	70-130			
Chloroethane	8.40	2.0	µg/L	10.00		84.0	70-130			
Chloroform	11.3	2.0	µg/L	10.00		113	70-130			
Chloromethane	7.98	2.0	µg/L	10.00		79.8	40-160			

V-05 †

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B391625 - SW-846 5030B										
LCS (B391625-BS1)				Prepared & Analyzed: 11/07/24						
Cyclohexane	8.30	5.0	µg/L	10.00		83.0	70-130			V-05
1,2-Dibromo-3-chloropropane (DBCP)	11.5	5.0	µg/L	10.00		115	70-130			
1,2-Dibromoethane (EDB)	11.3	0.50	µg/L	10.00		113	70-130			
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.00		101	70-130			
1,3-Dichlorobenzene	10.0	1.0	µg/L	10.00		100	70-130			
1,4-Dichlorobenzene	9.70	1.0	µg/L	10.00		97.0	70-130			
Dichlorodifluoromethane (Freon 12)	10.1	2.0	µg/L	10.00		101	40-160			†
1,1-Dichloroethane	9.24	1.0	µg/L	10.00		92.4	70-130			
1,2-Dichloroethane	12.0	1.0	µg/L	10.00		120	70-130			
1,1-Dichloroethylene	8.99	1.0	µg/L	10.00		89.9	70-130			
cis-1,2-Dichloroethylene	9.83	1.0	µg/L	10.00		98.3	70-130			
trans-1,2-Dichloroethylene	8.94	1.0	µg/L	10.00		89.4	70-130			
1,2-Dichloropropane	9.61	1.0	µg/L	10.00		96.1	70-130			
cis-1,3-Dichloropropene	11.2	0.50	µg/L	10.00		112	70-130			
trans-1,3-Dichloropropene	11.7	0.50	µg/L	10.00		117	70-130			
Ethylbenzene	9.80	1.0	µg/L	10.00		98.0	70-130			
2-Hexanone (MBK)	95.9	10	µg/L	100.0		95.9	70-160			†
Isopropylbenzene (Cumene)	9.55	1.0	µg/L	10.00		95.5	70-130			
p-Isopropyltoluene (p-Cymene)	10.0	1.0	µg/L	10.00		100	70-130			
Methyl Acetate	10.1	1.0	µg/L	10.00		101	70-130			
Methyl tert-Butyl Ether (MTBE)	10.2	1.0	µg/L	10.00		102	70-130			
Methyl Cyclohexane	10.2	1.0	µg/L	10.00		102	70-130			
Methylene Chloride	7.36	5.0	µg/L	10.00		73.6	70-130			V-05
4-Methyl-2-pentanone (MIBK)	96.4	10	µg/L	100.0		96.4	70-160			†
Naphthalene	10.3	2.0	µg/L	10.00		103	40-130			†
n-Propylbenzene	9.89	1.0	µg/L	10.00		98.9	70-130			
Styrene	9.86	1.0	µg/L	10.00		98.6	70-130			
1,1,1,2-Tetrachloroethane	10.5	0.50	µg/L	10.00		105	70-130			
Tetrachloroethylene	10.1	1.0	µg/L	10.00		101	70-130			
Toluene	9.84	1.0	µg/L	10.00		98.4	70-130			
1,2,3-Trichlorobenzene	9.88	5.0	µg/L	10.00		98.8	70-130			
1,2,4-Trichlorobenzene	10.0	1.0	µg/L	10.00		100	70-130			
1,1,1-Trichloroethane	10.7	1.0	µg/L	10.00		107	70-130			
1,1,2-Trichloroethane	11.4	1.0	µg/L	10.00		114	70-130			
Trichloroethylene	10.2	1.0	µg/L	10.00		102	70-130			
Trichlorofluoromethane (Freon 11)	11.3	2.0	µg/L	10.00		113	70-130			
1,2,3-Trichloropropane	10.3	2.0	µg/L	10.00		103	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.08	1.0	µg/L	10.00		90.8	70-130			
1,2,4-Trimethylbenzene	10.5	1.0	µg/L	10.00		105	70-130			
1,3,5-Trimethylbenzene	9.74	1.0	µg/L	10.00		97.4	70-130			
Vinyl Chloride	8.41	2.0	µg/L	10.00		84.1	40-160			†
m+p Xylene	19.0	2.0	µg/L	20.00		95.0	70-130			
o-Xylene	9.94	1.0	µg/L	10.00		99.4	70-130			
Xylenes (total)	28.9	1.0	µg/L	30.00		96.5	0-200			
Surrogate: 1,2-Dichloroethane-d4	28.4		µg/L	25.00		113	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	24.2		µg/L	25.00		96.7	70-130			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B391625 - SW-846 5030B										
LCS Dup (B391625-BSD1)										
Prepared & Analyzed: 11/07/24										
Acetone	85.6	50	µg/L	100.0		85.6	70-160	0.421	25	†
Benzene	10.2	1.0	µg/L	10.00		102	70-130	4.83	25	
Bromochloromethane	9.86	1.0	µg/L	10.00		98.6	70-130	0.909	25	
Bromodichloromethane	12.3	0.50	µg/L	10.00		123	70-130	8.27	25	
Bromoform	10.7	1.0	µg/L	10.00		107	70-130	2.31	25	
Bromomethane	10.3	2.0	µg/L	10.00		103	40-160	3.85	25	†
2-Butanone (MEK)	89.7	20	µg/L	100.0		89.7	40-160	1.93	25	†
n-Butylbenzene	11.0	1.0	µg/L	10.00		110	70-130	2.49	25	
sec-Butylbenzene	10.3	1.0	µg/L	10.00		103	70-130	3.06	25	
tert-Butylbenzene	10.5	1.0	µg/L	10.00		105	70-130	2.50	25	
Carbon Disulfide	88.3	5.0	µg/L	100.0		88.3	70-130	1.79	25	
Carbon Tetrachloride	10.9	5.0	µg/L	10.00		109	70-130	6.36	25	
Chlorobenzene	9.91	1.0	µg/L	10.00		99.1	70-130	3.70	25	
Chlorodibromomethane	12.1	0.50	µg/L	10.00		121	70-130	5.88	25	
Chloroethane	9.76	2.0	µg/L	10.00		97.6	70-130	15.0	25	
Chloroform	11.3	2.0	µg/L	10.00		113	70-130	0.177	25	
Chloromethane	8.04	2.0	µg/L	10.00		80.4	40-160	0.749	25	V-05 †
Cyclohexane	8.48	5.0	µg/L	10.00		84.8	70-130	2.15	25	V-05
1,2-Dibromo-3-chloropropane (DBCP)	12.1	5.0	µg/L	10.00		121	70-130	4.66	25	
1,2-Dibromoethane (EDB)	11.4	0.50	µg/L	10.00		114	70-130	1.23	25	
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.00		103	70-130	1.67	25	
1,3-Dichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130	3.53	25	
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.00		101	70-130	4.04	25	
Dichlorodifluoromethane (Freon 12)	10.3	2.0	µg/L	10.00		103	40-160	2.06	25	†
1,1-Dichloroethane	9.62	1.0	µg/L	10.00		96.2	70-130	4.03	25	
1,2-Dichloroethane	11.0	1.0	µg/L	10.00		110	70-130	8.19	25	
1,1-Dichloroethylene	9.06	1.0	µg/L	10.00		90.6	70-130	0.776	25	
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.00		100	70-130	2.21	25	
trans-1,2-Dichloroethylene	9.19	1.0	µg/L	10.00		91.9	70-130	2.76	25	
1,2-Dichloropropane	9.64	1.0	µg/L	10.00		96.4	70-130	0.312	25	
cis-1,3-Dichloropropene	11.3	0.50	µg/L	10.00		113	70-130	1.51	25	
trans-1,3-Dichloropropene	12.0	0.50	µg/L	10.00		120	70-130	2.36	25	
Ethylbenzene	10.2	1.0	µg/L	10.00		102	70-130	3.71	25	
2-Hexanone (MBK)	97.4	10	µg/L	100.0		97.4	70-160	1.55	25	†
Isopropylbenzene (Cumene)	9.92	1.0	µg/L	10.00		99.2	70-130	3.80	25	
p-Isopropyltoluene (p-Cymene)	10.4	1.0	µg/L	10.00		104	70-130	3.43	25	
Methyl Acetate	11.8	1.0	µg/L	10.00		118	70-130	15.3	25	
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	µg/L	10.00		103	70-130	0.681	25	
Methyl Cyclohexane	10.8	1.0	µg/L	10.00		108	70-130	5.53	25	
Methylene Chloride	7.71	5.0	µg/L	10.00		77.1	70-130	4.64	25	V-05
4-Methyl-2-pentanone (MIBK)	98.7	10	µg/L	100.0		98.7	70-160	2.39	25	†
Naphthalene	10.3	2.0	µg/L	10.00		103	40-130	0.0972	25	†
n-Propylbenzene	10.3	1.0	µg/L	10.00		103	70-130	3.87	25	
Styrene	10.0	1.0	µg/L	10.00		100	70-130	1.71	25	
1,1,2,2-Tetrachloroethane	10.9	0.50	µg/L	10.00		109	70-130	3.84	25	
Tetrachloroethylene	10.7	1.0	µg/L	10.00		107	70-130	5.76	25	
Toluene	10.4	1.0	µg/L	10.00		104	70-130	5.73	25	
1,2,3-Trichlorobenzene	9.58	5.0	µg/L	10.00		95.8	70-130	3.08	25	
1,2,4-Trichlorobenzene	10.3	1.0	µg/L	10.00		103	70-130	2.66	25	
1,1,1-Trichloroethane	11.8	1.0	µg/L	10.00		118	70-130	10.1	25	
1,1,2-Trichloroethane	10.9	1.0	µg/L	10.00		109	70-130	5.02	25	
Trichloroethylene	10.9	1.0	µg/L	10.00		109	70-130	6.17	25	

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B391625 - SW-846 5030B
LCS Dup (B391625-BSD1)

Prepared & Analyzed: 11/07/24

Trichlorofluoromethane (Freon 11)	11.5	2.0	µg/L	10.00		115	70-130	1.93	25	
1,2,3-Trichloropropane	10.7	2.0	µg/L	10.00		107	70-130	4.11	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.41	1.0	µg/L	10.00		94.1	70-130	3.57	25	
1,2,4-Trimethylbenzene	10.8	1.0	µg/L	10.00		108	70-130	2.91	25	
1,3,5-Trimethylbenzene	10.3	1.0	µg/L	10.00		103	70-130	5.30	25	
Vinyl Chloride	9.08	2.0	µg/L	10.00		90.8	40-160	7.66	25	†
m+p Xylene	19.6	2.0	µg/L	20.00		98.2	70-130	3.26	25	
o-Xylene	10.1	1.0	µg/L	10.00		101	70-130	1.30	25	
Xylenes (total)	29.7	1.0	µg/L	30.00		99.0	0-200	2.59		

Surrogate: 1,2-Dichloroethane-d4	30.6		µg/L	25.00		123	70-130			
Surrogate: Toluene-d8	25.8		µg/L	25.00		103	70-130			
Surrogate: 4-Bromofluorobenzene	24.6		µg/L	25.00		98.4	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
S-17	Surrogate recovery is outside of control limits. Data validation is not affected since all associated results are less than the reporting limit and bias is on the high side.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Ethylbenzene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,2,3-Trichloropropane	ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
1,2,4-Trimethylbenzene	ME,VA,NY
1,3,5-Trimethylbenzene	ME,VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
m+p Xylene	CT,ME,NH,VA,NY
o-Xylene	CT,ME,NH,VA,NY
Xylenes (total)	ME,NY

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

Phone: 413-525-2332
39 Spruce St
East Longmeadow, MA 01026

245
2454347

Contact: <https://www.aeslabs.com/contact-us/contact-us?comment=thankyou>
Consultant: NYSDEC

Consultant Address: 625 Broadway, Albany, NY 12233

Consultant Phone: 518-402-8644

Project Location: 566 Washington Ave, Albany

Callout Number: 151681

Silo/Spill Number: 401065

Project Manager: Kyle Forster

Para Analytical Quote Number/Number: 151681

Invoice Recipient: NYSDEC / Kyle Forster

Sampled By: Kyle Forster

Client Sample ID / Description

1 MW-1

2 MW-2

3 MW-3

4 MW-4

5 MW-5

6 MW-6R

7 MW-8

8 DUP

Beginning Date/Time

11:12

11:35

13:19

14:02

12:23

14:17

10:27

Ending Date/Time

11:12

11:35

13:19

14:02

12:23

14:17

10:27

Composites

Grab

1st

2nd

3rd

4th

5th

6th

7th

8th

DEC Standard 30-calendar day

Due Date:

1-Day

2-Day

3-Day

4-Day

5-Day

10-Day

Format: PDF

Excel

Other:

CLP Lite (Level 4) Data Plg Required:

Email To: Kyle.Foster@aeslabs.com

Part To It:

9260: DER TC / Cr-51

8270: DER TC / Cr-51

1,4-Dioxane SIM - 8082 PCBs

8081 Pesticide - 8151 Herbicide

TAL Total Metals - TCLP RCRA 8 Metals

PFAS 1633 - PFAS 537 ID

MS/MSD

ANALYSIS REQUESTED

Analysis / Reporting List

of Containers

Preservation Code

Container Code

Field Filtered

Lab to Filter

Field Filtered

Lab to Filter

1st Metric Codes:

GW = Ground Water

WW = Waste Water

DWW = Drinking Water

A = Air

S = Soil

SL = Sludge

SQL = Field

O = Other (please define)

2nd Preservation Codes:

I = Ice

H = HCL

M = Methanol

N = Nitric Acid

S = Sulfuric Acid

B = Sodium Bisulfate

X = Sodium Hydroxide

T = Sodium

Thiosulfate

O = Other (please define)

3rd Container Codes:

A = Amber Glass

G = Glass

P = Plastic

ST = Sterile

V = Vial

S = Summa Cantaret

T = Tedlar Bag

O = Other (please define)

PER ONLY

Socklet

Non Socklet

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown



AWQS STDS
NYC Sewer Discharge
Part 360 GW (Landfill)
NY Restricted Use
NY Unrestricted Use
NY Part 375

NY TOGS
NY CP-51

Enhanced Data Package
NYSDEC EQUIS EDD
EQUIS (Standard) EDD
NY Regulatory EDD
NY Regs Mts-Only EDD

Project Entry

Government

Federal

City

Municipality

21 J

Brownfield

AWRA

School

MBTA

WKTA

Chromatogram

AWA-LAP LLC

	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

Log In Back-Sheet

Login Sample Receipt Checklist – (Rejection Criteria Listing
– Using Acceptance Policy) Any False statement will be
brought to the attention of the Client – True or False

Client NYSDECProject RHO Dry CleanersMCP/RCP Required NADeliverable Package Requirement NALocation 566 Washington Ave, AlbanyPWSID# (When Applicable) NA

Arrival Method:

Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐Received By / Date / Time LA 10/31/14 7:38Back-Sheet By / Date / Time LA 11/4/14 9:40Temperature Method Gun # 6WV samples: Yes (see note*) ☒ No (follow normal procedure)Temp V < 6° C Actual Temperature 1.3Rush Samples: Yes ☒ No ☐ NotifyShort Hold: Yes ☒ No ☐ Notify

True False

Received on Ice ☒ ☐Received in Cooler ☐ ☐Custody Seal: DATE TIME ☐ ☒COC Relinquished ☒ ☐COC/Samples Labels Agree ☒ ☐All Samples in Good Condition ☒ ☐Samples Received within Holding Time ☒ ☐Is there enough Volume ☒ ☐Proper Media/Container Used ☒ ☐Splitting Samples Required ☒ ☐MS/MSD ☒ ☐Trip Blanks ☒ ☒Lab to Filters ☐ ☒COC Legible ☒ ☐

COC Included: (Check all included)

Client ☒ Analysis ☒ Sampler Name ☒Project ☒ IDs ☒ Collection Date/Time ☒All Samples Proper pH: N/A ☐ ☐

Notes regarding Samples/COC outside of SOP:

Additional Container Notes

**Note: West Virginia requires all samples to have their
temperature taken. Note any outliers.*

VOA

SAMPLE DATA

1 - FORM I

ANALYSIS DATA SHEET

MW-1

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-01
		File ID:	B24V31215.D
Sampled:	10/30/24 11:12	Prepared:	11/05/24 13:26
		Analyzed:	11/07/24 12:57
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391625	Sequence:	S113570
		Calibration:	2301046
		Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide		1.5	5.0	
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	V-05
110-82-7	Cyclohexane		1.8	5.0	V-05
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.16	1.0	

1 - FORM I

ANALYSIS DATA SHEET

MW-1

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-01
		File ID:	B24V31215.D
Sampled:	10/30/24 11:12	Prepared:	11/05/24 13:26
		Analyzed:	11/07/24 12:57
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391625	Sequence:	S113570
		Calibration:	2301046
		Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene		0.14	1.0	
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene		0.25	2.0	
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride		0.19	2.0	

1 - FORM I

ANALYSIS DATA SHEET

MW-1

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Ren Project: Former RKO Drycleaners - CO 151681
Matrix: Ground Water Laboratory ID: 24J4347-01 File ID: B24V31215.D
Sampled: 10/30/24 11:12 Prepared: 11/05/24 13:26 Analyzed: 11/07/24 12:57
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B391625 Sequence: S113570 Calibration: 2301046 Instrument: GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene		0.25	2.0	
95-47-6	o-Xylene		0.16	1.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\B110724\
 Data File : B24V31215.D
 Acq On : 7 Nov 2024 12:57 pm
 Operator :
 Sample : 24J4347-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Nov 08 09:52:41 2024
 Quant Method : C:\msdchem\1\methods\B082223W.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Nov 08 09:51:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.977	168	144987	30.00	UG/L	0.00
44) 1,4-DIFLUOROBENZENE - ...	4.730	114	255757	30.00	UG/L	0.00
65) CHLOROBENZENE-D5 ISTD	7.792	82	157532	30.00	UG/L	0.00
84) 1,4-DICHLOROBENZENE-D4...	10.299	152	152165	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	104927	34.79	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	139.16%#		
45) TOLUENE-D8 SS	6.264	98	281557	26.18	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	104.72%		
66) 4-BROMOFLUROBENZENE SS	9.061	95	120190	24.02	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.08%		
Target Compounds						Qvalue
4) DIFLUOROCHLOROMETHANE	1.024	51	1454	0.39	UG/L	# 37
17) IODOMETHANE	1.989	142	2234	0.75	UG/L	# 71

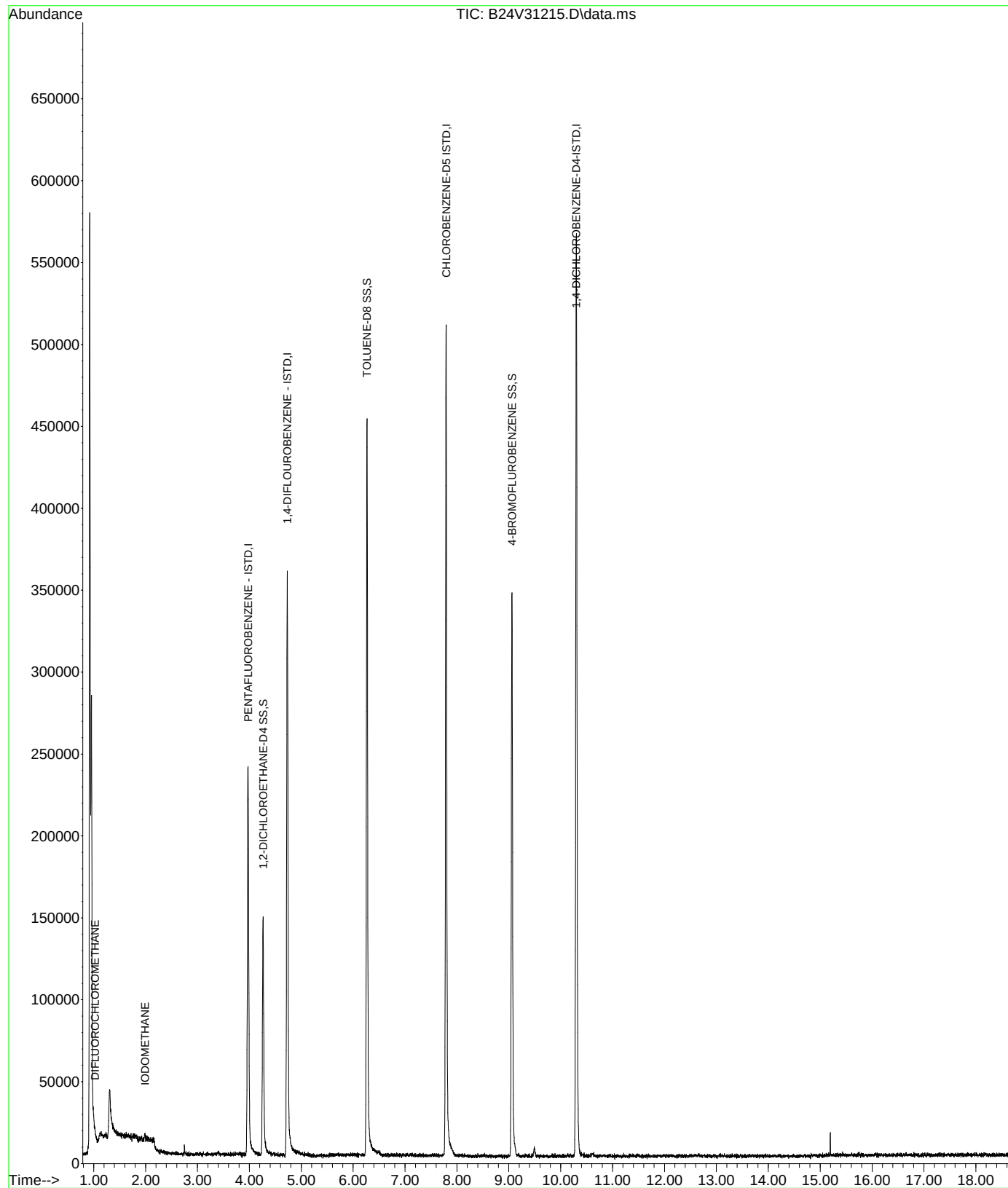
(#) = qualifier out of range (m) = manual integration (+) = signals summed

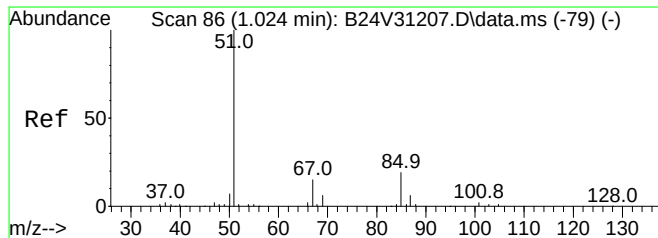
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31215.D
Acq On : 7 Nov 2024 12:57 pm
Operator :
Sample : 24J4347-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

48

Inst : GCMSV0A2

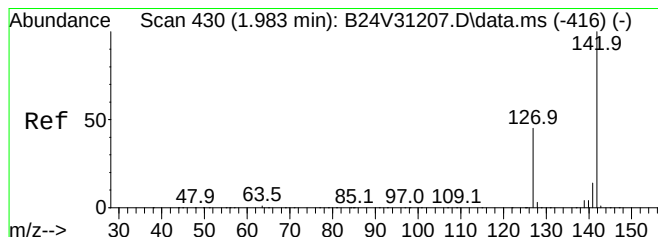
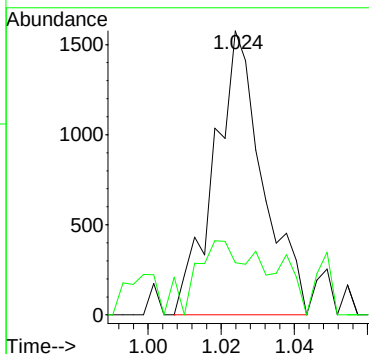
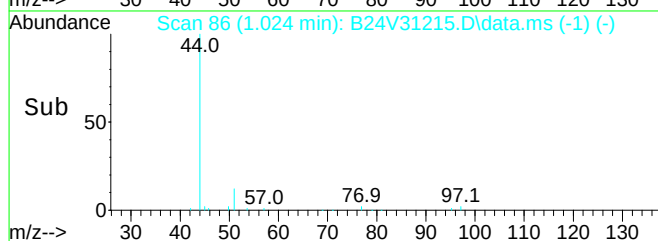
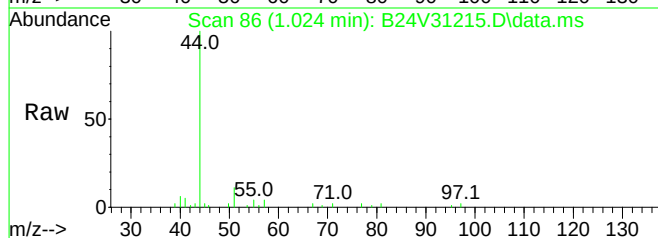
Quant Time: Nov 08 09:52:41 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Nov 08 09:51:50 2024
Response via : Initial Calibration





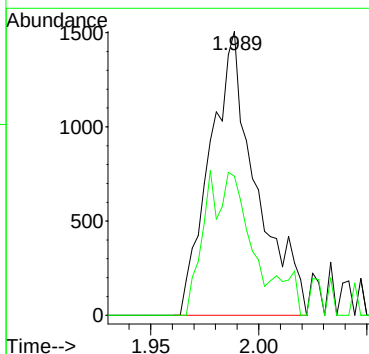
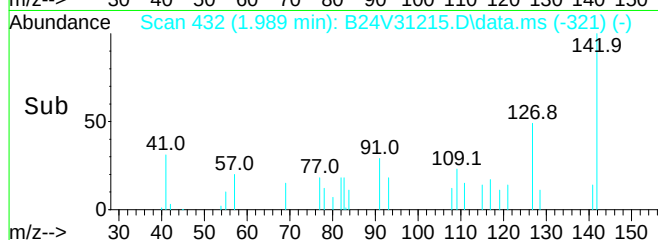
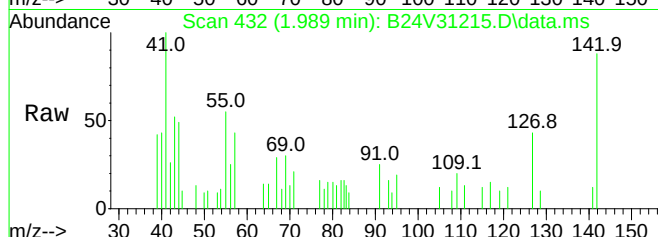
#4
 DIFLUOROCHLOROMETHANE
 Concen: 0.39 UG/L
 RT: 1.024 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: B24V31215.D
 Acq: 7 Nov 2024 12:57 pm

Tgt Ion: 51 Resp: 1454
 Ion Ratio Lower Upper
 51 100
 67 38.2 10.5 15.7#



#17
 IODOMETHANE
 Concen: 0.75 UG/L
 RT: 1.989 min Scan# 432
 Delta R.T. 0.008 min
 Lab File: B24V31215.D
 Acq: 7 Nov 2024 12:57 pm

Tgt Ion: 142 Resp: 2234
 Ion Ratio Lower Upper
 142 100
 127 21.3 31.4 47.2#



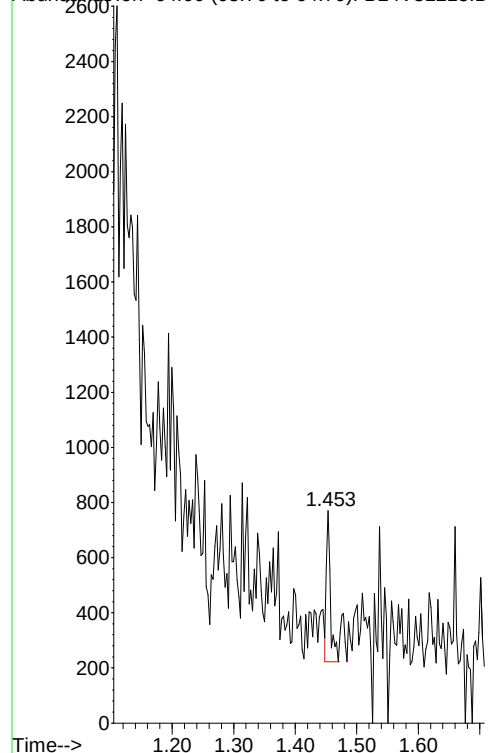
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31215.D
Acq On : 7 Nov 2024 12:57 pm
Operator :
Sample : 24J4347-01
Misc :

Quant Time : Fri Nov 08 12:33:50 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

CHLOROETHANE

Abundance Ion 64.00 (63.70 to 64.70): B24V31215.D



Original Int. Results

RT : 1.45
Area : 250
Amount: 0.144879

Manual Int. Results

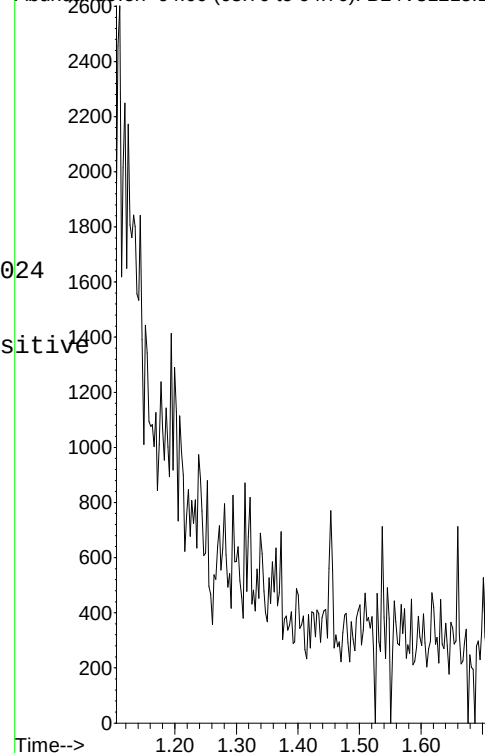
Fri Nov 08 12:32:35 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

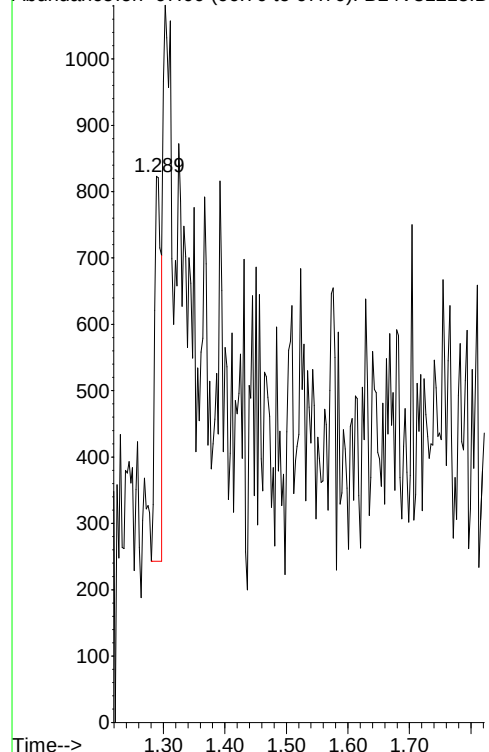
Manual Integration

CHLOROETHANE

Abundance Ion 64.00 (63.70 to 64.70): B24V31215.D

Original Integration
FLUORODICHLOROMETHANE

Abundance Ion 67.00 (66.70 to 67.70): B24V31215.D



Original Int. Results

RT : 1.29
Area : 427
Amount: 0.108398

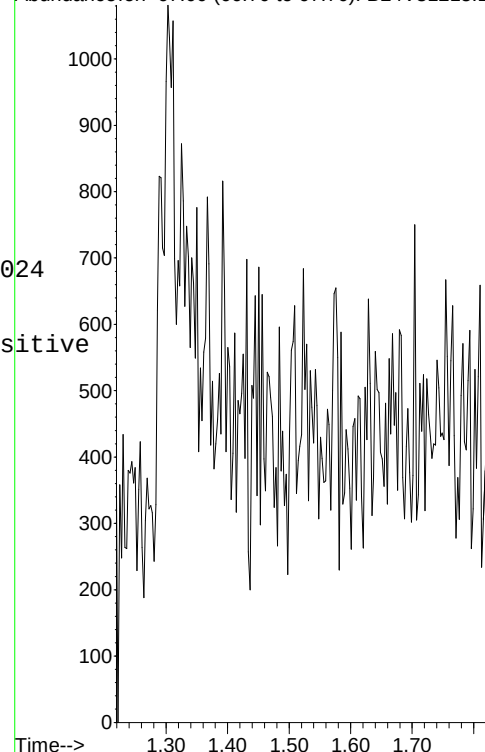
Manual Int. Results

Fri Nov 08 12:32:44 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
FLUORODICHLOROMETHANE

Abundance Ion 67.00 (66.70 to 67.70): B24V31215.D



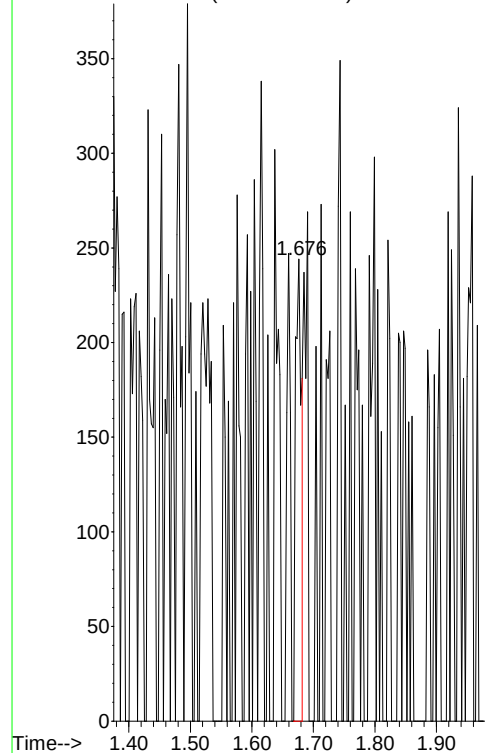
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31215.D
Acq On : 7 Nov 2024 12:57 pm
Operator :
Sample : 24J4347-01
Misc :

Quant Time : Fri Nov 08 12:33:50 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

ETHANOL

Abundance Ion 45.00 (44.70 to 45.70): B24V31215.D



Original Int. Results

RT : 1.68
Area : 167
Amount: 3.67084

Manual Int. Results

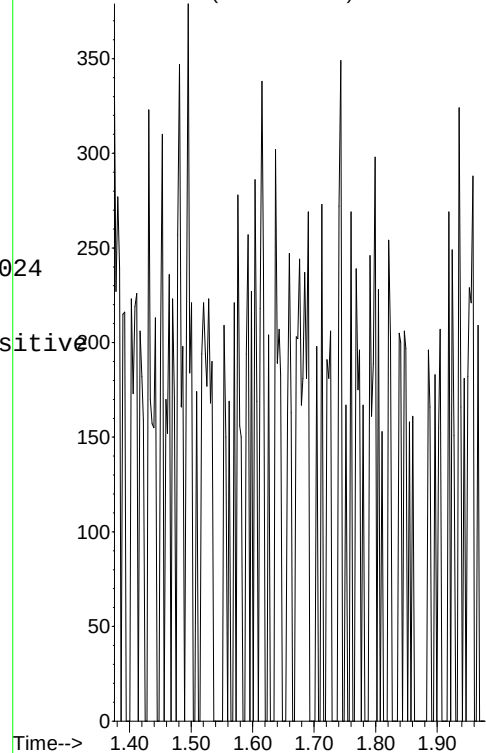
Fri Nov 08 12:32:50 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHANOL

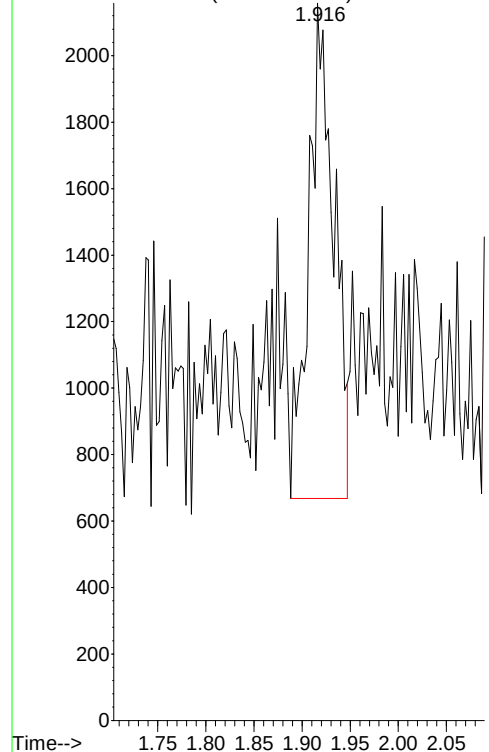
Abundance Ion 45.00 (44.70 to 45.70): B24V31215.D



Original Integration

ACETONE

Abundance Ion 43.00 (42.70 to 43.70): B24V31215.D



Original Int. Results

RT : 1.92
Area : 2718
Amount: 2.98057

Manual Int. Results

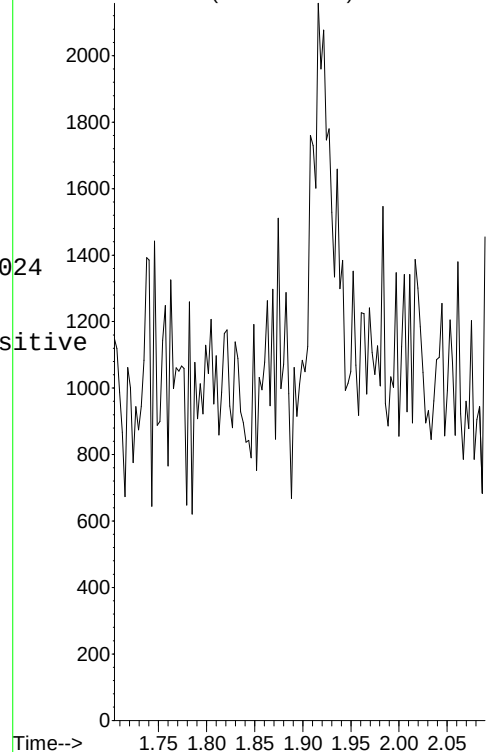
Fri Nov 08 12:32:55 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ACETONE

Abundance Ion 43.00 (42.70 to 43.70): B24V31215.D

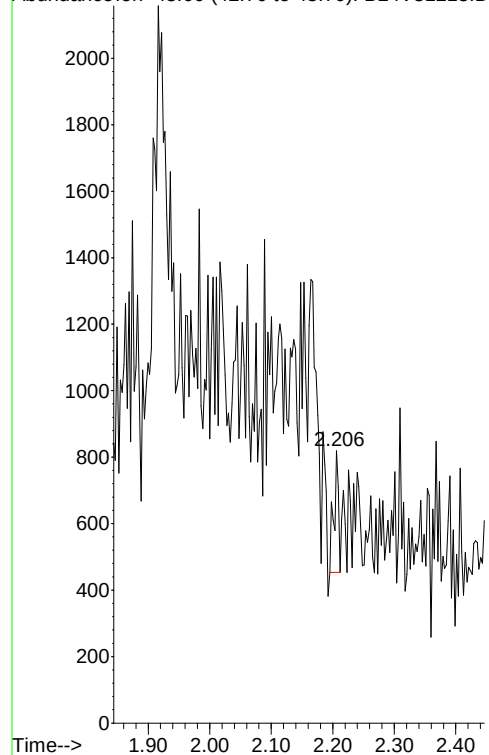


Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31215.D
Acq On : 7 Nov 2024 12:57 pm
Operator :
Sample : 24J4347-01
Misc :

Quant Time : Fri Nov 08 12:33:50 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration
METHYL ACETATE

Abundance Ion 43.00 (42.70 to 43.70): B24V31215.D



Original Int. Results

RT : 2.21
Area : 187
Amount: 0.0705993

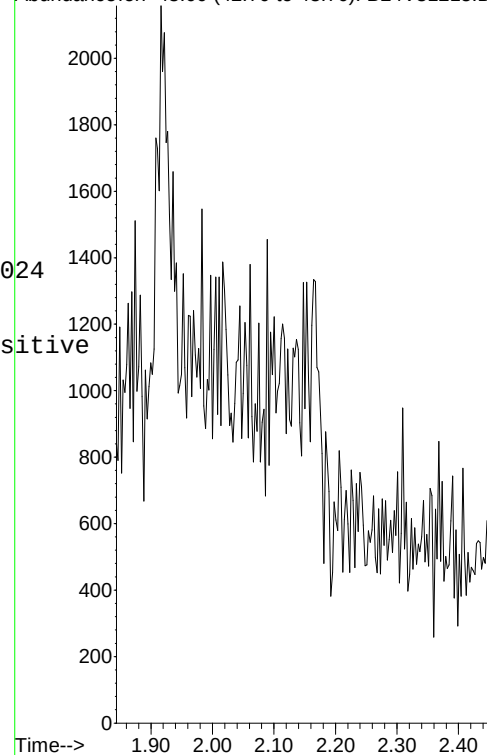
Manual Int. Results

Fri Nov 08 12:33:00 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

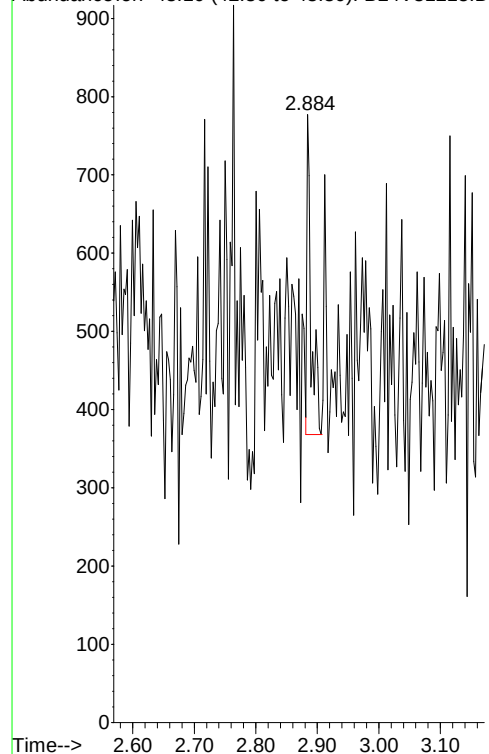
Manual Integration
METHYL ACETATE

Abundance Ion 43.00 (42.70 to 43.70): B24V31215.D



Original Integration
VINYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B24V31215.D



Original Int. Results

RT : 2.88
Area : 198
Amount: 0.0277299

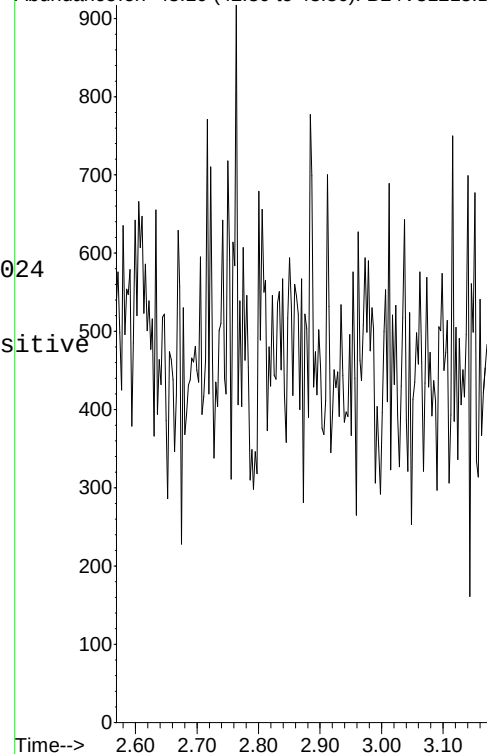
Manual Int. Results

Fri Nov 08 12:33:07 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
VINYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B24V31215.D



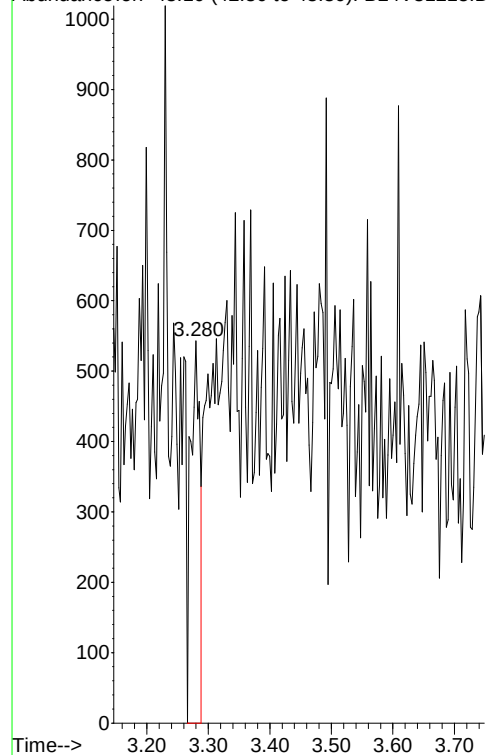
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31215.D
Acq On : 7 Nov 2024 12:57 pm
Operator :
Sample : 24J4347-01
Misc :

Quant Time : Fri Nov 08 12:33:50 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

2-BUTANONE

Abundance Ion 43.10 (42.80 to 43.80): B24V31215.D



Original Int. Results

RT : 3.28
Area : 570
Amount: 0.399341

Manual Int. Results

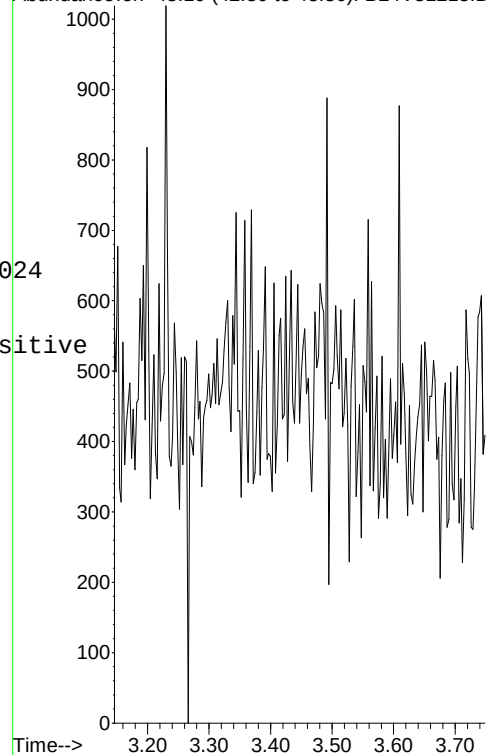
Fri Nov 08 12:33:11 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

2-BUTANONE

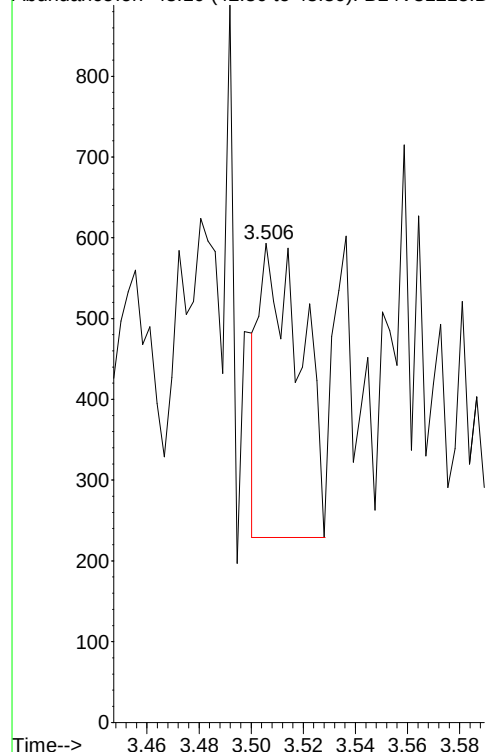
Abundance Ion 43.10 (42.80 to 43.80): B24V31215.D



Original Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B24V31215.D



Original Int. Results

RT : 3.51
Area : 405
Amount: 0.107077

Manual Int. Results

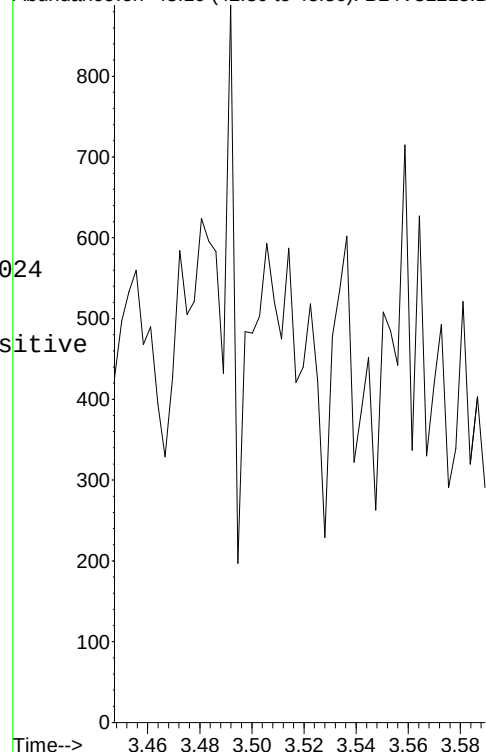
Fri Nov 08 12:33:16 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B24V31215.D

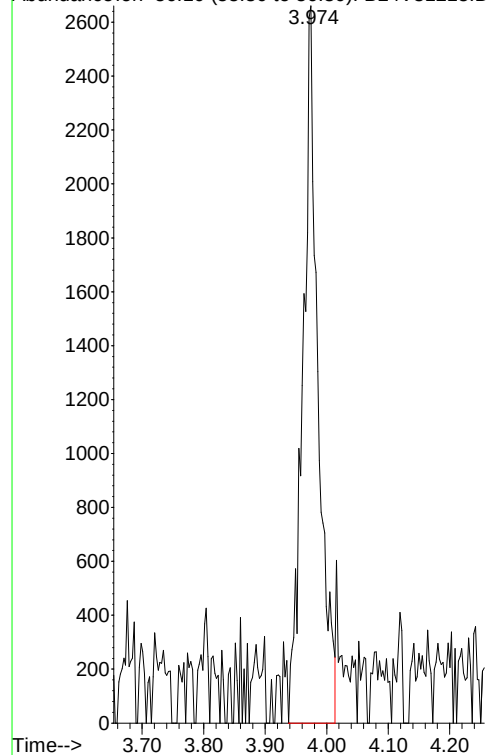


Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31215.D
Acq On : 7 Nov 2024 12:57 pm
Operator :
Sample : 24J4347-01
Misc :

Quant Time : Fri Nov 08 12:33:50 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration
CYCLOHEXANE

AbundanceIon 56.10 (55.80 to 56.80): B24V31215.D



Original Int. Results

RT : 3.97
Area : 4553
Amount: 0.817987

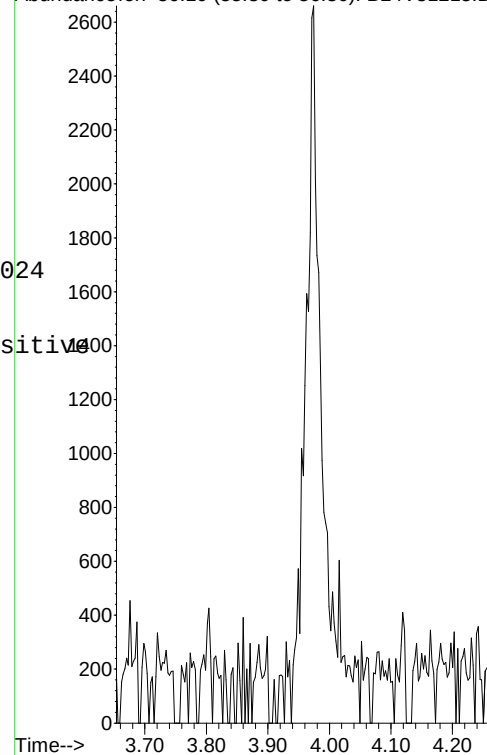
Manual Int. Results

Fri Nov 08 12:33:22 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

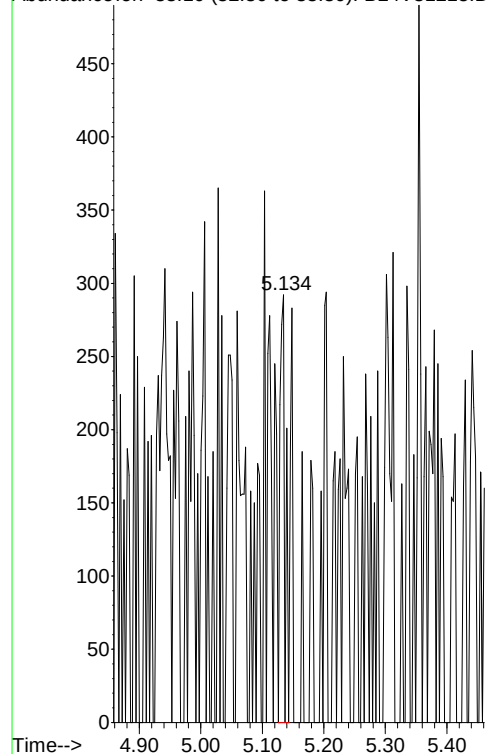
Manual Integration
CYCLOHEXANE

AbundanceIon 56.10 (55.80 to 56.80): B24V31215.D



Original Integration
METHYLCYCLOHEXANE

AbundanceIon 83.10 (82.80 to 83.80): B24V31215.D



Original Int. Results

RT : 5.13
Area : 164
Amount: 0.0397083

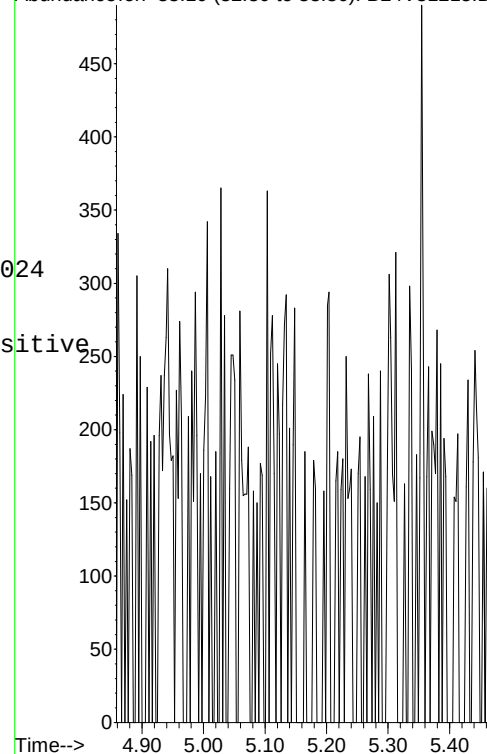
Manual Int. Results

Fri Nov 08 12:33:29 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
METHYLCYCLOHEXANE

AbundanceIon 83.10 (82.80 to 83.80): B24V31215.D



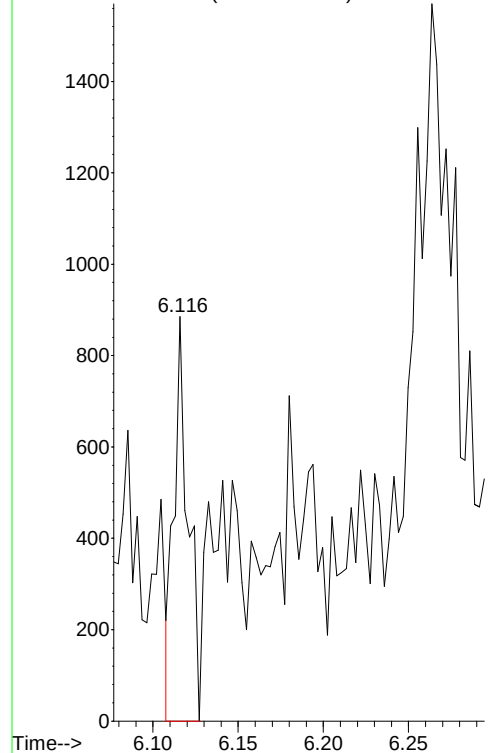
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31215.D
Acq On : 7 Nov 2024 12:57 pm
Operator :
Sample : 24J4347-01
Misc :

Quant Time : Fri Nov 08 12:33:50 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

MIBK

AbundanceIon 43.10 (42.80 to 43.80): B24V31215.D\



Original Int. Results

RT : 6.12
Area : 511
Amount: 0.154693

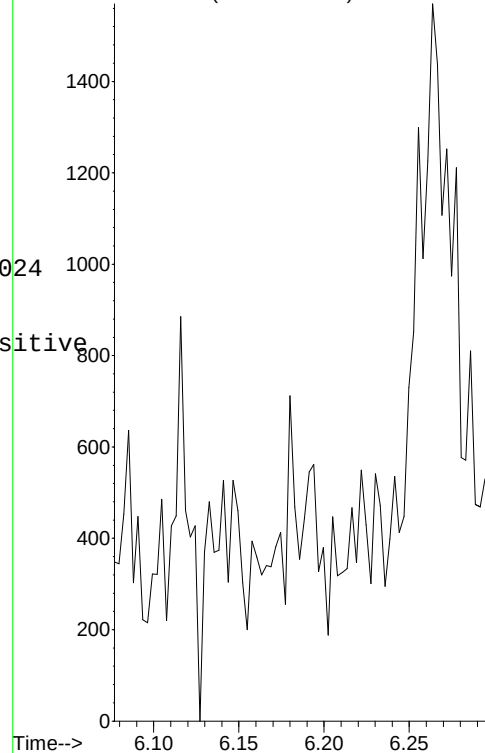
Manual Int. Results

Fri Nov 08 12:33:35 2024
MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

MIBK

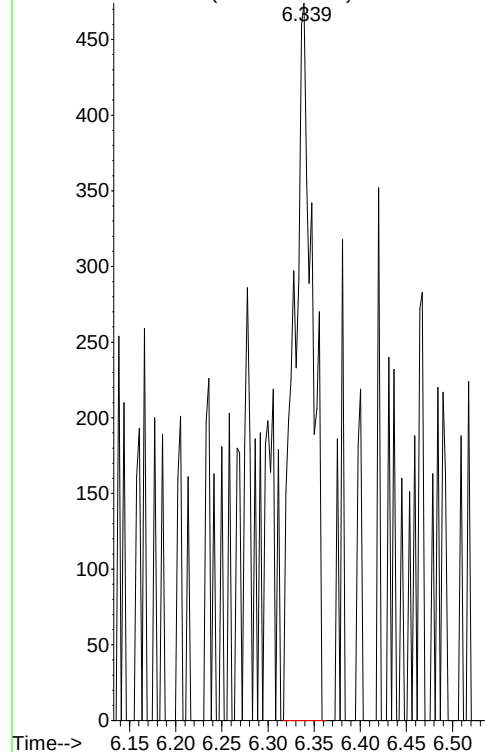
AbundanceIon 43.10 (42.80 to 43.80): B24V31215.D\



Original Integration

TOLUENE

AbundanceIon 91.10 (90.80 to 91.80): B24V31215.D\



Original Int. Results

RT : 6.34
Area : 666
Amount: 0.060997

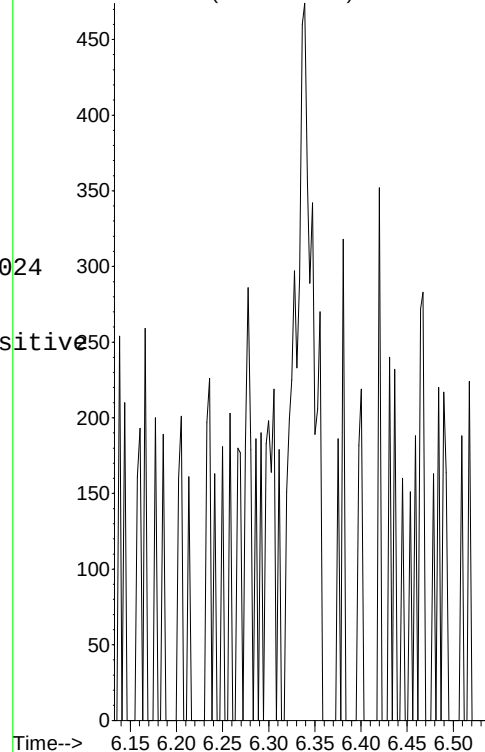
Manual Int. Results

Fri Nov 08 12:33:38 2024
MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

TOLUENE

AbundanceIon 91.10 (90.80 to 91.80): B24V31215.D\



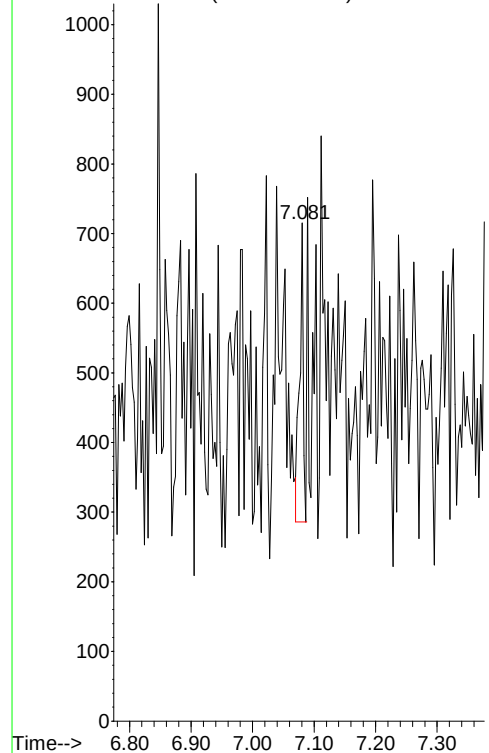
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31215.D
Acq On : 7 Nov 2024 12:57 pm
Operator :
Sample : 24J4347-01
Misc :

Quant Time : Fri Nov 08 12:33:50 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

ETHYL METHACRYLATE

Abundance on 41.10 (40.80 to 41.80): B24V31215.D



Original Int. Results

RT : 7.08
Area : 180
Amount: 0

Manual Int. Results

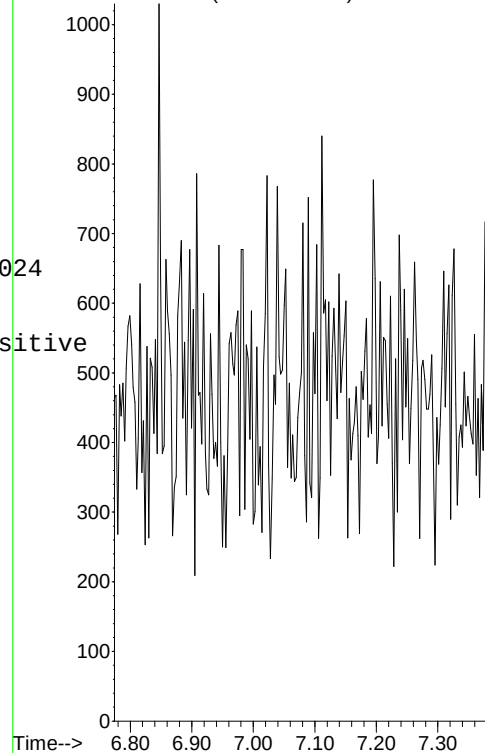
Fri Nov 08 12:33:42 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL METHACRYLATE

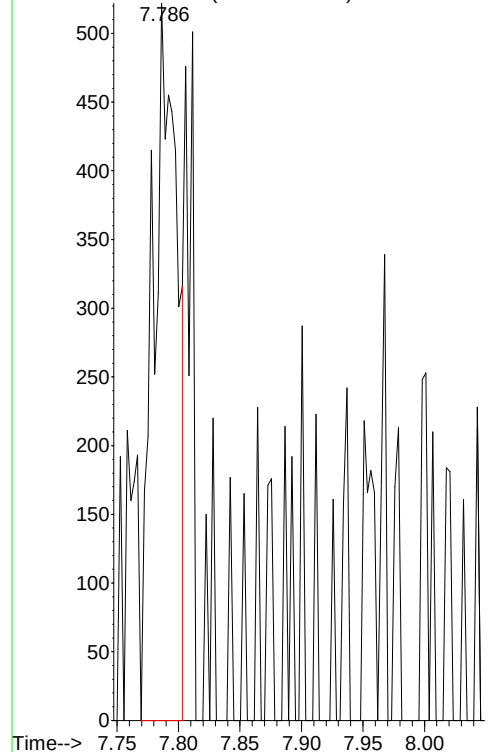
Abundance on 41.10 (40.80 to 41.80): B24V31215.D



Original Integration

ETHYLBENZENE

Abundance on 91.00 (90.70 to 91.70): B24V31215.D



Original Int. Results

RT : 7.79
Area : 707
Amount: 0.04894

Manual Int. Results

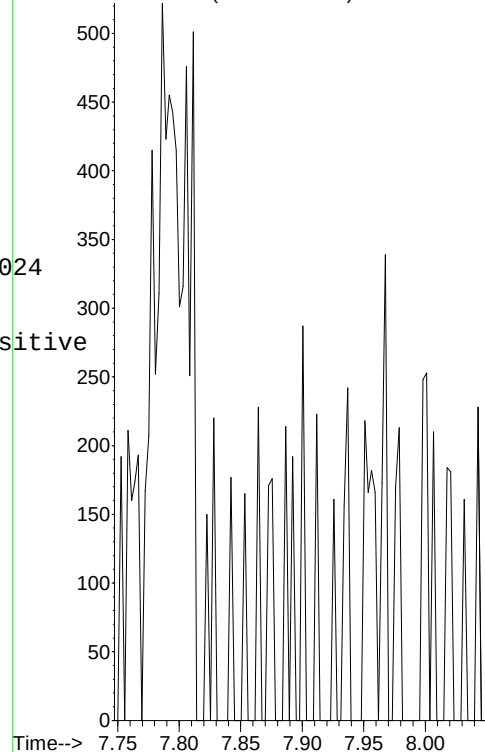
Fri Nov 08 12:33:49 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYLBENZENE

Abundance on 91.00 (90.70 to 91.70): B24V31215.D



1 - FORM I

ANALYSIS DATA SHEET

MW-2

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-02
		File ID:	C24V31111.D
Sampled:	10/30/24 11:35	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 13:58
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide		1.5	5.0	
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.16	1.0	

1 - FORM I

ANALYSIS DATA SHEET

MW-2

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-02
		File ID:	C24V31111.D
Sampled:	10/30/24 11:35	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 13:58
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene		0.14	1.0	
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene		0.25	2.0	V-05
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene	10	0.17	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride		0.19	2.0	

1 - FORM I

ANALYSIS DATA SHEET

MW-2

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Ren Project: Former RKO Drycleaners - CO 151681
Matrix: Ground Water Laboratory ID: 24J4347-02 File ID: C24V31111.D
Sampled: 10/30/24 11:35 Prepared: 11/05/24 13:26 Analyzed: 11/06/24 13:58
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B391460 Sequence: S113476 Calibration: 2200537 Instrument: GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene		0.25	2.0	
95-47-6	o-Xylene		0.16	1.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31111.D
 Acq On : 6 Nov 2024 1:58 pm
 Operator :
 Sample : 24J4347-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 06 14:49:04 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

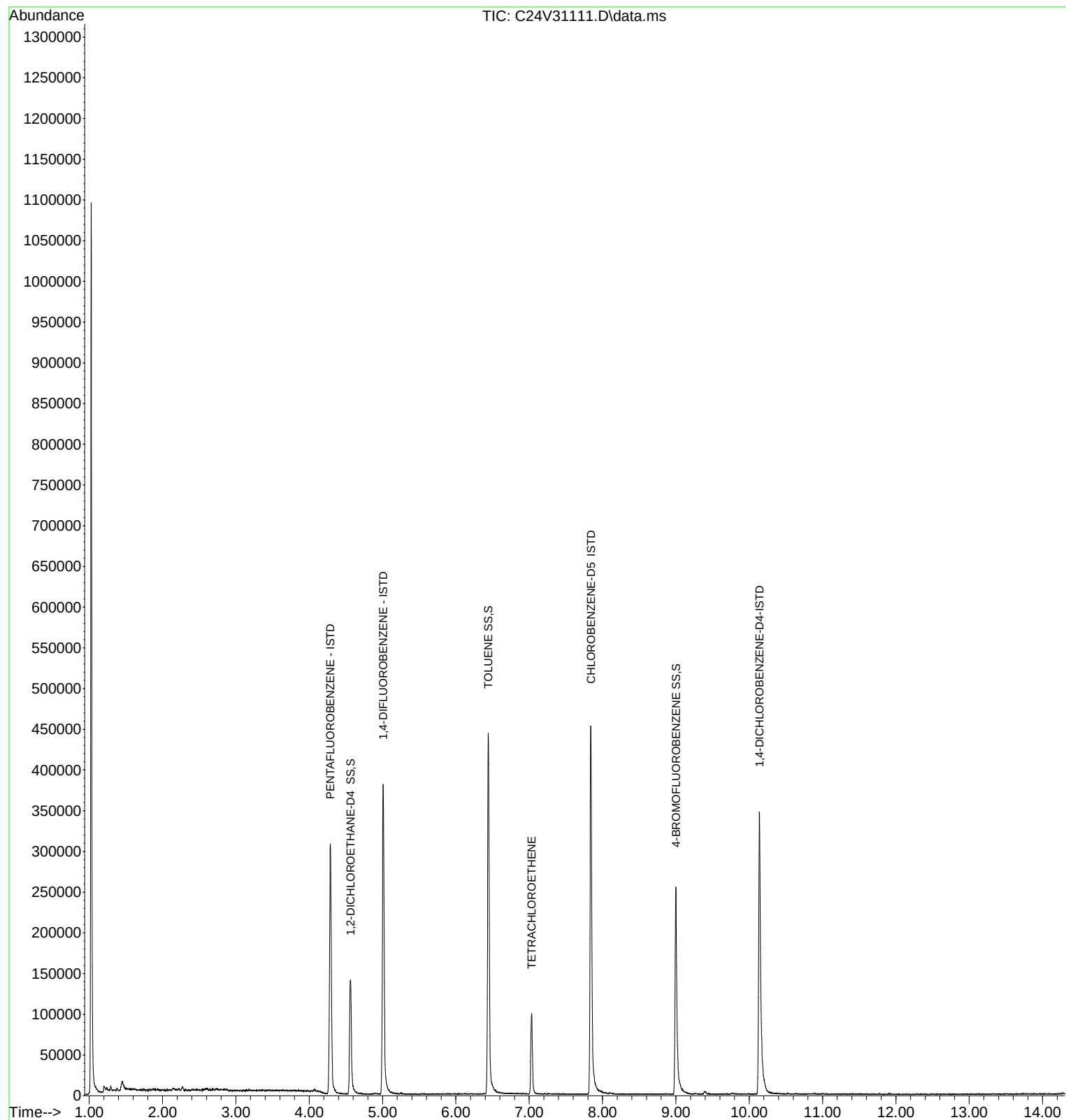
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.289	168	203836	30.00	UG/L	0.00
49) 1,4-DIFLUOROBENZENE - ...	5.008	114	275177	30.00	UG/L	0.00
72) CHLOROBENZENE-D5 ISTD	7.841	82	131677	30.00	UG/L	0.00
91) 1,4-DICHLOROBENZENE-D4...	10.139	152	115906	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.562	65	91962	24.04	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.16%	
50) TOLUENE SS	6.442	98	260473	23.90	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	95.60%	
73) 4-BROMOFLUOROBENZENE SS	9.002	95	82163	21.05	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	84.20%	
Target Compounds						
68) TETRACHLOROETHENE	7.033	166	26507	10.29	UG/L	Qvalue 99

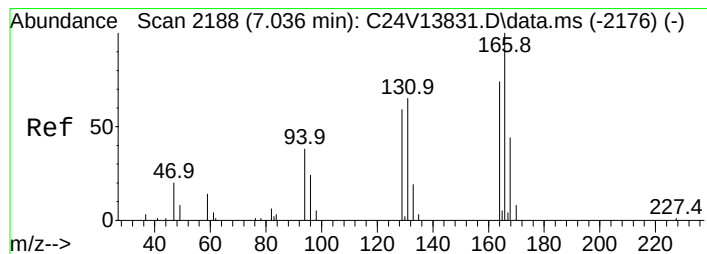
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31111.D
Acq On : 6 Nov 2024 1:58 pm
Operator :
Sample : 24J4347-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Inst : GCMSVOA3

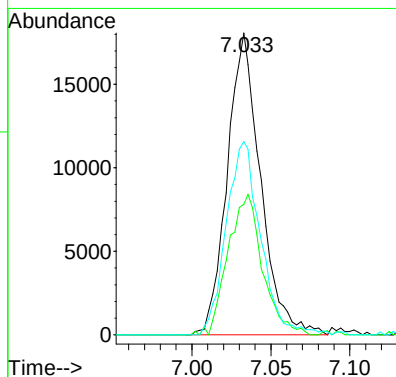
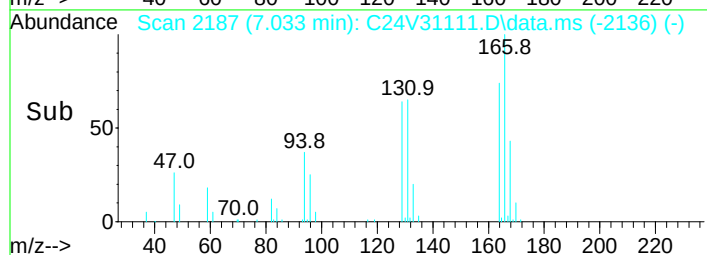
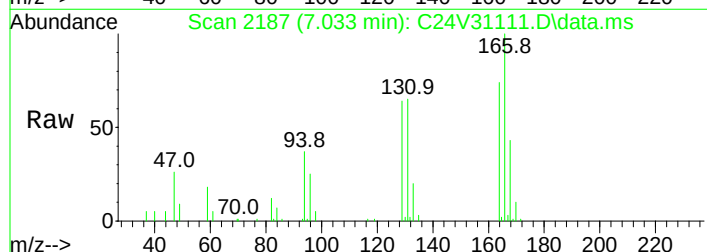
Quant Time: Nov 06 14:49:04 2024
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Jan 10 12:13:53 2024
Response via : Initial Calibration





#68
TETRACHLOROETHENE
Concen: 10.29 UG/L
RT: 7.033 min Scan# 2187
Delta R.T. -0.003 min
Lab File: C24V31111.D
Acq: 6 Nov 2024 1:58 pm

Tgt Ion	166	Resp	26507
Ion Ratio	Lower	Upper	
166	100		
168	48.1	37.6	56.4
129	66.1	53.4	80.2

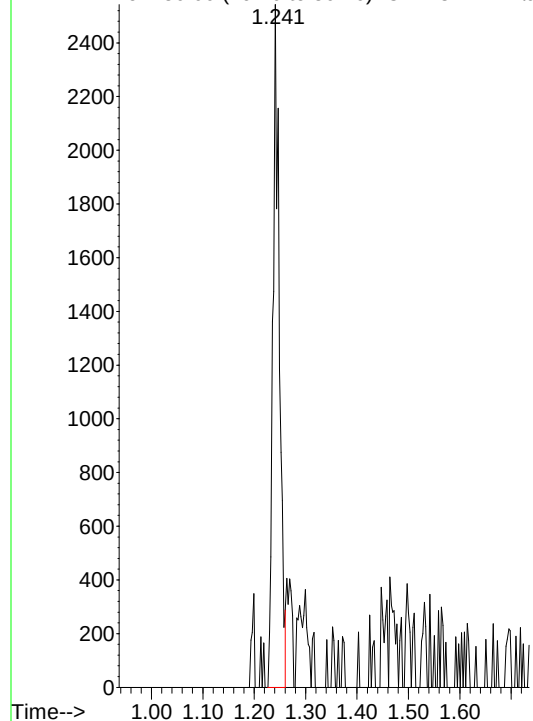


Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31111.D
Acq On : 6 Nov 2024 1:58 pm
Operator :
Sample : 24J4347-02
Misc :

Quant Time : Wed Nov 06 14:49:04 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CHLOROMETHANE

Abundance on 50.00 (49.70 to 50.70): C24V31111.D



Original Int. Results

RT : 1.24
Area : 2222
Amount: 0.460901

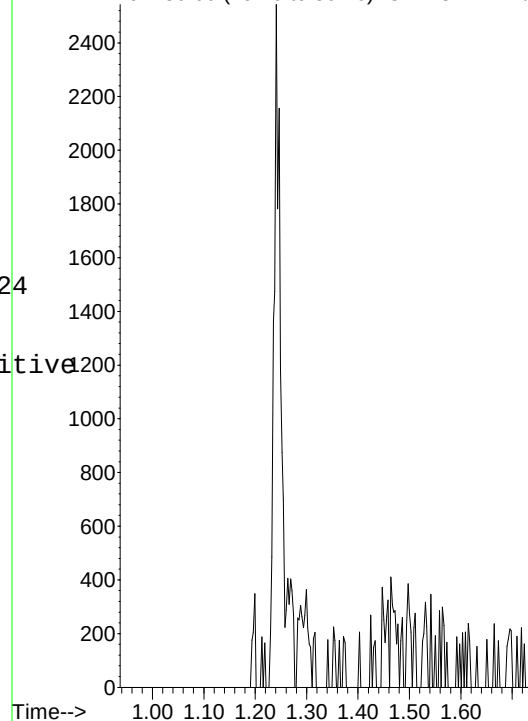
Manual Int. Results

Wed Nov 06 14:48:23 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

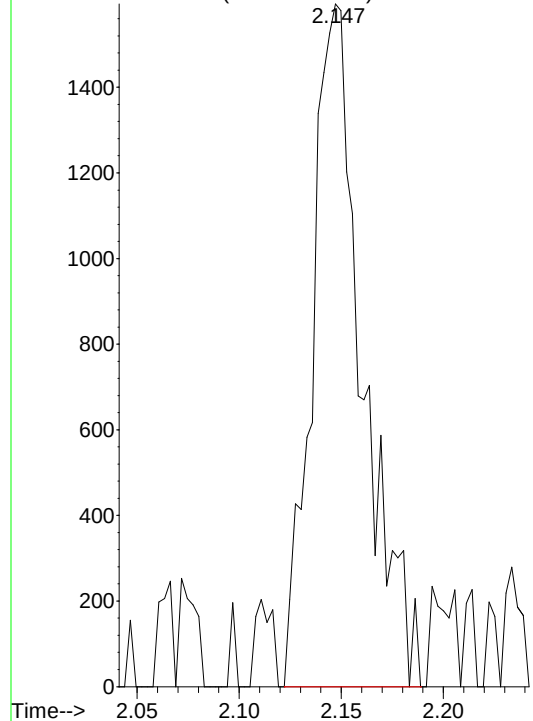
Manual Integration
CHLOROMETHANE

Abundance on 50.00 (49.70 to 50.70): C24V31111.D



Original Integration
ACETONE

Abundance on 43.00 (42.70 to 43.70): C24V31111.D



Original Int. Results

RT : 2.15
Area : 2735
Amount: 2.21058

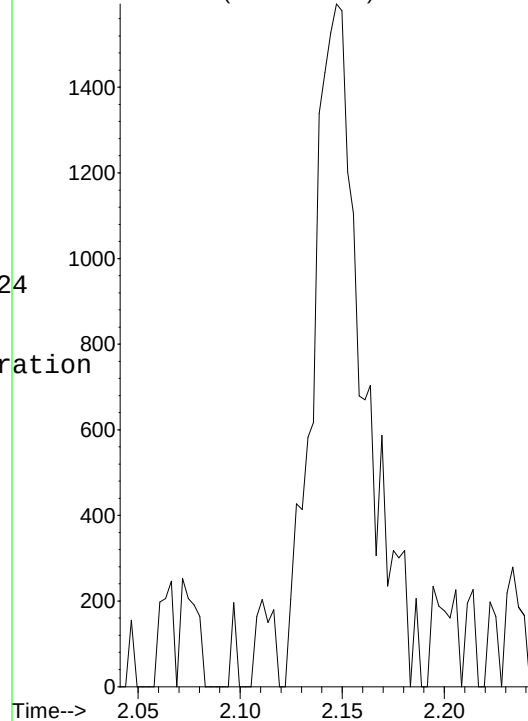
Manual Int. Results

Wed Nov 06 14:48:31 2024

MIuser: MFF
Reason: Incoret Integration
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ACETONE

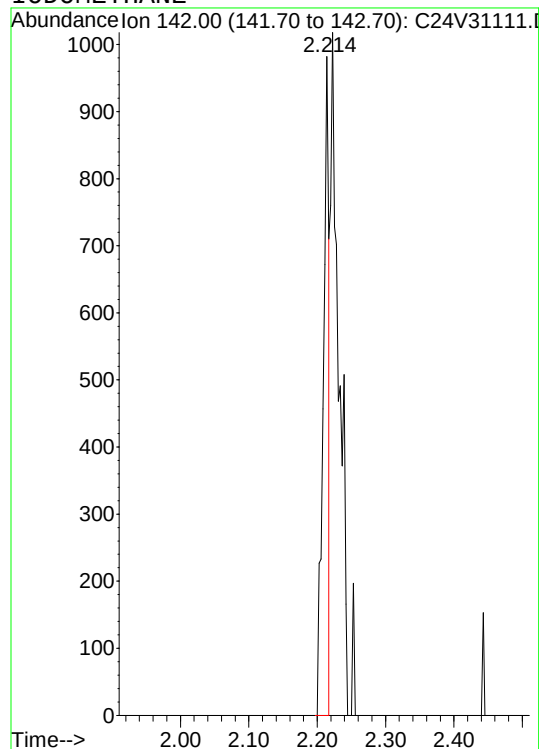
Abundance on 43.00 (42.70 to 43.70): C24V31111.D



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31111.D
Acq On : 6 Nov 2024 1:58 pm
Operator :
Sample : 24J4347-02
Misc :

Quant Time : Wed Nov 06 14:49:04 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
IODOMETHANE



Original Int. Results

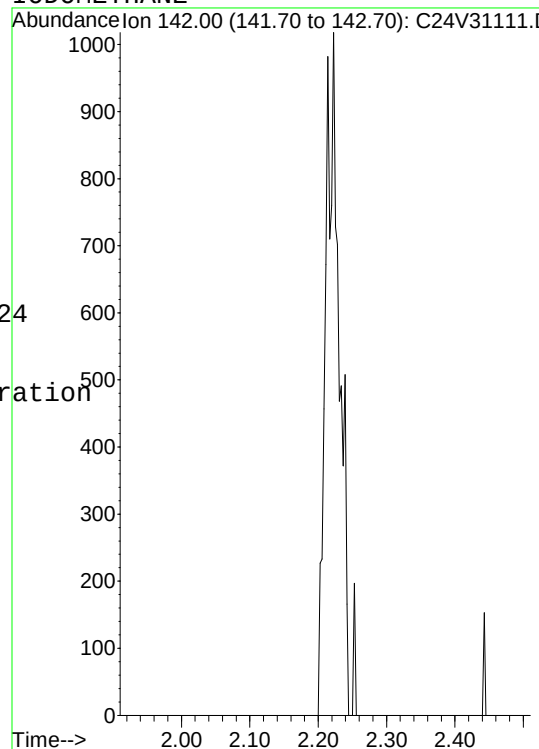
RT : 2.21
Area : 549
Amount: 0.149076

Manual Int. Results

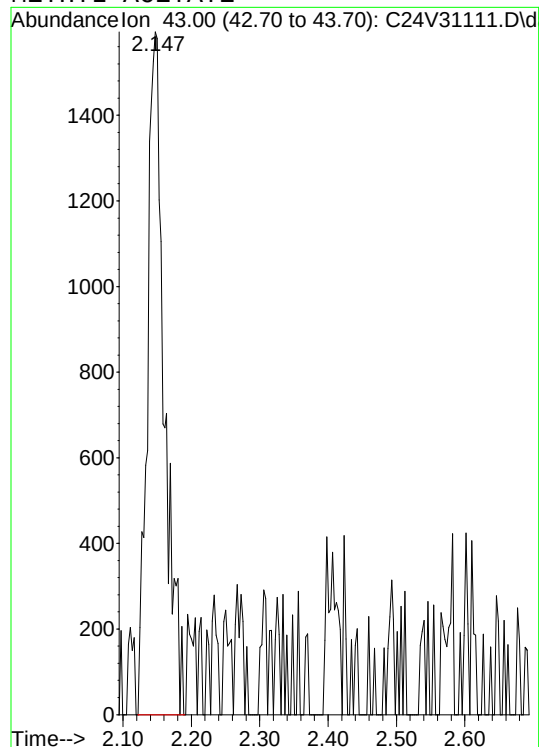
Wed Nov 06 14:48:35 2024

MIuser: MFF
Reason: Incoret Integration
RT : 0.00
Area : 0
Amount: 0

Manual Integration
IODOMETHANE



Original Integration
METHYL ACETATE



Original Int. Results

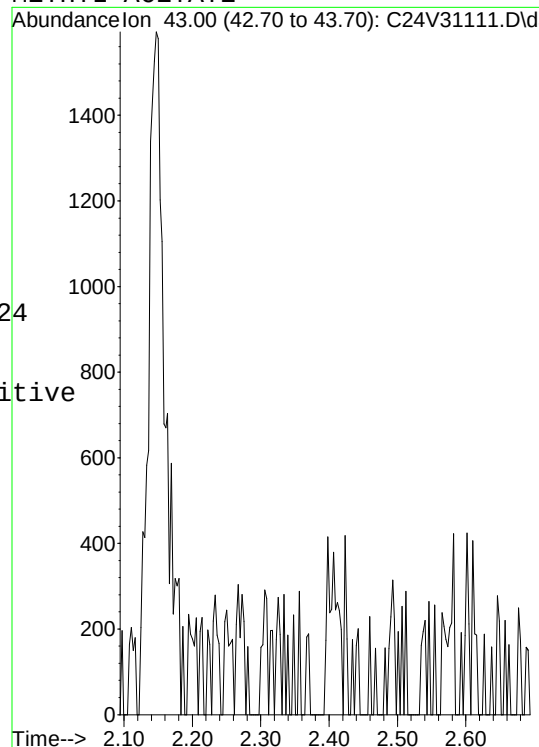
RT : 2.15
Area : 2735
Amount: 0.567853

Manual Int. Results

Wed Nov 06 14:48:42 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
METHYL ACETATE



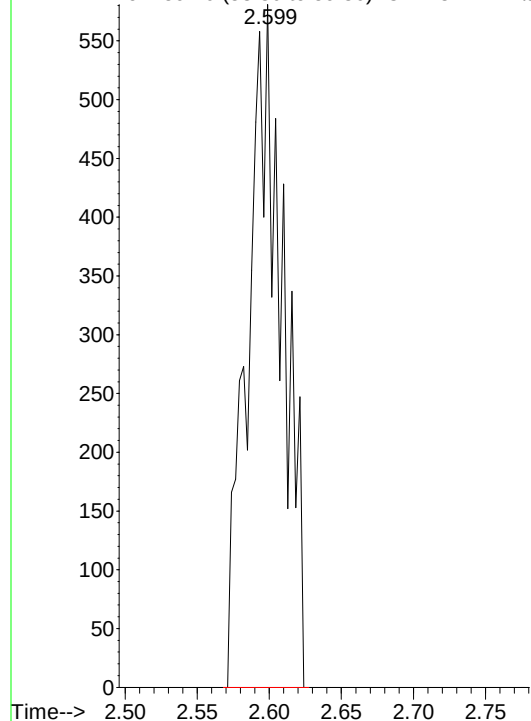
Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31111.D
Acq On : 6 Nov 2024 1:58 pm
Operator :
Sample : 24J4347-02
Misc :

Quant Time : Wed Nov 06 14:49:04 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration

T-BUTYL ALCOHOL

Abundance Ion 59.10 (58.80 to 59.80): C24V31111.D



Original Int. Results

RT : 2.60
Area : 979
Amount: 2.00585

Manual Int. Results

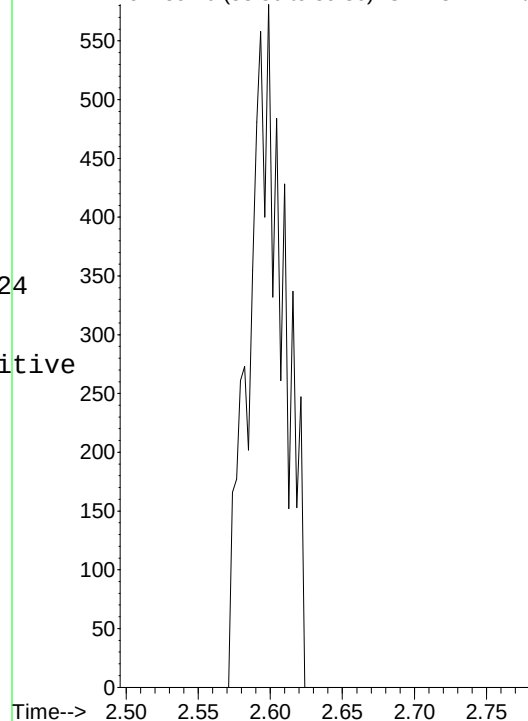
Wed Nov 06 14:48:54 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL ALCOHOL

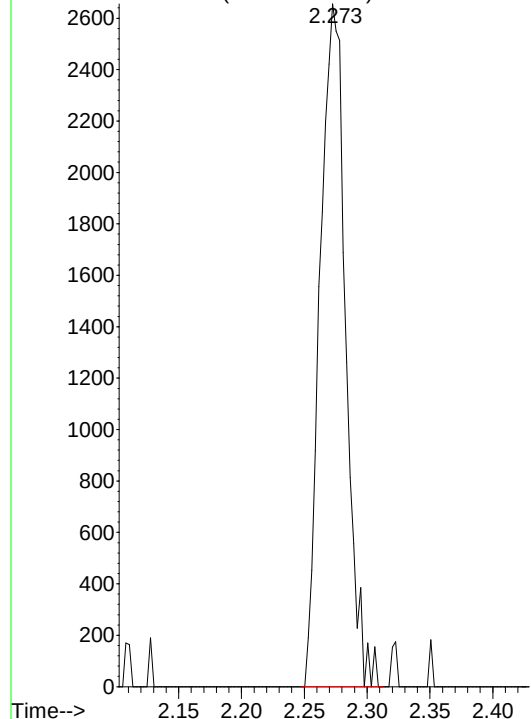
Abundance Ion 59.10 (58.80 to 59.80): C24V31111.D



Original Integration

CARBON DISULFIDE

Abundance Ion 76.00 (75.70 to 76.70): C24V31111.D



Original Int. Results

RT : 2.27
Area : 3774
Amount: 0.444186

Manual Int. Results

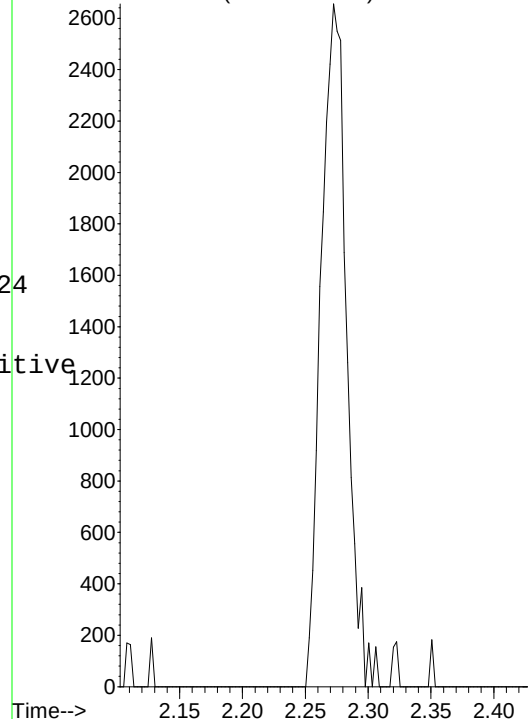
Wed Nov 06 14:48:58 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

CARBON DISULFIDE

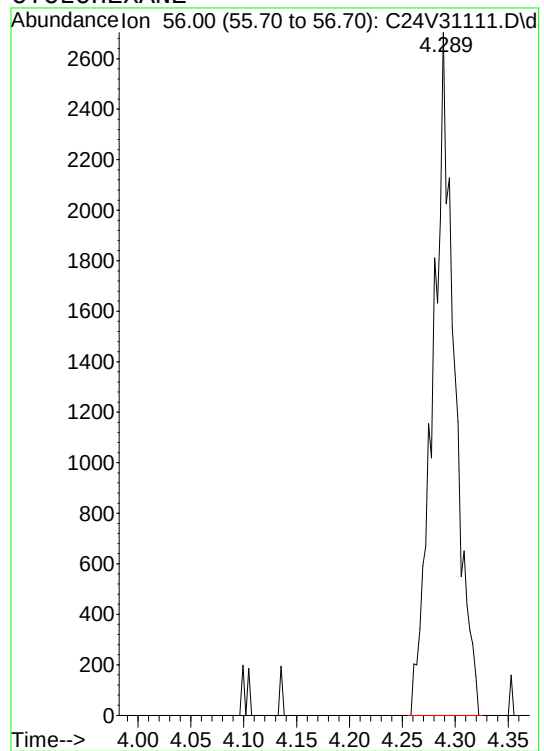
Abundance Ion 76.00 (75.70 to 76.70): C24V31111.D



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31111.D
Acq On : 6 Nov 2024 1:58 pm
Operator :
Sample : 24J4347-02
Misc :

Quant Time : Wed Nov 06 14:49:04 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CYCLOHEXANE



Original Int. Results

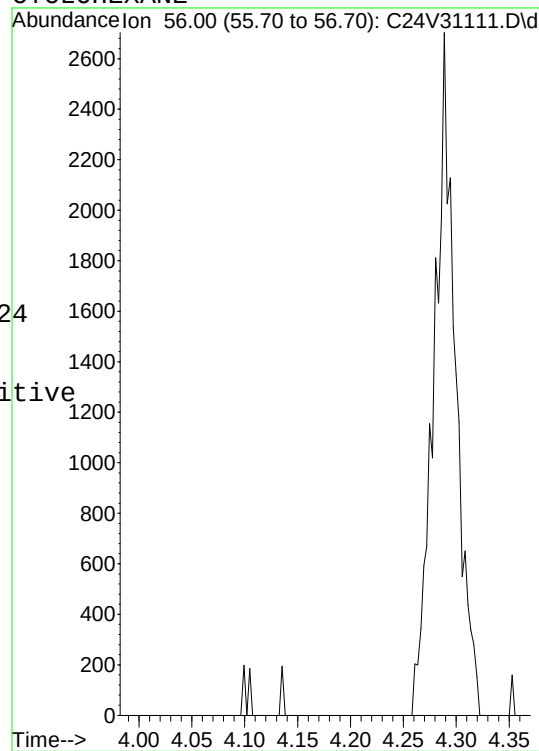
RT : 4.29
Area : 3832
Amount: 0.796572

Manual Int. Results

Wed Nov 06 14:49:03 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



1 - FORM I

ANALYSIS DATA SHEET

MW-3

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-03
		File ID:	C24V31112.D
Sampled:	10/30/24 13:19	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 14:25
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide		1.5	5.0	
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	2.5	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.16	1.0	

1 - FORM I

ANALYSIS DATA SHEET

MW-3

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-03
		File ID:	C24V31112.D
Sampled:	10/30/24 13:19	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 14:25
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene		0.14	1.0	
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene		0.25	2.0	V-05
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene	28	0.17	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene	5.0	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride	0.32	0.19	2.0	J

1 - FORM I

ANALYSIS DATA SHEET

MW-3

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Ren Project: Former RKO Drycleaners - CO 151681
Matrix: Ground Water Laboratory ID: 24J4347-03 File ID: C24V31112.D
Sampled: 10/30/24 13:19 Prepared: 11/05/24 13:26 Analyzed: 11/06/24 14:25
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B391460 Sequence: S113476 Calibration: 2200537 Instrument: GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene		0.25	2.0	
95-47-6	o-Xylene		0.16	1.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31112.D
 Acq On : 6 Nov 2024 2:25 pm
 Operator :
 Sample : 24J4347-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 06 14:50:09 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

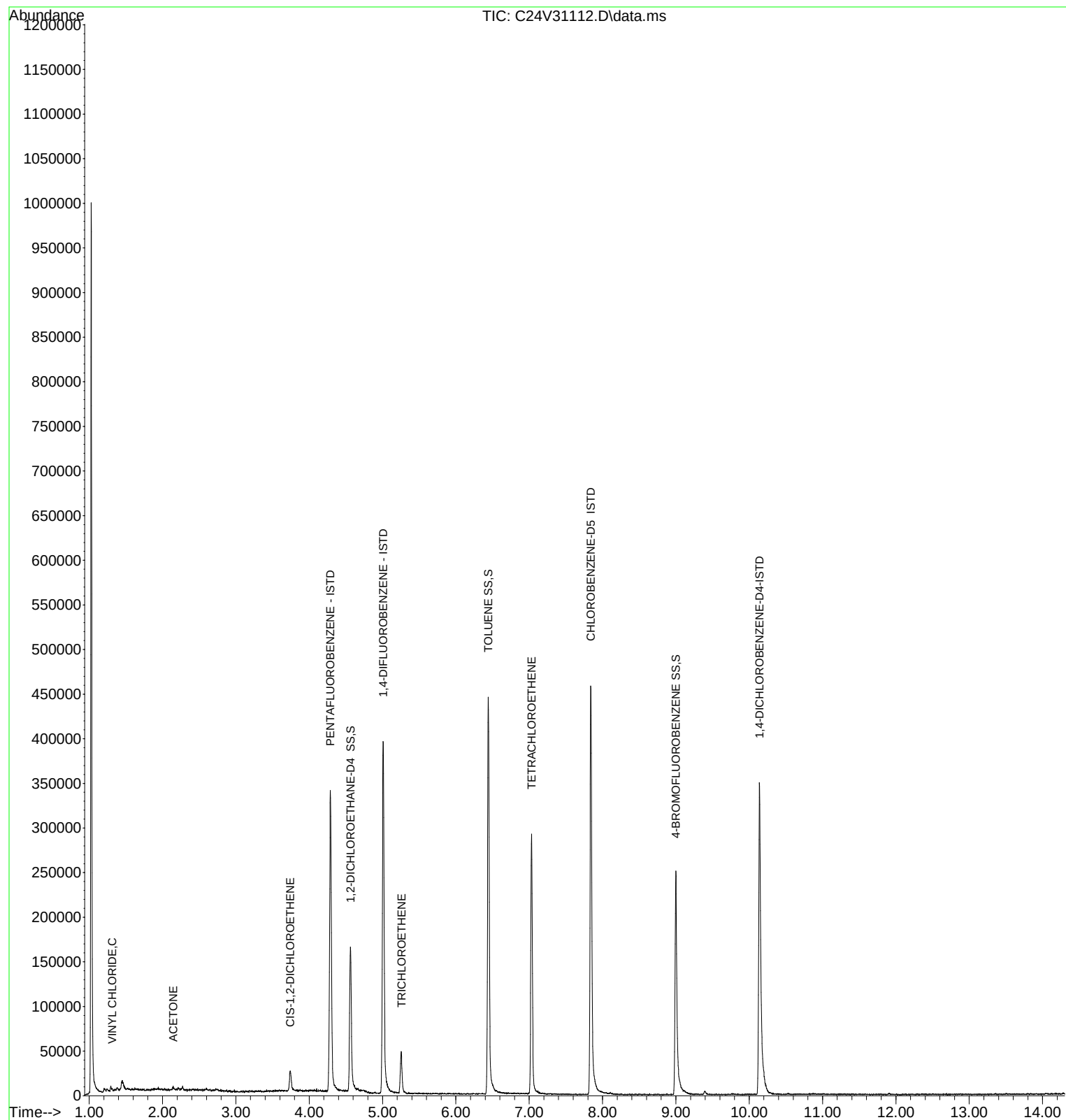
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.289	168	217592	30.00	UG/L	0.00
49) 1,4-DIFLUOROBENZENE - ...	5.008	114	290358	30.00	UG/L	0.00
72) CHLOROBENZENE-D5 ISTD	7.839	82	132538	30.00	UG/L	0.00
91) 1,4-DICHLOROBENZENE-D4...	10.139	152	119795	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.562	65	104320	25.55	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	102.20%	
50) TOLUENE SS	6.442	98	269327	23.42	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	93.68%	
73) 4-BROMOFLUOROBENZENE SS	8.996	95	80429	20.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	81.88%	
Target Compounds						
						Qvalue
6) VINYL CHLORIDE	1.313	62	1204	0.32	UG/L	# 44
14) ACETONE	2.147	43	2596	1.97	UG/L	99
33) CIS-1,2-DICHLOROETHENE	3.739	61	12378	2.49	UG/L	99
52) TRICHLOROETHENE	5.256	95	13404	5.00	UG/L	96
68) TETRACHLOROETHENE	7.033	166	77138	28.38	UG/L	100

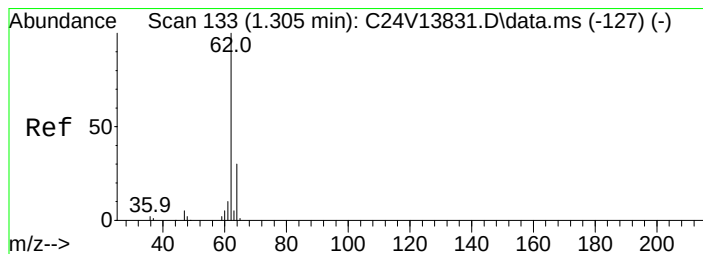
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31112.D
Acq On : 6 Nov 2024 2:25 pm
Operator :
Sample : 24J4347-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Inst : GCMSVOA3

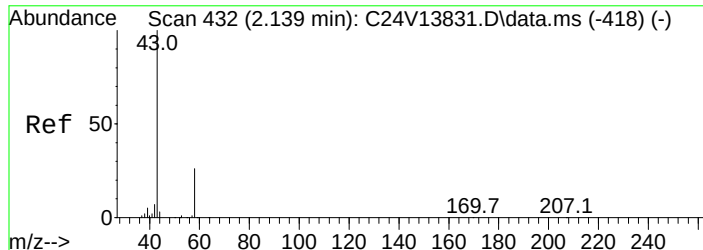
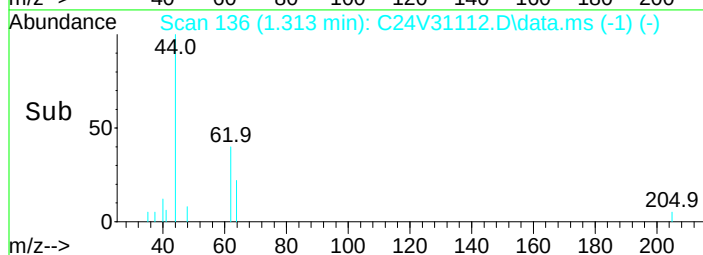
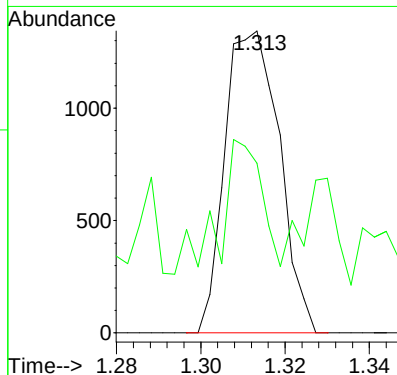
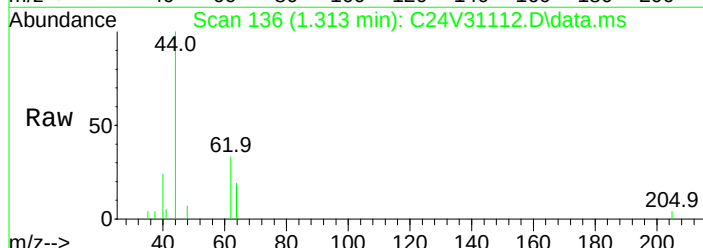
Quant Time: Nov 06 14:50:09 2024
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Jan 10 12:13:53 2024
Response via : Initial Calibration





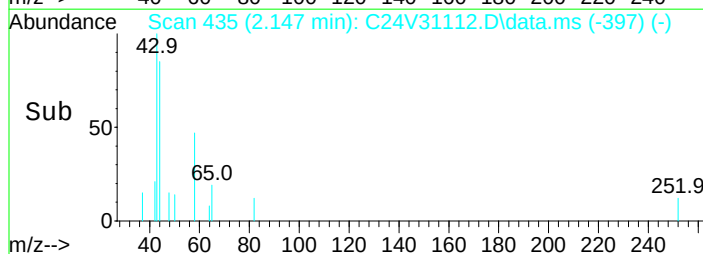
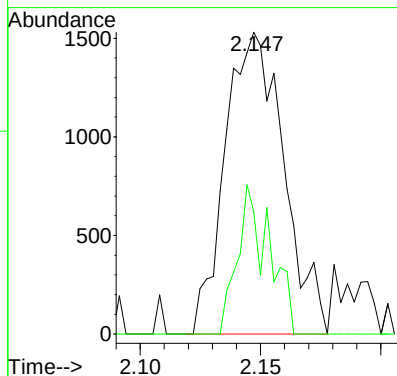
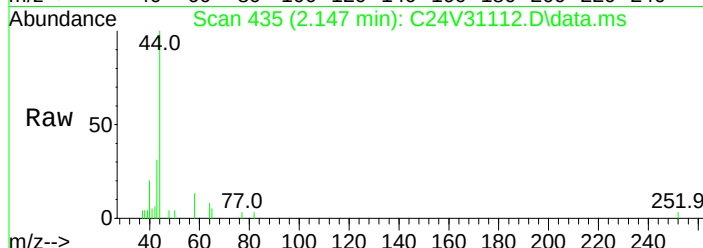
#6
VINYL CHLORIDE
Concen: 0.32 UG/L
RT: 1.313 min Scan# 136
Delta R.T. 0.008 min
Lab File: C24V31112.D
Acq: 6 Nov 2024 2:25 pm

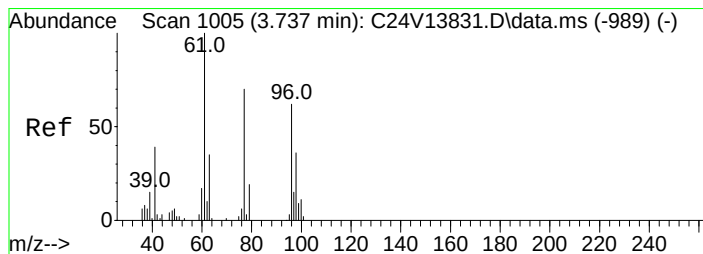
Tgt Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.6	36.8#



#14
ACETONE
Concen: 1.97 UG/L
RT: 2.147 min Scan# 435
Delta R.T. 0.011 min
Lab File: C24V31112.D
Acq: 6 Nov 2024 2:25 pm

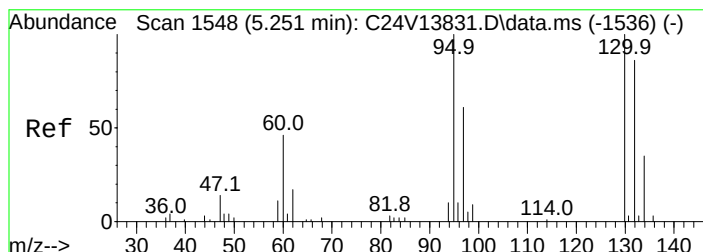
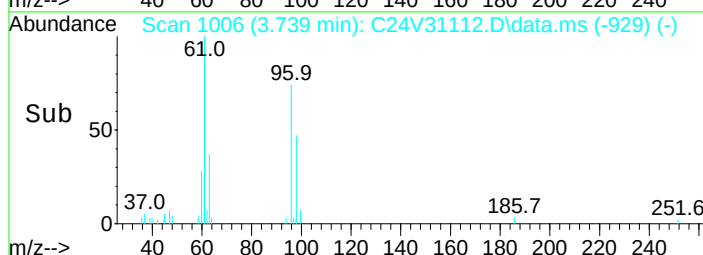
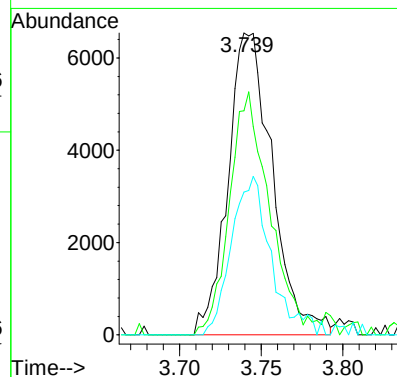
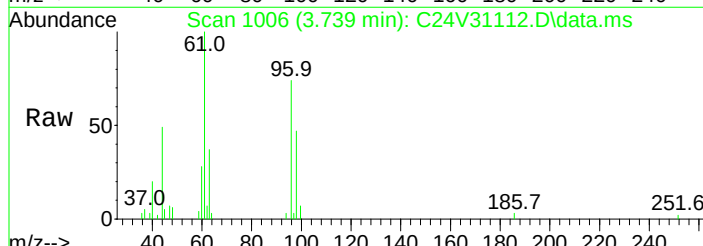
Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.1	33.1





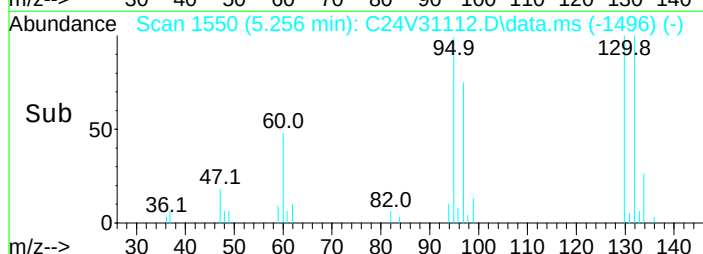
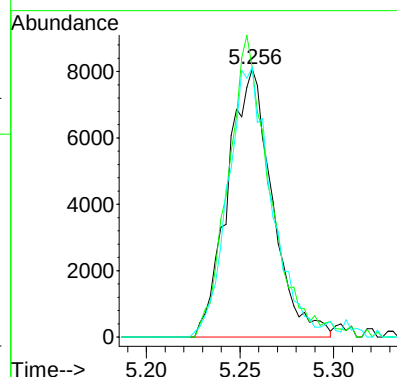
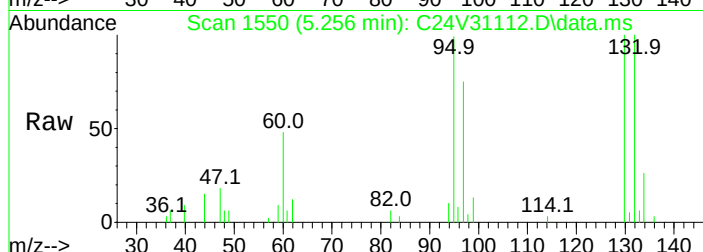
#33
CIS-1,2-DICHLOROETHENE
Concen: 2.49 UG/L
RT: 3.739 min Scan# 1006
Delta R.T. 0.000 min
Lab File: C24V31112.D
Acq: 6 Nov 2024 2:25 pm

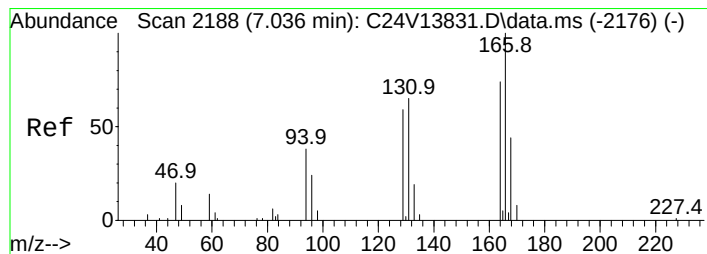
Tgt Ion:	61	Resp:	12378
Ion Ratio	Lower	Upper	
61	100		
96	73.2	58.1	87.1
98	44.4	36.1	54.1



#52
TRICHLOROETHENE
Concen: 5.00 UG/L
RT: 5.256 min Scan# 1550
Delta R.T. 0.000 min
Lab File: C24V31112.D
Acq: 6 Nov 2024 2:25 pm

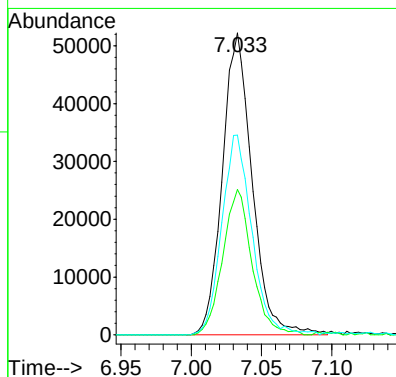
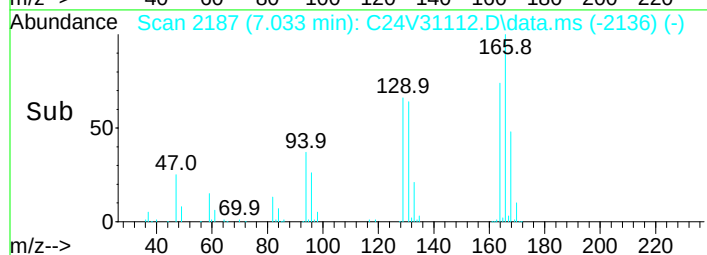
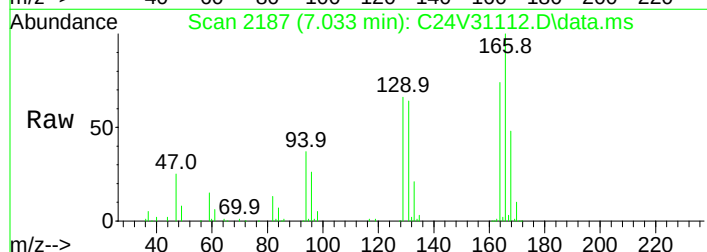
Tgt Ion:	95	Resp:	13404
Ion Ratio	Lower	Upper	
95	100		
130	105.8	85.7	128.5
132	98.5	84.7	127.1





#68
TETRACHLOROETHENE
Concen: 28.38 UG/L
RT: 7.033 min Scan# 2187
Delta R.T. -0.003 min
Lab File: C24V31112.D
Acq: 6 Nov 2024 2:25 pm

Tgt Ion	166	168	129
Resp:	77138		
Ion Ratio	100	47.2	66.9
Lower		37.6	53.4
Upper		56.4	80.2

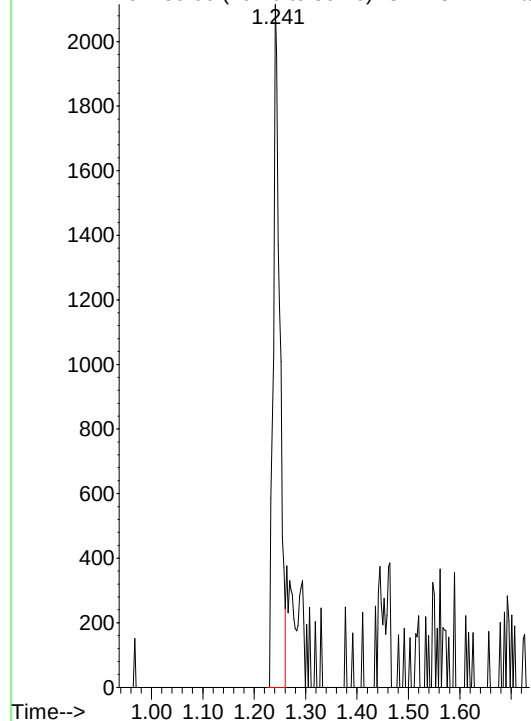


Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31112.D
Acq On : 6 Nov 2024 2:25 pm
Operator :
Sample : 24J4347-03
Misc :

Quant Time : Wed Nov 06 14:50:09 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CHLOROMETHANE

Abundance on 50.00 (49.70 to 50.70): C24V31112.D



Original Int. Results

RT : 1.24
Area : 1867
Amount: 0.362782

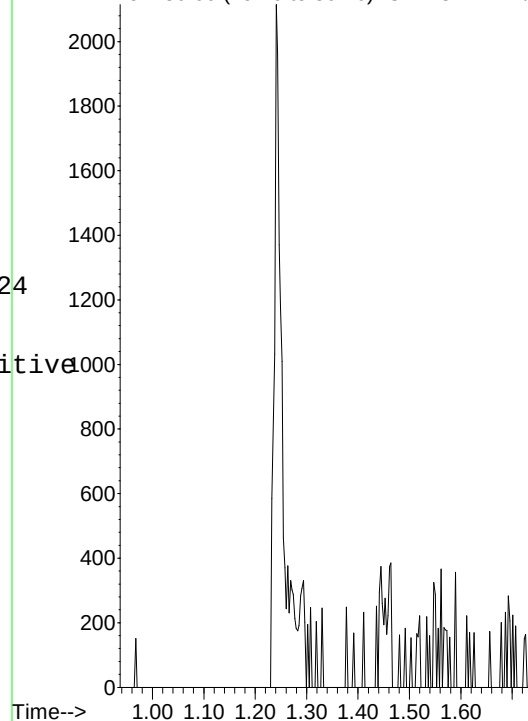
Manual Int. Results

Wed Nov 06 14:49:27 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

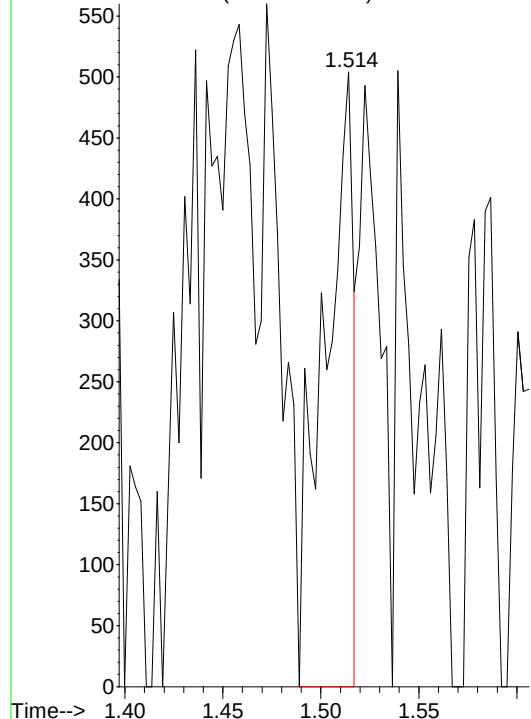
Manual Integration
CHLOROMETHANE

Abundance on 50.00 (49.70 to 50.70): C24V31112.D



Original Integration
BROMOMETHANE

Abundance on 94.00 (93.70 to 94.70): C24V31112.D



Original Int. Results

RT : 1.51
Area : 516
Amount: 0.231012

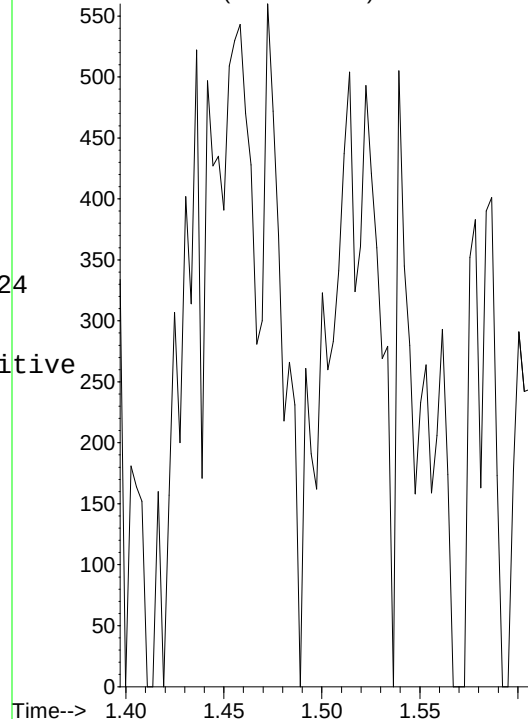
Manual Int. Results

Wed Nov 06 14:49:33 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
BROMOMETHANE

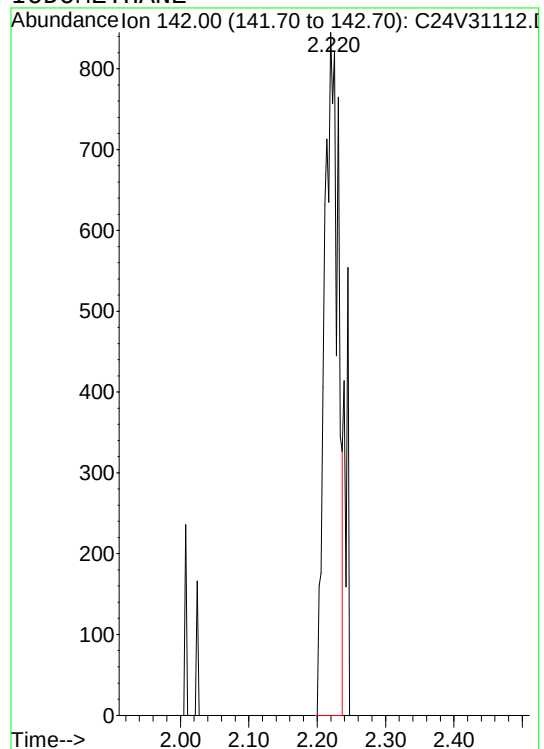
Abundance on 94.00 (93.70 to 94.70): C24V31112.D



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31112.D
Acq On : 6 Nov 2024 2:25 pm
Operator :
Sample : 24J4347-03
Misc :

Quant Time : Wed Nov 06 14:50:09 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
IODOMETHANE



Original Int. Results

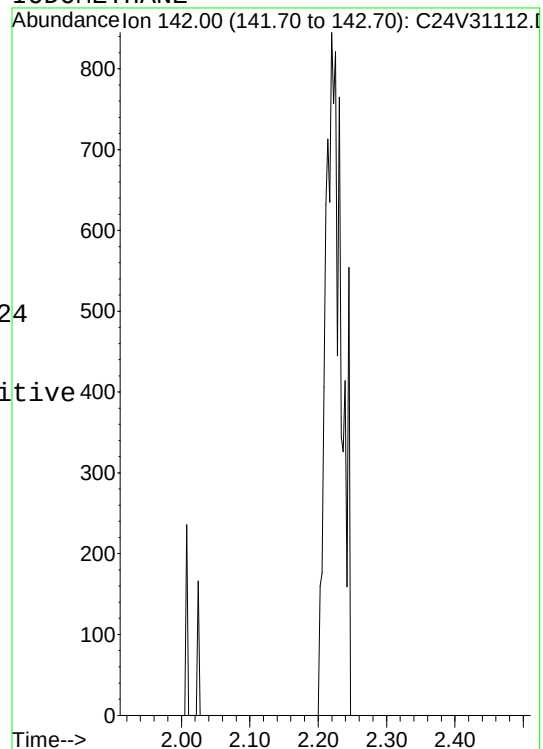
RT : 2.22
Area : 1176
Amount: 0.299145

Manual Int. Results

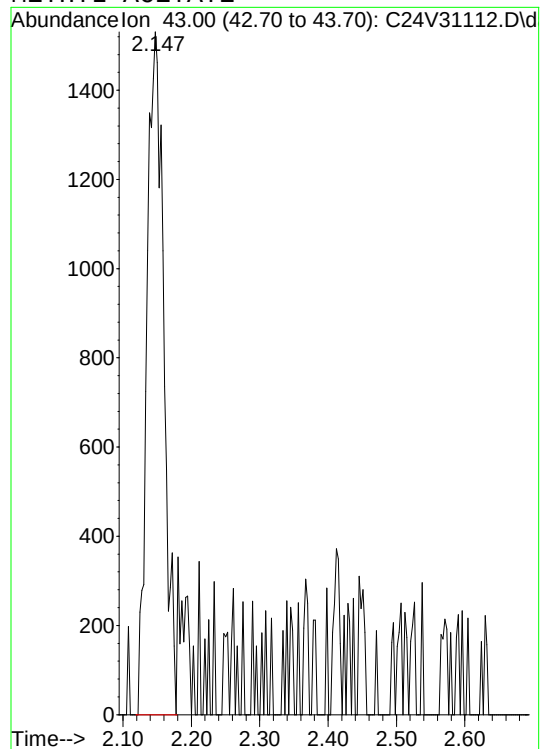
Wed Nov 06 14:49:41 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
IODOMETHANE



Original Integration
METHYL ACETATE



Original Int. Results

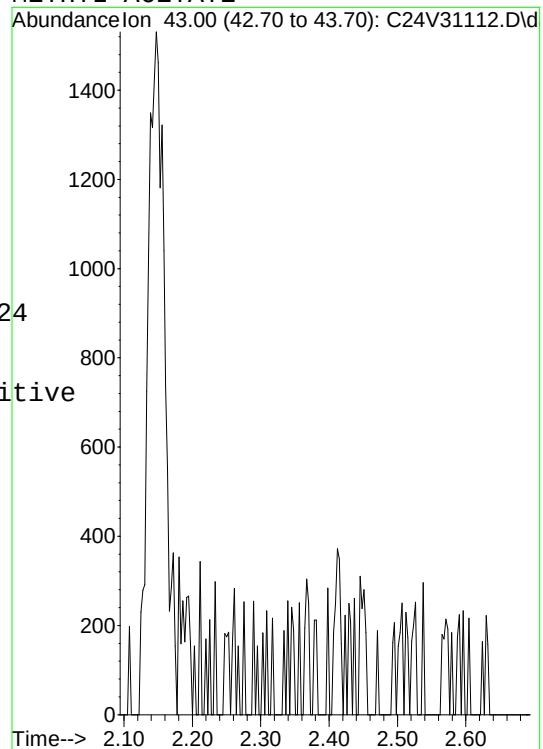
RT : 2.15
Area : 2596
Amount: 0.504918

Manual Int. Results

Wed Nov 06 14:49:45 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
METHYL ACETATE



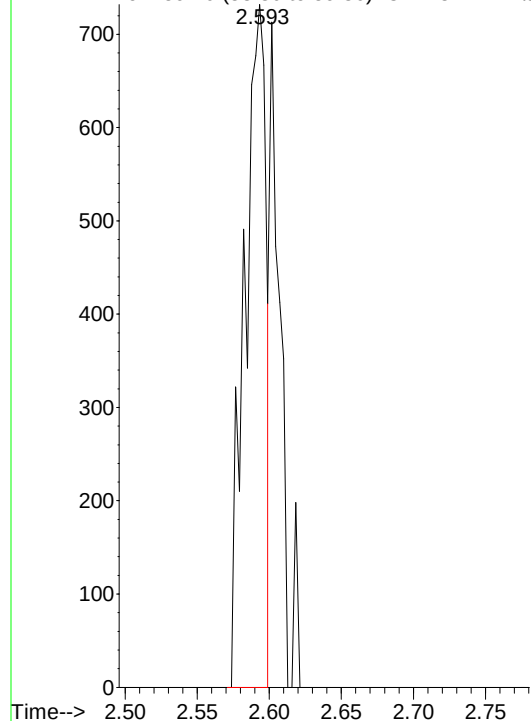
Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31112.D
Acq On : 6 Nov 2024 2:25 pm
Operator :
Sample : 24J4347-03
Misc :

Quant Time : Wed Nov 06 14:50:09 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration

T-BUTYL ALCOHOL

Abundance Ion 59.10 (58.80 to 59.80): C24V31112.D



Original Int. Results

RT : 2.59
Area : 753
Amount: 1.44527

Manual Int. Results

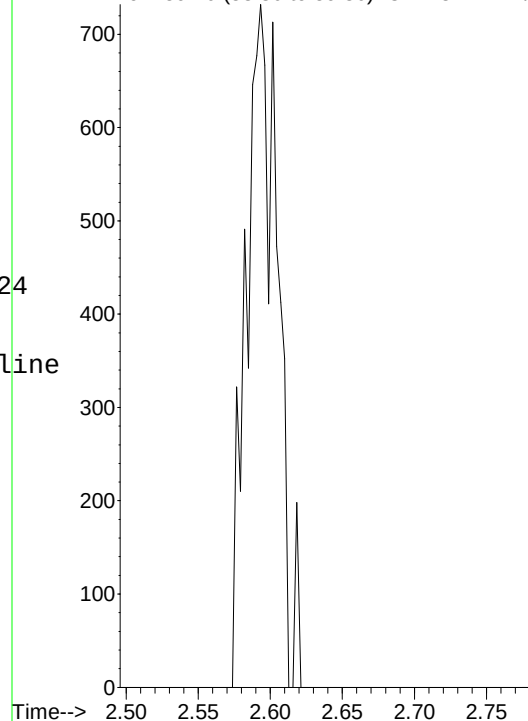
Wed Nov 06 14:49:50 2024

MIuser: MFF
Reason: Incorrect Baseline
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL ALCOHOL

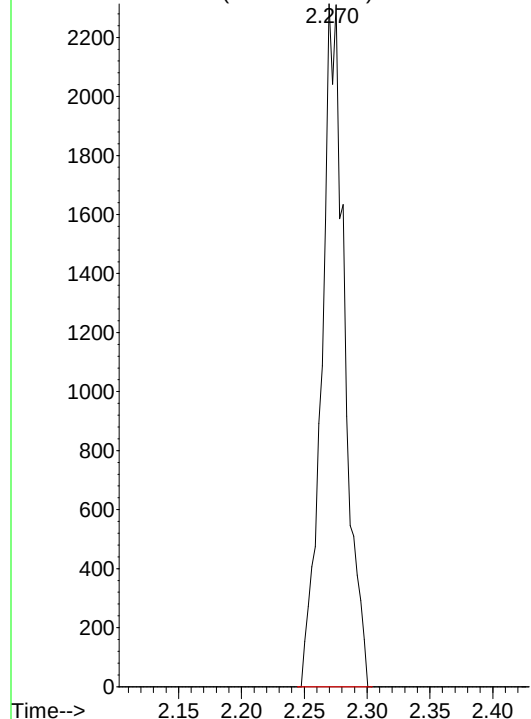
Abundance Ion 59.10 (58.80 to 59.80): C24V31112.D



Original Integration

CARBON DISULFIDE

Abundance Ion 76.00 (75.70 to 76.70): C24V31112.D



Original Int. Results

RT : 2.27
Area : 2937
Amount: 0.323821

Manual Int. Results

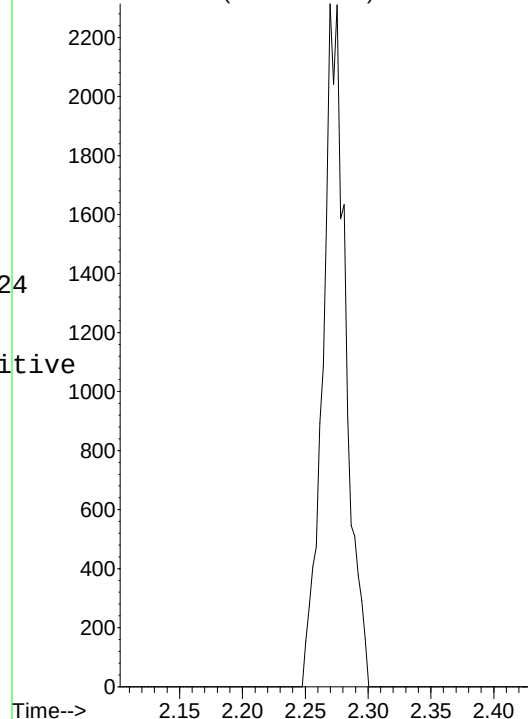
Wed Nov 06 14:49:56 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

CARBON DISULFIDE

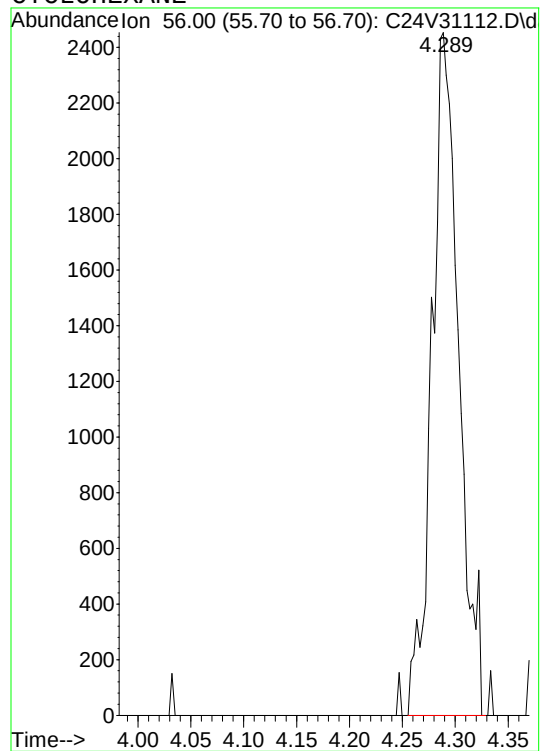
Abundance Ion 76.00 (75.70 to 76.70): C24V31112.D



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31112.D
Acq On : 6 Nov 2024 2:25 pm
Operator :
Sample : 24J4347-03
Misc :

Quant Time : Wed Nov 06 14:50:09 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CYCLOHEXANE



Original Int. Results

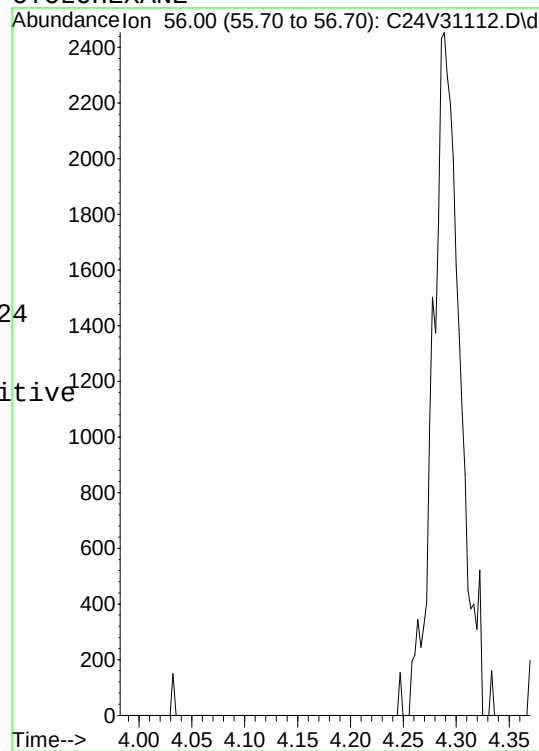
RT : 4.29
Area : 4319
Amount: 0.841048

Manual Int. Results

Wed Nov 06 14:50:09 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



1 - FORM I

ANALYSIS DATA SHEET

MW-4

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-04
		File ID:	C24V31113.D
Sampled:	10/30/24 14:02	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 14:52
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide		1.5	5.0	
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	58	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.67	0.16	1.0	J

1 - FORM I

ANALYSIS DATA SHEET

MW-4

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-04
		File ID:	C24V31113.D
Sampled:	10/30/24 14:02	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 14:52
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene		0.14	1.0	
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene		0.25	2.0	V-05
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene	6.0	0.17	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene	10	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride	14	0.19	2.0	

1 - FORM I

ANALYSIS DATA SHEET

MW-4

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Ren Project: Former RKO Drycleaners - CO 151681
Matrix: Ground Water Laboratory ID: 24J4347-04 File ID: C24V31113.D
Sampled: 10/30/24 14:02 Prepared: 11/05/24 13:26 Analyzed: 11/06/24 14:52
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B391460 Sequence: S113476 Calibration: 2200537 Instrument: GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene		0.25	2.0	
95-47-6	o-Xylene		0.16	1.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31113.D
 Acq On : 6 Nov 2024 2:52 pm
 Operator :
 Sample : 24J4347-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 07 06:00:57 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.291	168	206066	30.00	UG/L	0.00
49) 1,4-DIFLUOROBENZENE - ...	5.008	114	277678	30.00	UG/L	0.00
72) CHLOROBENZENE-D5 ISTD	7.839	82	123097	30.00	UG/L	0.00
91) 1,4-DICHLOROBENZENE-D4...	10.139	152	113123	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.562	65	96401	24.93	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.72%		
50) TOLUENE SS	6.442	98	247858	22.54	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.16%		
73) 4-BROMOFLUOROBENZENE SS	8.999	95	80409	22.03	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.12%		
Target Compounds						
6) VINYL CHLORIDE	1.310	62	50206	14.00	UG/L	98
26) TRANS 1,2-DICHLOROETHENE	2.727	61	2833	0.67	UG/L	96
33) CIS-1,2-DICHLOROETHENE	3.742	61	275501	58.43	UG/L	97
52) TRICHLOROETHENE	5.254	95	25695	10.03	UG/L	92
68) TETRACHLOROETHENE	7.033	166	15737	6.05	UG/L	98

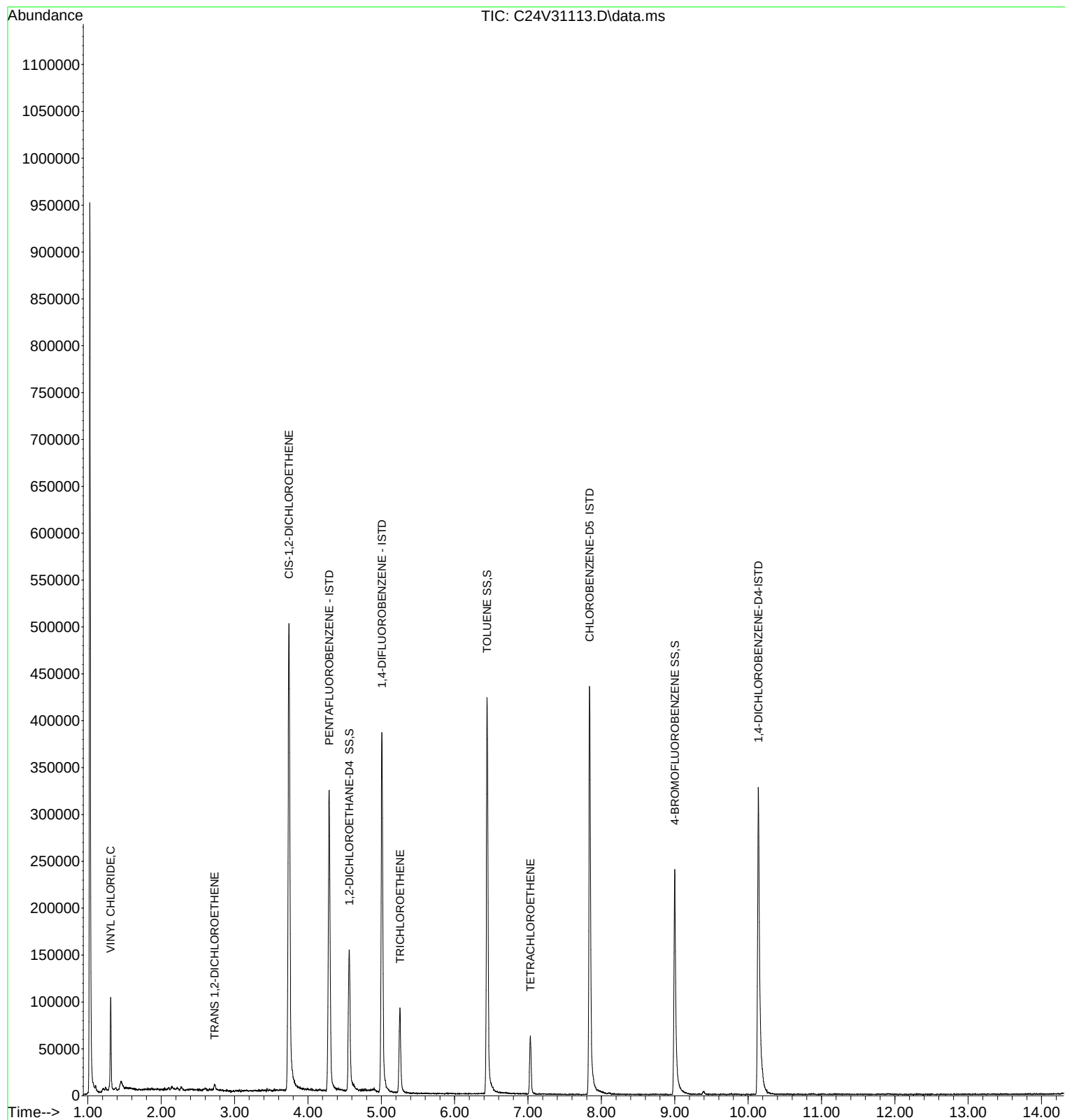
(#) = qualifier out of range (m) = manual integration (+) = signals summed

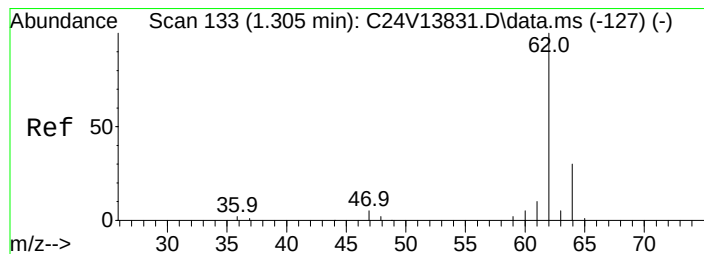
Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31113.D
Acq On : 6 Nov 2024 2:52 pm
Operator :
Sample : 24J4347-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

83

Inst : GCMSVOA3

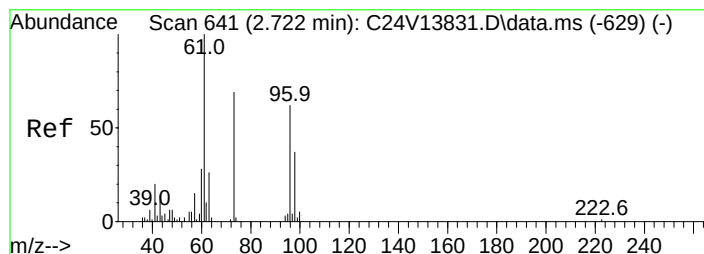
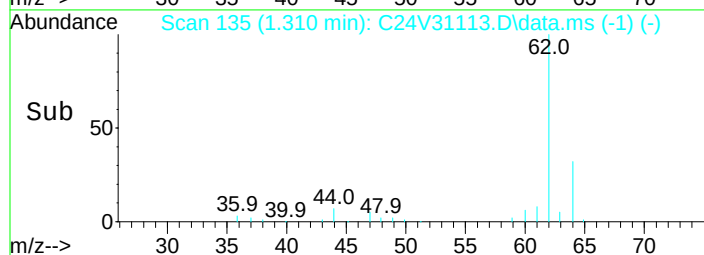
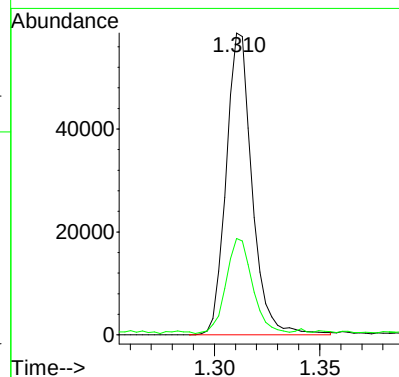
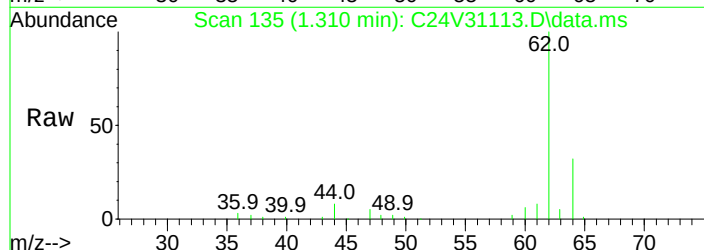
Quant Time: Nov 07 06:00:57 2024
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Jan 10 12:13:53 2024
Response via : Initial Calibration





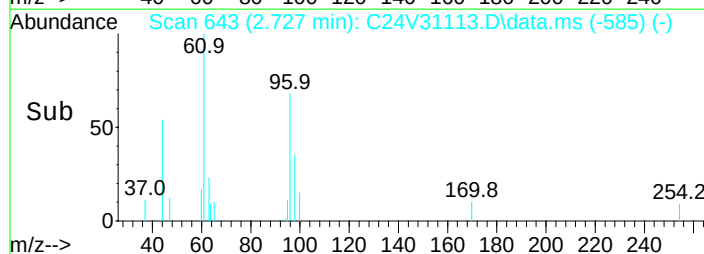
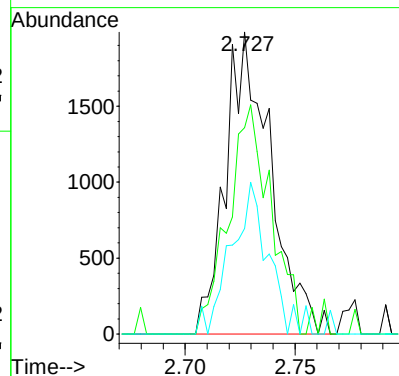
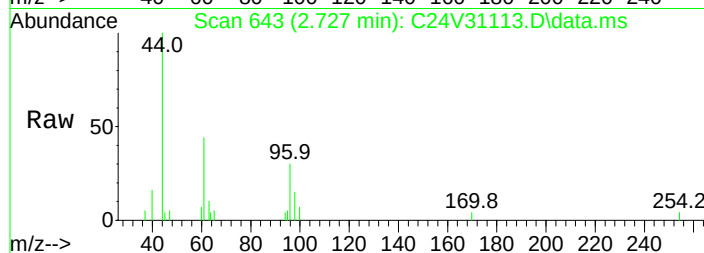
#6
VINYL CHLORIDE
Concen: 14.00 UG/L
RT: 1.310 min Scan# 135
Delta R.T. 0.005 min
Lab File: C24V31113.D
Acq: 6 Nov 2024 2:52 pm

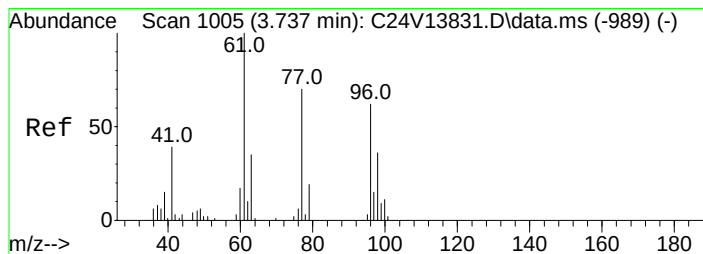
Tgt Ion	62	64	Resp	100	32.0	Lower	24.6	Upper	36.8
Ion Ratio	100	32.0							



#26
TRANS 1,2-DICHLOROETHENE
Concen: 0.67 UG/L
RT: 2.727 min Scan# 643
Delta R.T. 0.006 min
Lab File: C24V31113.D
Acq: 6 Nov 2024 2:52 pm

Tgt Ion	61	96	98	Resp	100	71.2	39.5	Lower	57.4	36.2	Upper	86.2	54.4
Ion Ratio	100	71.2	39.5										





#33

CIS-1,2-DICHLOROETHENE

Concen: 58.43 UG/L

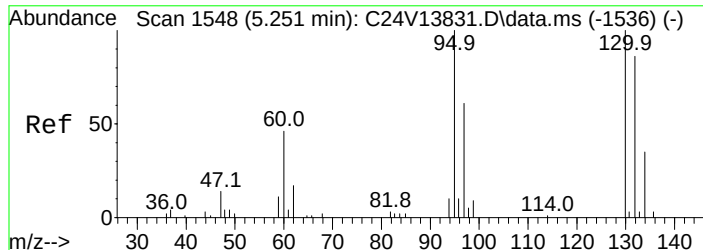
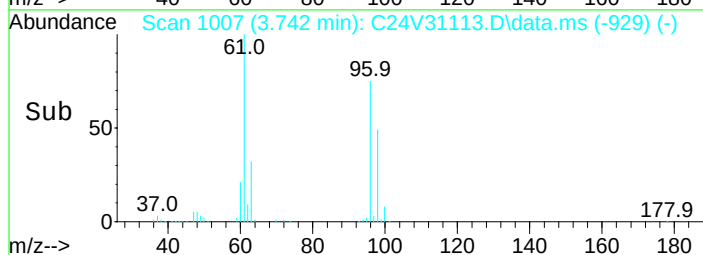
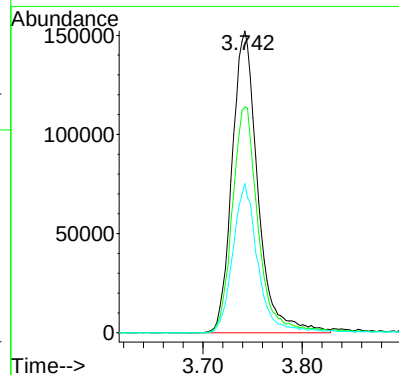
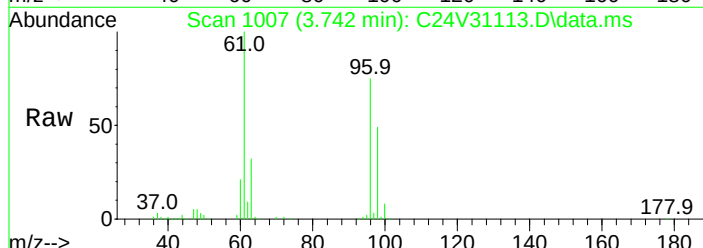
RT: 3.742 min Scan# 1007

Delta R.T. 0.003 min

Lab File: C24V31113.D

Acq: 6 Nov 2024 2:52 pm

Tgt Ion:	61	Resp:	275501
Ion Ratio	Lower	Upper	
61	100		
96	74.7	58.1	87.1
98	47.2	36.1	54.1



#52

TRICHLOROETHENE

Concen: 10.03 UG/L

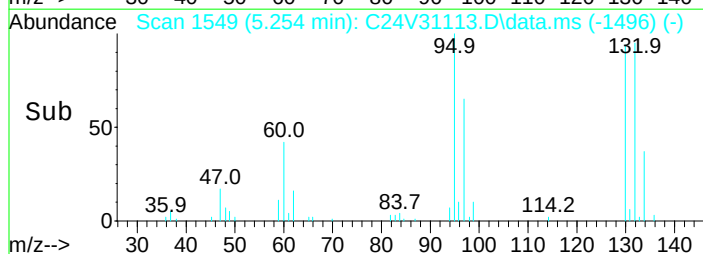
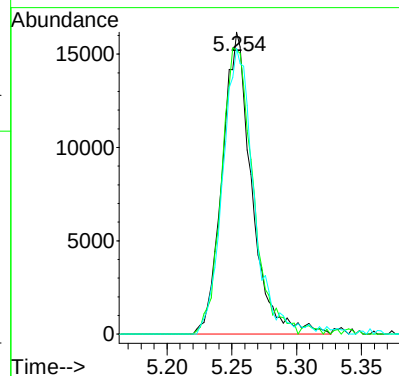
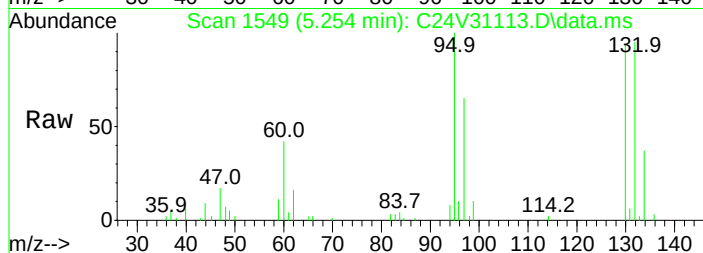
RT: 5.254 min Scan# 1549

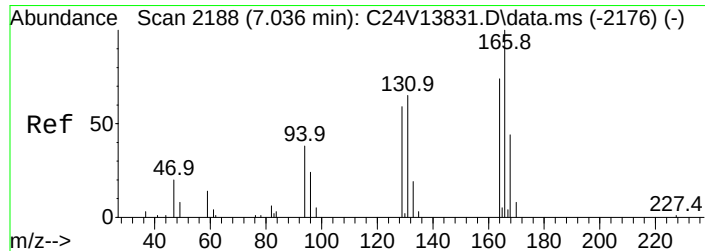
Delta R.T. -0.002 min

Lab File: C24V31113.D

Acq: 6 Nov 2024 2:52 pm

Tgt Ion:	95	Resp:	25695
Ion Ratio	Lower	Upper	
95	100		
130	100.3	85.7	128.5
132	95.6	84.7	127.1

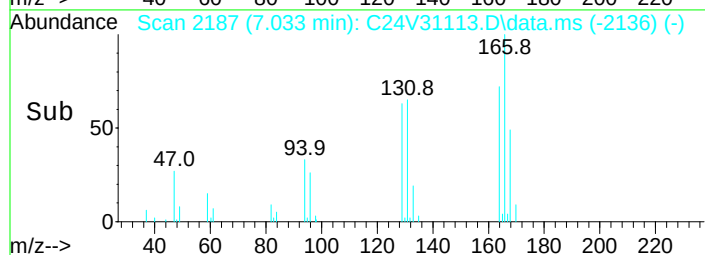
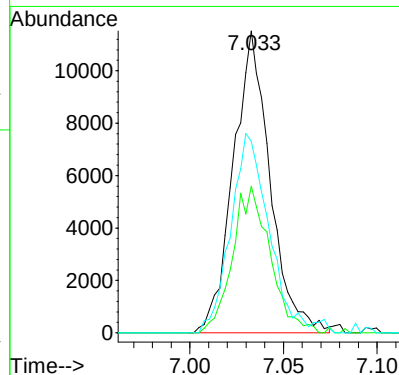
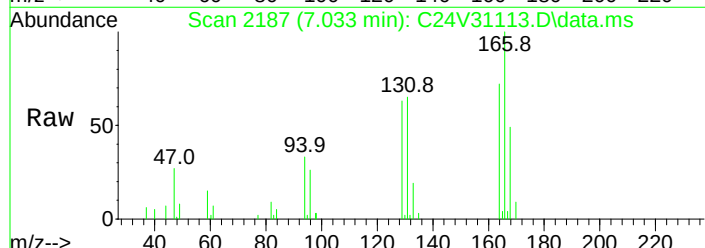




#68
 TETRACHLOROETHENE
 Concen: 6.05 UG/L
 RT: 7.033 min Scan# 2187
 Delta R.T. -0.003 min
 Lab File: C24V31113.D
 Acq: 6 Nov 2024 2:52 pm

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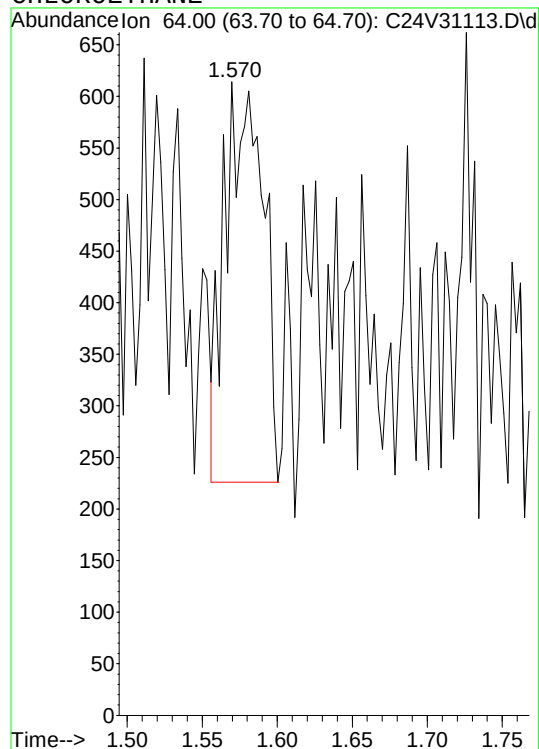
Tgt Ion	166	168	129	Resp:	15737
Ion Ratio	100	49.3	67.8	Lower	Upper
				37.6	56.4
				53.4	80.2



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31113.D
Acq On : 6 Nov 2024 2:52 pm
Operator :
Sample : 24J4347-04
Misc :

Quant Time : Thu Nov 07 06:00:57 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CHLOROETHANE



Original Int. Results

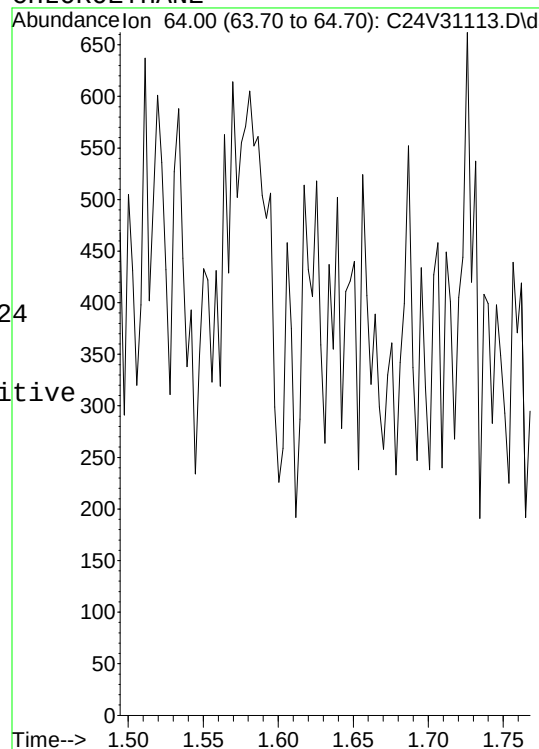
RT : 1.57
Area : 686
Amount: 0.277326

Manual Int. Results

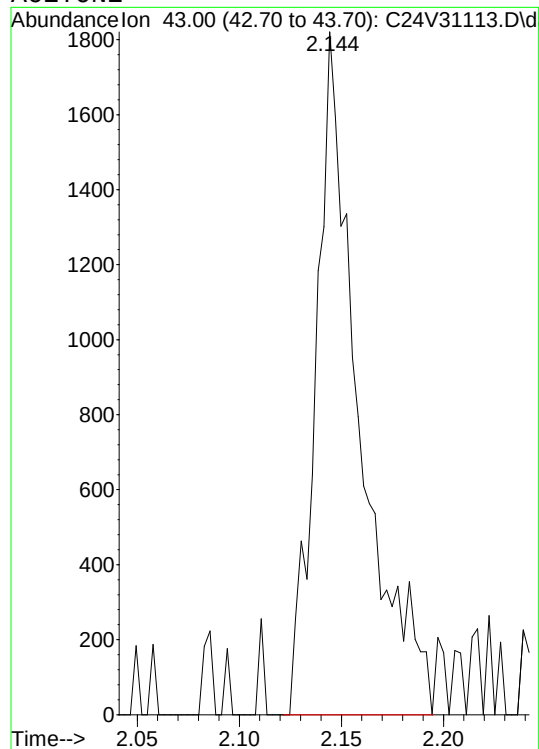
Thu Nov 07 05:56:49 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CHLOROETHANE



Original Integration
ACETONE



Original Int. Results

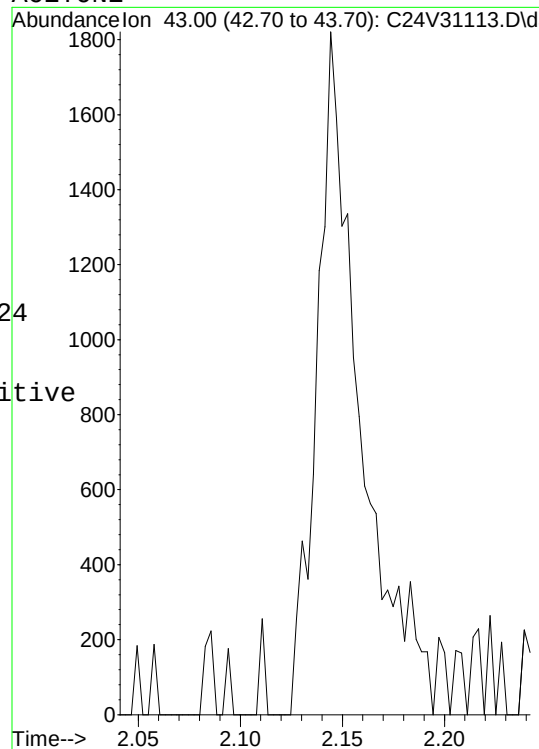
RT : 2.14
Area : 2689
Amount: 2.14988

Manual Int. Results

Thu Nov 07 05:56:54 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ACETONE



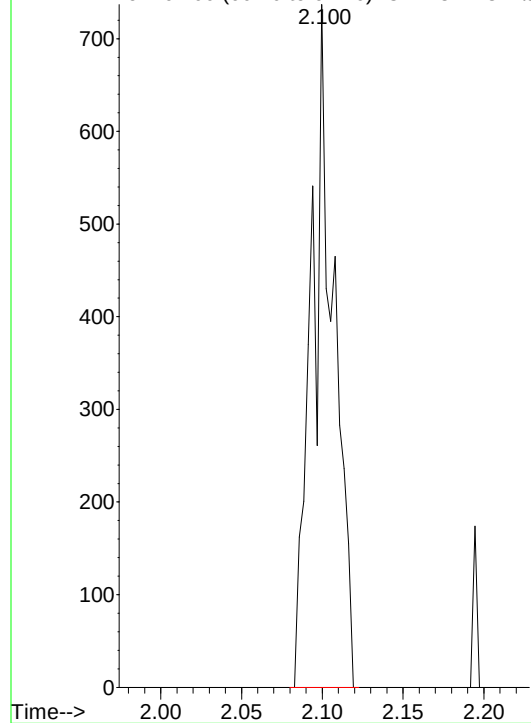
Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31113.D
Acq On : 6 Nov 2024 2:52 pm
Operator :
Sample : 24J4347-04
Misc :

Quant Time : Thu Nov 07 06:00:57 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration

1,1-DICHLOROETHENE

Abundance on 61.00 (60.70 to 61.70): C24V31113.D



Original Int. Results

RT : 2.10
Area : 709
Amount: 0.158722

Manual Int. Results

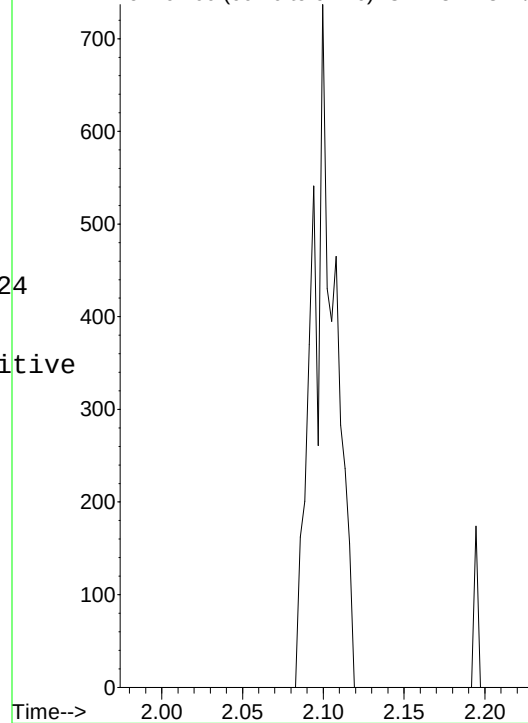
Thu Nov 07 05:57:08 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

1,1-DICHLOROETHENE

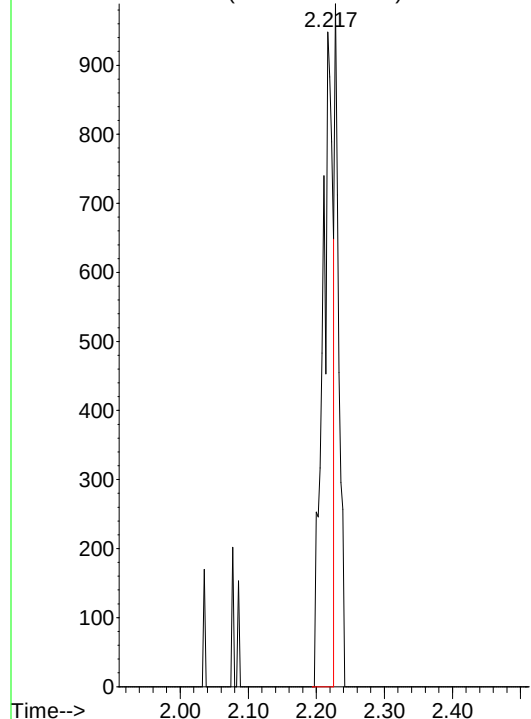
Abundance on 61.00 (60.70 to 61.70): C24V31113.D



Original Integration

IODOMETHANE

Abundance on 142.00 (141.70 to 142.70): C24V31113.D



Original Int. Results

RT : 2.22
Area : 964
Amount: 0.258933

Manual Int. Results

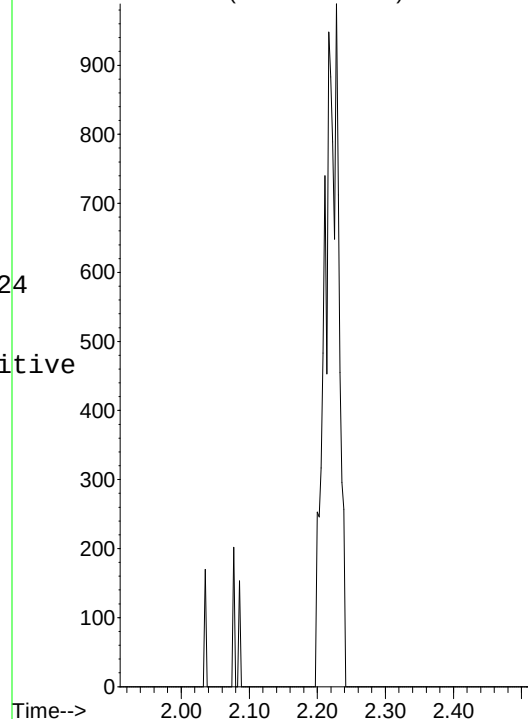
Thu Nov 07 05:57:14 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

IODOMETHANE

Abundance on 142.00 (141.70 to 142.70): C24V31113.D

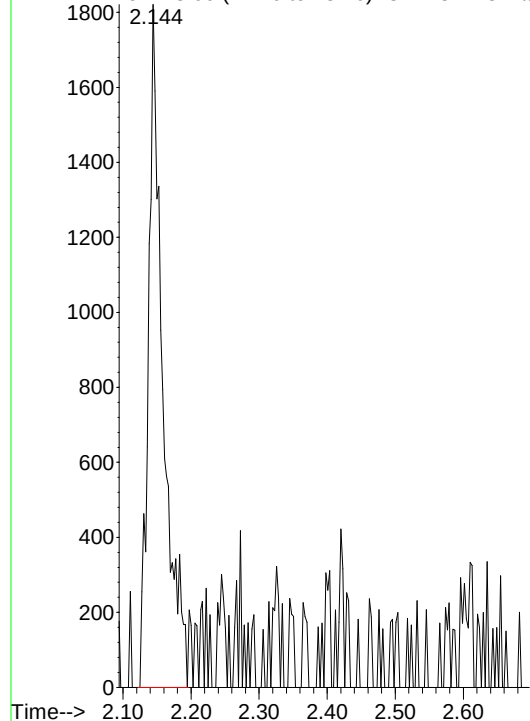


Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31113.D
Acq On : 6 Nov 2024 2:52 pm
Operator :
Sample : 24J4347-04
Misc :

Quant Time : Thu Nov 07 06:00:57 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
METHYL ACETATE

Abundance on 43.00 (42.70 to 43.70): C24V31113.D



Original Int. Results

RT : 2.14
Area : 2689
Amount: 0.55226

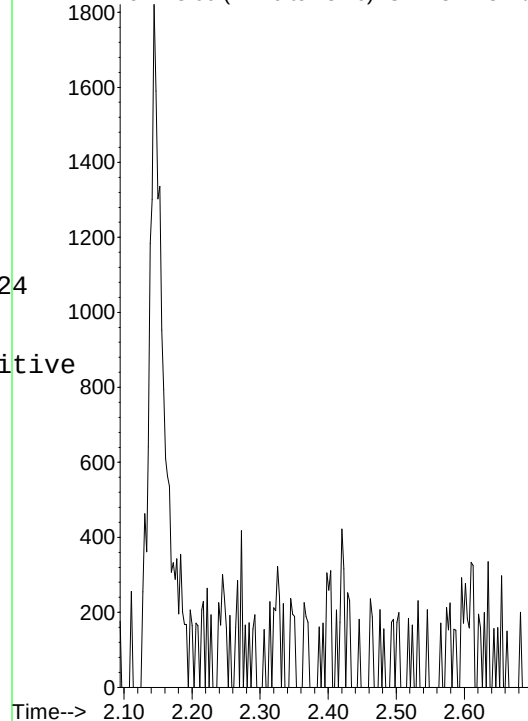
Manual Int. Results

Thu Nov 07 05:59:53 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

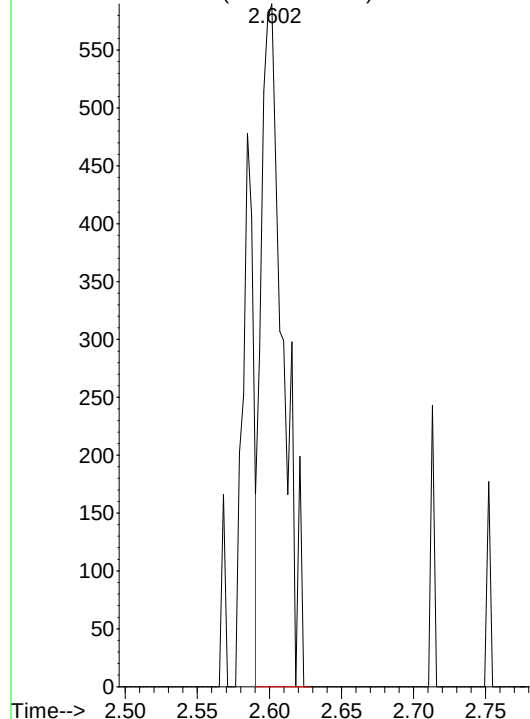
Manual Integration
METHYL ACETATE

Abundance on 43.00 (42.70 to 43.70): C24V31113.D



Original Integration
T-BUTYL ALCOHOL

Abundance on 59.10 (58.80 to 59.80): C24V31113.D



Original Int. Results

RT : 2.60
Area : 618
Amount: 1.2525

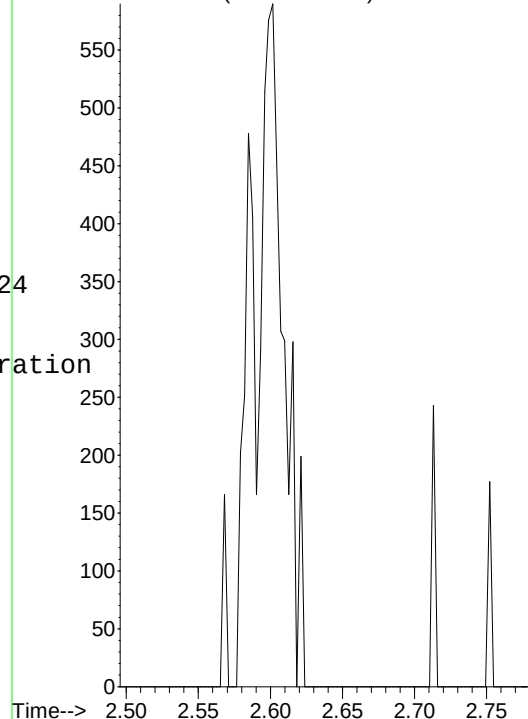
Manual Int. Results

Thu Nov 07 05:59:58 2024

MIuser: MFF
Reason: Incoret Integration
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-BUTYL ALCOHOL

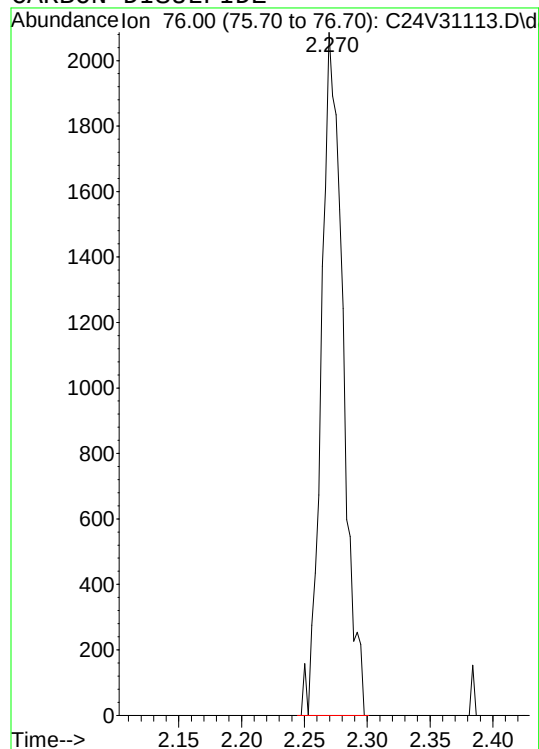
Abundance on 59.10 (58.80 to 59.80): C24V31113.D



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31113.D
Acq On : 6 Nov 2024 2:52 pm
Operator :
Sample : 24J4347-04
Misc :

Quant Time : Thu Nov 07 06:00:57 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CARBON DISULFIDE



Original Int. Results

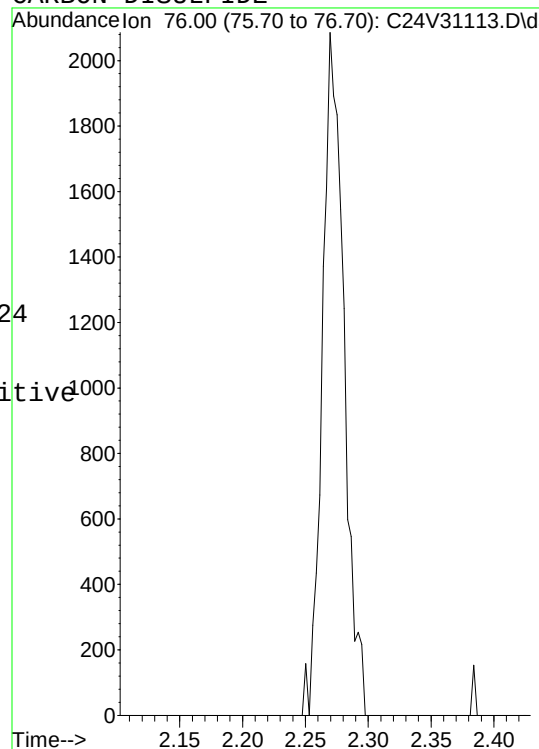
RT : 2.27
Area : 2504
Amount: 0.291522

Manual Int. Results

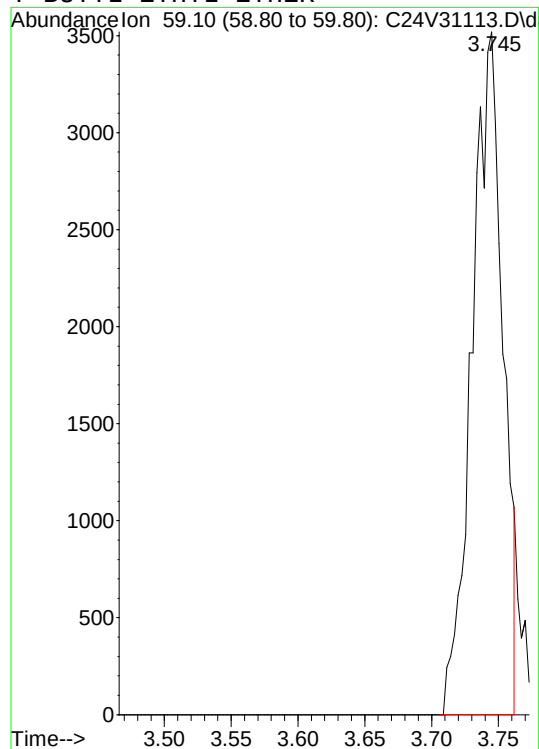
Thu Nov 07 06:00:05 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CARBON DISULFIDE



Original Integration
T-BUTYL ETHYL ETHER



Original Int. Results

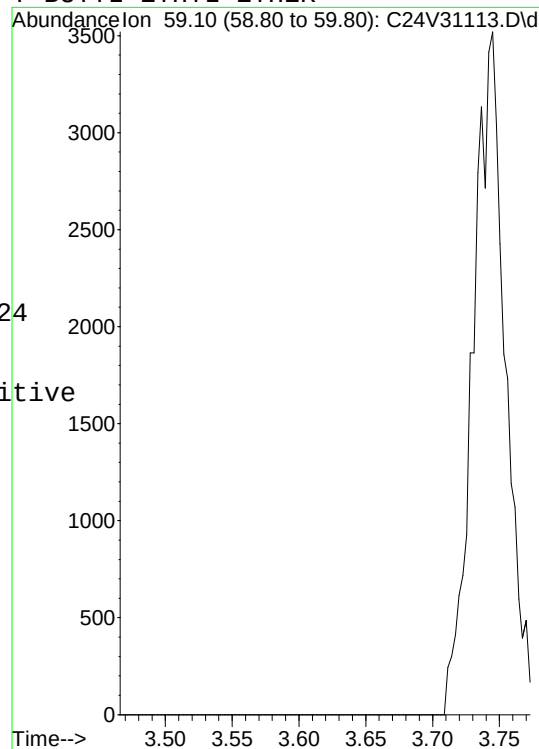
RT : 3.74
Area : 5661
Amount: 0.59576

Manual Int. Results

Thu Nov 07 06:00:40 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

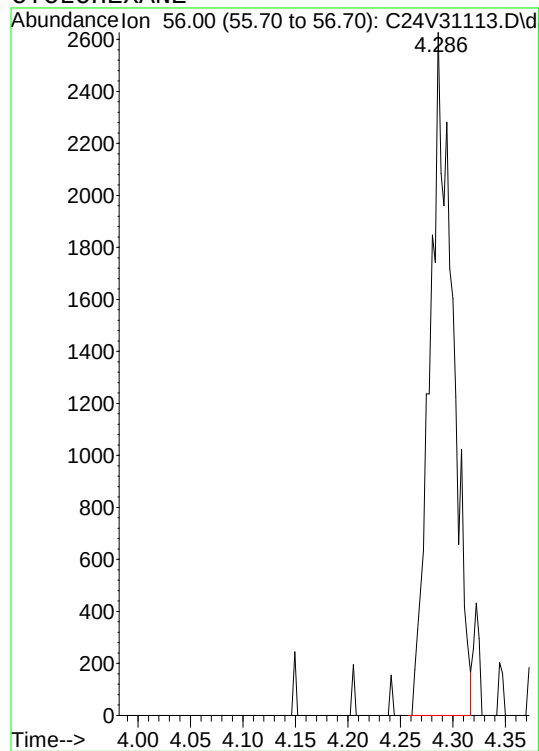
Manual Integration
T-BUTYL ETHYL ETHER



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31113.D
Acq On : 6 Nov 2024 2:52 pm
Operator :
Sample : 24J4347-04
Misc :

Quant Time : Thu Nov 07 06:00:57 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CYCLOHEXANE



Original Int. Results

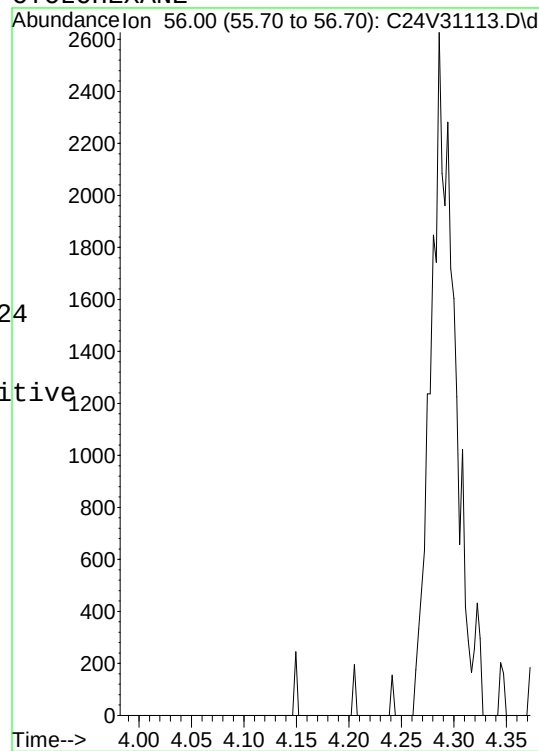
RT : 4.29
Area : 3971
Amount: 0.816534

Manual Int. Results

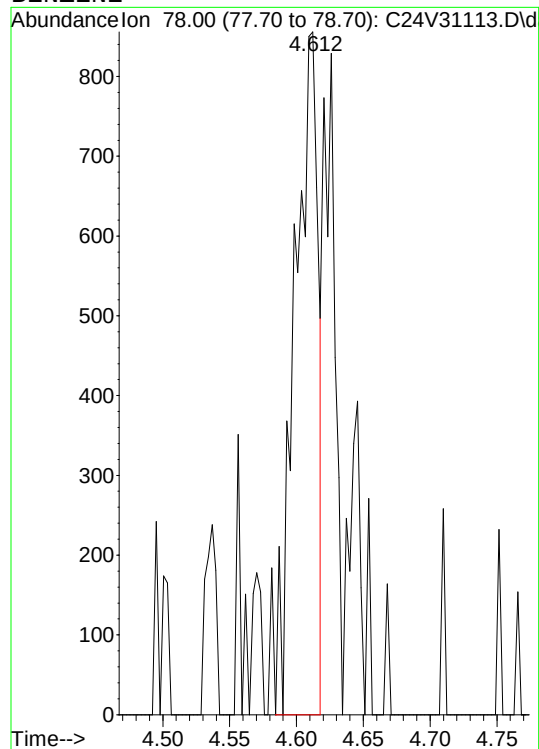
Thu Nov 07 06:00:48 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



Original Integration
BENZENE



Original Int. Results

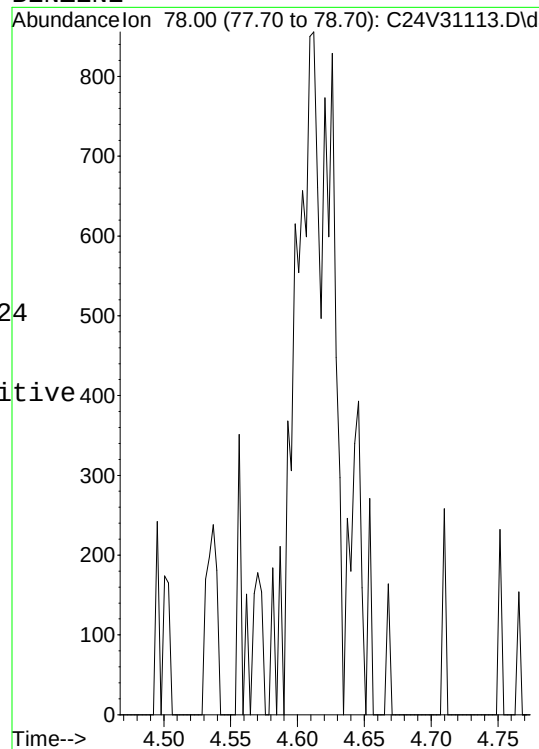
RT : 4.61
Area : 1033
Amount: 0.0901803

Manual Int. Results

Thu Nov 07 06:00:56 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
BENZENE



1 - FORM I

ANALYSIS DATA SHEET

MW-5

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-05
		File ID:	C24V31128.D
Sampled:	10/30/24 12:23	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 21:33
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	2.3	2.0	50	J
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide		1.5	5.0	
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	MS-09, V-05
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene	0.46	0.18	1.0	J
156-59-2	cis-1,2-Dichloroethylene	43	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.48	0.16	1.0	J

1 - FORM I

ANALYSIS DATA SHEET

MW-5

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-05
		File ID:	C24V31128.D
Sampled:	10/30/24 12:23	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 21:33
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene		0.14	1.0	
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene		0.25	2.0	MS-09, R-06, V-0
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene	140	0.17	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	MS-09
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	MS-09, R-06
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene	31	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride	17	0.19	2.0	

1 - FORM I

ANALYSIS DATA SHEET

MW-5

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Ren Project: Former RKO Drycleaners - CO 151681
Matrix: Ground Water Laboratory ID: 24J4347-05 File ID: C24V31128.D
Sampled: 10/30/24 12:23 Prepared: 11/05/24 13:26 Analyzed: 11/06/24 21:33
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B391460 Sequence: S113476 Calibration: 2200537 Instrument: GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene		0.25	2.0	
95-47-6	o-Xylene		0.16	1.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31128.D
 Acq On : 6 Nov 2024 9:33 pm
 Operator :
 Sample : 24J4347-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 07 06:33:54 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

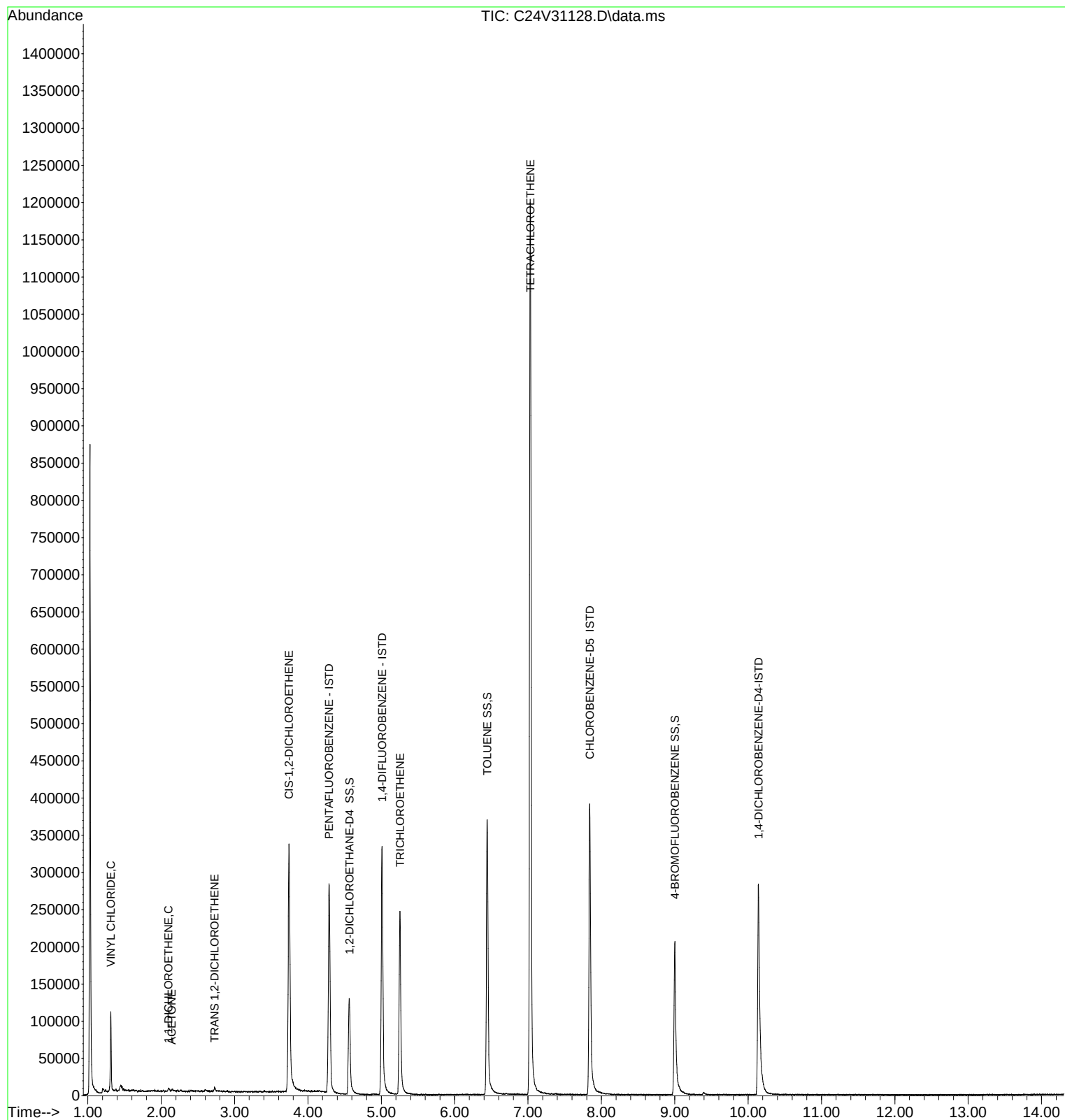
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.289	168	185468	30.00	UG/L	0.00
49) 1,4-DIFLUOROBENZENE - ...	5.011	114	239426	30.00	UG/L	0.00
72) CHLOROBENZENE-D5 ISTD	7.841	82	116132	30.00	UG/L	0.00
91) 1,4-DICHLOROBENZENE-D4...	10.142	152	95581	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.565	65	83754	24.06	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.24%		
50) TOLUENE SS	6.444	98	227926	24.04	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.16%		
73) 4-BROMOFLUOROBENZENE SS	8.999	95	66013	19.17	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.68%		
Target Compounds						
6) VINYL CHLORIDE	1.313	62	53375	16.53	UG/L	Qvalue 98
14) ACETONE	2.144	43	2577	2.29	UG/L	97
15) 1,1-DICHLOROETHENE	2.097	61	1858	0.46	UG/L	# 89
26) TRANS 1,2-DICHLOROETHENE	2.727	61	1847	0.48	UG/L	88
33) CIS-1,2-DICHLOROETHENE	3.742	61	184419	43.46	UG/L	98
52) TRICHLOROETHENE	5.254	95	69315	31.37	UG/L	98
68) TETRACHLOROETHENE	7.033	166	324663	144.87	UG/L	99

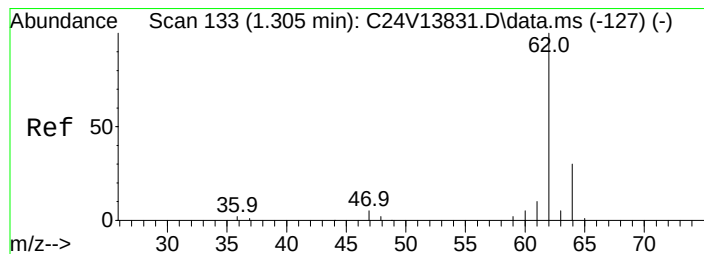
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31128.D
Acq On : 6 Nov 2024 9:33 pm
Operator :
Sample : 24J4347-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Inst : GCMSVOA3

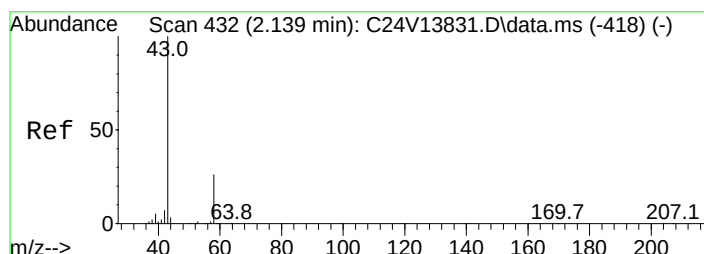
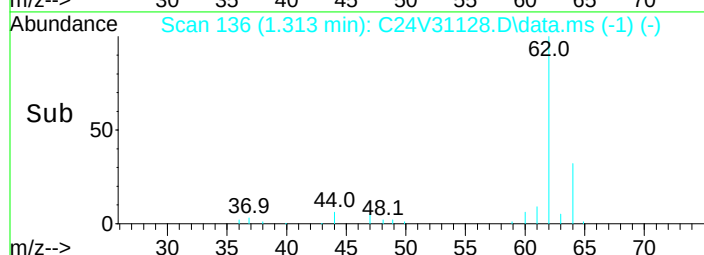
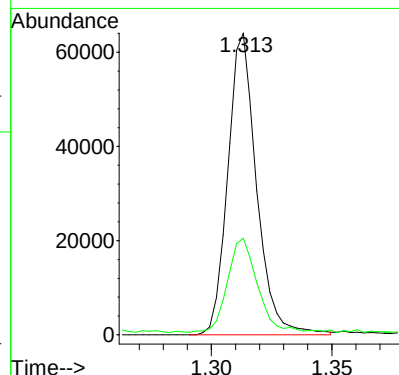
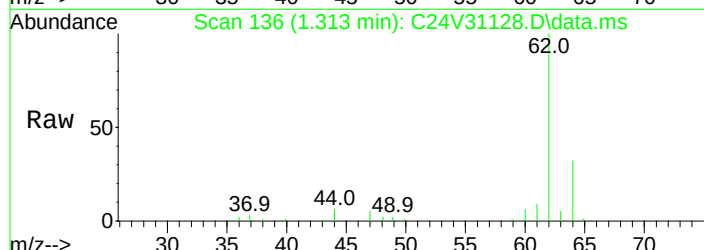
Quant Time: Nov 07 06:33:54 2024
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Jan 10 12:13:53 2024
Response via : Initial Calibration





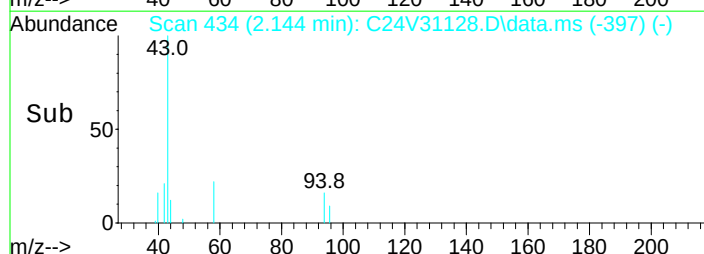
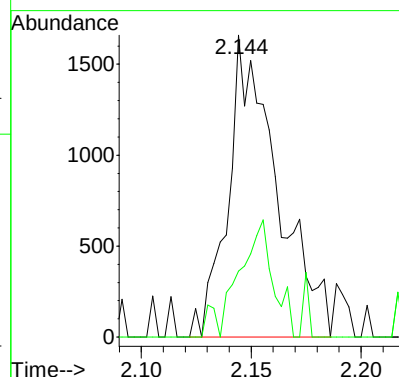
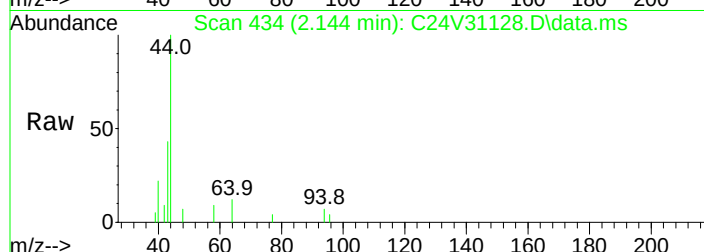
#6
VINYL CHLORIDE
Concen: 16.53 UG/L
RT: 1.313 min Scan# 136
Delta R.T. 0.008 min
Lab File: C24V31128.D
Acq: 6 Nov 2024 9:33 pm

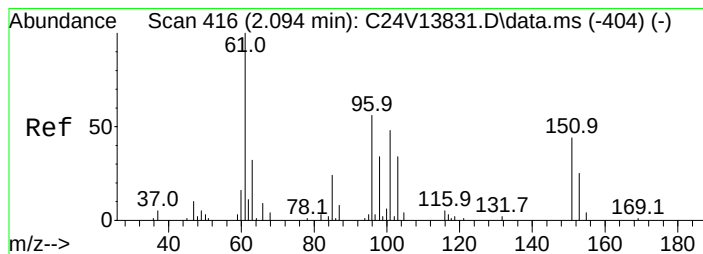
Tgt Ion	62	64	Resp	100	32.0	Lower	Upper
62	100						
64		32.0			24.6		36.8



#14
ACETONE
Concen: 2.29 UG/L
RT: 2.144 min Scan# 434
Delta R.T. 0.008 min
Lab File: C24V31128.D
Acq: 6 Nov 2024 9:33 pm

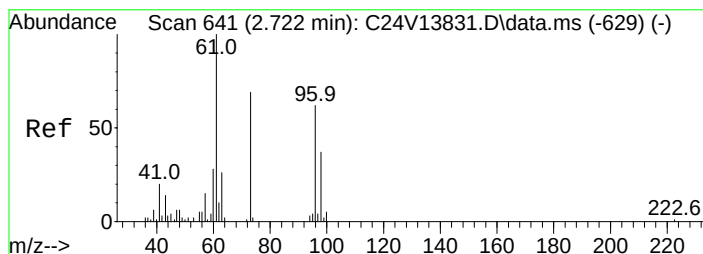
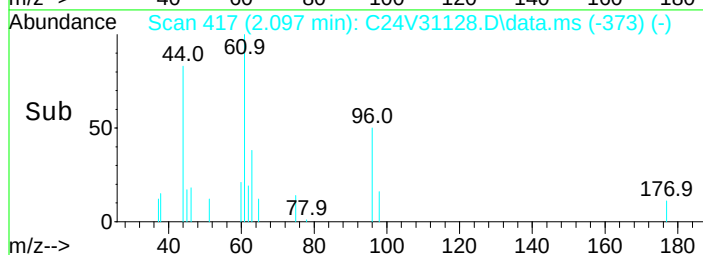
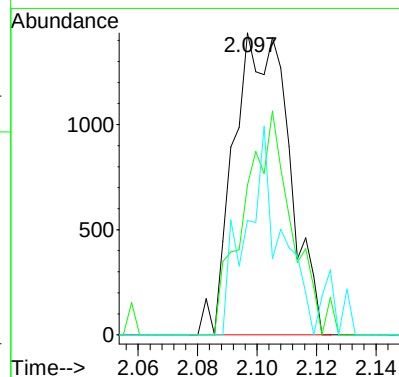
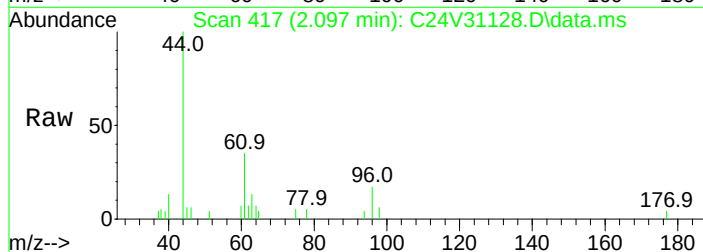
Tgt Ion	43	58	Resp	100	25.9	Lower	Upper
43	100						
58		25.9			22.1		33.1





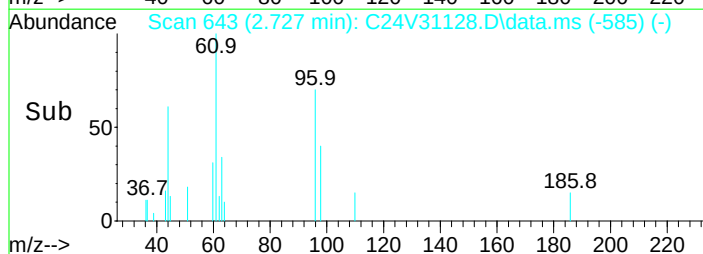
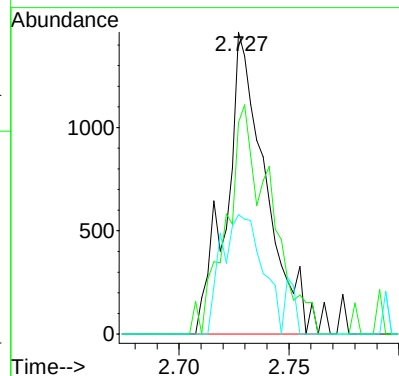
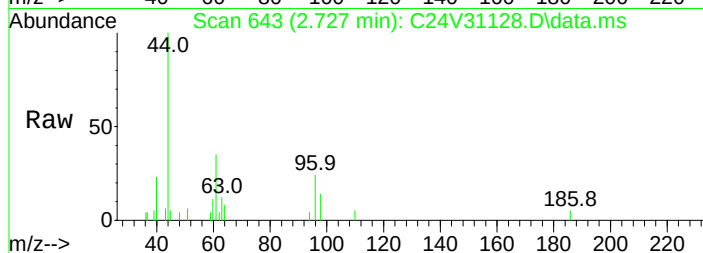
#15
1,1-DICHLOROETHENE
Concen: 0.46 UG/L
RT: 2.097 min Scan# 417
Delta R.T. 0.003 min
Lab File: C24V31128.D
Acq: 6 Nov 2024 9:33 pm

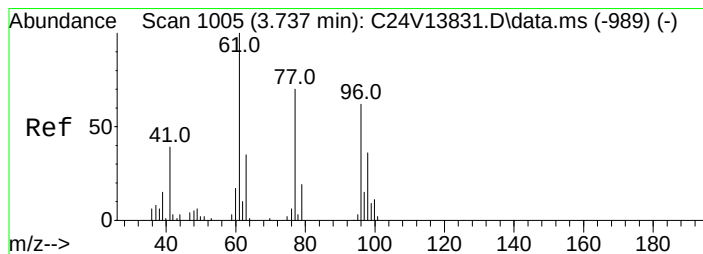
Tgt Ion	Ratio	Lower	Upper
61	100		
96	63.8	48.0	72.0
63	43.2	25.0	37.4#



#26
TRANS 1,2-DICHLOROETHENE
Concen: 0.48 UG/L
RT: 2.727 min Scan# 643
Delta R.T. 0.006 min
Lab File: C24V31128.D
Acq: 6 Nov 2024 9:33 pm

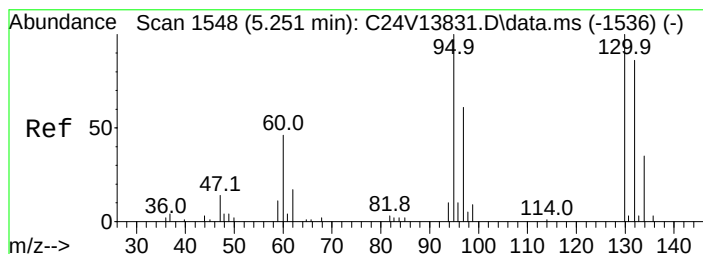
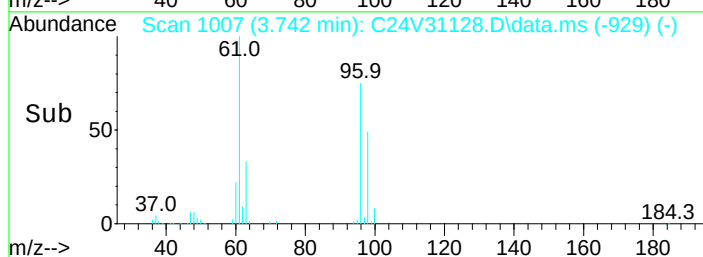
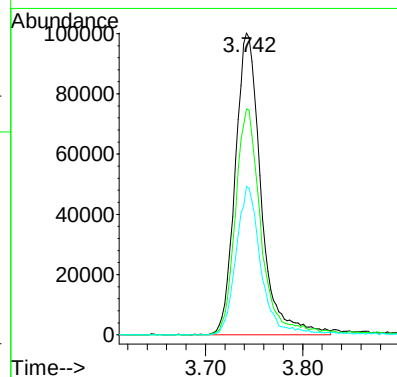
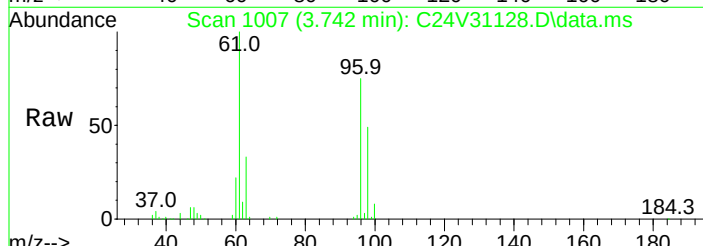
Tgt Ion	Ratio	Lower	Upper
61	100		
96	84.2	57.4	86.2
98	40.5	36.2	54.4





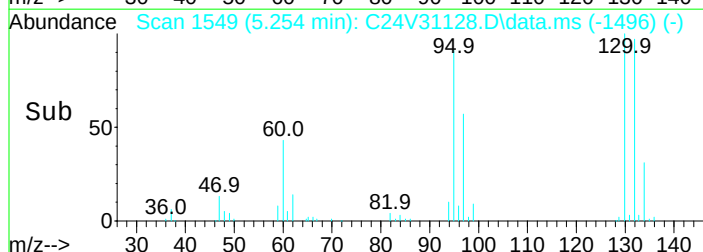
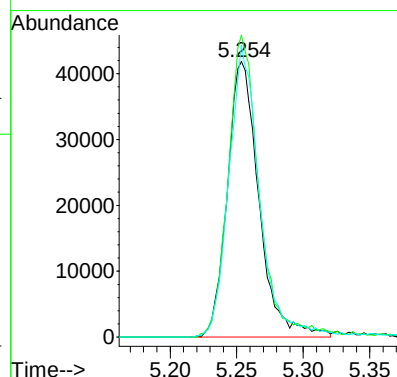
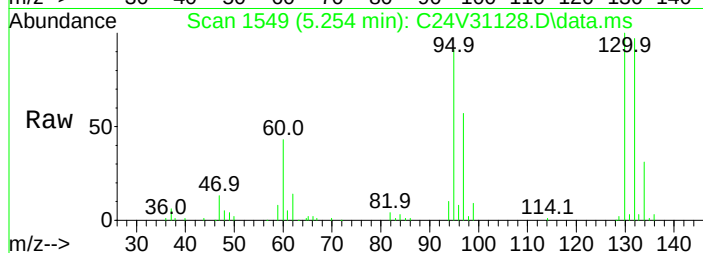
#33
 CIS-1,2-DICHLOROETHENE
 Concen: 43.46 UG/L
 RT: 3.742 min Scan# 1007
 Delta R.T. 0.003 min
 Lab File: C24V31128.D
 Acq: 6 Nov 2024 9:33 pm

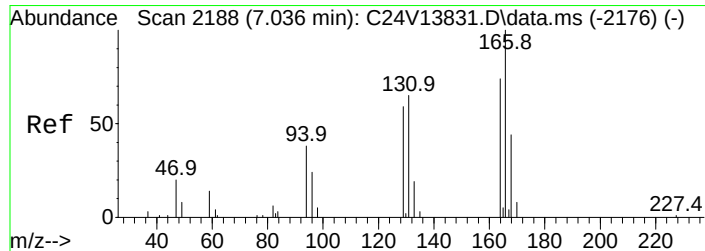
Tgt Ion	Ratio	Lower	Upper
61	100		
96	73.8	58.1	87.1
98	47.5	36.1	54.1



#52
 TRICHLOROETHENE
 Concen: 31.37 UG/L
 RT: 5.254 min Scan# 1549
 Delta R.T. -0.002 min
 Lab File: C24V31128.D
 Acq: 6 Nov 2024 9:33 pm

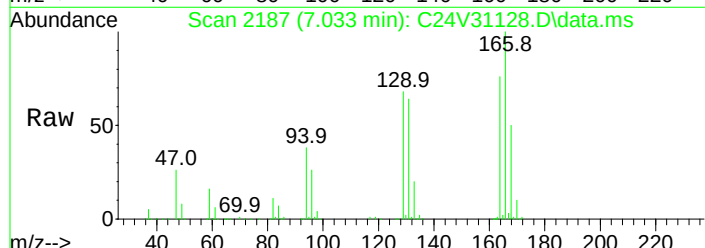
Tgt Ion	Ratio	Lower	Upper
95	100		
130	108.2	85.7	128.5
132	102.8	84.7	127.1



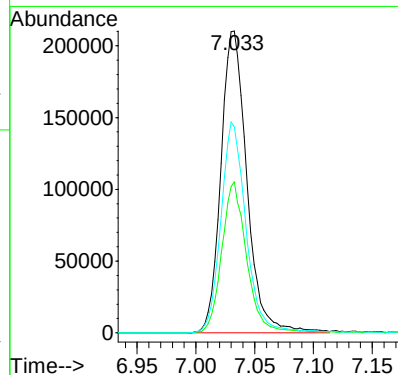
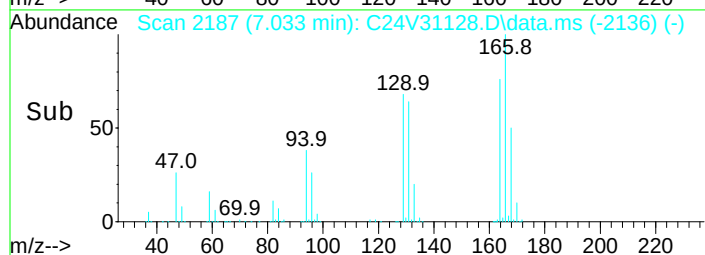


#68
 TETRACHLOROETHENE
 Concen: 144.87 UG/L
 RT: 7.033 min Scan# 2187
 Delta R.T. -0.003 min
 Lab File: C24V31128.D
 Acq: 6 Nov 2024 9:33 pm

100



Tgt Ion:	166	Resp:	324663
Ion Ratio	Lower	Upper	
166	100		
168	47.8	37.6	56.4
129	67.6	53.4	80.2

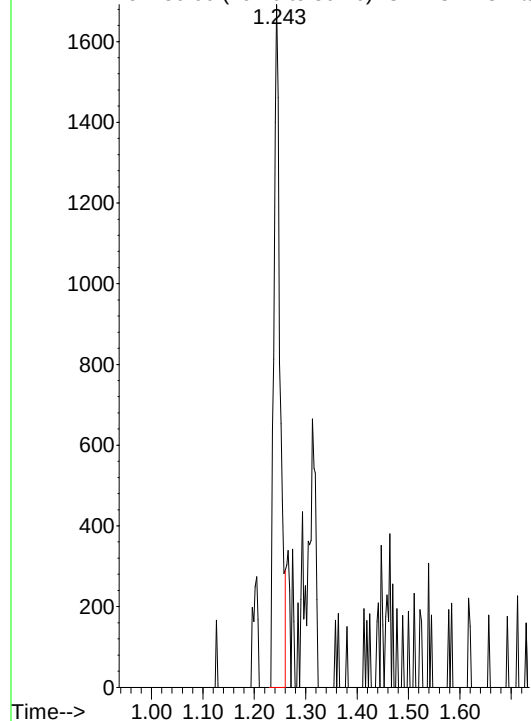


Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31128.D
Acq On : 6 Nov 2024 9:33 pm
Operator :
Sample : 24J4347-05
Misc :

Quant Time : Thu Nov 07 06:33:54 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CHLOROMETHANE

Abundance on 50.00 (49.70 to 50.70): C24V31128.Did



Original Int. Results

RT : 1.24
Area : 1421
Amount: 0.323944

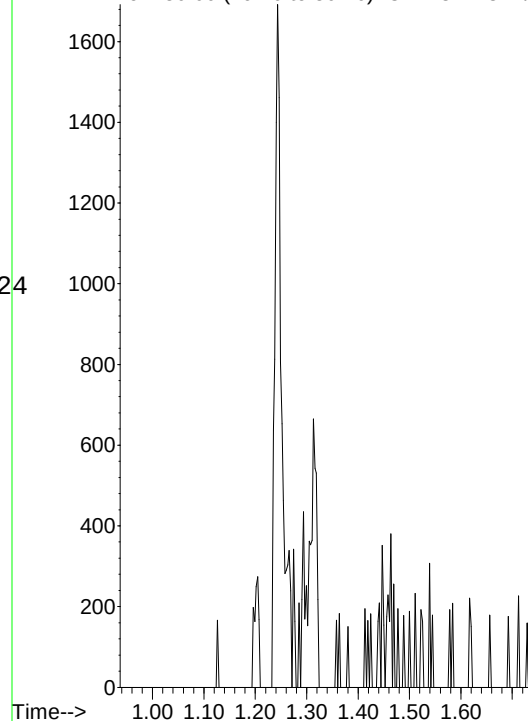
Manual Int. Results

Thu Nov 07 06:32:37 2024

MIuser: MFF
Reason: Other
RT : 0.00
Area : 0
Amount: 0

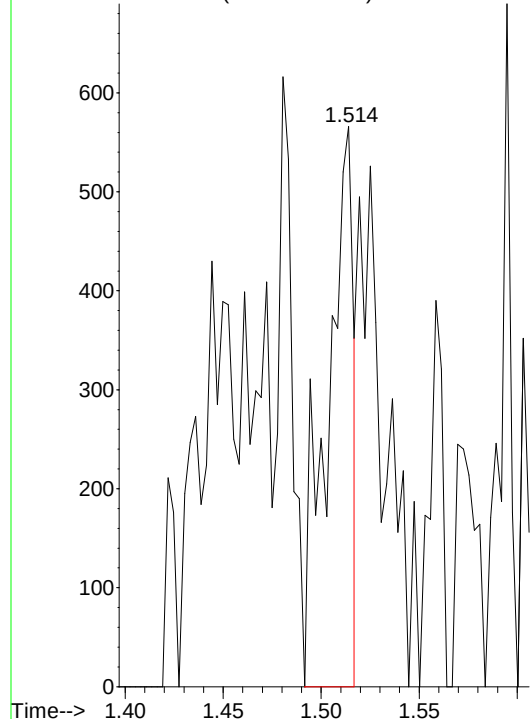
Manual Integration
CHLOROMETHANE

Abundance on 50.00 (49.70 to 50.70): C24V31128.Did



Original Integration
BROMOMETHANE

Abundance on 94.00 (93.70 to 94.70): C24V31128.Did



Original Int. Results

RT : 1.51
Area : 515
Amount: 0.270499

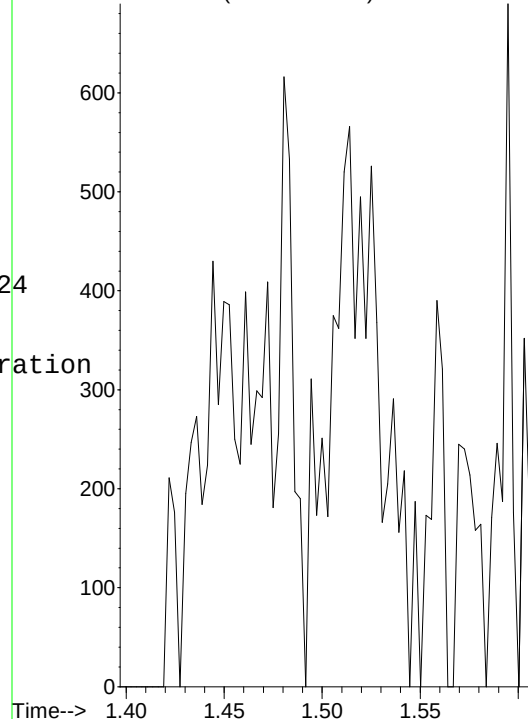
Manual Int. Results

Thu Nov 07 06:32:41 2024

MIuser: MFF
Reason: Incoret Integration
RT : 0.00
Area : 0
Amount: 0

Manual Integration
BROMOMETHANE

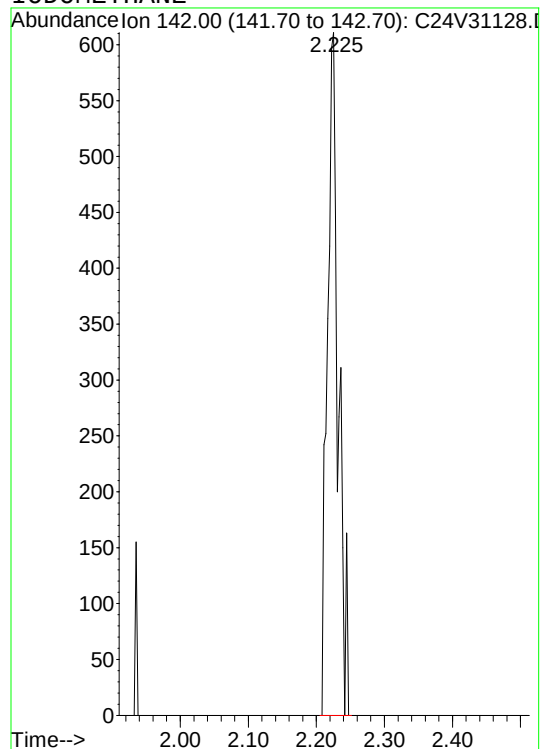
Abundance on 94.00 (93.70 to 94.70): C24V31128.Did



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31128.D
Acq On : 6 Nov 2024 9:33 pm
Operator :
Sample : 24J4347-05
Misc :

Quant Time : Thu Nov 07 06:33:54 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
IODOMETHANE



Original Int. Results

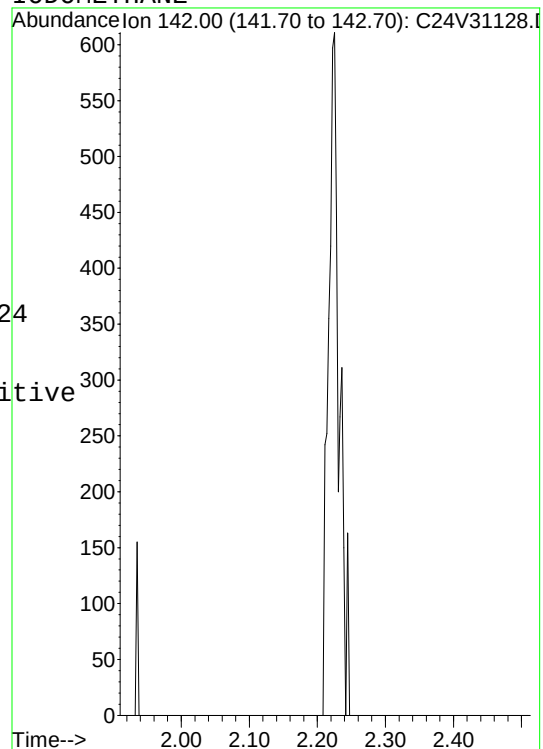
RT : 2.23
Area : 672
Amount: 0.200548

Manual Int. Results

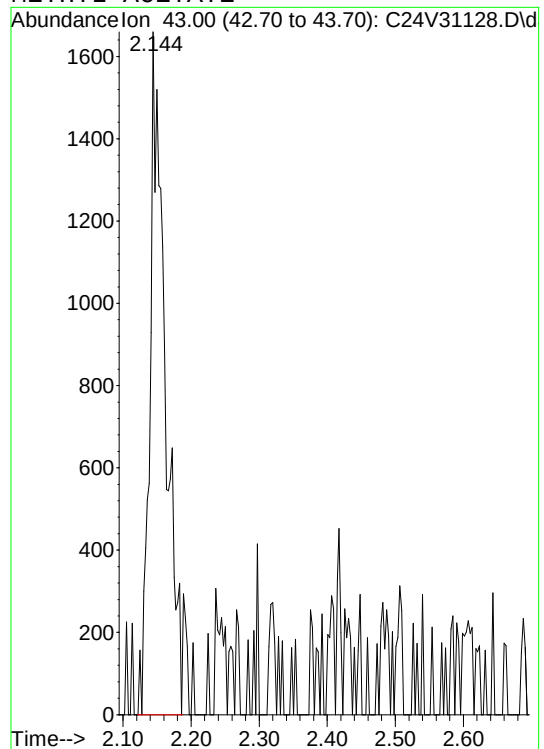
Thu Nov 07 06:33:06 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
IODOMETHANE



Original Integration
METHYL ACETATE



Original Int. Results

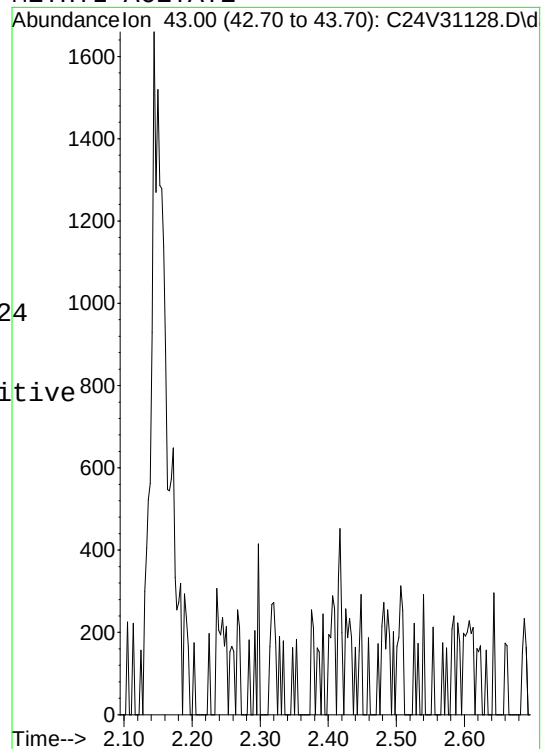
RT : 2.14
Area : 2577
Amount: 0.588037

Manual Int. Results

Thu Nov 07 06:33:10 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
METHYL ACETATE



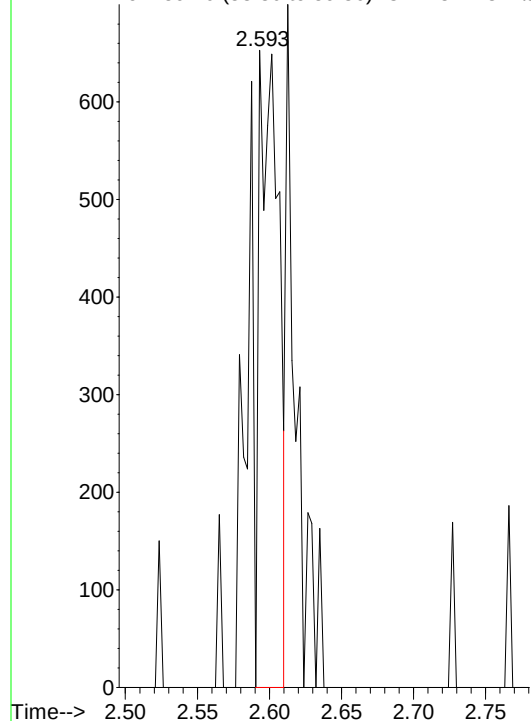
Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31128.D
Acq On : 6 Nov 2024 9:33 pm
Operator :
Sample : 24J4347-05
Misc :

Quant Time : Thu Nov 07 06:33:54 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration

T-BUTYL ALCOHOL

Abundance Ion 59.10 (58.80 to 59.80): C24V31128.D



Original Int. Results

RT : 2.59
Area : 609
Amount: 1.37134

Manual Int. Results

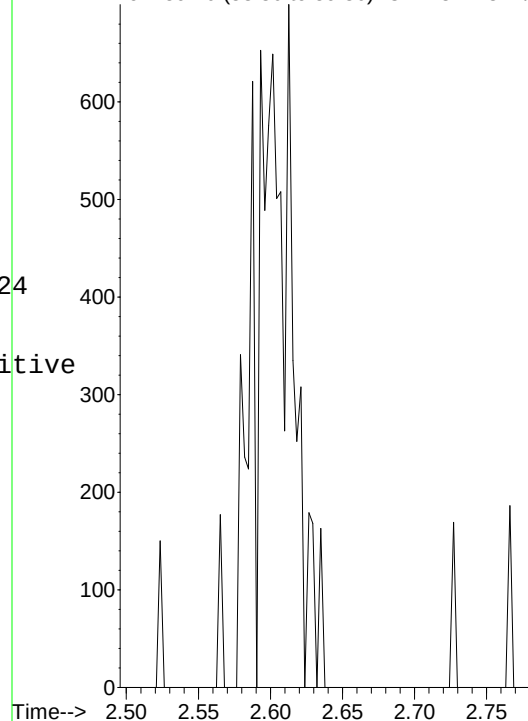
Thu Nov 07 06:33:13 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL ALCOHOL

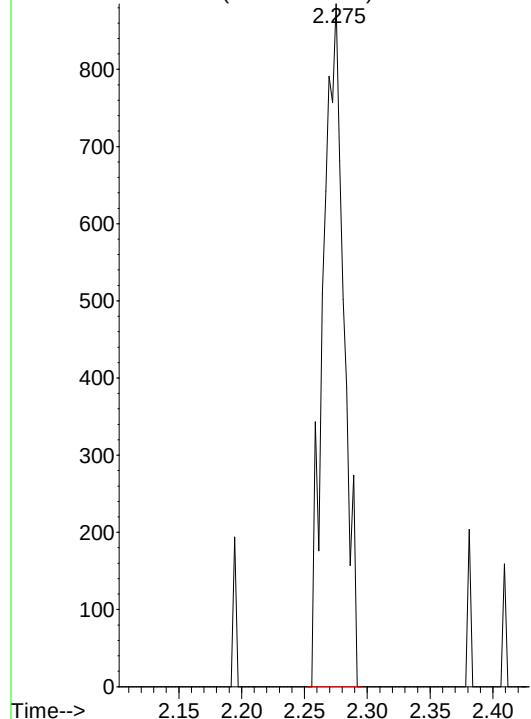
Abundance Ion 59.10 (58.80 to 59.80): C24V31128.D



Original Integration

CARBON DISULFIDE

Abundance Ion 76.00 (75.70 to 76.70): C24V31128.D



Original Int. Results

RT : 2.28
Area : 1022
Amount: 0.132198

Manual Int. Results

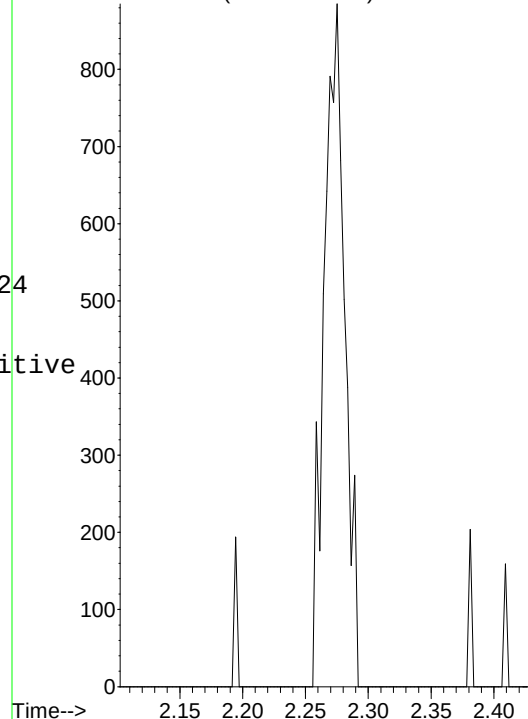
Thu Nov 07 06:33:16 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

CARBON DISULFIDE

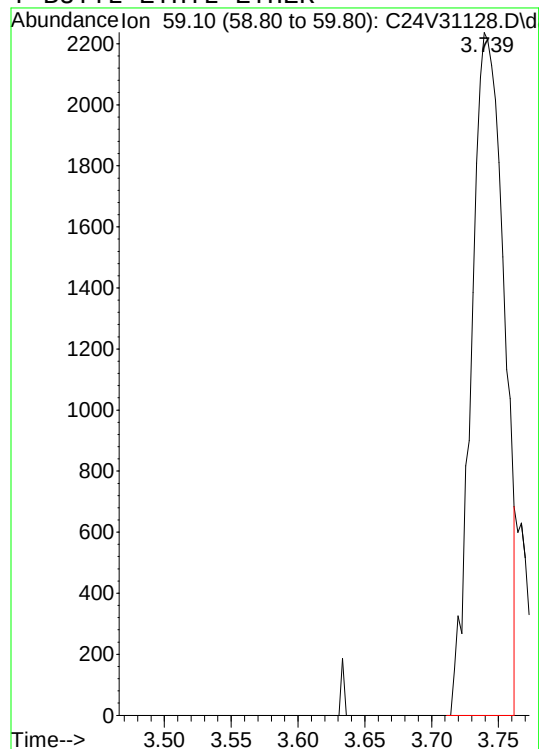
Abundance Ion 76.00 (75.70 to 76.70): C24V31128.D



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31128.D
Acq On : 6 Nov 2024 9:33 pm
Operator :
Sample : 24J4347-05
Misc :

Quant Time : Thu Nov 07 06:33:54 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
T-BUTYL ETHYL ETHER



Original Int. Results

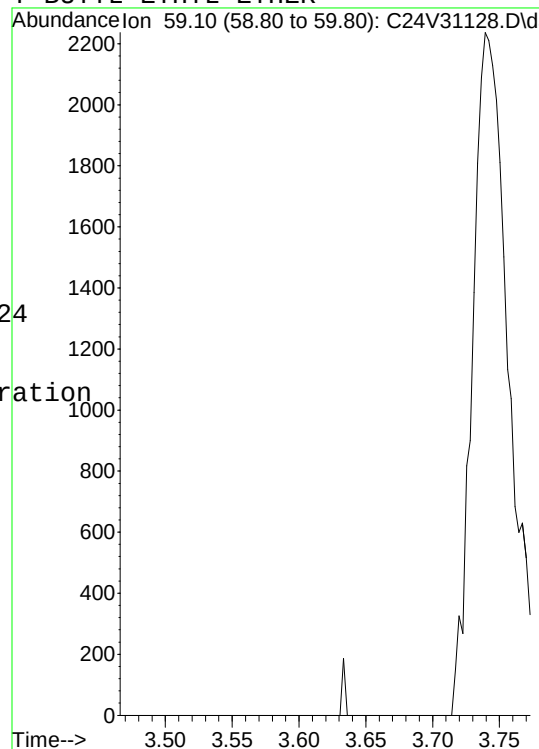
RT : 3.74
Area : 3766
Amount: 0.440348

Manual Int. Results

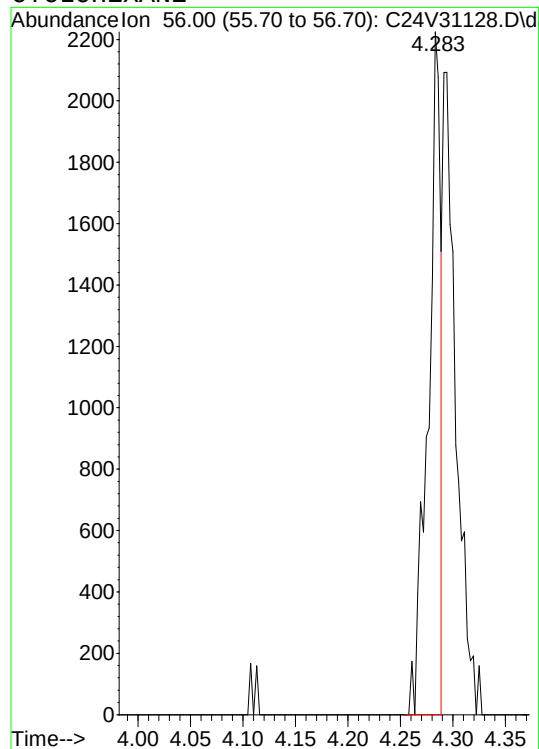
Thu Nov 07 06:33:23 2024

MIuser: MFF
Reason: Incoret Integration
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-BUTYL ETHYL ETHER



Original Integration
CYCLOHEXANE



Original Int. Results

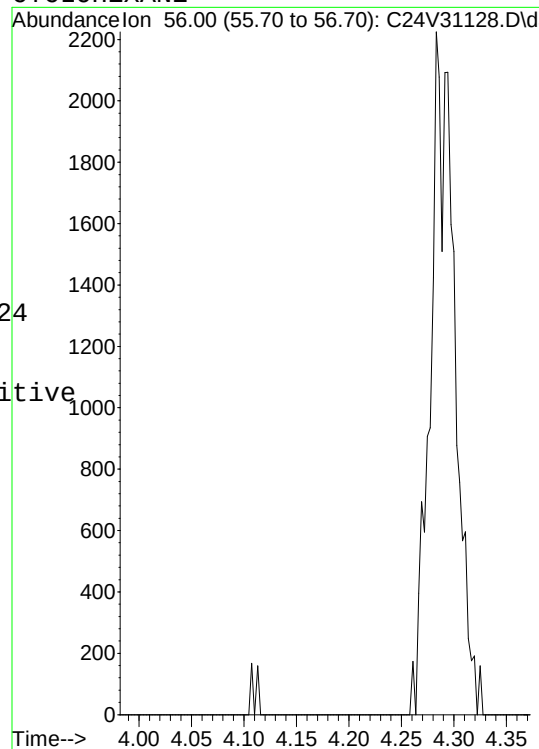
RT : 4.28
Area : 1830
Amount: 0.418083

Manual Int. Results

Thu Nov 07 06:33:32 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE

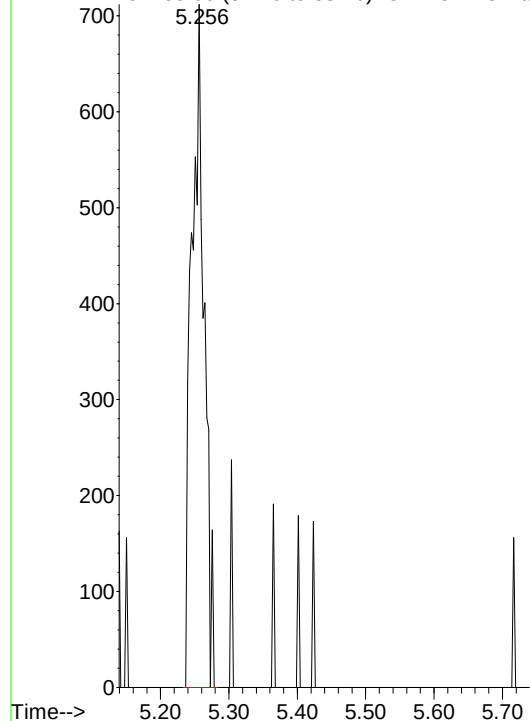


Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31128.D
Acq On : 6 Nov 2024 9:33 pm
Operator :
Sample : 24J4347-05
Misc :

Quant Time : Thu Nov 07 06:33:54 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
METHYLCYCLOHEXANE

Abundance Ion 83.00 (82.70 to 83.70): C24V31128.D



Original Int. Results

RT : 5.26
Area : 910
Amount: 0.34467

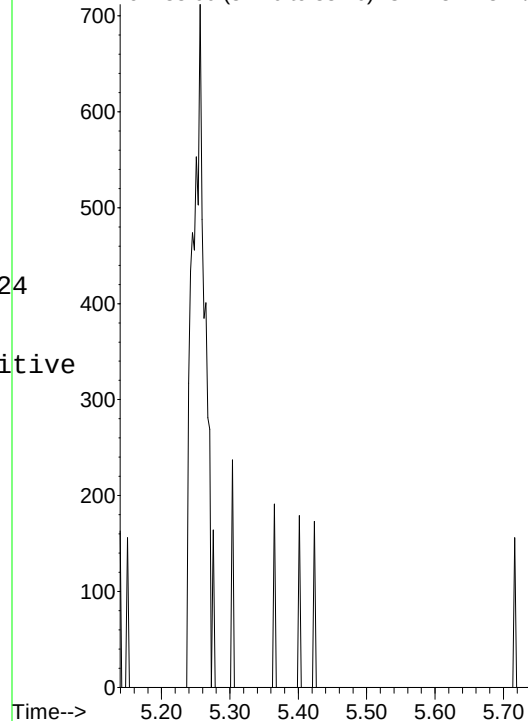
Manual Int. Results

Thu Nov 07 06:33:39 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

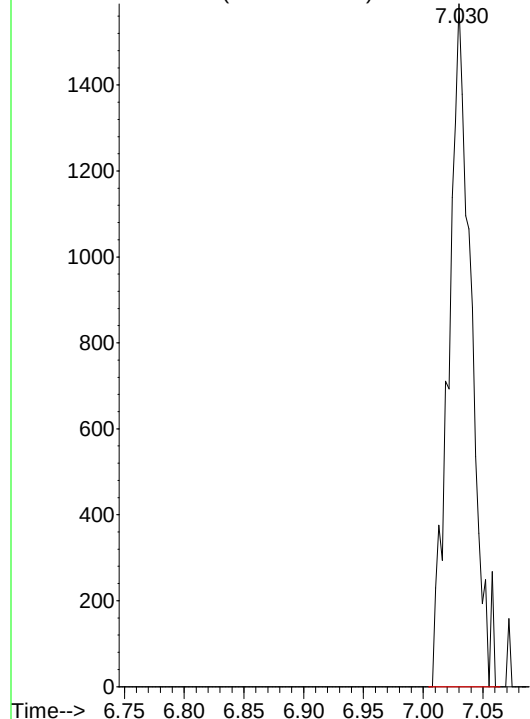
Manual Integration
METHYLCYCLOHEXANE

Abundance Ion 83.00 (82.70 to 83.70): C24V31128.D



Original Integration
1,1,2-TRICHLOROETHANE

Abundance Ion 97.00 (96.70 to 97.70): C24V31128.D



Original Int. Results

RT : 7.03
Area : 2069
Amount: 0.92685

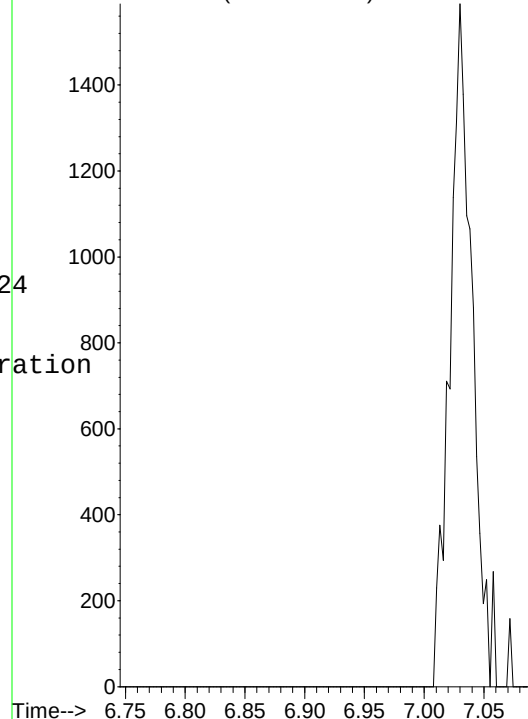
Manual Int. Results

Thu Nov 07 06:33:43 2024

MIuser: MFF
Reason: Incoret Integration
RT : 0.00
Area : 0
Amount: 0

Manual Integration
1,1,2-TRICHLOROETHANE

Abundance Ion 97.00 (96.70 to 97.70): C24V31128.D

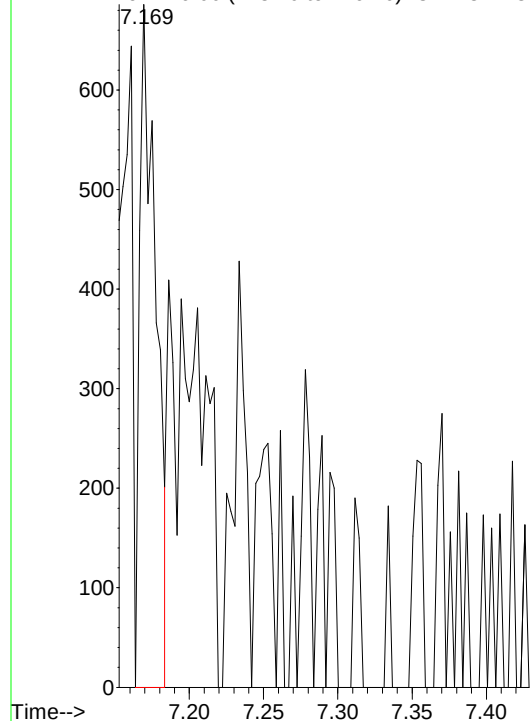


Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31128.D
Acq On : 6 Nov 2024 9:33 pm
Operator :
Sample : 24J4347-05
Misc :

Quant Time : Thu Nov 07 06:33:54 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
DIBROMOCHLOROMETHANE

Abundance on 129.00 (128.70 to 129.70): C24V31128.I



Original Int. Results

RT : 7.17
Area : 520
Amount: 0.193691

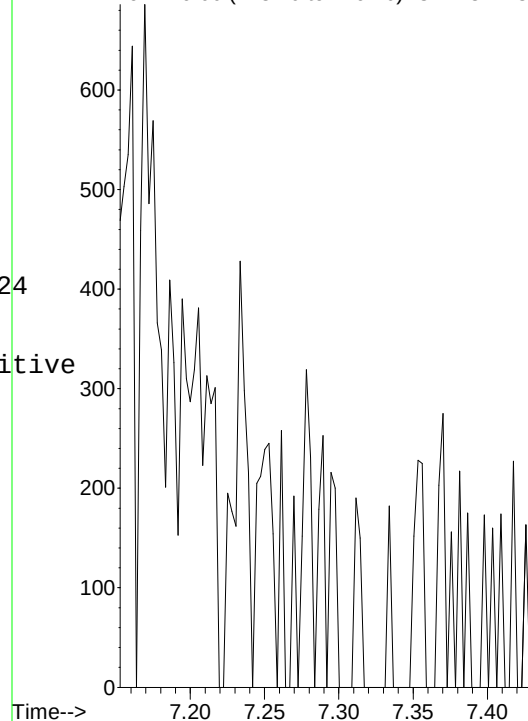
Manual Int. Results

Thu Nov 07 06:33:52 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
DIBROMOCHLOROMETHANE

Abundance on 129.00 (128.70 to 129.70): C24V31128.I



1 - FORM I

ANALYSIS DATA SHEET

MW-6R

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-06
		File ID:	C24V31114.D
Sampled:	10/30/24 14:17	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 15:18
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	37	2.0	50	J
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide		1.5	5.0	
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	53	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.37	0.16	1.0	J

1 - FORM I

ANALYSIS DATA SHEET

MW-6R

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-06
		File ID:	C24V31114.D
Sampled:	10/30/24 14:17	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 15:18
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene		0.14	1.0	
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.50	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene		0.25	2.0	V-05
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene	30	0.17	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene	35	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride	18	0.19	2.0	

1 - FORM I

ANALYSIS DATA SHEET

MW-6R

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Ren Project: Former RKO Drycleaners - CO 151681
Matrix: Ground Water Laboratory ID: 24J4347-06 File ID: C24V31114.D
Sampled: 10/30/24 14:17 Prepared: 11/05/24 13:26 Analyzed: 11/06/24 15:18
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B391460 Sequence: S113476 Calibration: 2200537 Instrument: GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene		0.25	2.0	
95-47-6	o-Xylene		0.16	1.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31114.D
 Acq On : 6 Nov 2024 3:18 pm
 Operator :
 Sample : 24J4347-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 07 06:02:26 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.291	168	206141	30.00	UG/L	0.00
49) 1,4-DIFLUOROBENZENE - ...	5.011	114	296837	30.00	UG/L	0.00
72) CHLOROBENZENE-D5 ISTD	7.841	82	125410	30.00	UG/L	0.00
91) 1,4-DICHLOROBENZENE-D4...	10.139	152	105784	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.562	65	98225	25.39	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	101.56%	
50) TOLUENE SS	6.444	98	255548	21.74	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	86.96%	
73) 4-BROMOFLUOROBENZENE SS	8.999	95	77607	20.87	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	83.48%	
Target Compounds						
6) VINYL CHLORIDE	1.313	62	64013	17.84	UG/L	Qvalue 99
14) ACETONE	2.144	43	46207	36.93	UG/L	97
25) METHYL TERT-BUTYL ETHE...	2.749	73	4827	0.50	UG/L	# 76
26) TRANS 1,2-DICHLOROETHENE	2.727	61	1550	0.37	UG/L	# 89
33) CIS-1,2-DICHLOROETHENE	3.739	61	250924	53.20	UG/L	96
52) TRICHLOROETHENE	5.253	95	96103	35.08	UG/L	97
68) TETRACHLOROETHENE	7.035	166	84666	30.47	UG/L	99

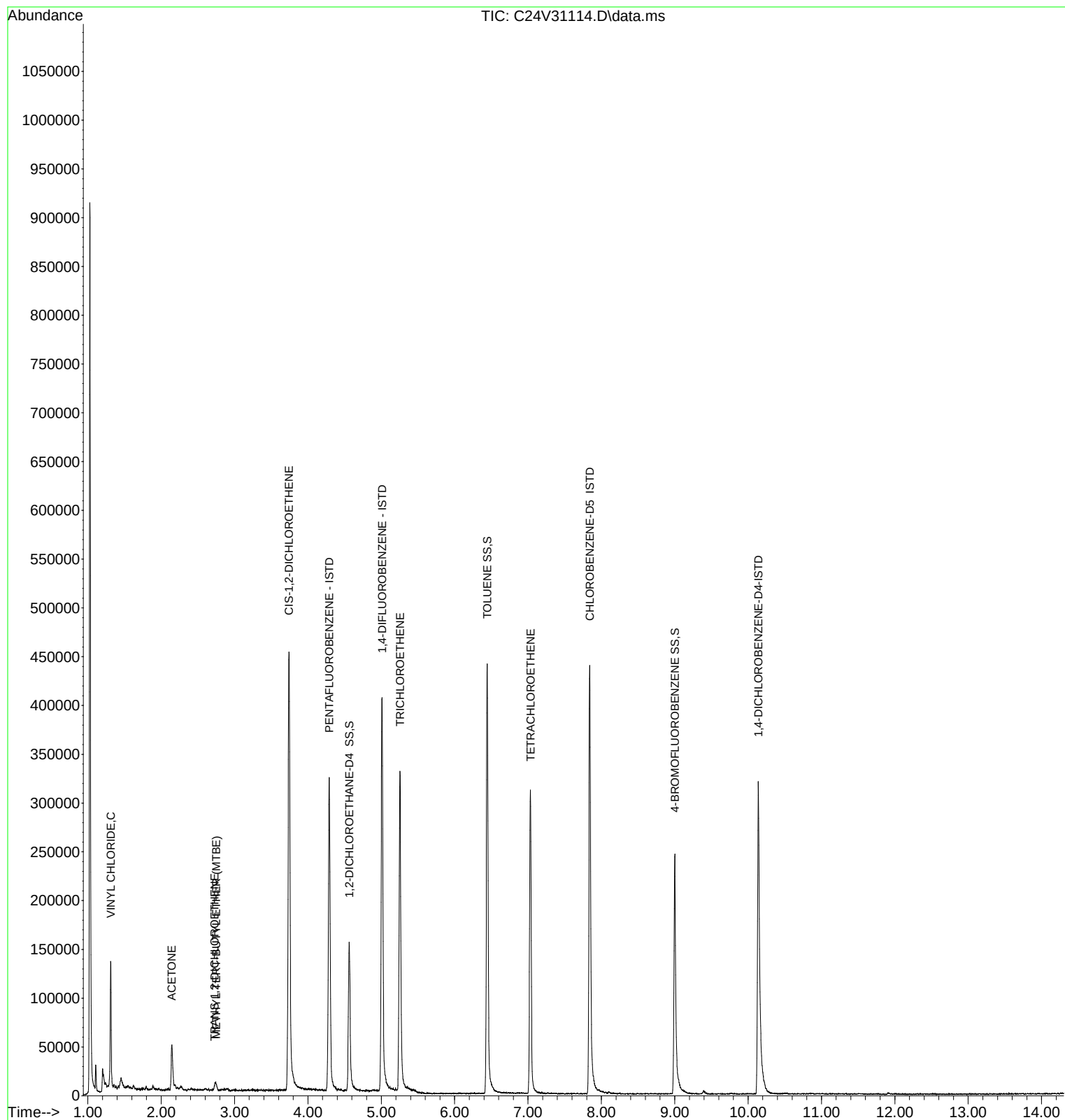
(#) = qualifier out of range (m) = manual integration (+) = signals summed

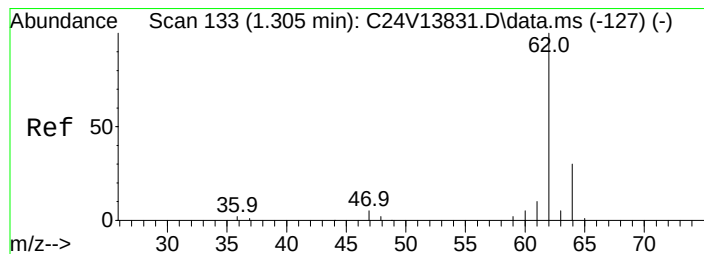
Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31114.D
Acq On : 6 Nov 2024 3:18 pm
Operator :
Sample : 24J4347-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

111

Inst : GCMSVOA3

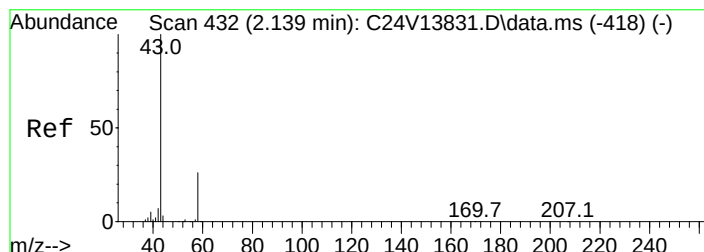
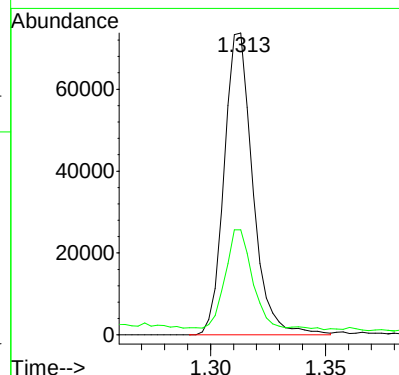
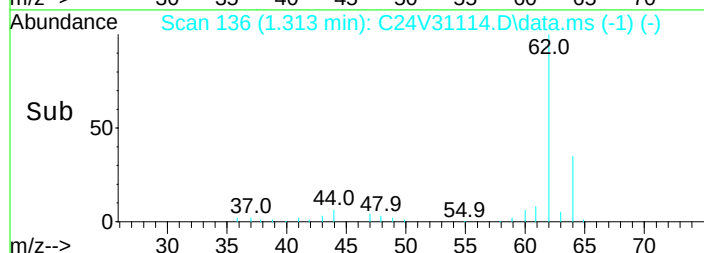
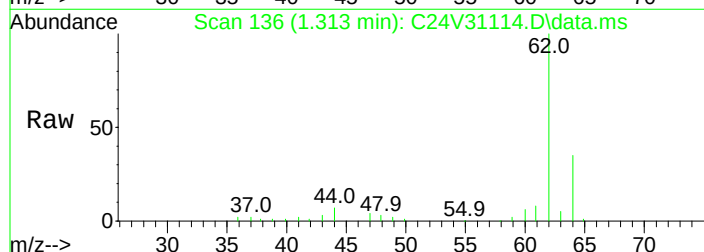
Quant Time: Nov 07 06:02:26 2024
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Jan 10 12:13:53 2024
Response via : Initial Calibration





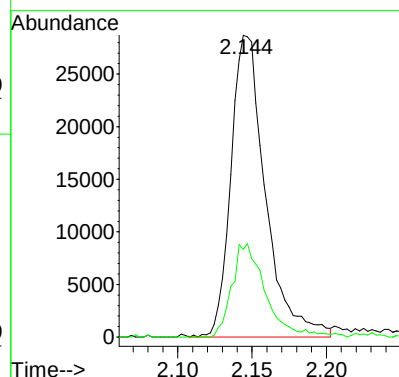
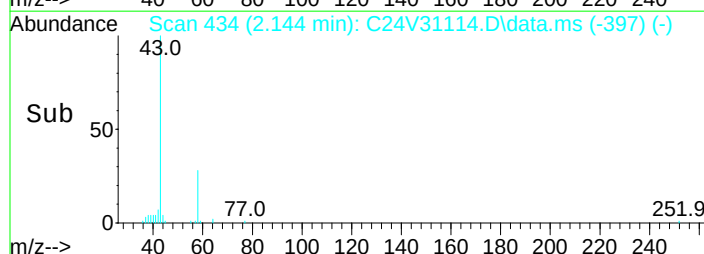
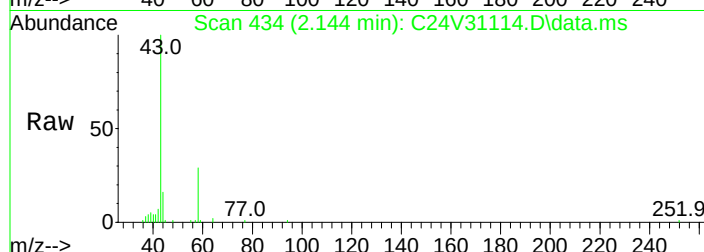
#6
VINYL CHLORIDE
Concen: 17.84 UG/L
RT: 1.313 min Scan# 136
Delta R.T. 0.008 min
Lab File: C24V31114.D
Acq: 6 Nov 2024 3:18 pm

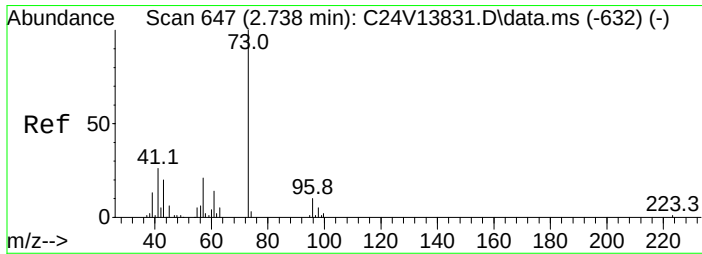
Tgt Ion: 62 Resp: 64013
Ion Ratio Lower Upper
62 100
64 30.4 24.6 36.8



#14
ACETONE
Concen: 36.93 UG/L
RT: 2.144 min Scan# 434
Delta R.T. 0.008 min
Lab File: C24V31114.D
Acq: 6 Nov 2024 3:18 pm

Tgt Ion: 43 Resp: 46207
Ion Ratio Lower Upper
43 100
58 29.0 22.1 33.1

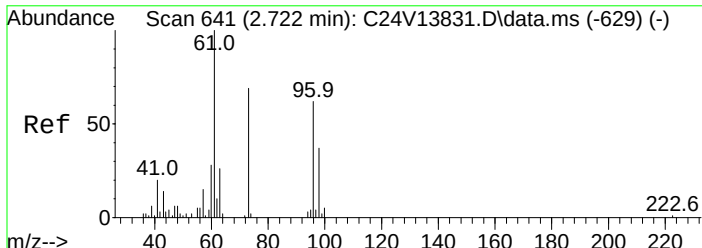
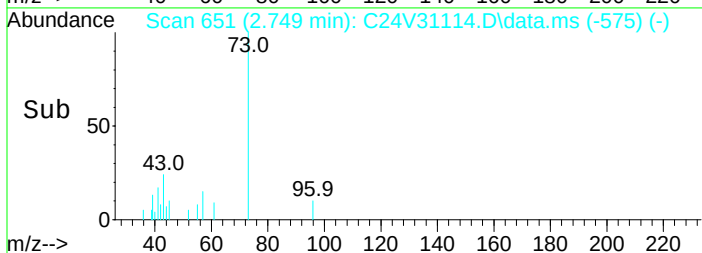
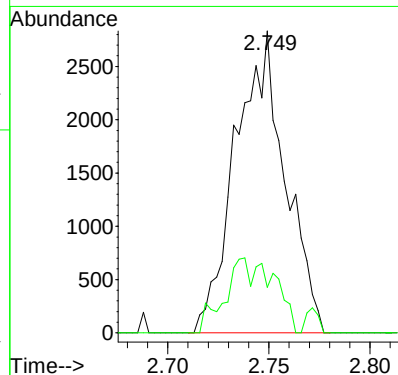
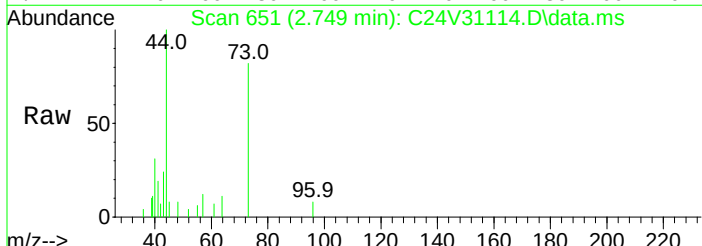




#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.50 UG/L
RT: 2.749 min Scan# 651
Delta R.T. 0.011 min
Lab File: C24V31114.D
Acq: 6 Nov 2024 3:18 pm

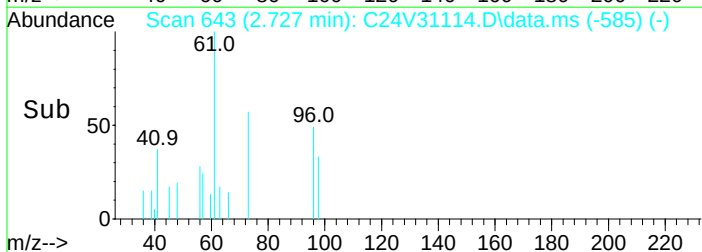
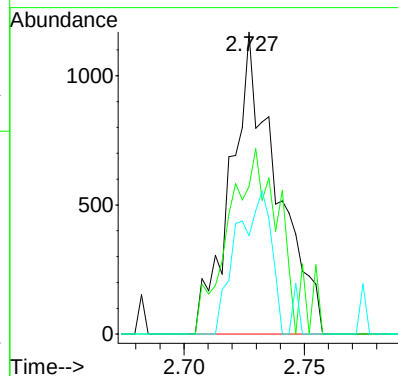
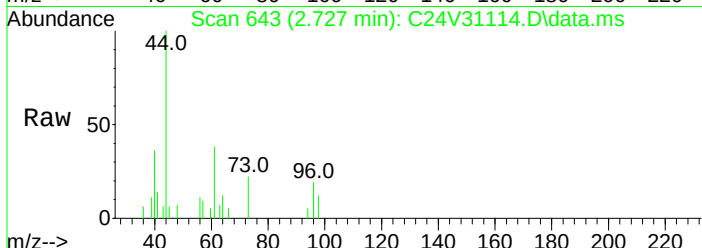
113

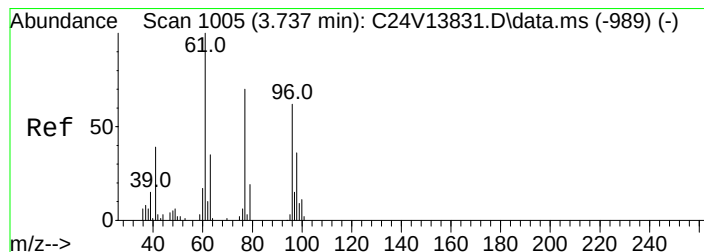
Tgt Ion: 73 Resp: 4827
Ion Ratio Lower Upper
73 100
57 12.8 19.8 29.8#



#26
TRANS 1,2-DICHLOROETHENE
Concen: 0.37 UG/L
RT: 2.727 min Scan# 643
Delta R.T. 0.006 min
Lab File: C24V31114.D
Acq: 6 Nov 2024 3:18 pm

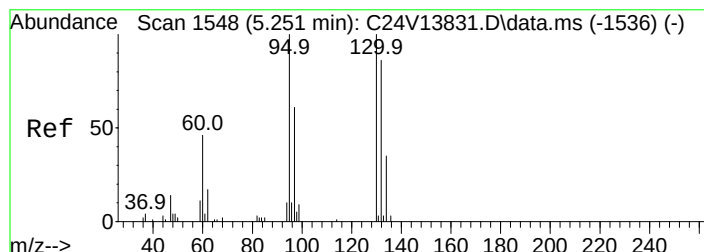
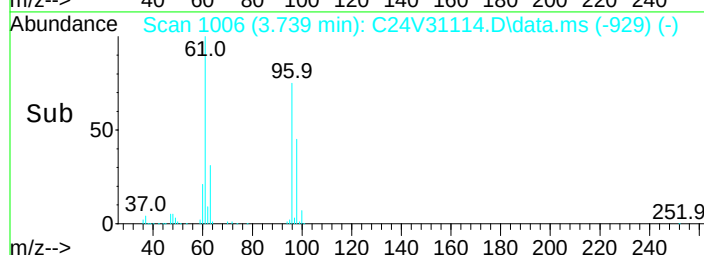
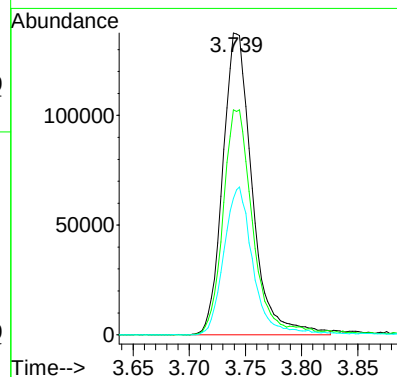
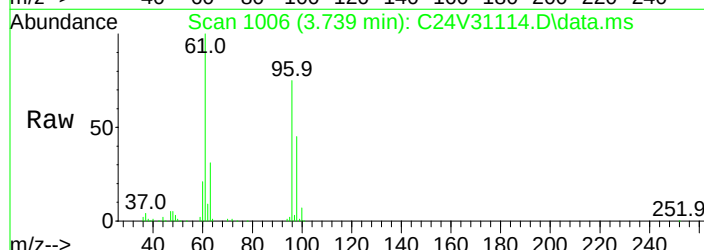
Tgt Ion: 61 Resp: 1550
Ion Ratio Lower Upper
61 100
96 64.9 57.4 86.2
98 36.1 36.2 54.4#





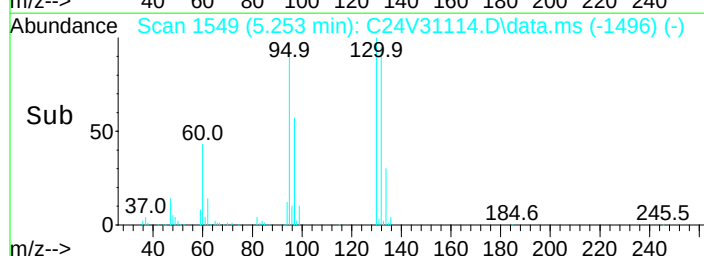
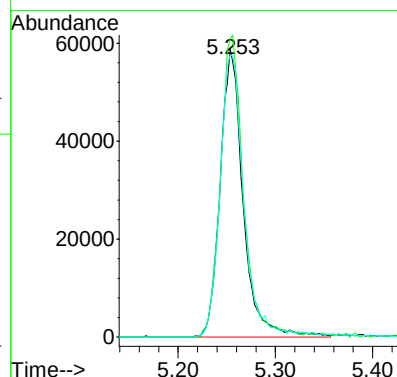
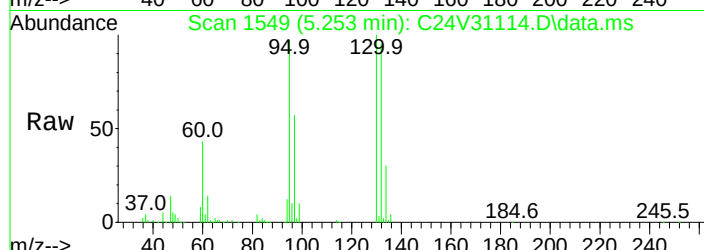
#33
CIS-1,2-DICHLOROETHENE
Concen: 53.20 UG/L
RT: 3.739 min Scan# 1006
Delta R.T. 0.000 min
Lab File: C24V31114.D
Acq: 6 Nov 2024 3:18 pm

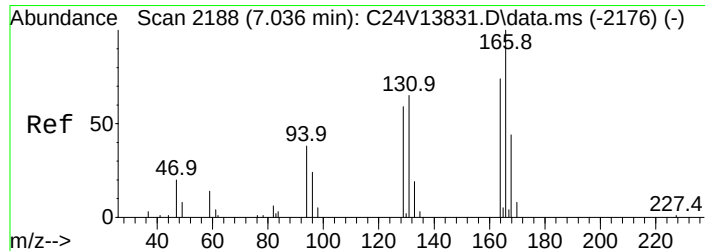
Tgt Ion:	61	Resp:	250924
Ion Ratio	Lower	Upper	
61	100		
96	75.1	58.1	87.1
98	48.2	36.1	54.1



#52
TRICHLOROETHENE
Concen: 35.08 UG/L
RT: 5.253 min Scan# 1549
Delta R.T. -0.003 min
Lab File: C24V31114.D
Acq: 6 Nov 2024 3:18 pm

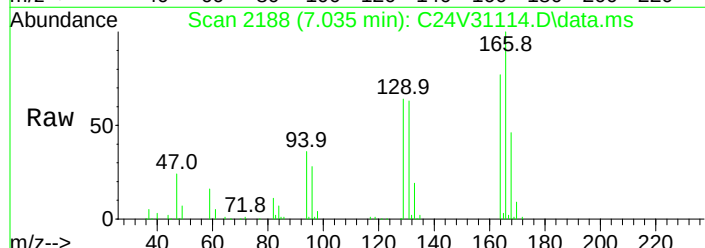
Tgt Ion:	95	Resp:	96103
Ion Ratio	Lower	Upper	
95	100		
130	105.8	85.7	128.5
132	100.7	84.7	127.1



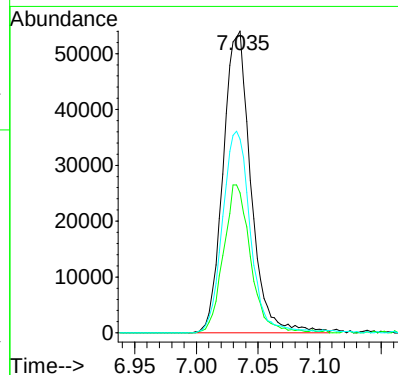
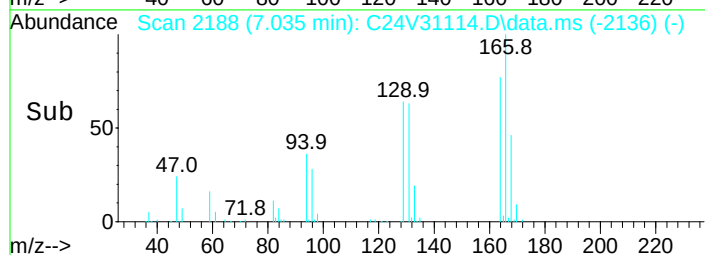


#68
 TETRACHLOROETHENE
 Concen: 30.47 UG/L
 RT: 7.035 min Scan# 2188
 Delta R.T. -0.000 min
 Lab File: C24V31114.D
 Acq: 6 Nov 2024 3:18 pm

115



Tgt Ion:	166	Resp:	84666
Ion Ratio	Lower	Upper	
166	100		
168	47.9	37.6	56.4
129	66.8	53.4	80.2

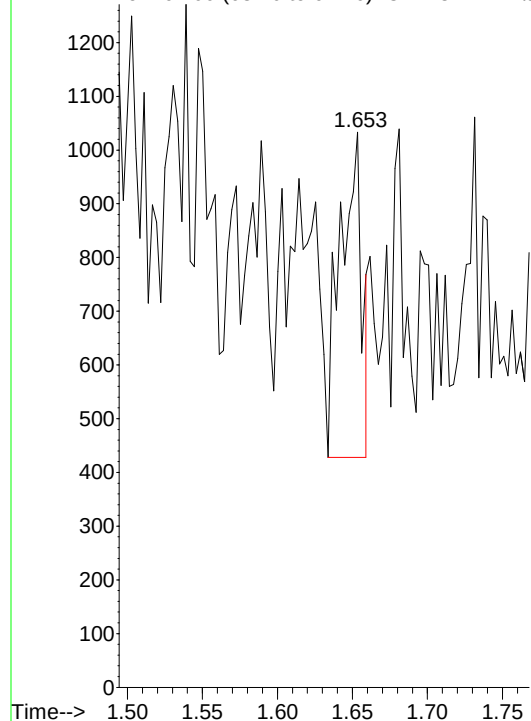


Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31114.D
Acq On : 6 Nov 2024 3:18 pm
Operator :
Sample : 24J4347-06
Misc :

Quant Time : Thu Nov 07 06:02:26 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CHLOROETHANE

Abundance Ion 64.00 (63.70 to 64.70): C24V31114.D



Original Int. Results

RT : 1.65
Area : 598
Amount: 0.241663

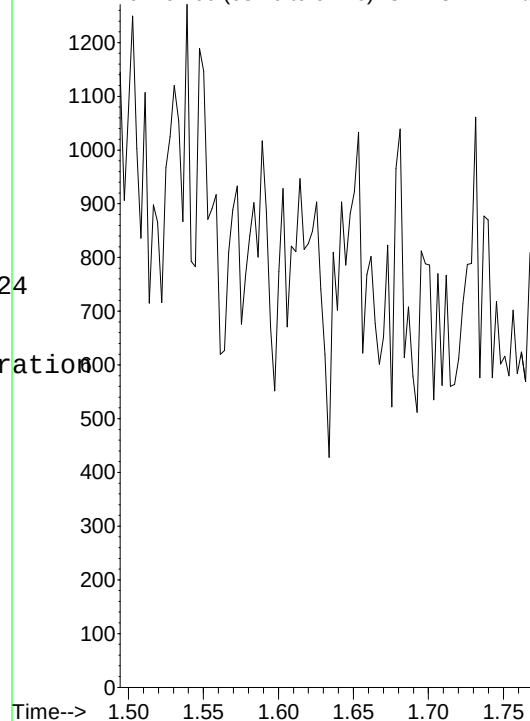
Manual Int. Results

Thu Nov 07 06:01:28 2024

MIuser: MFF
Reason: Incorret Integration
RT : 0.00
Area : 0
Amount: 0

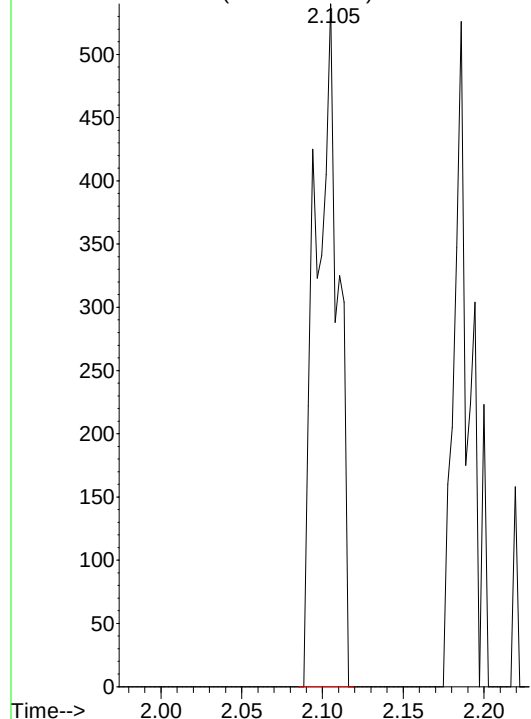
Manual Integration
CHLOROETHANE

Abundance Ion 64.00 (63.70 to 64.70): C24V31114.D



Original Integration
1,1-DICHLOROETHENE

Abundance Ion 61.00 (60.70 to 61.70): C24V31114.D



Original Int. Results

RT : 2.11
Area : 531
Amount: 0.11883

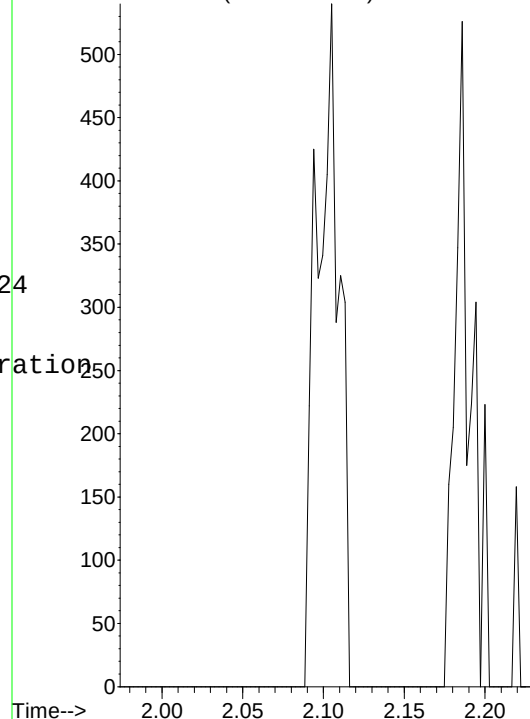
Manual Int. Results

Thu Nov 07 06:01:36 2024

MIuser: MFF
Reason: Incorret Integration
RT : 0.00
Area : 0
Amount: 0

Manual Integration
1,1-DICHLOROETHENE

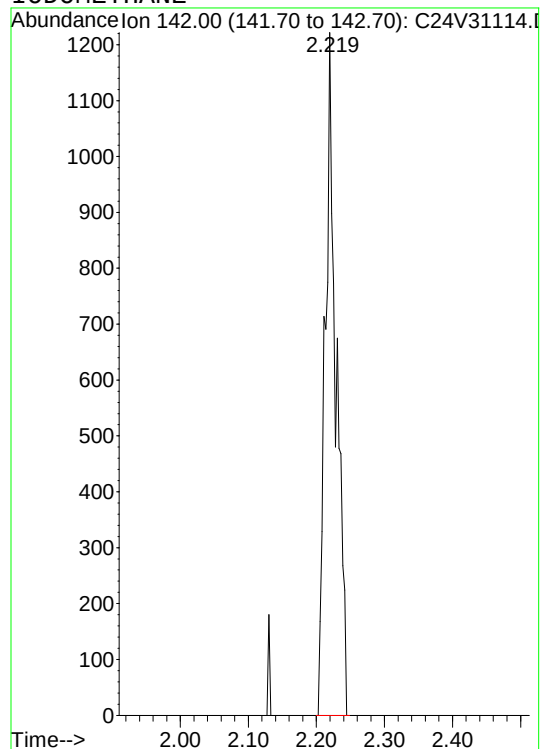
Abundance Ion 61.00 (60.70 to 61.70): C24V31114.D



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31114.D
Acq On : 6 Nov 2024 3:18 pm
Operator :
Sample : 24J4347-06
Misc :

Quant Time : Thu Nov 07 06:02:26 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
IODOMETHANE



Original Int. Results

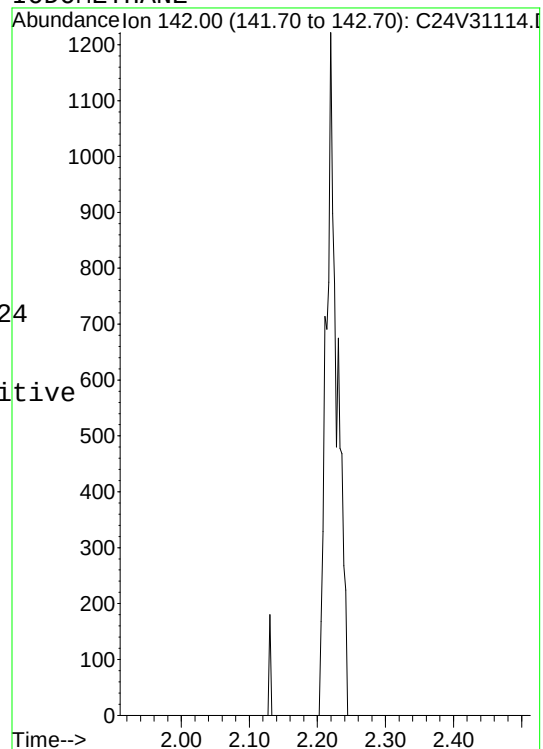
RT : 2.22
Area : 1366
Amount: 0.366778

Manual Int. Results

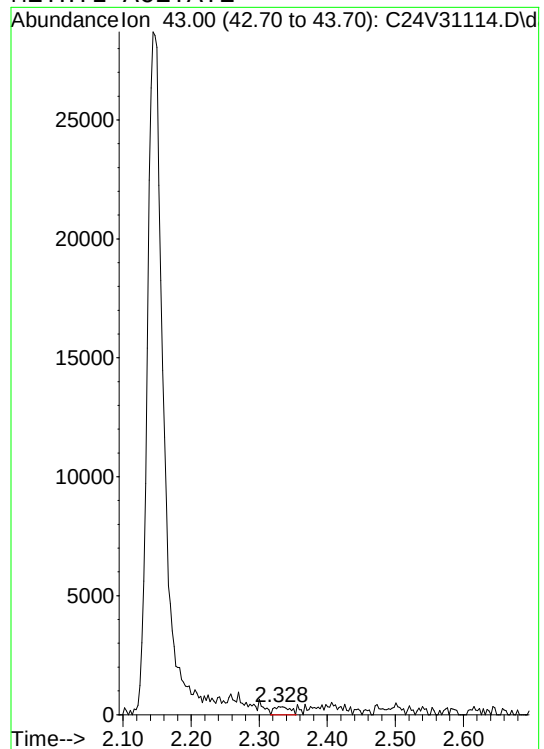
Thu Nov 07 06:01:39 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
IODOMETHANE



Original Integration
METHYL ACETATE



Original Int. Results

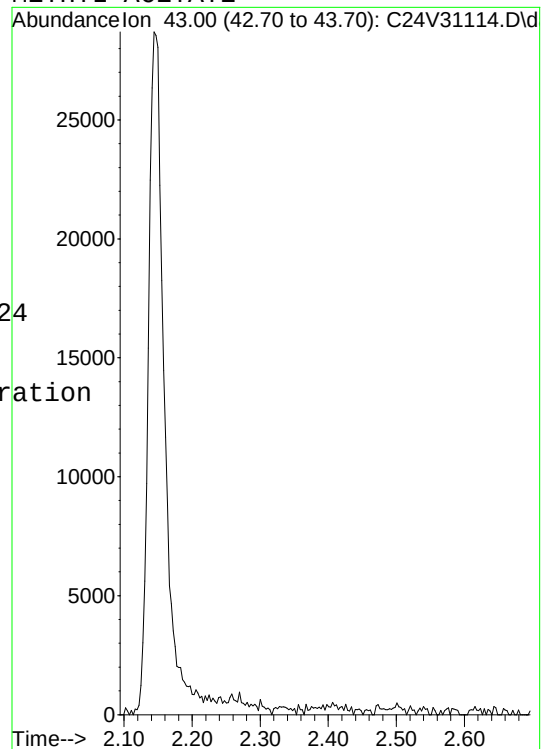
RT : 2.33
Area : 552
Amount: 0.113327

Manual Int. Results

Thu Nov 07 06:01:43 2024

MIuser: MFF
Reason: Incoret Integration
RT : 0.00
Area : 0
Amount: 0

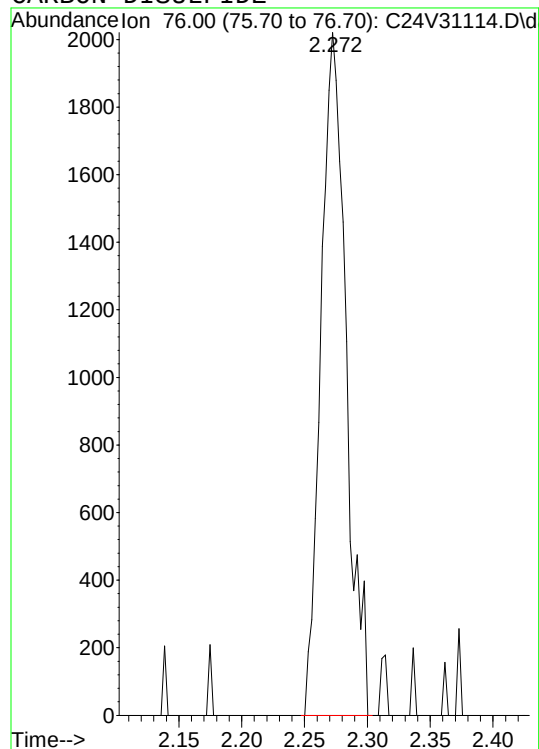
Manual Integration
METHYL ACETATE



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31114.D
Acq On : 6 Nov 2024 3:18 pm
Operator :
Sample : 24J4347-06
Misc :

Quant Time : Thu Nov 07 06:02:26 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CARBON DISULFIDE



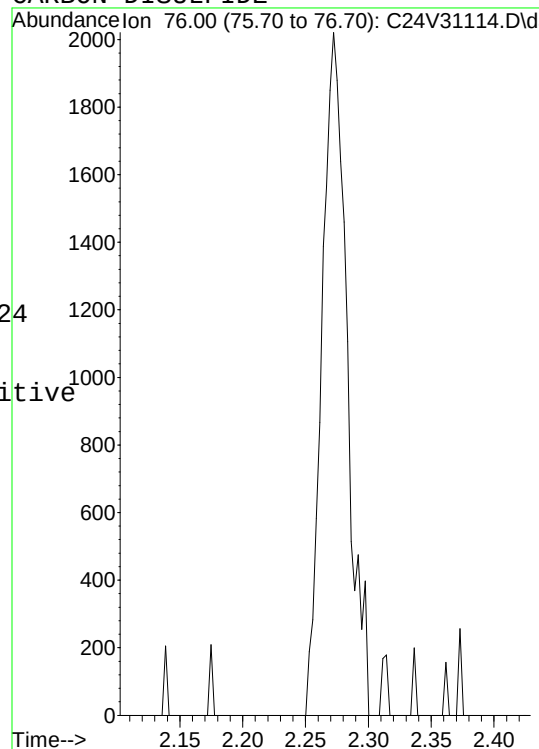
Original Int. Results

RT : 2.27
Area : 2817
Amount: 0.327843

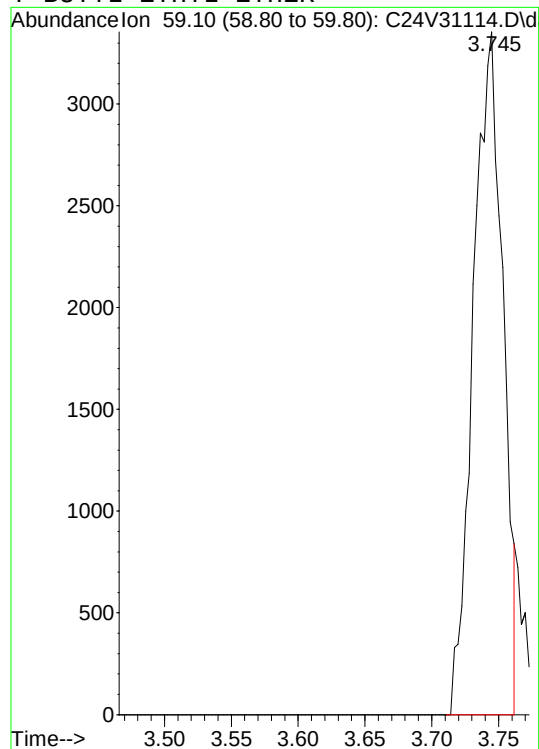
Manual Int. Results

Thu Nov 07 06:01:54 2024
MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CARBON DISULFIDE



Original Integration
T-BUTYL ETHYL ETHER



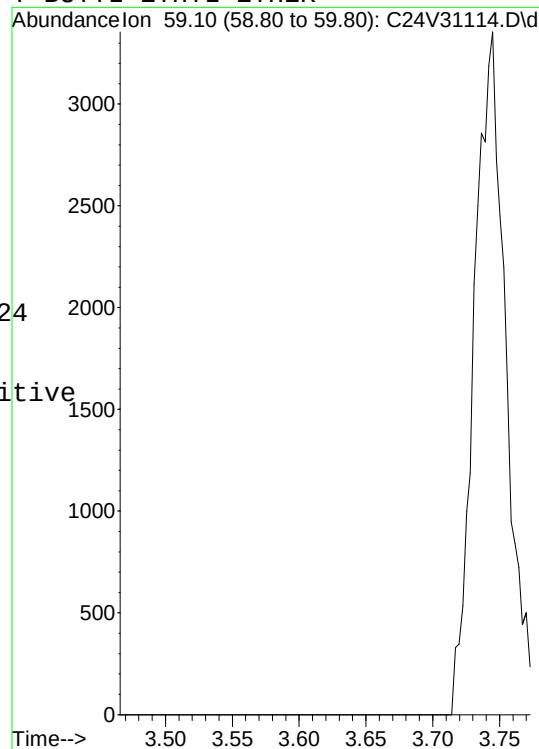
Original Int. Results

RT : 3.74
Area : 5183
Amount: 0.545257

Manual Int. Results

Thu Nov 07 06:02:05 2024
MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

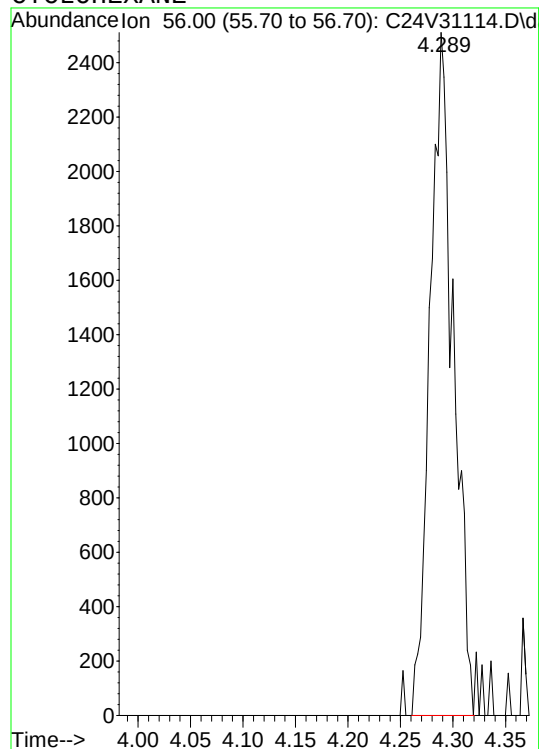
Manual Integration
T-BUTYL ETHYL ETHER



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31114.D
Acq On : 6 Nov 2024 3:18 pm
Operator :
Sample : 24J4347-06
Misc :

Quant Time : Thu Nov 07 06:02:26 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CYCLOHEXANE



Original Int. Results

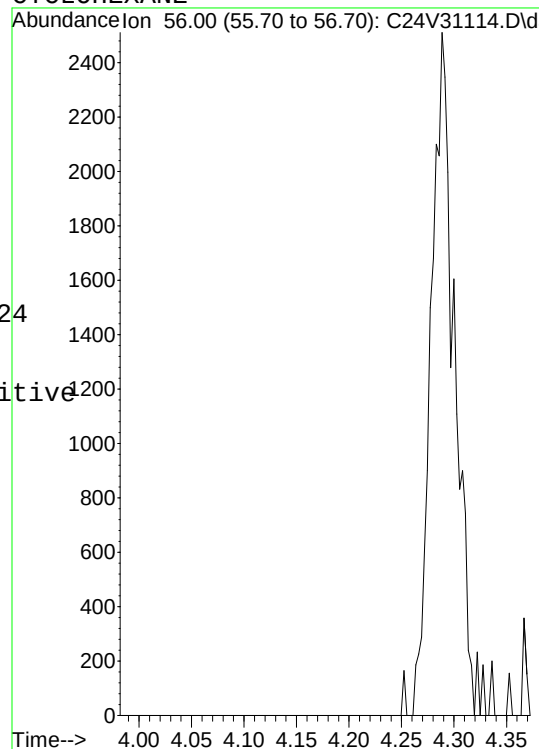
RT : 4.29
Area : 3896
Amount: 0.80082

Manual Int. Results

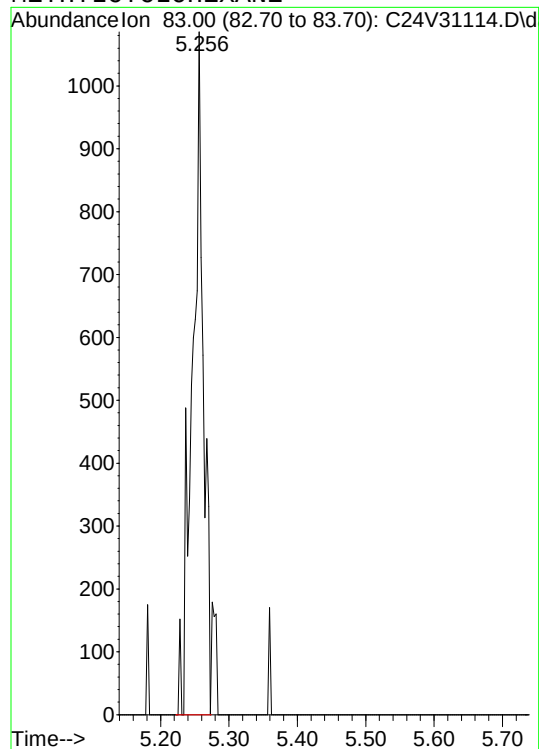
Thu Nov 07 06:02:17 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



Original Integration
METHYLCYCLOHEXANE



Original Int. Results

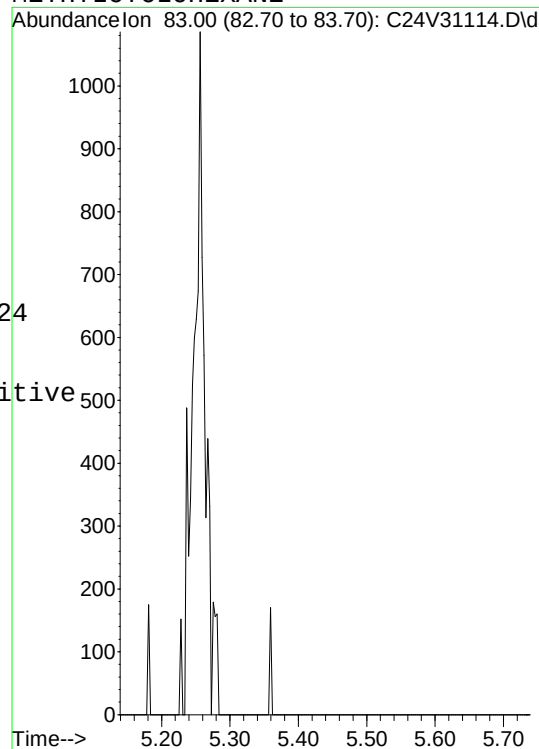
RT : 5.26
Area : 1193
Amount: 0.364465

Manual Int. Results

Thu Nov 07 06:02:25 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
METHYLCYCLOHEXANE



1 - FORM I

ANALYSIS DATA SHEET

MW-8

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-07
		File ID:	C24V31115.D
Sampled:	10/30/24 10:27	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 15:45
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide		1.5	5.0	
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.16	1.0	

1 - FORM I

ANALYSIS DATA SHEET

MW-8

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-07
		File ID:	C24V31115.D
Sampled:	10/30/24 10:27	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 15:45
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene		0.14	1.0	
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene		0.25	2.0	V-05
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene	0.17	0.17	1.0	J
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride		0.19	2.0	

1 - FORM I

ANALYSIS DATA SHEET

MW-8

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Ren Project: Former RKO Drycleaners - CO 151681
Matrix: Ground Water Laboratory ID: 24J4347-07 File ID: C24V31115.D
Sampled: 10/30/24 10:27 Prepared: 11/05/24 13:26 Analyzed: 11/06/24 15:45
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B391460 Sequence: S113476 Calibration: 2200537 Instrument: GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene		0.25	2.0	
95-47-6	o-Xylene		0.16	1.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31115.D
 Acq On : 6 Nov 2024 3:45 pm
 Operator :
 Sample : 24J4347-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 07 06:06:16 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.292	168	209185	30.00	UG/L	0.00
49) 1,4-DIFLUOROBENZENE - ...	5.008	114	265981	30.00	UG/L	0.00
72) CHLOROBENZENE-D5 ISTD	7.839	82	122644	30.00	UG/L	0.00
91) 1,4-DICHLOROBENZENE-D4...	10.142	152	109875	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.565	65	97630	24.87	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.48%		
50) TOLUENE SS	6.442	98	250427	23.77	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.08%		
73) 4-BROMOFLUOROBENZENE SS	8.999	95	74668	20.53	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.12%		
Target Compounds						
52) TRICHLOROETHENE	5.262	95	413	0.17	UG/L	Qvalue # 1

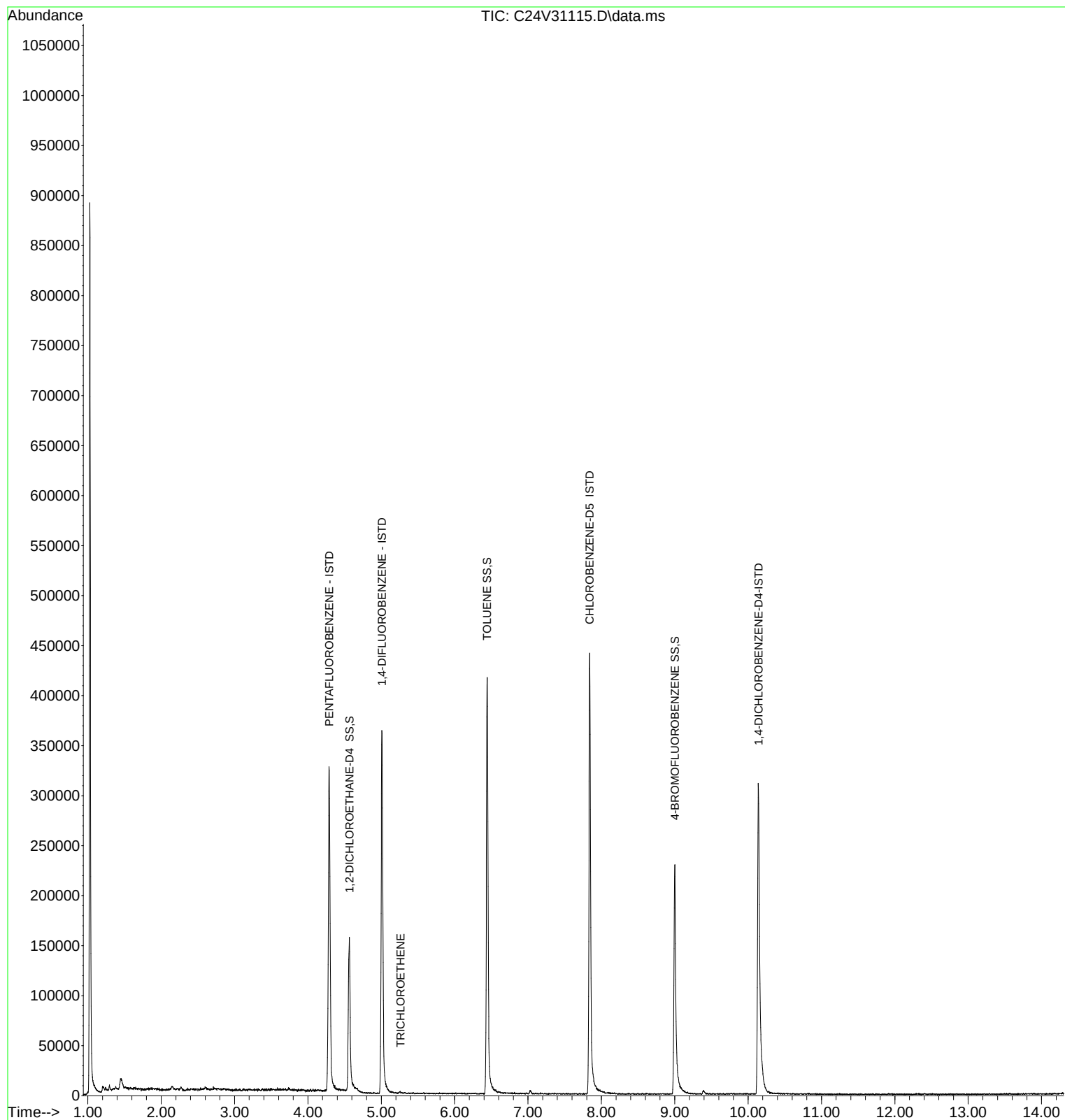
(#) = qualifier out of range (m) = manual integration (+) = signals summed

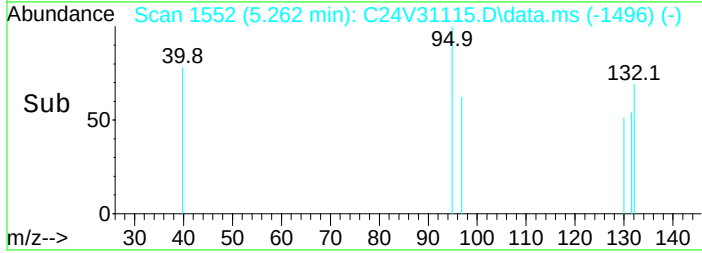
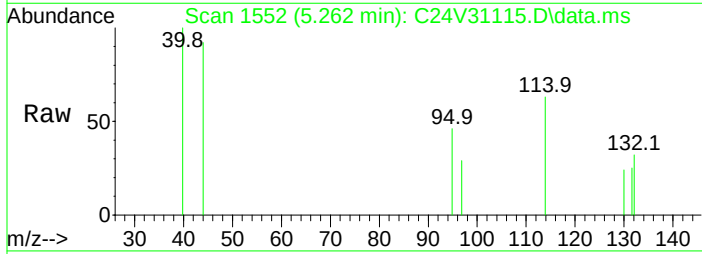
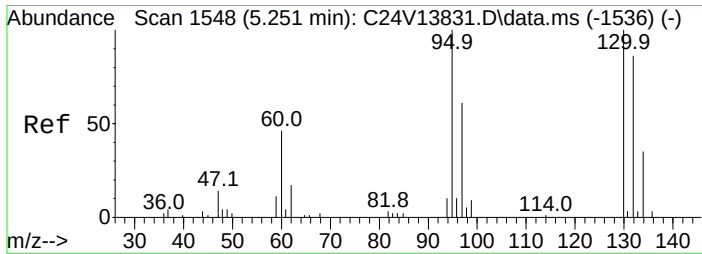
Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31115.D
Acq On : 6 Nov 2024 3:45 pm
Operator :
Sample : 24J4347-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

124

Inst : GCMSVOA3

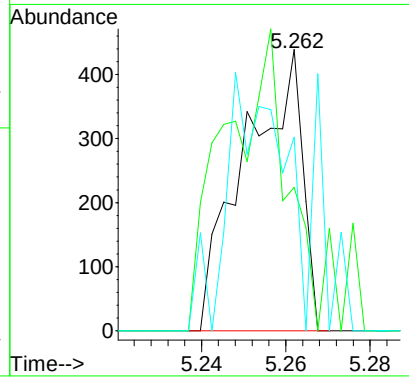
Quant Time: Nov 07 06:06:16 2024
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Jan 10 12:13:53 2024
Response via : Initial Calibration





#52
TRICHLOROETHENE
Concen: 0.17 UG/L
RT: 5.262 min Scan# 1552
Delta R.T. 0.006 min
Lab File: C24V31115.D
Acq: 6 Nov 2024 3:45 pm

Tgt Ion:	95	Resp:	413
Ion Ratio	Lower	Upper	
95	100		
130	0.0	85.7	128.5#
132	0.0	84.7	127.1#



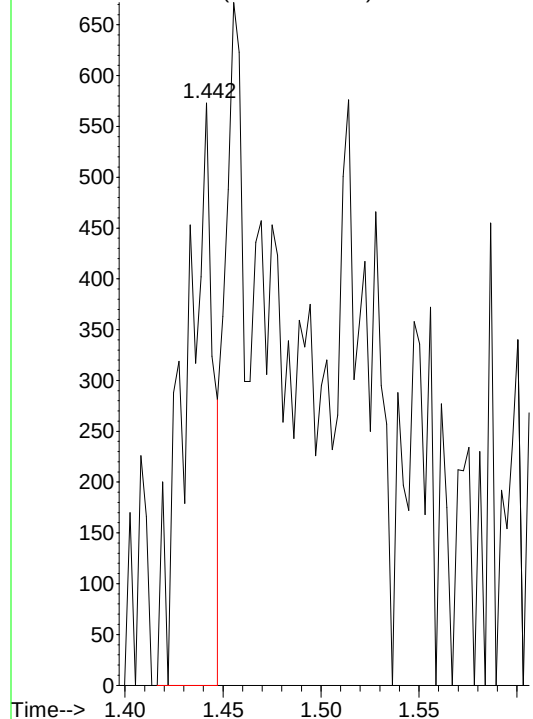
125

Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31115.D
Acq On : 6 Nov 2024 3:45 pm
Operator :
Sample : 24J4347-07
Misc :

Quant Time : Thu Nov 07 06:06:16 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
BROMOMETHANE

Abundance on 94.00 (93.70 to 94.70): C24V31115.D



Original Int. Results

RT : 1.44
Area : 558
Amount: 0.259855

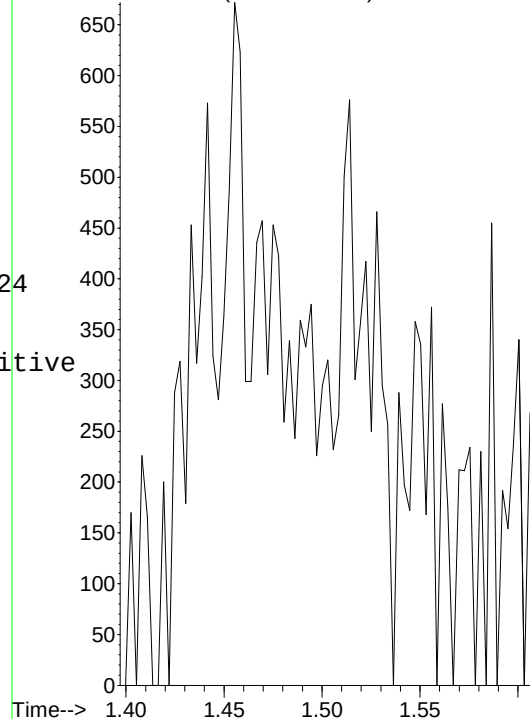
Manual Int. Results

Thu Nov 07 06:05:34 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

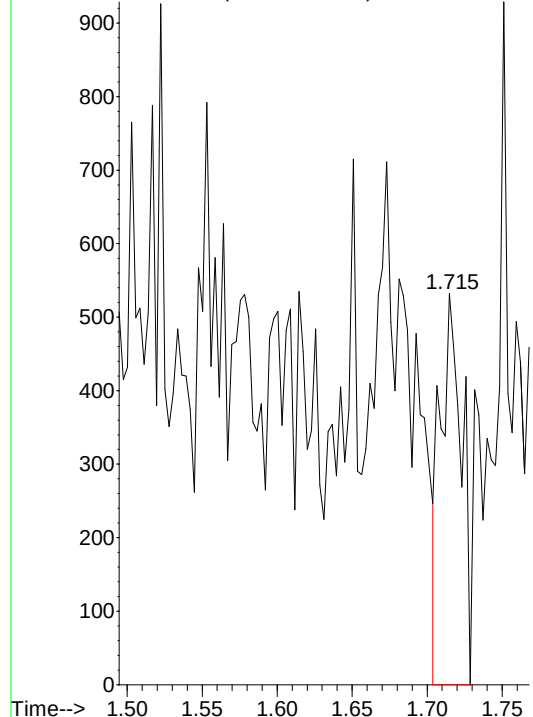
Manual Integration
BROMOMETHANE

Abundance on 94.00 (93.70 to 94.70): C24V31115.D



Original Integration
CHLOROETHANE

Abundance on 64.00 (63.70 to 64.70): C24V31115.D



Original Int. Results

RT : 1.71
Area : 528
Amount: 0.21027

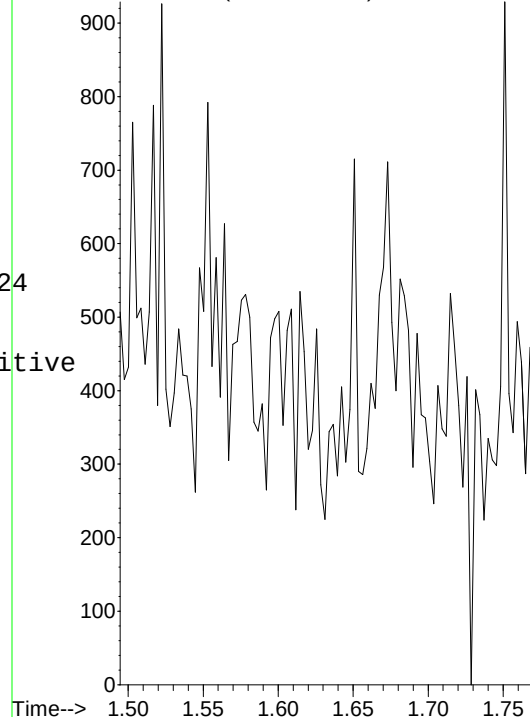
Manual Int. Results

Thu Nov 07 06:05:37 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CHLOROETHANE

Abundance on 64.00 (63.70 to 64.70): C24V31115.D



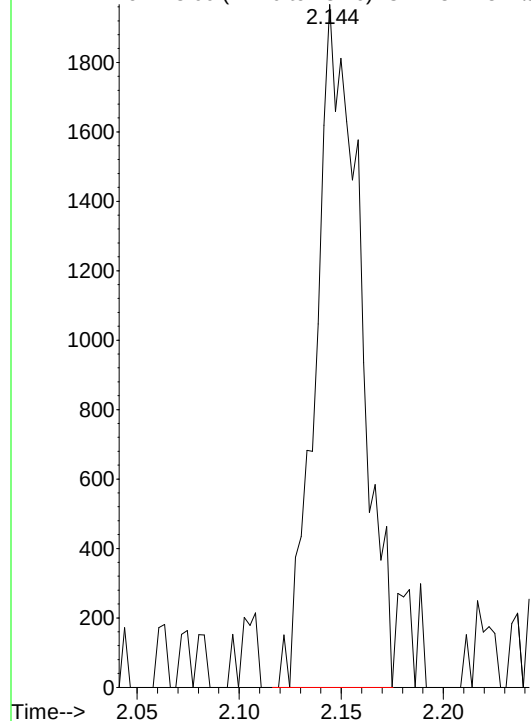
Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31115.D
Acq On : 6 Nov 2024 3:45 pm
Operator :
Sample : 24J4347-07
Misc :

Quant Time : Thu Nov 07 06:06:16 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration

ACETONE

AbundanceIon 43.00 (42.70 to 43.70): C24V31115.D



Original Int. Results

RT : 2.14
Area : 3003
Amount: 2.36513

Manual Int. Results

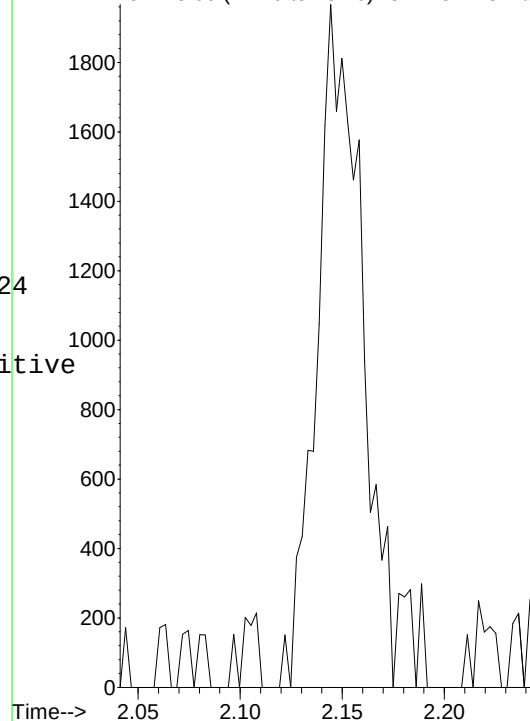
Thu Nov 07 06:05:44 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ACETONE

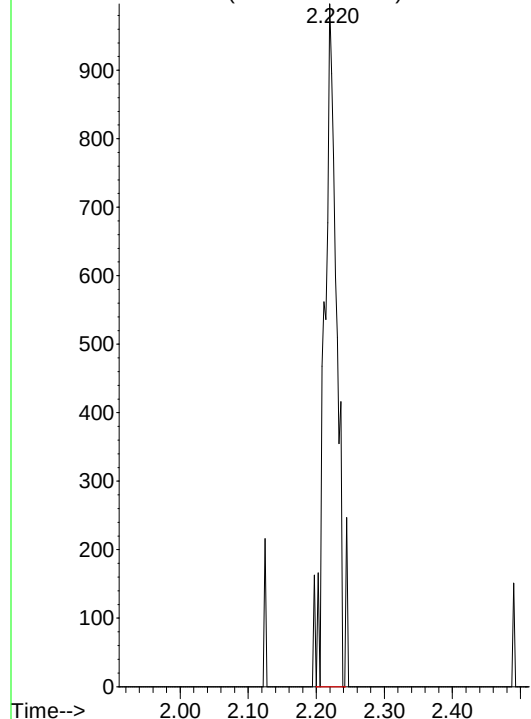
AbundanceIon 43.00 (42.70 to 43.70): C24V31115.D



Original Integration

IODOMETHANE

AbundanceIon 142.00 (141.70 to 142.70): C24V31115.D



Original Int. Results

RT : 2.22
Area : 1163
Amount: 0.307727

Manual Int. Results

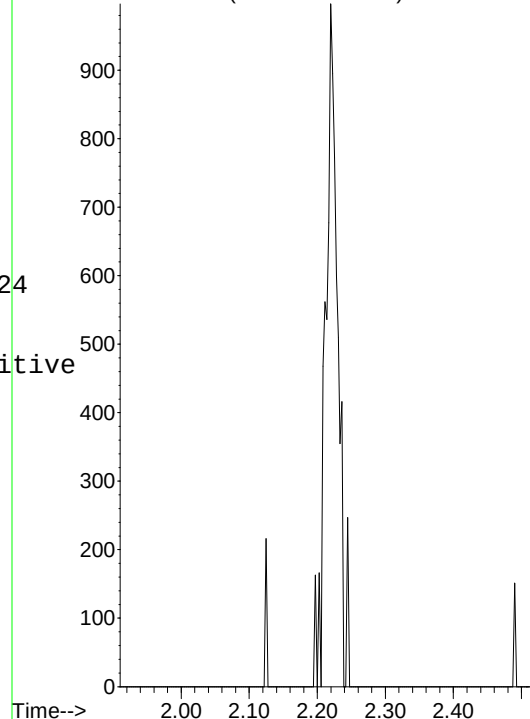
Thu Nov 07 06:05:49 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

IODOMETHANE

AbundanceIon 142.00 (141.70 to 142.70): C24V31115.D

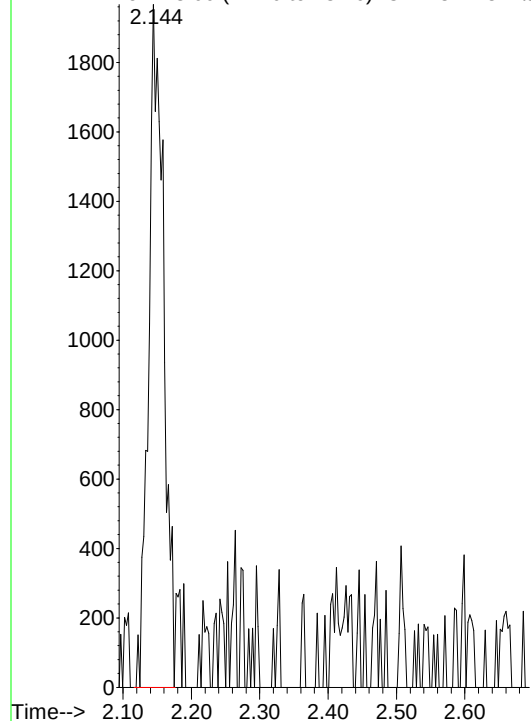


Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31115.D
Acq On : 6 Nov 2024 3:45 pm
Operator :
Sample : 24J4347-07
Misc :

Quant Time : Thu Nov 07 06:06:16 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
METHYL ACETATE

AbundanceIon 43.00 (42.70 to 43.70): C24V31115.D



Original Int. Results

RT : 2.14
Area : 3003
Amount: 0.607553

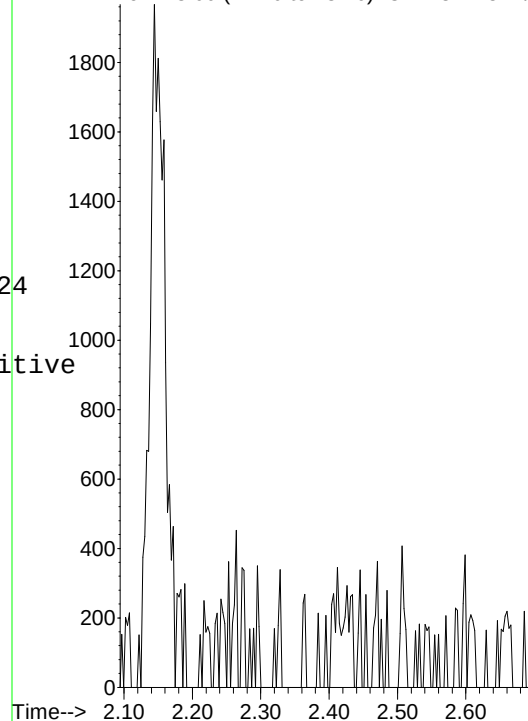
Manual Int. Results

Thu Nov 07 06:05:55 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

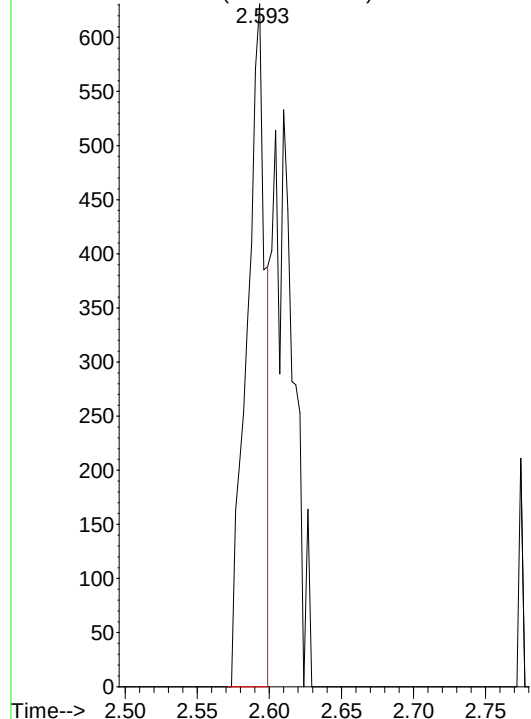
Manual Integration
METHYL ACETATE

AbundanceIon 43.00 (42.70 to 43.70): C24V31115.D



Original Integration
T-BUTYL ALCOHOL

AbundanceIon 59.10 (58.80 to 59.80): C24V31115.D



Original Int. Results

RT : 2.59
Area : 559
Amount: 1.11604

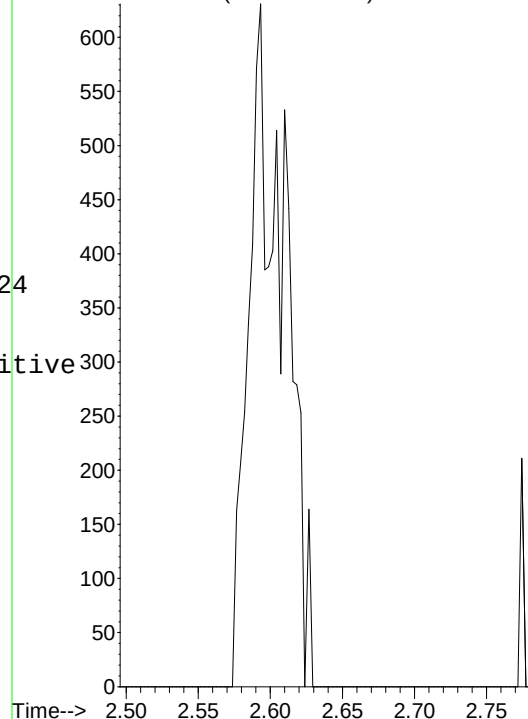
Manual Int. Results

Thu Nov 07 06:06:08 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-BUTYL ALCOHOL

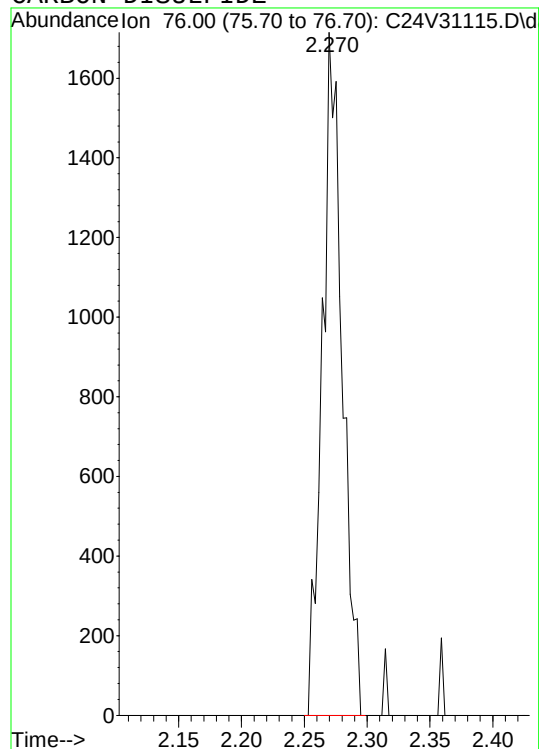
AbundanceIon 59.10 (58.80 to 59.80): C24V31115.D



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31115.D
Acq On : 6 Nov 2024 3:45 pm
Operator :
Sample : 24J4347-07
Misc :

Quant Time : Thu Nov 07 06:06:16 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CARBON DISULFIDE



Original Int. Results

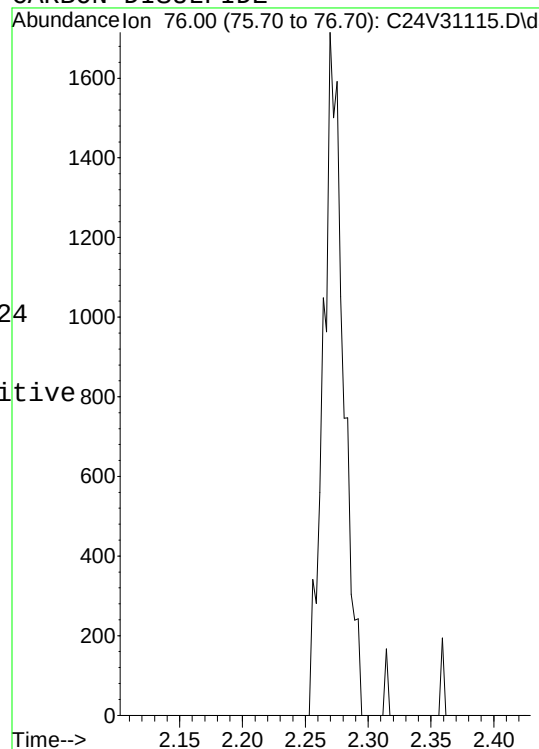
RT : 2.27
Area : 1896
Amount: 0.217446

Manual Int. Results

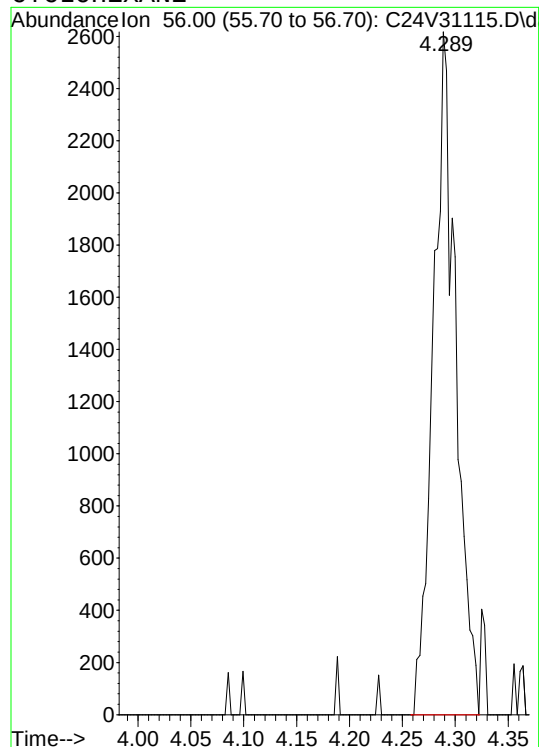
Thu Nov 07 06:06:12 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CARBON DISULFIDE



Original Integration
CYCLOHEXANE



Original Int. Results

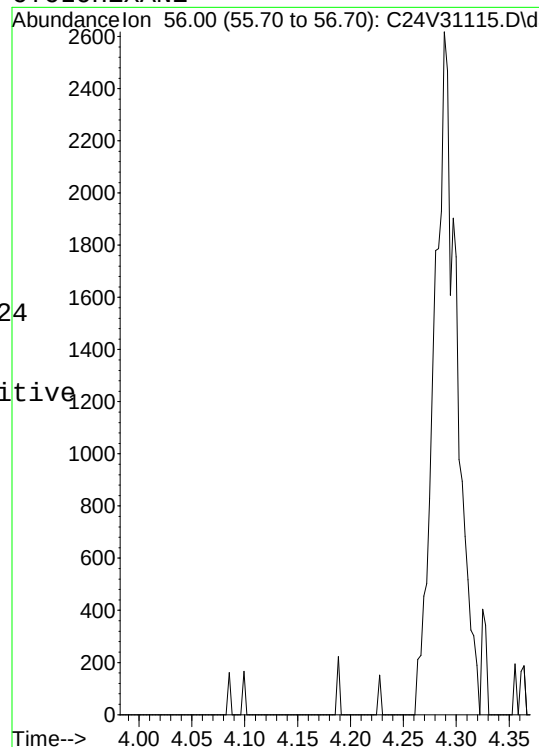
RT : 4.29
Area : 3889
Amount: 0.787749

Manual Int. Results

Thu Nov 07 06:06:16 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



1 - FORM I

ANALYSIS DATA SHEET

DUP

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-08
		File ID:	C24V31116.D
Sampled:	10/30/24 00:00	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 16:12
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	38	2.0	50	J
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide		1.5	5.0	
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	59	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.35	0.16	1.0	J

1 - FORM I

ANALYSIS DATA SHEET

DUP

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Ren	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Ground Water	Laboratory ID:	24J4347-08
		File ID:	C24V31116.D
Sampled:	10/30/24 00:00	Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 16:12
Solids:		Preparation:	SW-846 5030B
		Dilution:	1
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene		0.14	1.0	
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.55	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene		0.25	2.0	V-05
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene	34	0.17	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene	35	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride	19	0.19	2.0	

1 - FORM I

ANALYSIS DATA SHEET

DUP

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Ren Project: Former RKO Drycleaners - CO 151681
Matrix: Ground Water Laboratory ID: 24J4347-08 File ID: C24V31116.D
Sampled: 10/30/24 00:00 Prepared: 11/05/24 13:26 Analyzed: 11/06/24 16:12
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B391460 Sequence: S113476 Calibration: 2200537 Instrument: GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene		0.25	2.0	
95-47-6	o-Xylene		0.16	1.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31116.D
 Acq On : 6 Nov 2024 4:12 pm
 Operator :
 Sample : 24J4347-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 07 06:19:22 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.292	168	187359	30.00	UG/L	0.00
49) 1,4-DIFLUOROBENZENE - ...	5.011	114	263354	30.00	UG/L	0.00
72) CHLOROBENZENE-D5 ISTD	7.839	82	125355	30.00	UG/L	0.00
91) 1,4-DICHLOROBENZENE-D4...	10.142	152	105842	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.562	65	89443	25.44	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	101.76%	
50) TOLUENE SS	6.442	98	253063	24.26	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.04%	
73) 4-BROMOFLUOROBENZENE SS	8.999	95	76603	20.61	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	82.44%	
Target Compounds						
6) VINYL CHLORIDE	1.313	62	63384	19.44	UG/L	Qvalue 95
14) ACETONE	2.147	43	42976	37.79	UG/L	92
25) METHYL TERT-BUTYL ETHE...	2.744	73	4856	0.55	UG/L	# 84
26) TRANS 1,2-DICHLOROETHENE	2.738	61	1361m	0.35	UG/L	
33) CIS-1,2-DICHLOROETHENE	3.742	61	252617	58.93	UG/L	96
52) TRICHLOROETHENE	5.254	95	84204	34.65	UG/L	94
68) TETRACHLOROETHENE	7.033	166	82942	33.65	UG/L	99

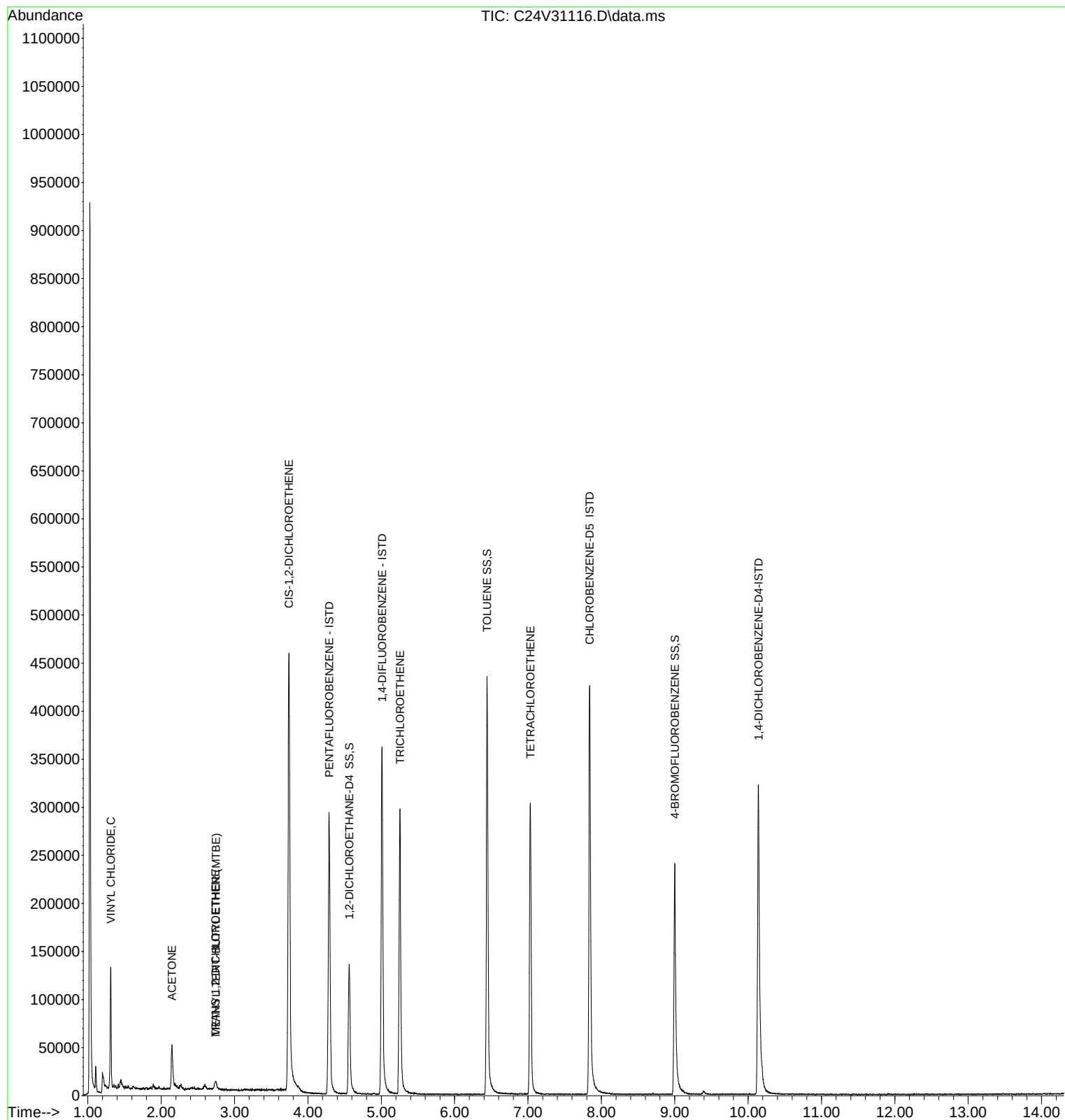
(#) = qualifier out of range (m) = manual integration (+) = signals summed

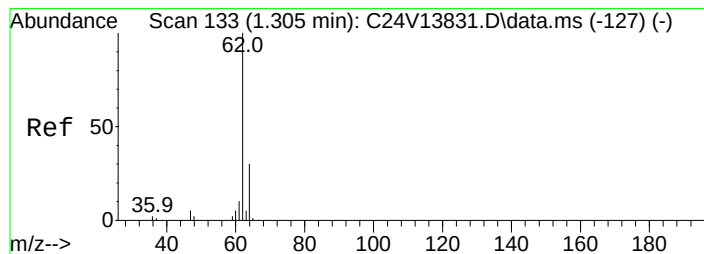
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Data File : C24V31116.D
Acq On : 6 Nov 2024 4:12 pm
Operator :
Sample : 24J4347-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

134

Inst : GCMSVOA3

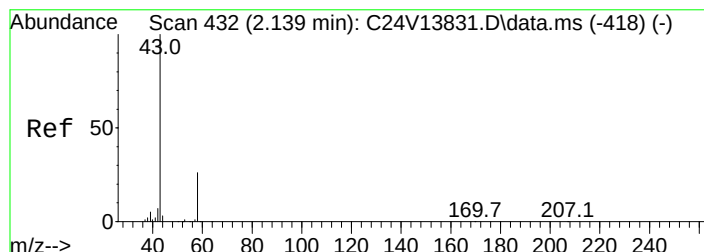
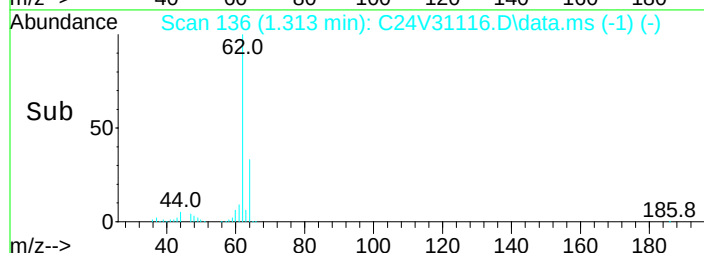
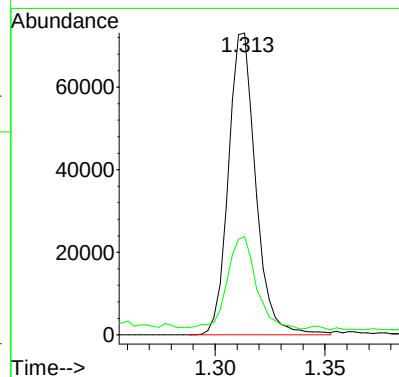
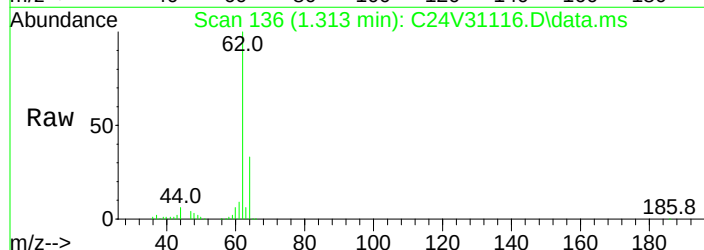
Quant Time: Nov 07 06:19:22 2024
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Jan 10 12:13:53 2024
Response via : Initial Calibration





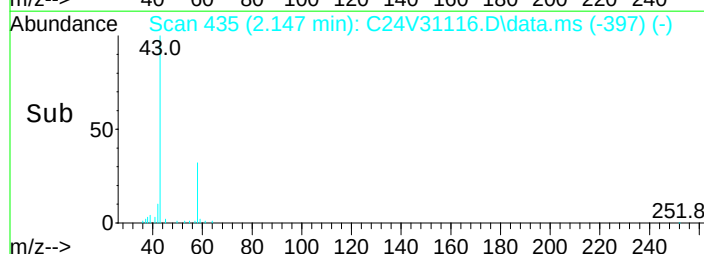
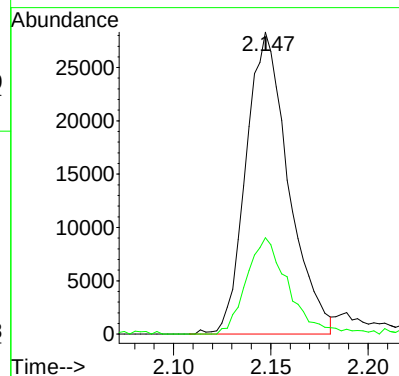
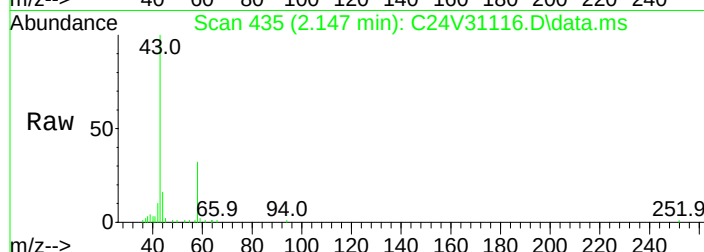
#6
VINYL CHLORIDE
Concen: 19.44 UG/L
RT: 1.313 min Scan# 136
Delta R.T. 0.008 min
Lab File: C24V31116.D
Acq: 6 Nov 2024 4:12 pm

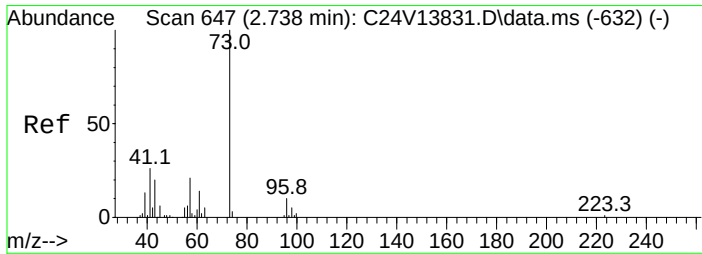
Tgt Ion	62	64	Resp	100	33.4	Lower	24.6	Upper	36.8
Ion Ratio	100	33.4							



#14
ACETONE
Concen: 37.79 UG/L
RT: 2.147 min Scan# 435
Delta R.T. 0.011 min
Lab File: C24V31116.D
Acq: 6 Nov 2024 4:12 pm

Tgt Ion	43	58	Resp	100	31.8	Lower	22.1	Upper	33.1
Ion Ratio	100	31.8							

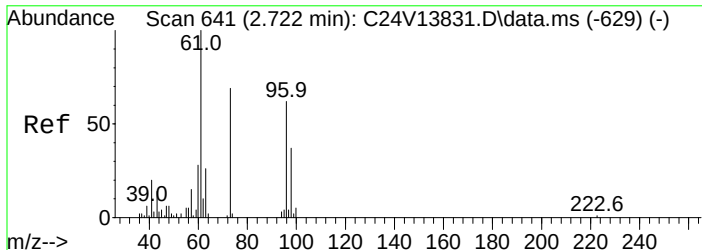
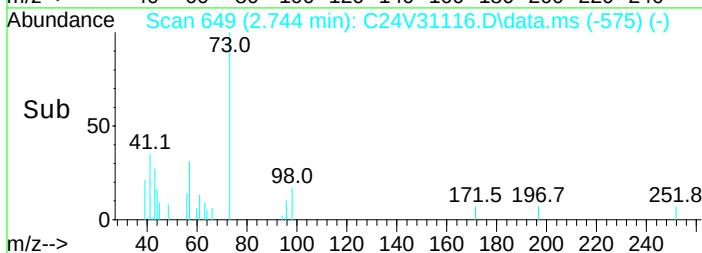
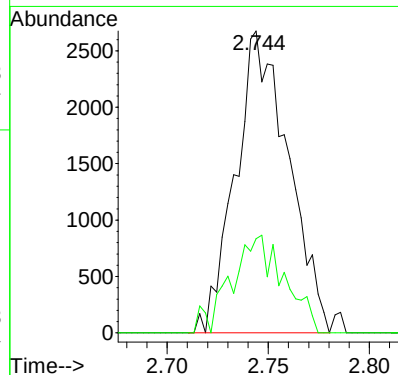
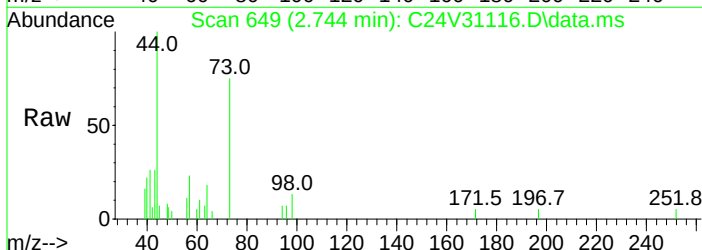




#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.55 UG/L
RT: 2.744 min Scan# 649
Delta R.T. 0.006 min
Lab File: C24V31116.D
Acq: 6 Nov 2024 4:12 pm

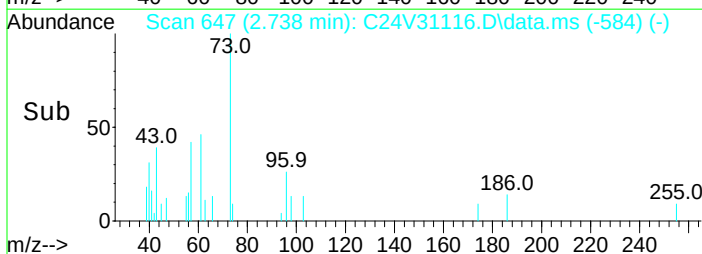
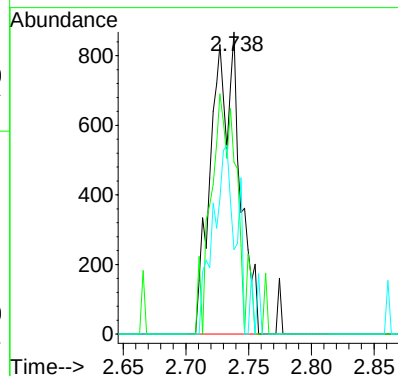
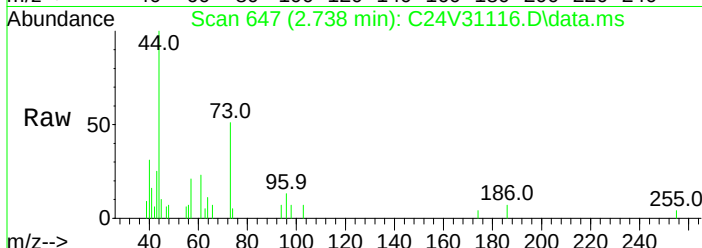
136

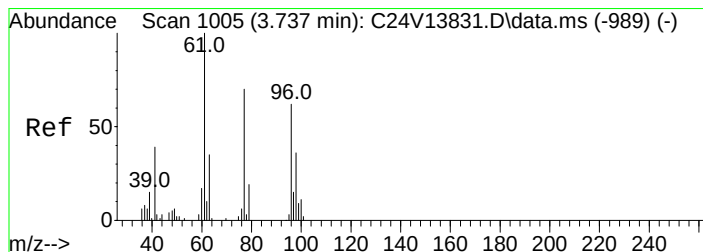
Tgt Ion: 73 Resp: 4856
Ion Ratio Lower Upper
73 100
57 32.6 19.8 29.8#



#26
TRANS 1,2-DICHLOROETHENE
Concen: 0.35 UG/L m
RT: 2.738 min Scan# 647
Delta R.T. 0.017 min
Lab File: C24V31116.D
Acq: 6 Nov 2024 4:12 pm

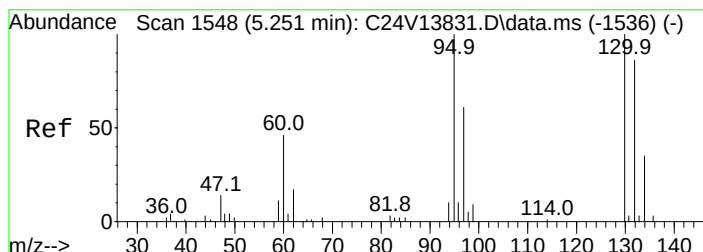
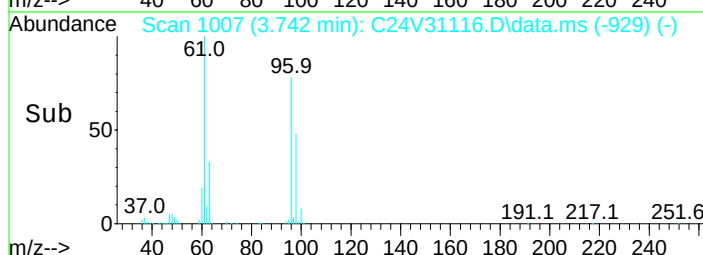
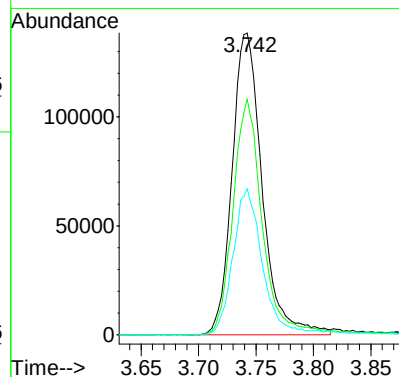
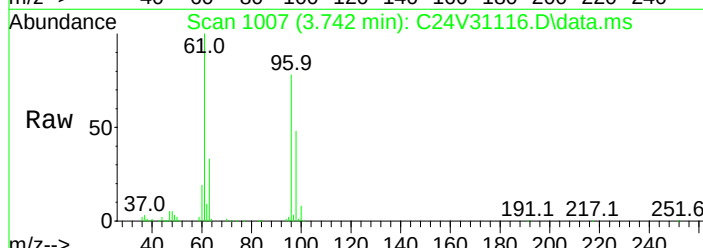
Tgt Ion: 61 Resp: 1361
Ion Ratio Lower Upper
61 100
96 68.6 57.4 86.2
98 49.9 36.2 54.4





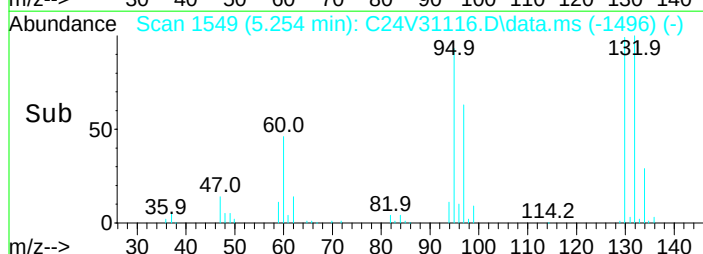
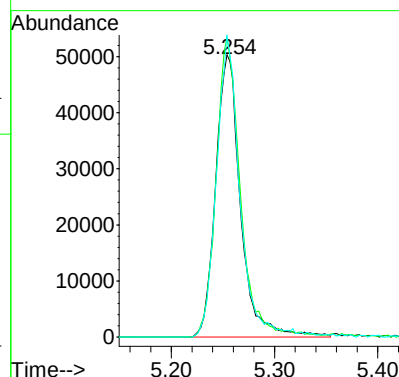
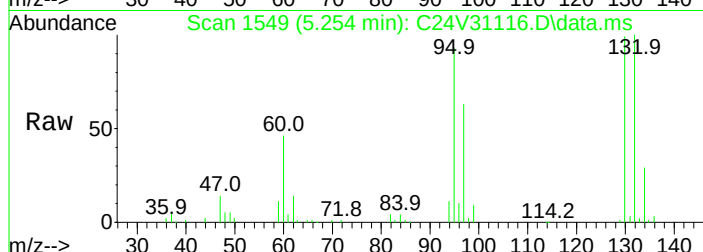
#33
CIS-1,2-DICHLOROETHENE
Concen: 58.93 UG/L
RT: 3.742 min Scan# 1007
Delta R.T. 0.003 min
Lab File: C24V31116.D
Acq: 6 Nov 2024 4:12 pm

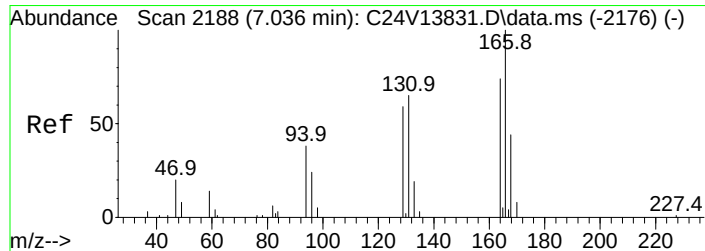
Tgt Ion	Ratio	Resp	Lower	Upper
61	100	252617		
96	76.2	58.1	87.1	
98	47.2	36.1	54.1	



#52
TRICHLOROETHENE
Concen: 34.65 UG/L
RT: 5.254 min Scan# 1549
Delta R.T. -0.002 min
Lab File: C24V31116.D
Acq: 6 Nov 2024 4:12 pm

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	84204		
130	101.8	85.7	128.5	
132	98.9	84.7	127.1	

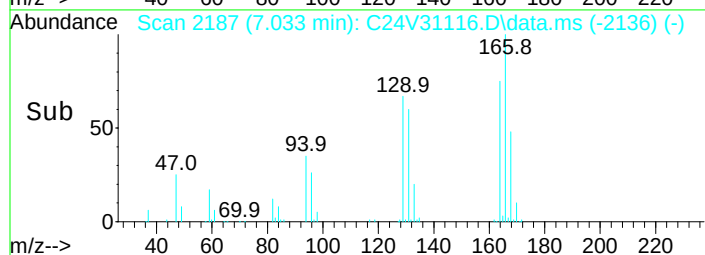
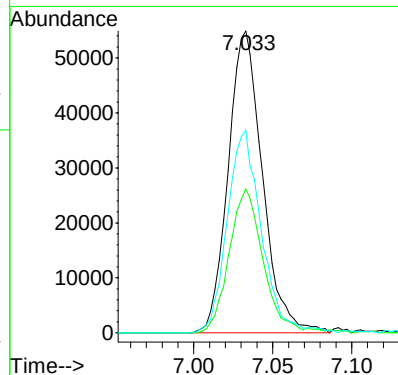
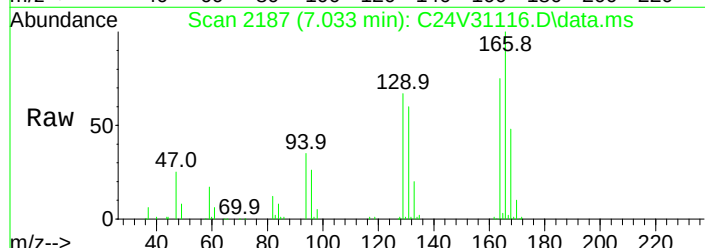




#68
 TETRACHLOROETHENE
 Concen: 33.65 UG/L
 RT: 7.033 min Scan# 2187
 Delta R.T. -0.003 min
 Lab File: C24V31116.D
 Acq: 6 Nov 2024 4:12 pm

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Tgt Ion:	166	Resp:	82942
Ion Ratio		Lower	Upper
166	100		
168	46.6	37.6	56.4
129	65.9	53.4	80.2

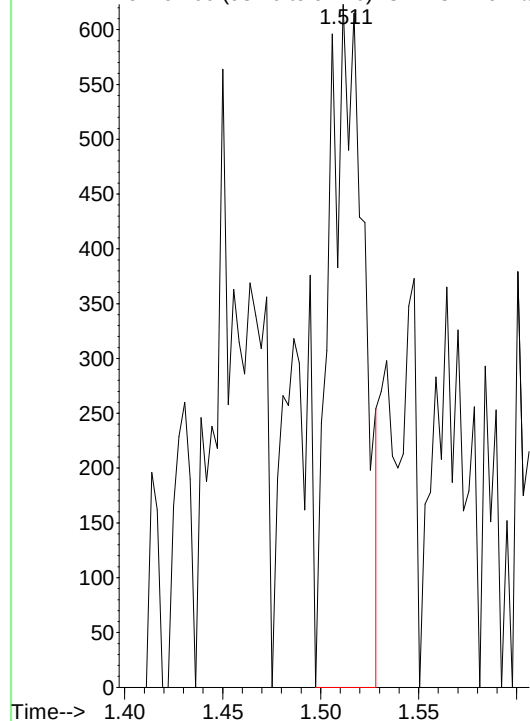


Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31116.D
Acq On : 6 Nov 2024 4:12 pm
Operator :
Sample : 24J4347-08
Misc :

Quant Time : Thu Nov 07 06:19:22 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
BROMOMETHANE

Abundance on 94.00 (93.70 to 94.70): C24V31116.D



Original Int. Results

RT : 1.51
Area : 763
Amount: 0.396714

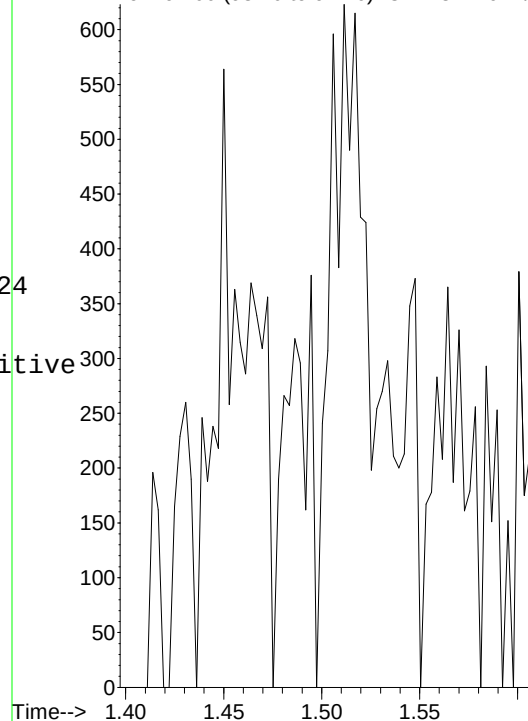
Manual Int. Results

Thu Nov 07 06:06:38 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

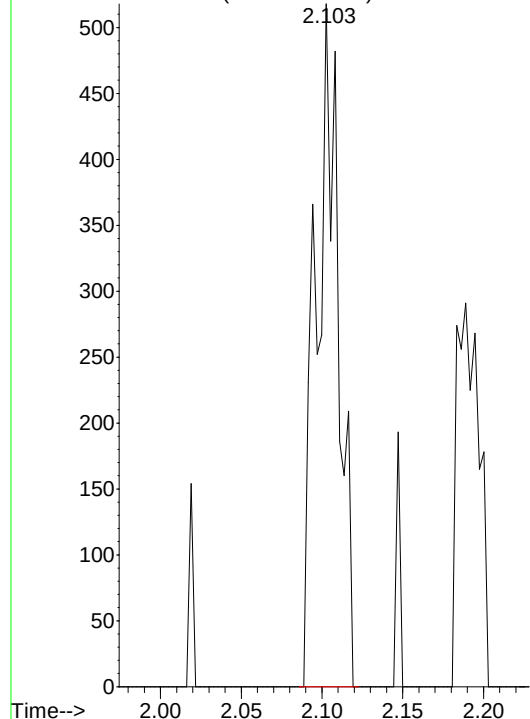
Manual Integration
BROMOMETHANE

Abundance on 94.00 (93.70 to 94.70): C24V31116.D



Original Integration
1,1-DICHLOROETHENE

Abundance on 61.00 (60.70 to 61.70): C24V31116.D



Original Int. Results

RT : 2.10
Area : 504
Amount: 0.124094

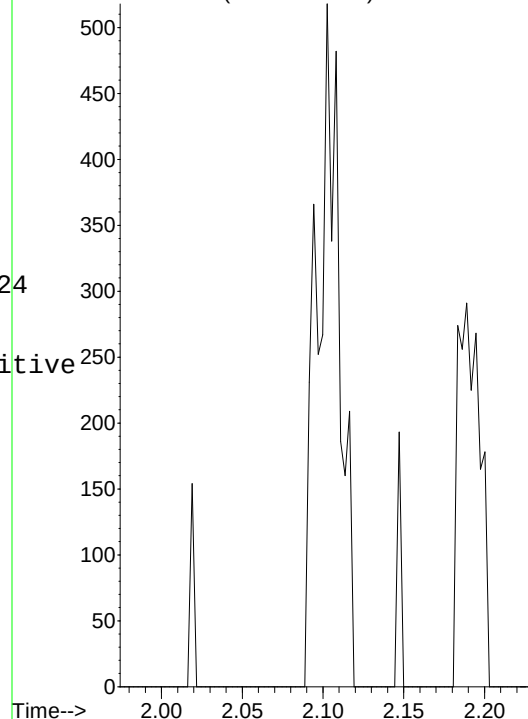
Manual Int. Results

Thu Nov 07 06:06:46 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
1,1-DICHLOROETHENE

Abundance on 61.00 (60.70 to 61.70): C24V31116.D



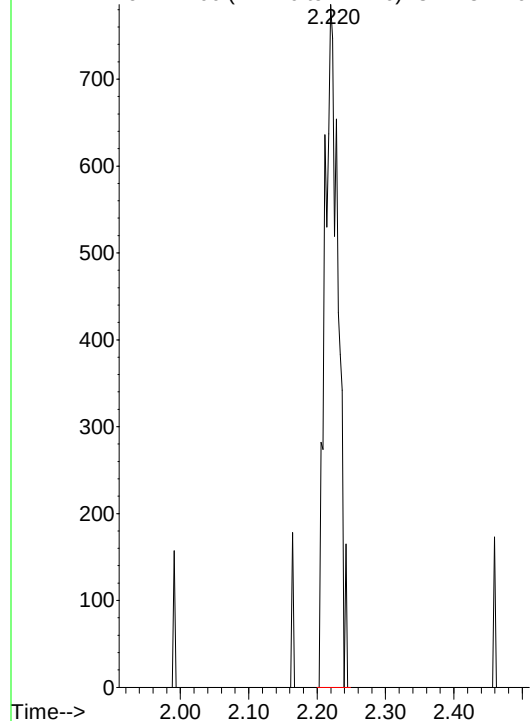
Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31116.D
Acq On : 6 Nov 2024 4:12 pm
Operator :
Sample : 24J4347-08
Misc :

Quant Time : Thu Nov 07 06:19:22 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration

IODOMETHANE

Abundance on 142.00 (141.70 to 142.70): C24V31116.D



Original Int. Results

RT : 2.22
Area : 1069
Amount: 0.315806

Manual Int. Results

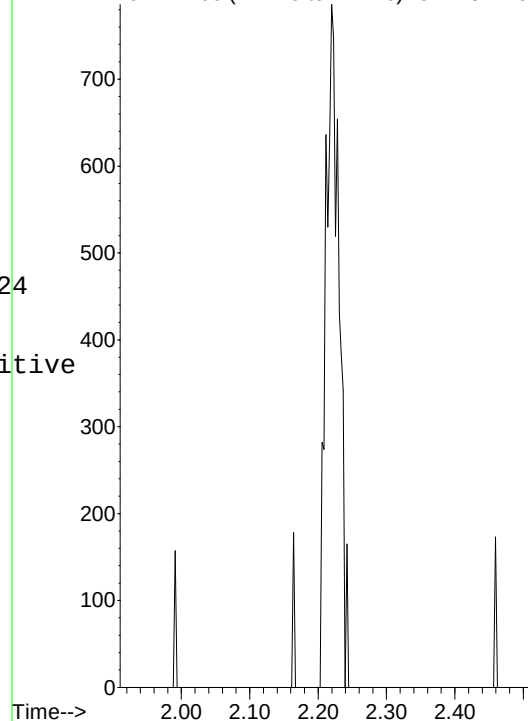
Thu Nov 07 06:15:09 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

IODOMETHANE

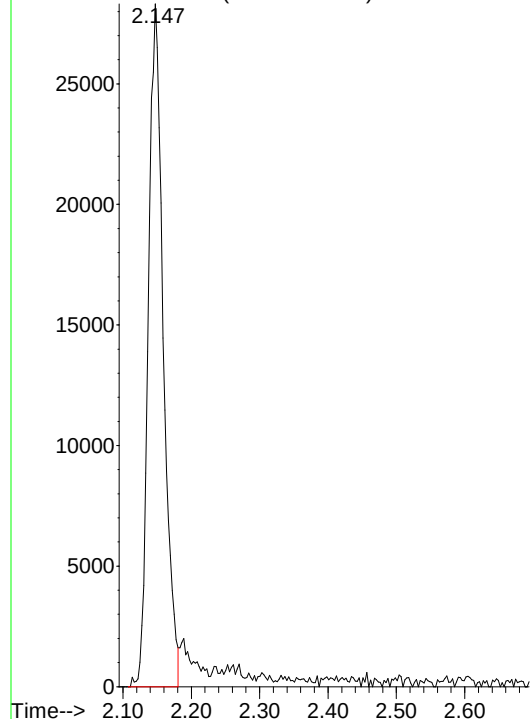
Abundance on 142.00 (141.70 to 142.70): C24V31116.D



Original Integration

METHYL ACETATE

Abundance on 43.00 (42.70 to 43.70): C24V31116.D



Original Int. Results

RT : 2.15
Area : 42976
Amount: 9.70757

Manual Int. Results

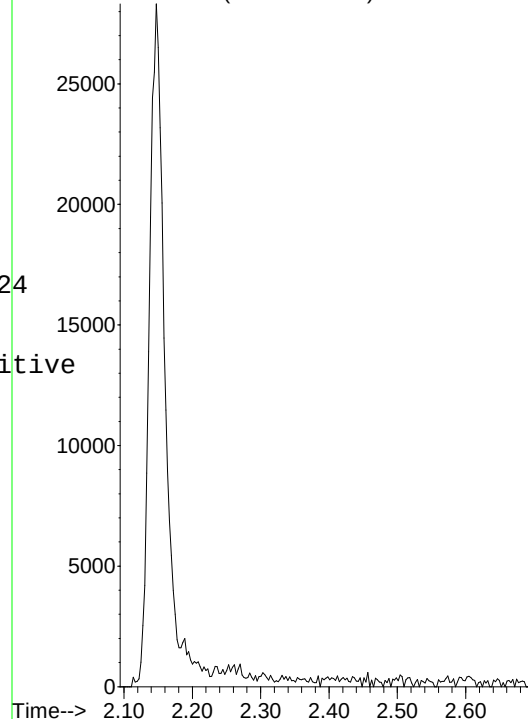
Thu Nov 07 06:15:14 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

METHYL ACETATE

Abundance on 43.00 (42.70 to 43.70): C24V31116.D



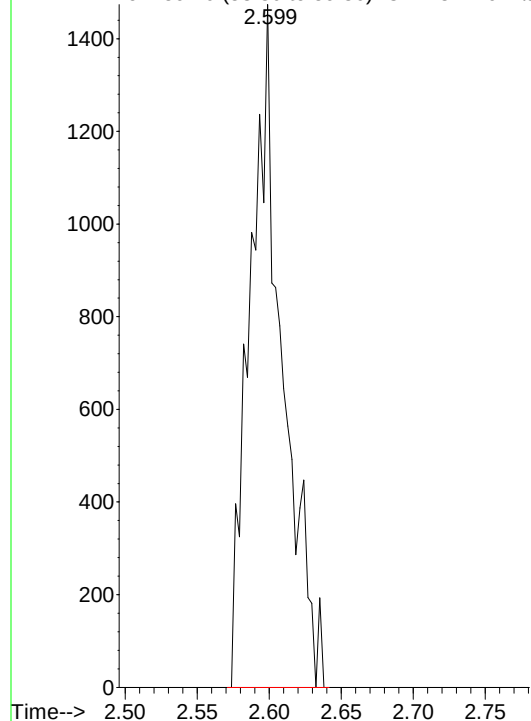
Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31116.D
Acq On : 6 Nov 2024 4:12 pm
Operator :
Sample : 24J4347-08
Misc :

Quant Time : Thu Nov 07 06:19:22 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration

T-BUTYL ALCOHOL

Abundance Ion 59.10 (58.80 to 59.80): C24V31116.D



Original Int. Results

RT : 2.60
Area : 2295
Amount: 5.1157

Manual Int. Results

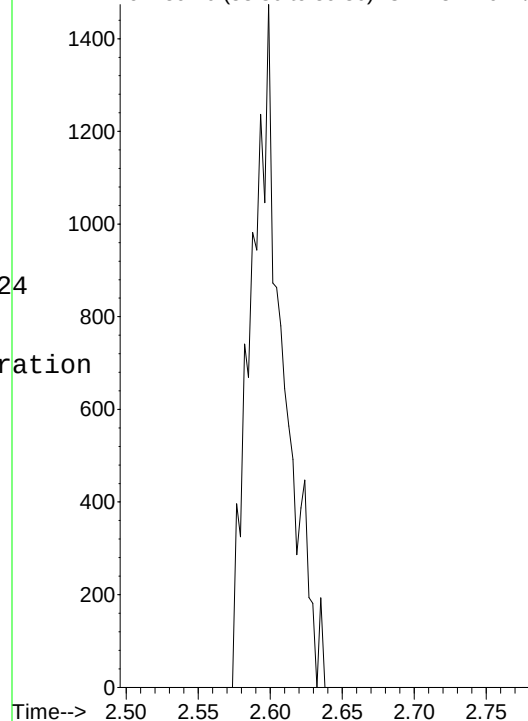
Thu Nov 07 06:15:18 2024

MIuser: MFF
Reason: Incoret Integration
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL ALCOHOL

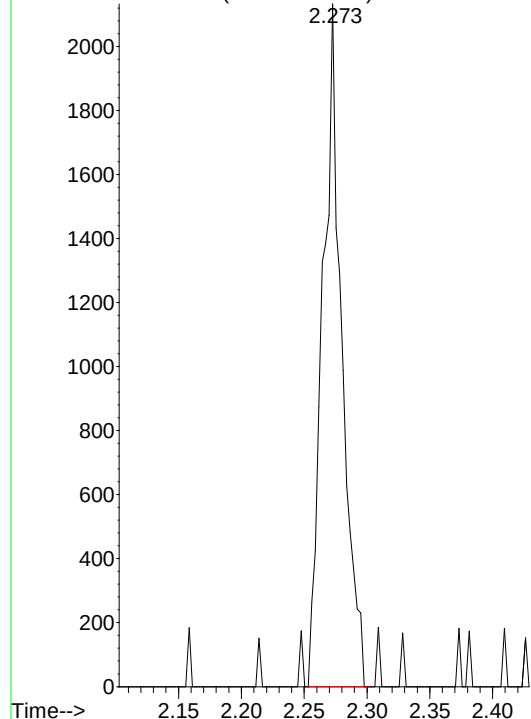
Abundance Ion 59.10 (58.80 to 59.80): C24V31116.D



Original Integration

CARBON DISULFIDE

Abundance Ion 76.00 (75.70 to 76.70): C24V31116.D



Original Int. Results

RT : 2.27
Area : 2264
Amount: 0.289898

Manual Int. Results

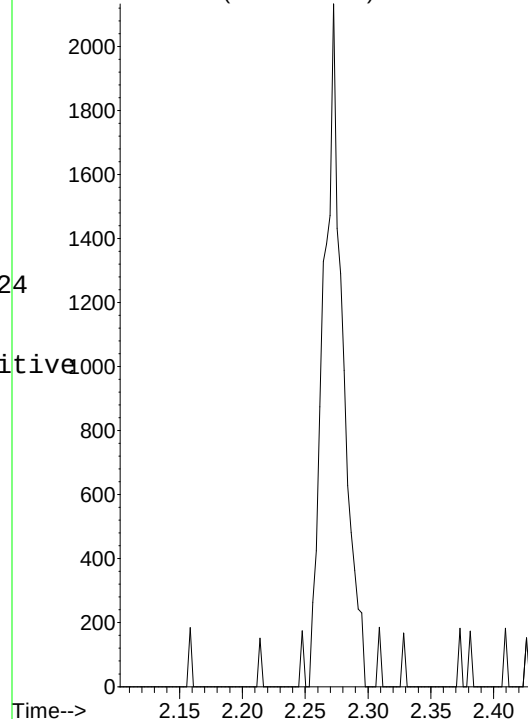
Thu Nov 07 06:15:26 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

CARBON DISULFIDE

Abundance Ion 76.00 (75.70 to 76.70): C24V31116.D

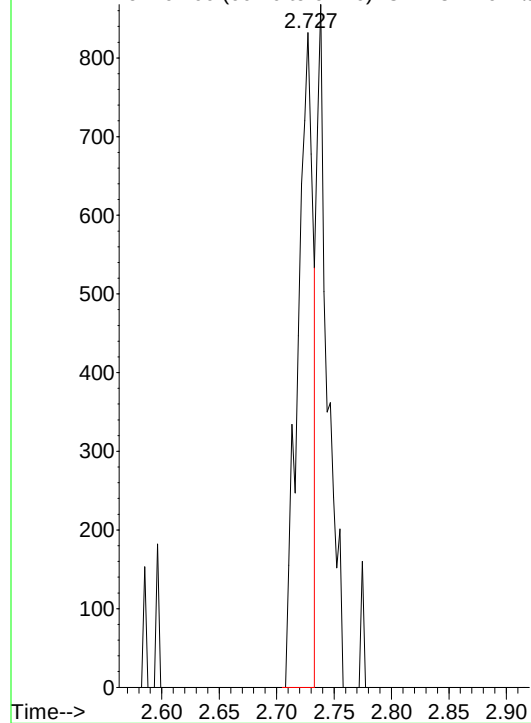


Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31116.D
Acq On : 6 Nov 2024 4:12 pm
Operator :
Sample : 24J4347-08
Misc :

Quant Time : Thu Nov 07 06:19:22 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
TRANS 1,2-DICHLOROETHENE

Abundance on 61.00 (60.70 to 61.70): C24V31116.Did



Original Int. Results

RT : 2.73
Area : 767
Amount: 0.198762

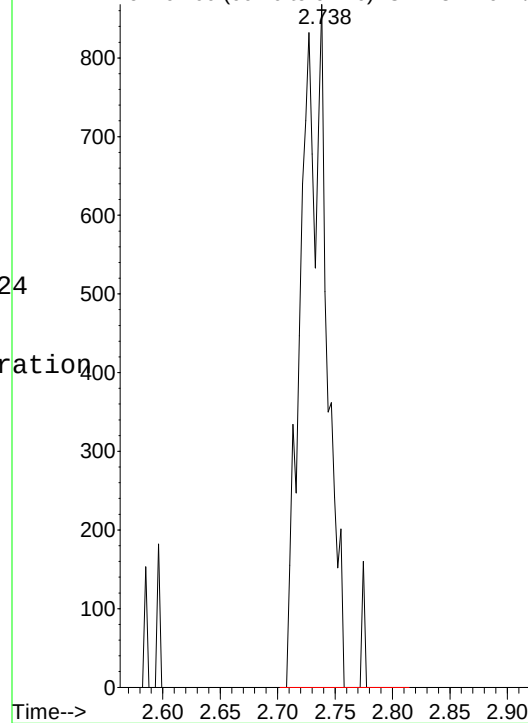
Manual Int. Results

Thu Nov 07 06:15:31 2024

MIuser: MFF
Reason: Incoret Integration
RT : 2.74
Area : 1361
Amount: 0.352692

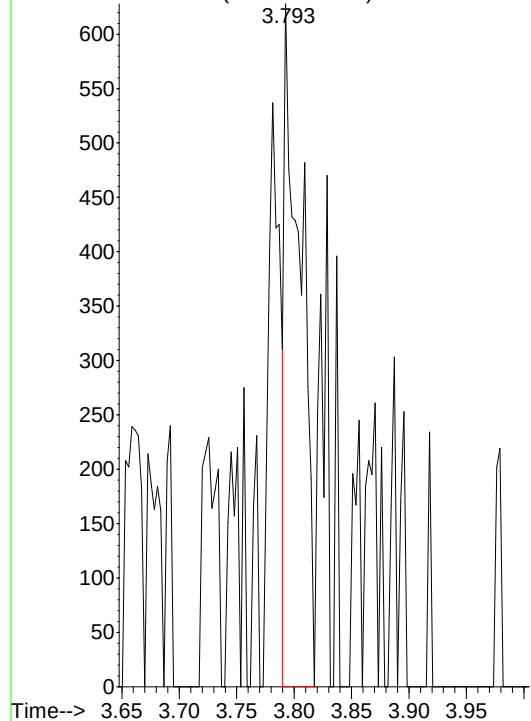
Manual Integration
TRANS 1,2-DICHLOROETHENE

Abundance on 61.00 (60.70 to 61.70): C24V31116.Did



Original Integration
2-BUTANONE

Abundance on 43.00 (42.70 to 43.70): C24V31116.Did



Original Int. Results

RT : 3.79
Area : 618
Amount: 0.375668

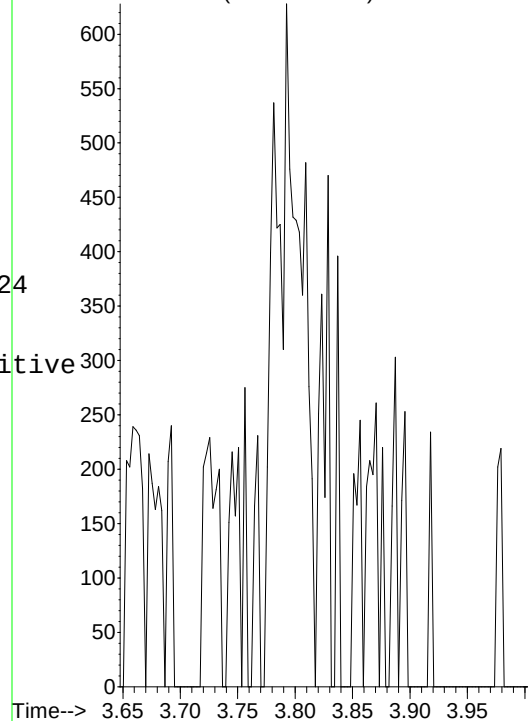
Manual Int. Results

Thu Nov 07 06:15:36 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
2-BUTANONE

Abundance on 43.00 (42.70 to 43.70): C24V31116.Did



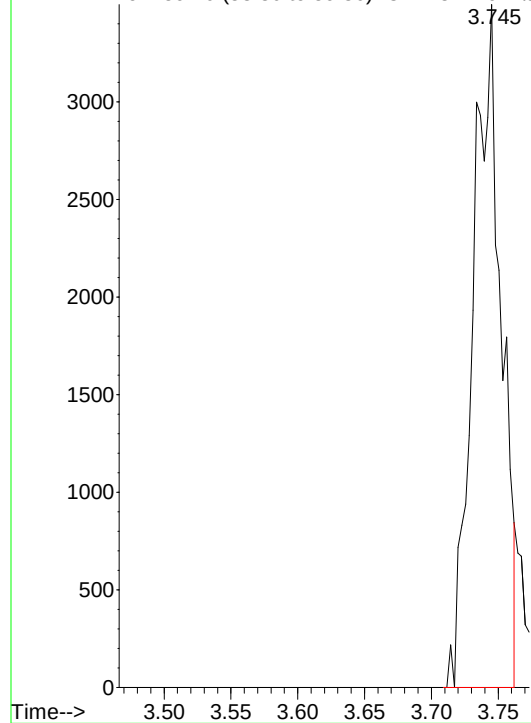
Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31116.D
Acq On : 6 Nov 2024 4:12 pm
Operator :
Sample : 24J4347-08
Misc :

Quant Time : Thu Nov 07 06:19:22 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration

T-BUTYL ETHYL ETHER

Abundance Ion 59.10 (58.80 to 59.80): C24V31116.D



Original Int. Results

RT : 3.75
Area : 5137
Amount: 0.594593

Manual Int. Results

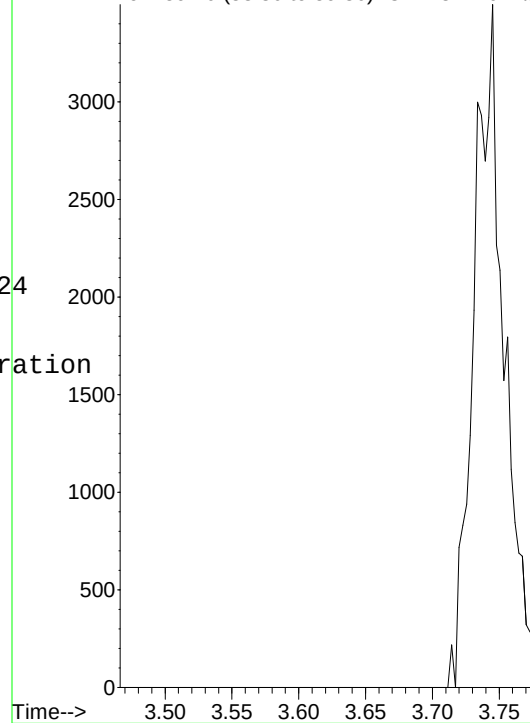
Thu Nov 07 06:15:47 2024

MIuser: MFF
Reason: Incoret Integration
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL ETHYL ETHER

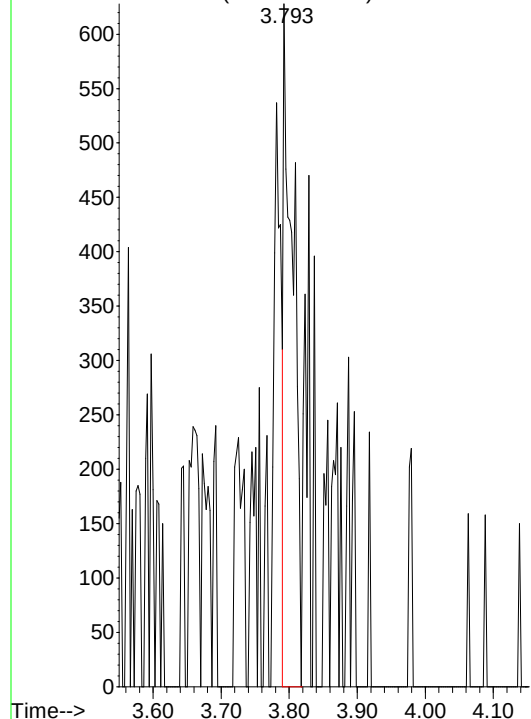
Abundance Ion 59.10 (58.80 to 59.80): C24V31116.D



Original Integration

ETHYL ACETATE

Abundance Ion 43.00 (42.70 to 43.70): C24V31116.D



Original Int. Results

RT : 3.79
Area : 618
Amount: 0.152095

Manual Int. Results

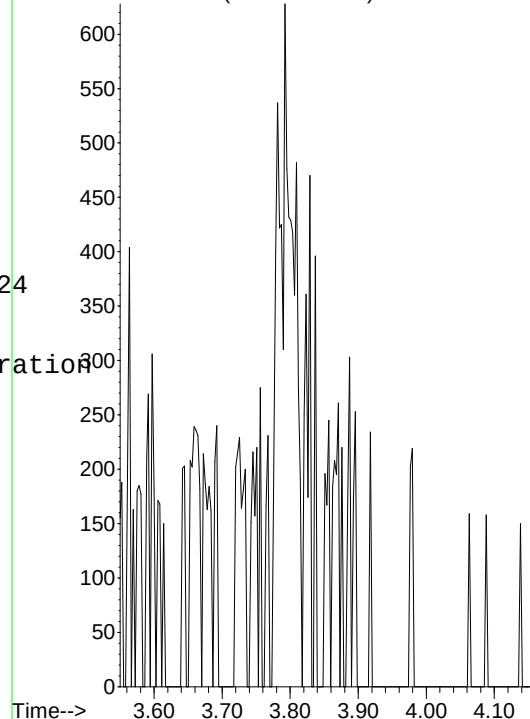
Thu Nov 07 06:15:52 2024

MIuser: MFF
Reason: Incoret Integration
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL ACETATE

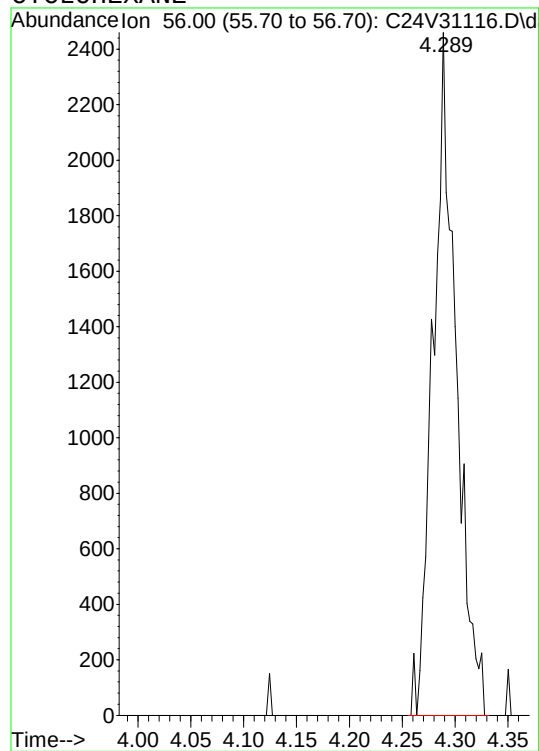
Abundance Ion 43.00 (42.70 to 43.70): C24V31116.D



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31116.D
Acq On : 6 Nov 2024 4:12 pm
Operator :
Sample : 24J4347-08
Misc :

Quant Time : Thu Nov 07 06:19:22 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CYCLOHEXANE



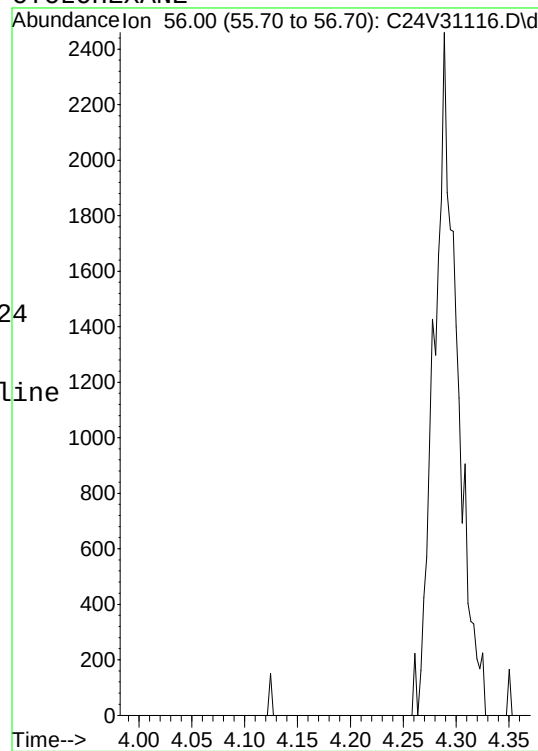
Original Int. Results

RT : 4.29
Area : 3722
Amount: 0.841749

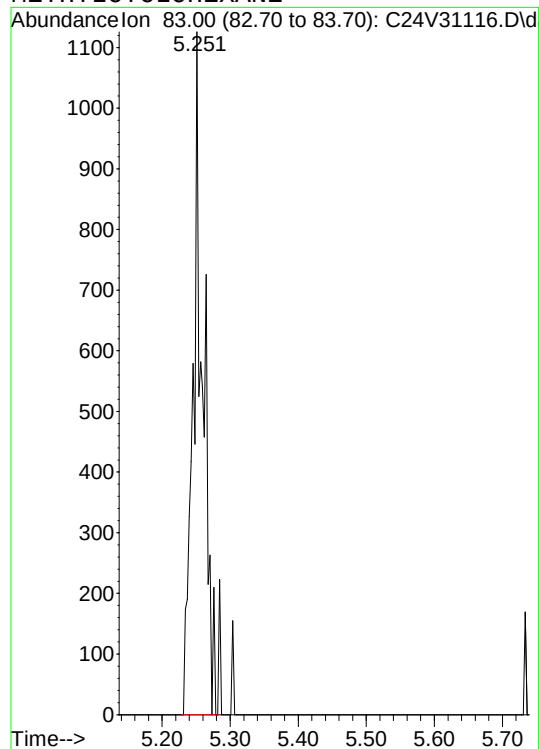
Manual Int. Results

Thu Nov 07 06:16:00 2024
MIuser: MFF
Reason: Incorrect Baseline
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



Original Integration
METHYLCYCLOHEXANE



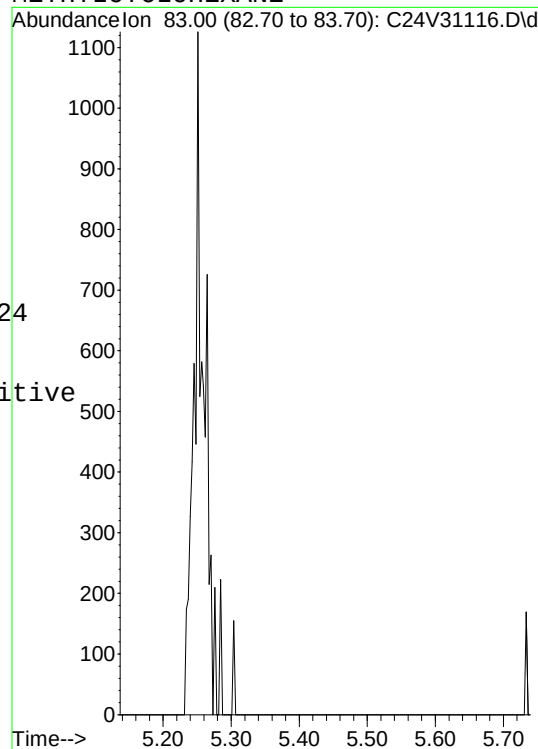
Original Int. Results

RT : 5.25
Area : 1134
Amount: 0.390487

Manual Int. Results

Thu Nov 07 06:19:22 2024
MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
METHYLCYCLOHEXANE



QC DATA

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260D

Laboratory:	Pace New England	SDG:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
24J4347-02	96.2	84.2	95.6
24J4347-03	102	81.9	93.7
24J4347-04	99.7	88.1	90.2
24J4347-05	96.2	76.7	96.2
24J4347-06	102	83.5	87.0
24J4347-07	99.5	82.1	95.1
24J4347-08	102	82.4	97.0
B391460-BLK1	94.3	84.9	95.2
B391460-BS1	96.2	95.2	93.0
B391460-BSD1	101	93.8	102
B391460-MS1	103	92.9	104
B391460-MSD1	97.4	94.0	101

SYSTEM MONITORING COMPOUND SUMMARY
SW-846 8260D

Laboratory:	Pace New England	SDG:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Instrument:	GCMSVOA2

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
24J4347-01	139*	96.1	105
B391625-BLK1	123	97.1	105
B391625-BS1	113	96.7	102
B391625-BSD1	123	98.4	103

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-5

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B391460	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B391460-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	24J4347-05
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.	QC LIMITS REC.
Acetone	100.0	2.29	94.6	92.4	70 - 130
Benzene	10.00	ND	9.42	94.2	70 - 130
Bromochloromethane	10.00	ND	10.2	102	70 - 130
Bromodichloromethane	10.00	ND	9.39	93.9	70 - 130
Bromoform	10.00	ND	7.23	72.3	70 - 130
Bromomethane	10.00	ND	13.2	132	* 70 - 130
2-Butanone (MEK)	100.0	ND	89.4	89.4	70 - 130
n-Butylbenzene	10.00	ND	6.24	62.4	* 70 - 130
sec-Butylbenzene	10.00	ND	7.48	74.8	70 - 130
tert-Butylbenzene	10.00	ND	7.56	75.6	70 - 130
Carbon Disulfide	100.0	ND	95.6	95.6	70 - 130
Carbon Tetrachloride	10.00	ND	9.27	92.7	70 - 130
Chlorobenzene	10.00	ND	9.25	92.5	70 - 130
Chlorodibromomethane	10.00	ND	9.06	90.6	70 - 130
Chloroethane	10.00	ND	9.94	99.4	70 - 130
Chloroform	10.00	ND	9.19	91.9	70 - 130
Chloromethane	10.00	ND	11.4	114	70 - 130
Cyclohexane	10.00	ND	8.83	88.3	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.00	ND	6.54	65.4	* 70 - 130
1,2-Dibromoethane (EDB)	10.00	ND	8.85	88.5	70 - 130
1,2-Dichlorobenzene	10.00	ND	8.33	83.3	70 - 130
1,3-Dichlorobenzene	10.00	ND	8.35	83.5	70 - 130
1,4-Dichlorobenzene	10.00	ND	7.43	74.3	70 - 130
Dichlorodifluoromethane (Freon 12)	10.00	ND	9.01	90.1	70 - 130
1,1-Dichloroethane	10.00	ND	10.2	102	70 - 130
1,2-Dichloroethane	10.00	ND	9.69	96.9	70 - 130
1,1-Dichloroethylene	10.00	0.460	11.1	106	70 - 130
cis-1,2-Dichloroethylene	10.00	43.5	55.7	122	70 - 130
trans-1,2-Dichloroethylene	10.00	0.480	10.5	100	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-5

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B391460	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B391460-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	24J4347-05
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.	QC LIMITS REC.
1,2-Dichloropropane	10.00	ND	8.98	89.8	70 - 130
cis-1,3-Dichloropropene	10.00	ND	7.50	75.0	70 - 130
trans-1,3-Dichloropropene	10.00	ND	7.25	72.5	70 - 130
Ethylbenzene	10.00	ND	8.46	84.6	70 - 130
2-Hexanone (MBK)	100.0	ND	72.8	72.8	70 - 130
Isopropylbenzene (Cumene)	10.00	ND	7.83	78.3	70 - 130
p-Isopropyltoluene (p-Cymene)	10.00	ND	7.17	71.7	70 - 130
Methyl Acetate	10.00	ND	10.6	106	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.00	ND	8.72	87.2	70 - 130
Methyl Cyclohexane	10.00	ND	9.04	90.4	70 - 130
Methylene Chloride	10.00	ND	10.0	100	70 - 130
4-Methyl-2-pentanone (MIBK)	100.0	ND	80.5	80.5	70 - 130
Naphthalene	10.00	ND	1.63	16.3	* 70 - 130
n-Propylbenzene	10.00	ND	7.84	78.4	70 - 130
Styrene	10.00	ND	7.63	76.3	70 - 130
1,1,2,2-Tetrachloroethane	10.00	ND	8.47	84.7	70 - 130
Tetrachloroethylene	10.00	145	165	199	* 70 - 130
Toluene	10.00	ND	9.47	94.7	70 - 130
1,2,3-Trichlorobenzene	10.00	ND	4.71	47.1	* 70 - 130
1,2,4-Trichlorobenzene	10.00	ND	4.32	43.2	* 70 - 130
1,1,1-Trichloroethane	10.00	ND	9.19	91.9	70 - 130
1,1,2-Trichloroethane	10.00	ND	9.81	98.1	70 - 130
Trichloroethylene	10.00	31.4	44.3	129	70 - 130
Trichlorofluoromethane (Freon 11)	10.00	ND	10.9	109	70 - 130
1,2,3-Trichloropropane	10.00	ND	8.61	86.1	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.00	ND	9.71	97.1	70 - 130
1,2,4-Trimethylbenzene	10.00	ND	7.29	72.9	70 - 130
1,3,5-Trimethylbenzene	10.00	ND	8.13	81.3	70 - 130
Vinyl Chloride	10.00	16.5	29.0	124	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-5

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B391460	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B391460-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	24J4347-05
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.	QC LIMITS REC.
m+p Xylene	20.00	ND	16.7	83.3	70 - 130
o-Xylene	10.00	ND	7.92	79.2	70 - 130
Xylenes (total)	30.00	ND	24.6	81.9	0 - 200

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-5

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B391460	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B391460-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	24J4347-05
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	%	QC LIMITS	
					RPD	REC.
Acetone	100.0	88.6	86.4	6.55	30	70 - 130
Benzene	10.00	9.12	91.2	3.24	30	70 - 130
Bromochloromethane	10.00	10.4	104	2.52	30	70 - 130
Bromodichloromethane	10.00	9.63	96.3	2.52	30	70 - 130
Bromoform	10.00	7.39	73.9	2.19	30	70 - 130
Bromomethane	10.00	12.2	122	7.89	30	70 - 130
2-Butanone (MEK)	100.0	92.8	92.8	3.69	30	70 - 130
n-Butylbenzene	10.00	7.52	75.2	18.6	30	70 - 130
sec-Butylbenzene	10.00	8.37	83.7	11.2	30	70 - 130
tert-Butylbenzene	10.00	8.01	80.1	5.78	30	70 - 130
Carbon Disulfide	100.0	91.9	91.9	3.98	30	70 - 130
Carbon Tetrachloride	10.00	9.30	93.0	0.323	30	70 - 130
Chlorobenzene	10.00	9.95	99.5	7.29	30	70 - 130
Chlorodibromomethane	10.00	8.87	88.7	2.12	30	70 - 130
Chloroethane	10.00	9.63	96.3	3.17	30	70 - 130
Chloroform	10.00	9.59	95.9	4.26	30	70 - 130
Chloromethane	10.00	10.0	100	12.1	30	70 - 130
Cyclohexane	10.00	9.78	97.8	10.2	30	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.00	6.63	66.3	*	30	70 - 130
1,2-Dibromoethane (EDB)	10.00	9.12	91.2	3.01	30	70 - 130
1,2-Dichlorobenzene	10.00	9.34	93.4	11.4	30	70 - 130
1,3-Dichlorobenzene	10.00	9.37	93.7	11.5	30	70 - 130
1,4-Dichlorobenzene	10.00	9.19	91.9	21.2	30	70 - 130
Dichlorodifluoromethane (Freon 12)	10.00	9.04	90.4	0.332	30	70 - 130
1,1-Dichloroethane	10.00	9.29	92.9	9.34	30	70 - 130
1,2-Dichloroethane	10.00	9.77	97.7	0.822	30	70 - 130
1,1-Dichloroethylene	10.00	9.93	94.7	10.8	30	70 - 130
cis-1,2-Dichloroethylene	10.00	54.0	105	3.15	30	70 - 130
trans-1,2-Dichloroethylene	10.00	9.88	94.0	6.18	30	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-5

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B391460	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B391460-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	24J4347-05
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	QC LIMITS			
				% RPD		RPD	REC.
1,2-Dichloropropane	10.00	9.26	92.6	3.07	30	70 - 130	
cis-1,3-Dichloropropene	10.00	7.97	79.7	6.08	30	70 - 130	
trans-1,3-Dichloropropene	10.00	7.58	75.8	4.45	30	70 - 130	
Ethylbenzene	10.00	9.14	91.4	7.73	30	70 - 130	
2-Hexanone (MBK)	100.0	78.0	78.0	6.87	30	70 - 130	
Isopropylbenzene (Cumene)	10.00	8.37	83.7	6.67	30	70 - 130	
p-Isopropyltoluene (p-Cymene)	10.00	8.04	80.4	11.4	30	70 - 130	
Methyl Acetate	10.00	10.1	101	5.60	30	70 - 130	
Methyl tert-Butyl Ether (MTBE)	10.00	8.10	81.0	7.37	30	70 - 130	
Methyl Cyclohexane	10.00	9.95	99.5	9.58	30	70 - 130	
Methylene Chloride	10.00	9.39	93.9	6.29	30	70 - 130	
4-Methyl-2-pentanone (MIBK)	100.0	84.0	84.0	4.28	30	70 - 130	
Naphthalene	10.00	3.07	30.7	* 61.3 *	30	70 - 130	
n-Propylbenzene	10.00	8.45	84.5	7.49	30	70 - 130	
Styrene	10.00	8.03	80.3	5.11	30	70 - 130	
1,1,2,2-Tetrachloroethane	10.00	9.01	90.1	6.18	30	70 - 130	
Tetrachloroethylene	10.00	157	118	5.07	30	70 - 130	
Toluene	10.00	9.63	96.3	1.68	30	70 - 130	
1,2,3-Trichlorobenzene	10.00	6.34	63.4	* 29.5	30	70 - 130	
1,2,4-Trichlorobenzene	10.00	5.85	58.5	* 30.1 *	30	70 - 130	
1,1,1-Trichloroethane	10.00	9.51	95.1	3.42	30	70 - 130	
1,1,2-Trichloroethane	10.00	9.32	93.2	5.12	30	70 - 130	
Trichloroethylene	10.00	42.1	107	5.19	30	70 - 130	
Trichlorofluoromethane (Freon 11)	10.00	10.2	102	7.00	30	70 - 130	
1,2,3-Trichloropropane	10.00	9.86	98.6	13.5	30	70 - 130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.00	9.29	92.9	4.42	30	70 - 130	
1,2,4-Trimethylbenzene	10.00	8.12	81.2	10.8	30	70 - 130	
1,3,5-Trimethylbenzene	10.00	8.91	89.1	9.15	30	70 - 130	
Vinyl Chloride	10.00	27.6	111	4.70	30	70 - 130	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-5

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B391460	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B391460-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	24J4347-05
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	% RPD	QC LIMITS	
					RPD	REC.
m+p Xylene	20.00	17.8	89.2	6.90	20	70 - 130
o-Xylene	10.00	8.35	83.5	5.29	30	70 - 130
Xylenes (total)	30.00	26.2	87.3	6.38	200	0 - 200

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B391460	Laboratory ID:	B391460-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100.0	90.3	90.3	70 - 160
Benzene	10.00	10.6	106	70 - 130
Bromochloromethane	10.00	11.5	115	70 - 130
Bromodichloromethane	10.00	9.84	98.4	70 - 130
Bromoform	10.00	8.28	82.8	70 - 130
Bromomethane	10.00	12.7	127	40 - 160
2-Butanone (MEK)	100.0	97.0	97.0	40 - 160
n-Butylbenzene	10.00	9.12	91.2	70 - 130
sec-Butylbenzene	10.00	9.17	91.7	70 - 130
tert-Butylbenzene	10.00	9.28	92.8	70 - 130
Carbon Disulfide	100.0	91.3	91.3	70 - 130
Carbon Tetrachloride	10.00	9.50	95.0	70 - 130
Chlorobenzene	10.00	11.3	113	70 - 130
Chlorodibromomethane	10.00	9.18	91.8	70 - 130
Chloroethane	10.00	10.2	102	70 - 130
Chloroform	10.00	10.1	101	70 - 130
Chloromethane	10.00	10.4	104	40 - 160
Cyclohexane	10.00	9.97	99.7	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.00	8.49	84.9	70 - 130
1,2-Dibromoethane (EDB)	10.00	9.35	93.5	70 - 130
1,2-Dichlorobenzene	10.00	10.2	102	70 - 130
1,3-Dichlorobenzene	10.00	10.2	102	70 - 130
1,4-Dichlorobenzene	10.00	9.67	96.7	70 - 130
Dichlorodifluoromethane (Freon 12)	10.00	9.56	95.6	40 - 160
1,1-Dichloroethane	10.00	9.80	98.0	70 - 130
1,2-Dichloroethane	10.00	10.4	104	70 - 130
1,1-Dichloroethylene	10.00	9.73	97.3	70 - 130
cis-1,2-Dichloroethylene	10.00	10.3	103	70 - 130
trans-1,2-Dichloroethylene	10.00	9.64	96.4	70 - 130
1,2-Dichloropropane	10.00	9.99	99.9	70 - 130
cis-1,3-Dichloropropene	10.00	8.89	88.9	70 - 130
trans-1,3-Dichloropropene	10.00	8.30	83.0	70 - 130
Ethylbenzene	10.00	10.2	102	70 - 130
2-Hexanone (MBK)	100.0	74.9	74.9	70 - 160
Isopropylbenzene (Cumene)	10.00	9.67	96.7	70 - 130
p-Isopropyltoluene (p-Cymene)	10.00	9.25	92.5	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B391460	Laboratory ID:	B391460-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Methyl Acetate	10.00	13.1	131 *	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.00	9.35	93.5	70 - 130
Methyl Cyclohexane	10.00	9.98	99.8	70 - 130
Methylene Chloride	10.00	9.94	99.4	70 - 130
4-Methyl-2-pentanone (MIBK)	100.0	86.6	86.6	70 - 160
Naphthalene	10.00	6.90	69.0	40 - 130
n-Propylbenzene	10.00	9.75	97.5	70 - 130
Styrene	10.00	10.0	100	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.93	99.3	70 - 130
Tetrachloroethylene	10.00	9.87	98.7	70 - 130
Toluene	10.00	9.85	98.5	70 - 130
1,2,3-Trichlorobenzene	10.00	10.0	100	70 - 130
1,2,4-Trichlorobenzene	10.00	8.82	88.2	70 - 130
1,1,1-Trichloroethane	10.00	9.68	96.8	70 - 130
1,1,2-Trichloroethane	10.00	9.54	95.4	70 - 130
Trichloroethylene	10.00	10.4	104	70 - 130
Trichlorofluoromethane (Freon 11)	10.00	9.97	99.7	70 - 130
1,2,3-Trichloropropane	10.00	10.6	106	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.00	9.39	93.9	70 - 130
1,2,4-Trimethylbenzene	10.00	9.45	94.5	70 - 130
1,3,5-Trimethylbenzene	10.00	10.1	101	70 - 130
Vinyl Chloride	10.00	9.84	98.4	40 - 160
m+p Xylene	20.00	20.7	104	70 - 130
o-Xylene	10.00	10.1	101	70 - 130
Xylenes (total)	30.00	30.8	103	0 - 200

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	REC.
Acetone	100.0	100	100	10.7	25	70 - 160
Benzene	10.00	10.5	105	0.853	25	70 - 130
Bromochloromethane	10.00	12.0	120	4.51	25	70 - 130
Bromodichloromethane	10.00	10.4	104	5.92	25	70 - 130
Bromoform	10.00	8.18	81.8	1.22	25	70 - 130
Bromomethane	10.00	14.0	140	10.3	25	40 - 160

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B391460	Laboratory ID:	B391460-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
2-Butanone (MEK)	100.0	106	106	9.10	25	40 - 160
n-Butylbenzene	10.00	8.83	88.3	3.23	25	70 - 130
sec-Butylbenzene	10.00	9.38	93.8	2.26	25	70 - 130
tert-Butylbenzene	10.00	9.04	90.4	2.62	25	70 - 130
Carbon Disulfide	100.0	104	104	12.6	25	70 - 130
Carbon Tetrachloride	10.00	9.70	97.0	2.08	25	70 - 130
Chlorobenzene	10.00	10.9	109	3.24	25	70 - 130
Chlorodibromomethane	10.00	9.81	98.1	6.64	25	70 - 130
Chloroethane	10.00	10.9	109	6.06	25	70 - 130
Chloroform	10.00	10.1	101	0.396	25	70 - 130
Chloromethane	10.00	11.2	112	7.06	25	40 - 160
Cyclohexane	10.00	9.62	96.2	3.57	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.00	7.68	76.8	10.0	25	70 - 130
1,2-Dibromoethane (EDB)	10.00	9.77	97.7	4.39	25	70 - 130
1,2-Dichlorobenzene	10.00	10.4	104	1.36	25	70 - 130
1,3-Dichlorobenzene	10.00	10.3	103	0.978	25	70 - 130
1,4-Dichlorobenzene	10.00	9.37	93.7	3.15	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.00	10.1	101	5.89	25	40 - 160
1,1-Dichloroethane	10.00	10.9	109	10.4	25	70 - 130
1,2-Dichloroethane	10.00	10.9	109	4.68	25	70 - 130
1,1-Dichloroethylene	10.00	10.8	108	10.3	25	70 - 130
cis-1,2-Dichloroethylene	10.00	11.2	112	7.81	25	70 - 130
trans-1,2-Dichloroethylene	10.00	10.5	105	8.92	25	70 - 130
1,2-Dichloropropane	10.00	10.0	100	0.300	25	70 - 130
cis-1,3-Dichloropropene	10.00	9.74	97.4	9.13	25	70 - 130
trans-1,3-Dichloropropene	10.00	9.15	91.5	9.74	25	70 - 130
Ethylbenzene	10.00	10.1	101	0.692	25	70 - 130
2-Hexanone (MBK)	100.0	88.1	88.1	16.2	25	70 - 160
Isopropylbenzene (Cumene)	10.00	9.54	95.4	1.35	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.00	9.33	93.3	0.861	25	70 - 130
Methyl Acetate	10.00	13.9	139	* 6.01	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.00	10.0	100	6.82	25	70 - 130
Methyl Cyclohexane	10.00	10.0	100	0.500	25	70 - 130
Methylene Chloride	10.00	11.0	110	10.4	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B391460	Laboratory ID:	B391460-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
4-Methyl-2-pentanone (MIBK)	100.0	92.6	92.6	6.75	25	70 - 160
Naphthalene	10.00	5.86	58.6	16.3	25	40 - 130
n-Propylbenzene	10.00	9.82	98.2	0.715	25	70 - 130
Styrene	10.00	9.53	95.3	5.11	25	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.47	94.7	4.74	25	70 - 130
Tetrachloroethylene	10.00	10.8	108	9.37	25	70 - 130
Toluene	10.00	10.8	108	9.02	25	70 - 130
1,2,3-Trichlorobenzene	10.00	8.94	89.4	11.3	25	70 - 130
1,2,4-Trichlorobenzene	10.00	8.18	81.8	7.53	25	70 - 130
1,1,1-Trichloroethane	10.00	10.0	100	3.65	25	70 - 130
1,1,2-Trichloroethane	10.00	10.4	104	8.63	25	70 - 130
Trichloroethylene	10.00	10.3	103	0.774	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.00	11.0	110	9.64	25	70 - 130
1,2,3-Trichloropropane	10.00	10.6	106	0.282	25	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.00	10.0	100	6.79	25	70 - 130
1,2,4-Trimethylbenzene	10.00	9.50	95.0	0.528	25	70 - 130
1,3,5-Trimethylbenzene	10.00	10.1	101	0.0993	25	70 - 130
Vinyl Chloride	10.00	10.6	106	7.53	25	40 - 160
m+p Xylene	20.00	20.1	101	2.99	25	70 - 130
o-Xylene	10.00	9.98	99.8	0.898	25	70 - 130
Xylenes (total)	30.00	30.1	100	2.30	200	0 - 200

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B391625	Laboratory ID:	B391625-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100.0	85.2	85.2	70 - 160
Benzene	10.00	9.69	96.9	70 - 130
Bromochloromethane	10.00	9.95	99.5	70 - 130
Bromodichloromethane	10.00	11.4	114	70 - 130
Bromoform	10.00	10.9	109	70 - 130
Bromomethane	10.00	9.93	99.3	40 - 160
2-Butanone (MEK)	100.0	88.0	88.0	40 - 160
n-Butylbenzene	10.00	10.7	107	70 - 130
sec-Butylbenzene	10.00	9.98	99.8	70 - 130
tert-Butylbenzene	10.00	10.2	102	70 - 130
Carbon Disulfide	100.0	86.8	86.8	70 - 130
Carbon Tetrachloride	10.00	10.2	102	70 - 130
Chlorobenzene	10.00	9.55	95.5	70 - 130
Chlorodibromomethane	10.00	11.4	114	70 - 130
Chloroethane	10.00	8.40	84.0	70 - 130
Chloroform	10.00	11.3	113	70 - 130
Chloromethane	10.00	7.98	79.8	40 - 160
Cyclohexane	10.00	8.30	83.0	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.00	11.5	115	70 - 130
1,2-Dibromoethane (EDB)	10.00	11.3	113	70 - 130
1,2-Dichlorobenzene	10.00	10.1	101	70 - 130
1,3-Dichlorobenzene	10.00	10.0	100	70 - 130
1,4-Dichlorobenzene	10.00	9.70	97.0	70 - 130
Dichlorodifluoromethane (Freon 12)	10.00	10.1	101	40 - 160
1,1-Dichloroethane	10.00	9.24	92.4	70 - 130
1,2-Dichloroethane	10.00	12.0	120	70 - 130
1,1-Dichloroethylene	10.00	8.99	89.9	70 - 130
cis-1,2-Dichloroethylene	10.00	9.83	98.3	70 - 130
trans-1,2-Dichloroethylene	10.00	8.94	89.4	70 - 130
1,2-Dichloropropane	10.00	9.61	96.1	70 - 130
cis-1,3-Dichloropropene	10.00	11.2	112	70 - 130
trans-1,3-Dichloropropene	10.00	11.7	117	70 - 130
Ethylbenzene	10.00	9.80	98.0	70 - 130
2-Hexanone (MBK)	100.0	95.9	95.9	70 - 160
Isopropylbenzene (Cumene)	10.00	9.55	95.5	70 - 130
p-Isopropyltoluene (p-Cymene)	10.00	10.0	100	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B391625	Laboratory ID:	B391625-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Methyl Acetate	10.00	10.1	101	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.00	10.2	102	70 - 130
Methyl Cyclohexane	10.00	10.2	102	70 - 130
Methylene Chloride	10.00	7.36	73.6	70 - 130
4-Methyl-2-pentanone (MIBK)	100.0	96.4	96.4	70 - 160
Naphthalene	10.00	10.3	103	40 - 130
n-Propylbenzene	10.00	9.89	98.9	70 - 130
Styrene	10.00	9.86	98.6	70 - 130
1,1,2,2-Tetrachloroethane	10.00	10.5	105	70 - 130
Tetrachloroethylene	10.00	10.1	101	70 - 130
Toluene	10.00	9.84	98.4	70 - 130
1,2,3-Trichlorobenzene	10.00	9.88	98.8	70 - 130
1,2,4-Trichlorobenzene	10.00	10.0	100	70 - 130
1,1,1-Trichloroethane	10.00	10.7	107	70 - 130
1,1,2-Trichloroethane	10.00	11.4	114	70 - 130
Trichloroethylene	10.00	10.2	102	70 - 130
Trichlorofluoromethane (Freon 11)	10.00	11.3	113	70 - 130
1,2,3-Trichloropropane	10.00	10.3	103	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.00	9.08	90.8	70 - 130
1,2,4-Trimethylbenzene	10.00	10.5	105	70 - 130
1,3,5-Trimethylbenzene	10.00	9.74	97.4	70 - 130
Vinyl Chloride	10.00	8.41	84.1	40 - 160
m+p Xylene	20.00	19.0	95.0	70 - 130
o-Xylene	10.00	9.94	99.4	70 - 130
Xylenes (total)	30.00	28.9	96.5	0 - 200

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	REC.
Acetone	100.0	85.6	85.6	0.421	25	70 - 160
Benzene	10.00	10.2	102	4.83	25	70 - 130
Bromochloromethane	10.00	9.86	98.6	0.909	25	70 - 130
Bromodichloromethane	10.00	12.3	123	8.27	25	70 - 130
Bromoform	10.00	10.7	107	2.31	25	70 - 130
Bromomethane	10.00	10.3	103	3.85	25	40 - 160

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B391625	Laboratory ID:	B391625-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
2-Butanone (MEK)	100.0	89.7	89.7	1.93	25	40 - 160
n-Butylbenzene	10.00	11.0	110	2.49	25	70 - 130
sec-Butylbenzene	10.00	10.3	103	3.06	25	70 - 130
tert-Butylbenzene	10.00	10.5	105	2.50	25	70 - 130
Carbon Disulfide	100.0	88.3	88.3	1.79	25	70 - 130
Carbon Tetrachloride	10.00	10.9	109	6.36	25	70 - 130
Chlorobenzene	10.00	9.91	99.1	3.70	25	70 - 130
Chlorodibromomethane	10.00	12.1	121	5.88	25	70 - 130
Chloroethane	10.00	9.76	97.6	15.0	25	70 - 130
Chloroform	10.00	11.3	113	0.177	25	70 - 130
Chloromethane	10.00	8.04	80.4	0.749	25	40 - 160
Cyclohexane	10.00	8.48	84.8	2.15	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.00	12.1	121	4.66	25	70 - 130
1,2-Dibromoethane (EDB)	10.00	11.4	114	1.23	25	70 - 130
1,2-Dichlorobenzene	10.00	10.3	103	1.67	25	70 - 130
1,3-Dichlorobenzene	10.00	10.4	104	3.53	25	70 - 130
1,4-Dichlorobenzene	10.00	10.1	101	4.04	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.00	10.3	103	2.06	25	40 - 160
1,1-Dichloroethane	10.00	9.62	96.2	4.03	25	70 - 130
1,2-Dichloroethane	10.00	11.0	110	8.19	25	70 - 130
1,1-Dichloroethylene	10.00	9.06	90.6	0.776	25	70 - 130
cis-1,2-Dichloroethylene	10.00	10.0	100	2.21	25	70 - 130
trans-1,2-Dichloroethylene	10.00	9.19	91.9	2.76	25	70 - 130
1,2-Dichloropropane	10.00	9.64	96.4	0.312	25	70 - 130
cis-1,3-Dichloropropene	10.00	11.3	113	1.51	25	70 - 130
trans-1,3-Dichloropropene	10.00	12.0	120	2.36	25	70 - 130
Ethylbenzene	10.00	10.2	102	3.71	25	70 - 130
2-Hexanone (MBK)	100.0	97.4	97.4	1.55	25	70 - 160
Isopropylbenzene (Cumene)	10.00	9.92	99.2	3.80	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.00	10.4	104	3.43	25	70 - 130
Methyl Acetate	10.00	11.8	118	15.3	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.00	10.3	103	0.681	25	70 - 130
Methyl Cyclohexane	10.00	10.8	108	5.53	25	70 - 130
Methylene Chloride	10.00	7.71	77.1	4.64	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B391625	Laboratory ID:	B391625-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
4-Methyl-2-pentanone (MIBK)	100.0	98.7	98.7	2.39	25	70 - 160
Naphthalene	10.00	10.3	103	0.0972	25	40 - 130
n-Propylbenzene	10.00	10.3	103	3.87	25	70 - 130
Styrene	10.00	10.0	100	1.71	25	70 - 130
1,1,2,2-Tetrachloroethane	10.00	10.9	109	3.84	25	70 - 130
Tetrachloroethylene	10.00	10.7	107	5.76	25	70 - 130
Toluene	10.00	10.4	104	5.73	25	70 - 130
1,2,3-Trichlorobenzene	10.00	9.58	95.8	3.08	25	70 - 130
1,2,4-Trichlorobenzene	10.00	10.3	103	2.66	25	70 - 130
1,1,1-Trichloroethane	10.00	11.8	118	10.1	25	70 - 130
1,1,2-Trichloroethane	10.00	10.9	109	5.02	25	70 - 130
Trichloroethylene	10.00	10.9	109	6.17	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.00	11.5	115	1.93	25	70 - 130
1,2,3-Trichloropropane	10.00	10.7	107	4.11	25	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.00	9.41	94.1	3.57	25	70 - 130
1,2,4-Trimethylbenzene	10.00	10.8	108	2.91	25	70 - 130
1,3,5-Trimethylbenzene	10.00	10.3	103	5.30	25	70 - 130
Vinyl Chloride	10.00	9.08	90.8	7.66	25	40 - 160
m+p Xylene	20.00	19.6	98.2	3.26	25	70 - 130
o-Xylene	10.00	10.1	101	1.30	25	70 - 130
Xylenes (total)	30.00	29.7	99.0	2.59	200	0 - 200

4 - FORM IV
METHOD BLANK SUMMARY

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SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Blank ID:	B391460-BLK1	Batch:	B391460
		Prepared:	11/05/2024 13:26

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS	B391460-BS1	C24V31106.D	11:44
LCS Dup	B391460-BSD1	C24V31107.D	12:11
MW-2	24J4347-02	C24V31111.D	13:58
MW-3	24J4347-03	C24V31112.D	14:25
MW-4	24J4347-04	C24V31113.D	14:52
MW-6R	24J4347-06	C24V31114.D	15:18
MW-8	24J4347-07	C24V31115.D	15:45
DUP	24J4347-08	C24V31116.D	16:12
MW-5	24J4347-05	C24V31128.D	21:33
Matrix Spike	B391460-MS1	C24V31129.D	21:59
Matrix Spike Dup	B391460-MSD1	C24V31130.D	22:26

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Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Blank ID:	B391625-BLK1	Batch:	B391625
		Prepared:	11/07/2024 05:32

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS	B391625-BS1	B24V31208.D	09:55
LCS Dup	B391625-BSD1	B24V31209.D	10:21
MW-1	24J4347-01	B24V31215.D	12:57

5 - FORM V

INSTRUMENT PERFORMANCE CHECK

SW-846 8260D

Laboratory: Pace New England	Work Order: 24J4347
Client: NYS Division of Environmental Remediation	Project: Former RKO Drycleaners - CO 151681
Lab File ID: C22V21909.D	Injection Date: 08/08/22
Instrument ID: GCMSVOA3	Injection Time: 10:18
Sequence: S075427	Lab Sample ID: S075427-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	20.3	PASS
75	30 - 60% of 95	49.3	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.45	PASS
173	Less than 2% of 174	0.647	PASS
174	50 - 200% of 95	89.4	PASS
175	5 - 9% of 174	7.49	PASS
176	95 - 101% of 174	97.9	PASS
177	5 - 9% of 176	6.76	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
0.4 PPB	S075427-CAL1	C22V21910.D	08/08/2022	10:45:00
0.5 PPB	S075427-CAL2	C22V21911.D	08/08/2022	11:09:00
1.0 PPB	S075427-CAL3	C22V21912.D	08/08/2022	11:33:00
2.0 PPB	S075427-CAL4	C22V21913.D	08/08/2022	11:58:00
5.0 PPB	S075427-CAL5	C22V21914.D	08/08/2022	12:22:00
10 PPB	S075427-CAL6	C22V21915.D	08/08/2022	12:46:00
20 PPB	S075427-CAL7	C22V21916.D	08/08/2022	13:10:00
50 PPB	S075427-CAL8	C22V21920.D	08/08/2022	13:34:00
50 PPB	S075427-CAL8	C22V21917.D	08/08/2022	13:34:00
100 PPB	S075427-CAL9	C22V21921.D	08/08/2022	13:59:00
100 PPB	S075427-CAL9	C22V21918.D	08/08/2022	13:59:00
200 PPB	S075427-CALA	C22V21919.D	08/08/2022	14:23:00
200 PPB	S075427-CALA	C22V21922.D	08/08/2022	14:23:00
Initial Cal Check	S075427-ICV1	C22V21926.D	08/08/2022	17:12:00

5 - FORM V

INSTRUMENT PERFORMANCE CHECK

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Lab File ID:	B23V23404.D	Injection Date:	08/22/23
Instrument ID:	GCMSVOA2	Injection Time:	11:59
Sequence:	S092419	Lab Sample ID:	S092419-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	22.3	PASS
75	30 - 60% of 95	47.1	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.5	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	83.1	PASS
175	5 - 9% of 174	8.48	PASS
176	95 - 105% of 174	101	PASS
177	5 - 9% of 176	6.33	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
0.4 PPB	S092419-CAL1	B23V23405.D	08/22/2023	12:25:00
0.5 PPB	S092419-CAL2	B23V23406.D	08/22/2023	12:51:00
1.0 PPB	S092419-CAL3	B23V23407.D	08/22/2023	13:17:00
2.0 PPB	S092419-CAL4	B23V23408.D	08/22/2023	13:43:00
5.0 PPB	S092419-CAL5	B23V23409.D	08/22/2023	14:09:00
10 PPB	S092419-CAL6	B23V23410.D	08/22/2023	14:36:00
20 PPB	S092419-CAL7	B23V23411.D	08/22/2023	15:02:00
50 PPB	S092419-CAL8	B23V23415.D	08/22/2023	15:28:00
50 PPB	S092419-CAL8	B23V23412.D	08/22/2023	15:28:00
100 PPB	S092419-CAL9	B23V23413.D	08/22/2023	15:54:00
100 PPB	S092419-CAL9	B23V23416.D	08/22/2023	15:54:00
200 PPB	S092419-CALA	B23V23414.D	08/22/2023	16:20:00
200 PPB	S092419-CALA	B23V23417.D	08/22/2023	16:20:00
Initial Cal Check	S092419-ICV1	B23V23420.D	08/22/2023	18:56:00

CALIBRATION DATA

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

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SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2200537

Instrument: GCMSVOA3

Calibration Date: 8/8/2022 10:18:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Acetone	4	0.1963823	5	0.1847193	10	0.1890443	20	0.1758233	50	0.1841132	100	0.1802103
Acrolein	4	7.910751E-02	5	7.680109E-02	10	0.0846155	20	8.462922E-02	50	0.091402	100	9.448151E-02
Acrylonitrile	0.4	0.1806301	0.5	0.1732519	1	0.2229185	2	0.2151418	5	0.2328436	10	0.2509535
tert-Amyl Methyl Ether (TAME)	0.4	1.057976	0.5	1.066165	1	1.234782	2	1.300498	5	1.339449	10	1.348555
Benzene	0.4	1.58061	0.5	1.484573	1	1.628864	2	1.645603	5	1.640637	10	1.704337
Bromobenzene	0.4	0.872733	0.5	0.9135854	1	1.030576	2	1.024715	5	0.9857867	10	1.04333
Bromochloromethane	0.4	0.294246	0.5	0.3241886	1	0.3752202	2	0.4061261	5	0.4255206	10	0.4268708
Bromodichloromethane	0.4	0.2928342	0.5	0.3004643	1	0.3838227	2	0.3855285	5	0.4027596	10	0.4159011
Bromoform			0.5	0.319884	1	0.4565927	2	0.4726873	5	0.5195616	10	0.5302586
Bromomethane							2	0.3582036	5	0.305726	10	0.2847553
2-Butanone (MEK)	4	0.1996559	5	0.1960318	10	0.2394114	20	0.2497464	50	0.2778149	100	0.2809742
tert-Butyl Alcohol (TBA)	4	6.974863E-02	5	6.059166E-02	10	6.774852E-02	20	7.291917E-02	50	6.977643E-02	100	7.362063E-02
n-Butylbenzene			0.5	1.074107	1	1.229302	2	1.442681	5	1.505298	10	1.602753
sec-Butylbenzene	0.4	1.800851	0.5	1.692398	1	2.174478	2	2.156456	5	2.111596	10	2.262527
tert-Butylbenzene	0.4	1.454685	0.5	1.320711	1	1.606914	2	1.597722	5	1.600215	10	1.65297
tert-Butyl Ethyl Ether (TBEE)	0.4	1.136545	0.5	1.175261	1	1.317558	2	1.357989	5	1.392616	10	1.454633
Carbon Disulfide	4	1.070224	5	1.047662	10	1.207455	20	1.278152	50	1.302909	100	1.339261
Carbon Tetrachloride	0.4	0.4425245	0.5	0.4100397	1	0.5109978	2	0.5149912	5	0.5297085	10	0.5463335
Chlorobenzene	0.4	1.363348	0.5	1.299771	1	1.479386	2	1.518184	5	1.568401	10	1.648763
Chlorodibromomethane	0.4	0.302932	0.5	0.2615113	1	0.3077744	2	0.3154275	5	0.3335198	10	0.3456485
Chloroethane	0.4	0.3431587	0.5	0.3434044	1	0.382391	2	0.3836943	5	0.3700846	10	0.3850966
2-Chloroethyl Vinyl Ether					10	0.1246265	20	0.129844	50	0.152713	100	0.1576571
Chloroform	0.4	0.6859322	0.5	0.6533362	1	0.7002447	2	0.7427606	5	0.7792626	10	0.7956987
Chloromethane	0.4	0.8388323	0.5	0.8169801	1	0.8360224	2	0.8037815	5	0.7304494	10	0.641401
2-Chlorotoluene	0.4	1.465493	0.5	1.538715	1	1.543378	2	1.617333	5	1.740921	10	1.845726
4-Chlorotoluene	0.4	1.47449	0.5	1.432374	1	1.93533	2	1.953204	5	1.913858	10	2.04178
Cyclohexane							2	0.8899794	5	0.7200859	10	0.6757271
1,2-Dibromo-3-chloropropane (DBCP)					1	0.1326683	2	0.1401352	5	0.1645137	10	0.1636918
1,2-Dibromoethane (EDB)	0.4	0.2089454	0.5	0.1998182	1	0.2743848	2	0.2940507	5	0.3106677	10	0.3204987
Dibromomethane	0.4	0.1558676	0.5	0.1642342	1	0.1849596	2	0.1879665	5	0.2023329	10	0.2146711

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

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SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2200537

Instrument: GCMSVOA3

Calibration Date: 8/8/2022 10:18:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,2-Dichlorobenzene	0.4	0.9617611	0.5	0.9632691	1	1.077844	2	1.202837	5	1.271961	10	1.286543
1,3-Dichlorobenzene	0.4	0.9387953	0.5	0.9588177	1	1.138336	2	1.184092	5	1.187706	10	1.268794
1,4-Dichlorobenzene	0.4	1.059226	0.5	1.090132	1	1.32233	2	1.240101	5	1.298012	10	1.265077
trans-1,4-Dichloro-2-butene					1	0.1831127	2	0.2335835	5	0.2120949	10	0.225333
Dichlorodifluoromethane (Freon 22)	0.4	0.380132	0.5	0.3347263	1	0.448643	2	0.4436171	5	0.4287707	10	0.4404408
1,1-Dichloroethane	0.4	0.6797699	0.5	0.7301992	1	0.7816178	2	0.7884871	5	0.7982727	10	0.8004482
1,2-Dichloroethane	0.4	0.3518671	0.5	0.3512084	1	0.405942	2	0.4227912	5	0.445066	10	0.4504847
1,1-Dichloroethylene	0.4	0.577323	0.5	0.5752334	1	0.6424106	2	0.6744455	5	0.6513734	10	0.6674
cis-1,2-Dichloroethylene	0.4	0.591188	0.5	0.5606666	1	0.6572199	2	0.6771906	5	0.6881979	10	0.7149877
trans-1,2-Dichloroethylene	0.4	0.5164711	0.5	0.585771	1	0.6332133	2	0.6004831	5	0.594251	10	0.6561584
Dichlorofluoromethane (Freon 21)	0.4	0.8053252	0.5	0.7162523	1	0.8344635	2	0.8550767	5	0.8552112	10	0.8733873
1,2-Dichloropropane	0.4	0.2783349	0.5	0.2434034	1	0.2769127	2	0.3126555	5	0.3082023	10	0.3181089
1,3-Dichloropropane	0.4	0.3598935	0.5	0.3987942	1	0.4565004	2	0.4981697	5	0.5055421	10	0.5286579
2,2-Dichloropropane	0.4	0.5056872	0.5	0.531533	1	0.6131039	2	0.6202483	5	0.6075581	10	0.6102824
1,1-Dichloropropene	0.4	0.48566	0.5	0.3973325	1	0.5463842	2	0.5438545	5	0.5573345	10	0.5687858
cis-1,3-Dichloropropene	0.4	0.3875976	0.5	0.3703691	1	0.4547098	2	0.4508316	5	0.464396	10	0.4893783
trans-1,3-Dichloropropene	0.4	0.2917986	0.5	0.3170982	1	0.3645473	2	0.3872877	5	0.4127665	10	0.4289665
Diethyl Ether	0.4	0.299638	0.5	0.2894763	1	0.3750643	2	0.3731843	5	0.3919462	10	0.3979727
Difluorochloromethane (Freon 21)	0.4	0.5488228	0.5	0.5005398	1	0.5307955	2	0.5661295	5	0.5688019	10	0.5842988
Diisopropyl Ether (DIPE)	0.4	1.300999	0.5	1.343554	1	1.493866	2	1.556817	5	1.573028	10	1.608036
1,4-Dioxane							20	3.848888E-03	50	4.479251E-03	100	4.414266E-03
Ethanol							20	1.444736E-02	50	9.302706E-03	100	9.869131E-03
Ethyl Acetate	0.4	0.6655198	0.5	0.6570553	1	0.7270573	2	0.6853477	5	0.5977464	10	0.6206604
Ethylbenzene	0.4	2.113295	0.5	1.970968	1	2.368142	2	2.457065	5	2.540927	10	2.703932
Hexachlorobutadiene			0.5	0.1744924	1	0.2261548	2	0.2957406	5	0.2959699	10	0.3045425
2-Hexanone (MBK)	4	0.2261115	5	0.213715	10	0.2509699	20	0.2522941	50	0.2827812	100	0.2978231
Iodomethane					10	0.3815024	20	0.4321345	50	0.4931354	100	0.5262144
Isopropylbenzene (Cumene)	0.4	1.987863	0.5	1.861613	1	2.188056	2	2.371013	5	2.374954	10	2.517328
p-Isopropyltoluene (p-Cymene)	0.4	1.558311	0.5	1.511674	1	1.786784	2	1.817128	5	1.863428	10	1.88396
Methyl Acetate	0.4	0.876961	0.5	0.6833995	1	0.7487256	2	0.7121718	5	0.7182462	10	0.6812939

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

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SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2200537

Instrument: GCMSVOA3

Calibration Date: 8/8/2022 10:18:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Methyl tert-Butyl Ether (MTBE)	0.4	1.163119	0.5	1.27041	1	1.413272	2	1.390696	5	1.405064	10	1.487417
Methyl Cyclohexane	0.4	0.2726388	0.5	0.2316123	1	0.3277871	2	0.3420286	5	0.3272422	10	0.3352233
Methylene Chloride	0.4	0.5715459	0.5	0.5867008	1	0.6589347	2	0.641582	5	0.6709968	10	0.6763439
4-Methyl-2-pentanone (MIBK)	4	0.3450835	5	0.3391014	10	0.3708144	20	0.377916	50	0.4085731	100	0.4246754
Naphthalene							2	1.428566	5	1.653864	10	1.86344
n-Propylbenzene	0.4	2.060899	0.5	2.074726	1	2.500883	2	2.544848	5	2.641219	10	2.795744
Styrene	0.4	1.231035	0.5	1.319575	1	1.473765	2	1.548925	5	1.662313	10	1.808054
1,1,1,2-Tetrachloroethane	0.4	0.4673276	0.5	0.4662644	1	0.5670657	2	0.5497547	5	0.5828648	10	0.6039109
1,1,2,2-Tetrachloroethane	0.4	0.7187213	0.5	0.6845432	1	0.8210886	2	0.9206956	5	0.9432509	10	0.9653231
Tetrachloroethylene	0.4	0.1840894	0.5	0.2185578	1	0.2619558	2	0.2874938	5	0.2953985	10	0.2979786
Tetrahydrofuran					1	0.1585372	2	0.1684741	5	0.1808417	10	0.1969971
Toluene	0.4	1.05353	0.5	1.052572	1	1.138091	2	1.194808	5	1.170137	10	1.211481
1,2,3-Trichlorobenzene					1	0.4834718	2	0.5219218	5	0.6352284	10	0.6413806
1,2,4-Trichlorobenzene					1	0.4642246	2	0.5458611	5	0.6231059	10	0.6705392
1,3,5-Trichlorobenzene			0.5	0.4389017	1	0.6745692	2	0.6778659	5	0.7523267	10	0.7617107
1,1,1-Trichloroethane	0.4	0.5103089	0.5	0.5507487	1	0.6065566	2	0.6265229	5	0.6505149	10	0.6682944
1,1,2-Trichloroethane	0.4	0.2252571	0.5	0.2038188	1	0.2627985	2	0.2814166	5	0.2904676	10	0.2906006
Trichloroethylene	0.4	0.2353548	0.5	0.2111883	1	0.2678543	2	0.2828559	5	0.2696666	10	0.2903711
Trichlorofluoromethane (Freon 11)	0.4	0.5842555	0.5	0.4977504	1	0.6218335	2	0.6572686	5	0.6453944	10	0.673414
1,2,3-Trichloropropane	0.4	0.6102251	0.5	0.7999254	1	0.8446533	2	0.6889522	5	0.7218566	10	0.7028892
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4	0.3396924	0.5	0.2823478	1	0.3926795	2	0.3996946	5	0.3885121	10	0.386176
1,2,4-Trimethylbenzene	0.4	1.721311	0.5	1.658568	1	1.947177	2	1.914918	5	1.948587	10	2.086244
1,3,5-Trimethylbenzene	0.4	1.710536	0.5	1.525369	1	1.804752	2	1.824289	5	1.914609	10	2.046769
Vinyl Acetate	4	1.056397	5	1.030151	10	1.235202	20	1.296953	50	1.366532	100	1.417923
Vinyl Chloride	0.4	0.4791126	0.5	0.4280158	1	0.5000857	2	0.5143637	5	0.5383857	10	0.5375438
m+p Xylene	0.8	1.593042	1	1.612982	2	1.824641	4	1.969007	10	1.938837	20	2.066525
o-Xylene	0.4	1.643321	0.5	1.622669	1	1.956301	2	2.041312	5	2.094468	10	2.2272
1,2-Dichloroethane-d4	25	0.5744299	25	0.5666049	25	0.5687509	25	0.5742991	25	0.5695746	25	0.5703371
Toluene-d8	25	1.19338	25	1.185863	25	1.168675	25	1.181205	25	1.195803	25	1.194198
4-Bromofluorobenzene	25	0.8774963	25	0.8873316	25	0.8698178	25	0.8772521	25	0.8944266	25	0.8769361

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

170

SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2200537

Instrument: GCMSVOA3

Calibration Date: 8/8/2022 10:18:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Acetone	200	0.1810109	500	0.1787821	1000	0.1758926	2000	0.1749453				
Acrolein	200	9.797075E-02	500	0.0957349	1000	0.1010301	2000	0.1089096				
Acrylonitrile	20	0.2325875	50	0.2469831	100	0.2505761	200	0.2535139				
tert-Amyl Methyl Ether (TAME)	20	1.418358	50	1.442062	100	1.444687	200	1.471992				
Benzene	20	1.751483	50	1.746032	100	1.740147	200	1.754166				
Bromobenzene	20	1.101743	50	1.128908	100	1.15561	200	1.193408				
Bromochloromethane	20	0.4355634	50	0.4115939	100	0.3655887	200	0.3280994				
Bromodichloromethane	20	0.4275677	50	0.4397246	100	0.4377103	200	0.4539452				
Bromoform	20	0.5651722	50	0.5913464	100	0.6165399	200	0.6393994				
Bromomethane	20	0.2396955	50	0.3519376	100	0.3065038	200	0.3088966				
2-Butanone (MEK)	200	0.2894437	500	0.2990833	1000	0.2974443	2000	0.304489				
tert-Butyl Alcohol (TBA)	200	7.492953E-02	500	7.608853E-02	1000	7.627423E-02	2000	7.663326E-02				
n-Butylbenzene	20	1.717598	50	1.778443	100	1.783658	200	1.813523				
sec-Butylbenzene	20	2.315684	50	2.328897	100	2.286265	200	2.304764				
tert-Butylbenzene	20	1.725328	50	1.717742	100	1.692573	200	1.697572				
tert-Butyl Ethyl Ether (TBEE)	20	1.478033	50	1.50443	100	1.500669	200	1.515914				
Carbon Disulfide	200	1.386367	500	1.372749	1000	1.357673						
Carbon Tetrachloride	20	0.5693897	50	0.5835041	100	0.581051	200	0.59375				
Chlorobenzene	20	1.68339	50	1.731779	100	1.727886	200	1.742896				
Chlorodibromomethane	20	0.3583264	50	0.3697259	100	0.3748433	200	0.3941981				
Chloroethane	20	0.3662299	50	0.3575274	100	0.3402515	200	0.3293663				
2-Chloroethyl Vinyl Ether	200	0.1732422	500	0.18249	1000	0.1856442	2000	0.1985999				
Chloroform	20	0.8058299	50	0.8122728	100	0.803669	200	0.8123524				
Chloromethane	20	0.6138682	50	0.5835993	100	0.5945298	200	0.6359343				
2-Chlorotoluene	20	1.878196	50	1.932696	100	1.922132	200	1.97908				
4-Chlorotoluene	20	2.170431	50	2.236237	100	2.295302	200	2.398622				
Cyclohexane	20	0.6877821	50	0.6667298	100	0.6580311	200	0.657749				
1,2-Dibromo-3-chloropropane (DBCP)	20	0.1707952	50	0.1784092	100	0.184302	200	0.184928				
1,2-Dibromoethane (EDB)	20	0.3368415	50	0.3418306	100	0.3454023	200	0.3605203				
Dibromomethane	20	0.217448	50	0.2225062	100	0.2197977	200	0.2273191				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

171

SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2200537

Instrument: GCMSVOA3

Calibration Date: 8/8/2022 10:18:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,2-Dichlorobenzene	20	1.327007	50	1.341933	100	1.343828	200	1.359352				
1,3-Dichlorobenzene	20	1.294069	50	1.321151	100	1.315974	200	1.323238				
1,4-Dichlorobenzene	20	1.339288	50	1.352862	100	1.354521	200	1.386405				
trans-1,4-Dichloro-2-butene	20	0.2389417	50	0.2672585	100	0.2750189	200	0.2825371				
Dichlorodifluoromethane (Freon 22)	20	0.4726812	50	0.4720054	100	0.4620744	200	0.4580031				
1,1-Dichloroethane	20	0.8245803	50	0.8331632	100	0.8174644	200	0.8252576				
1,2-Dichloroethane	20	0.4587872	50	0.4661477	100	0.4578085	200	0.4661431				
1,1-Dichloroethylene	20	0.6933889	50	0.6880424	100	0.6675056	200	0.6660487				
cis-1,2-Dichloroethylene	20	0.7347194	50	0.7454895	100	0.7434478	200	0.7512378				
trans-1,2-Dichloroethylene	20	0.629731	50	0.6609526	100	0.6481576	200	0.6536793				
Dichlorofluoromethane (Freon 21)	20	0.8904211	50	0.8724643	100	0.8531753	200	0.8473825				
1,2-Dichloropropane	20	0.3192734	50	0.3346675	100	0.326992	200	0.3447291				
1,3-Dichloropropane	20	0.5428413	50	0.5581388	100	0.5542633	200	0.5721622				
2,2-Dichloropropane	20	0.619092	50	0.6725158	100	0.6531247	200	0.6551492				
1,1-Dichloropropene	20	0.5914566	50	0.590646	100	0.592957	200	0.5993243				
cis-1,3-Dichloropropene	20	0.5066113	50	0.5329659	100	0.5279705	200	0.5497739				
trans-1,3-Dichloropropene	20	0.4476515	50	0.4661945	100	0.469724	200	0.494503				
Diethyl Ether	20	0.4044277	50	0.3999504	100	0.3928471	200	0.3891104				
Difluorochloromethane (Freon 21)	20	0.6141899	50	0.6086493	100	0.5969917	200	0.6016047				
Diisopropyl Ether (DIPE)	20	1.662618	50	1.681104	100	1.67452	200	1.690981				
1,4-Dioxane	200	5.007413E-03	500	4.992229E-03	1000	4.966866E-03	2000	5.412238E-03				
Ethanol	200	1.028131E-02	500	9.800591E-03	1000	9.414962E-03	2000	9.453498E-03				
Ethyl Acetate	20	0.6125814	50	0.6419027	100	0.6577116	200	0.6405164				
Ethylbenzene	20	2.76132	50	2.853386	100	2.849683	200	2.87192				
Hexachlorobutadiene	20	0.3142774	50	0.3087043	100	0.3190778	200	0.3286969				
2-Hexanone (MBK)	200	0.3154004	500	0.3272563	1000	0.3316082	2000	0.3455153				
Iodomethane	200	0.577763	500	0.6189346	1000	0.6455201	2000	0.660844				
Isopropylbenzene (Cumene)	20	2.584254	50	2.678198	100	2.662854	200	2.726081				
p-Isopropyltoluene (p-Cymene)	20	1.974552	50	2.011394	100	1.99889	200	2.015096				
Methyl Acetate	20	0.6950739	50	0.669153	100	0.6544937	200	0.6491057				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

172

SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2200537

Instrument: GCMSVOA3

Calibration Date: 8/8/2022 10:18:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Methyl tert-Butyl Ether (MTBE)	20	1.461741	50	1.535596	100	1.49686	200	1.5039				
Methyl Cyclohexane	20	0.3625505	50	0.3712061	100	0.3652758	200	0.372607				
Methylene Chloride	20	0.6834239	50	0.6604383	100	0.6456928	200	0.6321265				
4-Methyl-2-pentanone (MIBK)	200	0.4458509	500	0.4594866	1000	0.4598359	2000	0.4807751				
Naphthalene	20	2.061553	50	2.366484	100	2.436525	200	2.44123				
n-Propylbenzene	20	2.923039	50	3.043173	100	3.046953	200	3.150196				
Styrene	20	1.868234	50	1.940366	100	1.951764	200	2.027108				
1,1,1,2-Tetrachloroethane	20	0.6332262	50	0.6503205	100	0.6525668	200	0.6707237				
1,1,2,2-Tetrachloroethane	20	1.001356	50	1.035623	100	1.036847	200	1.049987				
Tetrachloroethylene	20	0.3061689	50	0.3159858	100	0.3162456	200	0.3242048				
Tetrahydrofuran	20	0.1911038	50	0.1999544	100	0.2000376	200	0.2048099				
Toluene	20	1.263838	50	1.288627	100	1.271498	200	1.306984				
1,2,3-Trichlorobenzene	20	0.6948166	50	0.7725901	100	0.781866	200	0.7794507				
1,2,4-Trichlorobenzene	20	0.718192	50	0.7853718	100	0.8043983	200	0.82126				
1,3,5-Trichlorobenzene	20	0.8118502	50	0.8361906	100	0.8513403	200	0.8670792				
1,1,1-Trichloroethane	20	0.6745466	50	0.6779332	100	0.6740426	200	0.6826553				
1,1,2-Trichloroethane	20	0.3014292	50	0.3098672	100	0.3098774	200	0.3215206				
Trichloroethylene	20	0.2970176	50	0.3055363	100	0.2997401	200	0.3087742				
Trichlorofluoromethane (Freon 11)	20	0.6979003	50	0.6873674	100	0.6691811	200	0.6570662				
1,2,3-Trichloropropane	20	0.7440779	50	0.7903051	100	0.7958581	200	0.828061				
1,1,2-Trichloro-1,2,2-trifluoroethane	20	0.4042439	50	0.4001972	100	0.3956299	200	0.386297				
1,2,4-Trimethylbenzene	20	2.090814	50	2.143732	100	2.114989	200	2.121372				
1,3,5-Trimethylbenzene	20	2.100422	50	2.19535	100	2.200627	200	2.313521				
Vinyl Acetate	200	1.457975	500	1.484021	1000	1.474087	2000	1.306462				
Vinyl Chloride	20	0.567628	50	0.5608506	100	0.5497029	200	0.5458885				
m+p Xylene	40	2.133801	100	2.248885	200	2.229151	400	2.285227				
o-Xylene	20	2.282851	50	2.34778	100	2.339416	200	2.391261				
1,2-Dichloroethane-d4	25	0.5610286	25	0.5524272	25	0.5494297	25	0.5426527				
Toluene-d8	25	1.198554	25	1.19135	25	1.179521	25	1.192773				
4-Bromofluorobenzene	25	0.8912293	25	0.8943519	25	0.9015015	25	0.9241038				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Calibration:	2200537	Instrument:	GCMSVOA3
		Calibration Date:	8/8/2022 10:18:58AM

COMPOUND	Mean RF	RF RSD	Linear r ²	Quad COD	LIMIT	Q
Acetone	0.1820924	3.7			20	
Acrolein	9.146822E-02	11.1			20	
Acrylonitrile	0.22594	12.8			20	
tert-Amyl Methyl Ether (TAME)	1.312452	11.5			20	
Benzene	1.667645	5.3			20	
Bromobenzene	1.045039	9.9			20	
Bromochloromethane	0.3793018	13.2			20	
Bromodichloromethane	0.3940258	14.3			20	
Bromoform	0.5234936	18.7			20	
Bromomethane	0.3079598	13.0			20	
2-Butanone (MEK)	0.2634095	15.3			20	
tert-Butyl Alcohol (TBA)	7.183306E-02	7.0			20	
n-Butylbenzene	1.549707	16.9			20	
sec-Butylbenzene	2.143392	10.4			20	
tert-Butylbenzene	1.606643	8.0			20	
tert-Butyl Ethyl Ether (TBEE)	1.383365	9.9			20	
Carbon Disulfide	1.262495	10.1			20	
Carbon Tetrachloride	0.528229	11.6			20	
Chlorobenzene	1.57638	10.1			20	
Chlorodibromomethane	0.3363907	11.9			20	
Chloroethane	0.3601205	5.7			20	
2-Chloroethyl Vinyl Ether	0.1631021	16.3			20	
Chloroform	0.7591359	7.8			20	
Chloromethane	0.7095398	15.0			20	
2-Chlorotoluene	1.746367	10.9			20	
4-Chlorotoluene	1.985163	16.3			20	
Cyclohexane	0.7080121	11.7			20	
1,2-Dibromo-3-chloropropane (DBCP)	0.1649304	11.8			20	
1,2-Dibromoethane (EDB)	0.299296	18.8			20	
Dibromomethane	0.1997103	12.7			20	
1,2-Dichlorobenzene	1.213634	12.9			20	

6 - FORM VI INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Calibration:	2200537	Instrument:	GCMSVOA3
		Calibration Date:	8/8/2022 10:18:58AM

COMPOUND	Mean RF	RF RSD	Linear r ²	Quad COD	LIMIT	Q
1,3-Dichlorobenzene	1.193097	12.1			20	
1,4-Dichlorobenzene	1.270795	8.8			20	
trans-1,4-Dichloro-2-butene	0.239735	14.1			20	
Dichlorodifluoromethane (Freon 12)	0.4341094	10.1			20	
1,1-Dichloroethane	0.787926	6.1			20	
1,2-Dichloroethane	0.4276246	10.4			20	
1,1-Dichloroethylene	0.6503172	6.4			20	
cis-1,2-Dichloroethylene	0.6864345	9.7			20	
trans-1,2-Dichloroethylene	0.6178868	7.3			20	
Dichlorofluoromethane (Freon 21)	0.8403159	5.9			20	
1,2-Dichloropropane	0.306328	10.1			20	
1,3-Dichloropropane	0.4974963	14.4			20	
2,2-Dichloropropane	0.6088295	8.7			20	
1,1-Dichloropropene	0.5473735	11.5			20	
cis-1,3-Dichloropropene	0.4734604	12.7			20	
trans-1,3-Dichloropropene	0.4080538	16.5			20	
Diethyl Ether	0.3713617	11.2			20	
Difluorochloromethane (Freon 22)	0.5720824	6.4			20	
Diisopropyl Ether (DIPE)	1.558552	9.0			20	
1,4-Dioxane	4.731593E-03	10.9			20	
Ethanol	1.036708E-02	17.7			20	
Ethyl Acetate	0.6506099	5.8			20	
Ethylbenzene	2.549064	12.6			20	
Hexachlorobutadiene	0.2852952	17.9			20	
2-Hexanone (MBK)	0.2843475	16.4			20	
Iodomethane	0.5420061	18.8			20	
Isopropylbenzene (Cumene)	2.395221	12.5			20	
p-Isopropyltoluene (p-Cymene)	1.842122	9.9			20	
Methyl Acetate	0.7088624	9.4			20	
Methyl tert-Butyl Ether (MTBE)	1.412808	8.2			20	
Methyl Cyclohexane	0.3308172	13.9			20	

6 - FORM VI INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Calibration:	2200537	Instrument:	GCMSVOA3
		Calibration Date:	8/8/2022 10:18:58AM

COMPOUND	Mean RF	RF RSD	Linear r ²	Quad COD	LIMIT	Q
Methylene Chloride	0.6427786	5.8			20	
4-Methyl-2-pentanone (MIBK)	0.4112112	12.4			20	
Naphthalene	2.035952	19.8			20	
n-Propylbenzene	2.678168	14.5			20	
Styrene	1.683114	16.6			20	
1,1,1,2-Tetrachloroethane	0.5844025	12.5			20	
1,1,2,2-Tetrachloroethane	0.9177436	14.5			20	
Tetrachloroethylene	0.2808079	16.4			20	
Tetrahydrofuran	0.1875945	8.9			20	
Toluene	1.195157	7.7			20	
1,2,3-Trichlorobenzene	0.6638408	17.5			20	
1,2,4-Trichlorobenzene	0.6791191	18.9			20	
1,3,5-Trichlorobenzene	0.7413149	18.0			20	
1,1,1-Trichloroethane	0.6322124	9.4			20	
1,1,2-Trichloroethane	0.2797054	13.7			20	
Trichloroethylene	0.2768359	11.5			20	
Trichlorofluoromethane (Freon 11)	0.6391431	9.3			20	
1,2,3-Trichloropropane	0.7526804	9.7			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.377547	10.1			20	
1,2,4-Trimethylbenzene	1.974771	8.7			20	
1,3,5-Trimethylbenzene	1.963624	12.7			20	
Vinyl Acetate	1.31257	12.5			20	
Vinyl Chloride	0.5221577	8.2			20	
m+p Xylene	1.99021	12.6			20	
o-Xylene	2.094658	13.4			20	
1,2-Dichloroethane-d4	0.5629535	2.0			20	
Toluene-d8	1.188132	0.8			20	
4-Bromofluorobenzene	0.8894447	1.8			20	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

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SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2301046

Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Acetone	4	0.200419	5	0.1791849	10	0.1779575	20	0.1838763	50	0.1976128	100	0.1934696
Acrolein	4	0.1240138	5	0.1057721	10	0.1147731	20	0.1121856	50	0.1136431	100	0.1171869
Acrylonitrile					1	0.1882409	2	0.2161533	5	0.2354363	10	0.2444118
tert-Amyl Methyl Ether (TAME)	0.4	1.145026	0.5	1.072565	1	1.253146	2	1.256695	5	1.367421	10	1.39338
Benzene	0.4	1.716751	0.5	1.566648	1	1.694383	2	1.805026	5	1.896484	10	1.913725
Bromobenzene	0.4	0.9944869	0.5	0.7901714	1	1.0024	2	0.9975404	5	1.063352	10	1.045242
Bromochloromethane					1	0.1996429	2	0.2305347	5	0.2320692	10	0.2475048
Bromodichloromethane	0.4	0.3199887	0.5	0.2890816	1	0.3405823	2	0.3452222	5	0.3716128	10	0.3771639
Bromoform					1	0.3398404	2	0.3411606	5	0.392839	10	0.3967009
Bromomethane							2	0.3463427	5	0.2901297	10	0.2866168
2-Butanone (MEK)	4	0.2711489	5	0.2654481	10	0.2764667	20	0.2814102	50	0.3003561	100	0.3081844
tert-Butyl Alcohol (TBA)			5	5.208024E-02	10	5.664436E-02	20	5.892042E-02	50	6.291252E-02	100	6.574681E-02
n-Butylbenzene	0.4	1.910919	0.5	1.610532	1	1.86657	2	1.956932	5	2.113256	10	2.220442
sec-Butylbenzene	0.4	2.675618	0.5	2.30233	1	2.481833	2	2.591794	5	2.777995	10	2.839514
tert-Butylbenzene	0.4	1.811128	0.5	1.652312	1	1.820025	2	1.920409	5	1.974312	10	2.048275
tert-Butyl Ethyl Ether (TBEE)	0.4	1.490268	0.5	1.239662	1	1.539703	2	1.559569	5	1.617362	10	1.698028
Carbon Disulfide	4	1.07272	5	0.9815514	10	1.075985	20	1.127176	50	1.19261	100	1.23542
Carbon Tetrachloride	0.4	0.6973151	0.5	0.6577887	1	0.6750855	2	0.6608949	5	0.6963372	10	0.6842521
Chlorobenzene	0.4	1.472855	0.5	1.32942	1	1.523066	2	1.553036	5	1.671069	10	1.703564
Chlorodibromomethane	0.4	0.2866825	0.5	0.2434108	1	0.2670935	2	0.3017708	5	0.3126992	10	0.3246805
Chloroethane	0.4	0.3977902	0.5	0.3151109	1	0.3848719	2	0.3516411	5	0.3496147	10	0.3689429
2-Chloroethyl Vinyl Ether	4	0.1930516	5	0.1791453	10	0.2044127	20	0.213497	50	0.2260674	100	0.2283867
Chloroform	0.4	0.7109777	0.5	0.6264049	1	0.6918658	2	0.7502109	5	0.8311498	10	0.8170312
Chloromethane	0.4	0.8749282	0.5	0.8299758	1	0.9341049	2	0.9694999	5	0.936522	10	0.9580802
2-Chlorotoluene	0.4	1.895188	0.5	1.695389	1	1.826789	2	1.902037	5	2.060949	10	1.986804
4-Chlorotoluene	0.4	2.108713	0.5	1.991762	1	2.16616	2	2.186126	5	2.345621	10	2.350006
Cyclohexane							2	1.298974	5	1.161296	10	1.159958
1,2-Dibromo-3-chloropropane (DBCP)					1	8.637922E-02	2	0.1006806	5	0.1211245	10	0.1161121
1,2-Dibromoethane (EDB)	0.4	0.2197588	0.5	0.2077774	1	0.2554367	2	0.2556154	5	0.2817522	10	0.2868854
Dibromomethane			0.5	0.119196	1	0.1506519	2	0.1560103	5	0.1673028	10	0.1717515

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

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SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2301046

Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,2-Dichlorobenzene	0.4	1.05084	0.5	0.9099372	1	1.08656	2	1.109546	5	1.187726	10	1.21264
1,3-Dichlorobenzene	0.4	1.15008	0.5	1.028242	1	1.154321	2	1.219005	5	1.241654	10	1.291353
1,4-Dichlorobenzene	0.4	1.278541	0.5	1.132914	1	1.232473	2	1.277202	5	1.313869	10	1.331876
trans-1,4-Dichloro-2-butene							2	0.2400461	5	0.2678576	10	0.2650594
Dichlorodifluoromethane (Freon 11)	0.4	0.5055141	0.5	0.4020527	1	0.4463998	2	0.497185	5	0.5122272	10	0.534999
1,1-Dichloroethane	0.4	0.8171251	0.5	0.726918	1	0.8112643	2	0.8795352	5	0.9385509	10	0.9444578
1,2-Dichloroethane	0.4	0.3181211	0.5	0.2594709	1	0.3476777	2	0.3510703	5	0.3990827	10	0.3933011
1,1-Dichloroethylene	0.4	0.6878565	0.5	0.583146	1	0.6333498	2	0.6933341	5	0.7182232	10	0.7584618
cis-1,2-Dichloroethylene	0.4	0.7030954	0.5	0.6734806	1	0.7342469	2	0.8227666	5	0.8457404	10	0.8854498
trans-1,2-Dichloroethylene	0.4	0.6910093	0.5	0.5636371	1	0.6690618	2	0.6790608	5	0.7309145	10	0.7795205
Dichlorofluoromethane (Freon 22)	0.4	0.8024116	0.5	0.6938377	1	0.7598477	2	0.7838395	5	0.7935939	10	0.8578981
1,2-Dichloropropane	0.4	0.2483959	0.5	0.238392	1	0.2852123	2	0.3088764	5	0.3237766	10	0.3340356
1,3-Dichloropropane	0.4	0.3990521	0.5	0.3282281	1	0.4049482	2	0.4365898	5	0.452408	10	0.466106
2,2-Dichloropropane	0.4	0.6316298	0.5	0.5780567	1	0.6410946	2	0.6581916	5	0.6902506	10	0.7195253
1,1-Dichloropropene	0.4	0.6789233	0.5	0.5721193	1	0.602801	2	0.6497574	5	0.6701776	10	0.7003312
cis-1,3-Dichloropropene	0.4	0.390959	0.5	0.3636105	1	0.4283886	2	0.4442614	5	0.4798033	10	0.5018152
trans-1,3-Dichloropropene	0.4	0.3336847	0.5	0.2951042	1	0.3557868	2	0.3822597	5	0.4084463	10	0.4260877
Diethyl Ether	0.4	0.3247481	0.5	0.2905127	1	0.3386184	2	0.354885	5	0.3589821	10	0.3746902
Difluorochloromethane (Freon 21)	0.4	0.627426	0.5	0.6633021	1	0.7166061	2	0.7512922	5	0.796443	10	0.8302367
Diisopropyl Ether (DIPE)	0.4	1.97161	0.5	1.681157	1	1.918121	2	1.947218	5	2.077141	10	2.167943
1,4-Dioxane									50	3.362945E-03	100	3.743287E-03
Ethanol									50	9.203341E-03	100	8.318161E-03
Ethyl Acetate							2	0.7443718	5	0.820142	10	0.8015224
Ethylbenzene	0.4	2.636629	0.5	2.259256	1	2.621626	2	2.630707	5	2.870909	10	2.854885
Hexachlorobutadiene			0.5	0.2163795	1	0.2764568	2	0.2819924	5	0.3074044	10	0.3214851
2-Hexanone (MBK)	4	0.2666054	5	0.241604	10	0.2741256	20	0.2768506	50	0.3034623	100	0.3116183
Iodomethane					10	0.4527892	20	0.5200979	50	0.5991064	100	0.6544761
Isopropylbenzene (Cumene)	0.4	2.924476	0.5	2.462362	1	2.648597	2	2.798232	5	3.002137	10	2.983989
p-Isopropyltoluene (p-Cymene)	0.4	2.385065	0.5	2.060443	1	2.239365	2	2.403329	5	2.500872	10	2.596635
Methyl Acetate					1	0.488996	2	0.5036728	5	0.5709352	10	0.568978

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

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SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2301046

Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Methyl tert-Butyl Ether (MTBE)	0.4	1.104564	0.5	0.970355	1	1.163651	2	1.172137	5	1.254624	10	1.301358
Methyl Cyclohexane	0.4	0.4609954	0.5	0.4087795	1	0.4582909	2	0.4799155	5	0.4831315	10	0.5193638
Methylene Chloride	0.4	0.8397209	0.5	0.7498198	1	0.8168578	2	0.7970315	5	0.8386609	10	0.8383092
4-Methyl-2-pentanone (MIBK)	4	0.3496842	5	0.3254427	10	0.3635411	20	0.3724942	50	0.4048697	100	0.409321
Naphthalene	0.4	1.501279	0.5	1.2908	1	1.52993	2	1.523214	5	1.667588	10	1.685925
n-Propylbenzene	0.4	3.192857	0.5	2.939589	1	3.061847	2	3.256649	5	3.521273	10	3.524351
Styrene	0.4	1.617368	0.5	1.453934	1	1.637754	2	1.686088	5	1.886792	10	1.895144
1,1,1,2-Tetrachloroethane	0.4	0.4718799	0.5	0.4152069	1	0.4789193	2	0.527133	5	0.5999202	10	0.6080517
1,1,2,2-Tetrachloroethane	0.4	0.5273258	0.5	0.5383013	1	0.6114312	2	0.628824	5	0.680423	10	0.7028031
Tetrachloroethylene	0.4	0.2309646	0.5	0.1912155	1	0.2407389	2	0.255301	5	0.2708735	10	0.2792539
Tetrahydrofuran					1	0.2129811	2	0.2252363	5	0.226846	10	0.2307895
Toluene	0.4	1.283379	0.5	1.075273	1	1.198627	2	1.258646	5	1.264482	10	1.319993
1,2,3-Trichlorobenzene	0.4	0.4079862	0.5	0.4494711	1	0.5005232	2	0.51294	5	0.5551397	10	0.5687715
1,2,4-Trichlorobenzene	0.4	0.5215608	0.5	0.5391895	1	0.6035721	2	0.6378967	5	0.679624	10	0.7140025
1,3,5-Trichlorobenzene	0.4	0.7316186	0.5	0.6667302	1	0.7133321	2	0.7461635	5	0.824395	10	0.8308634
1,1,1-Trichloroethane	0.4	0.6484453	0.5	0.5381908	1	0.6606716	2	0.6890089	5	0.7523257	10	0.7720841
1,1,2-Trichloroethane	0.4	0.1982809	0.5	0.1897098	1	0.2304759	2	0.2310285	5	0.2513267	10	0.2594571
Trichloroethylene	0.4	0.2636483	0.5	0.226096	1	0.2641793	2	0.2796363	5	0.2971263	10	0.307619
Trichlorofluoromethane (Freon 11)	0.4	0.56647	0.5	0.5034141	1	0.544285	2	0.6143987	5	0.6617168	10	0.6955053
1,2,3-Trichloropropane					1	0.1791843	2	0.1812452	5	0.2154415	10	0.2236013
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4	0.3547006	0.5	0.2705798	1	0.3513112	2	0.3715371	5	0.3995597	10	0.4173558
1,2,3-Trimethylbenzene	0.4	2.227384	0.5	1.964127	1	2.206242	2	2.219417	5	2.350147	10	2.381613
1,2,4-Trimethylbenzene	0.4	2.152954	0.5	1.886723	1	1.966588	2	2.148214	5	2.239485	10	2.29064
1,3,5-Trimethylbenzene	0.4	2.20132	0.5	1.987975	1	2.257628	2	2.32402	5	2.489107	10	2.497266
Vinyl Acetate	4	1.376501	5	1.254845	10	1.442484	20	1.390009	50	1.394043	100	1.569919
Vinyl Chloride	0.4	0.5790816	0.5	0.5203783	1	0.5780608	2	0.6215353	5	0.6603354	10	0.7007261
m+p Xylene	0.8	2.073617	1	1.899915	2	2.100256	4	2.125307	10	2.222565	20	2.20699
o-Xylene	0.4	2.109303	0.5	1.888079	1	2.103305	2	2.132168	5	2.248115	10	2.276664
1,2-Dichloroethane-d4	25	0.5899023	25	0.6125535	25	0.6289439	25	0.6366304	25	0.6378796	25	0.6219931
Toluene-d8	25	1.222845	25	1.254885	25	1.273539	25	1.262243	25	1.248865	25	1.256785

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

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SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2301046

Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
4-Bromofluorobenzene	25	0.9454397	25	0.9506486	25	0.9524818	25	0.9414881	25	0.9692001	25	0.9410728

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

180

SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2301046

Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Acetone	200	0.1933775	500	0.1967145	1000	0.1873683	2000	0.1768922				
Acrolein	200	0.1200056	500	0.1164393	1000	0.1231035	2000	0.1182626				
Acrylonitrile	20	0.261683	50	0.2544653	100	0.2685838	200	0.2528694				
tert-Amyl Methyl Ether (TAME)	20	1.456673	50	1.446414	100	1.502112	200	1.487781				
Benzene	20	2.102228	50	1.953372	100	2.052023	200	2.023564				
Bromobenzene	20	1.08041	50	1.050459	100	1.078511	200	1.073008				
Bromochloromethane	20	0.2619872	50	0.2503323	100	0.2513794	200	0.2264646				
Bromodichloromethane	20	0.4013462	50	0.3860845	100	0.395995	200	0.4060709				
Bromoform	20	0.4087775	50	0.4157874	100	0.4307507	200	0.4280266				
Bromomethane	20	0.2595418	50	0.3104936	100	0.2922253	200	0.2578417				
2-Butanone (MEK)	200	0.3160637	500	0.3115867	1000	0.3200659	2000	0.3026752				
tert-Butyl Alcohol (TBA)	200	6.679732E-02	500	6.666038E-02	1000	6.958869E-02	2000	6.596394E-02				
n-Butylbenzene	20	2.325894	50	2.222035	100	2.252412	200	2.212797				
sec-Butylbenzene	20	2.963676	50	2.862727	100	2.903167	200	2.88477				
tert-Butylbenzene	20	2.152838	50	2.080109	100	2.1039	200	2.094731				
tert-Butyl Ethyl Ether (TBEE)	20	1.777806	50	1.701558	100	1.761548	200	1.742905				
Carbon Disulfide	200	1.355552	500	1.067794	1000	1.101646	2000	1.071355				
Carbon Tetrachloride	20	0.7465659	50	0.7217485	100	0.7550498	200	0.7424446				
Chlorobenzene	20	1.756043	50	1.70406	100	1.744231	200	1.731042				
Chlorodibromomethane	20	0.337005	50	0.3420326	100	0.3564261	200	0.3662332				
Chloroethane	20	0.3830646	50	0.3495134	100	0.3572286	200	0.312699				
2-Chloroethyl Vinyl Ether	200	0.2297878	500	0.2136123	1000	0.2104371	2000	0.2024556				
Chloroform	20	0.8756582	50	0.8675794	100	0.8913801	200	0.8793604				
Chloromethane	20	0.9915873	50	0.8596268	100	0.9163165	200	0.9453983				
2-Chlorotoluene	20	2.060286	50	1.989536	100	2.042191	200	2.010647				
4-Chlorotoluene	20	2.425429	50	2.334527	100	2.394053	200	2.351881				
Cyclohexane	20	1.224967	50	1.077218	100	1.078502	200	1.061062				
1,2-Dibromo-3-chloropropane (DBCP)	20	0.1197235	50	0.1215377	100	0.1222452	200	0.1171119				
1,2-Dibromoethane (EDB)	20	0.3014339	50	0.2963732	100	0.3020256	200	0.3081463				
Dibromomethane	20	0.1765929	50	0.1733793	100	0.1791185	200	0.1806728				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

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SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2301046

Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,2-Dichlorobenzene	20	1.254895	50	1.217865	100	1.218751	200	1.203459				
1,3-Dichlorobenzene	20	1.350931	50	1.290148	100	1.313862	200	1.307369				
1,4-Dichlorobenzene	20	1.371933	50	1.336175	100	1.336584	200	1.339097				
trans-1,4-Dichloro-2-butene	20	0.2750733	50	0.2799929	100	0.2890964	200	0.2814253				
Dichlorodifluoromethane (Freon 11)	20	0.5742752	50	0.5343125	100	0.5422837	200	0.52743				
1,1-Dichloroethane	20	1.03867	50	0.9740024	100	1.021635	200	1.00492				
1,2-Dichloroethane	20	0.4161522	50	0.3934661	100	0.406626	200	0.4074285				
1,1-Dichloroethylene	20	0.8264456	50	0.7504593	100	0.7740368	200	0.7578697				
cis-1,2-Dichloroethylene	20	0.9258887	50	0.8700853	100	0.900045	200	0.889233				
trans-1,2-Dichloroethylene	20	0.8310673	50	0.7485612	100	0.7989449	200	0.7749313				
Dichlorofluoromethane (Freon 22)	20	0.9024056	50	0.8360167	100	0.8649781	200	0.8559286				
1,2-Dichloropropane	20	0.346549	50	0.326974	100	0.3382149	200	0.3423087				
1,3-Dichloropropane	20	0.4822758	50	0.4753776	100	0.4975182	200	0.5026274				
2,2-Dichloropropane	20	0.7538202	50	0.7457467	100	0.7494436	200	0.7437267				
1,1-Dichloropropene	20	0.744179	50	0.6952211	100	0.722296	200	0.7078831				
cis-1,3-Dichloropropene	20	0.5126507	50	0.4929691	100	0.525089	200	0.5360372				
trans-1,3-Dichloropropene	20	0.4476255	50	0.4414938	100	0.4608091	200	0.4697643				
Diethyl Ether	20	0.3900849	50	0.3794725	100	0.3956833	200	0.3852383				
Difluorochloromethane (Freon 21)	20	0.8863759	50	0.8176803	100	0.8408892	200	0.8287452				
Diisopropyl Ether (DIPE)	20	2.262338	50	2.103205	100	2.18953	200	2.121074				
1,4-Dioxane	200	4.098443E-03	500	3.876659E-03	1000	3.852526E-03	2000	4.071677E-03				
Ethanol	200	8.188051E-03	500	1.004667E-02	1000	1.063606E-02	2000	1.008772E-02				
Ethyl Acetate	20	0.8368006	50	0.7795535	100	0.7563022	200	0.7396607				
Ethylbenzene	20	2.986292	50	2.847955	100	2.917527	200	2.885303				
Hexachlorobutadiene	20	0.3446364	50	0.3280051	100	0.3367847	200	0.3213134				
2-Hexanone (MBK)	200	0.3113738	500	0.3067229	1000	0.314017	2000	0.3043991				
Iodomethane	200	0.7225318	500	0.6515864	1000	0.6791414	2000	0.6474325				
Isopropylbenzene (Cumene)	20	3.121642	50	3.027483	100	3.085294	200	3.071295				
p-Isopropyltoluene (p-Cymene)	20	2.705157	50	2.608758	100	2.65047	200	2.62126				
Methyl Acetate	20	0.566272	50	0.5778299	100	0.5621301	200	0.5457193				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

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SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2301046

Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Methyl tert-Butyl Ether (MTBE)	20	1.362881	50	1.329739	100	1.381568	200	1.360867				
Methyl Cyclohexane	20	0.5485113	50	0.4883765	100	0.496692	200	0.5005264				
Methylene Chloride	20	0.8937472	50	0.8247914	100	0.8527289	200	0.8382018				
4-Methyl-2-pentanone (MIBK)	200	0.4137001	500	0.4096453	1000	0.4196499	2000	0.4063997				
Naphthalene	20	1.714162	50	1.732034	100	1.746888	200	1.627387				
n-Propylbenzene	20	3.686037	50	3.561434	100	3.624924	200	3.559031				
Styrene	20	1.978399	50	1.913886	100	1.971727	200	1.947116				
1,1,1,2-Tetrachloroethane	20	0.6277572	50	0.6248726	100	0.6370047	200	0.6400046				
1,1,2,2-Tetrachloroethane	20	0.7084555	50	0.7091587	100	0.7322637	200	0.7046823				
Tetrachloroethylene	20	0.2901206	50	0.27111	100	0.2817901	200	0.2851922				
Tetrahydrofuran	20	0.2405752	50	0.2252121	100	0.23699	200	0.2268038				
Toluene	20	1.401199	50	1.303152	100	1.344748	200	1.357864				
1,2,3-Trichlorobenzene	20	0.5879333	50	0.5762179	100	0.5840327	200	0.5344466				
1,2,4-Trichlorobenzene	20	0.7325091	50	0.7158533	100	0.7280719	200	0.6998211				
1,3,5-Trichlorobenzene	20	0.8819999	50	0.8343559	100	0.8557537	200	0.8314114				
1,1,1-Trichloroethane	20	0.8322725	50	0.7868563	100	0.8218856	200	0.8185205				
1,1,2-Trichloroethane	20	0.2684872	50	0.2641727	100	0.2713594	200	0.2759855				
Trichloroethylene	20	0.3190485	50	0.3039431	100	0.3110658	200	0.3151057				
Trichlorofluoromethane (Freon 11)	20	0.7273419	50	0.6915931	100	0.715544	200	0.7048498				
1,2,3-Trichloropropane	20	0.2306094	50	0.2291723	100	0.2335393	200	0.2244145				
1,1,2-Trichloro-1,2,2-trifluoroethane	20	0.4443638	50	0.4188522	100	0.4240218	200	0.4262858				
1,2,3-Trimethylbenzene	20	2.440336	50	2.335849	100	2.350012	200	2.344104				
1,2,4-Trimethylbenzene	20	2.371715	50	2.25247	100	2.29641	200	2.286169				
1,3,5-Trimethylbenzene	20	2.61811	50	2.511309	100	2.582612	200	2.523195				
Vinyl Acetate	200	1.630307	500	1.536137	1000	1.630596	2000	1.549529				
Vinyl Chloride	20	0.7548499	50	0.6595255	100	0.6888532	200	0.6809324				
m+p Xylene	40	2.298627	100	2.213416	200	2.270431	400	2.232176				
o-Xylene	20	2.381157	50	2.281207	100	2.336813	200	2.310821				
1,2-Dichloroethane-d4	25	0.6256055	25	0.6186964	25	0.6335043	25	0.6346407				
Toluene-d8	25	1.263328	25	1.263199	25	1.280345	25	1.291075				

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

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SW-846 8260D

Client: NYS Division of Environmental Remediation

SDG: 24J4347

Project: Former RKO Drycleaners - CO 151681

Calibration: 2301046

Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
4-Bromofluorobenzene	25	0.9405738	25	0.9576963	25	0.9672208	25	0.9644954				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory: Pace New England Work Order: 24J4347
 Client: NYS Division of Environmental Remediation Project: Former RKO Drycleaners - CO 151681
 Calibration: 2301046 Instrument: GCMSVOA2
 Calibration Date: 8/22/2023 11:59:17AM

COMPOUND	Mean RF	RF RSD	Linear r ²	Quad COD	LIMIT	Q
Acetone	0.1886873	4.7			20	
Acrolein	0.1165386	4.6			20	
Acrylonitrile	0.2402305	11.1			20	
tert-Amyl Methyl Ether (TAME)	1.338121	11.2			20	
Benzene	1.87242	9.3			20	
Bromobenzene	1.017558	8.5			20	
Bromochloromethane	0.2374894	8.3			20	
Bromodichloromethane	0.3633148	10.6			20	
Bromoform	0.3942354	9.1			20	
Bromomethane	0.2918845	10.4			20	
2-Butanone (MEK)	0.2953406	6.8			20	
tert-Butyl Alcohol (TBA)	6.281274E-02	9.1			20	
n-Butylbenzene	2.069179	10.9			20	
sec-Butylbenzene	2.728342	7.8			20	
tert-Butylbenzene	1.965804	8.2			20	
tert-Butyl Ethyl Ether (TBEE)	1.612841	10.2			20	
Carbon Disulfide	1.128181	9.4			20	
Carbon Tetrachloride	0.7037482	5.1			20	
Chlorobenzene	1.618839	8.8			20	
Chlorodibromomethane	0.3138034	12.6			20	
Chloroethane	0.3570477	7.9			20	
2-Chloroethyl Vinyl Ether	0.2100854	7.7			20	
Chloroform	0.7941618	11.7			20	
Chloromethane	0.921604	5.6			20	
2-Chlorotoluene	1.946982	6.0			20	
4-Chlorotoluene	2.265428	6.3			20	
Cyclohexane	1.151711	7.6			20	
1,2-Dibromo-3-chloropropane (DBCP)	0.1131143	11.4			20	
1,2-Dibromoethane (EDB)	0.2715205	13.1			20	
Dibromomethane	0.1638529	12.0			20	
1,2-Dichlorobenzene	1.145222	9.3			20	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Calibration:	2301046	Instrument:	GCMSVOA2
		Calibration Date:	8/22/2023 11:59:17AM

COMPOUND	Mean RF	RF RSD	Linear r ²	Quad COD	LIMIT	Q
1,3-Dichlorobenzene	1.234696	8.0			20	
1,4-Dichlorobenzene	1.295066	5.4			20	
trans-1,4-Dichloro-2-butene	0.2712216	5.9			20	
Dichlorodifluoromethane (Freon 12)	0.5076679	9.9			20	
1,1-Dichloroethane	0.9157079	11.3			20	
1,2-Dichloroethane	0.3692397	13.6			20	
1,1-Dichloroethylene	0.7183183	10.0			20	
cis-1,2-Dichloroethylene	0.8250032	10.9			20	
trans-1,2-Dichloroethylene	0.7266709	10.8			20	
Dichlorofluoromethane (Freon 21)	0.8150758	7.5			20	
1,2-Dichloropropane	0.3092735	12.6			20	
1,3-Dichloropropane	0.4445131	12.2			20	
2,2-Dichloropropane	0.6911486	8.9			20	
1,1-Dichloropropene	0.6743689	7.9			20	
cis-1,3-Dichloropropene	0.4675584	12.5			20	
trans-1,3-Dichloropropene	0.4021062	14.6			20	
Diethyl Ether	0.3592915	9.3			20	
Difluorochloromethane (Freon 22)	0.7758997	10.8			20	
Diisopropyl Ether (DIPE)	2.043934	8.3			20	
1,4-Dioxane	3.834256E-03	7.0			20	
Ethanol	9.413334E-03	10.7			20	
Ethyl Acetate	0.7826219	4.9			20	
Ethylbenzene	2.751109	7.9			20	
Hexachlorobutadiene	0.3038286	13.2			20	
2-Hexanone (MBK)	0.2910779	8.5			20	
Iodomethane	0.6158952	14.4			20	
Isopropylbenzene (Cumene)	2.912551	7.3			20	
p-Isopropyltoluene (p-Cymene)	2.477135	8.3			20	
Methyl Acetate	0.5480667	6.1			20	
Methyl tert-Butyl Ether (MTBE)	1.240174	10.9			20	
Methyl Cyclohexane	0.4844583	7.8			20	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory: Pace New England Work Order: 24J4347
 Client: NYS Division of Environmental Remediation Project: Former RKO Drycleaners - CO 151681
 Calibration: 2301046 Instrument: GCMSVOA2
 Calibration Date: 8/22/2023 11:59:17AM

COMPOUND	Mean RF	RF RSD	Linear r ²	Quad COD	LIMIT	Q
Methylene Chloride	0.8289869	4.5			20	
4-Methyl-2-pentanone (MIBK)	0.3874748	8.4			20	
Naphthalene	1.601921	8.8			20	
n-Propylbenzene	3.392799	7.6			20	
Styrene	1.798821	10.2			20	
1,1,1,2-Tetrachloroethane	0.563075	14.7			20	
1,1,2,2-Tetrachloroethane	0.6543669	11.4			20	
Tetrachloroethylene	0.259656	11.9			20	
Tetrahydrofuran	0.2281792	3.7			20	
Toluene	1.280736	7.2			20	
1,2,3-Trichlorobenzene	0.5277462	11.5			20	
1,2,4-Trichlorobenzene	0.6572101	11.9			20	
1,3,5-Trichlorobenzene	0.7916624	9.0			20	
1,1,1-Trichloroethane	0.7320261	13.0			20	
1,1,2-Trichloroethane	0.2440284	12.6			20	
Trichloroethylene	0.2887468	10.3			20	
Trichlorofluoromethane (Freon 11)	0.6425119	12.4			20	
1,2,3-Trichloropropane	0.214651	10.2			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.3878568	13.4			20	
1,2,3-Trimethylbenzene	2.281923	5.9			20	
1,2,4-Trimethylbenzene	2.189137	7.1			20	
1,3,5-Trimethylbenzene	2.399254	8.3			20	
Vinyl Acetate	1.477437	8.4			20	
Vinyl Chloride	0.6444279	10.8			20	
m+p Xylene	2.16433	5.5			20	
o-Xylene	2.206763	6.7			20	
1,2-Dichloroethane-d4	0.624035	2.3			20	
Toluene-d8	1.261711	1.5			20	
4-Bromofluorobenzene	0.9530317	1.2			20	

INITIAL CALIBRATION STANDARDS

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SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Sequence:	S075427	Instrument:	GCMSVOA3
Calibration:	2200537		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
2007196	8260 STD 10PPB CLP	S075427-TUN1	C22V21909.D	08/08/22 10:18
2006160	0.4ppb 8260 Calibration Standard	S075427-CAL1	C22V21910.D	08/08/22 10:45
2006161	0.5ppb 8260 Calibration Standard	S075427-CAL2	C22V21911.D	08/08/22 11:09
2006162	1ppb 8260 Calibration Standard	S075427-CAL3	C22V21912.D	08/08/22 11:33
2006163	2ppb 8260 Calibration Standard	S075427-CAL4	C22V21913.D	08/08/22 11:58
2006164	5ppb 8260 Calibration Standard	S075427-CAL5	C22V21914.D	08/08/22 12:22
2006165	10ppb 8260 Calibration Standard	S075427-CAL6	C22V21915.D	08/08/22 12:46
2006166	20ppb 8260 Calibration Standard	S075427-CAL7	C22V21916.D	08/08/22 13:10
2006167	50ppb 8260 Calibration Standard	S075427-CAL8	C22V21917.D	08/08/22 13:34
2006168	100ppb 8260 Calibration Standard	S075427-CAL9	C22V21918.D	08/08/22 13:59
2006169	200ppb 8260 Calibration Standard	S075427-CALA	C22V21919.D	08/08/22 14:23
2006167	50ppb 8260 Calibration Standard	S075427-CAL8	C22V21920.D	08/08/22 14:47
2006168	100ppb 8260 Calibration Standard	S075427-CAL9	C22V21921.D	08/08/22 15:11
2006169	200ppb 8260 Calibration Standard	S075427-CALA	C22V21922.D	08/08/22 15:35

C:\msdchem\1\data\C080822\

Date			Filename	Lab ID	Sample Info
8 Aug 2022	6:52	am	C22V21901.D	BLK	
8 Aug 2022	7:28	am	C22V21902.D	22H0307-02 @ 100X	
8 Aug 2022	7:52	am	C22V21903.D	22H0307-03 @ 100X	
8 Aug 2022	8:16	am	C22V21904.D	22H0307-04 @ 100X	
8 Aug 2022	8:40	am	C22V21905.D	22H0364-01 @ 100X	
8 Aug 2022	9:04	am	C22V21906.D	22H0345-02 @ 100X	
8 Aug 2022	9:30	am	C22V21907.D	22H0353-05 @ 100X	
8 Aug 2022	9:54	am	C22V21908.D	22H0364-02 @ 100X	
8 Aug 2022	10:18	am	C22V21909.D	BFB	
8 Aug 2022	10:45	am	C22V21910.D	8260STD 0.4PPB 2206105	
8 Aug 2022	11:09	am	C22V21911.D	8260STD 0.5PPB 2206105	
8 Aug 2022	11:33	am	C22V21912.D	8260STD 1.0PPB 2206105	
8 Aug 2022	11:58	am	C22V21913.D	8260STD 2.0PPB 2206105	
8 Aug 2022	12:22	pm	C22V21914.D	8260STD 5.0PPB 2206105	
8 Aug 2022	12:46	pm	C22V21915.D	8260STD 10PPB 2206105	
8 Aug 2022	1:10	pm	C22V21916.D	8260STD 20PPB 2206105	
8 Aug 2022	1:34	pm	C22V21917.D	8260STD 50PPB 2206105	
8 Aug 2022	1:59	pm	C22V21918.D	8260STD 100PPB 2206105	
8 Aug 2022	2:23	pm	C22V21919.D	8260STD 200PPB 2206105	
8 Aug 2022	2:47	pm	C22V21920.D	ETOH500PPB	
8 Aug 2022	3:11	pm	C22V21921.D	ETOH1000PPB	
8 Aug 2022	3:35	pm	C22V21922.D	ETOH2000PPB	
8 Aug 2022	3:59	pm	C22V21923.D	BLK	
8 Aug 2022	4:23	pm	C22V21924.D	BLK	
8 Aug 2022	4:48	pm	C22V21925.D	BLK	
8 Aug 2022	5:12	pm	C22V21926.D	ICV 2208129	
8 Aug 2022	5:36	pm	C22V21927.D	CHECKICV 2208129	
8 Aug 2022	6:00	pm	C22V21928.D	BLK	
8 Aug 2022	6:24	pm	C22V21929.D	PRIME	
8 Aug 2022	6:48	pm	C22V21930.D	8260STD 10PPB 2206105	
8 Aug 2022	7:12	pm	C22V21931.D	B0-BS1	
8 Aug 2022	7:37	pm	C22V21932.D	B0-BSD1	
8 Aug 2022	8:01	pm	C22V21933.D	B0-BS1 @ HCL	
8 Aug 2022	8:25	pm	C22V21934.D	BLK	
8 Aug 2022	8:49	pm	C22V21935.D	B0-BLK1 @ HCL	
8 Aug 2022	9:13	pm	C22V21936.D	22H0307-05	
8 Aug 2022	9:37	pm	C22V21937.D	22H0267-01 @ 50X M	50
8 Aug 2022	10:01	pm	C22V21938.D	22H0267-02 @ 50X M	50
8 Aug 2022	10:25	pm	C22V21939.D	22H0267-03 @ 50X M	50
8 Aug 2022	10:49	pm	C22V21940.D	22H0267-04 @ 50X M	50
8 Aug 2022	11:13	pm	C22V21941.D	22H0267-05 @ 50X M	50
8 Aug 2022	11:37	pm	C22V21942.D	22H0316-01	
9 Aug 2022	12:01	am	C22V21943.D	22H0316-02	
9 Aug 2022	12:25	am	C22V21944.D	BLK	
9 Aug 2022	12:49	am	C22V21945.D	22H0307-03	
9 Aug 2022	1:13	am	C22V21946.D	22H0307-01 @ 20X	20
9 Aug 2022	1:37	am	C22V21947.D	22H0307-02 @ 2X	2
9 Aug 2022	2:01	am	C22V21948.D	22H0307-04 @ 2X	2
9 Aug 2022	2:25	am	C22V21949.D	BLK	
9 Aug 2022	2:49	am	C22V21950.D	22H0369-01	
9 Aug 2022	3:13	am	C22V21951.D	22H0369-03	
9 Aug 2022	3:37	am	C22V21952.D	22H0369-05	
9 Aug 2022	4:01	am	C22V21953.D	22H0369-06	
9 Aug 2022	4:25	am	C22V21954.D	22H0369-02	
9 Aug 2022	4:49	am	C22V21955.D	22H0369-04	
9 Aug 2022	5:13	am	C22V21956.D	CLEAN UP	

Method Path : C:\msdchem\1\methods\
 Method File : C080822.M
 Title : 8260 WATER 5MLS VOAMS 5973 #3
 Last Update : Tue Aug 09 06:47:59 2022
 Response Via : Initial Calibration

Calibration Files

0.4 =C22V21910.D 0.5 =C22V21911.D 1.0 =C22V21912.D 2.0 =C22V21913.D 5.0 =C22V21914.D 10 =C22V21915.D 20 =C22V21916.D
 50 =C22V21917.D 100 =C22V21918.D 200 =C22V21919.D

Compound		0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD

1)	PENTAFLUOROBENZENE	0.574	0.567	0.569	0.574	0.570	0.570	0.561	0.552	0.549	0.543	0.563	1.98
2)	1,2-DICHLOROET...	0.380	0.335	0.449	0.444	0.429	0.440	0.473	0.472	0.462	0.458	0.434	10.14
3)	DICHLORODIFLUO...	0.549	0.501	0.531	0.566	0.569	0.584	0.614	0.609	0.597	0.602	0.572	6.43
4)	DIFLUOROCHLORO...	0.839	0.817	0.836	0.804	0.730	0.641	0.614	0.584	0.595	0.636	0.710	14.99
5)	CHLOROMETHANE	0.479	0.428	0.500	0.514	0.538	0.538	0.568	0.561	0.550	0.546	0.522	8.24#
6)	VINYL CHLORIDE				0.358	0.306	0.285	0.240	0.352	0.307	0.309	0.308	13.03
7)	BROMOMETHANE	0.343	0.343	0.382	0.384	0.370	0.385	0.366	0.358	0.340	0.329	0.360	5.65
8)	CHLOROETHANE	0.805	0.716	0.834	0.855	0.855	0.873	0.890	0.872	0.853	0.847	0.840	5.88
9)	FLUORODICHLORO...	0.584	0.498	0.622	0.657	0.645	0.673	0.698	0.687	0.669	0.657	0.639	9.31
10)	TRICHLOROFLUOR...				0.014	0.009	0.010	0.010	0.010	0.009	0.009	0.010	17.65
11)	ETHANOL	0.300	0.289	0.375	0.373	0.392	0.398	0.404	0.400	0.393	0.389	0.371	11.24
12)	DI ETHYL ETHER	0.079	0.077	0.085	0.085	0.091	0.094	0.098	0.096	0.101	0.109	0.091	11.09
13)	ACROLEIN	0.196	0.185	0.189	0.176	0.184	0.180	0.181	0.179	0.176	0.175	0.182	3.70
14)	ACETONE	0.577	0.575	0.642	0.674	0.651	0.667	0.693	0.688	0.668	0.666	0.650	6.43#
15)	1,1-DICHLOROET...	0.340	0.282	0.393	0.400	0.389	0.386	0.404	0.400	0.396	0.386	0.378	10.08
16)	1,1,2-TRICL-1,...				0.382	0.432	0.493	0.526	0.578	0.619	0.646	0.661	18.78
17)	IODOMETHANE												-1.00
18)	ACETONITRILE												-1.00
19)	ALLYL CHLORIDE												9.36
20)	METHYL ACETATE	0.877	0.683	0.749	0.712	0.718	0.681	0.695	0.669	0.654	0.649	0.709	6.98
21)	T-BUTYL ALCOHOL	0.070	0.061	0.068	0.073	0.070	0.074	0.075	0.076	0.076	0.077	0.072	12.76
22)	ACRYLONITRILE	0.181	0.173	0.223	0.215	0.233	0.251	0.233	0.247	0.251	0.254	0.226	5.80
23)	METHYLENE CHLO...	0.572	0.587	0.659	0.642	0.671	0.676	0.683	0.660	0.646	0.632	0.643	10.12
24)	CARBON DISULFIDE	1.070	1.048	1.207	1.278	1.303	1.339	1.386	1.373	1.358		1.262	8.23
25)	METHYL TERT-BU...	1.163	1.270	1.413	1.391	1.405	1.487	1.462	1.536	1.497	1.504	1.413	7.25
26)	TRANS 1,2-DICH...	0.516	0.586	0.633	0.600	0.594	0.656	0.630	0.661	0.648	0.654	0.618	6.13
27)	1,1-DICHLOROET...	0.680	0.730	0.782	0.788	0.798	0.800	0.825	0.833	0.817	0.825	0.788	12.50
28)	VINYL ACETATE	1.056	1.030	1.235	1.297	1.367	1.418	1.458	1.484	1.474	1.306	1.313	8.98
29)	DI ISOPROPYL ETHER	1.301	1.344	1.494	1.557	1.573	1.608	1.663	1.681	1.675	1.691	1.559	-1.00
30)	CHLOROPRENE												15.33
31)	2-BUTANONE	0.200	0.196	0.239	0.250	0.278	0.281	0.289	0.299	0.297	0.304	0.263	9.91
32)	T-BUTYL ETHYL ...	1.137	1.175	1.318	1.358	1.393	1.455	1.478	1.504	1.501	1.516	1.383	9.70
33)	CIS-1,2-DICHL...	0.591	0.561	0.657	0.677	0.688	0.715	0.735	0.745	0.743	0.751	0.686	8.66
34)	2,2-DICHLOROPR...	0.506	0.532	0.613	0.620	0.608	0.610	0.619	0.673	0.653	0.655	0.609	5.77
35)	ETHYL ACETATE	0.666	0.657	0.727	0.685	0.598	0.621	0.613	0.642	0.658	0.641	0.651	-1.00
36)	PROPIONITRILE												-1.00
37)	METHACRYLONITRILE												13.16
38)	BROMOCHLOROMET...	0.294	0.324	0.375	0.406	0.426	0.427	0.436	0.412	0.366	0.328	0.379	8.92
39)	TETRAHYDROFURAN			0.159	0.168	0.181	0.197	0.191	0.200	0.200	0.205	0.188	7.84#
40)	CHLOROFORM	0.686	0.653	0.700	0.743	0.779	0.796	0.806	0.812	0.804	0.812	0.759	9.43
41)	1,1,1-TRICHLOR...	0.510	0.551	0.607	0.627	0.651	0.668	0.675	0.678	0.674	0.683	0.632	11.74
42)	CYCLOHEXANE				0.890	0.720	0.676	0.688	0.667	0.658	0.658	0.708	11.63
43)	CARBON TETRACH...	0.443	0.410	0.511	0.515	0.530	0.546	0.569	0.584	0.581	0.594	0.528	

Method Path : C:\msdchem\1\methods\

Method File : C080822.M

Title : 8260 WATER 5MLS VOAMS 5973 #3

44)	1,1-DICHLOROPR...	0.486	0.397	0.546	0.544	0.557	0.569	0.591	0.591	0.593	0.599	0.547	11.47
45)	BENZENE	1.581	1.485	1.629	1.646	1.641	1.704	1.751	1.746	1.740	1.754	1.668	5.33
46)	ISOBUTANOL											0.000	-1.00
47)	T-AMYL METHYL E...	1.058	1.066	1.235	1.300	1.339	1.349	1.418	1.442	1.445	1.472	1.312	11.49
1,4-DIFLUOROBENZEN... ISTD-----													
48)	TOLUENE SS	1.193	1.186	1.169	1.181	1.196	1.194	1.199	1.191	1.180	1.193	1.188	0.78
49)	1,2-DICHLOROET...	0.352	0.351	0.406	0.423	0.445	0.450	0.459	0.466	0.458	0.466	0.428	10.38
50)	TRICHLOROETHENE	0.235	0.211	0.268	0.283	0.270	0.290	0.297	0.306	0.300	0.309	0.277	11.52
51)	METHYLCYCLOHEXANE	0.273	0.232	0.328	0.342	0.327	0.335	0.363	0.371	0.365	0.373	0.331	13.88
52)	1,2-DICHLOROPR...	0.278	0.243	0.277	0.313	0.308	0.318	0.319	0.335	0.327	0.345	0.306	10.13#
53)	DIBROMOMETHANE	0.156	0.164	0.185	0.188	0.202	0.215	0.217	0.223	0.220	0.227	0.200	12.68
54)	METHYL METHACR...											0.000	-1.00
55)	1,4-DIOXANE				0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	10.93
56)	BROMODICHLOROM...	0.293	0.300	0.384	0.386	0.403	0.416	0.428	0.440	0.438	0.454	0.394	14.27
57)	2-CHLOROETHYL...			0.125	0.130	0.153	0.158	0.173	0.182	0.186	0.199	0.163	16.34
58)	MIBK	0.345	0.339	0.371	0.378	0.409	0.425	0.446	0.459	0.460	0.481	0.411	12.36
59)	CIS-1,3-DICHLOR...	0.388	0.370	0.455	0.451	0.464	0.489	0.507	0.533	0.528	0.550	0.473	12.72
60)	TOLUENE	1.054	1.053	1.138	1.195	1.170	1.211	1.264	1.289	1.271	1.307	1.195	7.71#
61)	TRANS-1,3,-DIC...	0.292	0.317	0.365	0.387	0.413	0.429	0.448	0.466	0.470	0.495	0.408	16.50
62)	ETHYL METHACRY...											0.000	-1.00
63)	1,1,2-TRICHLOR...	0.225	0.204	0.263	0.281	0.290	0.291	0.301	0.310	0.310	0.322	0.280	13.74
64)	2-HEXANONE	0.226	0.214	0.251	0.252	0.283	0.298	0.315	0.327	0.332	0.346	0.284	16.36
65)	TETRACHLOROETHENE	0.184	0.219	0.262	0.287	0.295	0.298	0.306	0.316	0.316	0.324	0.281	16.43
66)	1,3-DICHLOROPR...	0.360	0.399	0.457	0.498	0.506	0.529	0.543	0.558	0.554	0.572	0.497	14.36
67)	DIBROMOCHLOROM...	0.303	0.262	0.308	0.315	0.334	0.346	0.358	0.370	0.375	0.394	0.336	11.93
68)	1,2-DIBROMOETHANE	0.209	0.200	0.274	0.294	0.311	0.320	0.337	0.342	0.345	0.361	0.299	18.76
CHLOROBENZENE-D5 ISTD-----													
70)	4-BROMOFLUOROB...	0.877	0.887	0.870	0.877	0.894	0.877	0.891	0.894	0.902	0.924	0.889	1.77
71)	CHLOROBENZENE	1.363	1.300	1.479	1.518	1.568	1.649	1.683	1.732	1.728	1.743	1.576	10.06
72)	1,1,1,2-TETRAC...	0.467	0.466	0.567	0.550	0.583	0.604	0.633	0.650	0.653	0.671	0.584	12.55
73)	ETHYLBENZENE	2.113	1.971	2.368	2.457	2.541	2.704	2.761	2.853	2.850	2.872	2.549	12.55#
74)	M/P-XYLENES	1.593	1.613	1.825	1.969	1.939	2.067	2.134	2.249	2.229	2.285	1.990	12.62
75)	0-XYLENE	1.643	1.623	1.956	2.041	2.094	2.227	2.283	2.348	2.339	2.391	2.095	13.44
76)	STYRENE	1.231	1.320	1.474	1.549	1.662	1.808	1.868	1.940	1.952	2.027	1.683	16.63
77)	BROMOFORM	0.320	0.457	0.473	0.473	0.520	0.530	0.565	0.591	0.617	0.639	0.523	18.74
78)	ISOPROPYLBENZENE	1.988	1.862	2.188	2.371	2.375	2.517	2.584	2.678	2.663	2.726	2.395	12.50
79)	CIS-1,4-DICHLOR...	0.719	0.685	0.821	0.921	0.943	0.965	1.001	1.036	1.037	1.050	0.918	-1.00
80)	1,1,2,2-TETRAC...			0.183	0.234	0.212	0.225	0.239	0.267	0.275	0.283	0.240	14.47
81)	1,4-DICHLORO-2...											14.15	
82)	BROMOBENZENE	0.873	0.914	1.031	1.025	0.986	1.043	1.102	1.129	1.156	1.193	1.045	9.86
83)	1,2,3-TRICHLOR...	0.610	0.800	0.845	0.689	0.722	0.703	0.744	0.790	0.796	0.828	0.753	9.65
84)	N-PROPYLBENZENE	2.061	2.075	2.501	2.545	2.641	2.796	2.923	3.043	3.047	3.150	2.678	14.52
85)	2-CHLOROTOLUENE	1.465	1.539	1.543	1.617	1.741	1.846	1.878	1.933	1.922	1.979	1.746	10.91
86)	1,3,5-TRIMETHY...	1.711	1.525	1.805	1.824	1.915	2.047	2.100	2.195	2.201	2.314	1.964	12.72
87)	4-CHLOROTOLUENE	1.474	1.432	1.935	1.953	1.914	2.042	2.170	2.236	2.295	2.399	1.985	16.30
1,4-DICHLOROBENZEN... ISTD-----													
88)	TERT-BUTYLBENZENE	1.455	1.321	1.607	1.598	1.600	1.653	1.725	1.718	1.693	1.698	1.607	8.01
89)	1,2,4-TRIMETHY...	1.721	1.659	1.947	1.915	1.949	2.086	2.091	2.144	2.115	2.121	1.975	8.69
90)	SEC-BUTYLBENZENE	1.801	1.692	2.174	2.156	2.112	2.263	2.316	2.329	2.286	2.305	2.143	10.40
91)	1,3-DICHLOROB...	0.939	0.959	1.138	1.184	1.188	1.269	1.294	1.321	1.316	1.323	1.193	12.08

Method Path : C:\msdchem\1\methods\													
Method File : C080822.M													
Title : 8260 WATER 5MLS VOAMS 5973 #3													
94)	P-ISOPROPYL TOL...	1.558	1.512	1.787	1.817	1.863	1.884	1.975	2.011	1.999	2.015	1.842	9.85
95)	1,4-DICHLOROBEN...	1.059	1.090	1.322	1.240	1.298	1.265	1.339	1.353	1.355	1.386	1.271	8.84
96)	1,2,3-TRIMETHY...	1.883	1.770	2.150	2.212	2.239	2.303	2.366	2.351	2.311	2.306	2.189	9.30
97)	N-BUTYLBENZENE	1.074	1.229	1.443	1.443	1.505	1.603	1.718	1.778	1.784	1.814	1.550	16.92
98)	1,2-DICHLOROBEN...	0.962	0.963	1.078	1.203	1.272	1.287	1.327	1.342	1.344	1.359	1.214	12.91
99)	1,2-DIBROMO-3-...		0.133	0.140	0.140	0.165	0.164	0.171	0.178	0.184	0.185	0.165	11.79
100)	1,3,5-TRICHLOR...		0.439	0.675	0.678	0.752	0.762	0.812	0.836	0.851	0.867	0.741	18.00
01)	1,2,4-TRICHLOR...			0.464	0.546	0.623	0.671	0.718	0.785	0.804	0.821	0.679	18.94
02)	HEXACHLOROBUTA...		0.174	0.226	0.296	0.296	0.305	0.314	0.309	0.319	0.329	0.285	17.86
03)	NAPHTHALENE				1.429	1.654	1.863	2.062	2.366	2.437	2.441	2.036	19.84
04)	1,2,3-TRICHLOR...			0.483	0.522	0.635	0.641	0.695	0.773	0.782	0.779	0.664	17.46

(##) = Out of Range													

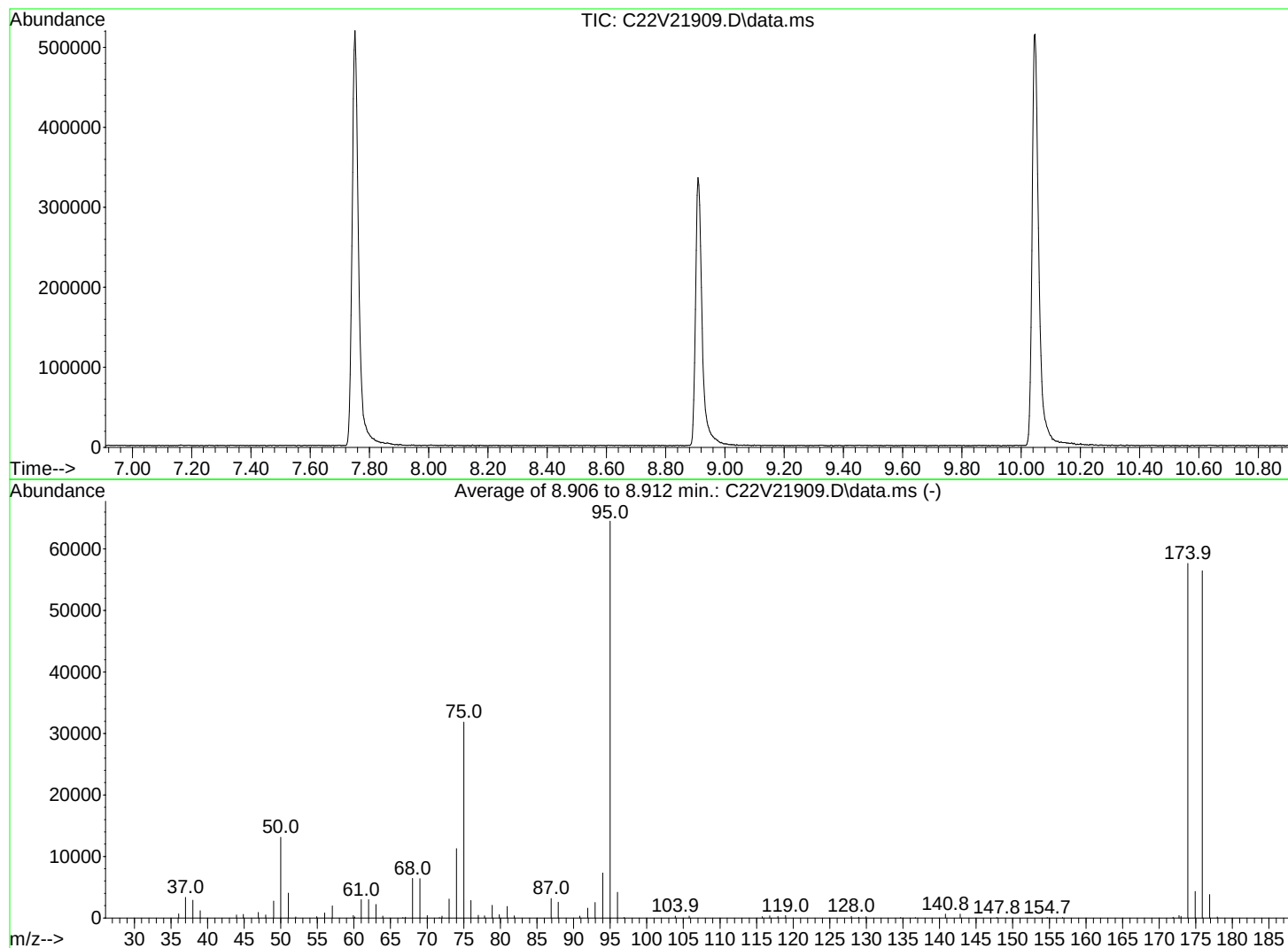
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 Data File : C22V21909.D
 Acq On : 8 Aug 2022 10:18 am
 Operator :
 Sample : BFB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

192

Inst : GCMSVOA3

Integration File: 8260B.P

Method : C:\msdchem\1\methods\C080822.M
 Title : 8260 WATER 5MLS VOAMS 5973 #3
 Last Update : Tue Aug 09 06:47:59 2022



AutoFind: Scans 2823, 2824, 2825; Background Corrected with Scan 2812

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.3	13103	PASS
75	95	30	60	49.3	31856	PASS
95	95	100	100	100.0	64555	PASS
96	95	5	9	6.5	4167	PASS
173	174	0.00	2	0.6	373	PASS
174	95	50	100	89.4	57683	PASS
175	174	5	9	7.5	4323	PASS
176	174	95	101	97.9	56467	PASS
177	176	5	9	6.8	3816	PASS

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21910.D
 Acq On : 8 Aug 2022 10:45 am
 Operator :
 Sample : 8260STD 0.4PPB 2206105
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 08 12:14:45 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.191	168	194735	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	289669	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	141710	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	133895	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.464	65	93218	25.45	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.80%	
49) TOLUENE SS	6.352	98	288071	24.94	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.76%	
71) 4-BROMOFLUOROBENZENE SS	8.909	95	103625	24.65	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.60%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	987	0.31	UG/L	# 43
4) DIFLUOROCHLOROMETHANE	1.093	51	1425	0.38	UG/L	# 100
5) CHLOROMETHANE	1.193	50	2178	0.51	UG/L	# 22
6) VINYL CHLORIDE	1.263	62	1244	0.37	UG/L	# 51
7) BROMOMETHANE	1.452	94	1504m	0.81	UG/L	
8) CHLOROETHANE	1.514	64	891m	0.48	UG/L	
9) FLUORODICHLOROMETHANE	1.642	67	2091	0.41	UG/L	95
10) TRICHLOROFLUOROMETHANE	1.676	101	1517	0.40	UG/L	96
12) DI ETHYL ETHER	1.865	59	778	0.32	UG/L	91
13) ACROLEIN	1.957	56	2054	2.56	UG/L	99
14) ACETONE	2.069	43	5099	4.17	UG/L	90
15) 1,1-DICHLOROETHENE	2.021	61	1499	0.40	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	2.024	101	882	0.43	UG/L	98
17) IODOMETHANE	2.138	142	8089	2.62	UG/L	97
20) METHYL ACETATE	2.317	43	2277	0.60	UG/L	# 64
21) T-BUTYL ALCOHOL	2.507	59	1811m	3.85	UG/L	
22) ACRYLONITRILE	2.615	53	469m	0.29	UG/L	
23) METHYLENE CHLORIDE	2.395	49	1484	0.37	UG/L	98
24) CARBON DISULFIDE	2.191	76	27788	3.82	UG/L	97
25) METHYL TERT-BUTYL ETHE...	2.635	73	3020m	0.36	UG/L	
26) TRANS 1,2-DICHLOROETHENE	2.629	61	1341	0.34	UG/L	# 81
27) 1,1-DICHLOROETHANE	3.039	63	1765	0.34	UG/L	# 51
28) VINYL ACETATE	3.114	43	27429	2.73	UG/L	99
29) DI ISOPROYL ETHER	3.131	45	3378	0.30	UG/L	# 87
31) 2-BUTANONE	3.695	43	5184	2.36	UG/L	# 93
32) T-BUTYL ETHYL ETHER	3.502	59	2951m	0.31	UG/L	
33) CIS-1,2-DICHLOROETHENE	3.642	61	1535	0.34	UG/L	# 46
34) 2,2-DICHLOROPROPANE	3.633	77	1313	0.34	UG/L	# 47
35) ETHYL ACETATE	3.781	43	1728m	0.39	UG/L	
38) BROMOCHLOROMETHANE	3.884	49	764	0.28	UG/L	# 18
39) TETRAHYDROFURAN	3.965	42	300m	0.23	UG/L	
40) CHLOROFORM	3.973	83	1781	0.37	UG/L	# 80
41) 1,1,1-TRICHLOROETHANE	4.141	97	1325	0.34	UG/L	# 88
42) CYCLOHEXANE	4.191	56	5046	1.10	UG/L	# 43
43) CARBON TETRACHLORIDE	4.311	117	1149	0.35	UG/L	# 3
44) 1,1-DICHLOROPROPENE	4.316	75	1261	0.35	UG/L	# 39
45) BENZENE	4.514	78	4104m	0.37	UG/L	
47) T-AMYL METHYL ETHER	4.654	73	2747	0.33	UG/L	# 72
50) 1,2-DICHLOROETHANE	4.548	62	1359	0.34	UG/L	# 74
51) TRICHLOROETHENE	5.167	95	909	0.36	UG/L	# 75
52) METHYLCYCLOHEXANE	5.340	83	1053	0.30	UG/L	# 60
53) 1,2-DICHLOROPROPANE	5.393	63	1075m	0.35	UG/L	
54) DIBROMOMETHANE	5.496	93	602	0.32	UG/L	# 45

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21910.D
 Acq On : 8 Aug 2022 10:45 am
 Operator :
 Sample : 8260STD 0.4PPB 2206105
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 08 12:14:45 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

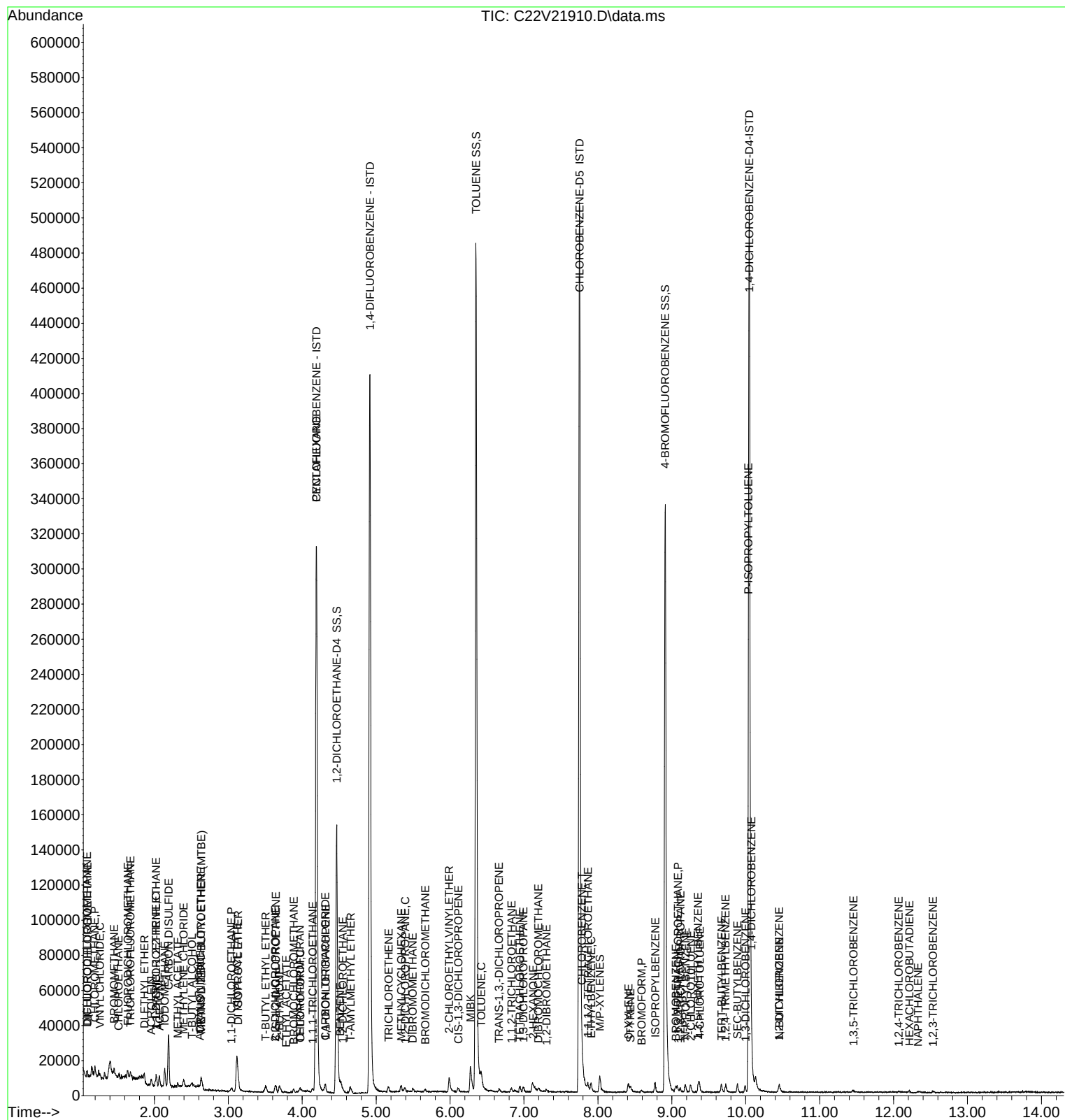
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) BROMODICHLOROMETHANE	5.663	83	1131	0.31	UG/L	# 95
58) 2-CHLOROETHYL VINYLETHER	5.987	63	3813m	2.56	UG/L	
59) MIBK	6.277	43	13328m	2.96	UG/L	
60) CIS-1,3-DICHLOROPROPENE	6.112	75	1497m	0.32	UG/L	
61) TOLUENE	6.422	91	4069m	0.36	UG/L	
62) TRANS-1,3,-DICHLOROPRO...	6.662	75	1127m	0.27	UG/L	
64) 1,1,2-TRICHLOROETHANE	6.829	97	870	0.33	UG/L	# 15
65) 2-HEXANONE	7.122	43	8733m	2.70	UG/L	
66) TETRACHLOROETHENE	6.943	166	711m	0.27	UG/L	
67) 1,3-DICHLOROPROPANE	6.991	76	1390m	0.28	UG/L	
68) DIBROMOCHLOROMETHANE	7.194	129	1170m	0.39	UG/L	
69) 1,2-DIBROMOETHANE	7.306	107	807	0.27	UG/L	90
72) CHLOROBENZENE	7.783	112	2576	0.37	UG/L	# 73
73) 1,1,1,2-TETRACHLOROETHANE	7.866	131	883	0.35	UG/L	# 65
74) ETHYLBENZENE	7.908	91	3993	0.33	UG/L	91
75) M/P-XYLENES	8.025	91	6020	0.66	UG/L	# 65
76) O-XYLENE	8.413	91	3105	0.33	UG/L	98
77) STYRENE	8.438	104	2326m	0.31	UG/L	
78) BROMOFORM	8.591	173	503m	0.23	UG/L	
79) ISOPROPYLBENZENE	8.775	105	3756	0.34	UG/L	97
81) 1,1,2,2-TETRACHLOROETHANE	9.082	83	1358	0.33	UG/L	# 87
83) BROMOBENZENE	9.054	77	1649m	0.33	UG/L	
84) 1,2,3-TRICHLOROPROPANE	9.116	75	1153m	0.33	UG/L	
85) N-PROPYLBENZENE	9.185	91	3894	0.30	UG/L	# 51
86) 2-CHLOROTOLUENE	9.255	91	2769	0.34	UG/L	# 39
87) 1,3,5-TRIMETHYLBENZENE	9.355	105	3232	0.36	UG/L	92
88) 4-CHLOROTOLUENE	9.378	91	2786	0.30	UG/L	89
90) TERT-BUTYLBENZENE	9.673	119	2597	0.36	UG/L	97
91) 1,2,4-TRIMETHYLBENZENE	9.726	105	3073	0.34	UG/L	92
92) SEC-BUTYLBENZENE	9.888	105	3215	0.32	UG/L	# 55
93) 1,3-DICHLOROBENZENE	9.997	146	1676	0.32	UG/L	98
94) P-ISOPROPYLTOLUENE	10.036	119	2782	0.32	UG/L	# 86
95) 1,4-DICHLOROBENZENE	10.075	146	1891	0.34	UG/L	# 44
97) N-BUTYLBENZENE	10.454	91	1989m	0.25	UG/L	
98) 1,2-DICHLOROBENZENE	10.451	146	1717	0.32	UG/L	# 54
100) 1,3,5-TRICHLOROBENZENE	11.455	180	778m	0.21	UG/L	
101) 1,2,4-TRICHLOROBENZENE	12.066	180	450m	0.13	UG/L	
102) HEXACHLOROBUTADIENE	12.211	225	343m	0.26	UG/L	
103) NAPHTHALENE	12.331	128	1432m	0.14	UG/L	
104) 1,2,3-TRICHLOROBENZENE	12.534	180	532m	0.16	UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :
ALS Vial : 10 Sample Multiplier: 1

Inst : GCMSVOA3

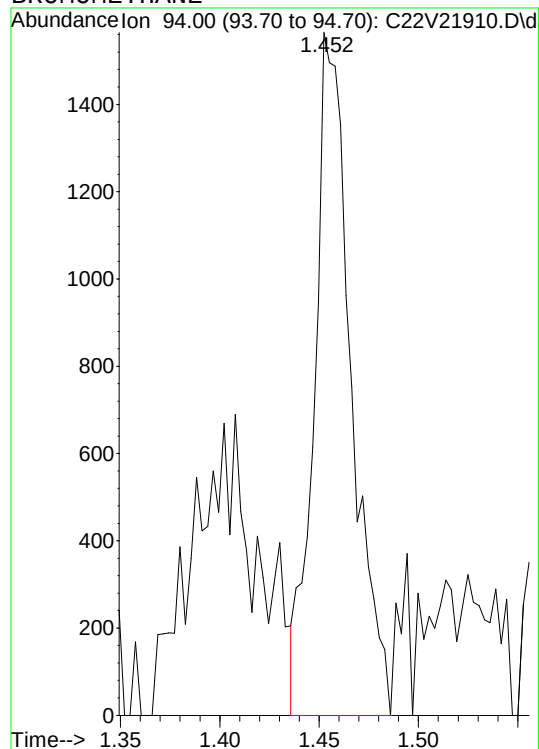
Quant Time: Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
BROMOMETHANE



Original Int. Results

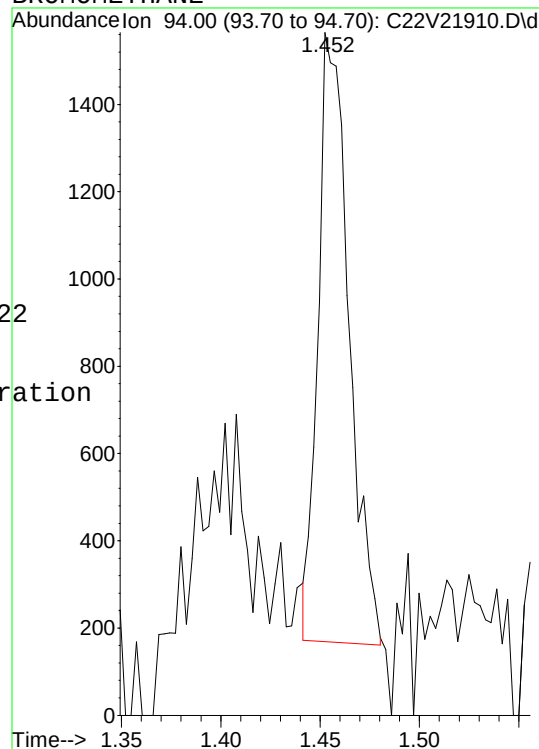
RT : 1.45
Area : 2018
Amount: 1.09191

Manual Int. Results

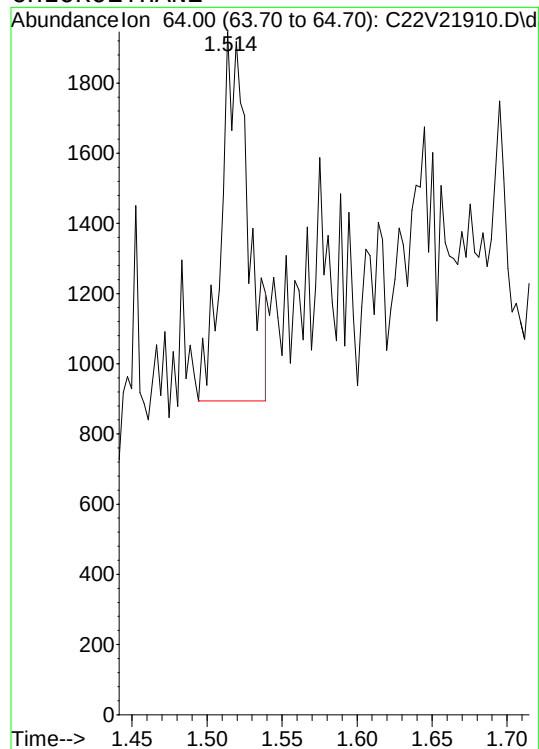
Mon Aug 08 12:12:02 2022

MIuser: EEH
Reason: Incoret Integration
RT : 1.45
Area : 1504
Amount: 0.813796

Manual Integration
BROMOMETHANE



Original Integration
CHLOROETHANE



Original Int. Results

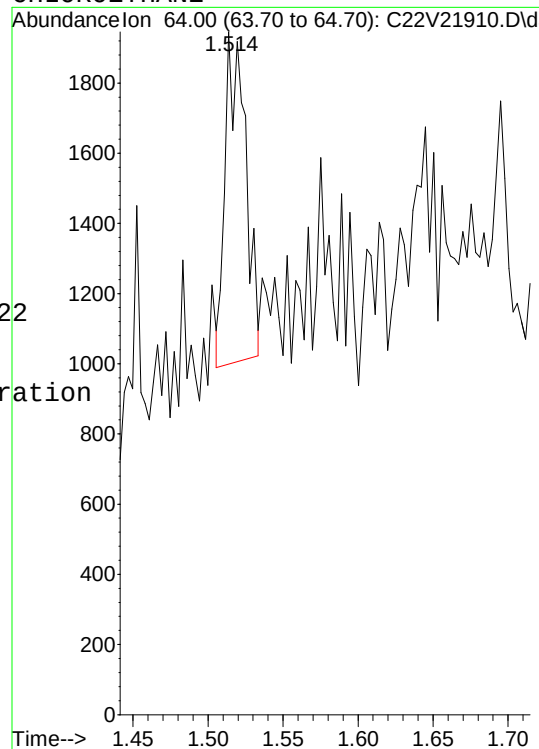
RT : 1.51
Area : 1315
Amount: 0.703036

Manual Int. Results

Mon Aug 08 12:12:10 2022

MIuser: EEH
Reason: Incoret Integration
RT : 1.51
Area : 891
Amount: 0.476354

Manual Integration
CHLOROETHANE



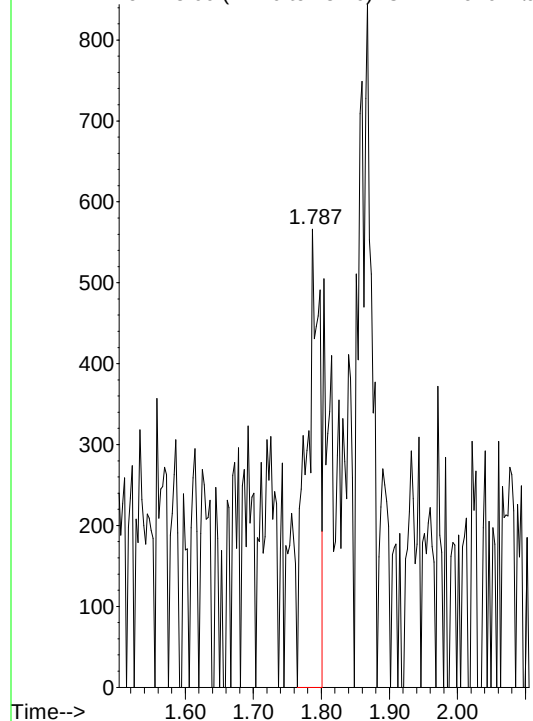
Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

ETHANOL

AbundanceIon 45.00 (44.70 to 45.70): C22V21910.Did



Original Int. Results

RT : 1.79
Area : 753
Amount: 11.3455

Manual Int. Results

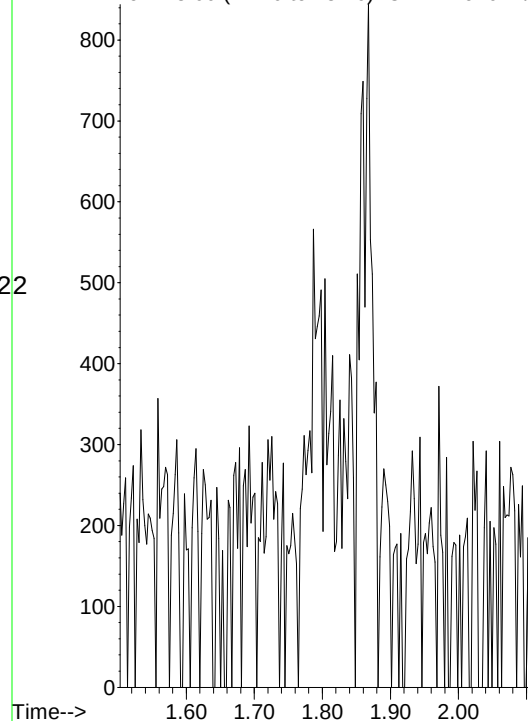
Mon Aug 08 12:12:15 2022

MIuser: EEH
Reason: Split Peak
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHANOL

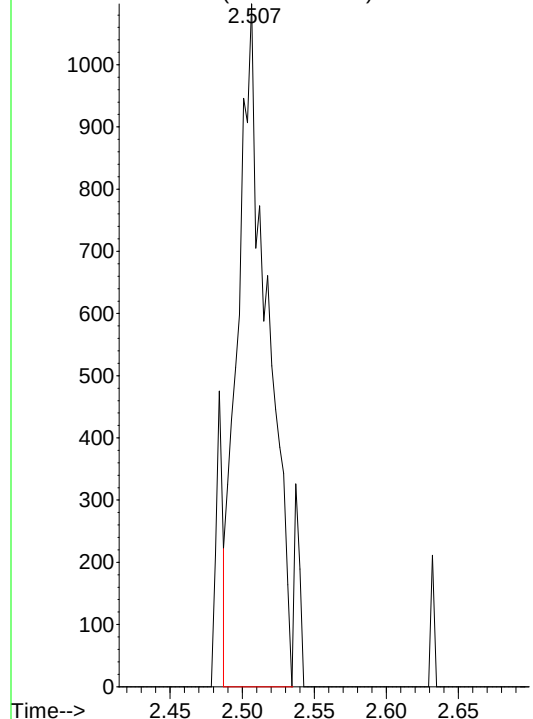
AbundanceIon 45.00 (44.70 to 45.70): C22V21910.Did



Original Integration

T-BUTYL ALCOHOL

AbundanceIon 59.10 (58.80 to 59.80): C22V21910.Did



Original Int. Results

RT : 2.51
Area : 1572
Amount: 3.34549

Manual Int. Results

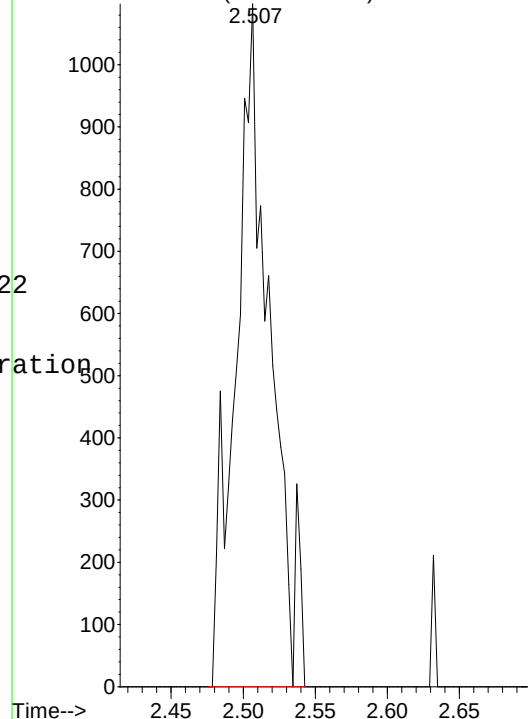
Mon Aug 08 12:12:29 2022

MIuser: EEH
Reason: Incoret Integration
RT : 2.51
Area : 1811
Amount: 3.85413

Manual Integration

T-BUTYL ALCOHOL

AbundanceIon 59.10 (58.80 to 59.80): C22V21910.Did

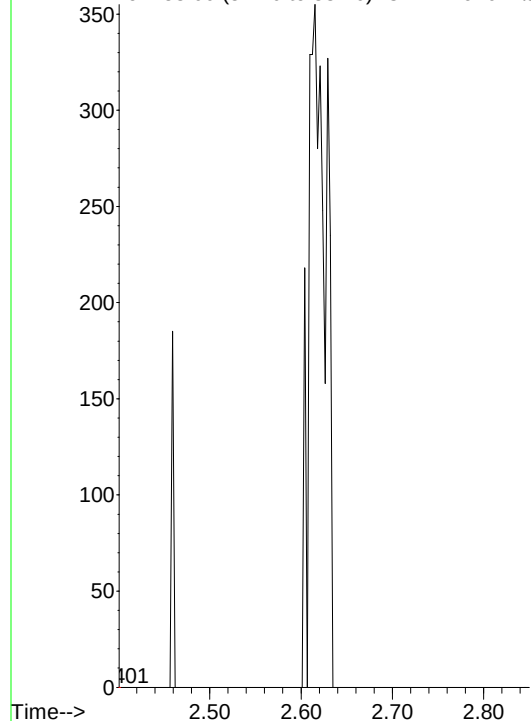


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
ACRYLONITRILE

Abundance Ion 53.00 (52.70 to 53.70): C22V21910.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

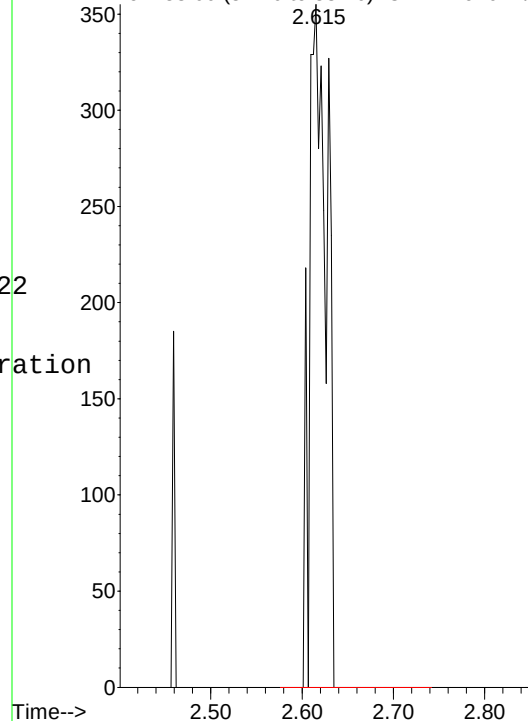
Manual Int. Results

Mon Aug 08 12:12:31 2022

MIuser: EEH
Reason: Incoret Integration
RT : 2.62
Area : 469
Amount: 0.290844

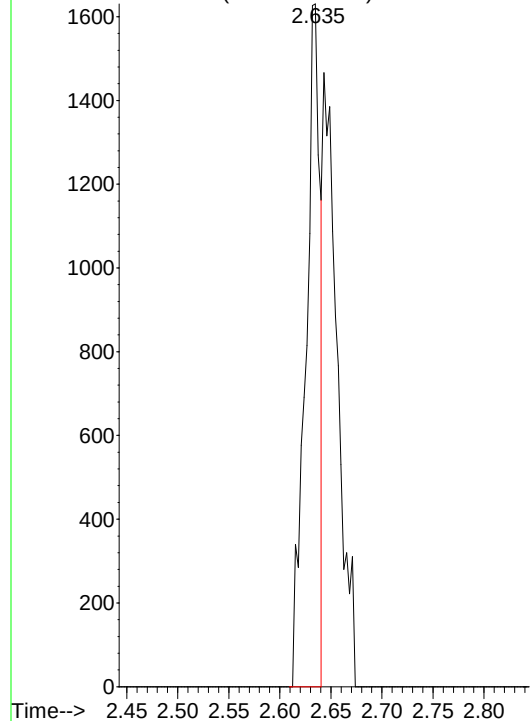
Manual Integration
ACRYLONITRILE

Abundance Ion 53.00 (52.70 to 53.70): C22V21910.D



Original Integration
METHYL TERT-BUTYL ETHER (MTBE)

Abundance Ion 73.00 (72.70 to 73.70): C22V21910.D



Original Int. Results

RT : 2.63
Area : 1586
Amount: 0.186439

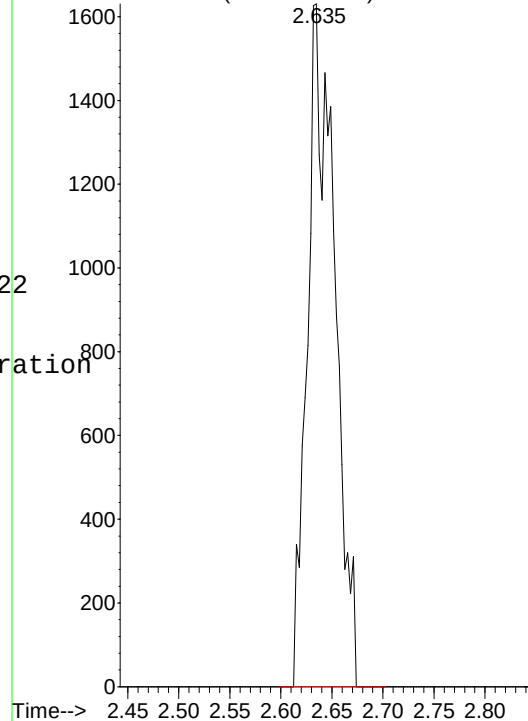
Manual Int. Results

Mon Aug 08 12:12:35 2022

MIuser: EEH
Reason: Incoret Integration
RT : 2.63
Area : 3020
Amount: 0.35501

Manual Integration
METHYL TERT-BUTYL ETHER (MTBE)

Abundance Ion 73.00 (72.70 to 73.70): C22V21910.D



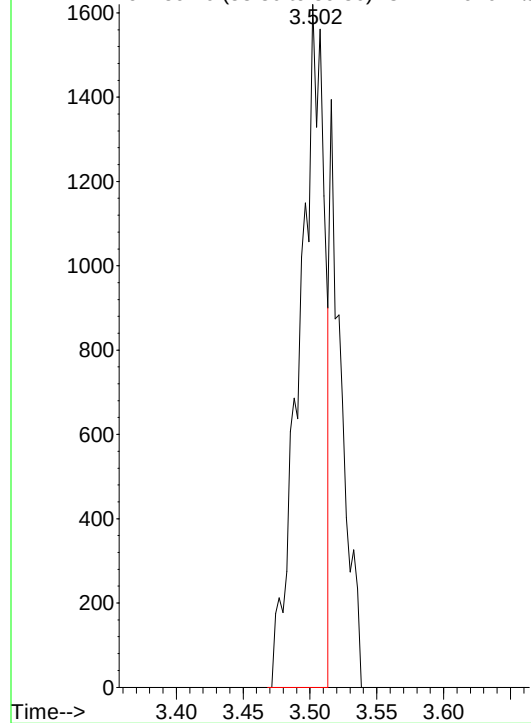
Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

T-BUTYL ETHYL ETHER

Abundance Ion 59.10 (58.80 to 59.80): C22V21910.D



Original Int. Results

RT : 3.50
Area : 2103
Amount: 0.223231

Manual Int. Results

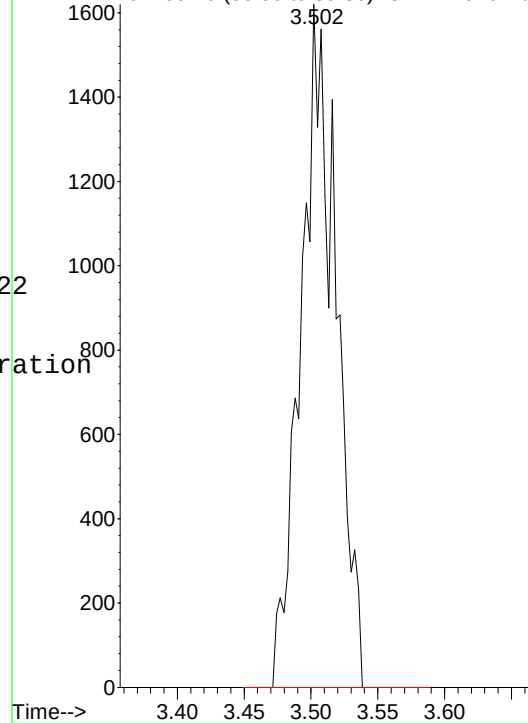
Mon Aug 08 12:12:44 2022

MIuser: EEH
Reason: Incoret Integration
RT : 3.50
Area : 2951
Amount: 0.313245

Manual Integration

T-BUTYL ETHYL ETHER

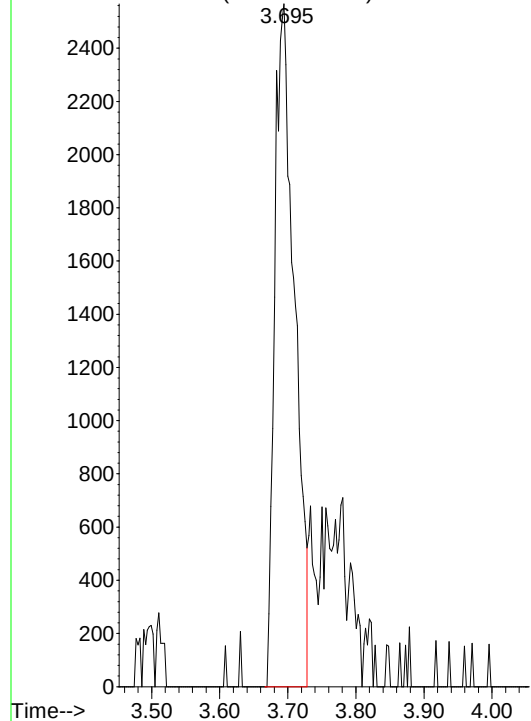
Abundance Ion 59.10 (58.80 to 59.80): C22V21910.D



Original Integration

ETHYL ACETATE

Abundance Ion 43.00 (42.70 to 43.70): C22V21910.D



Original Int. Results

RT : 3.69
Area : 5184
Amount: 1.17002

Manual Int. Results

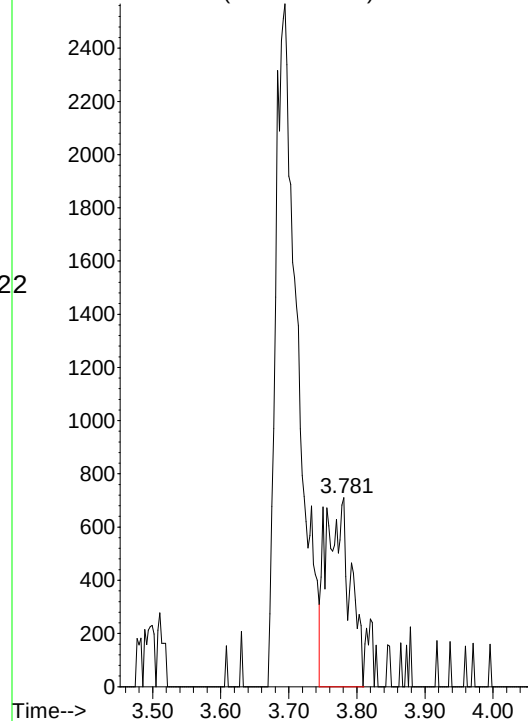
Mon Aug 08 12:12:59 2022

MIuser: EEH
Reason: Other
RT : 3.78
Area : 1728
Amount: 0.390005

Manual Integration

ETHYL ACETATE

Abundance Ion 43.00 (42.70 to 43.70): C22V21910.D

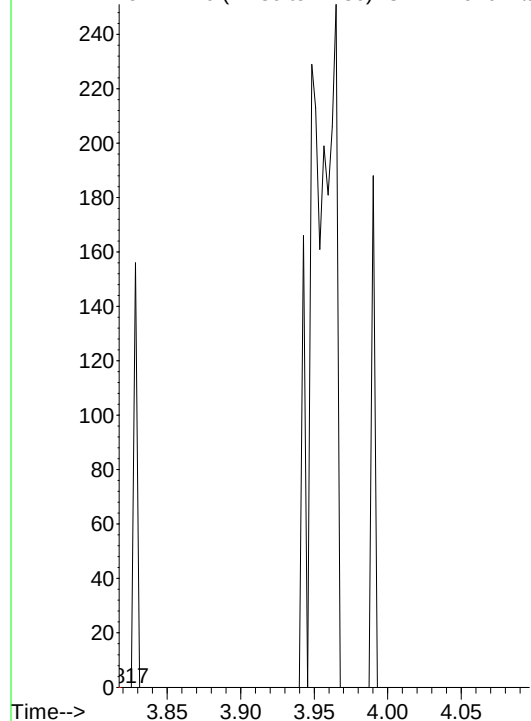


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
TETRAHYDROFURAN

Abundance Ion 42.10 (41.80 to 42.80): C22V21910.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

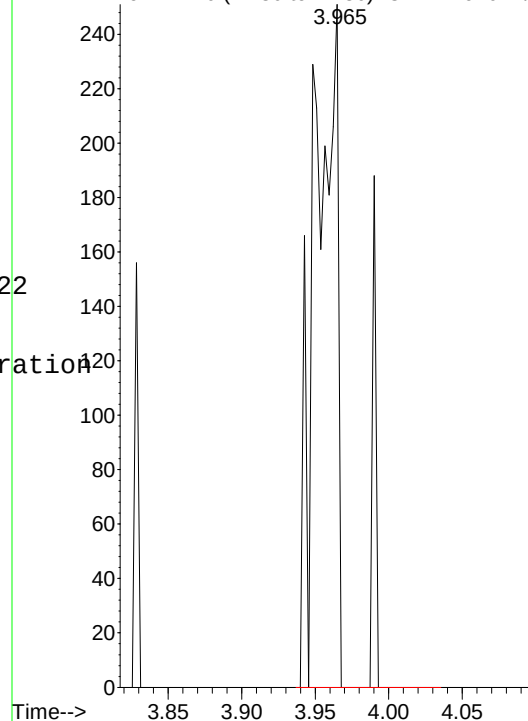
Manual Int. Results

Mon Aug 08 12:13:05 2022

MIuser: EEH
Reason: Incoret Integration
RT : 3.96
Area : 300
Amount: 0.229083

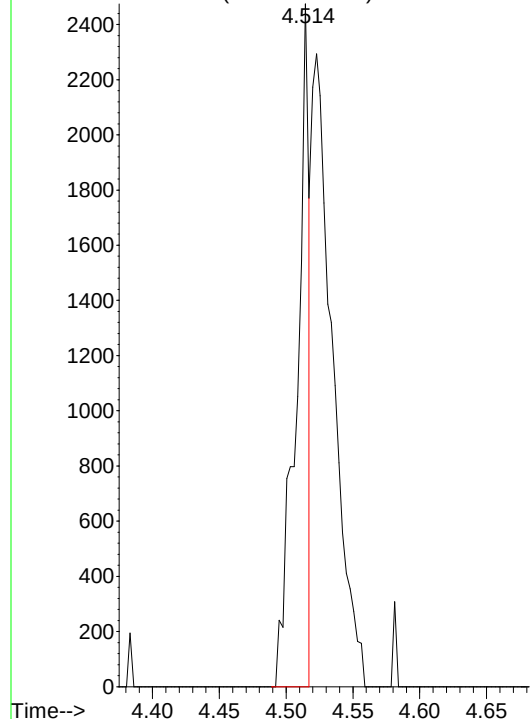
Manual Integration
TETRAHYDROFURAN

Abundance Ion 42.10 (41.80 to 42.80): C22V21910.D



Original Integration
BENZENE

Abundance Ion 78.00 (77.70 to 78.70): C22V21910.D



Original Int. Results

RT : 4.51
Area : 1613
Amount: 0.143975

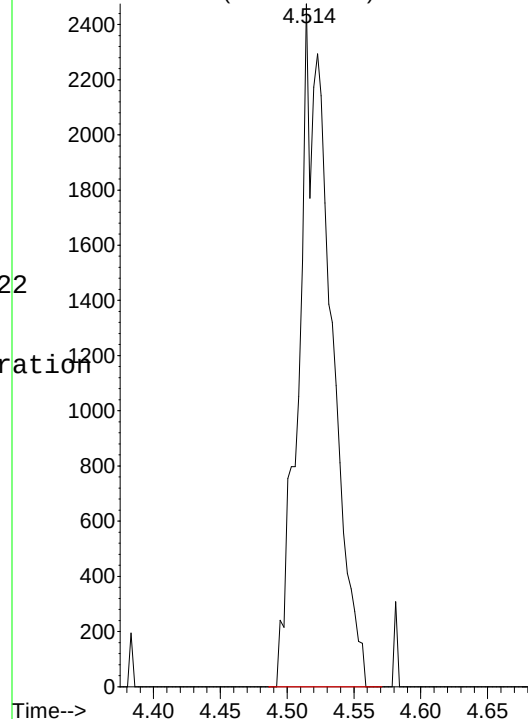
Manual Int. Results

Mon Aug 08 12:13:11 2022

MIuser: EEH
Reason: Incoret Integration
RT : 4.51
Area : 4104
Amount: 0.366318

Manual Integration
BENZENE

Abundance Ion 78.00 (77.70 to 78.70): C22V21910.D



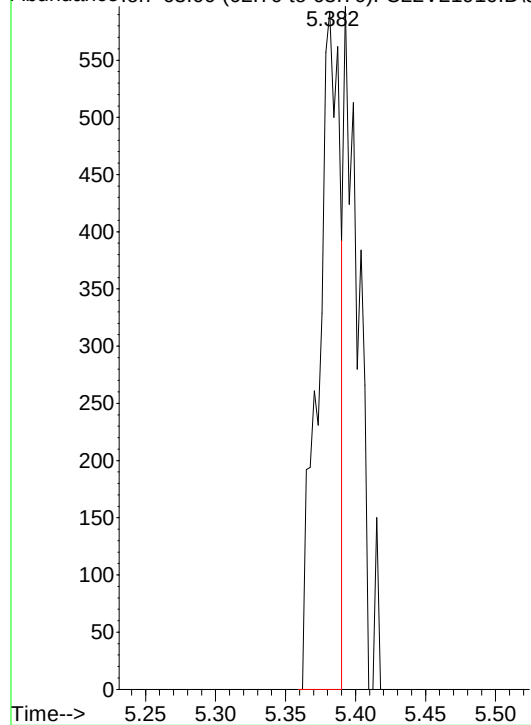
Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

1,2-DICHLOROPROPANE

Abundance Ion 63.00 (62.70 to 63.70): C22V21910.D



Original Int. Results

RT : 5.38
Area : 637
Amount: 0.208613

Manual Int. Results

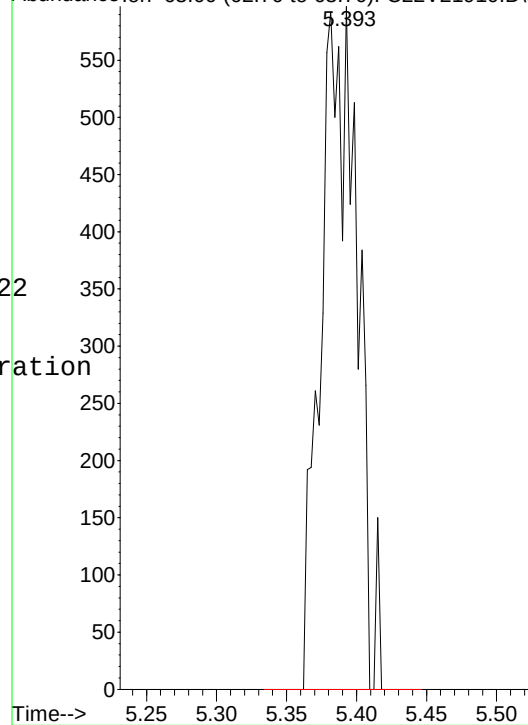
Mon Aug 08 12:13:17 2022

MIuser: EEH
Reason: Incoret Integration
RT : 5.39
Area : 1075
Amount: 0.352055

Manual Integration

1,2-DICHLOROPROPANE

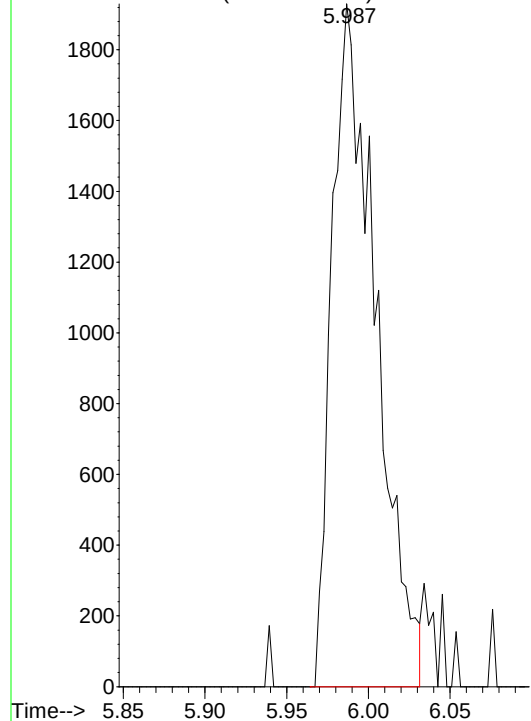
Abundance Ion 63.00 (62.70 to 63.70): C22V21910.D



Original Integration

2-CHLOROETHYL VINYLETHER

Abundance Ion 63.00 (62.70 to 63.70): C22V21910.D



Original Int. Results

RT : 5.99
Area : 3594
Amount: 2.40983

Manual Int. Results

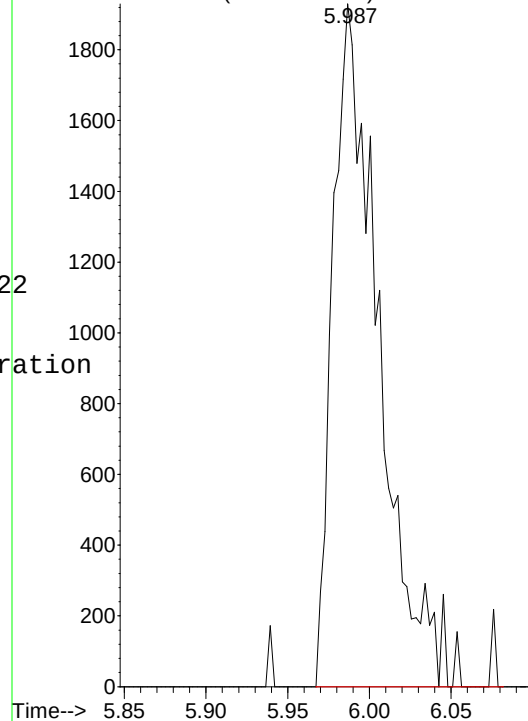
Mon Aug 08 12:13:26 2022

MIuser: EEH
Reason: Incoret Integration
RT : 5.99
Area : 3813
Amount: 2.55667

Manual Integration

2-CHLOROETHYL VINYLETHER

Abundance Ion 63.00 (62.70 to 63.70): C22V21910.D

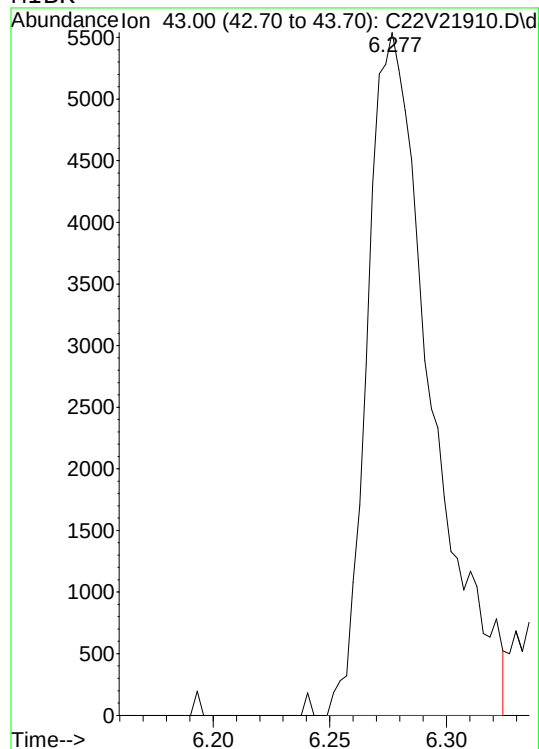


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

MIBK



Original Int. Results

RT : 6.28
Area : 10540
Amount: 2.34447

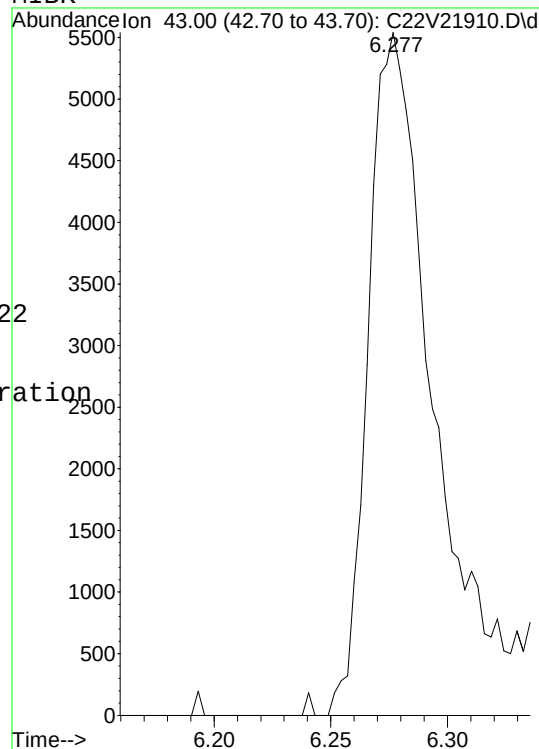
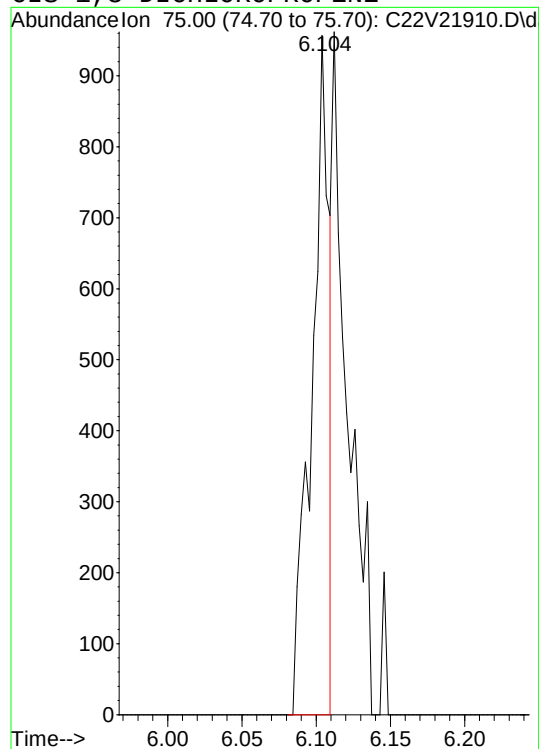
Manual Int. Results

Mon Aug 08 12:13:31 2022

MIuser: EEH
Reason: Incoret Integration
RT : 6.28
Area : 13328
Amount: 2.96462

Manual Integration

MIBK

Original Integration
CIS-1,3-DICHLOROPROPENE

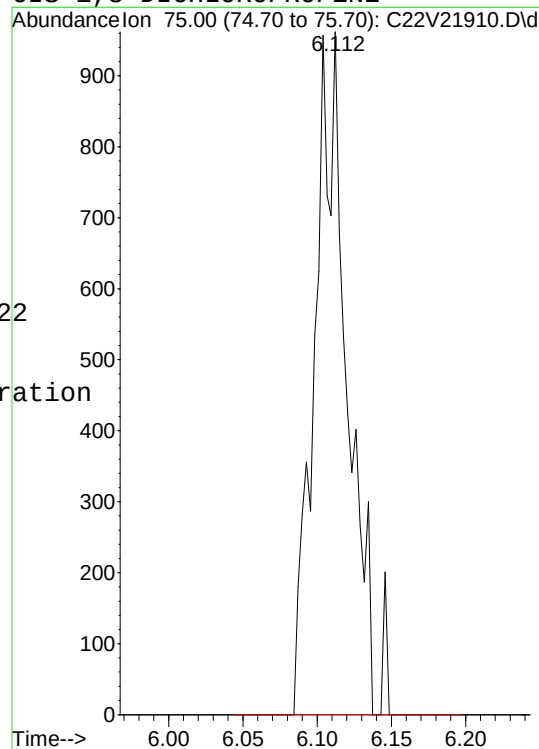
Original Int. Results

RT : 6.10
Area : 779
Amount: 0.167276

Manual Int. Results

Mon Aug 08 12:13:34 2022

MIuser: EEH
Reason: Incoret Integration
RT : 6.11
Area : 1497
Amount: 0.321454

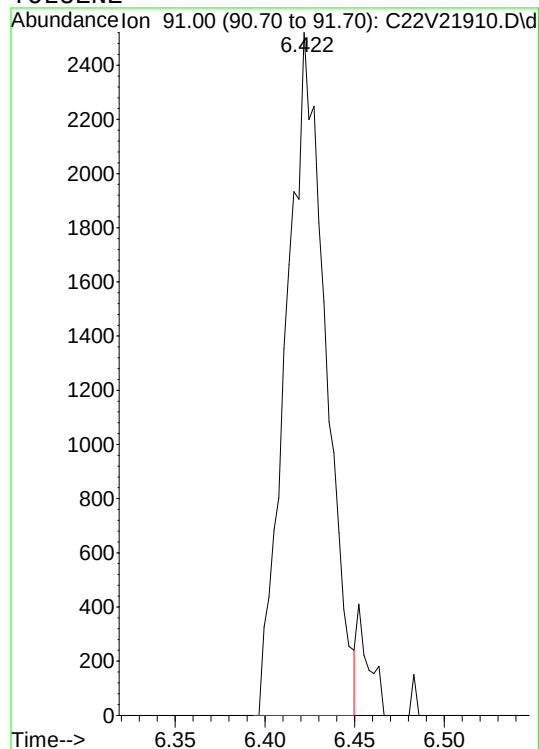
Manual Integration
CIS-1,3-DICHLOROPROPENE

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

TOLUENE



Original Int. Results

RT : 6.42
Area : 3854
Amount: 0.344261

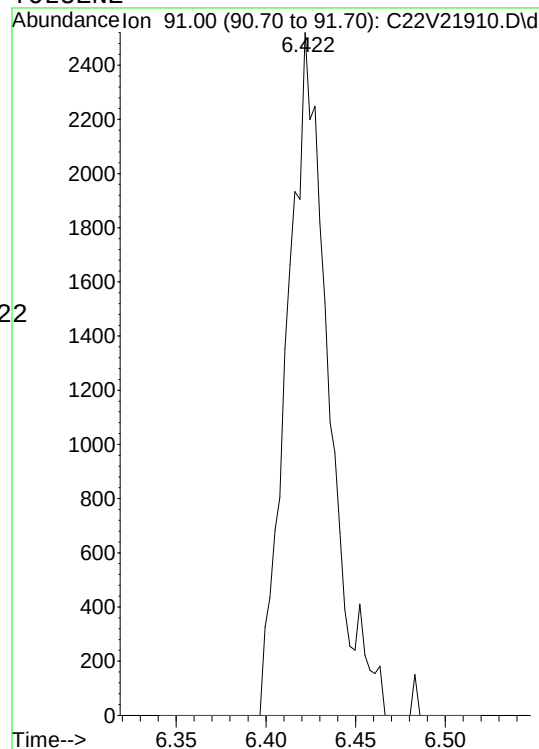
Manual Int. Results

Mon Aug 08 12:13:36 2022

MIuser: EEH
Reason: Other
RT : 6.42
Area : 4069
Amount: 0.363466

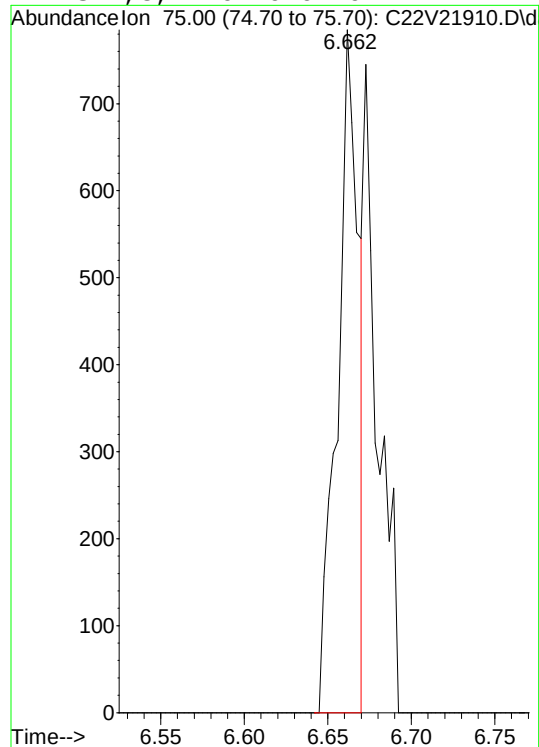
Manual Integration

TOLUENE



Original Integration

TRANS-1,3,-DICHLOROPROPENE



Original Int. Results

RT : 6.66
Area : 687
Amount: 0.163189

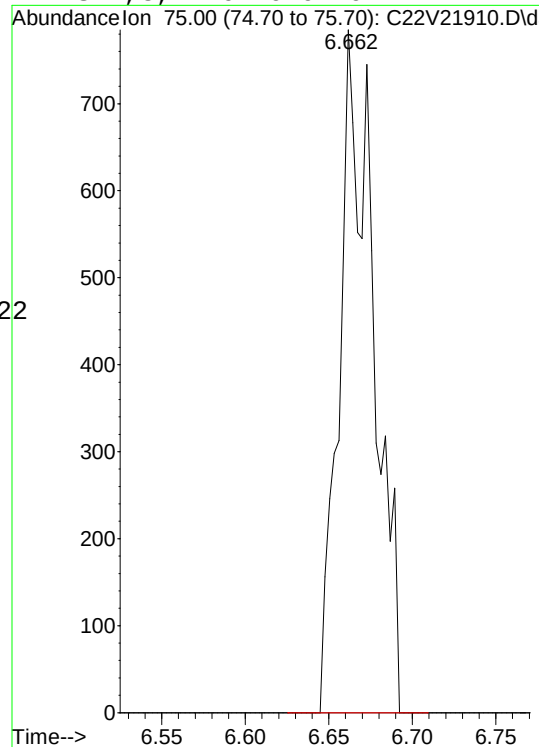
Manual Int. Results

Mon Aug 08 12:13:39 2022

MIuser: EEH
Reason: Other
RT : 6.66
Area : 1127
Amount: 0.267706

Manual Integration

TRANS-1,3,-DICHLOROPROPENE

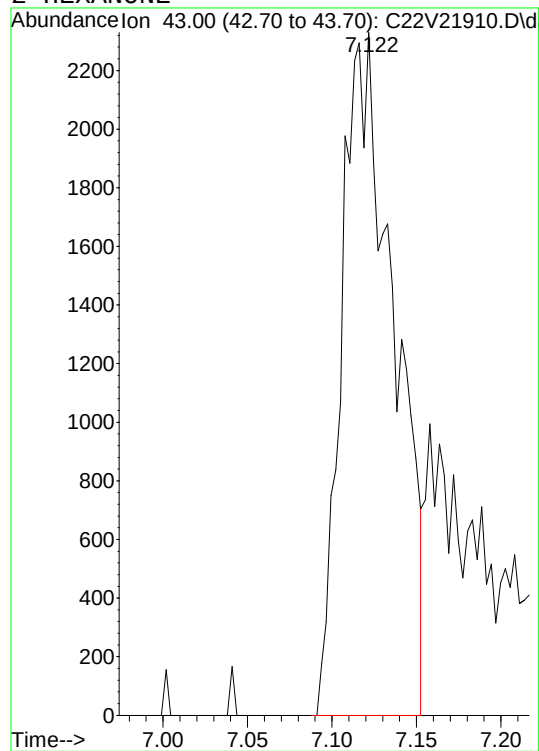


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

2-HEXANONE



Original Int. Results

RT : 7.12
Area : 5047
Amount: 1.56305

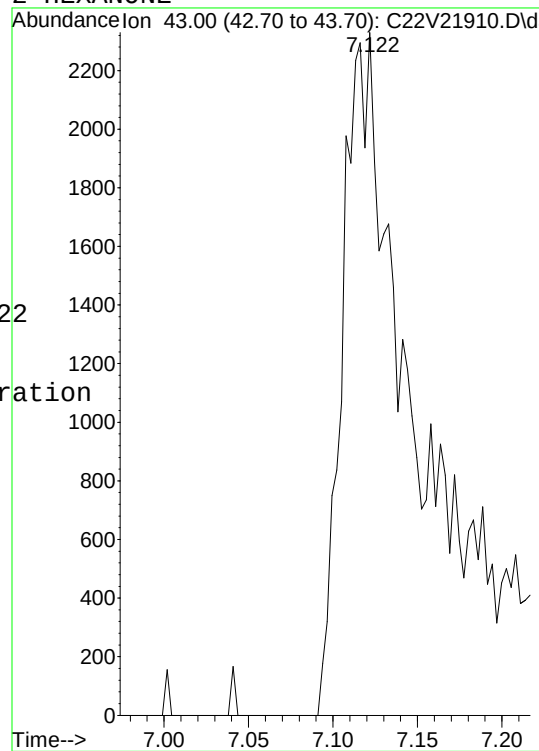
Manual Int. Results

Mon Aug 08 12:13:46 2022

MIuser: EEH
Reason: Incoret Integration
RT : 7.12
Area : 8733
Amount: 2.7046

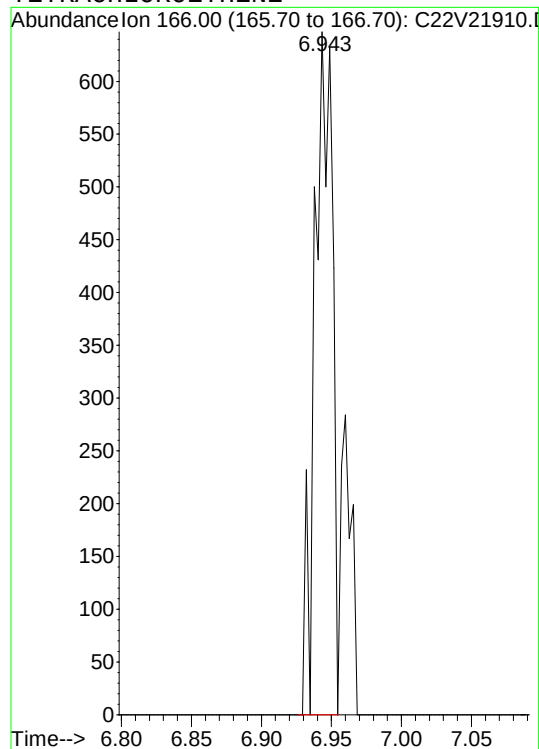
Manual Integration

2-HEXANONE



Original Integration

TETRACHLOROETHENE



Original Int. Results

RT : 6.94
Area : 563
Amount: 0.217238

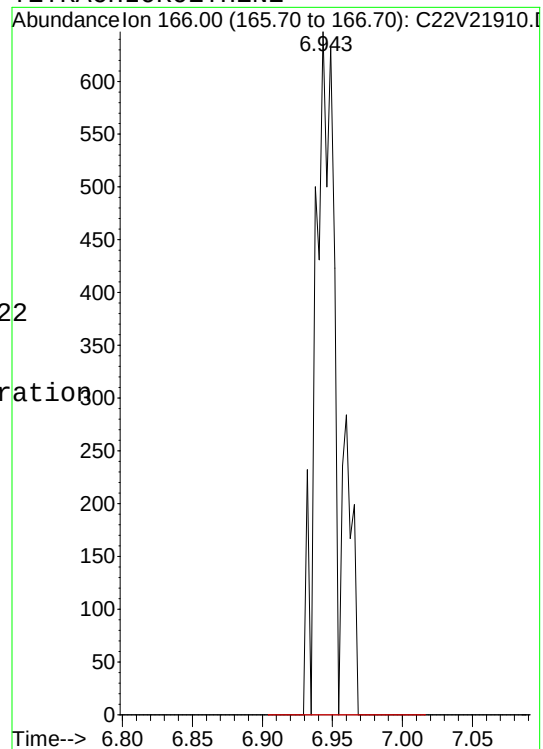
Manual Int. Results

Mon Aug 08 12:13:49 2022

MIuser: EEH
Reason: Incoret Integration
RT : 6.94
Area : 711
Amount: 0.274346

Manual Integration

TETRACHLOROETHENE



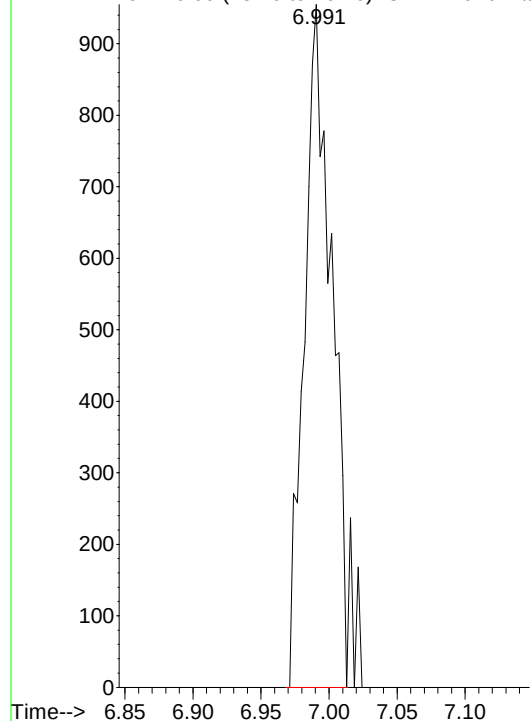
Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

1,3-DICHLOROPROPANE

Abundance on 76.00 (75.70 to 76.70): C22V21910.Did



Original Int. Results

RT : 6.99
Area : 1322
Amount: 0.269115

Manual Int. Results

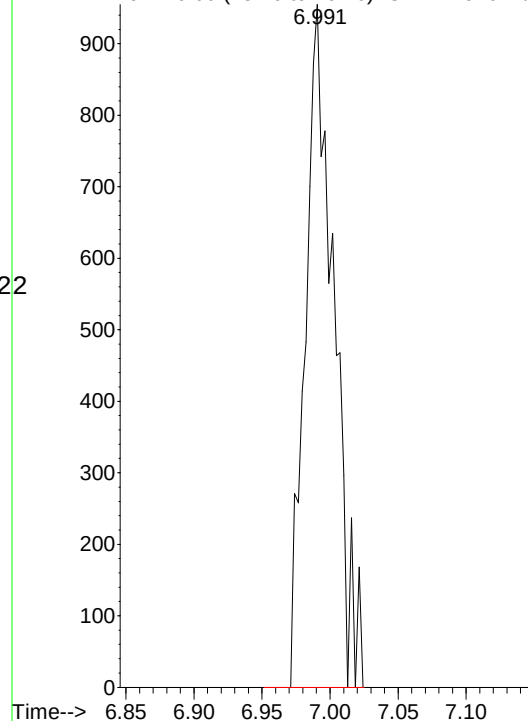
Mon Aug 08 12:13:51 2022

MIuser: EEH
Reason: Other
RT : 6.99
Area : 1390
Amount: 0.282957

Manual Integration

1,3-DICHLOROPROPANE

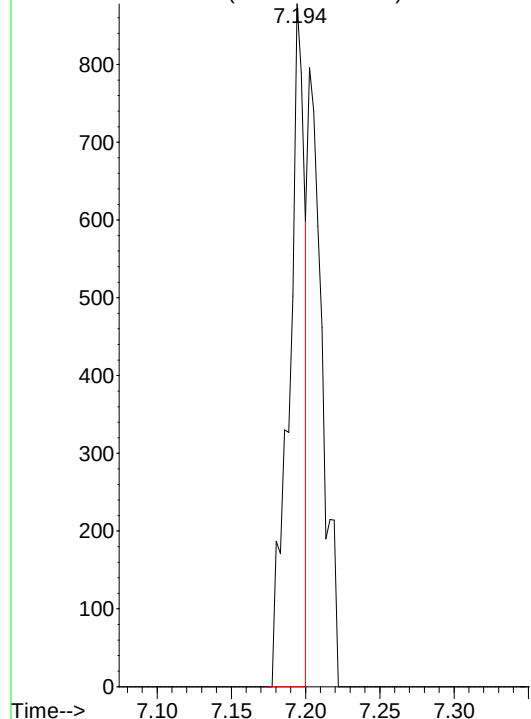
Abundance on 76.00 (75.70 to 76.70): C22V21910.Did



Original Integration

DIBROMOCHLOROMETHANE

Abundance on 129.00 (128.70 to 129.70): C22V21910.Did



Original Int. Results

RT : 7.19
Area : 633
Amount: 0.208798

Manual Int. Results

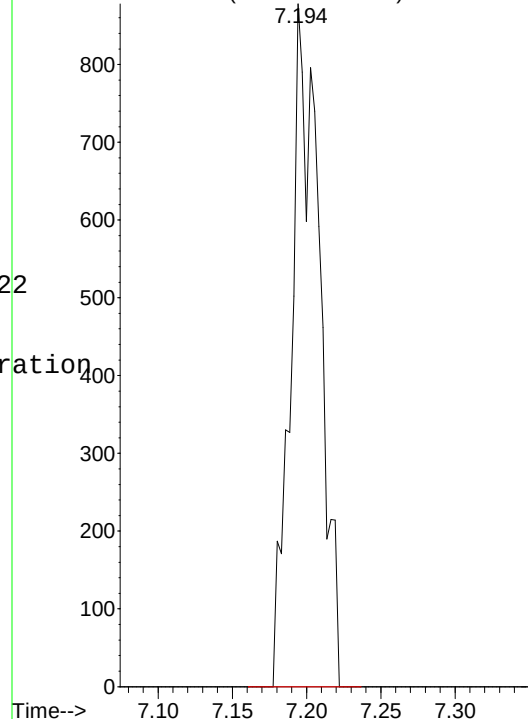
Mon Aug 08 12:13:54 2022

MIuser: EEH
Reason: Incoret Integration
RT : 7.19
Area : 1170
Amount: 0.38593

Manual Integration

DIBROMOCHLOROMETHANE

Abundance on 129.00 (128.70 to 129.70): C22V21910.Did



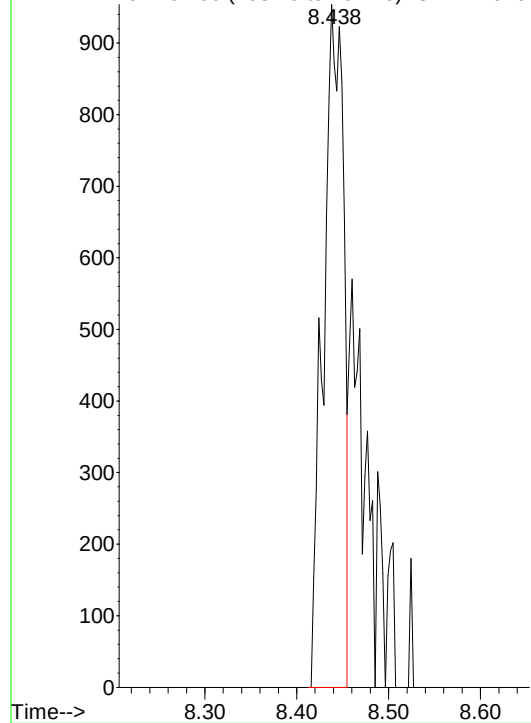
Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

STYRENE

Abundance Ion 104.00 (103.70 to 104.70): C22V21910.D



Original Int. Results

RT : 8.44
Area : 1458
Amount: 0.192486

Manual Int. Results

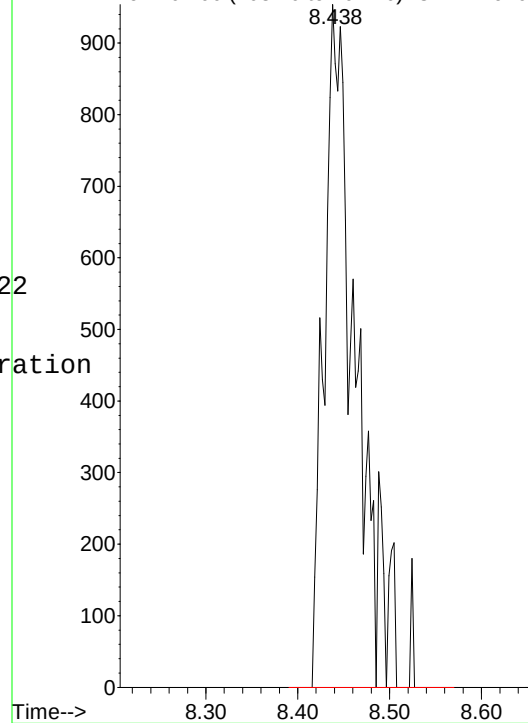
Mon Aug 08 12:14:02 2022

MIuser: EEH
Reason: Incoret Integration
RT : 8.44
Area : 2326
Amount: 0.307079

Manual Integration

STYRENE

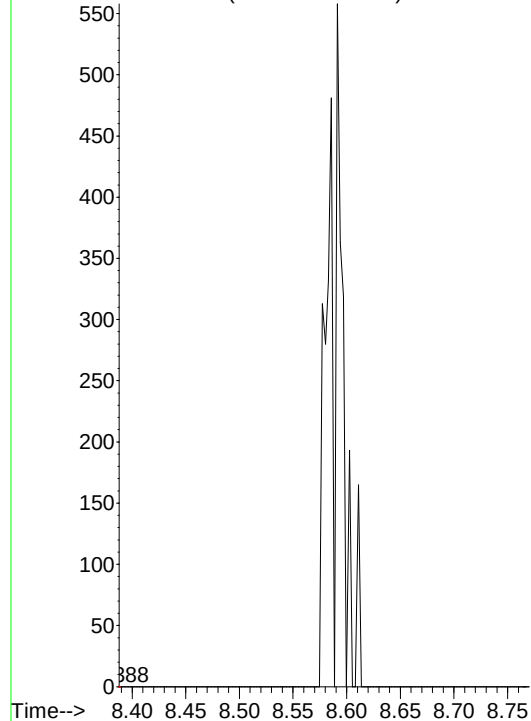
Abundance Ion 104.00 (103.70 to 104.70): C22V21910.D



Original Integration

BROMOFORM

Abundance Ion 173.00 (172.70 to 173.70): C22V21910.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

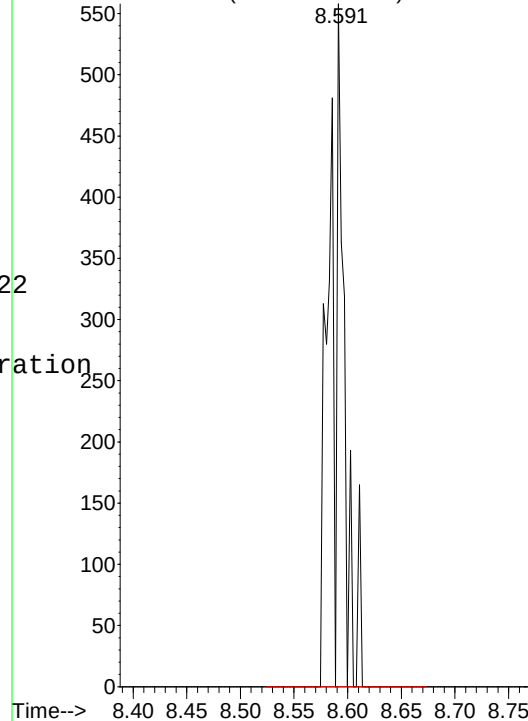
Mon Aug 08 12:14:05 2022

MIuser: EEH
Reason: Incoret Integration
RT : 8.59
Area : 503
Amount: 0.228768

Manual Integration

BROMOFORM

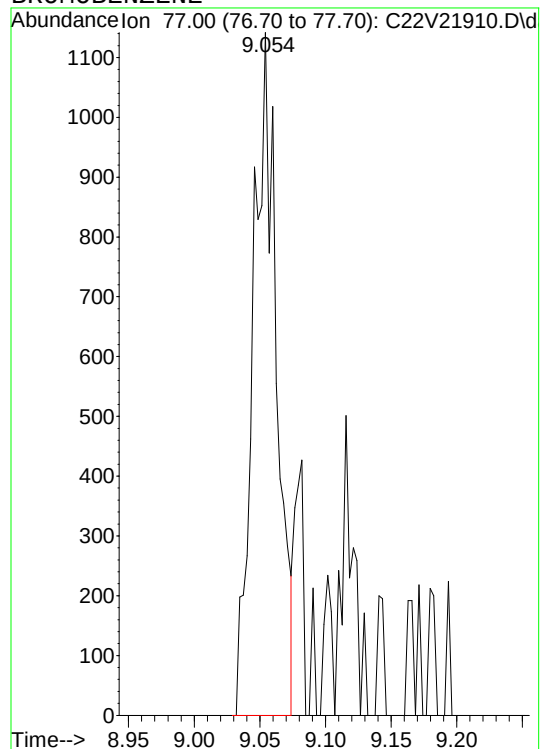
Abundance Ion 173.00 (172.70 to 173.70): C22V21910.D



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
BROMOBENZENE



Original Int. Results

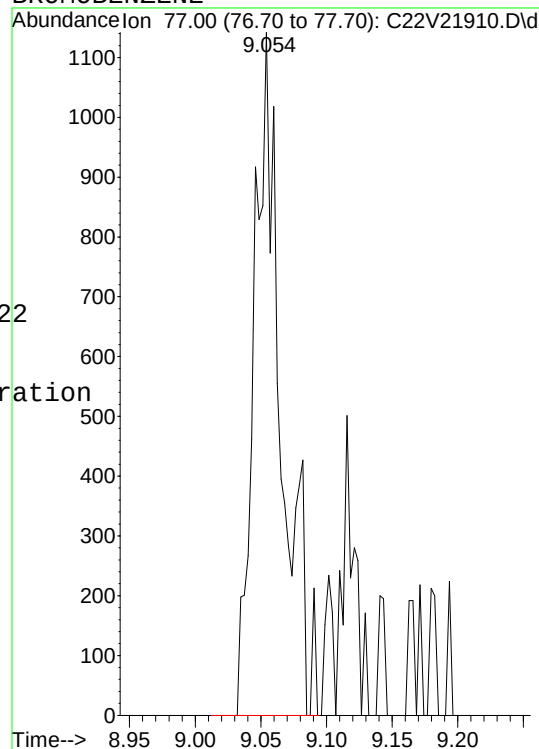
RT : 9.05
Area : 1419
Amount: 0.284194

Manual Int. Results

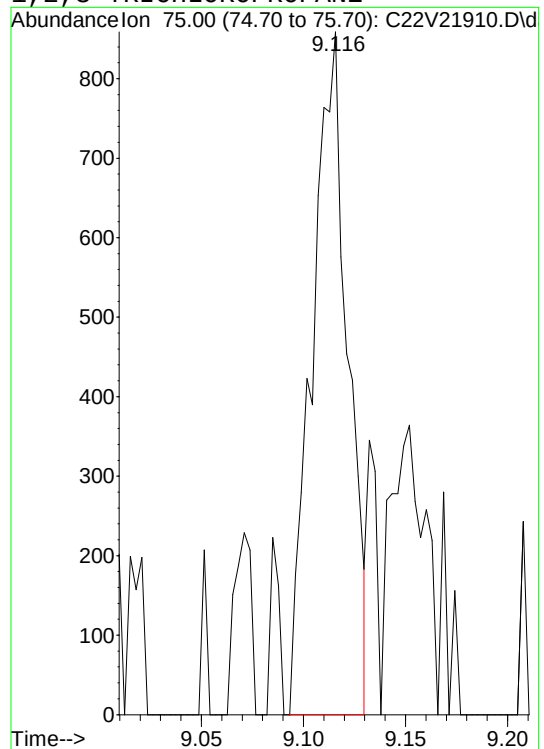
Mon Aug 08 12:14:11 2022

MIuser: EEH
Reason: Incoret Integration
RT : 9.05
Area : 1649
Amount: 0.330258

Manual Integration
BROMOBENZENE



Original Integration
1,2,3-TRICHLOROPROPANE



Original Int. Results

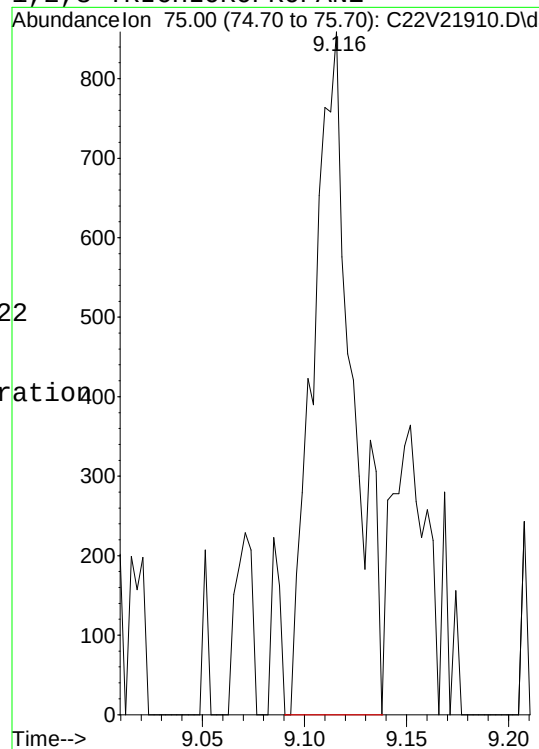
RT : 9.12
Area : 1043
Amount: 0.301014

Manual Int. Results

Mon Aug 08 12:14:18 2022

MIuser: EEH
Reason: Incoret Integration
RT : 9.12
Area : 1153
Amount: 0.33276

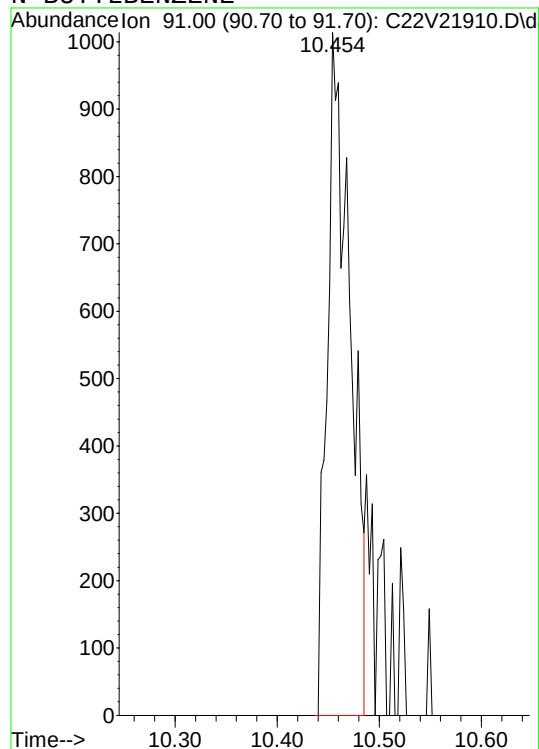
Manual Integration
1,2,3-TRICHLOROPROPANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
N-BUTYLBENZENE



Original Int. Results

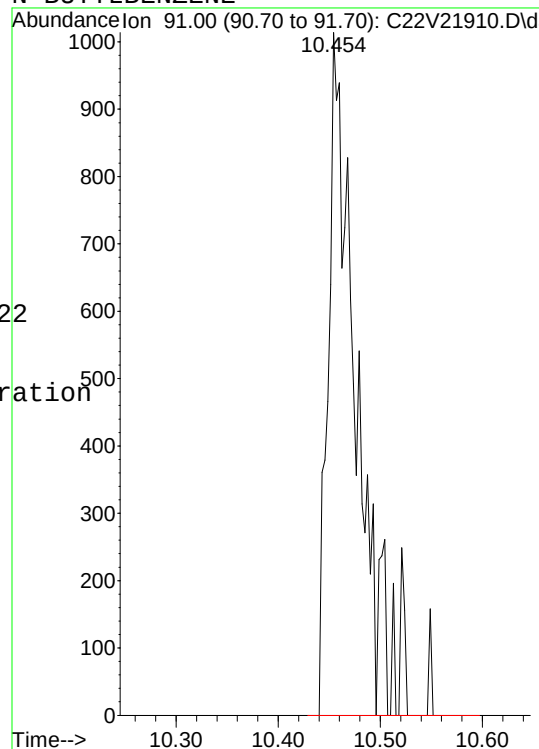
RT : 10.45
Area : 1592
Amount: 0.201569

Manual Int. Results

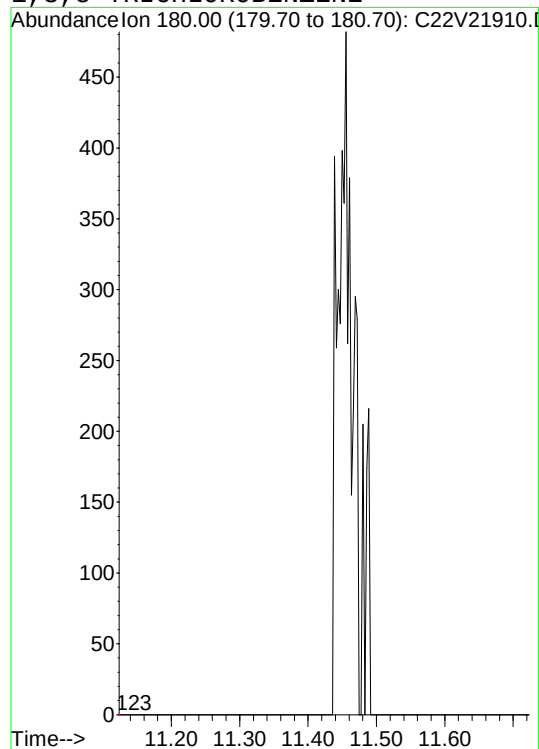
Mon Aug 08 12:14:31 2022

MIuser: EEH
Reason: Incoret Integration
RT : 10.45
Area : 1989
Amount: 0.251835

Manual Integration
N-BUTYLBENZENE



Original Integration
1,3,5-TRICHLOROBENZENE



Original Int. Results

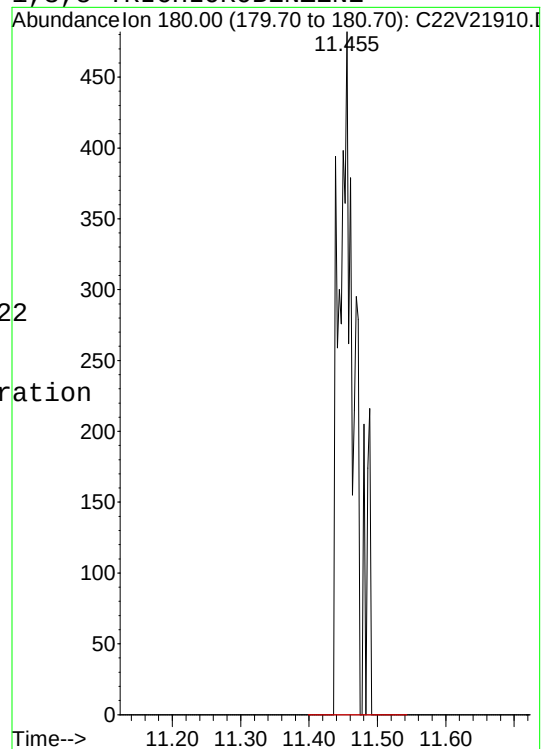
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Mon Aug 08 12:14:35 2022

MIuser: EEH
Reason: Incoret Integration
RT : 11.46
Area : 778
Amount: 0.213545

Manual Integration
1,3,5-TRICHLOROBENZENE

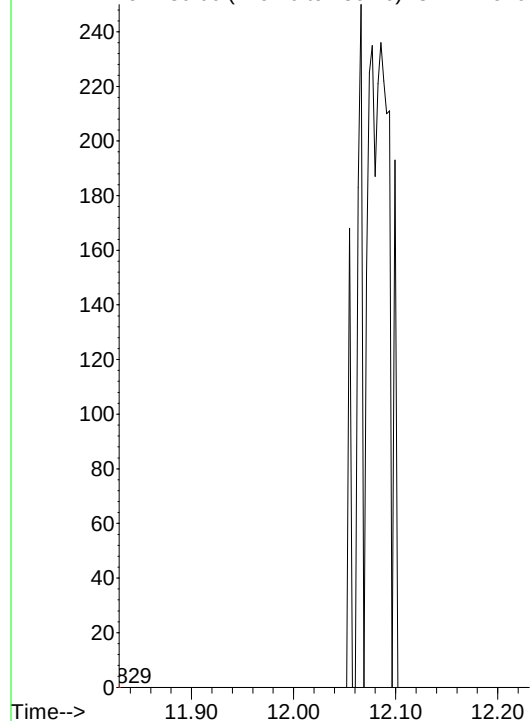


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,4-TRICHLOROBENZENE

Abundance on 180.00 (179.70 to 180.70): C22V21910.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

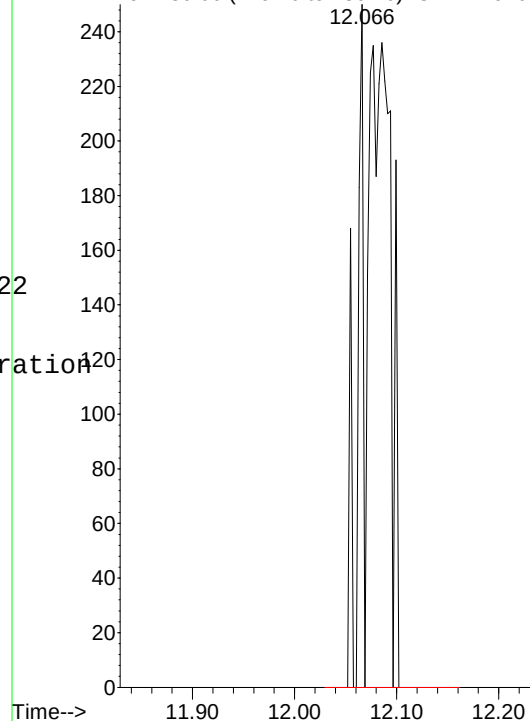
Manual Int. Results

Mon Aug 08 12:14:37 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.07
Area : 450
Amount: 0.131131

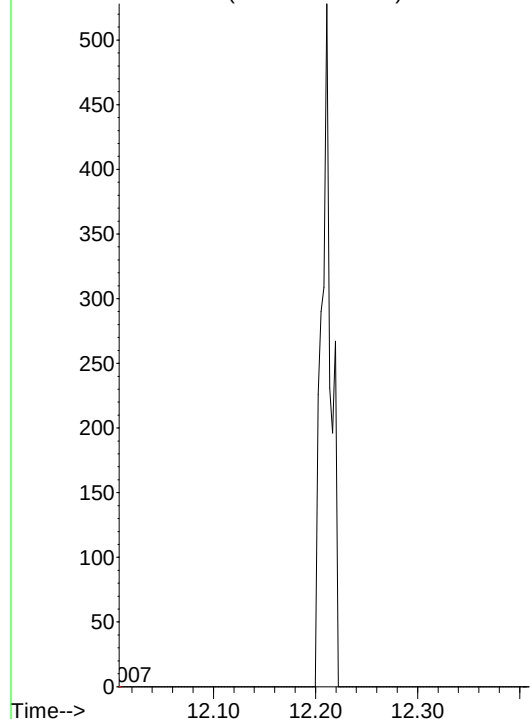
Manual Integration
1,2,4-TRICHLOROBENZENE

Abundance on 180.00 (179.70 to 180.70): C22V21910.D



Original Integration
HEXACHLOROBUTADIENE

Abundance on 225.00 (224.70 to 225.70): C22V21910.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Mon Aug 08 12:14:40 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.21
Area : 343
Amount: 0.262458

Manual Integration
HEXACHLOROBUTADIENE

Abundance on 225.00 (224.70 to 225.70): C22V21910.D



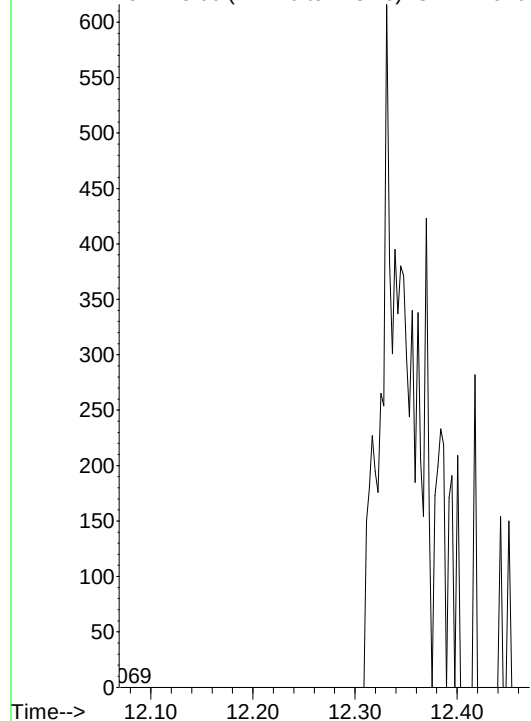
Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

NAPHTHALENE

Abundance on 128.00 (127.70 to 128.70): C22V21910.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

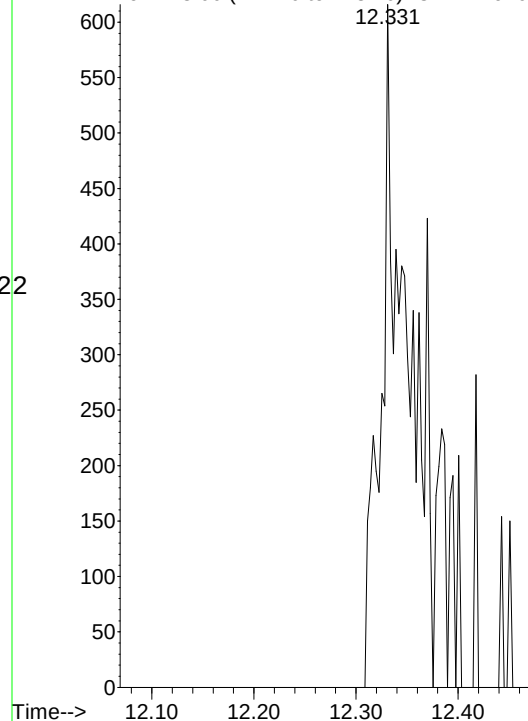
Mon Aug 08 12:14:43 2022

MIuser: EEH
Reason: Other
RT : 12.33
Area : 1432
Amount: 0.139595

Manual Integration

NAPHTHALENE

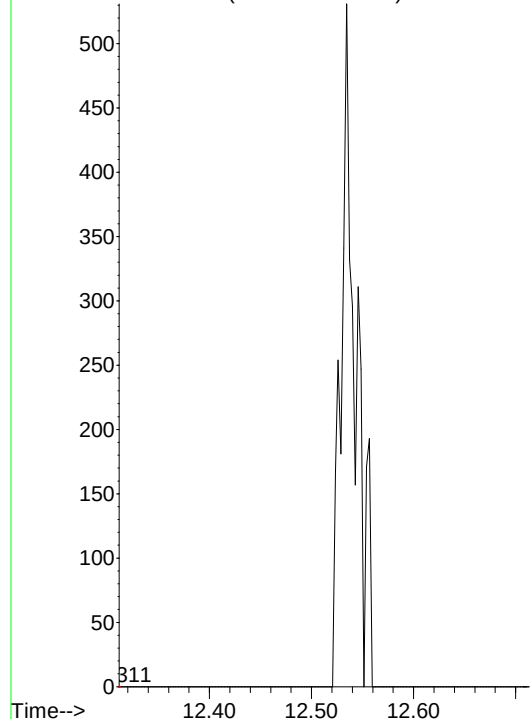
Abundance on 128.00 (127.70 to 128.70): C22V21910.D



Original Integration

1,2,3-TRICHLOROBENZENE

Abundance on 180.00 (179.70 to 180.70): C22V21910.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

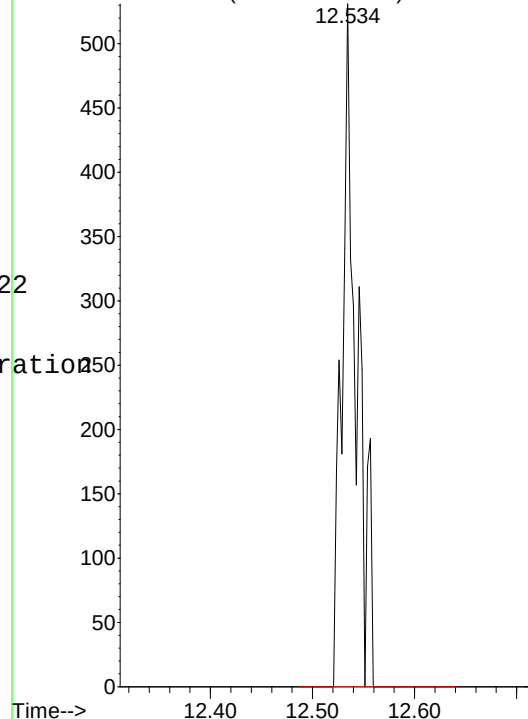
Mon Aug 08 12:14:45 2022

MIuser: EEH
Reason: Incorrect Integration
RT : 12.53
Area : 532
Amount: 0.156079

Manual Integration

1,2,3-TRICHLOROBENZENE

Abundance on 180.00 (179.70 to 180.70): C22V21910.D



Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21911.D
 Acq On : 8 Aug 2022 11:09 am
 Operator :
 Sample : 8260STD 0.5PPB 2206105
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 08 12:17:29 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.194	168	193591	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	284959	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.752	82	139363	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	134791	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	91408	25.10	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.40%	
49) TOLUENE SS	6.352	98	281602	24.78	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.12%	
71) 4-BROMOFLUOROBENZENE SS	8.909	95	103051	24.93	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.72%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	1080	0.34	UG/L	# 43
4) DIFLUOROCHLOROMETHANE	1.093	51	1615	0.43	UG/L	# 100
5) CHLOROMETHANE	1.196	50	2636	0.63	UG/L	# 31
6) VINYL CHLORIDE	1.263	62	1381	0.41	UG/L	# 33
7) BROMOMETHANE	1.455	94	1549	0.84	UG/L	97
8) CHLOROETHANE	1.522	64	1108m	0.60	UG/L	
9) FLUORODICHLOROMETHANE	1.636	67	2311	0.45	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.678	101	1606	0.43	UG/L	91
12) DI ETHYL ETHER	1.868	59	934	0.39	UG/L	92
13) ACROLEIN	1.957	56	2478	3.11	UG/L	92
14) ACETONE	2.066	43	5960	4.91	UG/L	98
15) 1,1-DICHLOROETHENE	2.030	61	1856	0.50	UG/L	91
16) 1,1,2-TRICL-1,2,2-TRIF...	2.024	101	911	0.44	UG/L	# 3
17) IODOMETHANE	2.141	142	10406	3.39	UG/L	99
20) METHYL ACETATE	2.325	43	2205	0.59	UG/L	# 64
21) T-BUTYL ALCOHOL	2.504	59	1955	4.19	UG/L	# 53
22) ACRYLONITRILE	2.626	53	559	0.35	UG/L	# 10
23) METHYLENE CHLORIDE	2.398	49	1893	0.48	UG/L	98
24) CARBON DISULFIDE	2.194	76	33803	4.68	UG/L	98
25) METHYL TERT-BUTYL ETHE...	2.640	73	4099	0.48	UG/L	# 50
26) TRANS 1,2-DICHLOROETHENE	2.632	61	1890	0.49	UG/L	92
27) 1,1-DICHLOROETHANE	3.047	63	2356m	0.45	UG/L	
28) VINYL ACETATE	3.117	43	33238	3.33	UG/L	99
29) DI ISOPROYL ETHER	3.134	45	4335	0.39	UG/L	# 52
31) 2-BUTANONE	3.692	43	6325	2.90	UG/L	# 98
32) T-BUTYL ETHYL ETHER	3.505	59	3792m	0.40	UG/L	
33) CIS-1,2-DICHLOROETHENE	3.641	61	1809	0.40	UG/L	# 69
34) 2,2-DICHLOROPROPANE	3.633	77	1715	0.44	UG/L	# 47
35) ETHYL ACETATE	3.773	43	2120m	0.48	UG/L	
38) BROMOCHLOROMETHANE	3.887	49	1046	0.39	UG/L	93
39) TETRAHYDROFURAN	3.957	42	308m	0.24	UG/L	
40) CHLOROFORM	3.979	83	2108	0.44	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.141	97	1777	0.46	UG/L	# 44
42) CYCLOHEXANE	4.191	56	5137	1.13	UG/L	# 43
43) CARBON TETRACHLORIDE	4.308	117	1323m	0.41	UG/L	
44) 1,1-DICHLOROPROPENE	4.314	75	1282	0.36	UG/L	# 39
45) BENZENE	4.514	78	4790	0.43	UG/L	# 87
47) T-AMYL METHYL ETHER	4.657	73	3440	0.41	UG/L	# 89
50) 1,2-DICHLOROETHANE	4.548	62	1668	0.43	UG/L	# 74
51) TRICHLOROETHENE	5.161	95	1003	0.40	UG/L	# 71
52) METHYLCYCLOHEXANE	5.343	83	1100	0.32	UG/L	# 60
53) 1,2-DICHLOROPROPANE	5.393	63	1156m	0.38	UG/L	
54) DIBROMOMETHANE	5.499	93	780	0.42	UG/L	# 83

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21911.D
 Acq On : 8 Aug 2022 11:09 am
 Operator :
 Sample : 8260STD 0.5PPB 2206105
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Inst : GCMSVOA3

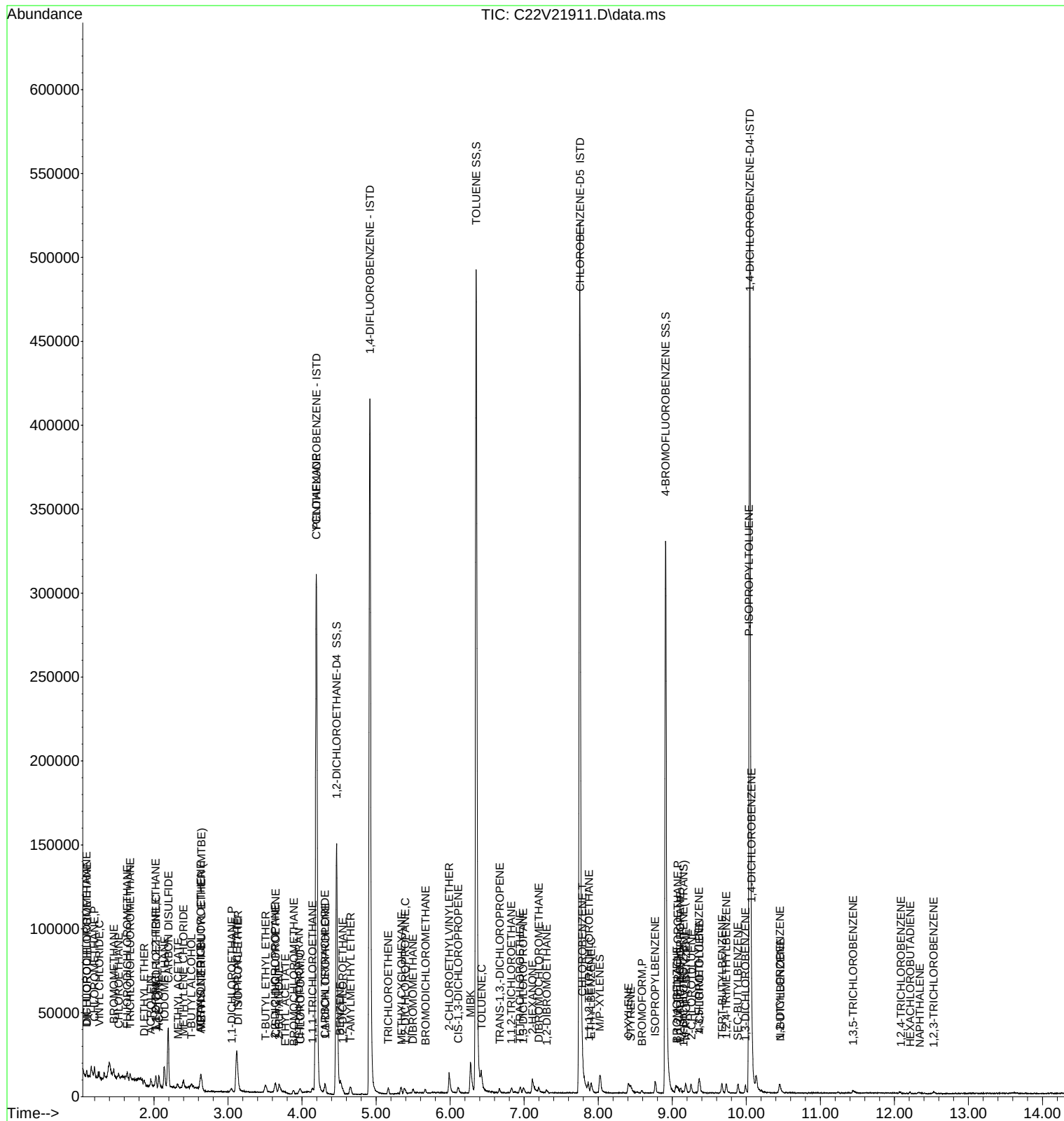
Quant Time: Aug 08 12:17:29 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) BROMODICHLOROMETHANE	5.666	83	1427	0.40	UG/L	# 72
58) 2-CHLOROETHYL VINYLETHYR	5.984	63	4889m	3.33	UG/L	
59) MIBK	6.274	43	16105m	3.64	UG/L	
60) CIS-1,3-DICHLOROPROPENE	6.109	75	1759	0.38	UG/L	# 51
61) TOLUENE	6.425	91	4999	0.45	UG/L	97
62) TRANS-1,3,-DICHLOROPRO...	6.670	75	1506	0.36	UG/L	# 48
64) 1,1,2-TRICHLOROETHANE	6.823	97	968	0.37	UG/L	# 15
65) 2-HEXANONE	7.111	43	10150m	3.20	UG/L	
66) TETRACHLOROETHENE	6.943	166	1038	0.41	UG/L	# 69
67) 1,3-DICHLOROPROPANE	6.985	76	1894	0.39	UG/L	# 43
68) DIBROMOCHLOROMETHANE	7.197	129	1242	0.42	UG/L	98
69) 1,2-DIBROMOETHANE	7.303	107	949	0.33	UG/L	89
72) CHLOROBENZENE	7.785	112	3019	0.44	UG/L	# 87
73) 1,1,1,2-TETRACHLOROETHANE	7.875	131	1083	0.44	UG/L	# 59
74) ETHYLBENZENE	7.902	91	4578	0.39	UG/L	94
75) M/P-XYLENES	8.020	91	7493	0.84	UG/L	98
76) O-XYLENE	8.407	91	3769	0.41	UG/L	98
77) STYRENE	8.441	104	3065m	0.41	UG/L	
78) BROMOFORM	8.591	173	743	0.34	UG/L	# 36
79) ISOPROPYLBENZENE	8.767	105	4324	0.40	UG/L	# 72
81) 1,1,2,2-TETRACHLOROETHANE	9.074	83	1590m	0.39	UG/L	
82) 1,4-DICHLORO-2-BUTENE(...	9.152	53	320m	0.31	UG/L	
83) BROMOBENZENE	9.060	77	2122	0.43	UG/L	# 79
84) 1,2,3-TRICHLOROPROPANE	9.107	75	1858m	0.55	UG/L	
85) N-PROPYLBENZENE	9.185	91	4819	0.38	UG/L	97
86) 2-CHLOROTOLUENE	9.258	91	3574	0.45	UG/L	89
87) 1,3,5-TRIMETHYLBENZENE	9.361	105	3543	0.40	UG/L	# 62
88) 4-CHLOROTOLUENE	9.367	91	3327	0.37	UG/L	97
90) TERT-BUTYLBENZENE	9.673	119	2967	0.41	UG/L	88
91) 1,2,4-TRIMETHYLBENZENE	9.729	105	3726	0.41	UG/L	93
92) SEC-BUTYLBENZENE	9.885	105	3802	0.37	UG/L	92
93) 1,3-DICHLOROBENZENE	9.988	146	2154	0.40	UG/L	# 75
94) P-ISOPROPYLTOLUENE	10.036	119	3396	0.38	UG/L	# 76
95) 1,4-DICHLOROBENZENE	10.069	146	2449	0.43	UG/L	# 70
97) N-BUTYLBENZENE	10.460	91	2413m	0.30	UG/L	
98) 1,2-DICHLOROBENZENE	10.454	146	2164	0.40	UG/L	# 90
100) 1,3,5-TRICHLOROBENZENE	11.441	180	986m	0.27	UG/L	
101) 1,2,4-TRICHLOROBENZENE	12.088	180	644m	0.19	UG/L	
102) HEXACHLOROBUTADIENE	12.214	225	392m	0.30	UG/L	
103) NAPHTHALENE	12.342	128	2023m	0.20	UG/L	
104) 1,2,3-TRICHLOROBENZENE	12.532	180	743m	0.22	UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

213

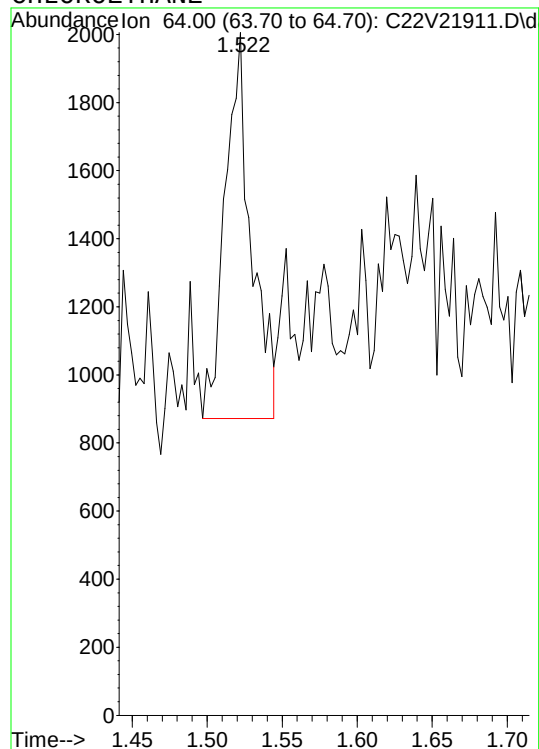
Quant Time: Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
CHLOROETHANE



Original Int. Results

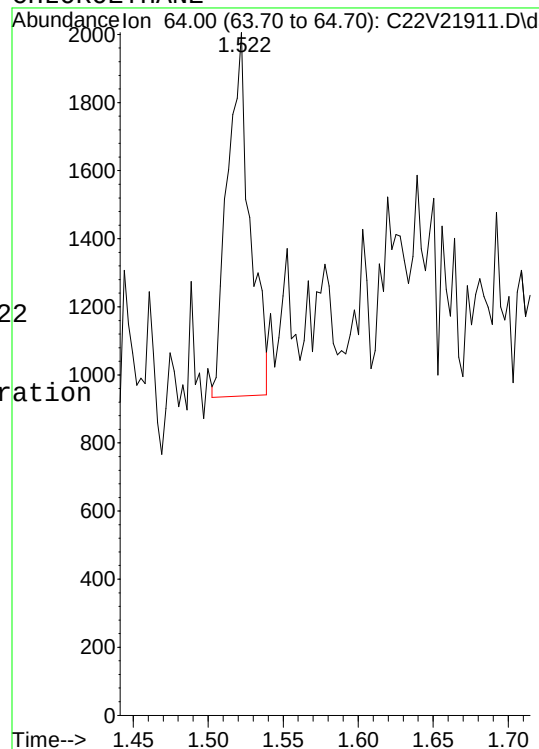
RT : 1.52
Area : 1367
Amount: 0.735156

Manual Int. Results

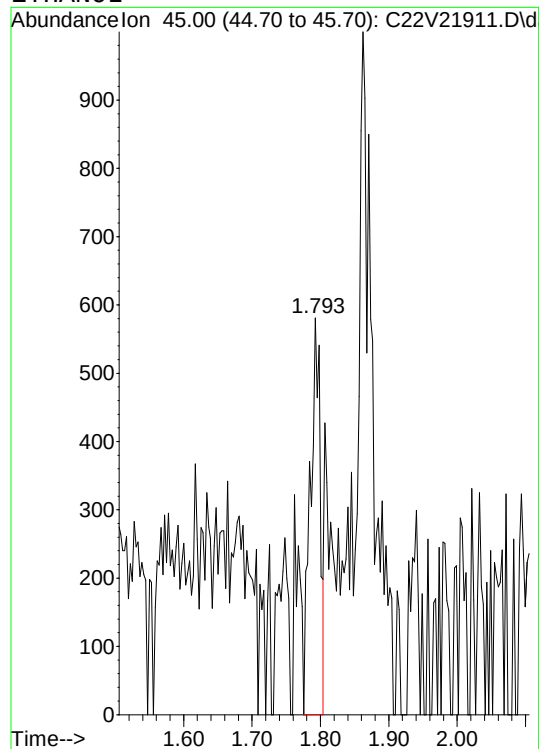
Mon Aug 08 12:15:24 2022

MIuser: EEH
Reason: Incoret Integration
RT : 1.52
Area : 1108
Amount: 0.595869

Manual Integration
CHLOROETHANE



Original Integration
ETHANOL



Original Int. Results

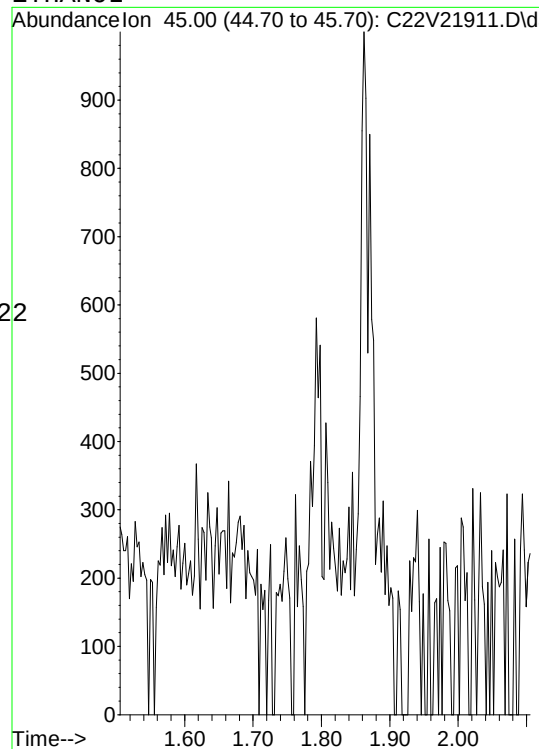
RT : 1.79
Area : 584
Amount: 8.85115

Manual Int. Results

Mon Aug 08 12:15:32 2022

MIuser: EEH
Reason: Split Peak
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



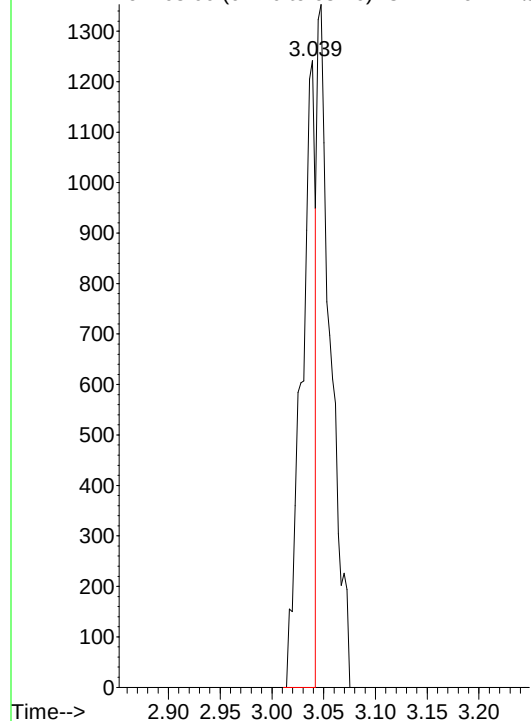
Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

1,1-DICHLOROETHANE

Abundance on 63.00 (62.70 to 63.70): C22V21911.Did



Original Int. Results

RT : 3.04
Area : 1132
Amount: 0.217899

Manual Int. Results

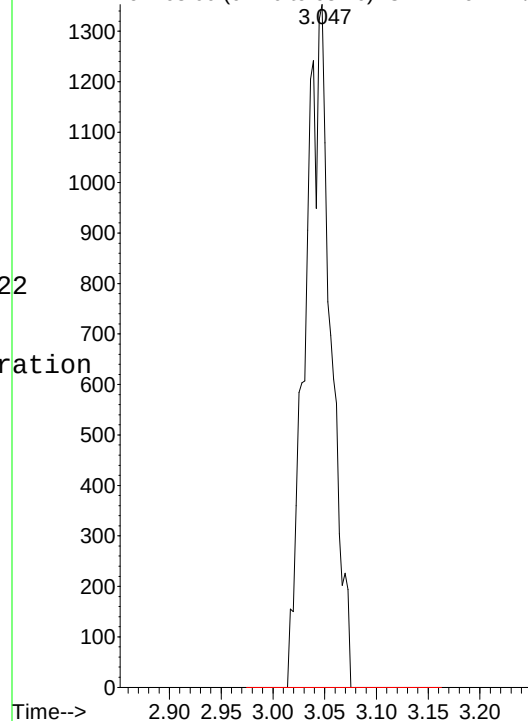
Mon Aug 08 12:15:43 2022

MIuser: EEH
Reason: Incoret Integration
RT : 3.05
Area : 2356
Amount: 0.453508

Manual Integration

1,1-DICHLOROETHANE

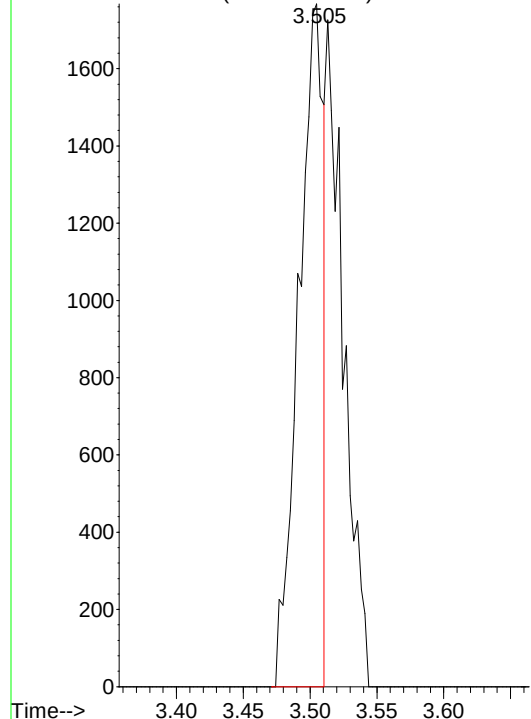
Abundance on 63.00 (62.70 to 63.70): C22V21911.Did



Original Integration

T-BUTYL ETHYL ETHER

Abundance on 59.10 (58.80 to 59.80): C22V21911.Did



Original Int. Results

RT : 3.50
Area : 2237
Amount: 0.238858

Manual Int. Results

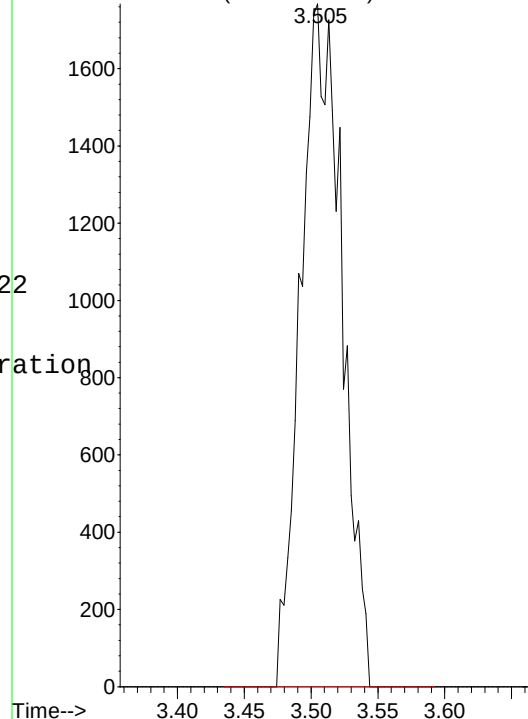
Mon Aug 08 12:15:48 2022

MIuser: EEH
Reason: Incoret Integration
RT : 3.50
Area : 3792
Amount: 0.404895

Manual Integration

T-BUTYL ETHYL ETHER

Abundance on 59.10 (58.80 to 59.80): C22V21911.Did

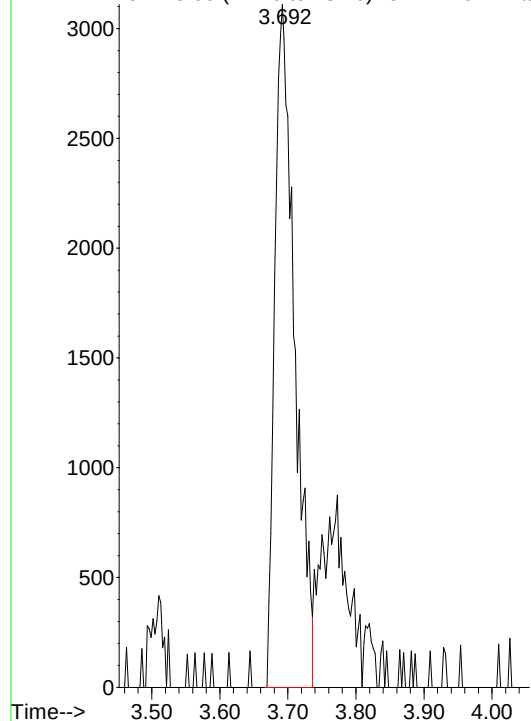


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
ETHYL ACETATE

Abundance Ion 43.00 (42.70 to 43.70): C22V21911.D



Original Int. Results

RT : 3.69
Area : 6325
Amount: 1.43597

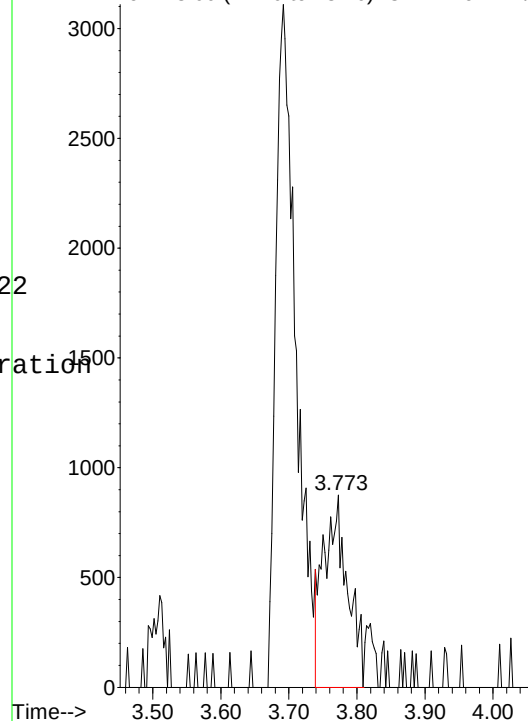
Manual Int. Results

Mon Aug 08 12:15:54 2022

MIuser: EEH
Reason: Incoret Integration
RT : 3.77
Area : 2120
Amount: 0.481306

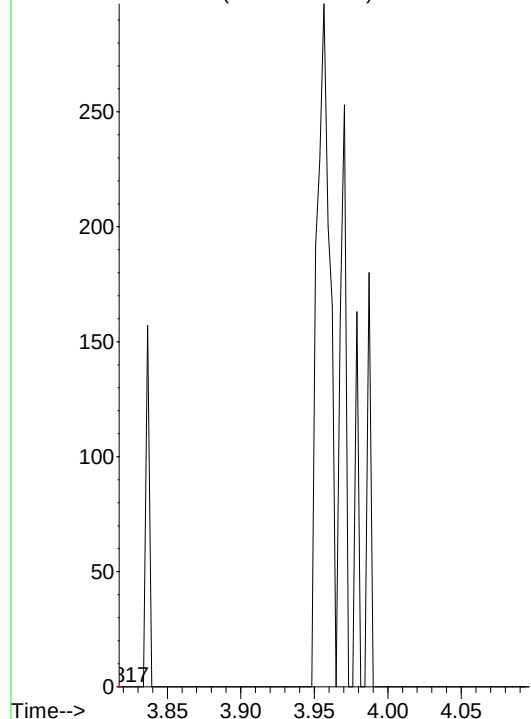
Manual Integration
ETHYL ACETATE

Abundance Ion 43.00 (42.70 to 43.70): C22V21911.D



Original Integration
TETRAHYDROFURAN

Abundance Ion 42.10 (41.80 to 42.80): C22V21911.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

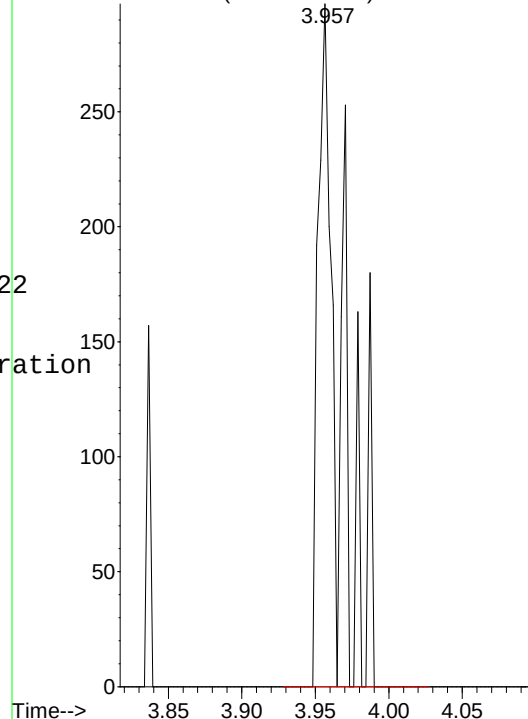
Manual Int. Results

Mon Aug 08 12:16:00 2022

MIuser: EEH
Reason: Incoret Integration
RT : 3.96
Area : 308
Amount: 0.236581

Manual Integration
TETRAHYDROFURAN

Abundance Ion 42.10 (41.80 to 42.80): C22V21911.D

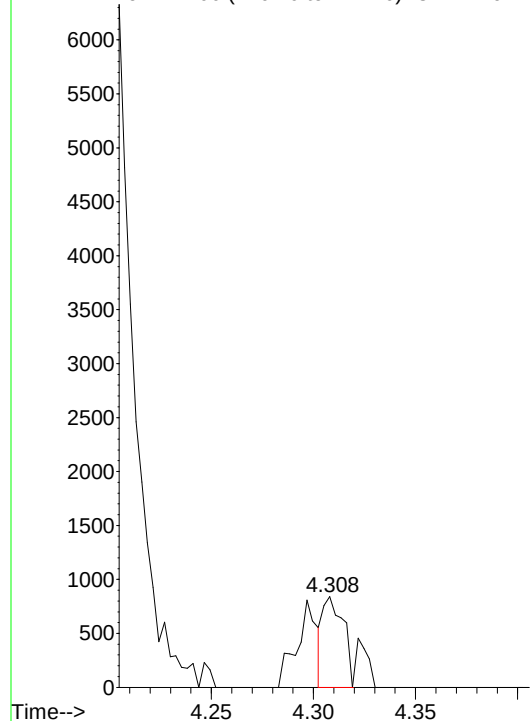


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
CARBON TETRACHLORIDE

Abundance on 117.00 (116.70 to 117.70): C22V21911.D



Original Int. Results

RT : 4.31
Area : 588
Amount: 0.182346

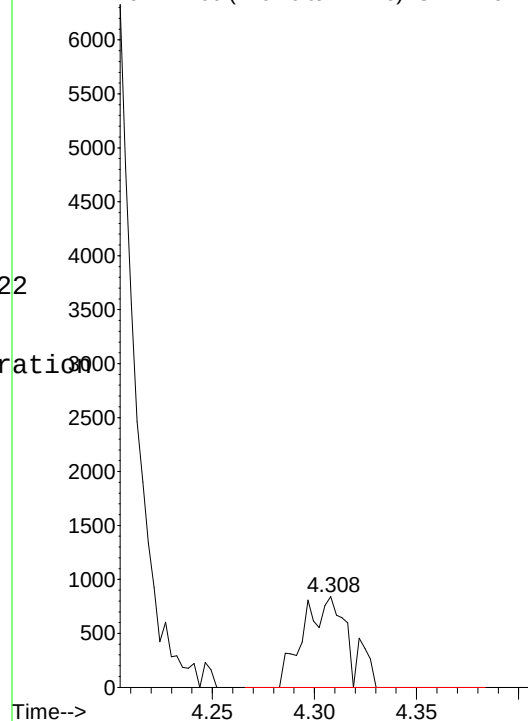
Manual Int. Results

Mon Aug 08 12:16:08 2022

MIuser: EEH
Reason: Incoret Integration
RT : 4.31
Area : 1323
Amount: 0.410278

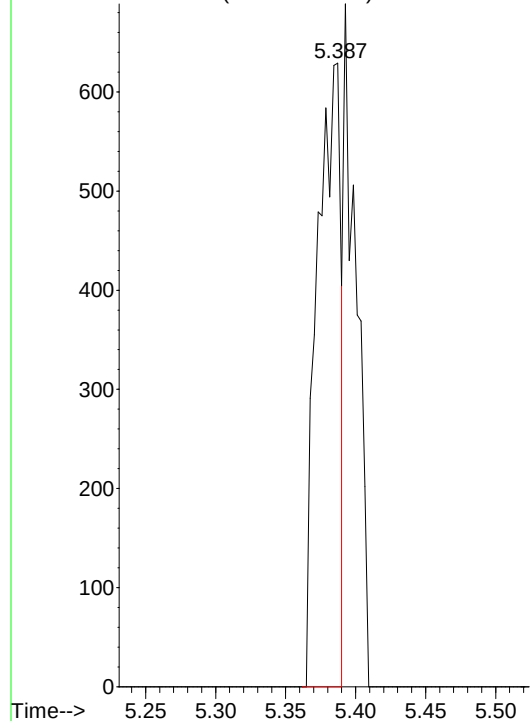
Manual Integration
CARBON TETRACHLORIDE

Abundance on 117.00 (116.70 to 117.70): C22V21911.D



Original Integration
1,2-DICHLOROPROPANE

Abundance on 63.00 (62.70 to 63.70): C22V21911.D



Original Int. Results

RT : 5.39
Area : 726
Amount: 0.24169

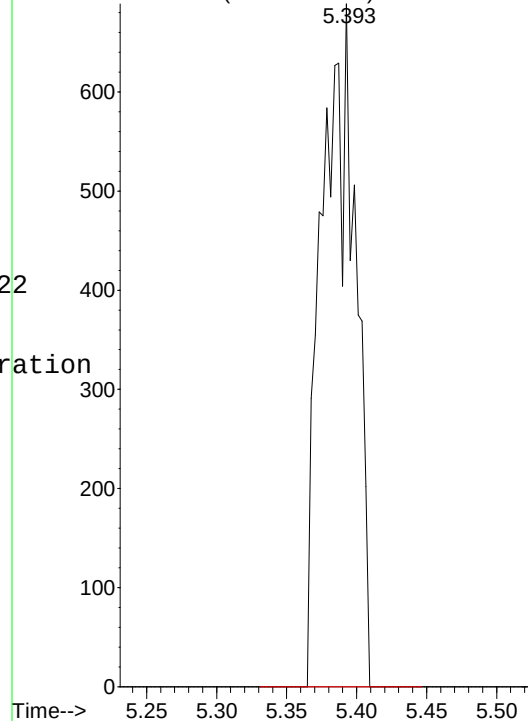
Manual Int. Results

Mon Aug 08 12:16:18 2022

MIuser: EEH
Reason: Incoret Integration
RT : 5.39
Area : 1156
Amount: 0.384839

Manual Integration
1,2-DICHLOROPROPANE

Abundance on 63.00 (62.70 to 63.70): C22V21911.D

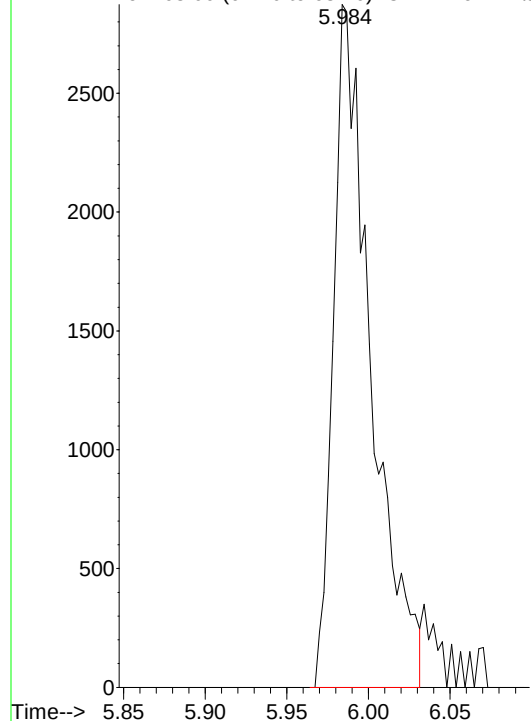


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
2-CHLOROETHYLVINYLETHER

Abundance Ion 63.00 (62.70 to 63.70): C22V21911.D



Original Int. Results

RT : 5.98
Area : 4559
Amount: 3.1074

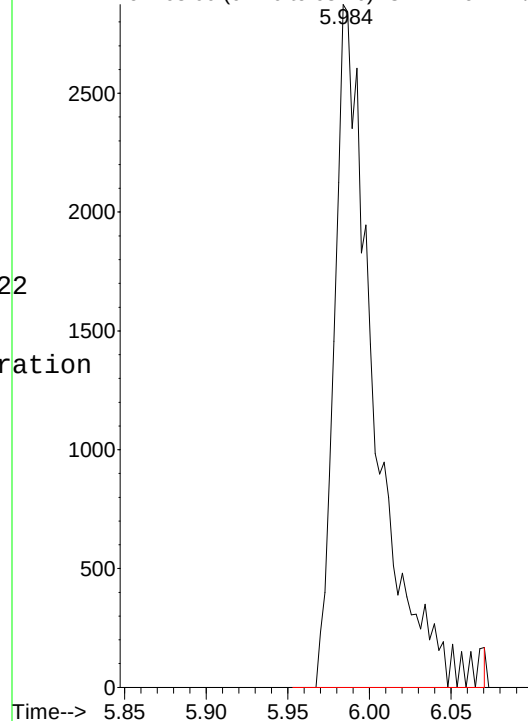
Manual Int. Results

Mon Aug 08 12:16:28 2022

MIuser: EEH
Reason: Incoret Integration
RT : 5.98
Area : 4889
Amount: 3.33232

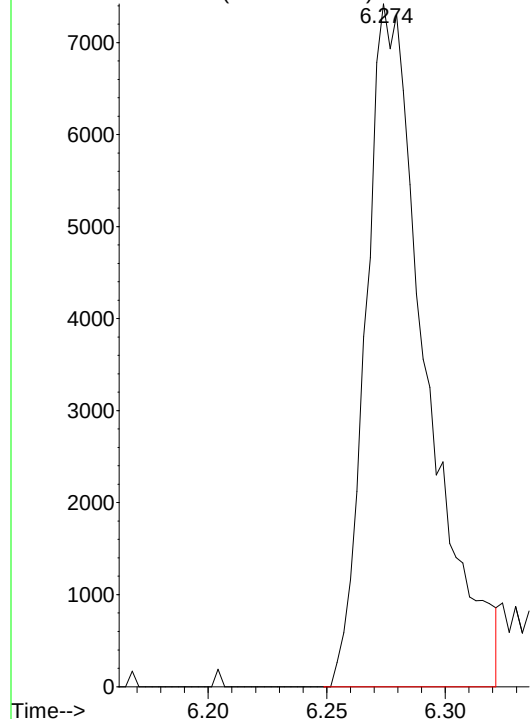
Manual Integration
2-CHLOROETHYLVINYLETHER

Abundance Ion 63.00 (62.70 to 63.70): C22V21911.D



Original Integration
MIBK

Abundance Ion 43.00 (42.70 to 43.70): C22V21911.D



Original Int. Results

RT : 6.27
Area : 13001
Amount: 2.93969

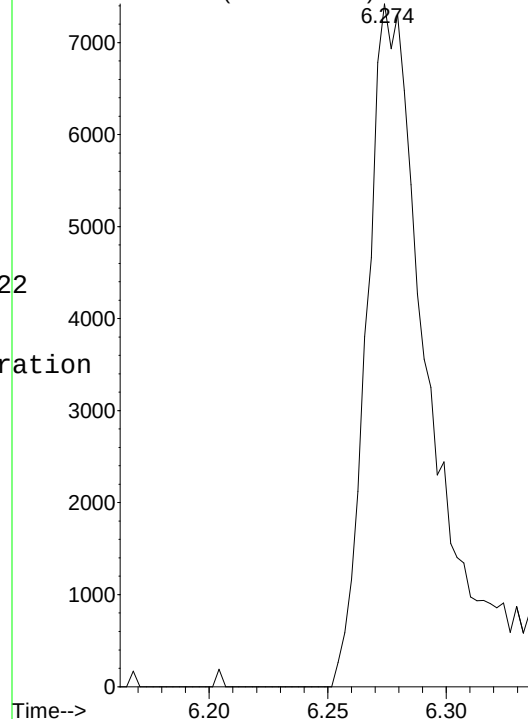
Manual Int. Results

Mon Aug 08 12:16:31 2022

MIuser: EEH
Reason: Incoret Integration
RT : 6.27
Area : 16105
Amount: 3.64154

Manual Integration
MIBK

Abundance Ion 43.00 (42.70 to 43.70): C22V21911.D

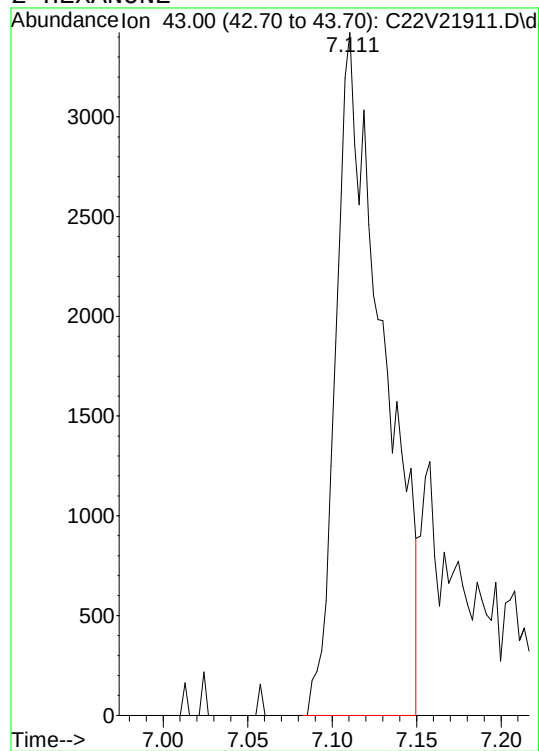


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

2-HEXANONE



Original Int. Results

RT : 7.11
Area : 6642
Amount: 2.09102

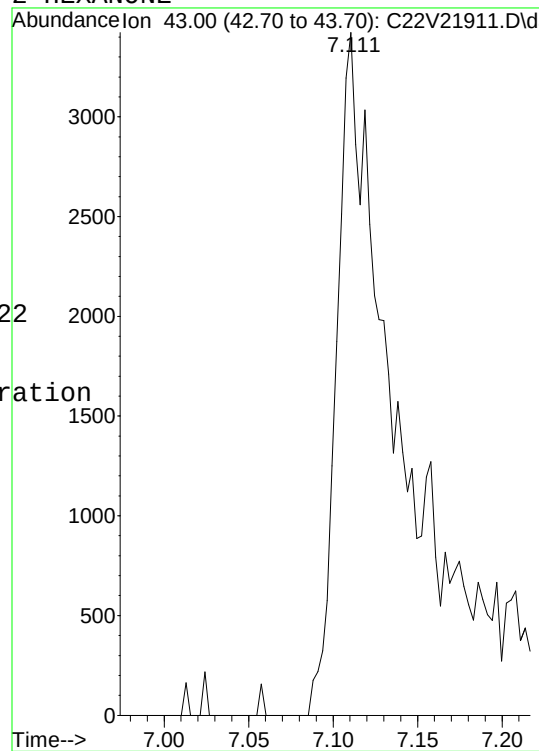
Manual Int. Results

Mon Aug 08 12:16:38 2022

MIuser: EEH
Reason: Incoret Integration
RT : 7.11
Area : 10150
Amount: 3.1954

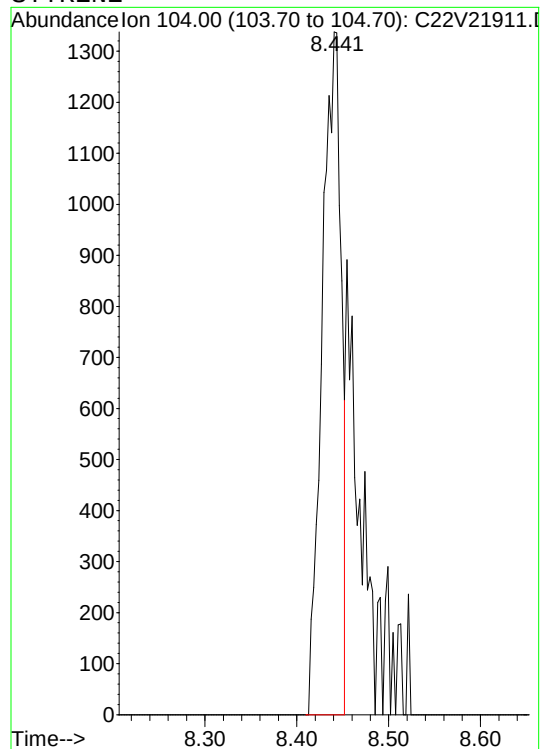
Manual Integration

2-HEXANONE



Original Integration

STYRENE



Original Int. Results

RT : 8.44
Area : 1930
Amount: 0.25909

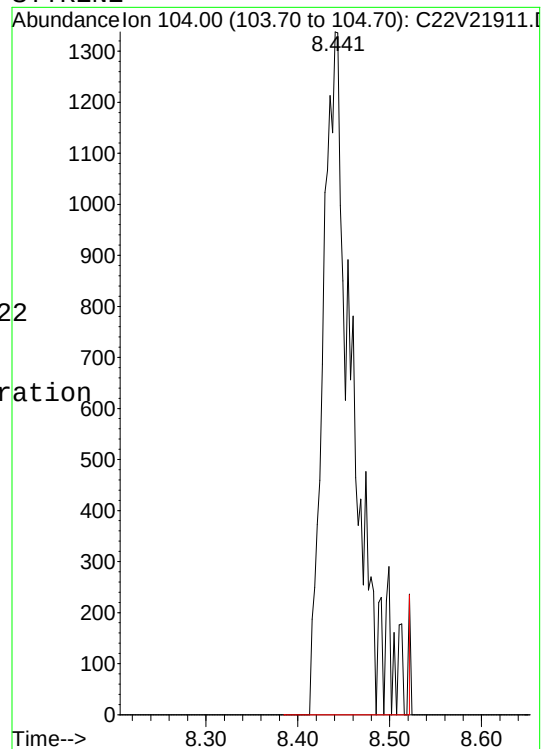
Manual Int. Results

Mon Aug 08 12:16:46 2022

MIuser: EEH
Reason: Incoret Integration
RT : 8.44
Area : 3065
Amount: 0.411457

Manual Integration

STYRENE

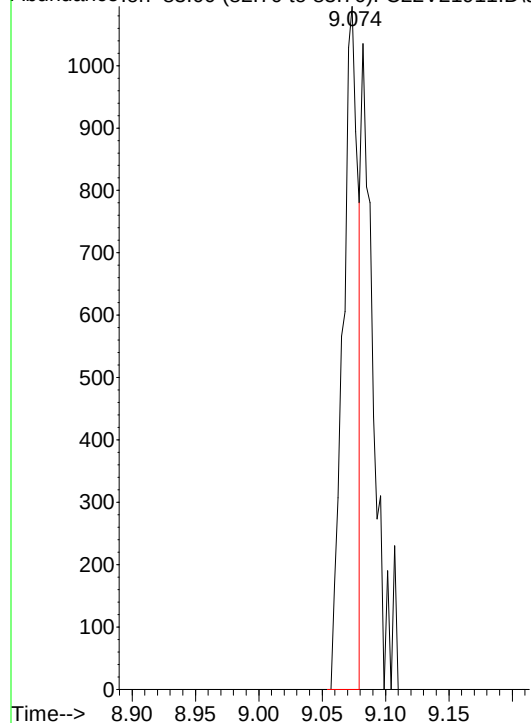


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,1,2,2-TETRACHLOROETHANE

Abundance Ion 83.00 (82.70 to 83.70): C22V21911.D



Original Int. Results

RT : 9.07
Area : 911
Amount: 0.223359

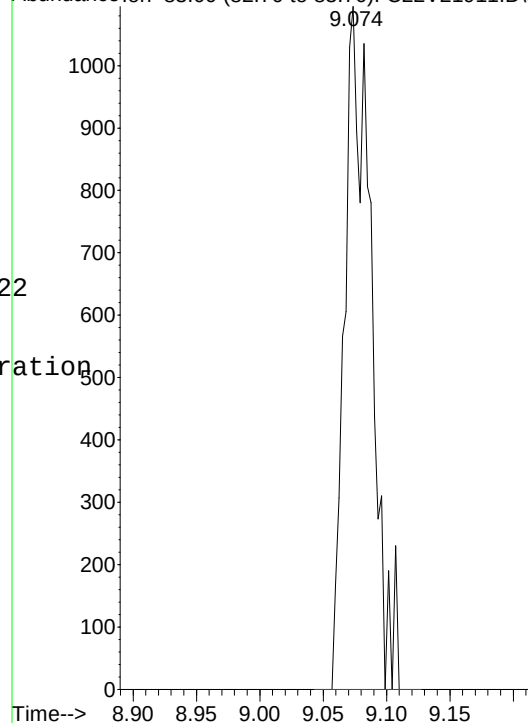
Manual Int. Results

Mon Aug 08 12:16:51 2022

MIuser: EEH
Reason: Incoret Integration
RT : 9.07
Area : 1590
Amount: 0.389836

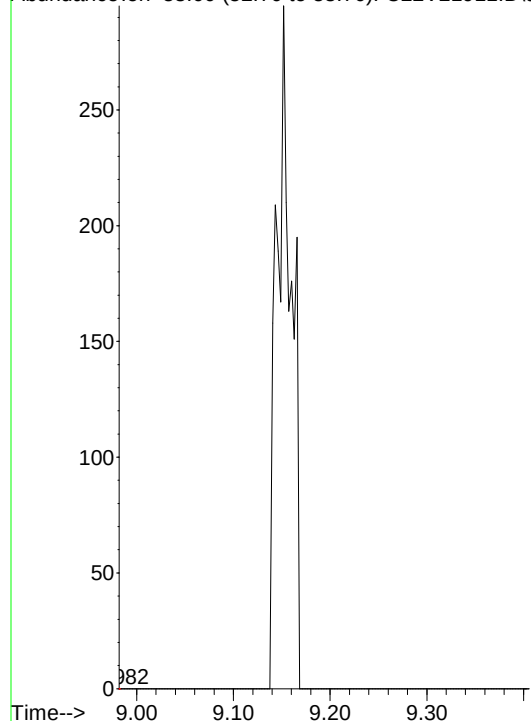
Manual Integration
1,1,2,2-TETRACHLOROETHANE

Abundance Ion 83.00 (82.70 to 83.70): C22V21911.D



Original Integration
1,4-DICHLORO-2-BUTENE (TRANS)

Abundance Ion 53.00 (52.70 to 53.70): C22V21911.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

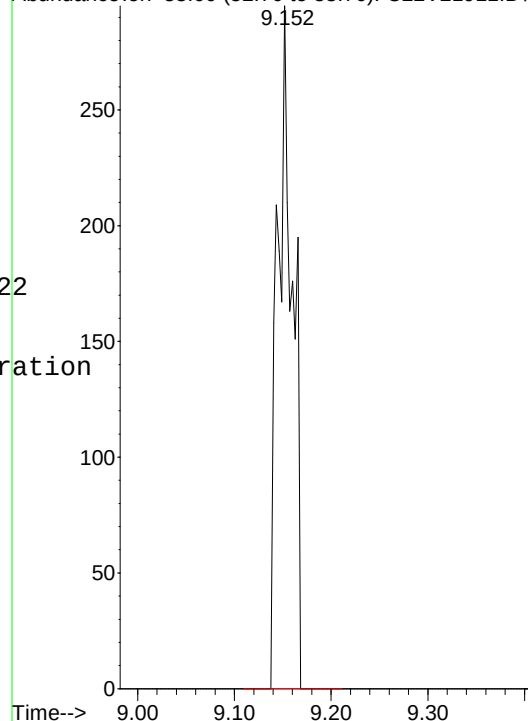
Manual Int. Results

Mon Aug 08 12:16:54 2022

MIuser: EEH
Reason: Incoret Integration
RT : 9.15
Area : 320
Amount: 0.310588

Manual Integration
1,4-DICHLORO-2-BUTENE (TRANS)

Abundance Ion 53.00 (52.70 to 53.70): C22V21911.D

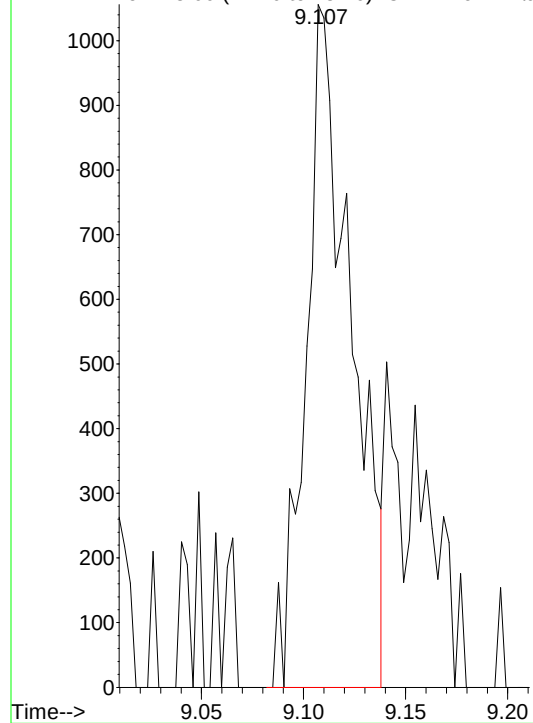


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,3-TRICHLOROPROPANE

Abundance on 75.00 (74.70 to 75.70): C22V21911.D



Original Int. Results

RT : 9.11
Area : 1627
Amount: 0.477466

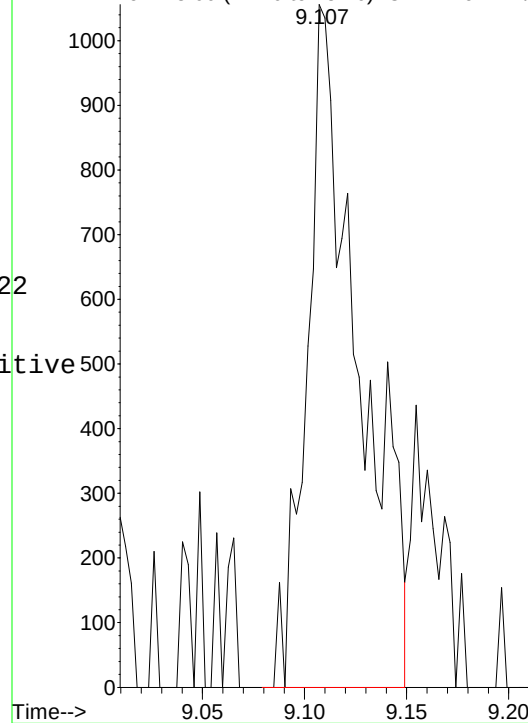
Manual Int. Results

Mon Aug 08 12:16:59 2022

MIuser: EEH
Reason: Qdel False Positive
RT : 9.11
Area : 1858
Amount: 0.545256

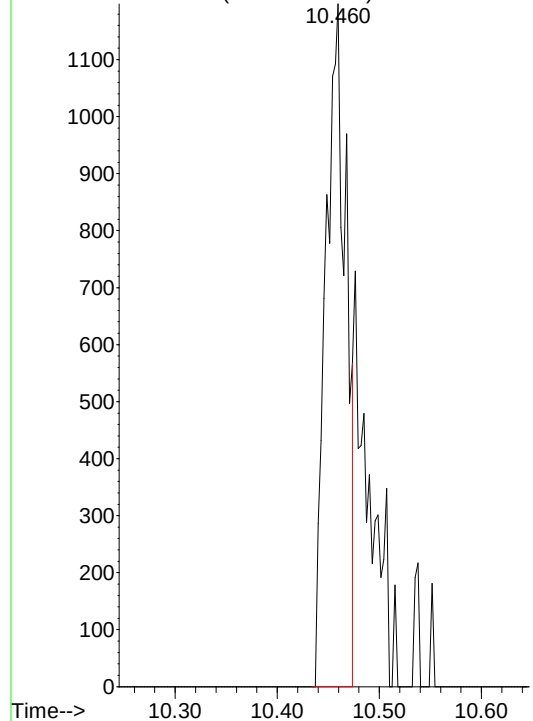
Manual Integration
1,2,3-TRICHLOROPROPANE

Abundance on 75.00 (74.70 to 75.70): C22V21911.D



Original Integration
N-BUTYLBENZENE

Abundance on 91.00 (90.70 to 91.70): C22V21911.D



Original Int. Results

RT : 10.46
Area : 1667
Amount: 0.209662

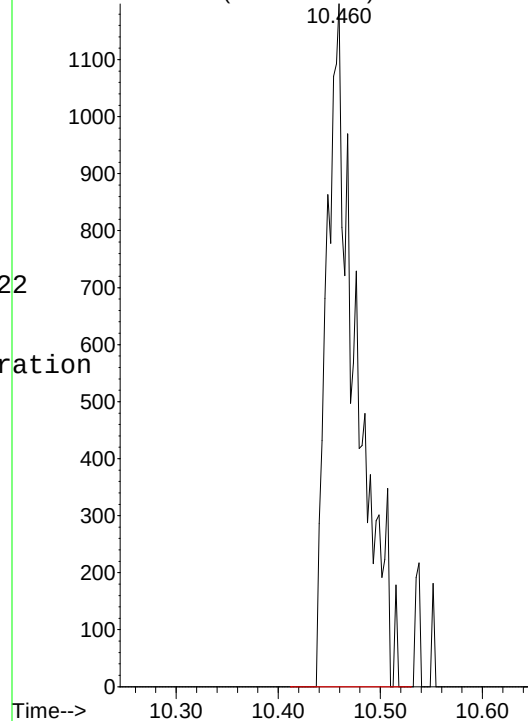
Manual Int. Results

Mon Aug 08 12:17:16 2022

MIuser: EEH
Reason: Incoret Integration
RT : 10.46
Area : 2413
Amount: 0.303488

Manual Integration
N-BUTYLBENZENE

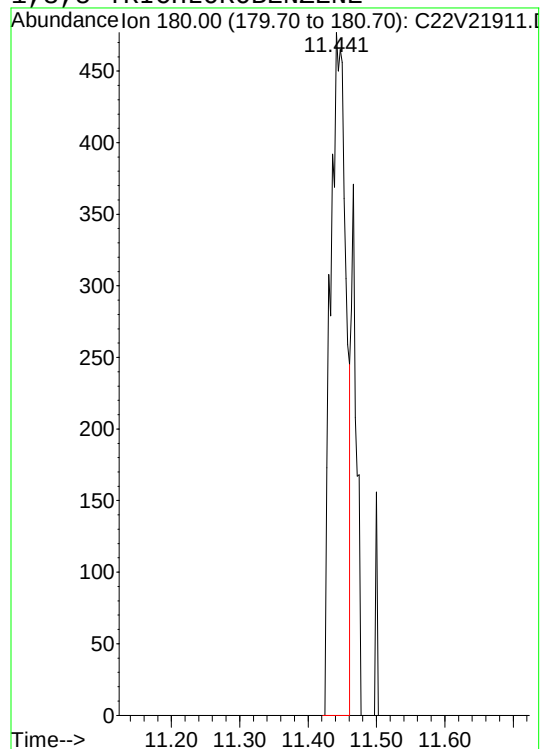
Abundance on 91.00 (90.70 to 91.70): C22V21911.D



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,3,5-TRICHLOROBENZENE



Original Int. Results

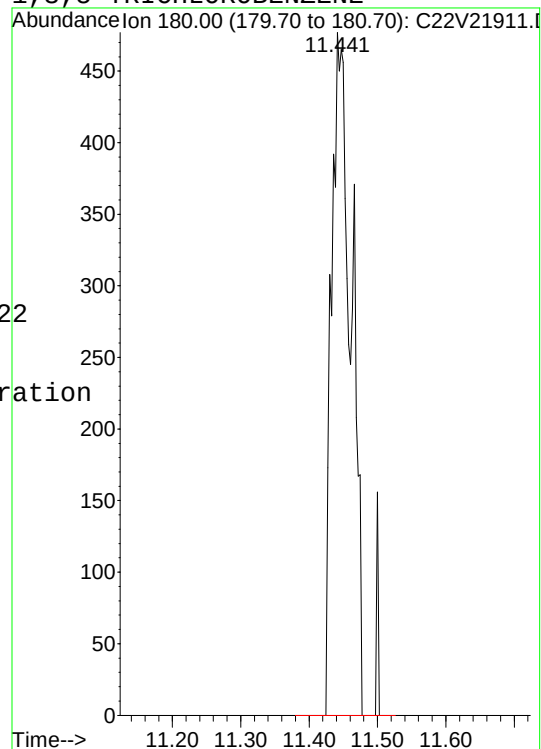
RT : 11.44
Area : 760
Amount: 0.207217

Manual Int. Results

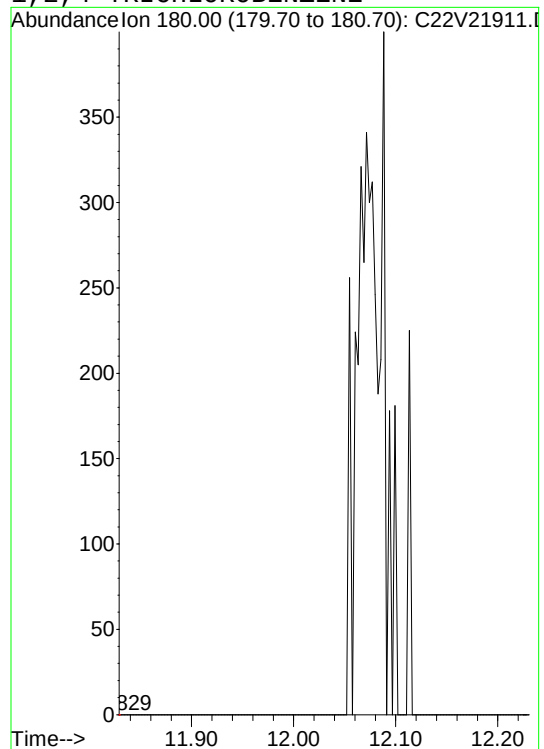
Mon Aug 08 12:17:20 2022

MIuser: EEH
Reason: Incoret Integration
RT : 11.44
Area : 986
Amount: 0.268837

Manual Integration
1,3,5-TRICHLOROBENZENE



Original Integration
1,2,4-TRICHLOROBENZENE



Original Int. Results

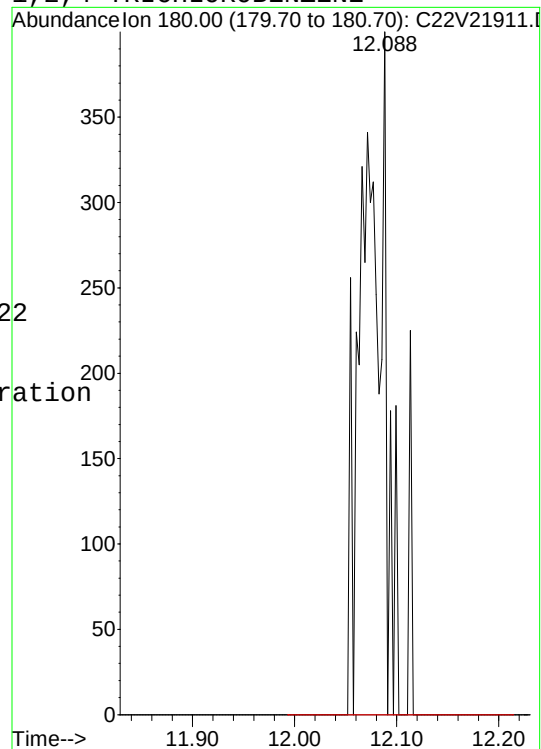
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Mon Aug 08 12:17:22 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.09
Area : 644
Amount: 0.186415

Manual Integration
1,2,4-TRICHLOROBENZENE

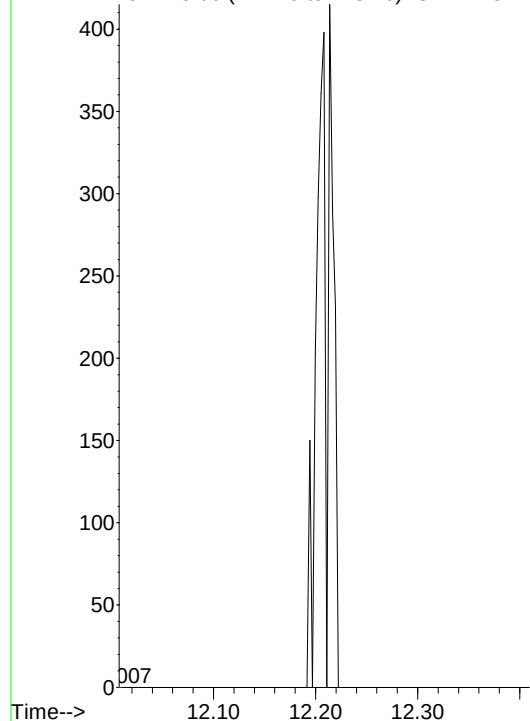


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
HEXACHLOROBUTADIENE

Abundance on 225.00 (224.70 to 225.70): C22V21911.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

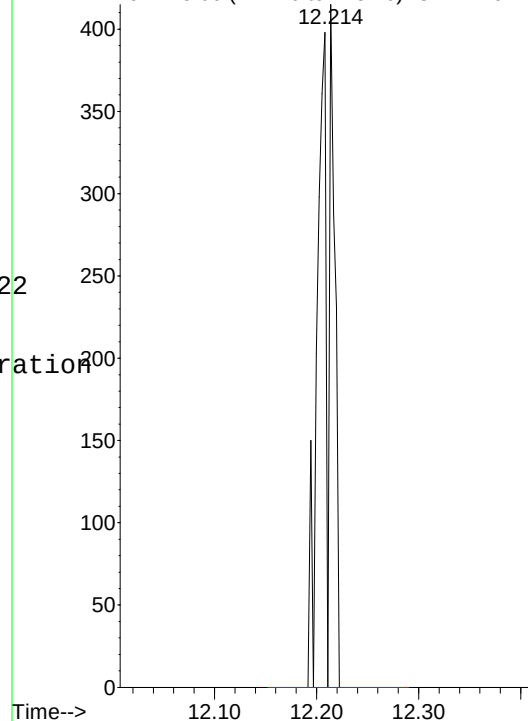
Manual Int. Results

Mon Aug 08 12:17:24 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.21
Area : 392
Amount: 0.297959

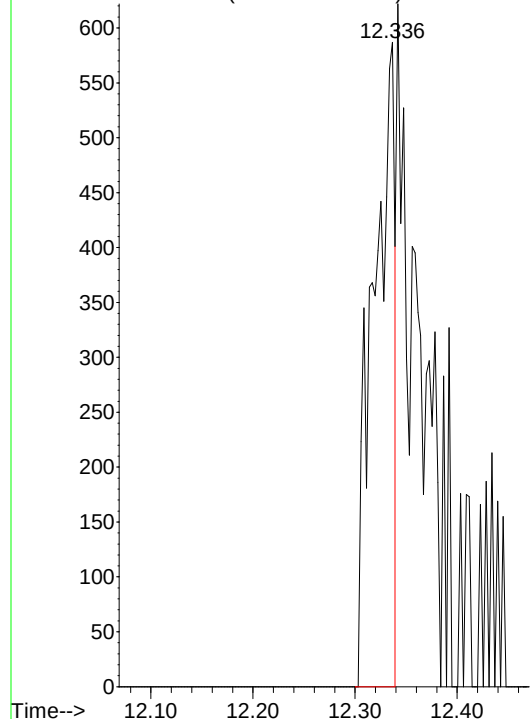
Manual Integration
HEXACHLOROBUTADIENE

Abundance on 225.00 (224.70 to 225.70): C22V21911.D



Original Integration
NAPHTHALENE

Abundance on 128.00 (127.70 to 128.70): C22V21911.D



Original Int. Results

RT : 12.34
Area : 841
Amount: 0.0814378

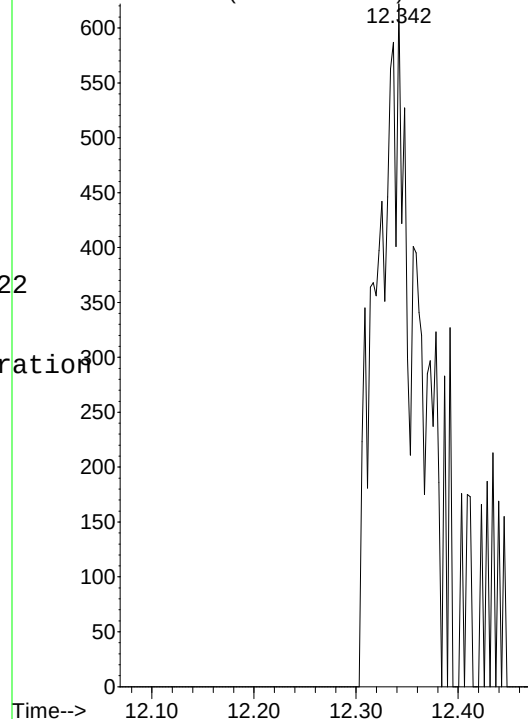
Manual Int. Results

Mon Aug 08 12:17:27 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.34
Area : 2023
Amount: 0.195896

Manual Integration
NAPHTHALENE

Abundance on 128.00 (127.70 to 128.70): C22V21911.D

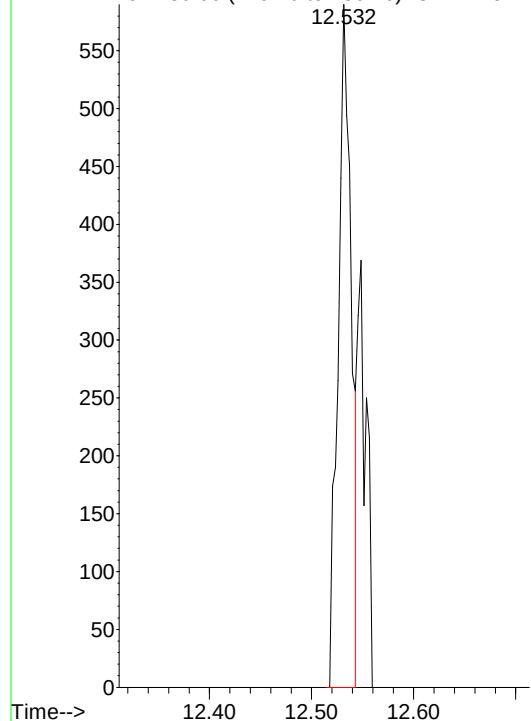


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,3-TRICHLOROBENZENE

Abundance Ion 180.00 (179.70 to 180.70): C22V21911.D



Original Int. Results

RT : 12.53
Area : 524
Amount: 0.15271

Manual Int. Results

Mon Aug 08 12:17:29 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.53
Area : 743
Amount: 0.216533

Manual Integration
1,2,3-TRICHLOROBENZENE

Abundance Ion 180.00 (179.70 to 180.70): C22V21911.D



Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21912.D
 Acq On : 8 Aug 2022 11:33 am
 Operator :
 Sample : 8260STD 1.0PPB 2206105
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 08 12:19:52 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.194	168	192447	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	284819	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	138767	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	130928	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	91212	25.20	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.80%	
49) TOLUENE SS	6.352	98	277384	24.42	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.68%	
71) 4-BROMOFLUOROBENZENE SS	8.909	95	100585	24.43	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.72%	
Target Compounds						
					Qvalue	
3) DICHLORODIFLUOROMETHANE	1.087	85	2878	0.92	UG/L	94
4) DIFLUOROCHLOROMETHANE	1.093	51	3405	0.91	UG/L	# 100
5) CHLOROMETHANE	1.196	50	5363	1.28	UG/L	# 32
6) VINYL CHLORIDE	1.263	62	3208	0.96	UG/L	# 29
7) BROMOMETHANE	1.455	94	2727m	1.49	UG/L	
8) CHLOROETHANE	1.516	64	2453m	1.33	UG/L	
9) FLUORODICHLOROMETHANE	1.636	67	5353	1.06	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.678	101	3989	1.07	UG/L	100
11) ETHANOL	1.795	45	1338	20.40	UG/L	# 38
12) DI ETHYL ETHER	1.862	59	2406	1.01	UG/L	99
13) ACROLEIN	1.957	56	5428	6.85	UG/L	95
14) ACETONE	2.066	43	12127	10.05	UG/L	99
15) 1,1-DICHLOROETHENE	2.021	61	4121	1.11	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	2.021	101	2519	1.23	UG/L	82
17) IODOMETHANE	2.141	142	24473	8.03	UG/L	98
20) METHYL ACETATE	2.320	43	4803	1.28	UG/L	# 94
21) T-BUTYL ALCOHOL	2.509	59	4346	9.36	UG/L	# 92
22) ACRYLONITRILE	2.615	53	1430	0.90	UG/L	# 59
23) METHYLENE CHLORIDE	2.398	49	4227	1.07	UG/L	100
24) CARBON DISULFIDE	2.191	76	77457	10.78	UG/L	100
25) METHYL TERT-BUTYL ETHE...	2.637	73	9066	1.08	UG/L	98
26) TRANS 1,2-DICHLOROETHENE	2.635	61	4062	1.05	UG/L	91
27) 1,1-DICHLOROETHANE	3.042	63	5014	0.97	UG/L	# 79
28) VINYL ACETATE	3.112	43	79237	7.99	UG/L	99
29) DI ISOPROYL ETHER	3.126	45	9583	0.86	UG/L	97
31) 2-BUTANONE	3.683	43	15358	7.09	UG/L	96
32) T-BUTYL ETHYL ETHER	3.502	59	8452m	0.91	UG/L	
33) CIS-1,2-DICHLOROETHENE	3.647	61	4216	0.94	UG/L	98
34) 2,2-DICHLOROPROPANE	3.630	77	3933m	1.02	UG/L	
35) ETHYL ACETATE	3.759	43	4664m	1.07	UG/L	
38) BROMOCHLOROMETHANE	3.881	49	2407	0.91	UG/L	98
39) TETRAHYDROFURAN	3.962	42	1017	0.79	UG/L	# 40
40) CHLOROFORM	3.976	83	4492	0.94	UG/L	100
41) 1,1,1-TRICHLOROETHANE	4.143	97	3891	1.02	UG/L	91
42) CYCLOHEXANE	4.194	56	7651	1.69	UG/L	# 64
43) CARBON TETRACHLORIDE	4.300	117	3278m	1.02	UG/L	
44) 1,1-DICHLOROPROPENE	4.313	75	3505	0.99	UG/L	# 90
45) BENZENE	4.523	78	10449	0.94	UG/L	# 1
47) T-AMYL METHYL ETHER	4.648	73	7921	0.96	UG/L	97
50) 1,2-DICHLOROETHANE	4.550	62	3854	0.99	UG/L	# 74
51) TRICHLOROETHENE	5.167	95	2543	1.01	UG/L	91
52) METHYLCYCLOHEXANE	5.334	83	3112m	0.91	UG/L	
53) 1,2-DICHLOROPROPANE	5.384	63	2629	0.88	UG/L	# 97

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21912.D
 Acq On : 8 Aug 2022 11:33 am
 Operator :
 Sample : 8260STD 1.0PPB 2206105
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 08 12:19:52 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) DIBROMOMETHANE	5.499	93	1756	0.94	UG/L	93
56) 1,4-DIOXANE	5.557	88	274m	6.23	UG/L	
57) BROMODICHLOROMETHANE	5.660	83	3644	1.02	UG/L #	87
58) 2-CHLOROETHYLVINYLETHER	5.984	63	11832m	8.07	UG/L	
59) MIBK	6.274	43	35205m	7.96	UG/L	
60) CIS-1,3-DICHLOROPROPENE	6.112	75	4317	0.94	UG/L	92
61) TOLUENE	6.419	91	10805	0.98	UG/L	92
62) TRANS-1,3,-DICHLOROPRO...	6.659	75	3461	0.84	UG/L	90
64) 1,1,2-TRICHLOROETHANE	6.826	97	2495	0.96	UG/L #	82
65) 2-HEXANONE	7.099	43	23827m	7.50	UG/L	
66) TETRACHLOROETHENE	6.946	166	2487	0.98	UG/L	97
67) 1,3-DICHLOROPROPANE	6.988	76	4334	0.90	UG/L	96
68) DIBROMOCHLOROMETHANE	7.194	129	2922	0.98	UG/L	90
69) 1,2-DIBROMOETHANE	7.292	107	2605m	0.90	UG/L	
72) CHLOROBENZENE	7.783	112	6843	1.00	UG/L	94
73) 1,1,1,2-TETRACHLOROETHANE	7.861	131	2623	1.07	UG/L #	64
74) ETHYLBENZENE	7.902	91	10954	0.93	UG/L	95
75) M/P-XYLENES	8.022	91	16880	1.89	UG/L	98
76) O-XYLENE	8.404	91	9049	0.98	UG/L	94
77) STYRENE	8.432	104	6817	0.92	UG/L	93
78) BROMOFORM	8.586	173	2112	0.98	UG/L #	69
79) ISOPROPYLBENZENE	8.772	105	10121	0.95	UG/L	97
81) 1,1,2,2-TETRACHLOROETHANE	9.074	83	3798	0.94	UG/L #	89
82) 1,4-DICHLORO-2-BUTENE(...	9.146	53	847m	0.83	UG/L	
83) BROMOBENZENE	9.054	77	4767m	0.97	UG/L	
84) 1,2,3-TRICHLOROPROPANE	9.110	75	3907m	1.15	UG/L	
85) N-PROPYLBENZENE	9.177	91	11568	0.92	UG/L	96
86) 2-CHLOROTOLUENE	9.249	91	7139	0.90	UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	9.355	105	8348	0.94	UG/L	95
88) 4-CHLOROTOLUENE	9.364	91	8952	0.99	UG/L	92
90) TERT-BUTYLBENZENE	9.670	119	7013	0.99	UG/L	98
91) 1,2,4-TRIMETHYLBENZENE	9.729	105	8498	0.95	UG/L	98
92) SEC-BUTYLBENZENE	9.888	105	9490	0.95	UG/L	94
93) 1,3-DICHLOROBENZENE	9.988	146	4968	0.96	UG/L	97
94) P-ISOPROPYLTOLUENE	10.036	119	7798	0.91	UG/L	96
95) 1,4-DICHLOROBENZENE	10.069	146	5771	1.05	UG/L #	92
97) N-BUTYLBENZENE	10.454	91	5365	0.69	UG/L #	46
98) 1,2-DICHLOROBENZENE	10.443	146	4704	0.90	UG/L	93
99) 1,2-DIBROMO-3-CHLOROPR...	11.232	75	579m	0.81	UG/L	
100) 1,3,5-TRICHLOROBENZENE	11.436	180	2944m	0.83	UG/L	
101) 1,2,4-TRICHLOROBENZENE	12.057	180	2026m	0.60	UG/L	
102) HEXACHLOROBUTADIENE	12.205	225	987m	0.77	UG/L	
103) NAPHTHALENE	12.297	128	5327m	0.53	UG/L	
104) 1,2,3-TRICHLOROBENZENE	12.526	180	2110m	0.63	UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

227

Inst : GCMSV0A3

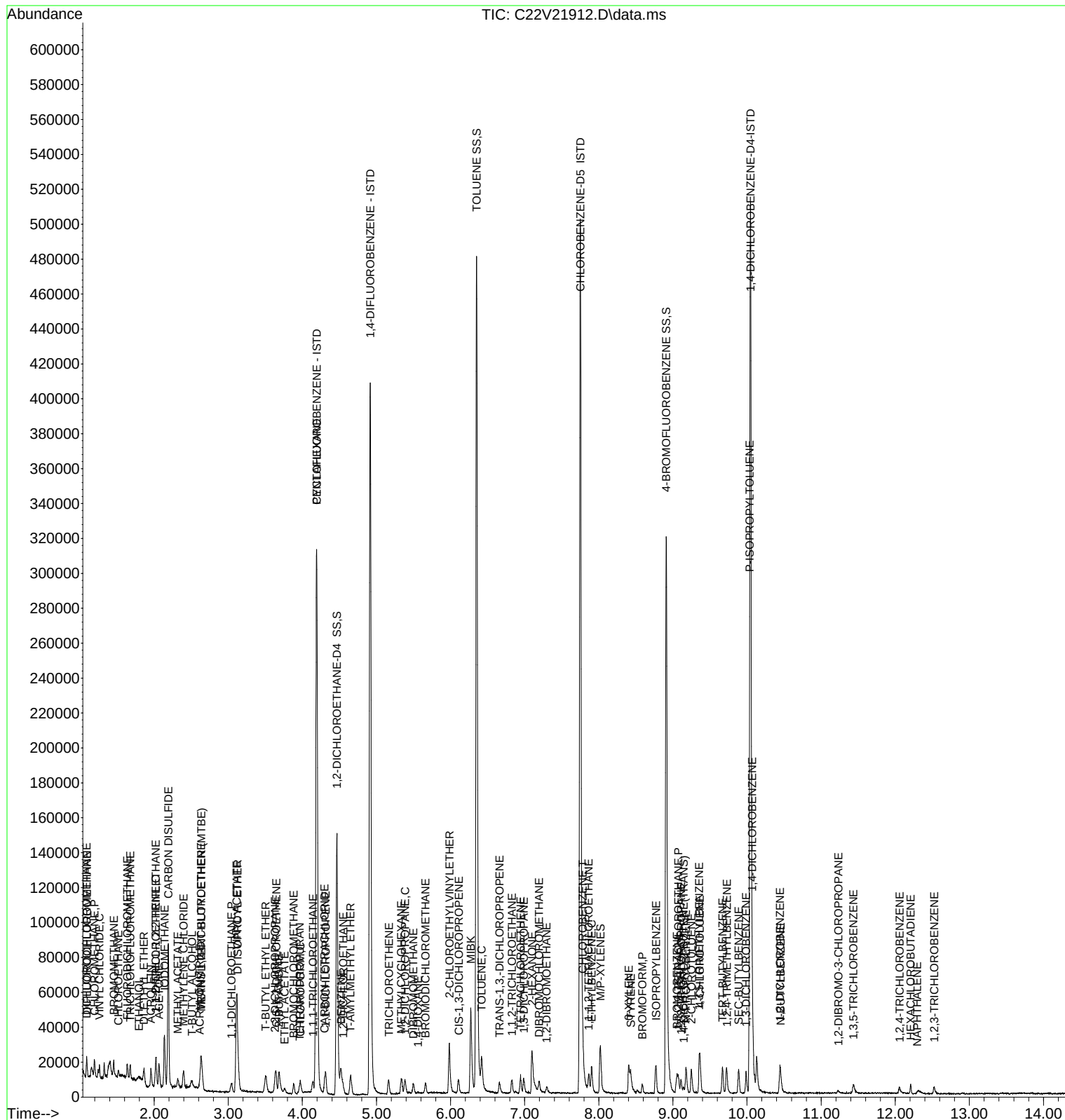
Quant Time: Aug 08 12:19:52 2022

Quant Method : C:\msdchem\1\methods\C051619.M

Quant Title : 8260 WATER 5MLS VOAMS 5973 #3

QLast Update : Mon Aug 08 11:15:01 2022

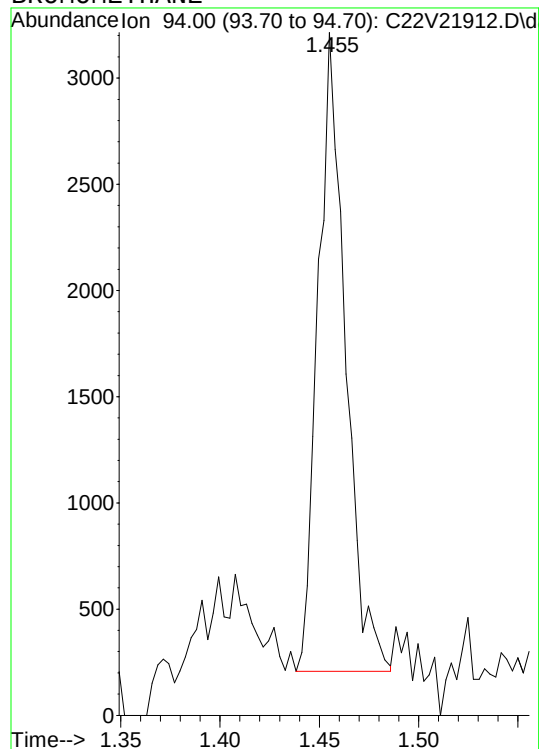
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
BROMOMETHANE



Original Int. Results

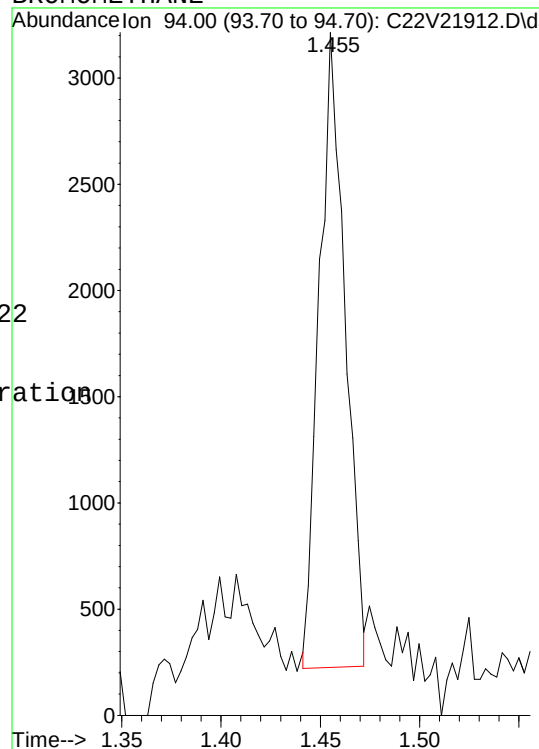
RT : 1.46
Area : 2897
Amount: 1.58617

Manual Int. Results

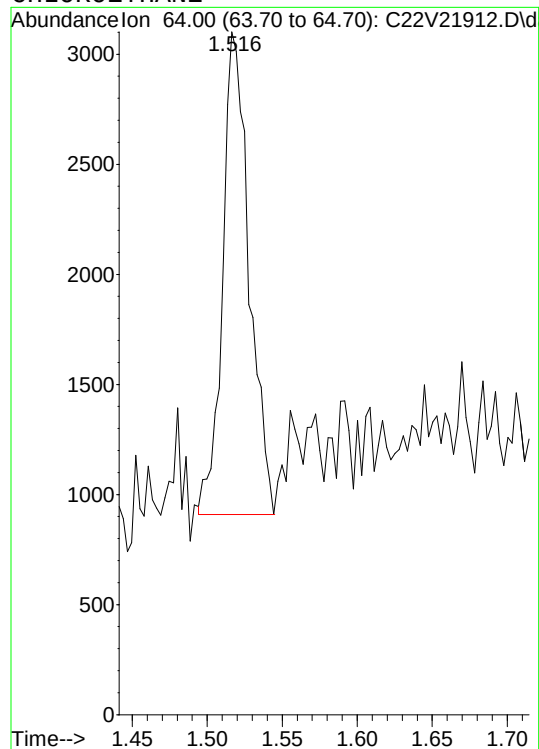
Mon Aug 08 12:17:52 2022

MIuser: EEH
Reason: Incoret Integration
RT : 1.46
Area : 2727
Amount: 1.49309

Manual Integration
BROMOMETHANE



Original Integration
CHLOROETHANE



Original Int. Results

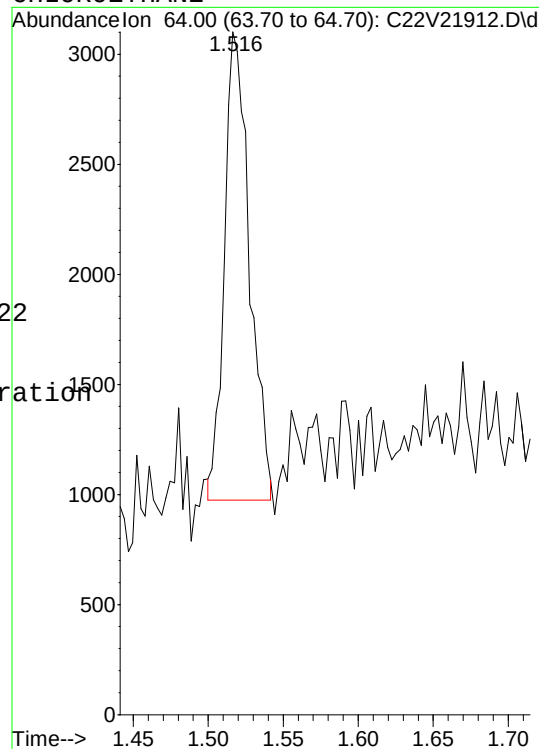
RT : 1.52
Area : 2673
Amount: 1.44605

Manual Int. Results

Mon Aug 08 12:17:58 2022

MIuser: EEH
Reason: Incoret Integration
RT : 1.52
Area : 2453
Amount: 1.32704

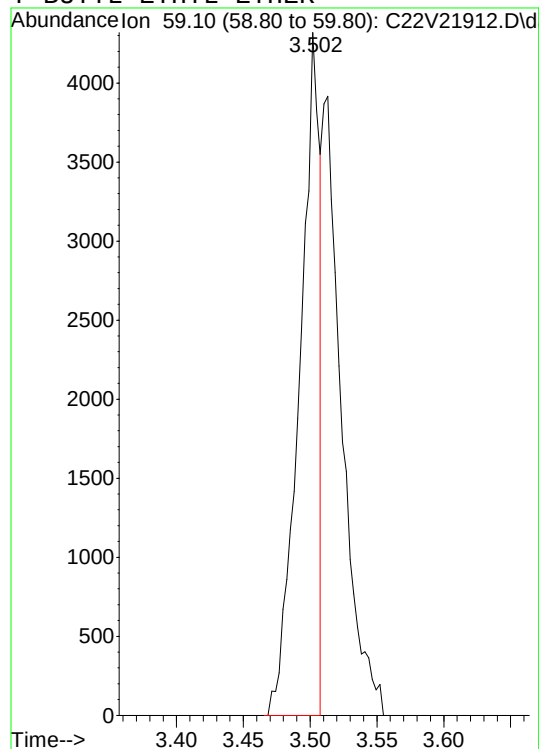
Manual Integration
CHLOROETHANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
T-BUTYL ETHYL ETHER



Original Int. Results

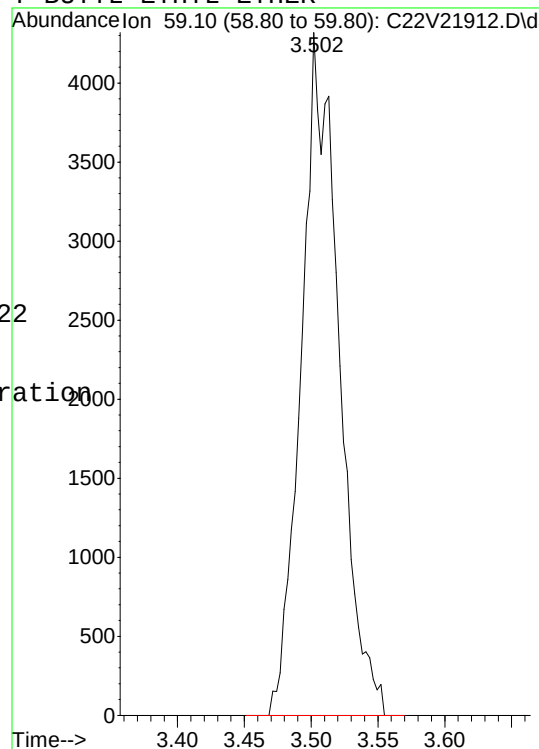
RT : 3.50
Area : 4542
Amount: 0.48786

Manual Int. Results

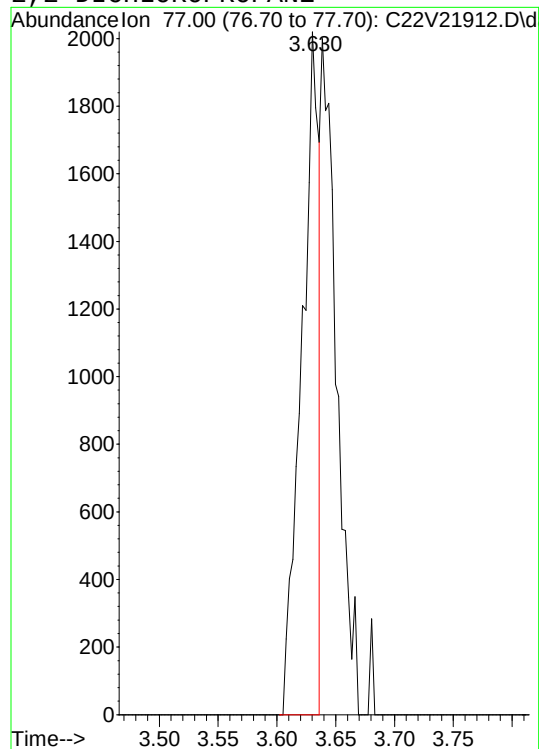
Mon Aug 08 12:18:17 2022

MIuser: EEH
Reason: Incoret Integration
RT : 3.50
Area : 8452
Amount: 0.907836

Manual Integration
T-BUTYL ETHYL ETHER



Original Integration
2,2-DICHLOROPROPANE



Original Int. Results

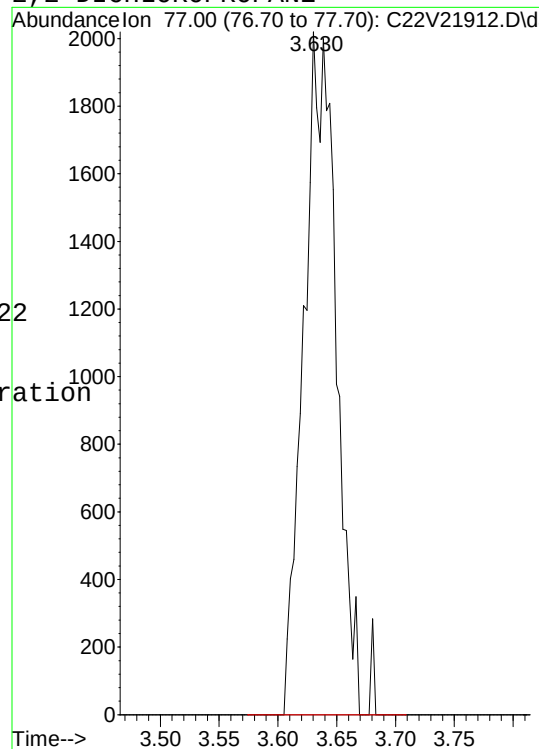
RT : 3.63
Area : 2041
Amount: 0.527574

Manual Int. Results

Mon Aug 08 12:18:20 2022

MIuser: EEH
Reason: Incoret Integration
RT : 3.63
Area : 3933
Amount: 1.01663

Manual Integration
2,2-DICHLOROPROPANE



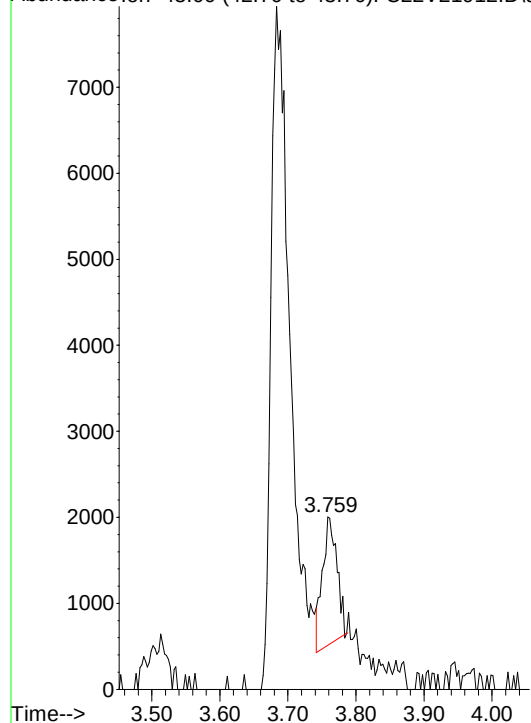
Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

ETHYL ACETATE

Abundance on 43.00 (42.70 to 43.70): C22V21912.Did



Original Int. Results

RT : 3.76
Area : 2175
Amount: 0.496728

Manual Int. Results

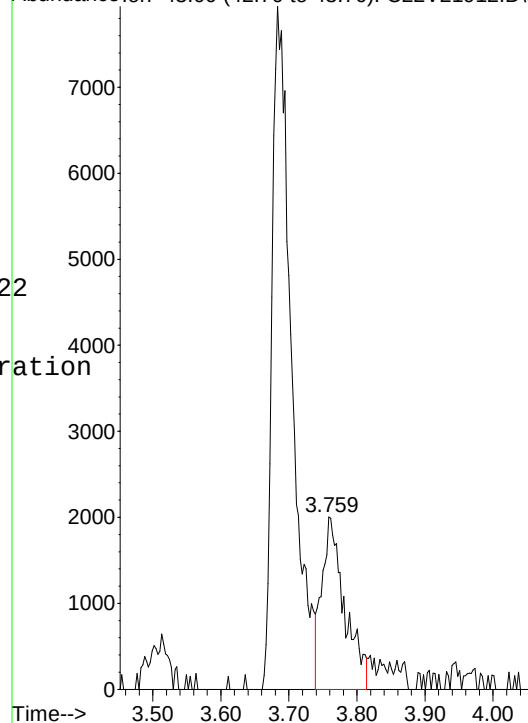
Mon Aug 08 12:18:24 2022

MIuser: EEH
Reason: Incoret Integration
RT : 3.76
Area : 4664
Amount: 1.06517

Manual Integration

ETHYL ACETATE

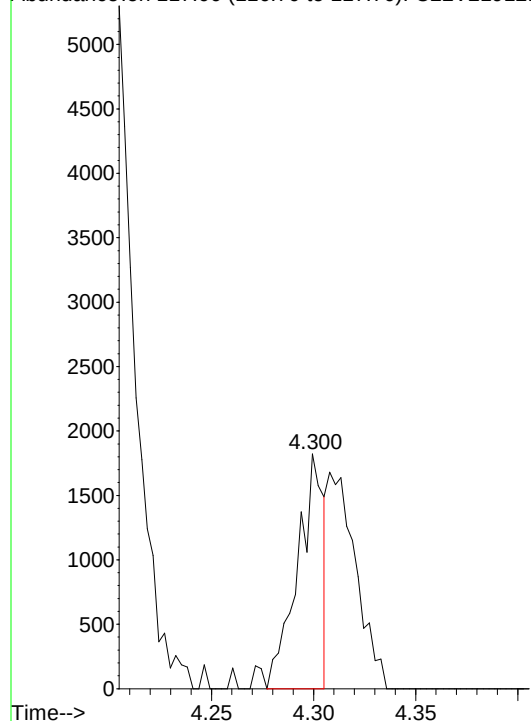
Abundance on 43.00 (42.70 to 43.70): C22V21912.Did



Original Integration

CARBON TETRACHLORIDE

Abundance on 117.00 (116.70 to 117.70): C22V21912.Did



Original Int. Results

RT : 4.30
Area : 1614
Amount: 0.503496

Manual Int. Results

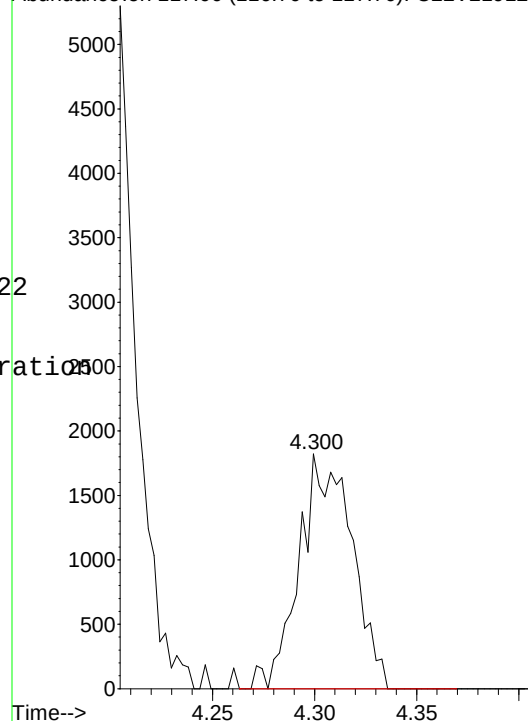
Mon Aug 08 12:18:32 2022

MIuser: EEH
Reason: Incoret Integration
RT : 4.30
Area : 3278
Amount: 1.02259

Manual Integration

CARBON TETRACHLORIDE

Abundance on 117.00 (116.70 to 117.70): C22V21912.Did

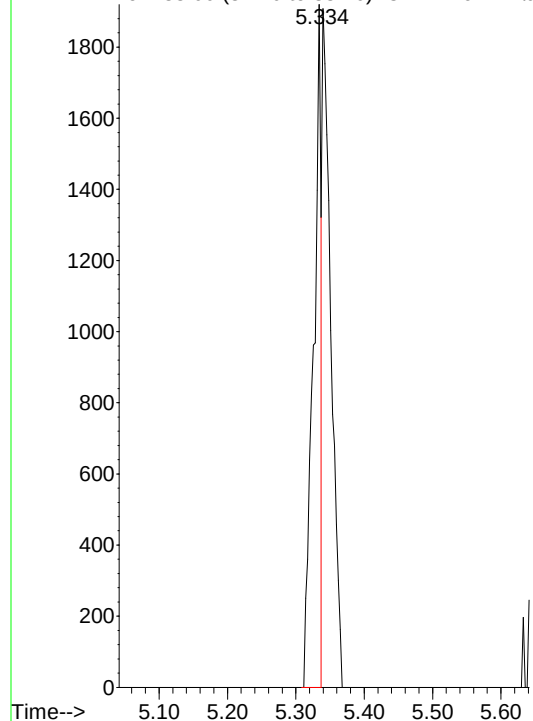


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
METHYLCYCLOHEXANE

Abundance on 83.00 (82.70 to 83.70): C22V21912.Did



Original Int. Results

RT : 5.33
Area : 1446
Amount: 0.421656

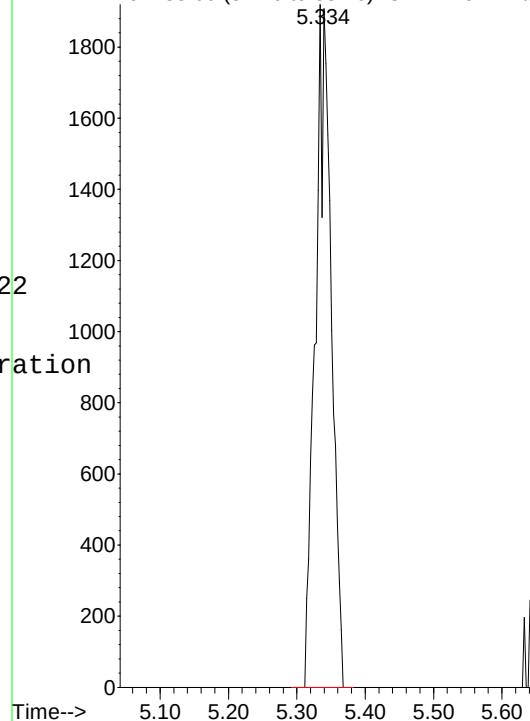
Manual Int. Results

Mon Aug 08 12:18:41 2022

MIuser: EEH
Reason: Incoret Integration
RT : 5.33
Area : 3112
Amount: 0.907465

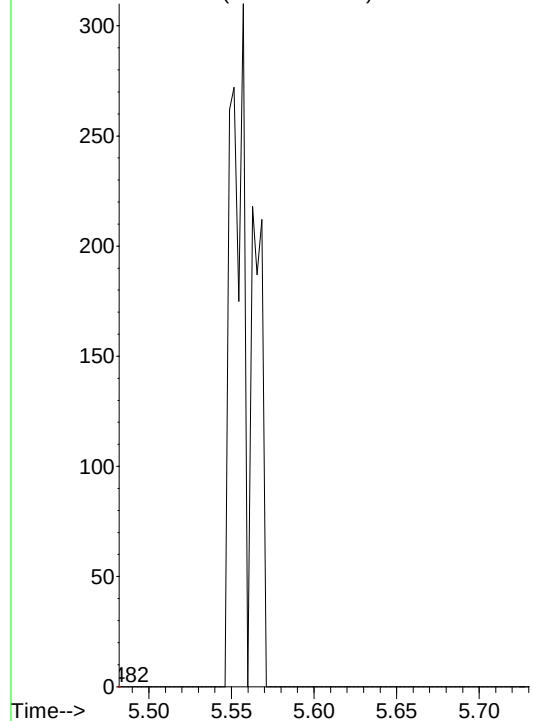
Manual Integration
METHYLCYCLOHEXANE

Abundance on 83.00 (82.70 to 83.70): C22V21912.Did



Original Integration
1,4-DIOXANE

Abundance on 88.10 (87.80 to 88.80): C22V21912.Did



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

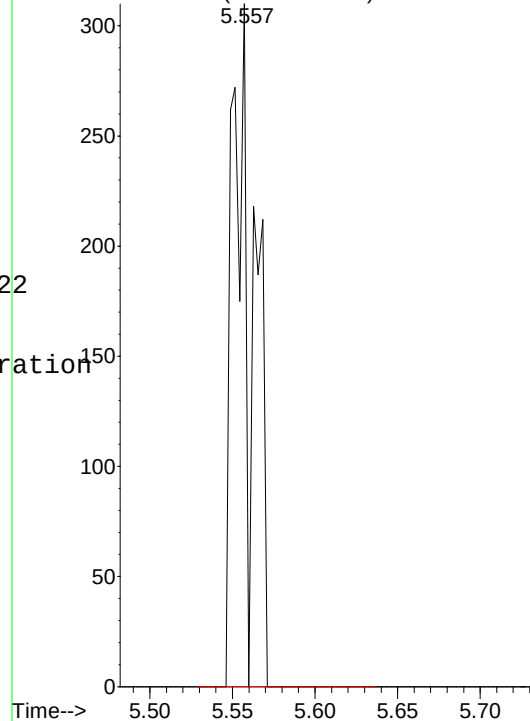
Manual Int. Results

Mon Aug 08 12:18:49 2022

MIuser: EEH
Reason: Incoret Integration
RT : 5.56
Area : 274
Amount: 6.22641

Manual Integration
1,4-DIOXANE

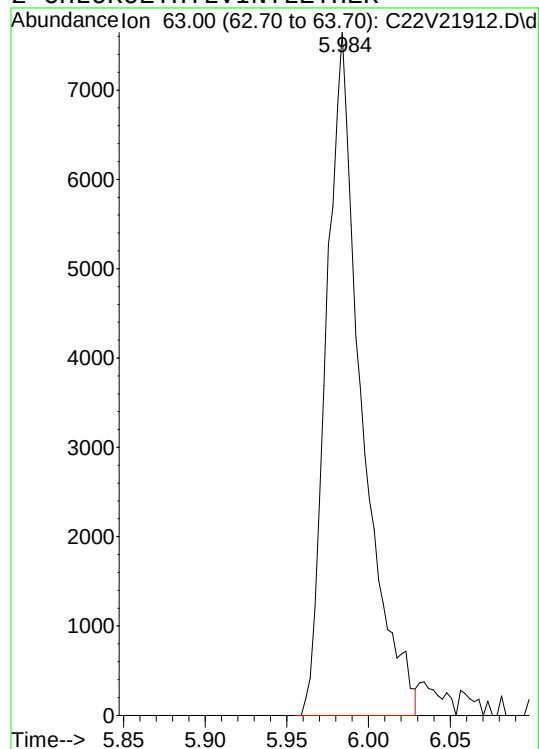
Abundance on 88.10 (87.80 to 88.80): C22V21912.Did



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
2-CHLOROETHYLVINYLETHER



Original Int. Results

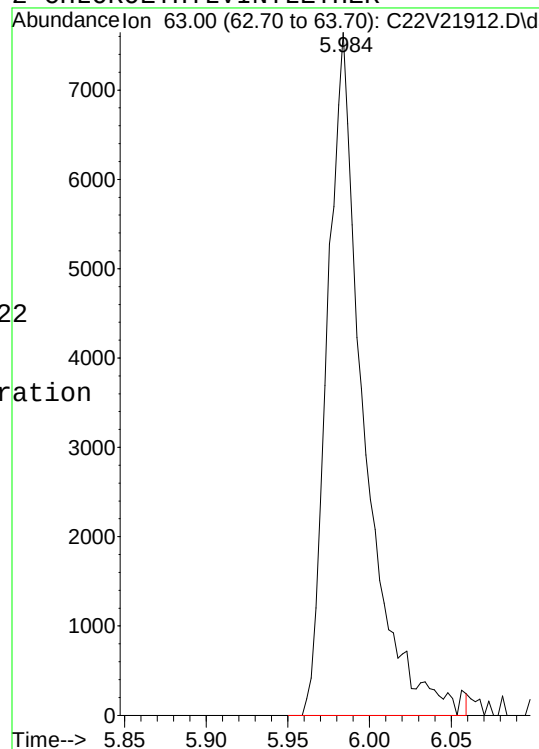
RT : 5.98
Area : 11382
Amount: 7.76174

Manual Int. Results

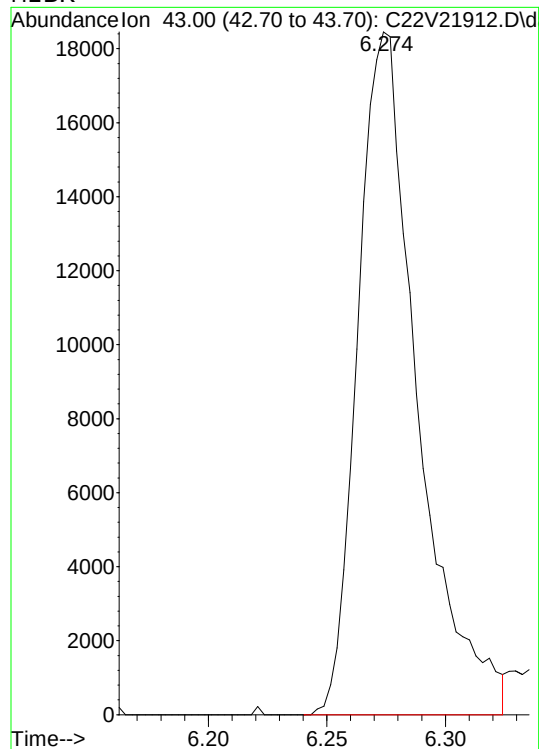
Mon Aug 08 12:18:54 2022

MIuser: EEH
Reason: Incoret Integration
RT : 5.98
Area : 11832
Amount: 8.06861

Manual Integration
2-CHLOROETHYLVINYLETHER



Original Integration
MIBK



Original Int. Results

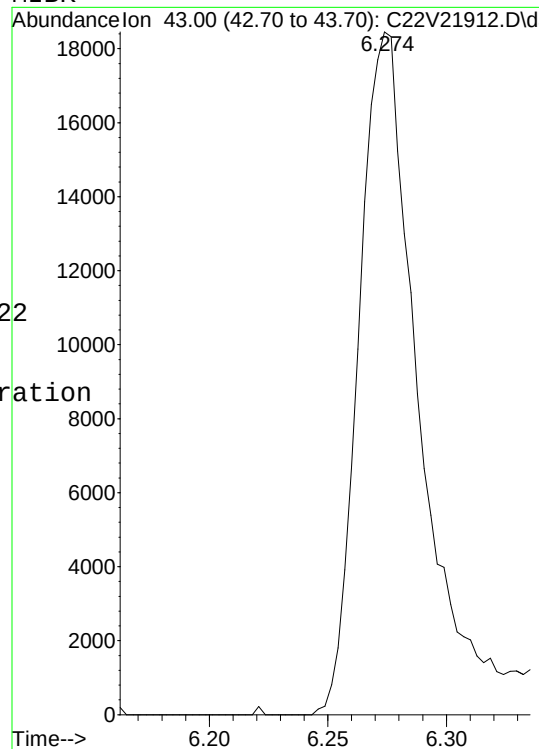
RT : 6.27
Area : 32264
Amount: 7.29887

Manual Int. Results

Mon Aug 08 12:18:58 2022

MIuser: EEH
Reason: Incoret Integration
RT : 6.27
Area : 35205
Amount: 7.96419

Manual Integration
MIBK

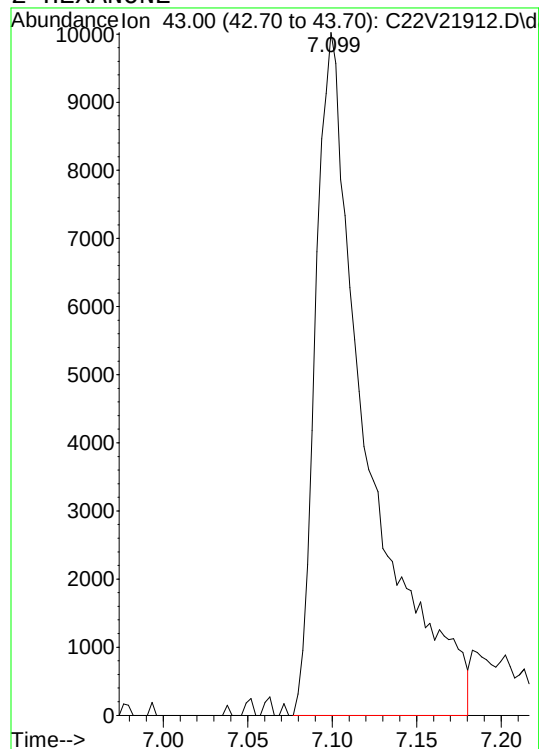


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

2-HEXANONE



Original Int. Results

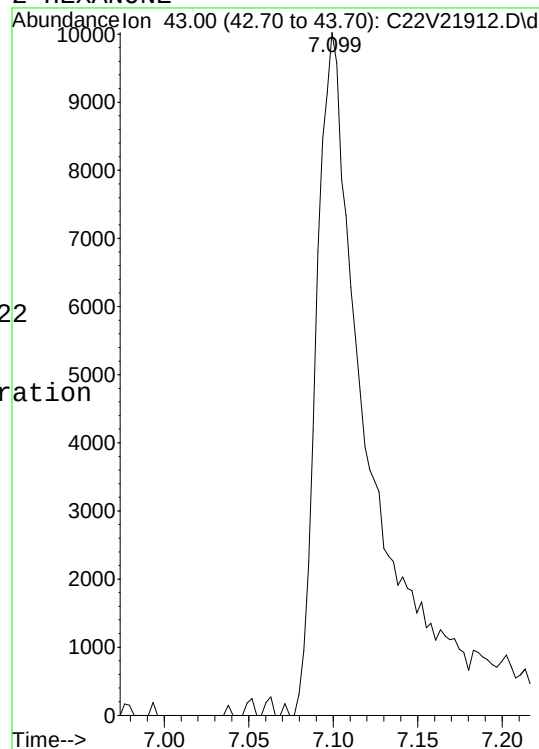
RT : 7.10
Area : 21157
Amount: 6.66388

Manual Int. Results

Mon Aug 08 12:19:06 2022
MIuser: EEH
Reason: Incoret Integration
RT : 7.10
Area : 23827
Amount: 7.50486

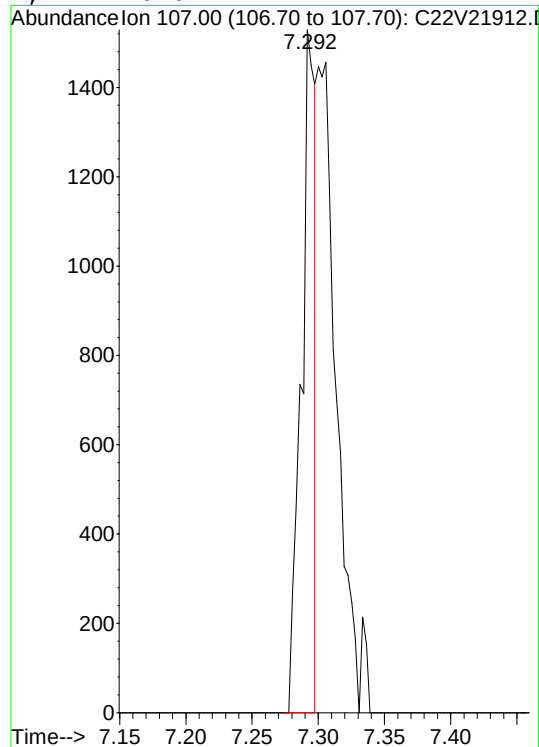
Manual Integration

2-HEXANONE



Original Integration

1,2-DIBROMOETHANE



Original Int. Results

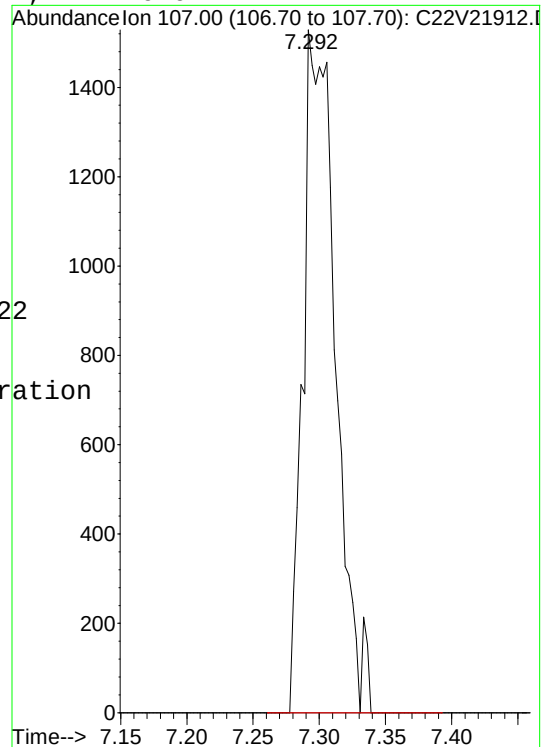
RT : 7.29
Area : 1099
Amount: 0.379955

Manual Int. Results

Mon Aug 08 12:19:11 2022
MIuser: EEH
Reason: Incoret Integration
RT : 7.29
Area : 2605
Amount: 0.900622

Manual Integration

1,2-DIBROMOETHANE

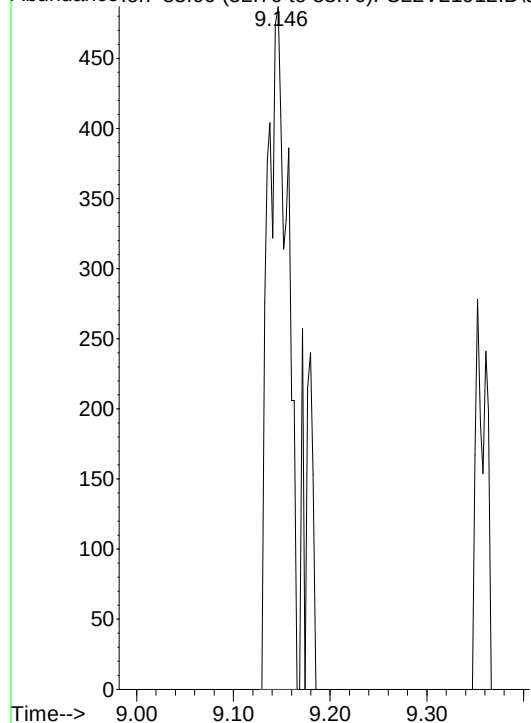


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,4-DICHLORO-2-BUTENE(TRANS)

Abundance on 53.00 (52.70 to 53.70): C22V21912.Did



Original Int. Results

RT : 9.15
Area : 702
Amount: 0.684278

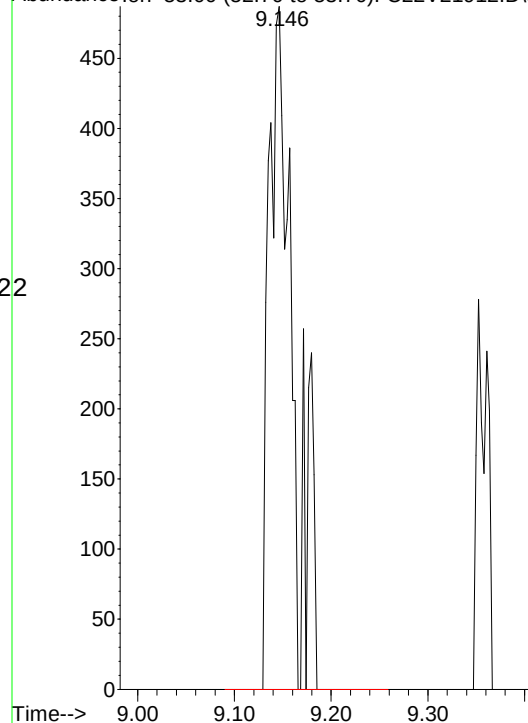
Manual Int. Results

Mon Aug 08 12:19:21 2022

MIuser: EEH
Reason: Other
RT : 9.15
Area : 847
Amount: 0.825617

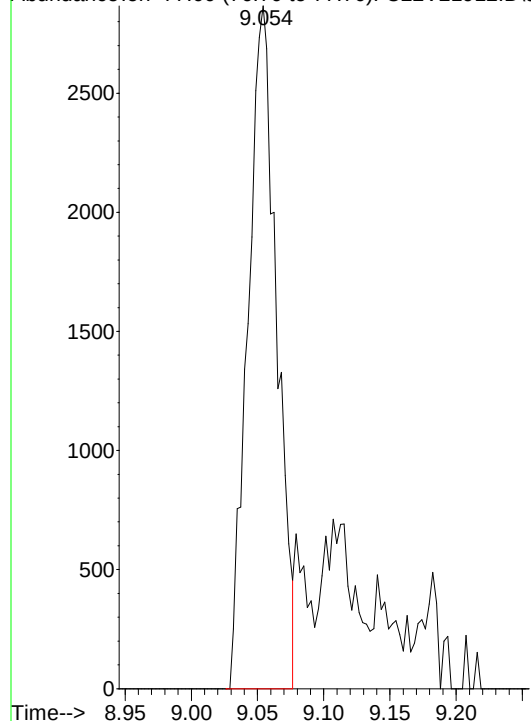
Manual Integration
1,4-DICHLORO-2-BUTENE(TRANS)

Abundance on 53.00 (52.70 to 53.70): C22V21912.Did



Original Integration
BROMOBENZENE

Abundance on 77.00 (76.70 to 77.70): C22V21912.Did



Original Int. Results

RT : 9.05
Area : 4329
Amount: 0.88539

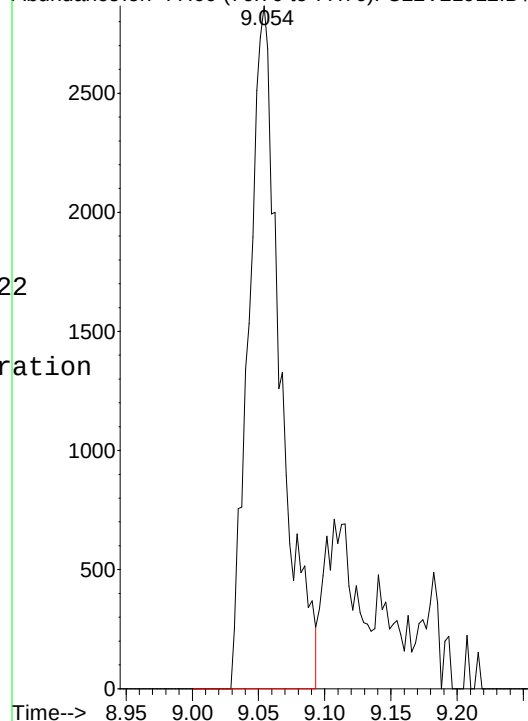
Manual Int. Results

Mon Aug 08 12:19:25 2022

MIuser: EEH
Reason: Incoret Integration
RT : 9.05
Area : 4767
Amount: 0.974972

Manual Integration
BROMOBENZENE

Abundance on 77.00 (76.70 to 77.70): C22V21912.Did

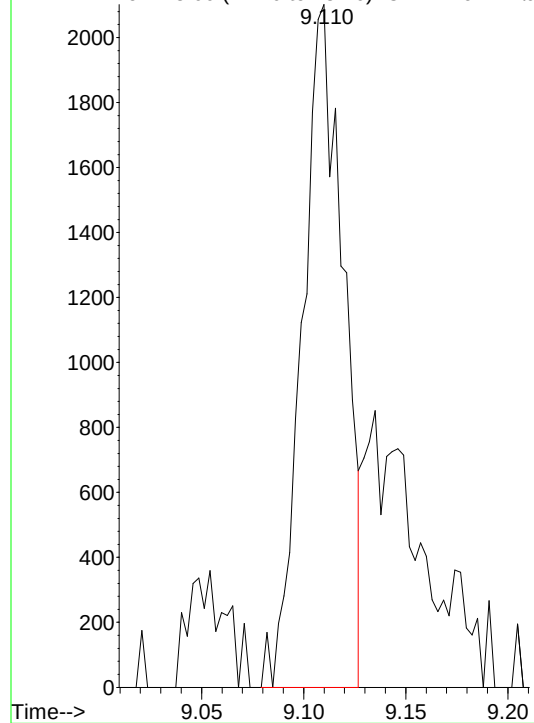


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,3-TRICHLOROPROPANE

Abundance on 75.00 (74.70 to 75.70): C22V21912.Did



Original Int. Results

RT : 9.11
Area : 2949
Amount: 0.869142

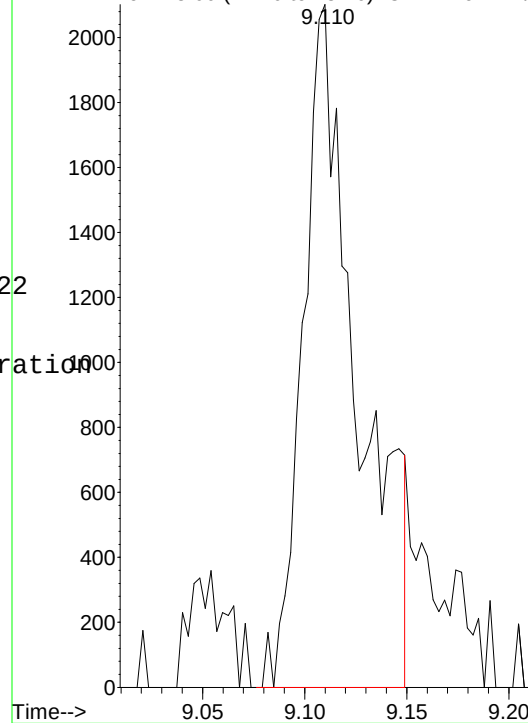
Manual Int. Results

Mon Aug 08 12:19:29 2022

MIuser: EEH
Reason: Incoret Integration
RT : 9.11
Area : 3907
Amount: 1.15149

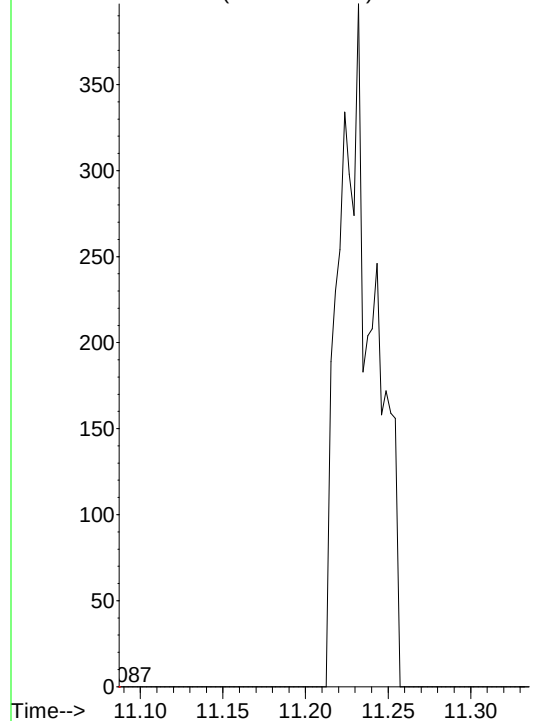
Manual Integration
1,2,3-TRICHLOROPROPANE

Abundance on 75.00 (74.70 to 75.70): C22V21912.Did



Original Integration
1,2-DIBROMO-3-CHLOROPROPANE

Abundance on 75.00 (74.70 to 75.70): C22V21912.Did



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

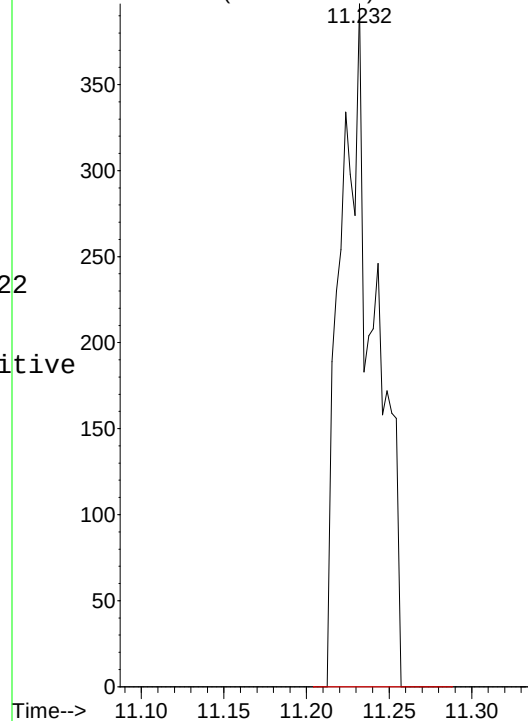
Manual Int. Results

Mon Aug 08 12:19:39 2022

MIuser: EEH
Reason: Qdel False Positive
RT : 11.23
Area : 579
Amount: 0.806502

Manual Integration
1,2-DIBROMO-3-CHLOROPROPANE

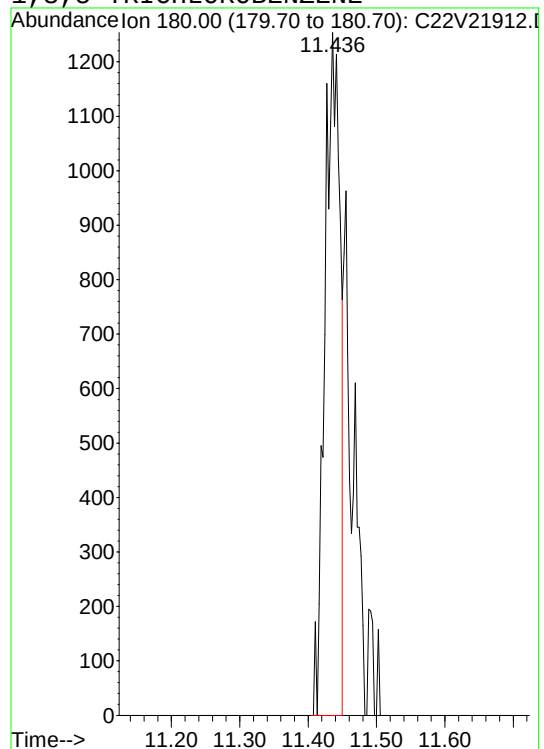
Abundance on 75.00 (74.70 to 75.70): C22V21912.Did



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,3,5-TRICHLOROBENZENE



Original Int. Results

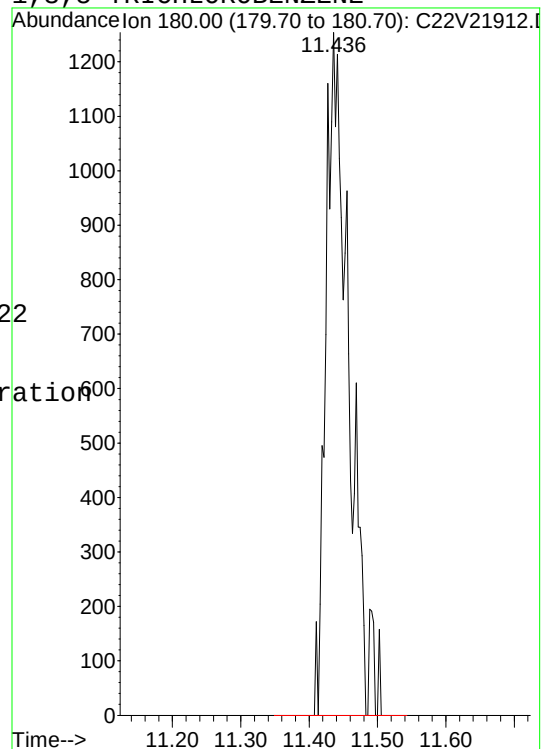
RT : 11.44
Area : 1920
Amount: 0.538942

Manual Int. Results

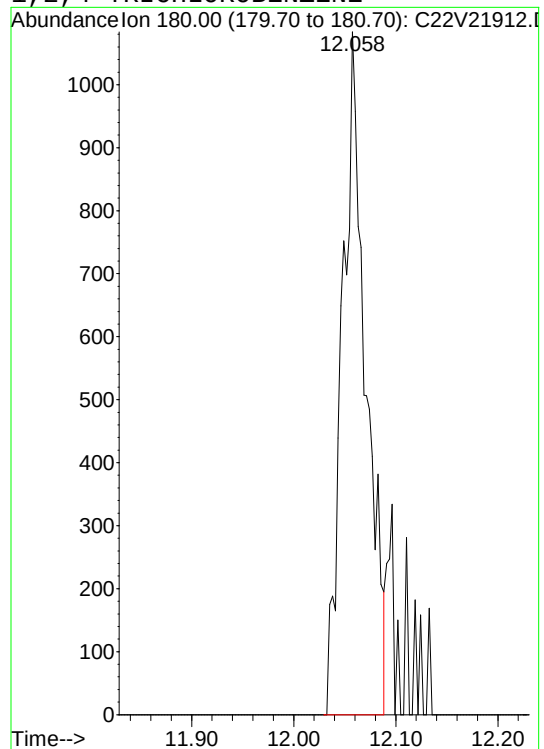
Mon Aug 08 12:19:42 2022

MIuser: EEH
Reason: Incoret Integration
RT : 11.44
Area : 2944
Amount: 0.826378

Manual Integration
1,3,5-TRICHLOROBENZENE



Original Integration
1,2,4-TRICHLOROBENZENE



Original Int. Results

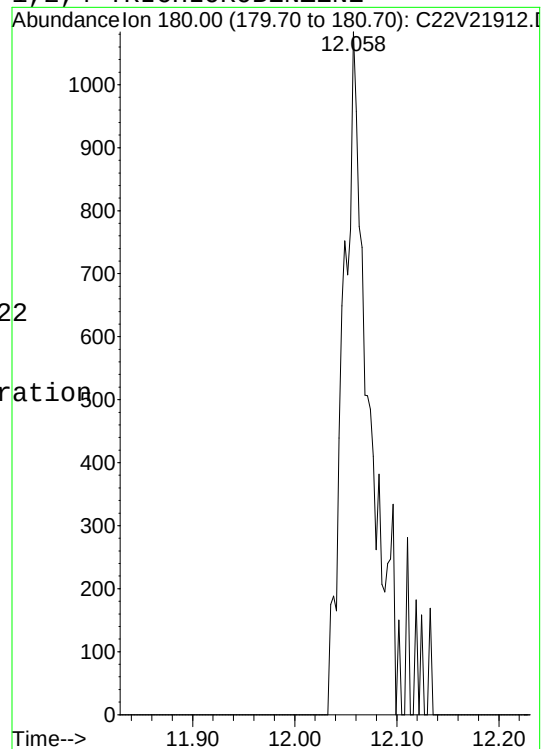
RT : 12.06
Area : 1731
Amount: 0.515846

Manual Int. Results

Mon Aug 08 12:19:44 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.06
Area : 2026
Amount: 0.603758

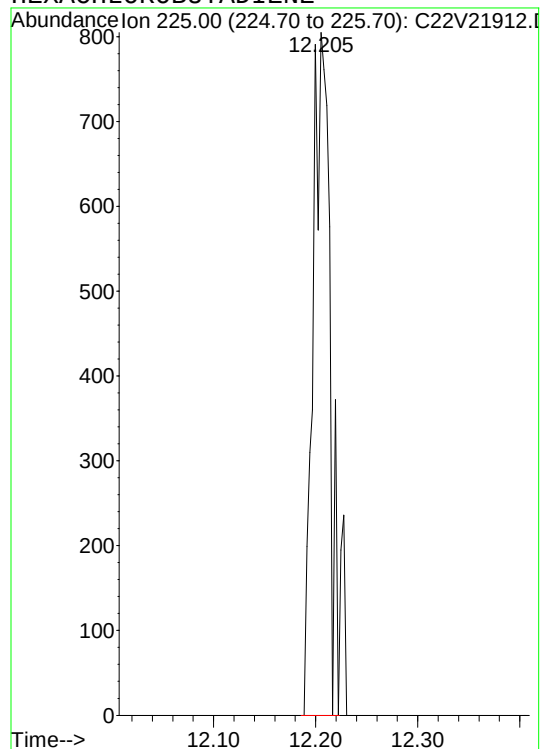
Manual Integration
1,2,4-TRICHLOROBENZENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
HEXACHLOROBUTADIENE



Original Int. Results

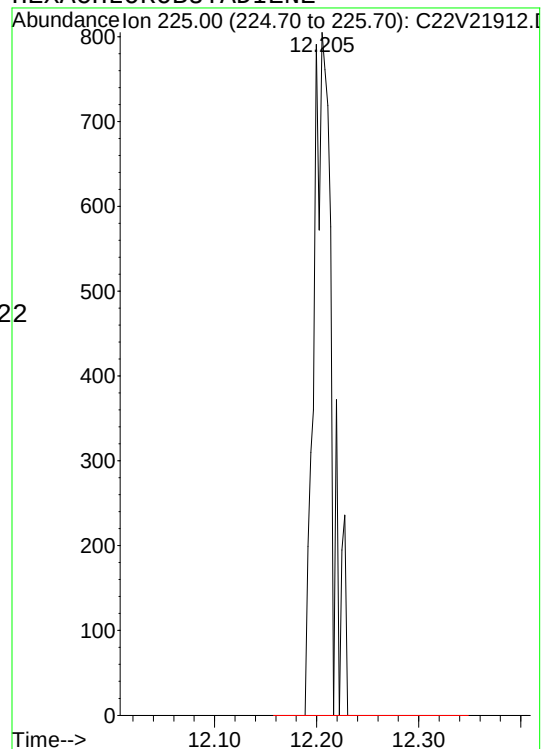
RT : 12.21
Area : 914
Amount: 0.715228

Manual Int. Results

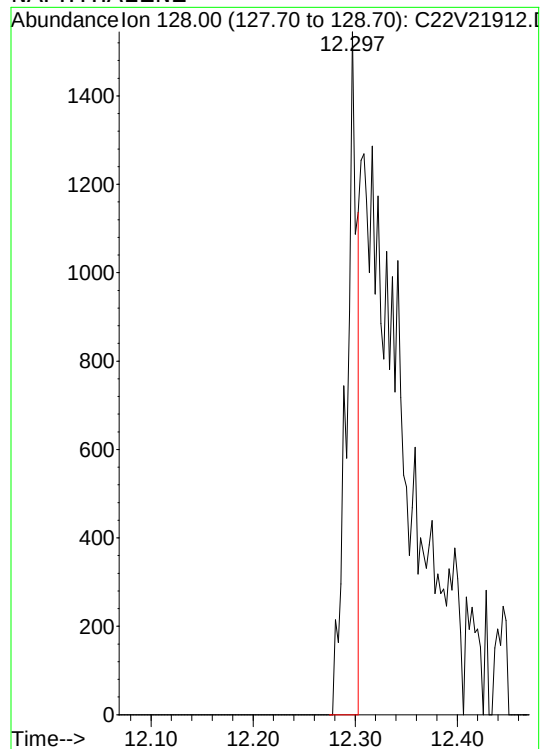
Mon Aug 08 12:19:47 2022

MIuser: EEH
Reason: Other
RT : 12.21
Area : 987
Amount: 0.772352

Manual Integration
HEXACHLOROBUTADIENE



Original Integration
NAPHTHALENE



Original Int. Results

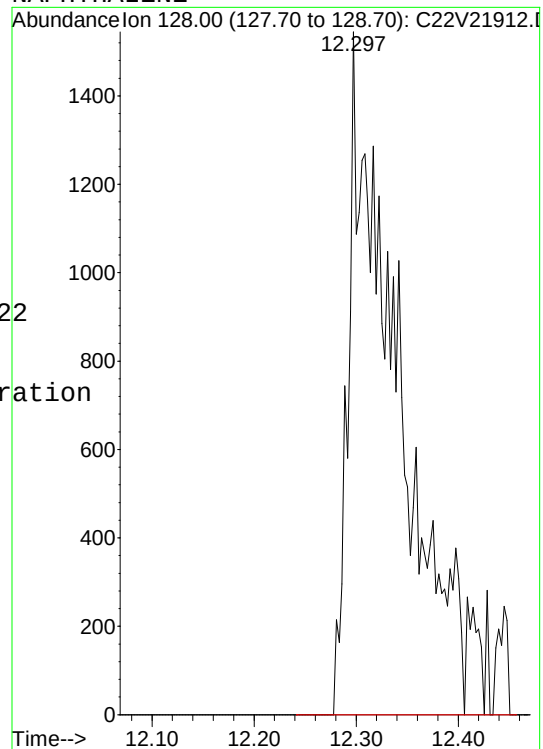
RT : 12.30
Area : 1117
Amount: 0.111355

Manual Int. Results

Mon Aug 08 12:19:50 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.30
Area : 5327
Amount: 0.531057

Manual Integration
NAPHTHALENE

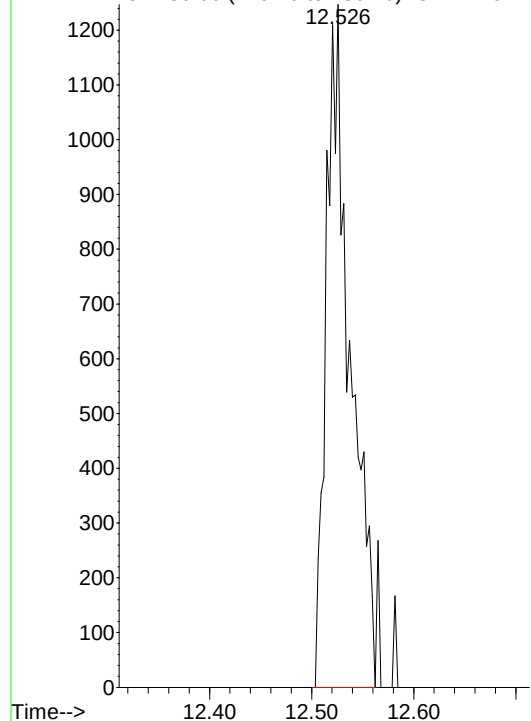


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,3-TRICHLOROBENZENE

Abundance on 180.00 (179.70 to 180.70): C22V21912.D



Original Int. Results

RT : 12.53
Area : 2038
Amount: 0.61146

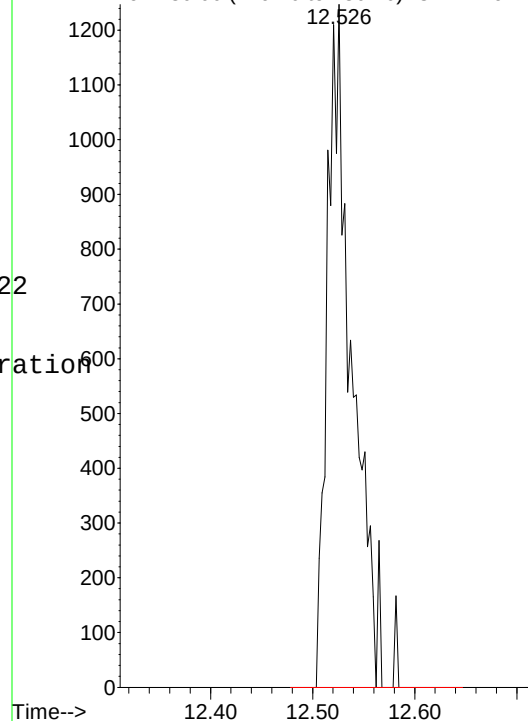
Manual Int. Results

Mon Aug 08 12:19:52 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.53
Area : 2110
Amount: 0.633062

Manual Integration
1,2,3-TRICHLOROBENZENE

Abundance on 180.00 (179.70 to 180.70): C22V21912.D



Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21913.D
 Acq On : 8 Aug 2022 11:58 am
 Operator :
 Sample : 8260STD 2.0PPB 2206105
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 08 12:21:53 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.194	168	191246	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	281380	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	138580	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	132836	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	91527	25.44	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.76%	
49) TOLUENE SS	6.352	98	276973	24.68	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.72%	
71) 4-BROMOFLUOROBENZENE SS	8.909	95	101308	24.64	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.56%	
Target Compounds						
					Qvalue	
3) DICHLORODIFLUOROMETHANE	1.087	85	5656	1.81	UG/L	99
4) DIFLUOROCHLOROMETHANE	1.093	51	7218	1.94	UG/L	# 100
5) CHLOROMETHANE	1.196	50	10248	2.46	UG/L	# 27
6) VINYL CHLORIDE	1.260	62	6558	1.97	UG/L	# 82
7) BROMOMETHANE	1.455	94	4567	2.52	UG/L	99
8) CHLOROETHANE	1.517	64	4892	2.66	UG/L	92
9) FLUORODICHLOROMETHANE	1.639	67	10902	2.17	UG/L	96
10) TRICHLOROFLUOROMETHANE	1.678	101	8380	2.26	UG/L	98
11) ETHANOL	1.795	45	1842	28.26	UG/L	# 66
12) DI ETHYL ETHER	1.868	59	4758	2.02	UG/L	89
13) ACROLEIN	1.957	56	10790	13.71	UG/L	91
14) ACETONE	2.069	43	22417	18.69	UG/L	95
15) 1,1-DICHLOROETHENE	2.024	61	8599	2.32	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	2.024	101	5096	2.51	UG/L	82
17) IODOMETHANE	2.138	142	55096	18.19	UG/L	99
20) METHYL ACETATE	2.320	43	9080	2.44	UG/L	# 82
21) T-BUTYL ALCOHOL	2.509	59	9297	20.15	UG/L	# 97
22) ACRYLONITRILE	2.618	53	2743m	1.73	UG/L	
23) METHYLENE CHLORIDE	2.395	49	8180	2.08	UG/L	96
24) CARBON DISULFIDE	2.191	76	162961	22.83	UG/L	100
25) METHYL TERT-BUTYL ETHE...	2.643	73	17731	2.12	UG/L	97
26) TRANS 1,2-DICHLOROETHENE	2.629	61	7656	2.00	UG/L	96
27) 1,1-DICHLOROETHANE	3.042	63	10053	1.96	UG/L	98
28) VINYL ACETATE	3.112	43	165358	16.78	UG/L	99
29) DI ISOPROYL ETHER	3.123	45	19849	1.79	UG/L	98
31) 2-BUTANONE	3.681	43	31842	14.78	UG/L	# 62
32) T-BUTYL ETHYL ETHER	3.508	59	17314	1.87	UG/L	99
33) CIS-1,2-DICHLOROETHENE	3.644	61	8634	1.93	UG/L	95
34) 2,2-DICHLOROPROPANE	3.636	77	7908	2.06	UG/L	# 73
35) ETHYL ACETATE	3.759	43	8738m	2.01	UG/L	
38) BROMOCHLOROMETHANE	3.881	49	5178	1.97	UG/L	97
39) TETRAHYDROFURAN	3.957	42	2148m	1.67	UG/L	
40) CHLOROFORM	3.968	83	9470	1.99	UG/L	98
41) 1,1,1-TRICHLOROETHANE	4.141	97	7988	2.10	UG/L	90
42) CYCLOHEXANE	4.191	56	11347	2.52	UG/L	# 74
43) CARBON TETRACHLORIDE	4.308	117	6566	2.06	UG/L	# 53
44) 1,1-DICHLOROPROPENE	4.314	75	6934	1.97	UG/L	93
45) BENZENE	4.517	78	20981	1.91	UG/L	# 93
47) T-AMYL METHYL ETHER	4.657	73	16581	2.02	UG/L	96
50) 1,2-DICHLOROETHANE	4.548	62	7931	2.07	UG/L	# 94
51) TRICHLOROETHENE	5.164	95	5306	2.14	UG/L	91
52) METHYLCYCLOHEXANE	5.334	83	6416	1.89	UG/L	94
53) 1,2-DICHLOROPROPANE	5.384	63	5865	1.98	UG/L	# 97

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21913.D
 Acq On : 8 Aug 2022 11:58 am
 Operator :
 Sample : 8260STD 2.0PPB 2206105
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Inst : GCMSVOA3

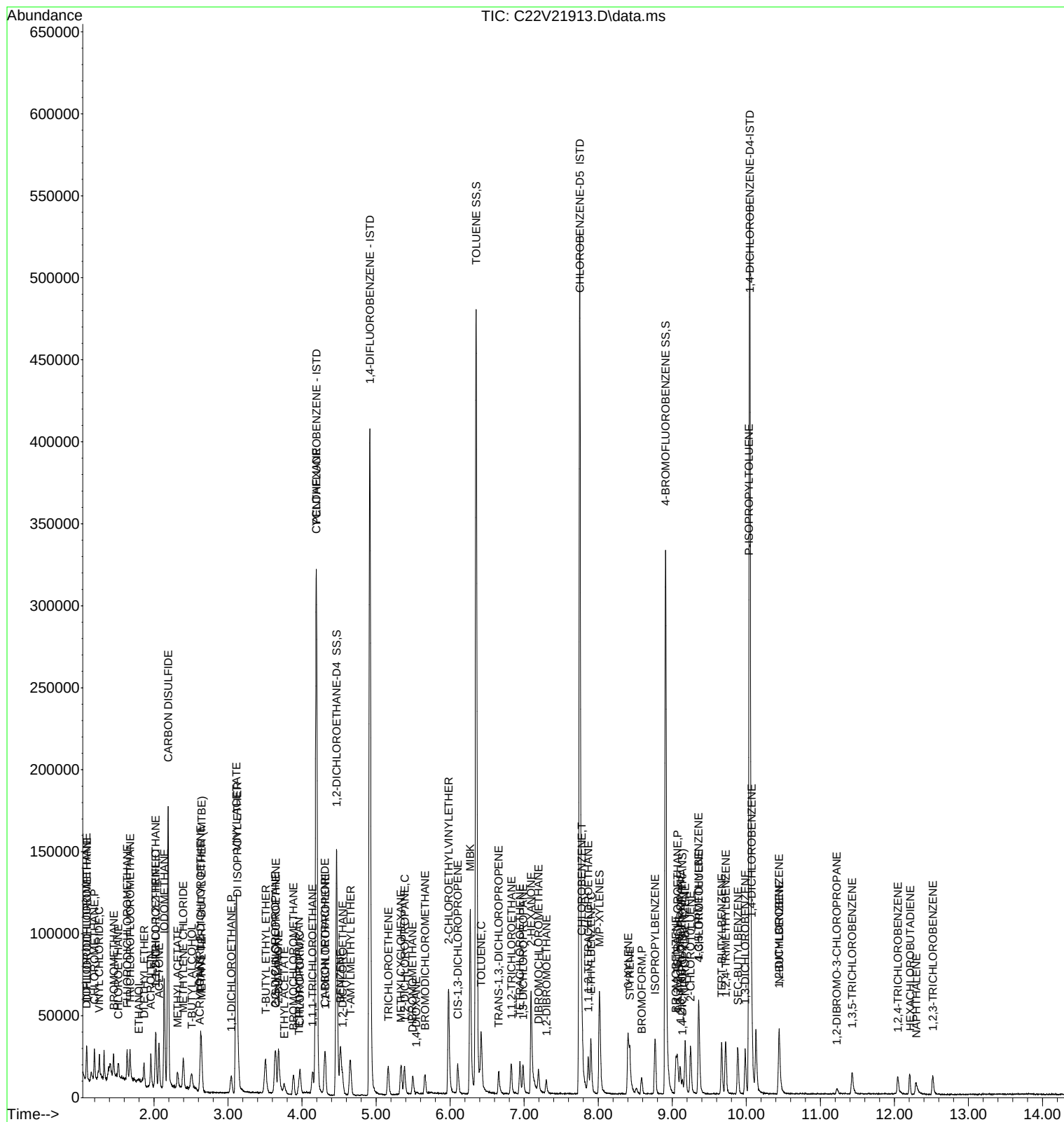
Quant Time: Aug 08 12:21:53 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) DIBROMOMETHANE	5.493	93	3526	1.92	UG/L	96
56) 1,4-DIOXANE	5.541	88	722m	16.61	UG/L	
57) BROMODICHLOROMETHANE	5.660	83	7232	2.04	UG/L #	97
58) 2-CHLOROETHYL VINYLETHYL	5.978	63	24357	16.81	UG/L	96
59) MIBK	6.268	43	70892	16.23	UG/L	99
60) CIS-1,3-DICHLOROPROPENE	6.104	75	8457	1.87	UG/L	95
61) TOLUENE	6.419	91	22413	2.06	UG/L	92
62) TRANS-1,3-DICHLOROPRO...	6.653	75	7265	1.78	UG/L	93
64) 1,1,2-TRICHLOROETHANE	6.826	97	5279	2.06	UG/L	97
65) 2-HEXANONE	7.094	43	47327m	15.09	UG/L	
66) TETRACHLOROETHENE	6.943	166	5393	2.14	UG/L	95
67) 1,3-DICHLOROPROPANE	6.985	76	9345	1.96	UG/L	100
68) DIBROMOCHLOROMETHANE	7.194	129	5917	2.01	UG/L	97
69) 1,2-DIBROMOETHANE	7.300	107	5516	1.93	UG/L	97
72) CHLOROBENZENE	7.777	112	14026	2.05	UG/L	94
73) 1,1,1,2-TETRACHLOROETHANE	7.866	131	5079	2.08	UG/L	94
74) ETHYLBENZENE	7.903	91	22700	1.93	UG/L	95
75) M/P-XYLENES	8.017	91	36382	4.08	UG/L	94
76) O-XYLENE	8.404	91	18859	2.05	UG/L	100
77) STYRENE	8.424	104	14310	1.93	UG/L	99
78) BROMOFORM	8.589	173	4367	2.03	UG/L #	90
79) ISOPROPYLBENZENE	8.767	105	21905	2.06	UG/L	98
81) 1,1,2,2-TETRACHLOROETHANE	9.071	83	8506	2.10	UG/L #	92
82) 1,4-DICHLORO-2-BUTENE(...	9.135	53	2158m	2.11	UG/L	
83) BROMOBENZENE	9.049	77	9467	1.94	UG/L	92
84) 1,2,3-TRICHLOROPROPANE	9.110	75	6365	1.88	UG/L	97
85) N-PROPYLBENZENE	9.174	91	23511	1.88	UG/L	98
86) 2-CHLOROTOLUENE	9.247	91	14942	1.88	UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	9.355	105	16854	1.90	UG/L	100
88) 4-CHLOROTOLUENE	9.361	91	18045	1.99	UG/L	94
90) TERT-BUTYLBENZENE	9.668	119	14149	1.97	UG/L	93
91) 1,2,4-TRIMETHYLBENZENE	9.721	105	16958	1.87	UG/L	99
92) SEC-BUTYLBENZENE	9.888	105	19097	1.89	UG/L	94
93) 1,3-DICHLOROBENZENE	9.986	146	10486	2.00	UG/L	98
94) P-ISOPROPYLTOLUENE	10.036	119	16092	1.85	UG/L	97
95) 1,4-DICHLOROBENZENE	10.072	146	10982	1.97	UG/L	92
97) N-BUTYLBENZENE	10.446	91	12776	1.63	UG/L	95
98) 1,2-DICHLOROBENZENE	10.440	146	10652	2.01	UG/L	97
99) 1,2-DIBROMO-3-CHLOROPR...	11.218	75	1241m	1.70	UG/L	
100) 1,3,5-TRICHLOROBENZENE	11.427	180	6003	1.66	UG/L	94
101) 1,2,4-TRICHLOROBENZENE	12.046	180	4834m	1.42	UG/L	
102) HEXACHLOROBUTADIENE	12.211	225	2619	2.02	UG/L #	84
103) NAPHTHALENE	12.295	128	12651m	1.24	UG/L	
104) 1,2,3-TRICHLOROBENZENE	12.518	180	4622m	1.37	UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

241

Quant Time: Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

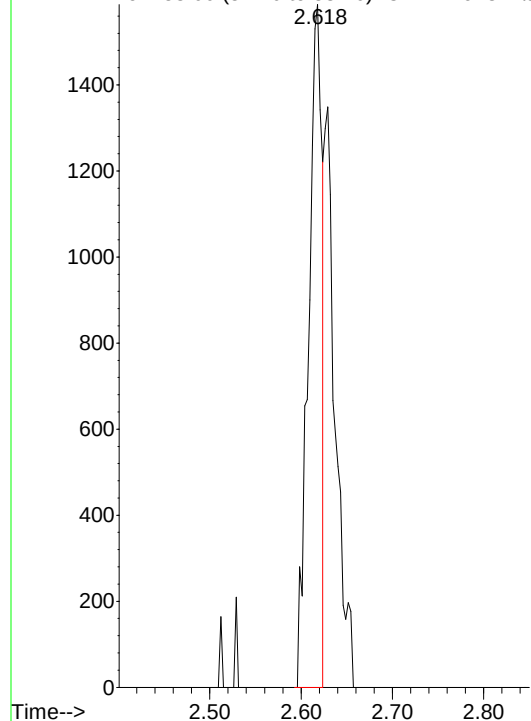


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21913.D
Acq On : 8 Aug 2022 11:58 am
Operator :
Sample : 8260STD 2.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
ACRYLONITRILE

Abundance Ion 53.00 (52.70 to 53.70): C22V21913.D



Original Int. Results

RT : 2.62
Area : 1616
Amount: 1.02042

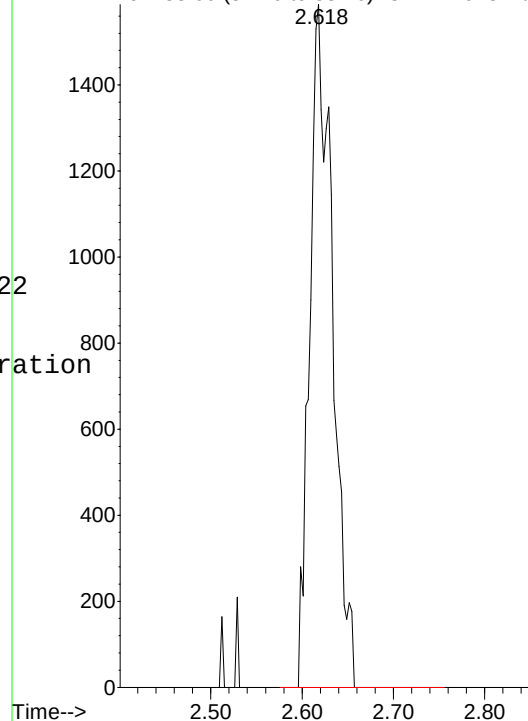
Manual Int. Results

Mon Aug 08 12:20:30 2022

MIuser: EEH
Reason: Incoret Integration
RT : 2.62
Area : 2743
Amount: 1.73207

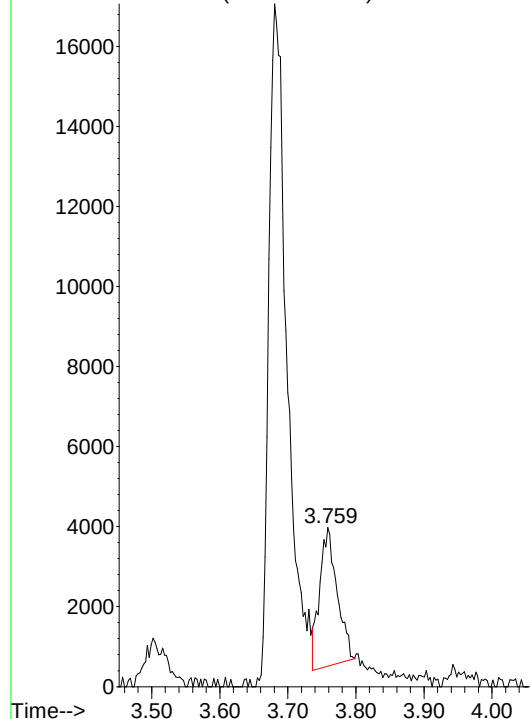
Manual Integration
ACRYLONITRILE

Abundance Ion 53.00 (52.70 to 53.70): C22V21913.D



Original Integration
ETHYL ACETATE

Abundance Ion 43.00 (42.70 to 43.70): C22V21913.D



Original Int. Results

RT : 3.76
Area : 6159
Amount: 1.41543

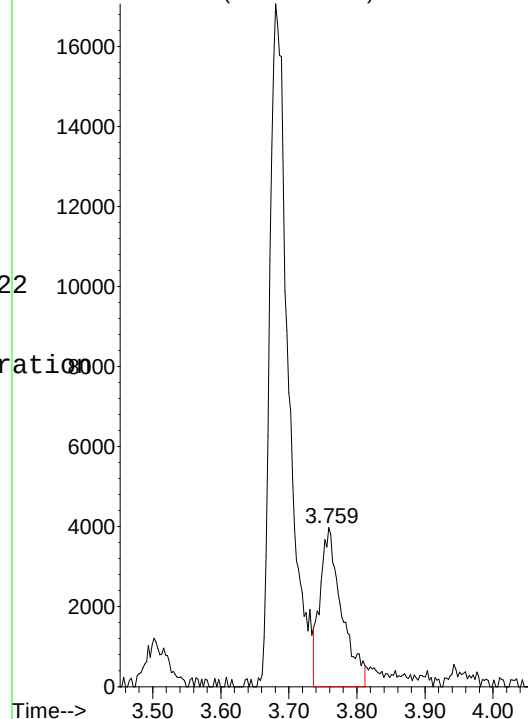
Manual Int. Results

Mon Aug 08 12:20:43 2022

MIuser: EEH
Reason: Incoret Integration
RT : 3.76
Area : 8738
Amount: 2.00812

Manual Integration
ETHYL ACETATE

Abundance Ion 43.00 (42.70 to 43.70): C22V21913.D

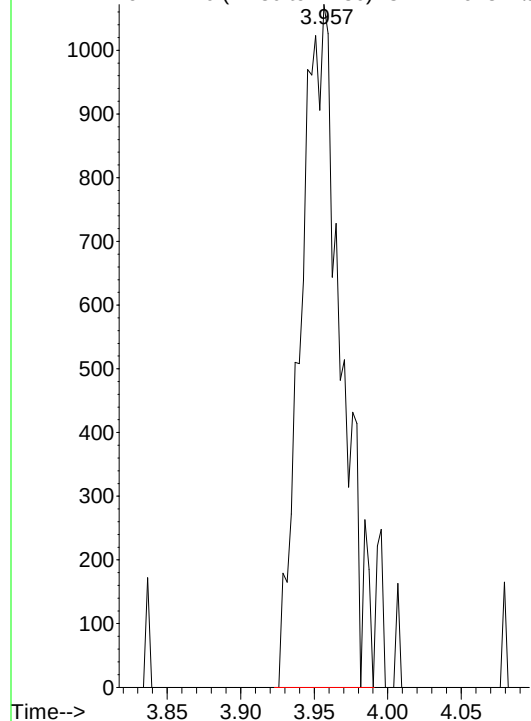


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21913.D
Acq On : 8 Aug 2022 11:58 am
Operator :
Sample : 8260STD 2.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
TETRAHYDROFURAN

Abundance Ion 42.10 (41.80 to 42.80): C22V21913.D



Original Int. Results

RT : 3.96
Area : 2043
Amount: 1.58851

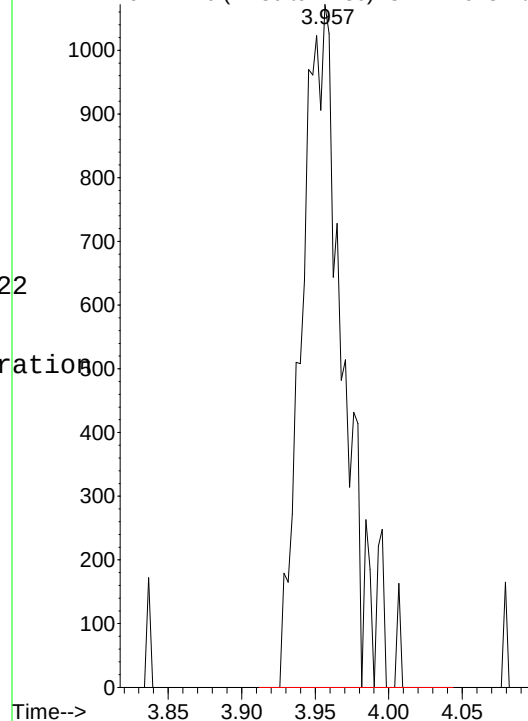
Manual Int. Results

Mon Aug 08 12:20:49 2022

MIuser: EEH
Reason: Incoret Integration
RT : 3.96
Area : 2148
Amount: 1.67015

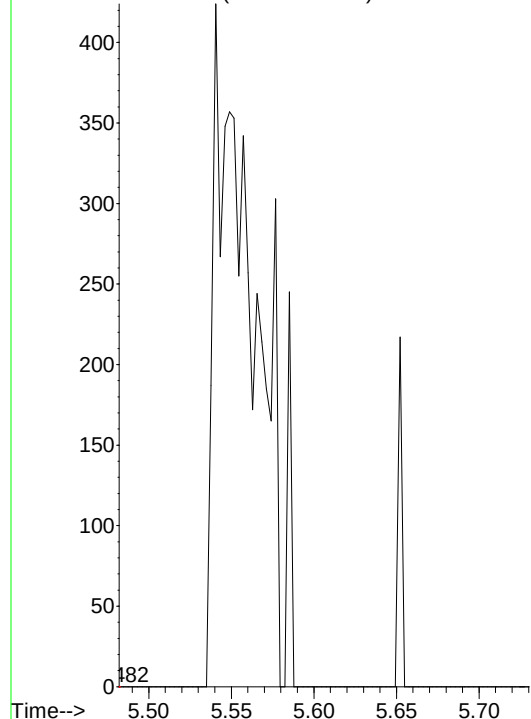
Manual Integration
TETRAHYDROFURAN

Abundance Ion 42.10 (41.80 to 42.80): C22V21913.D



Original Integration
1,4-DIOXANE

Abundance Ion 88.10 (87.80 to 88.80): C22V21913.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

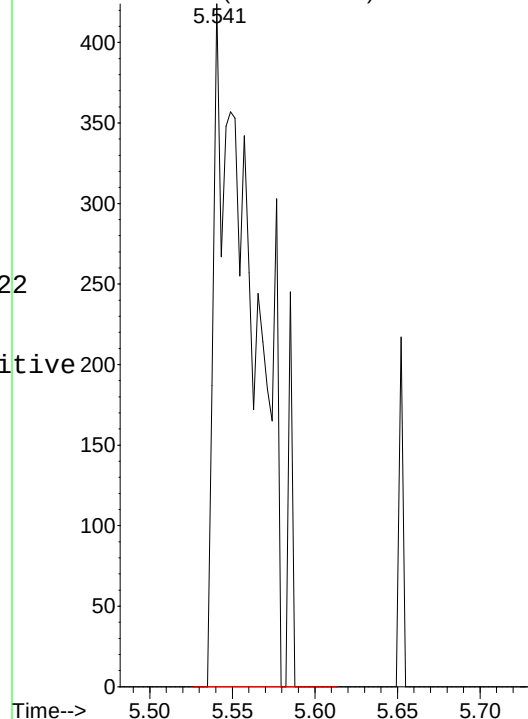
Manual Int. Results

Mon Aug 08 12:21:02 2022

MIuser: EEH
Reason: Qdel False Positive
RT : 5.54
Area : 722
Amount: 16.6073

Manual Integration
1,4-DIOXANE

Abundance Ion 88.10 (87.80 to 88.80): C22V21913.D

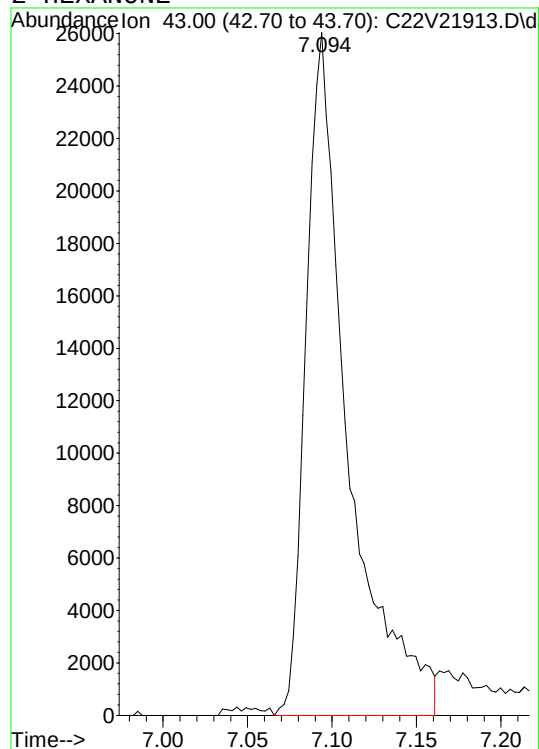


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21913.D
Acq On : 8 Aug 2022 11:58 am
Operator :
Sample : 8260STD 2.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

2-HEXANONE



Original Int. Results

RT : 7.09
Area : 44841
Amount: 14.2963

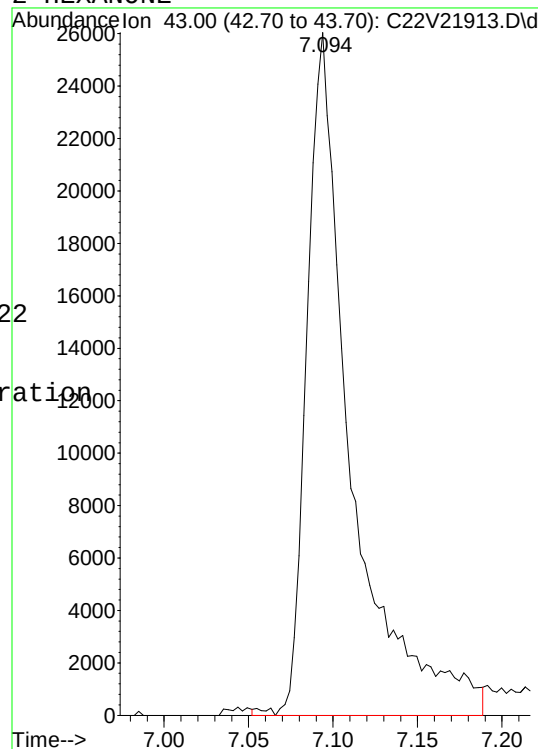
Manual Int. Results

Mon Aug 08 12:21:11 2022

MIuser: EEH
Reason: Incoret Integration
RT : 7.09
Area : 47327
Amount: 15.0889

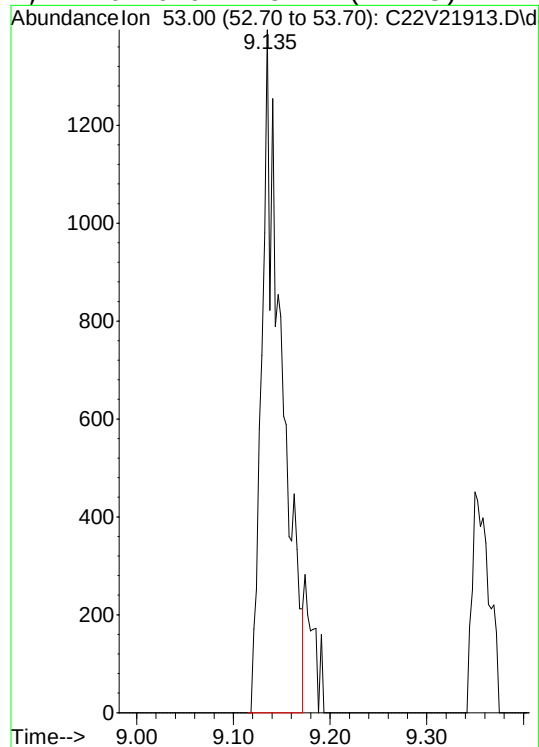
Manual Integration

2-HEXANONE



Original Integration

1,4-DICHLORO-2-BUTENE(TRANS)



Original Int. Results

RT : 9.14
Area : 1965
Amount: 1.91798

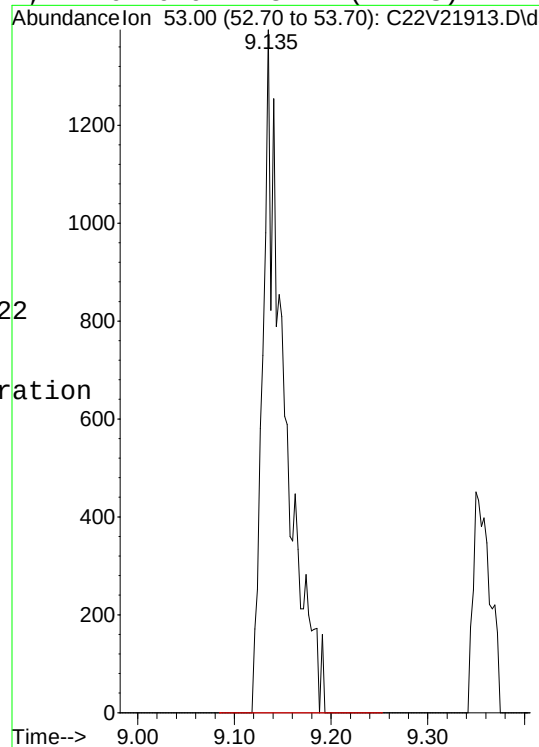
Manual Int. Results

Mon Aug 08 12:21:24 2022

MIuser: EEH
Reason: Incoret Integration
RT : 9.14
Area : 2158
Amount: 2.10636

Manual Integration

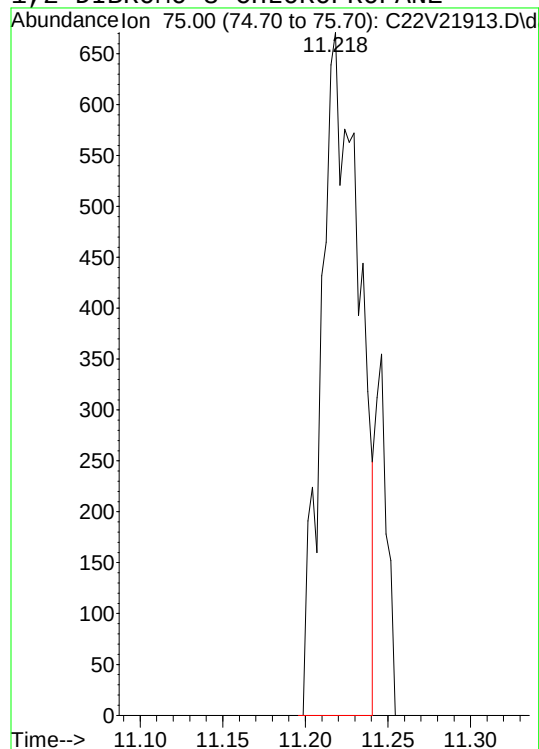
1,4-DICHLORO-2-BUTENE(TRANS)



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21913.D
Acq On : 8 Aug 2022 11:58 am
Operator :
Sample : 8260STD 2.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2-DIBROMO-3-CHLOROPROPANE



Original Int. Results

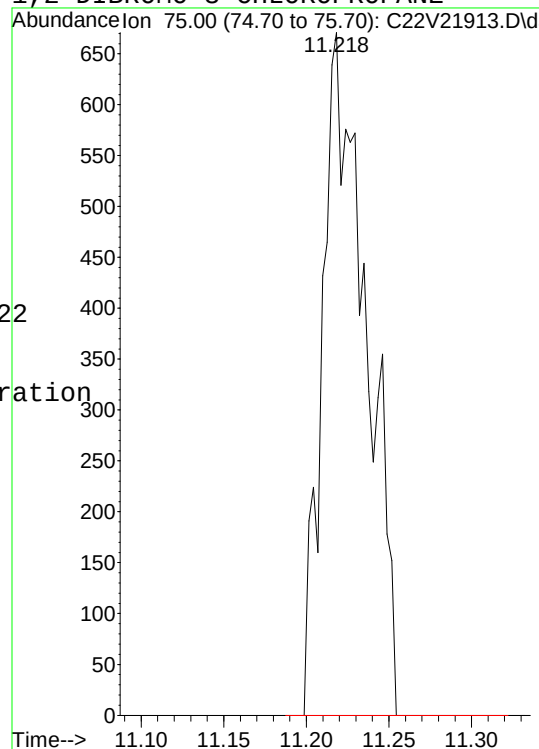
RT : 11.22
Area : 1074
Amount: 1.47451

Manual Int. Results

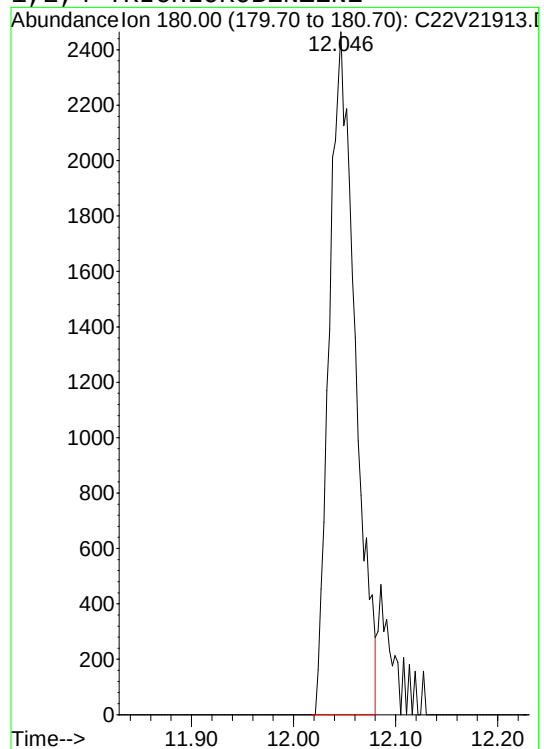
Mon Aug 08 12:21:40 2022

MIuser: EEH
Reason: Incoret Integration
RT : 11.22
Area : 1241
Amount: 1.70379

Manual Integration
1,2-DIBROMO-3-CHLOROPROPANE



Original Integration
1,2,4-TRICHLOROBENZENE



Original Int. Results

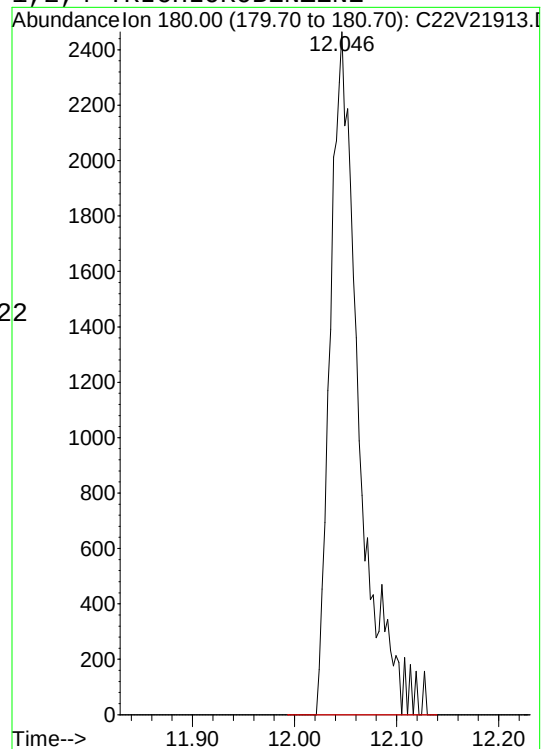
RT : 12.05
Area : 4344
Amount: 1.27594

Manual Int. Results

Mon Aug 08 12:21:45 2022

MIuser: EEH
Reason: Other
RT : 12.05
Area : 4834
Amount: 1.41986

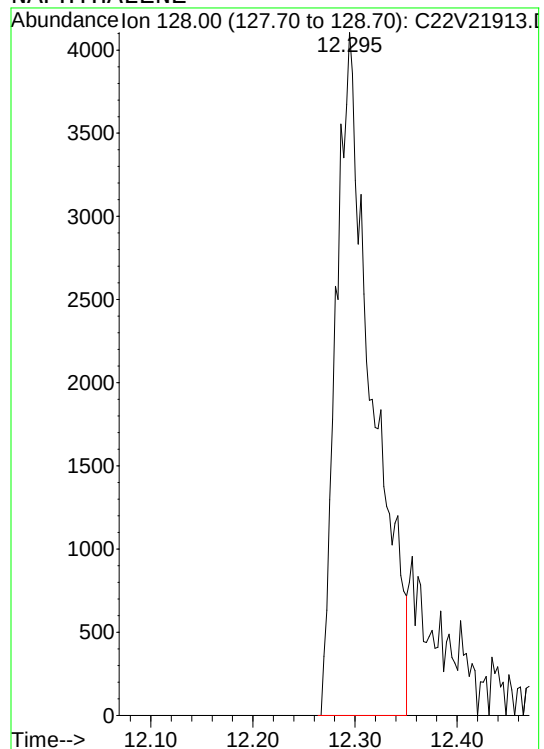
Manual Integration
1,2,4-TRICHLOROBENZENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21913.D
Acq On : 8 Aug 2022 11:58 am
Operator :
Sample : 8260STD 2.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
NAPHTHALENE



Original Int. Results

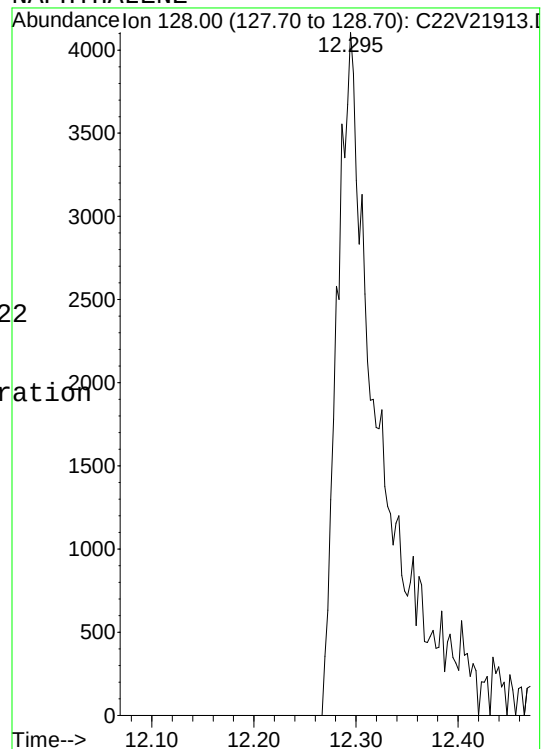
RT : 12.29
Area : 10064
Amount: 0.988884

Manual Int. Results

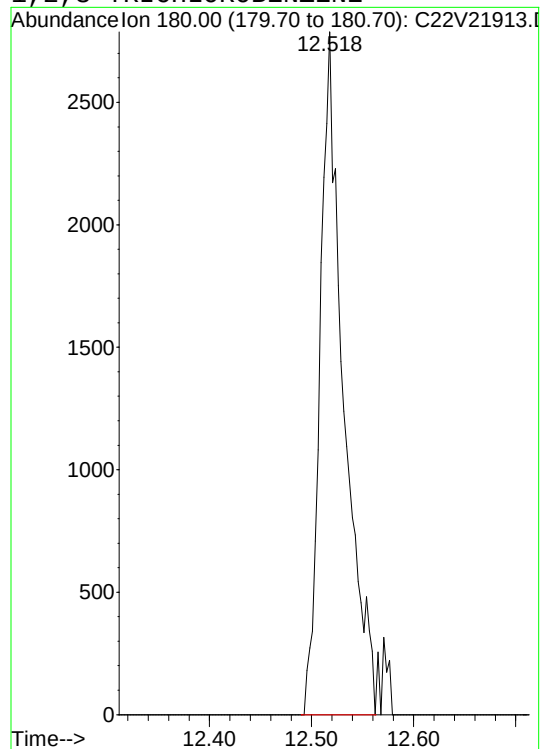
Mon Aug 08 12:21:50 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.29
Area : 12651
Amount: 1.24308

Manual Integration
NAPHTHALENE



Original Integration
1,2,3-TRICHLOROBENZENE



Original Int. Results

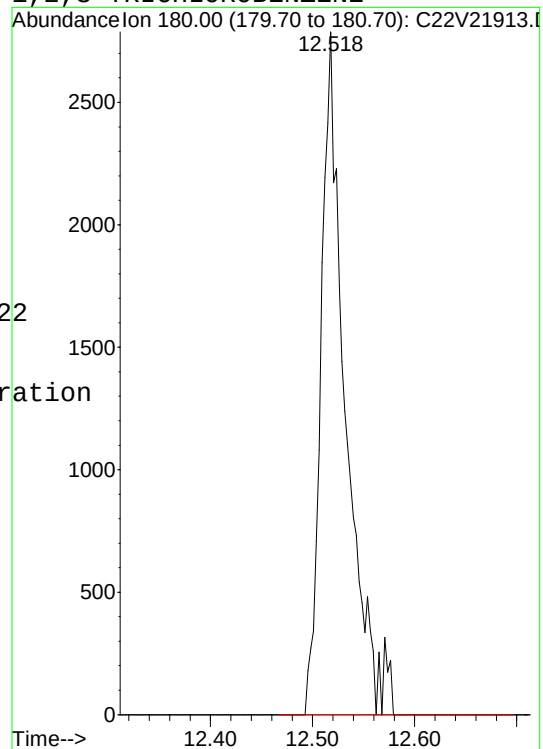
RT : 12.52
Area : 4460
Amount: 1.31891

Manual Int. Results

Mon Aug 08 12:21:53 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.52
Area : 4622
Amount: 1.36682

Manual Integration
1,2,3-TRICHLOROBENZENE



Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21914.D
 Acq On : 8 Aug 2022 12:22 pm
 Operator :
 Sample : 8260STD 5.0PPB 2206105
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 08 13:48:54 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.194	168	195685	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	289602	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	143879	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	139575	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	92881	25.23	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.92%	
49) TOLUENE SS	6.349	98	288589	24.99	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.96%	
71) 4-BROMOFLUOROBENZENE SS	8.909	95	107241	25.13	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.52%	
Target Compounds						
					Qvalue	
3) DICHLORODIFLUOROMETHANE	1.087	85	13984	4.38	UG/L	96
4) DIFLUOROCHLOROMETHANE	1.093	51	18551	4.86	UG/L	# 100
5) CHLOROMETHANE	1.196	50	23823	5.60	UG/L	# 26
6) VINYL CHLORIDE	1.263	62	17559	5.16	UG/L	94
7) BROMOMETHANE	1.452	94	9971	5.37	UG/L	99
8) CHLOROETHANE	1.516	64	12070	6.42	UG/L	99
9) FLUORODICHLOROMETHANE	1.636	67	27892	5.42	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.675	101	21049	5.56	UG/L	100
11) ETHANOL	1.798	45	3034	45.49	UG/L	# 88
12) DI ETHYL ETHER	1.862	59	12783	5.29	UG/L	97
13) ACROLEIN	1.957	56	29810	37.02	UG/L	99
14) ACETONE	2.066	43	60047	48.92	UG/L	96
15) 1,1-DICHLOROETHENE	2.024	61	21244	5.61	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.021	101	12671	6.11	UG/L	81
17) IODOMETHANE	2.138	142	160832	51.89	UG/L	98
20) METHYL ACETATE	2.317	43	23425	6.16	UG/L	98
21) T-BUTYL ALCOHOL	2.515	59	22757	48.20	UG/L	# 97
22) ACRYLONITRILE	2.621	53	7594	4.69	UG/L	99
23) METHYLENE CHLORIDE	2.395	49	21884	5.44	UG/L	97
24) CARBON DISULFIDE	2.188	76	424933	58.17	UG/L	99
25) METHYL TERT-BUTYL ETHE...	2.640	73	45825	5.36	UG/L	97
26) TRANS 1,2-DICHLOROETHENE	2.632	61	19381	4.94	UG/L	99
27) 1,1-DICHLOROETHANE	3.045	63	26035	4.96	UG/L	98
28) VINYL ACETATE	3.112	43	445683	44.19	UG/L	99
29) DI ISOPROYL ETHER	3.128	45	51303	4.52	UG/L	96
31) 2-BUTANONE	3.678	43	90607	41.11	UG/L	95
32) T-BUTYL ETHYL ETHER	3.505	59	45419	4.80	UG/L	99
33) CIS-1,2-DICHLOROETHENE	3.639	61	22445	4.91	UG/L	96
34) 2,2-DICHLOROPROPANE	3.633	77	19815	5.04	UG/L	92
35) ETHYL ACETATE	3.756	43	19495	4.38	UG/L	96
38) BROMOCHLOROMETHANE	3.884	49	13878	5.15	UG/L	98
39) TETRAHYDROFURAN	3.945	42	5898	4.48	UG/L	92
40) CHLOROFORM	3.973	83	25415	5.22	UG/L	98
41) 1,1,1-TRICHLOROETHANE	4.146	97	21216	5.45	UG/L	# 84
42) CYCLOHEXANE	4.191	56	23485	5.10	UG/L	89
43) CARBON TETRACHLORIDE	4.302	117	17276	5.30	UG/L	97
44) 1,1-DICHLOROPROPENE	4.311	75	18177	5.04	UG/L	94
45) BENZENE	4.517	78	53508	4.75	UG/L	98
47) T-AMYL METHYL ETHER	4.651	73	43685	5.19	UG/L	96
50) 1,2-DICHLOROETHANE	4.545	62	21482	5.45	UG/L	97
51) TRICHLOROETHENE	5.161	95	13016	5.11	UG/L	97
52) METHYLCYCLOHEXANE	5.340	83	15795	4.53	UG/L	96
53) 1,2-DICHLOROPROPANE	5.384	63	14876	4.87	UG/L	97

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21914.D
 Acq On : 8 Aug 2022 12:22 pm
 Operator :
 Sample : 8260STD 5.0PPB 2206105
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Inst : GCMSVOA3

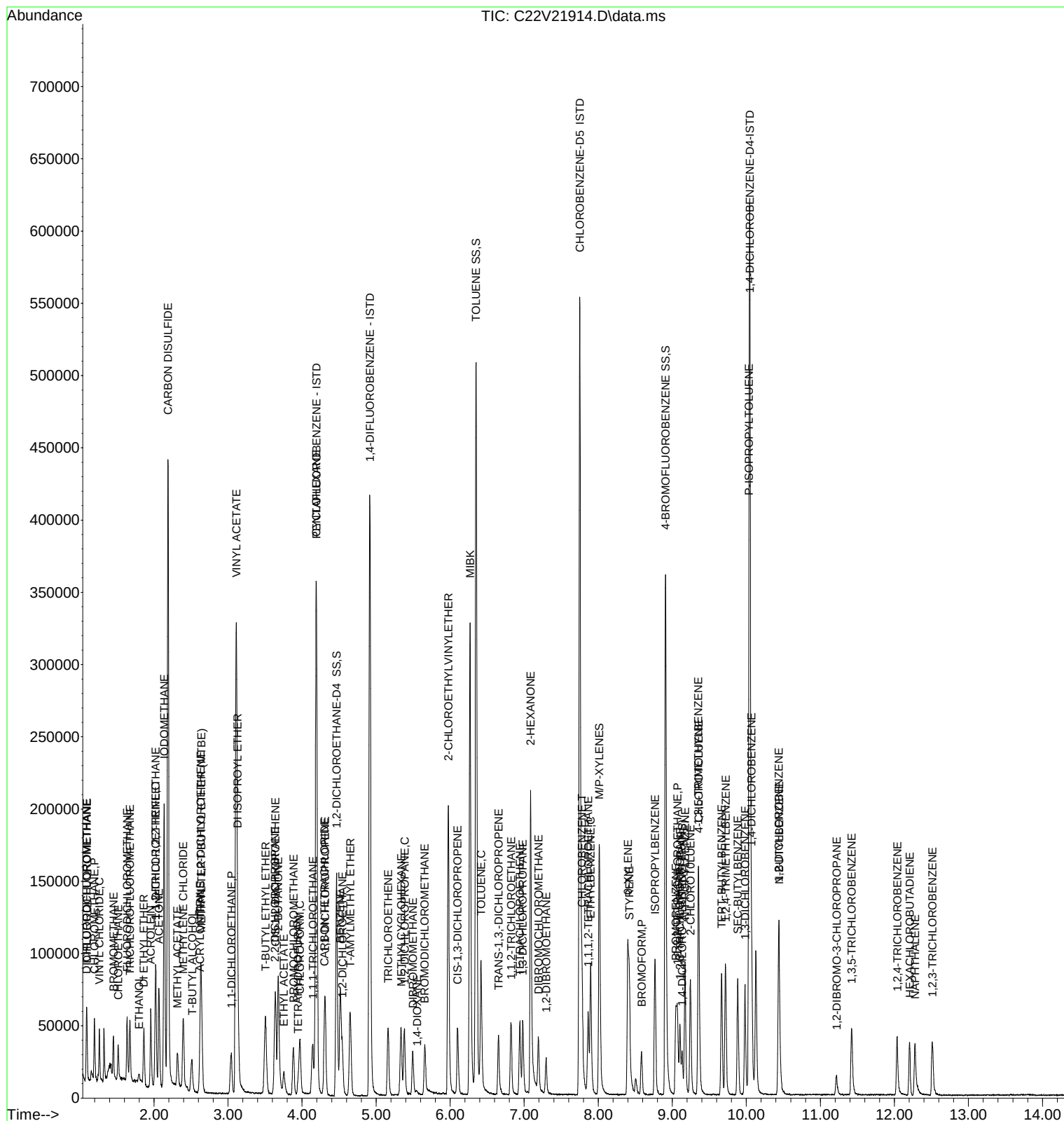
Quant Time: Aug 08 13:48:54 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) DIBROMOMETHANE	5.499	93	9766	5.15	UG/L	93
56) 1,4-DIOXANE	5.552	88	2162m	48.32	UG/L	
57) BROMODICHLOROMETHANE	5.655	83	19440	5.33	UG/L	98
58) 2-CHLOROETHYLVINYLETHER	5.975	63	73710	49.43	UG/L	91
59) MIBK	6.268	43	197206	43.88	UG/L	100
60) CIS-1,3-DICHLOROPROPENE	6.101	75	22415	4.81	UG/L	96
61) TOLUENE	6.419	91	56479	5.05	UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	6.653	75	19923	4.73	UG/L	90
64) 1,1,2-TRICHLOROETHANE	6.823	97	14020	5.32	UG/L	97
65) 2-HEXANONE	7.085	43	136490	42.28	UG/L	98
66) TETRACHLOROETHENE	6.943	166	14258	5.50	UG/L	97
67) 1,3-DICHLOROPROPANE	6.979	76	24401	4.97	UG/L	98
68) DIBROMOCHLOROMETHANE	7.194	129	16098	5.31	UG/L	99
69) 1,2-DIBROMOETHANE	7.297	107	14995	5.10	UG/L	99
72) CHLOROBENZENE	7.780	112	37610	5.30	UG/L	# 90
73) 1,1,1,2-TETRACHLOROETHANE	7.866	131	13977	5.52	UG/L	98
74) ETHYLBENZENE	7.897	91	60931	4.99	UG/L	97
75) M/P-XYLENES	8.014	91	92986	10.05	UG/L	99
76) O-XYLENE	8.402	91	50225	5.27	UG/L	96
77) STYRENE	8.418	104	39862	5.18	UG/L	93
78) BROMOFORM	8.586	173	12459	5.58	UG/L	99
79) ISOPROPYLBENZENE	8.767	105	56951	5.15	UG/L	99
81) 1,1,2,2-TETRACHLOROETHANE	9.071	83	22619	5.37	UG/L	96
82) 1,4-DICHLORO-2-BUTENE(...	9.132	53	5086	4.78	UG/L	# 79
83) BROMOBENZENE	9.049	77	23639	4.66	UG/L	98
84) 1,2,3-TRICHLOROPROPANE	9.104	75	17310	4.92	UG/L	98
85) N-PROPYLBENZENE	9.174	91	63336	4.87	UG/L	97
86) 2-CHLOROTOLUENE	9.244	91	41747	5.06	UG/L	97
87) 1,3,5-TRIMETHYLBENZENE	9.353	105	45912	4.98	UG/L	98
88) 4-CHLOROTOLUENE	9.358	91	45894	4.89	UG/L	100
90) TERT-BUTYLBENZENE	9.668	119	37225	4.94	UG/L	92
91) 1,2,4-TRIMETHYLBENZENE	9.721	105	45329	4.76	UG/L	100
92) SEC-BUTYLBENZENE	9.885	105	49121	4.62	UG/L	98
93) 1,3-DICHLOROBENZENE	9.983	146	27629	5.01	UG/L	98
94) P-ISOPROPYLTOLUENE	10.036	119	43348	4.74	UG/L	98
95) 1,4-DICHLOROBENZENE	10.069	146	30195	5.17	UG/L	# 93
97) N-BUTYLBENZENE	10.443	91	35017	4.25	UG/L	94
98) 1,2-DICHLOROBENZENE	10.437	146	29589	5.32	UG/L	99
99) 1,2-DIBROMO-3-CHLOROPR...	11.218	75	3827m	5.00	UG/L	
100) 1,3,5-TRICHLOROBENZENE	11.422	180	17501	4.61	UG/L	97
101) 1,2,4-TRICHLOROBENZENE	12.038	180	14495m	4.05	UG/L	
102) HEXACHLOROBUTADIENE	12.205	225	6885	5.05	UG/L	100
103) NAPHTHALENE	12.278	128	38473m	3.60	UG/L	
104) 1,2,3-TRICHLOROBENZENE	12.512	180	14777m	4.16	UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

249

Quant Time: Aug 08 13:48:54 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



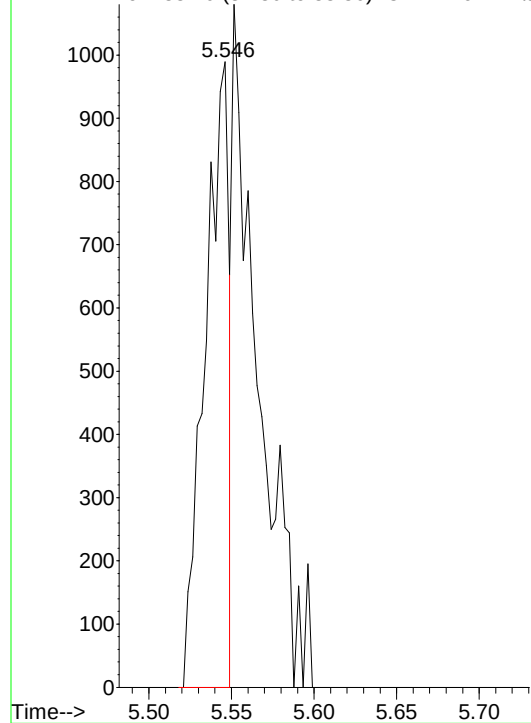
Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21914.D
Acq On : 8 Aug 2022 12:22 pm
Operator :
Sample : 8260STD 5.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 13:48:54 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

1,4-DIOXANE

Abundance on 88.10 (87.80 to 88.80): C22V21914.D



Original Int. Results

RT : 5.55
Area : 983
Amount: 21.9689

Manual Int. Results

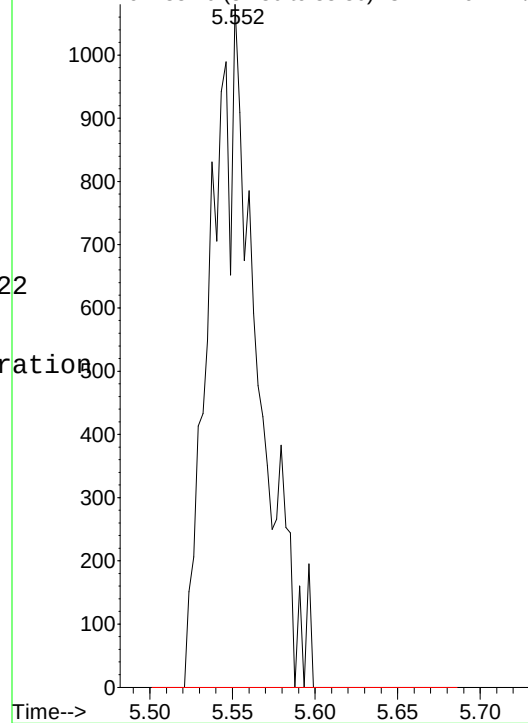
Mon Aug 08 13:48:09 2022

MIuser: EEH
Reason: Incoret Integration
RT : 5.55
Area : 2162
Amount: 48.3181

Manual Integration

1,4-DIOXANE

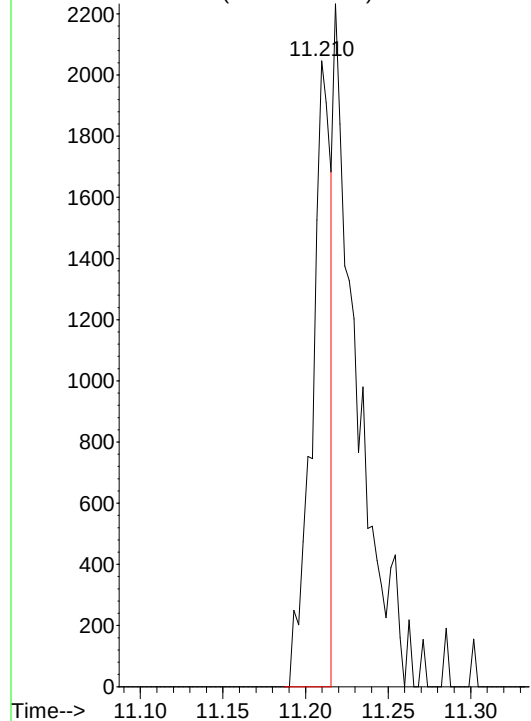
Abundance on 88.10 (87.80 to 88.80): C22V21914.D



Original Integration

1,2-DIBROMO-3-CHLOROPROPANE

Abundance on 75.00 (74.70 to 75.70): C22V21914.D



Original Int. Results

RT : 11.21
Area : 1606
Amount: 2.09844

Manual Int. Results

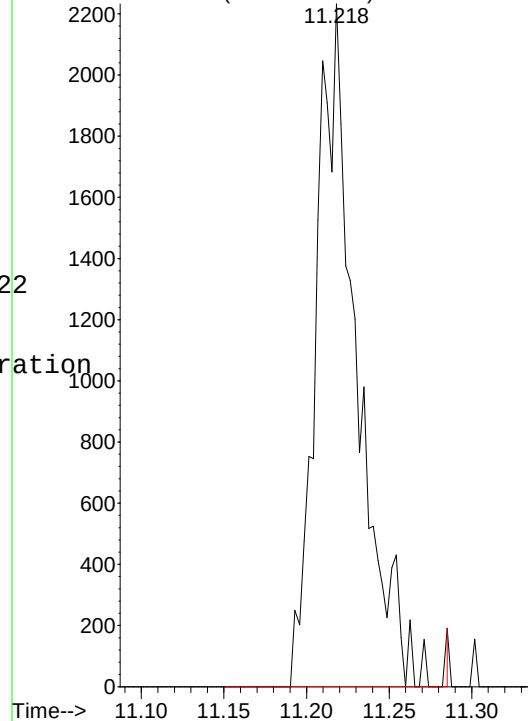
Mon Aug 08 13:48:42 2022

MIuser: EEH
Reason: Incoret Integration
RT : 11.22
Area : 3827
Amount: 5.00046

Manual Integration

1,2-DIBROMO-3-CHLOROPROPANE

Abundance on 75.00 (74.70 to 75.70): C22V21914.D

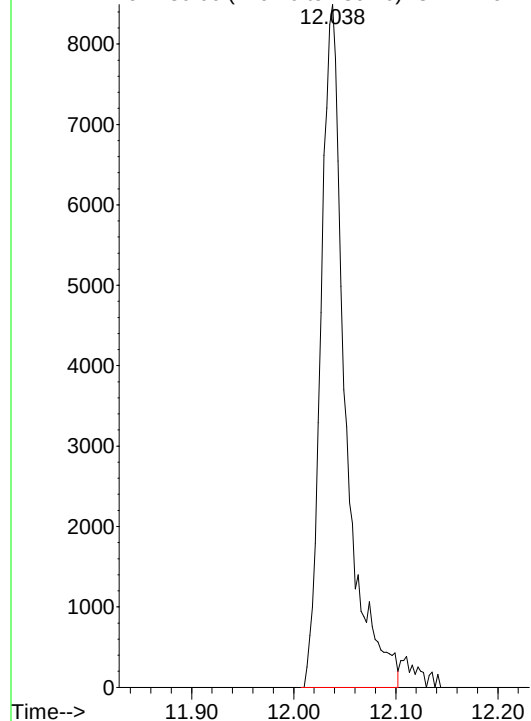


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21914.D
Acq On : 8 Aug 2022 12:22 pm
Operator :
Sample : 8260STD 5.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 13:48:54 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,4-TRICHLOROBENZENE

Abundance Ion 180.00 (179.70 to 180.70): C22V21914.D



Original Int. Results

RT : 12.04
Area : 14024
Amount: 3.92031

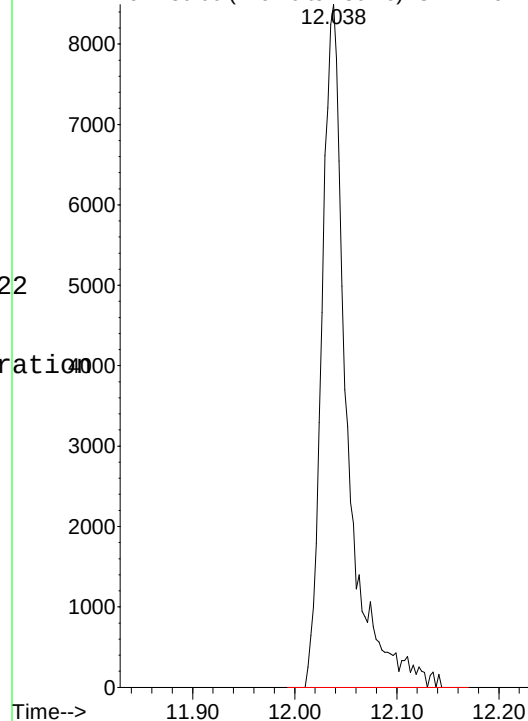
Manual Int. Results

Mon Aug 08 13:48:46 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.04
Area : 14495
Amount: 4.05197

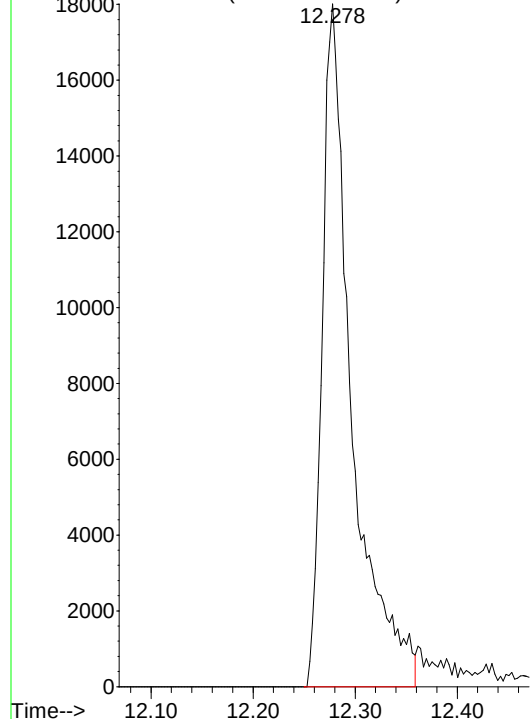
Manual Integration
1,2,4-TRICHLOROBENZENE

Abundance Ion 180.00 (179.70 to 180.70): C22V21914.D



Original Integration
NAPHTHALENE

Abundance Ion 128.00 (127.70 to 128.70): C22V21914.D



Original Int. Results

RT : 12.28
Area : 35921
Amount: 3.35917

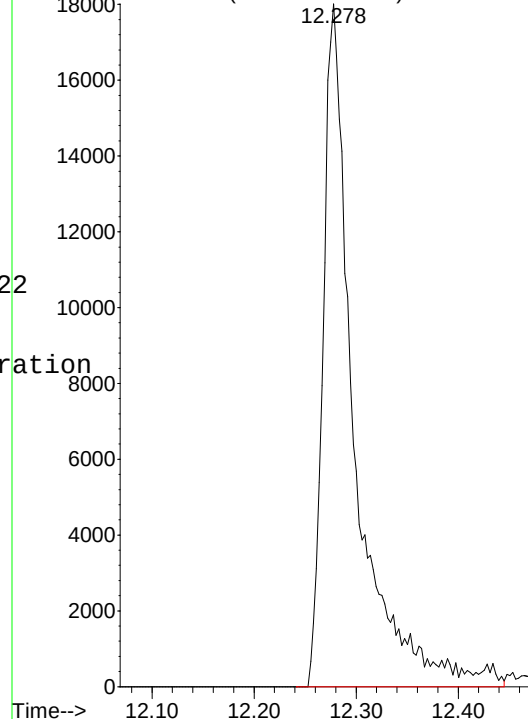
Manual Int. Results

Mon Aug 08 13:48:51 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.28
Area : 38473
Amount: 3.59782

Manual Integration
NAPHTHALENE

Abundance Ion 128.00 (127.70 to 128.70): C22V21914.D

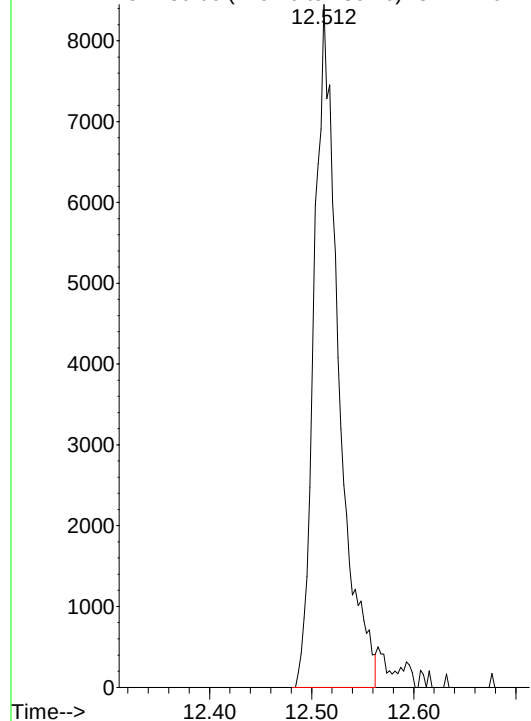


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21914.D
Acq On : 8 Aug 2022 12:22 pm
Operator :
Sample : 8260STD 5.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 13:48:54 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,3-TRICHLOROBENZENE

Abundance Ion 180.00 (179.70 to 180.70): C22V21914.D



Original Int. Results

RT : 12.51
Area : 14072
Amount: 3.96045

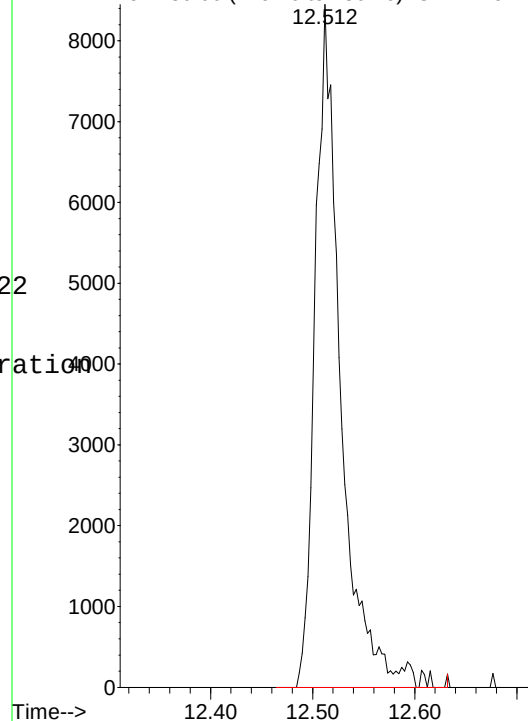
Manual Int. Results

Mon Aug 08 13:48:54 2022

MIuser: EEH
Reason: Incoret Integration
RT : 12.51
Area : 14777
Amount: 4.15886

Manual Integration
1,2,3-TRICHLOROBENZENE

Abundance Ion 180.00 (179.70 to 180.70): C22V21914.D



Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21915.D
 Acq On : 8 Aug 2022 12:46 pm
 Operator :
 Sample : 8260STD 10PPB 2206105
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 08 13:57:12 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.193	168	194546	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	287477	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	141910	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	139616	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.464	65	92464	25.27	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.08%	
49) TOLUENE SS	6.349	98	286087	24.96	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.84%	
71) 4-BROMOFLUOROBENZENE SS	8.909	95	103705	24.63	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.52%	
Target Compounds						
3) DICHLORODIFLUOROMETHANE	1.087	85	28562	9.01	UG/L	98
4) DIFLUOROCHLOROMETHANE	1.092	51	37891	9.99	UG/L	# 100
5) CHLOROMETHANE	1.196	50	41594	9.83	UG/L	# 23
6) VINYL CHLORIDE	1.263	62	34859	10.31	UG/L	96
7) BROMOMETHANE	1.449	94	18466	10.00	UG/L	97
8) CHLOROETHANE	1.514	64	24973	13.36	UG/L	97
9) FLUORODICHLOROMETHANE	1.636	67	56638	11.08	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.675	101	43670	11.60	UG/L	96
11) ETHANOL	1.801	45	6400	96.52	UG/L	# 89
12) DI ETHYL ETHER	1.865	59	25808	10.75	UG/L	96
13) ACROLEIN	1.957	56	61270	76.52	UG/L	99
14) ACETONE	2.066	43	116864	95.77	UG/L	96
15) 1,1-DICHLOROETHENE	2.024	61	43280	11.49	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.024	101	25043	12.15	UG/L	88
17) IODOMETHANE	2.138	142	341243	110.75	UG/L	98
20) METHYL ACETATE	2.317	43	44181	11.69	UG/L	96
21) T-BUTYL ALCOHOL	2.506	59	47742	101.70	UG/L	97
22) ACRYLONITRILE	2.618	53	16274	10.10	UG/L	99
23) METHYLENE CHLORIDE	2.395	49	43860	10.97	UG/L	98
24) CARBON DISULFIDE	2.188	76	868493	119.59	UG/L	99
25) METHYL TERT-BUTYL ETHE...	2.640	73	96457	11.35	UG/L	97
26) TRANS 1,2-DICHLOROETHENE	2.632	61	42551	10.91	UG/L	96
27) 1,1-DICHLOROETHANE	3.039	63	51908	9.94	UG/L	98
28) VINYL ACETATE	3.109	43	919504	91.71	UG/L	99
29) DI ISOPROYL ETHER	3.131	45	104279	9.24	UG/L	95
31) 2-BUTANONE	3.675	43	182208	83.16	UG/L	96
32) T-BUTYL ETHYL ETHER	3.505	59	94331	10.02	UG/L	99
33) CIS-1,2-DICHLOROETHENE	3.639	61	46366	10.21	UG/L	93
34) 2,2-DICHLOROPROPANE	3.636	77	39576	10.12	UG/L	93
35) ETHYL ACETATE	3.750	43	40249	9.09	UG/L	# 92
38) BROMOCHLOROMETHANE	3.884	49	27682	10.33	UG/L	98
39) TETRAHYDROFURAN	3.945	42	12775	9.76	UG/L	92
40) CHLOROFORM	3.970	83	51600	10.66	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.143	97	43338	11.21	UG/L	94
42) CYCLOHEXANE	4.191	56	43820	9.57	UG/L	94
43) CARBON TETRACHLORIDE	4.305	117	35429	10.93	UG/L	97
44) 1,1-DICHLOROPROPENE	4.311	75	36885	10.29	UG/L	95
45) BENZENE	4.517	78	110524	9.87	UG/L	97
47) T-AMYL METHYL ETHER	4.648	73	87452	10.46	UG/L	97
50) 1,2-DICHLOROETHANE	4.539	62	43168	11.03	UG/L	98
51) TRICHLOROETHENE	5.164	95	27825	11.00	UG/L	93
52) METHYLCYCLOHEXANE	5.337	83	32123	9.28	UG/L	95
53) 1,2-DICHLOROPROPANE	5.381	63	30483	10.06	UG/L	# 98

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21915.D
 Acq On : 8 Aug 2022 12:46 pm
 Operator :
 Sample : 8260STD 10PPB 2206105
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Inst : GCMSVOA3

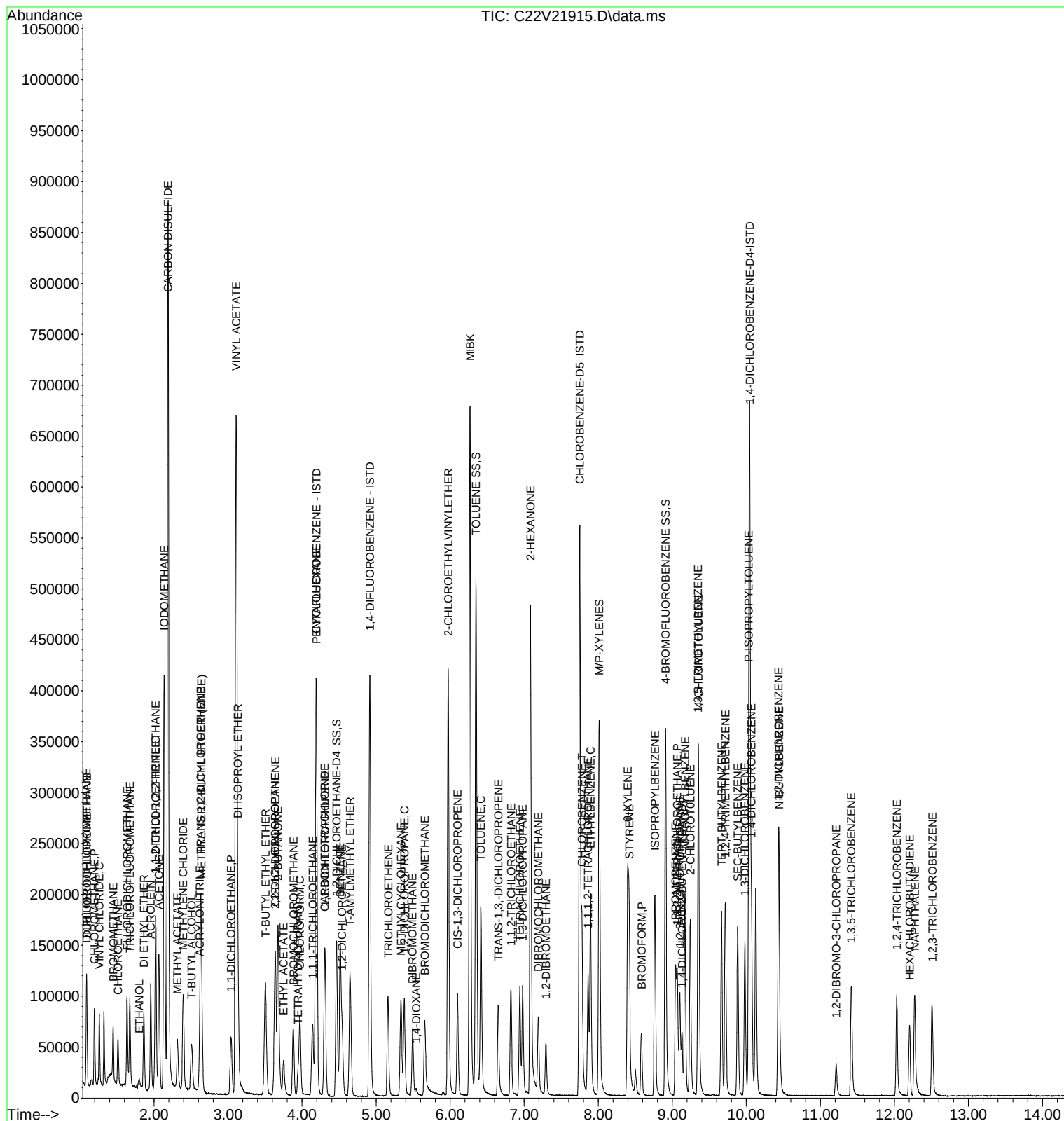
Quant Time: Aug 08 13:57:12 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) DIBROMOMETHANE	5.493	93	20571	10.94	UG/L	93
56) 1,4-DIOXANE	5.540	88	4230	95.23	UG/L #	75
57) BROMODICHLOROMETHANE	5.657	83	39854	11.00	UG/L	97
58) 2-CHLOROETHYL VINYLETHYL	5.975	63	151076	102.07	UG/L	89
59) MIBK	6.268	43	406948	91.21	UG/L	100
60) CIS-1,3-DICHLOROPROPENE	6.101	75	46895	10.15	UG/L	97
61) TOLUENE	6.416	91	116091	10.45	UG/L	98
62) TRANS-1,3-DICHLOROPRO...	6.650	75	41106	9.84	UG/L	94
64) 1,1,2-TRICHLOROETHANE	6.823	97	27847	10.65	UG/L	94
65) 2-HEXANONE	7.085	43	285391	89.06	UG/L	98
66) TETRACHLOROETHENE	6.940	166	28554	11.10	UG/L	98
67) 1,3-DICHLOROPROPANE	6.979	76	50659	10.39	UG/L	98
68) DIBROMOCHLOROMETHANE	7.188	129	33122	11.01	UG/L	99
69) 1,2-DIBROMOETHANE	7.292	107	30712	10.52	UG/L	98
72) CHLOROBENZENE	7.780	112	77992	11.15	UG/L	93
73) 1,1,1,2-TETRACHLOROETHANE	7.863	131	28567	11.44	UG/L	97
74) ETHYLBENZENE	7.897	91	127905	10.62	UG/L	95
75) M/P-XYLENES	8.014	91	195507	21.42	UG/L	97
76) O-XYLENE	8.399	91	105354	11.21	UG/L	95
77) STYRENE	8.418	104	85527	11.28	UG/L	98
78) BROMOFORM	8.586	173	25083	11.39	UG/L	100
79) ISOPROPYLBENZENE	8.767	105	119078	10.92	UG/L	97
81) 1,1,2,2-TETRACHLOROETHANE	9.068	83	45663	10.99	UG/L	96
82) 1,4-DICHLORO-2-BUTENE(...	9.132	53	10659	10.16	UG/L #	84
83) BROMOBENZENE	9.046	77	49353	9.87	UG/L	97
84) 1,2,3-TRICHLOROPROPANE	9.104	75	33249	9.58	UG/L	99
85) N-PROPYLBENZENE	9.171	91	132248	10.31	UG/L	97
86) 2-CHLOROTOLUENE	9.244	91	87309	10.73	UG/L	96
87) 1,3,5-TRIMETHYLBENZENE	9.350	105	96819	10.64	UG/L	95
88) 4-CHLOROTOLUENE	9.355	91	96583	10.43	UG/L	97
90) TERT-BUTYLBENZENE	9.665	119	76927	10.21	UG/L	95
91) 1,2,4-TRIMETHYLBENZENE	9.718	105	97091	10.20	UG/L	96
92) SEC-BUTYLBENZENE	9.885	105	105295	9.91	UG/L	97
93) 1,3-DICHLOROBENZENE	9.980	146	59048	10.71	UG/L	99
94) P-ISOPROPYLTOLUENE	10.033	119	87677	9.58	UG/L	97
95) 1,4-DICHLOROBENZENE	10.069	146	58875	10.07	UG/L #	92
97) N-BUTYLBENZENE	10.443	91	74590	9.06	UG/L	97
98) 1,2-DICHLOROBENZENE	10.434	146	59874	10.76	UG/L	98
99) 1,2-DIBROMO-3-CHLOROPR...	11.212	75	7618	9.95	UG/L	90
100) 1,3,5-TRICHLOROBENZENE	11.416	180	35449	9.33	UG/L	96
101) 1,2,4-TRICHLOROBENZENE	12.032	180	31206	8.72	UG/L	98
102) HEXACHLOROBUTADIENE	12.205	225	14173	10.40	UG/L	98
103) NAPHTHALENE	12.275	128	86722m	8.11	UG/L	
104) 1,2,3-TRICHLOROBENZENE	12.512	180	29849	8.40	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

255

Quant Time: Aug 08 13:57:12 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



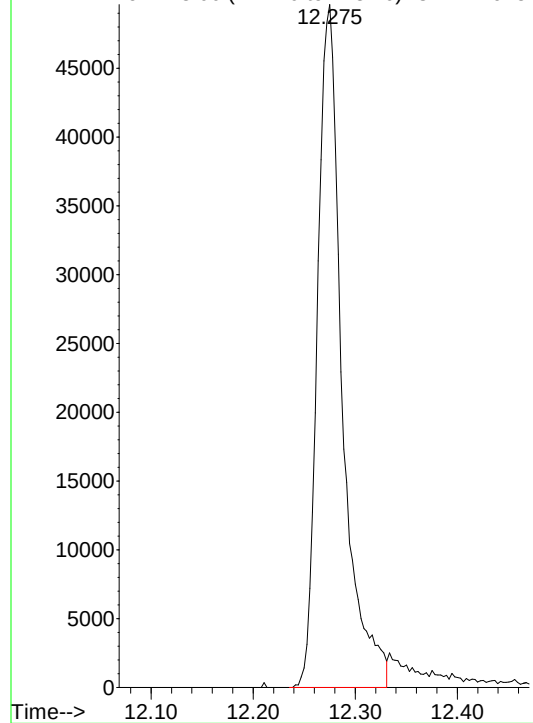
Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21915.D
Acq On : 8 Aug 2022 12:46 pm
Operator :
Sample : 8260STD 10PPB 2206105
Misc :

Quant Time : Mon Aug 08 13:57:12 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

NAPHTHALENE

Abundance on 128.00 (127.70 to 128.70): C22V21915.D



Original Int. Results

RT : 12.27
Area : 83237
Amount: 7.78165

Manual Int. Results

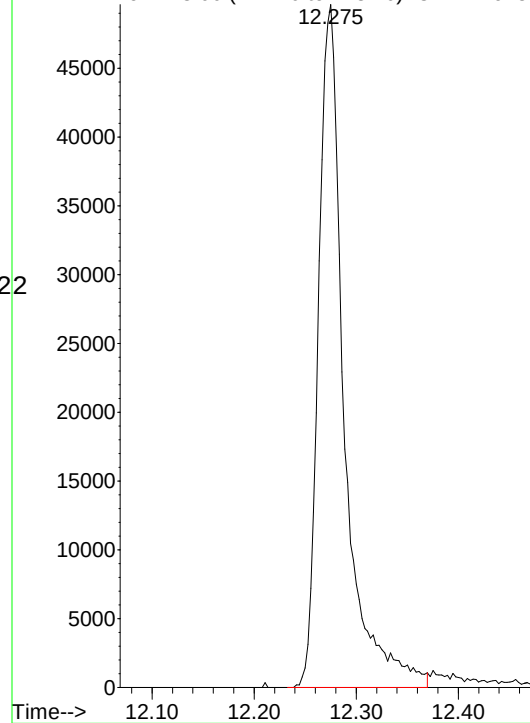
Mon Aug 08 13:57:12 2022

MIuser: EEH
Reason: Other
RT : 12.27
Area : 86722
Amount: 8.10746

Manual Integration

NAPHTHALENE

Abundance on 128.00 (127.70 to 128.70): C22V21915.D



Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21916.D
 Acq On : 8 Aug 2022 1:10 pm
 Operator :
 Sample : 8260STD 20PPB 2206105
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 08 13:58:31 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.191	168	195836	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.913	114	287993	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	143489	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.044	152	143997	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.464	65	91558	24.85	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.40%	
49) TOLUENE SS	6.349	98	287646	25.05	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.20%	
71) 4-BROMOFLUOROBENZENE SS	8.909	95	106568	25.04	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.16%	
Target Compounds						
3) DICHLORODIFLUOROMETHANE	1.087	85	61712	19.33	UG/L	Qvalue 97
4) DIFLUOROCHLOROMETHANE	1.090	51	80187	21.01	UG/L	# 100
5) CHLOROMETHANE	1.193	50	80145m	18.81	UG/L	
6) VINYL CHLORIDE	1.260	62	74108	21.77	UG/L	99
7) BROMOMETHANE	1.444	94	31294	16.84	UG/L	100
8) CHLOROETHANE	1.508	64	47814	25.42	UG/L	99
9) FLUORODICHLOROMETHANE	1.634	67	116251	22.59	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.670	101	91116	24.05	UG/L	97
11) ETHANOL	1.806	45	13423	201.11	UG/L	# 88
12) DI ETHYL ETHER	1.862	59	52801	21.85	UG/L	96
13) ACROLEIN	1.957	56	127908	158.70	UG/L	99
14) ACETONE	2.066	43	236323	192.39	UG/L	95
15) 1,1-DICHLOROETHENE	2.021	61	90527	23.88	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.016	101	52777	25.43	UG/L	86
17) IODOMETHANE	2.135	142	754312	243.19	UG/L	98
20) METHYL ACETATE	2.317	43	90747	23.85	UG/L	96
21) T-BUTYL ALCOHOL	2.512	59	97826	207.02	UG/L	# 95
22) ACRYLONITRILE	2.615	53	30366	18.73	UG/L	98
23) METHYLENE CHLORIDE	2.392	49	89226	22.17	UG/L	97
24) CARBON DISULFIDE	2.188	76	1810004	247.60	UG/L	100
25) METHYL TERT-BUTYL ETHE...	2.637	73	190841	22.31	UG/L	96
26) TRANS 1,2-DICHLOROETHENE	2.629	61	82216	20.95	UG/L	96
27) 1,1-DICHLOROETHANE	3.039	63	107655	20.49	UG/L	99
28) VINYL ACETATE	3.109	43	1903493	188.61	UG/L	99
29) DI ISOPROYL ETHER	3.125	45	217067	19.10	UG/L	96
31) 2-BUTANONE	3.675	43	377890	171.34	UG/L	97
32) T-BUTYL ETHYL ETHER	3.502	59	192968	20.37	UG/L	99
33) CIS-1,2-DICHLOROETHENE	3.639	61	95923	20.98	UG/L	92
34) 2,2-DICHLOROPROPANE	3.630	77	80827	20.53	UG/L	90
35) ETHYL ACETATE	3.747	43	79977	17.95	UG/L	99
38) BROMOCHLOROMETHANE	3.881	49	56866	21.09	UG/L	99
39) TETRAHYDROFURAN	3.940	42	24950	18.94	UG/L	# 89
40) CHLOROFORM	3.968	83	105207	21.60	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.140	97	88067	22.62	UG/L	97
42) CYCLOHEXANE	4.188	56	89795	19.48	UG/L	96
43) CARBON TETRACHLORIDE	4.305	117	74338	22.79	UG/L	97
44) 1,1-DICHLOROPROPENE	4.308	75	77219	21.40	UG/L	94
45) BENZENE	4.514	78	228669	20.30	UG/L	99
47) T-AMYL METHYL ETHER	4.648	73	185177	22.00	UG/L	95
50) 1,2-DICHLOROETHANE	4.539	62	88085	22.46	UG/L	98
51) TRICHLOROETHENE	5.158	95	57026	22.50	UG/L	94
52) METHYLCYCLOHEXANE	5.334	83	69608	20.07	UG/L	94
53) 1,2-DICHLOROPROPANE	5.379	63	61299	20.19	UG/L	98

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21916.D
 Acq On : 8 Aug 2022 1:10 pm
 Operator :
 Sample : 8260STD 20PPB 2206105
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 08 13:58:31 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

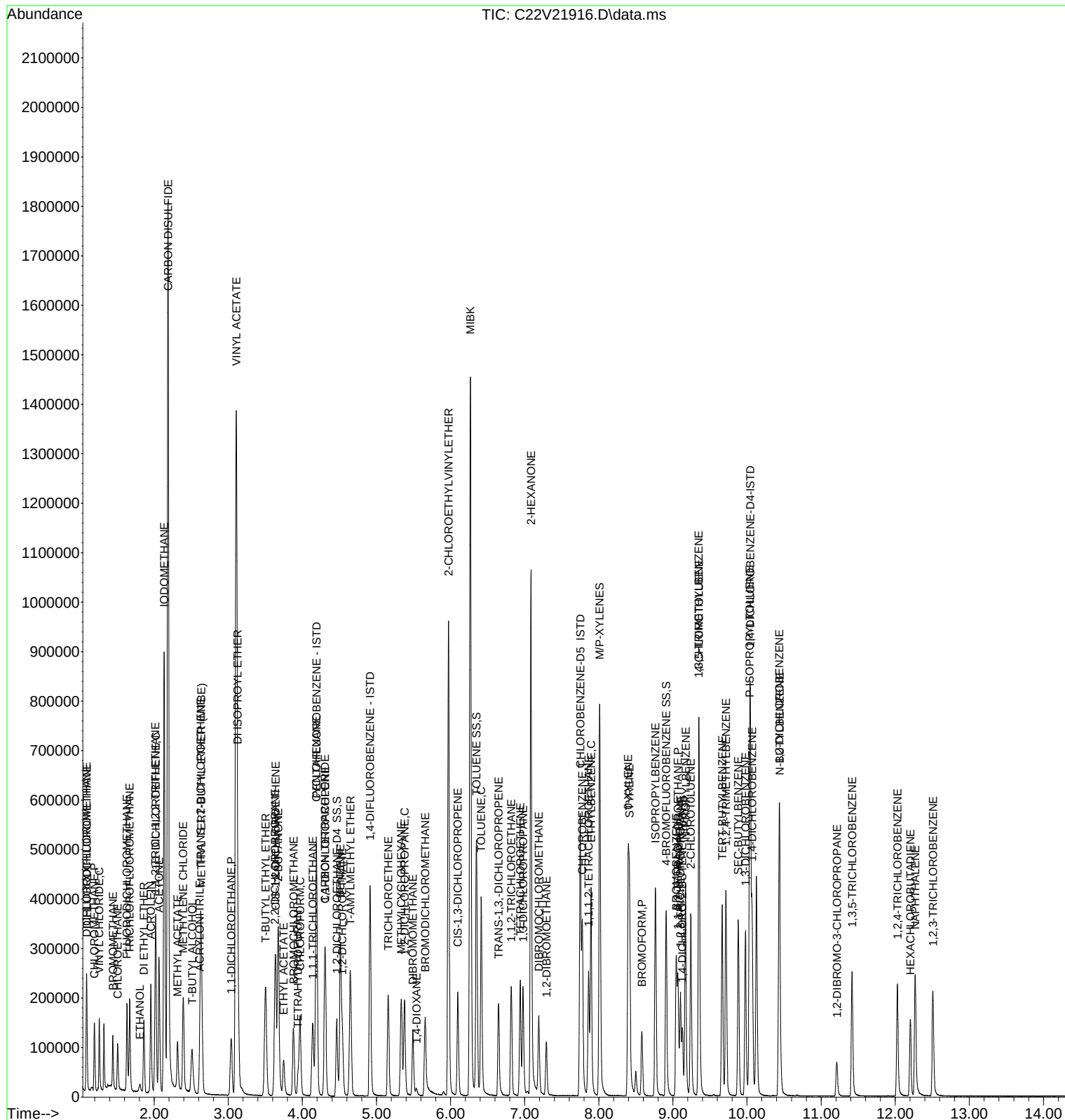
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) DIBROMOMETHANE	5.490	93	41749	22.16	UG/L	94
56) 1,4-DIOXANE	5.540	88	9614	216.06	UG/L #	82
57) BROMODICHLOROMETHANE	5.657	83	82091	22.62	UG/L	97
58) 2-CHLOROETHYLVINYLETHER	5.973	63	332617	224.32	UG/L	90
59) MIBK	6.265	43	856013	191.52	UG/L	99
60) CIS-1,3-DICHLOROPROPENE	6.098	75	97267	21.01	UG/L	95
61) TOLUENE	6.413	91	242651	21.80	UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	6.647	75	85947	20.53	UG/L	94
64) 1,1,2-TRICHLOROETHANE	6.818	97	57873	22.09	UG/L	95
65) 2-HEXANONE	7.085	43	605554	188.63	UG/L	98
66) TETRACHLOROETHENE	6.940	166	58783	22.81	UG/L	98
67) 1,3-DICHLOROPROPANE	6.977	76	104223	21.34	UG/L	100
68) DIBROMOCHLOROMETHANE	7.191	129	68797	22.83	UG/L	98
69) 1,2-DIBROMOETHANE	7.292	107	64672	22.11	UG/L	99
72) CHLOROBENZENE	7.777	112	161032	22.77	UG/L	94
73) 1,1,1,2-TETRACHLOROETHANE	7.863	131	60574	23.98	UG/L	98
74) ETHYLBENZENE	7.894	91	264146	21.69	UG/L	96
75) M/P-XYLENES	8.011	91	408236	44.24	UG/L	98
76) O-XYLENE	8.396	91	218376	22.97	UG/L	96
77) STYRENE	8.413	104	178714	23.30	UG/L	97
78) BROMOFORM	8.580	173	54064	24.28	UG/L	99
79) ISOPROPYLBENZENE	8.764	105	247208	22.41	UG/L	97
81) 1,1,2,2-TETRACHLOROETHANE	9.068	83	95789	22.81	UG/L	96
82) 1,4-DICHLORO-2-BUTENE(...	9.127	53	22857m	21.55	UG/L	
83) BROMOBENZENE	9.046	77	105392	20.85	UG/L	96
84) 1,2,3-TRICHLOROPROPANE	9.101	75	71178	20.29	UG/L	100
85) N-PROPYLBENZENE	9.171	91	279616	21.57	UG/L	98
86) 2-CHLOROTOLUENE	9.241	91	179667	21.83	UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	9.350	105	200925	21.84	UG/L	98
88) 4-CHLOROTOLUENE	9.352	91	207622	22.17	UG/L	98
90) TERT-BUTYLBENZENE	9.665	119	165628	21.32	UG/L	96
91) 1,2,4-TRIMETHYLBENZENE	9.715	105	200714	20.45	UG/L	98
92) SEC-BUTYLBENZENE	9.882	105	222301	20.28	UG/L	96
93) 1,3-DICHLOROBENZENE	9.980	146	124228	21.84	UG/L	99
94) P-ISOPROPYLTOLUENE	10.036	119	189553	20.08	UG/L	99
95) 1,4-DICHLOROBENZENE	10.069	146	128569	21.32	UG/L	97
97) N-BUTYLBENZENE	10.440	91	164886	19.41	UG/L	95
98) 1,2-DICHLOROBENZENE	10.434	146	127390	22.20	UG/L	99
99) 1,2-DIBROMO-3-CHLOROPR...	11.212	75	16396	20.77	UG/L	92
100) 1,3,5-TRICHLOROBENZENE	11.419	180	77936	19.89	UG/L	99
101) 1,2,4-TRICHLOROBENZENE	12.030	180	68945	18.68	UG/L	99
102) HEXACHLOROBUTADIENE	12.202	225	30170	21.47	UG/L	95
103) NAPHTHALENE	12.269	128	197905	17.94	UG/L	99
104) 1,2,3-TRICHLOROBENZENE	12.509	180	66701	18.20	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Inst : GCMSV0A3

Quant Time: Aug 08 13:58:31 2022

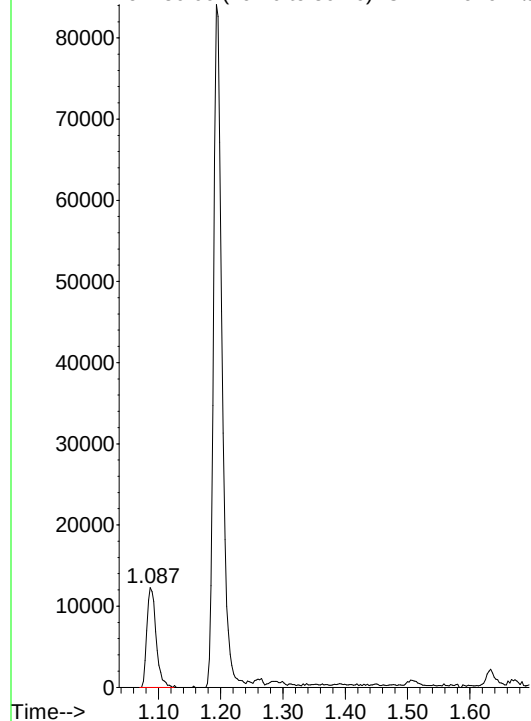


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21916.D
Acq On : 8 Aug 2022 1:10 pm
Operator :
Sample : 8260STD 20PPB 2206105
Misc :

Quant Time : Mon Aug 08 13:58:31 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
CHLOROMETHANE

Abundance on 50.00 (49.70 to 50.70): C22V21916.D



Original Int. Results

RT : 1.09
Area : 12609
Amount: 2.96009

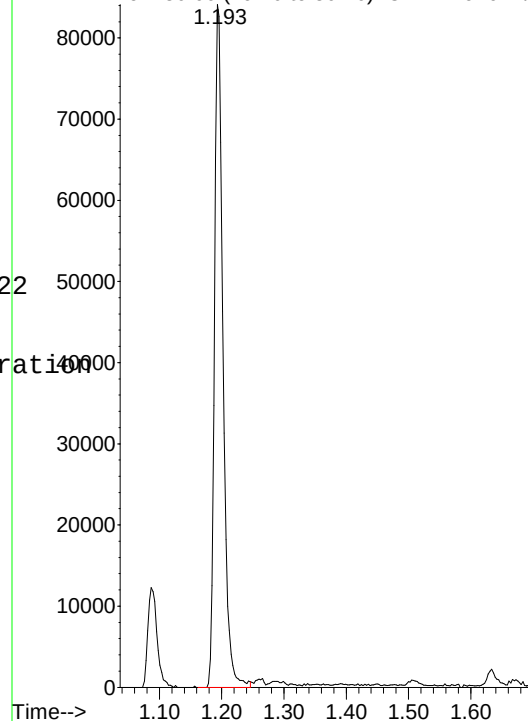
Manual Int. Results

Mon Aug 08 13:57:39 2022

MIuser: EEH
Reason: Incoret Integration
RT : 1.19
Area : 80145
Amount: 18.8148

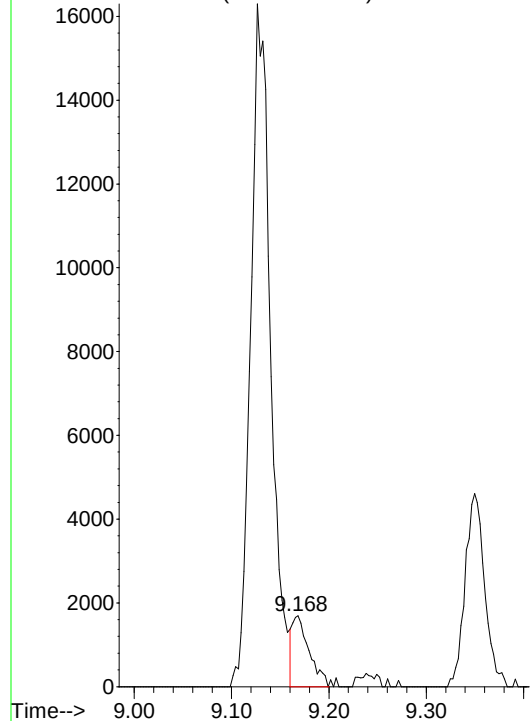
Manual Integration
CHLOROMETHANE

Abundance on 50.00 (49.70 to 50.70): C22V21916.D



Original Integration
1,4-DICHLORO-2-BUTENE (TRANS)

Abundance on 53.00 (52.70 to 53.70): C22V21916.D



Original Int. Results

RT : 9.17
Area : 2015
Amount: 1.89949

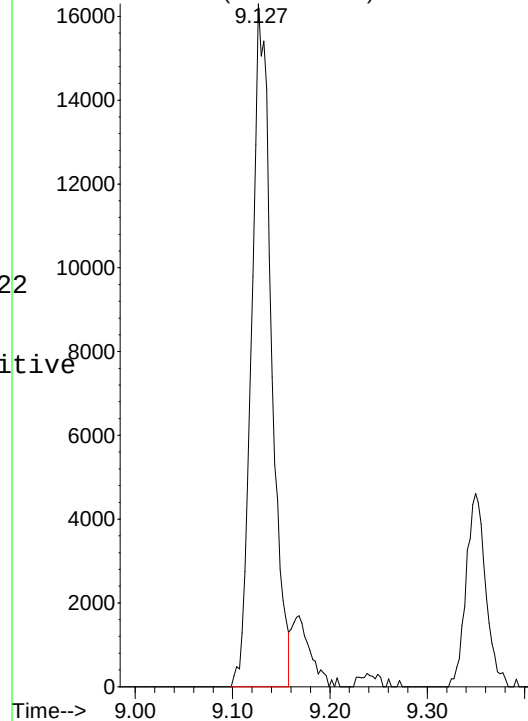
Manual Int. Results

Mon Aug 08 13:58:31 2022

MIuser: EEH
Reason: Qdel False Positive
RT : 9.13
Area : 22857
Amount: 21.5468

Manual Integration
1,4-DICHLORO-2-BUTENE (TRANS)

Abundance on 53.00 (52.70 to 53.70): C22V21916.D



Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21917.D
 Acq On : 8 Aug 2022 1:34 pm
 Operator :
 Sample : 8260STD 50PPB 2206105
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 08 13:59:14 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.194	168	201796	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.913	114	294674	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	144633	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	147961	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	92898	24.47	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.88%	
49) TOLUENE SS	6.349	98	292550	24.90	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.60%	
71) 4-BROMOFLUOROBENZENE SS	8.906	95	107794	25.12	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.48%	
Target Compounds						
3) DICHLORODIFLUOROMETHANE	1.087	85	158748	48.26	UG/L	98
4) DIFLUOROCHLOROMETHANE	1.093	51	204705	52.06	UG/L	# 100
5) CHLOROMETHANE	1.196	50	196280m	44.72	UG/L	
6) VINYL CHLORIDE	1.263	62	188629	53.77	UG/L	98
7) BROMOMETHANE	1.447	94	118366	61.81	UG/L	98
8) CHLOROETHANE	1.514	64	120246	62.04	UG/L	97
9) FLUORODICHLOROMETHANE	1.636	67	293433	55.33	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.675	101	231180	59.21	UG/L	97
12) DI ETHYL ETHER	1.862	59	134514	54.01	UG/L	97
13) ACROLEIN	1.957	56	321982	387.70	UG/L	99
14) ACETONE	2.066	43	601292	475.06	UG/L	95
15) 1,1-DICHLOROETHENE	2.024	61	231407	59.25	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.021	101	134597	62.93	UG/L	87
17) IODOMETHANE	2.138	142	2081642	651.30	UG/L	98
20) METHYL ACETATE	2.317	43	225054	57.41	UG/L	97
21) T-BUTYL ALCOHOL	2.504	59	255906	525.56	UG/L	# 94
22) ACRYLONITRILE	2.618	53	83067	49.71	UG/L	97
23) METHYLENE CHLORIDE	2.395	49	222123	53.57	UG/L	96
24) CARBON DISULFIDE	2.191	76	4616921	612.91	UG/L	100
25) METHYL TERT-BUTYL ETHE...	2.637	73	516462	58.59	UG/L	97
26) TRANS 1,2-DICHLOROETHENE	2.632	61	222296	54.96	UG/L	95
27) 1,1-DICHLOROETHANE	3.042	63	280215	51.75	UG/L	99
28) VINYL ACETATE	3.109	43	4991159	479.95	UG/L	98
29) DI ISOPROYL ETHER	3.125	45	565400	48.27	UG/L	96
31) 2-BUTANONE	3.672	43	1005897	442.62	UG/L	96
32) T-BUTYL ETHYL ETHER	3.505	59	505980	51.83	UG/L	99
33) CIS-1,2-DICHLOROETHENE	3.639	61	250728	53.22	UG/L	92
34) 2,2-DICHLOROPROPANE	3.636	77	226185	55.76	UG/L	90
35) ETHYL ACETATE	3.745	43	215889	47.02	UG/L	99
38) BROMOCHLOROMETHANE	3.878	49	138430	49.82	UG/L	98
39) TETRAHYDROFURAN	3.940	42	67250	49.56	UG/L	90
40) CHLOROFORM	3.970	83	273189	54.42	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.141	97	228007	56.85	UG/L	96
42) CYCLOHEXANE	4.191	56	224239	47.22	UG/L	94
43) CARBON TETRACHLORIDE	4.305	117	196248	58.38	UG/L	97
44) 1,1-DICHLOROPROPENE	4.308	75	198650	53.43	UG/L	96
45) BENZENE	4.514	78	587237	50.58	UG/L	99
47) T-AMYL METHYL ETHER	4.648	73	485004	55.92	UG/L	96
50) 1,2-DICHLOROETHANE	4.539	62	228936	57.04	UG/L	97
51) TRICHLOROETHENE	5.156	95	150056	57.86	UG/L	92
52) METHYLCYCLOHEXANE	5.334	83	182308	51.38	UG/L	94
53) 1,2-DICHLOROPROPANE	5.379	63	164363	52.91	UG/L	98
54) DIBROMOMETHANE	5.490	93	109278	56.69	UG/L	93

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21917.D
 Acq On : 8 Aug 2022 1:34 pm
 Operator :
 Sample : 8260STD 50PPB 2206105
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Inst : GCMSVOA3

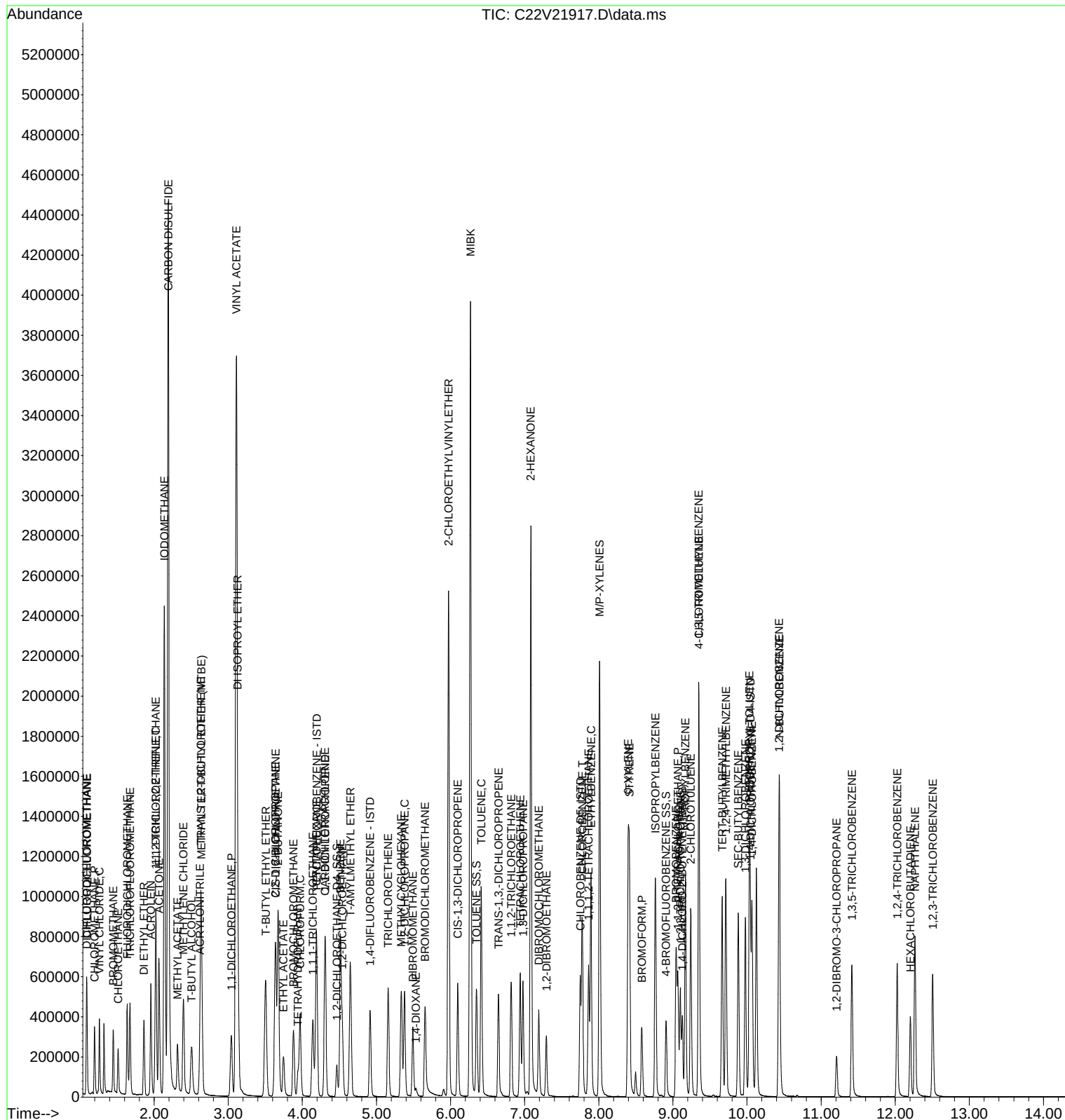
Quant Time: Aug 08 13:59:14 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 1,4-DIOXANE	5.532	88	24518	538.52	UG/L	# 71
57) BROMODICHLOROMETHANE	5.655	83	215959	58.15	UG/L	97
58) 2-CHLOROETHYL VINYLETHANOL	5.973	63	896251	590.74	UG/L	89
59) MIBK	6.268	43	2256646	493.43	UG/L	99
60) CIS-1,3-DICHLOROPROPENE	6.098	75	261752	55.25	UG/L	95
61) TOLUENE	6.416	91	632875	55.57	UG/L	98
62) TRANS-1,3-DICHLOROPROPENE	6.648	75	228959	53.46	UG/L	93
64) 1,1,2-TRICHLOROETHANE	6.818	97	152183	56.76	UG/L	96
65) 2-HEXANONE	7.083	43	1607232	489.30	UG/L	98
66) TETRACHLOROETHENE	6.940	166	155188	58.86	UG/L	97
67) 1,3-DICHLOROPROPANE	6.977	76	274115	54.85	UG/L	99
68) DIBROMOCHLOROMETHANE	7.191	129	181581	58.88	UG/L	98
69) 1,2-DIBROMOETHANE	7.292	107	167881	56.10	UG/L	99
72) CHLOROBENZENE	7.777	112	417454	58.55	UG/L	96
73) 1,1,1,2-TETRACHLOROETHANE	7.863	131	156763	61.58	UG/L	99
74) ETHYLBENZENE	7.894	91	687823	56.04	UG/L	96
75) M/P-XYLENES	8.011	91	1084210	116.57	UG/L	97
76) O-XYLENE	8.396	91	565944	59.06	UG/L	97
77) STYRENE	8.413	104	467735	60.50	UG/L	96
78) BROMOFORM	8.580	173	142547	63.52	UG/L	98
79) ISOPROPYLBENZENE	8.764	105	645593	58.07	UG/L	98
81) 1,1,2,2-TETRACHLOROETHANE	9.068	83	249642	58.98	UG/L	96
82) 1,4-DICHLORO-2-BUTENE	9.127	53	64424	60.25	UG/L	# 81
83) BROMOBENZENE	9.043	77	272129	53.40	UG/L	96
84) 1,2,3-TRICHLOROPROPANE	9.102	75	190507	53.87	UG/L	97
85) N-PROPYLBENZENE	9.168	91	733572	56.13	UG/L	98
86) 2-CHLOROTOLUENE	9.241	91	465886	56.17	UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	9.350	105	529200	57.08	UG/L	97
88) 4-CHLOROTOLUENE	9.352	91	539056	57.10	UG/L	98
90) TERT-BUTYLBENZENE	9.665	119	423598	53.06	UG/L	95
91) 1,2,4-TRIMETHYLBENZENE	9.715	105	528648	52.42	UG/L	98
92) SEC-BUTYLBENZENE	9.882	105	574310	50.98	UG/L	97
93) 1,3-DICHLOROBENZENE	9.977	146	325798	55.74	UG/L	99
94) P-ISOPROPYLTOLUENE	10.033	119	496013	51.13	UG/L	99
95) 1,4-DICHLOROBENZENE	10.066	146	333618	53.84	UG/L	97
97) N-BUTYLBENZENE	10.437	91	438567	50.25	UG/L	95
98) 1,2-DICHLOROBENZENE	10.432	146	330923	56.13	UG/L	98
99) 1,2-DIBROMO-3-CHLOROPROPANE	11.207	75	43996	54.23	UG/L	92
100) 1,3,5-TRICHLOROBENZENE	11.416	180	206206	51.22	UG/L	98
101) 1,2,4-TRICHLOROBENZENE	12.027	180	193674	51.07	UG/L	100
102) HEXACHLOROBUTADIENE	12.202	225	76127	52.71	UG/L	97
103) NAPHTHALENE	12.267	128	583579	51.48	UG/L	99
104) 1,2,3-TRICHLOROBENZENE	12.506	180	190522	50.58	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 08 13:59:14 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

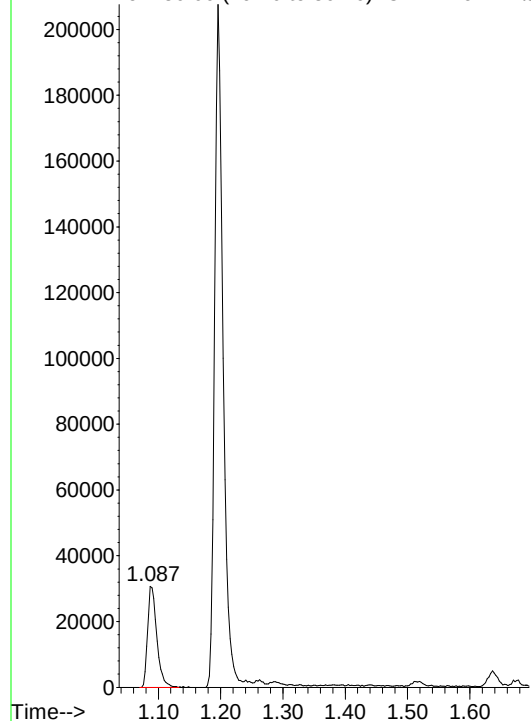


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21917.D
Acq On : 8 Aug 2022 1:34 pm
Operator :
Sample : 8260STD 50PPB 2206105
Misc :

Quant Time : Mon Aug 08 13:59:14 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
CHLOROMETHANE

Abundance Ion 50.00 (49.70 to 50.70): C22V21917.D



Original Int. Results

RT : 1.09
Area : 31509
Amount: 7.17858

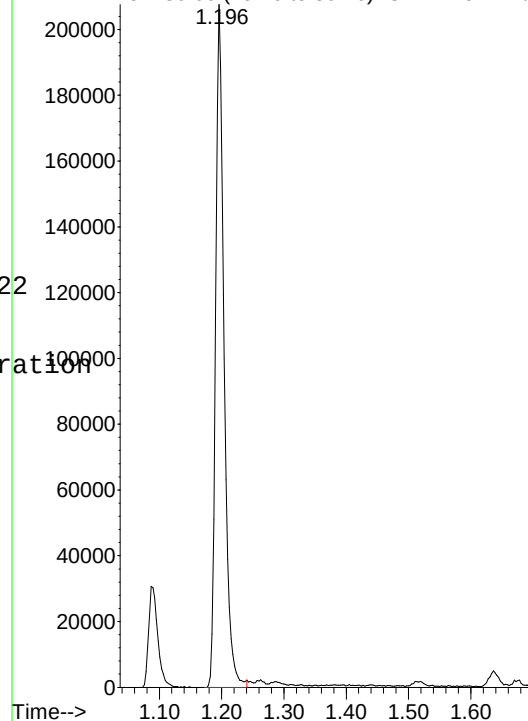
Manual Int. Results

Mon Aug 08 13:59:05 2022

MIuser: EEH
Reason: Incoret Integration
RT : 1.20
Area : 196280
Amount: 44.7178

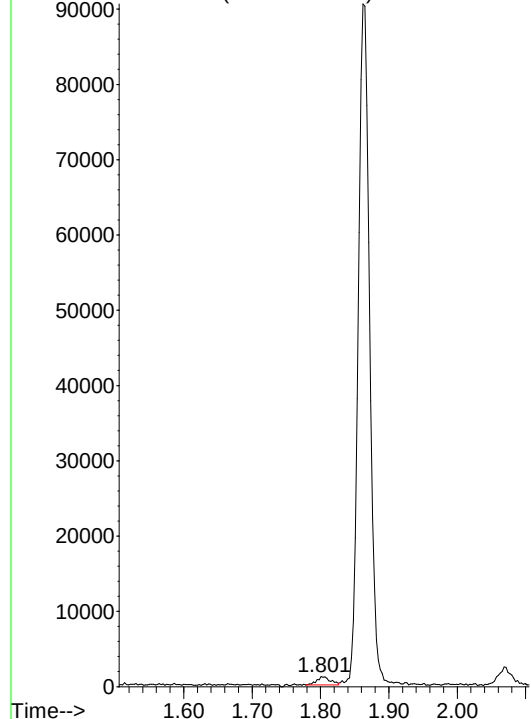
Manual Integration
CHLOROMETHANE

Abundance Ion 50.00 (49.70 to 50.70): C22V21917.D



Original Integration
ETHANOL

Abundance Ion 45.00 (44.70 to 45.70): C22V21917.D



Original Int. Results

RT : 1.80
Area : 1575
Amount: 22.9002

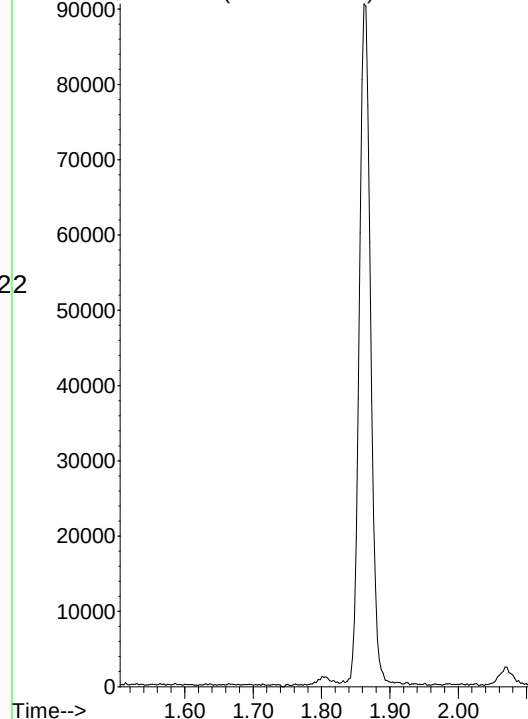
Manual Int. Results

Mon Aug 08 13:59:13 2022

MIuser: EEH
Reason: Split Peak
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL

Abundance Ion 45.00 (44.70 to 45.70): C22V21917.D



Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21918.D
 Acq On : 8 Aug 2022 1:59 pm
 Operator :
 Sample : 8260STD 100PPB 2206105
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 09 06:41:46 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.194	168	207525	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.913	114	305879	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	150654	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.044	152	157880m	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.464	65	95017	24.34	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.36%	
49) TOLUENE SS	6.352	98	300659	24.65	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.60%	
71) 4-BROMOFLUOROBENZENE SS	8.909	95	113179	25.32	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.28%	
Target Compounds						
3) DICHLORODIFLUOROMETHANE	1.087	85	319640	94.48	UG/L	98
4) DIFLUOROCHLOROMETHANE	1.090	51	412969	102.12	UG/L	# 100
5) CHLOROMETHANE	1.196	50	411266m	91.11	UG/L	
6) VINYL CHLORIDE	1.260	62	380257	105.39	UG/L	98
7) BROMOMETHANE	1.444	94	212024	107.65	UG/L	99
8) CHLOROETHANE	1.508	64	235369	118.08	UG/L	98
9) FLUORODICHLOROMETHANE	1.634	67	590184	108.21	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.673	101	462906	115.28	UG/L	97
12) DI ETHYL ETHER	1.862	59	271752	106.11	UG/L	96
13) ACROLEIN	1.957	56	698876	818.29	UG/L	100
14) ACETONE	2.066	43	1216737	934.77	UG/L	95
15) 1,1-DICHLOROETHENE	2.021	61	461747	114.96	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.019	101	273677	124.43	UG/L	87
17) IODOMETHANE	2.136	142	4465385	1358.55	UG/L	99
20) METHYL ACETATE	2.317	43	452746	112.30	UG/L	96
21) T-BUTYL ALCOHOL	2.512	59	527627	1053.68	UG/L	# 92
22) ACRYLONITRILE	2.618	53	173336	100.87	UG/L	99
23) METHYLENE CHLORIDE	2.395	49	446658	104.75	UG/L	96
24) CARBON DISULFIDE	2.189	76	9391706	1212.37	UG/L	100
25) METHYL TERT-BUTYL ETHE...	2.638	73	1035453	114.22	UG/L	96
26) TRANS 1,2-DICHLOROETHENE	2.629	61	448363	107.79	UG/L	96
27) 1,1-DICHLOROETHANE	3.042	63	565481	101.54	UG/L	99
28) VINYL ACETATE	3.112	43	10196995	953.47	UG/L	98
29) DI ISOPROYL ETHER	3.128	45	1158349	96.17	UG/L	96
31) 2-BUTANONE	3.675	43	2057571	880.39	UG/L	96
32) T-BUTYL ETHYL ETHER	3.505	59	1038088	103.40	UG/L	99
33) CIS-1,2-DICHLOROETHENE	3.639	61	514280	106.15	UG/L	93
34) 2,2-DICHLOROPROPANE	3.633	77	451799	108.30	UG/L	90
35) ETHYL ACETATE	3.745	43	454972	96.36	UG/L	98
38) BROMOCHLOROMETHANE	3.879	49	252896	88.50	UG/L	99
39) TETRAHYDROFURAN	3.937	42	138376	99.15	UG/L	91
40) CHLOROFORM	3.971	83	555938	107.70	UG/L	96
41) 1,1,1-TRICHLOROETHANE	4.141	97	466269	113.04	UG/L	97
42) CYCLOHEXANE	4.188	56	455193	93.21	UG/L	93
43) CARBON TETRACHLORIDE	4.305	117	401942	116.28	UG/L	97
44) 1,1-DICHLOROPROPENE	4.308	75	410178	107.27	UG/L	96
45) BENZENE	4.514	78	1203747	100.82	UG/L	99
47) T-AMYL METHYL ETHER	4.648	73	999362	112.04	UG/L	95
50) 1,2-DICHLOROETHANE	4.540	62	466780	112.05	UG/L	98
51) TRICHLOROETHENE	5.156	95	305614	113.53	UG/L	93
52) METHYLCYCLOHEXANE	5.334	83	372434	101.13	UG/L	94
53) 1,2-DICHLOROPROPANE	5.379	63	333400	103.40	UG/L	99
54) DIBROMOMETHANE	5.490	93	224105	112.00	UG/L	94

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21918.D
 Acq On : 8 Aug 2022 1:59 pm
 Operator :
 Sample : 8260STD 100PPB 2206105
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Inst : GCMSVOA3

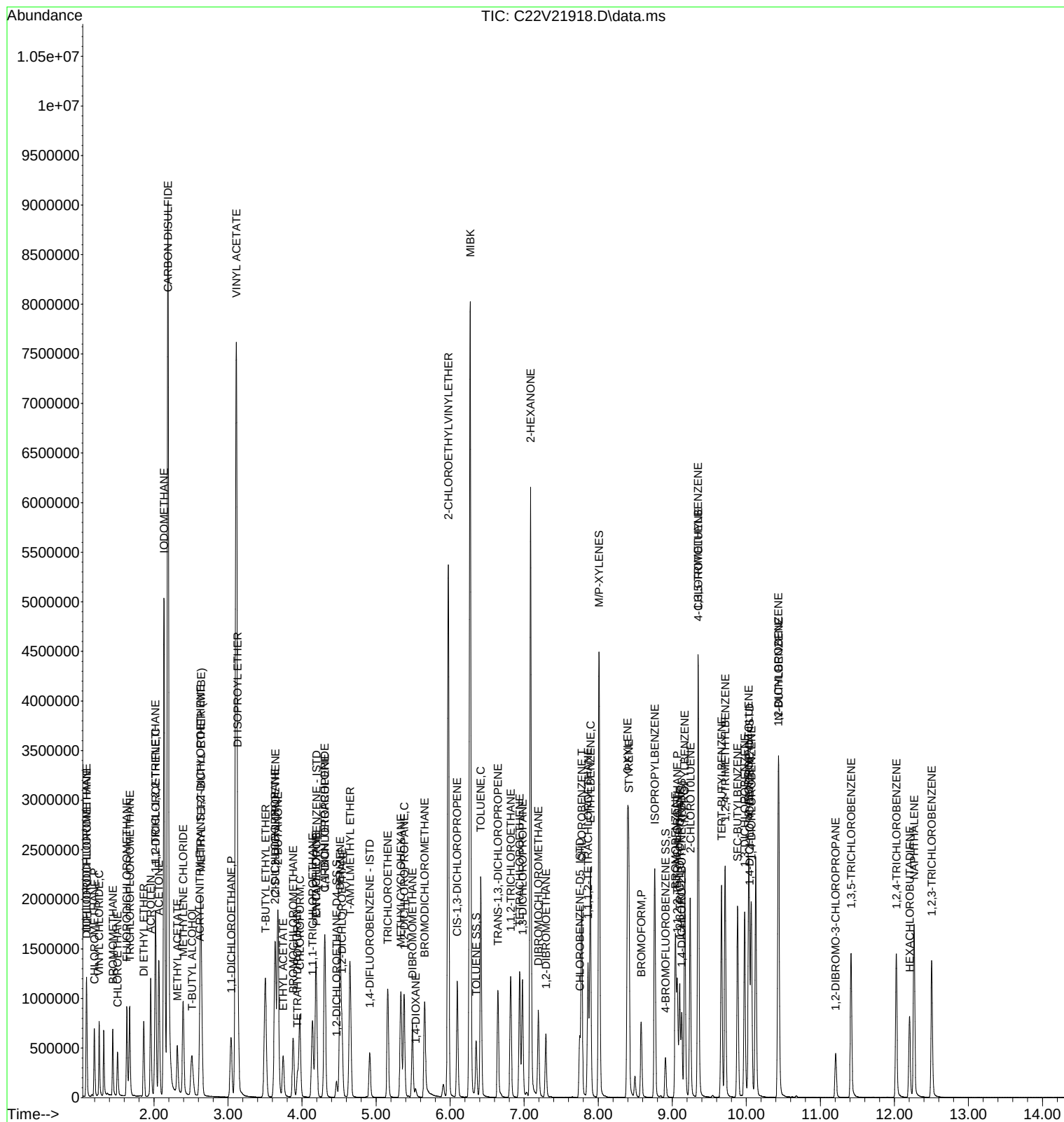
Quant Time: Aug 09 06:41:46 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 1,4-DIOXANE	5.535	88	50642	1071.56	UG/L	# 68
57) BROMODICHLOROMETHANE	5.655	83	446288	115.77	UG/L	98
58) 2-CHLOROETHYL VINYLETHYR	5.976	63	1892822	1201.90	UG/L	89
59) MIBK	6.271	43	4688471	987.62	UG/L	98
60) CIS-1,3-DICHLOROPROPENE	6.096	75	538317	109.47	UG/L	97
61) TOLUENE	6.413	91	1296415	109.67	UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	6.645	75	478929	107.74	UG/L	94
64) 1,1,2-TRICHLOROETHANE	6.818	97	315950	113.53	UG/L	96
65) 2-HEXANONE	7.086	43	3381066	991.62	UG/L	98
66) TETRACHLOROETHENE	6.938	166	322443	117.82	UG/L	97
67) 1,3-DICHLOROPROPANE	6.977	76	565125	108.94	UG/L	100
68) DIBROMOCHLOROMETHANE	7.191	129	382189	119.39	UG/L	98
69) 1,2-DIBROMOETHANE	7.292	107	352171	113.37	UG/L	99
72) CHLOROBENZENE	7.777	112	867710	116.84	UG/L	96
73) 1,1,1,2-TETRACHLOROETHANE	7.861	131	327706	123.59	UG/L	99
74) ETHYLBENZENE	7.894	91	1431054	111.93	UG/L	96
75) M/P-XYLENES	8.011	91	2238870	231.10	UG/L	98
76) O-XYLENE	8.396	91	1174808	117.70	UG/L	97
77) STYRENE	8.413	104	980137	121.72	UG/L	95
78) BROMOFORM	8.580	173	309614	132.45	UG/L	99
79) ISOPROPYLBENZENE	8.764	105	1337232	115.48	UG/L	98
81) 1,1,2,2-TETRACHLOROETHANE	9.068	83	520684	118.09	UG/L	96
82) 1,4-DICHLORO-2-BUTENE(...	9.127	53	138109	124.00	UG/L	# 81
83) BROMOBENZENE	9.043	77	580324	109.33	UG/L	95
84) 1,2,3-TRICHLOROPROPANE	9.102	75	399664	108.50	UG/L	97
85) N-PROPYLBENZENE	9.169	91	1530119	112.40	UG/L	98
86) 2-CHLOROTOLUENE	9.244	91	965256	111.72	UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	9.350	105	1105111	114.44	UG/L	97
88) 4-CHLOROTOLUENE	9.353	91	1152655	117.21	UG/L	97
90) TERT-BUTYLBENZENE	9.665	119	890745	104.56	UG/L	97
91) 1,2,4-TRIMETHYLBENZENE	9.715	105	1113048	103.42	UG/L	98
92) SEC-BUTYLBENZENE	9.883	105	1203185	100.10	UG/L	98
93) 1,3-DICHLOROBENZENE	9.977	146	692553	111.05	UG/L	99
94) P-ISOPROPYLTOLUENE	10.033	119	1051949	101.62	UG/L	98
95) 1,4-DICHLOROBENZENE	10.069	146	712839	107.81	UG/L	97
97) N-BUTYLBENZENE	10.437	91	938680	100.79	UG/L	96
98) 1,2-DICHLOROBENZENE	10.432	146	707212	112.41	UG/L	99
99) 1,2-DIBROMO-3-CHLOROPR...	11.204	75	96992	112.04	UG/L	90
100) 1,3,5-TRICHLOROBENZENE	11.416	180	448032	104.29	UG/L	99
101) 1,2,4-TRICHLOROBENZENE	12.027	180	423328	104.62	UG/L	100
102) HEXACHLOROBUTADIENE	12.205	225	167920	108.97	UG/L	97
103) NAPHTHALENE	12.267	128	1282262	106.01	UG/L	99
104) 1,2,3-TRICHLOROBENZENE	12.504	180	411470	102.38	UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 09 06:41:46 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

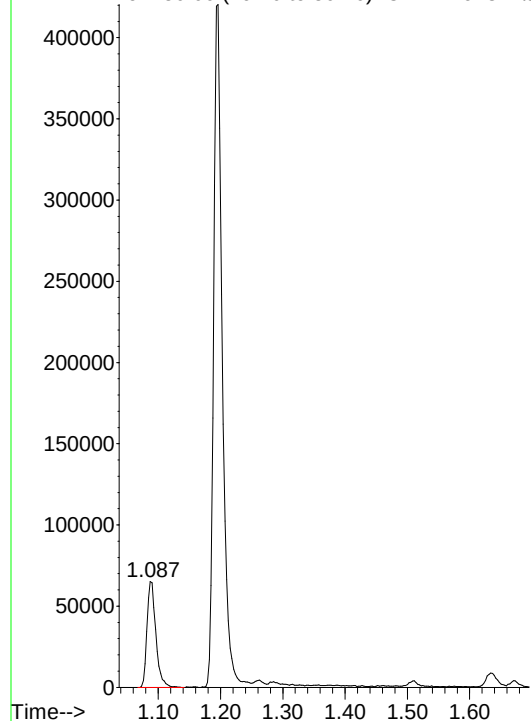


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Data File : C22V21918.D
Acq On : 8 Aug 2022 1:59 pm
Operator :
Sample : 8260STD 100PPB 2206105
Misc :

Quant Time : Tue Aug 09 06:41:46 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
CHLOROMETHANE

Abundance Ion 50.00 (49.70 to 50.70): C22V21918.D



Original Int. Results

RT : 1.09
Area : 63977
Amount: 14.1733

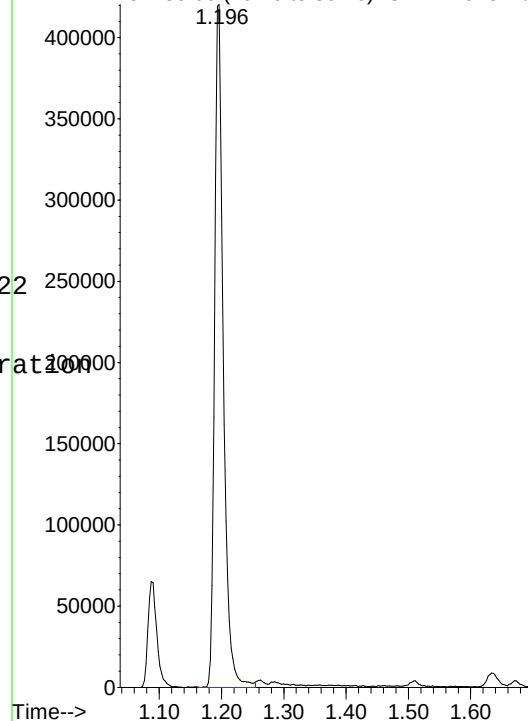
Manual Int. Results

Tue Aug 09 06:23:46 2022

MIuser: EEH
Reason: Incoret Integrat
RT : 1.20
Area : 411266
Amount: 91.1106

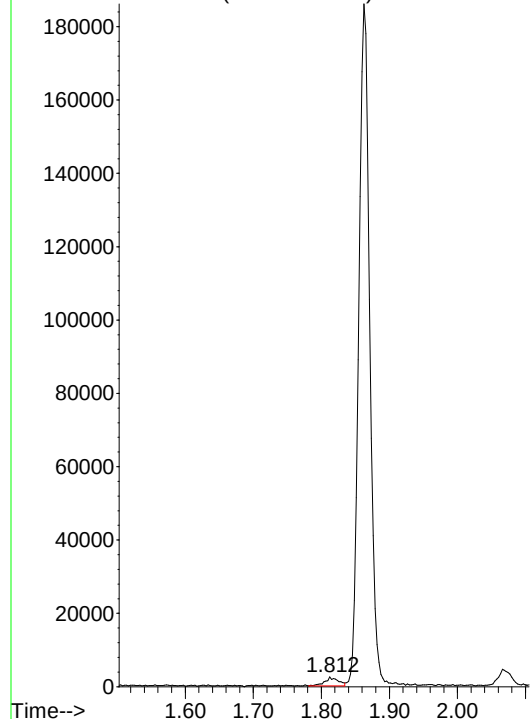
Manual Integration
CHLOROMETHANE

Abundance Ion 50.00 (49.70 to 50.70): C22V21918.D



Original Integration
ETHANOL

Abundance Ion 45.00 (44.70 to 45.70): C22V21918.D



Original Int. Results

RT : 1.81
Area : 3248
Amount: 45.9217

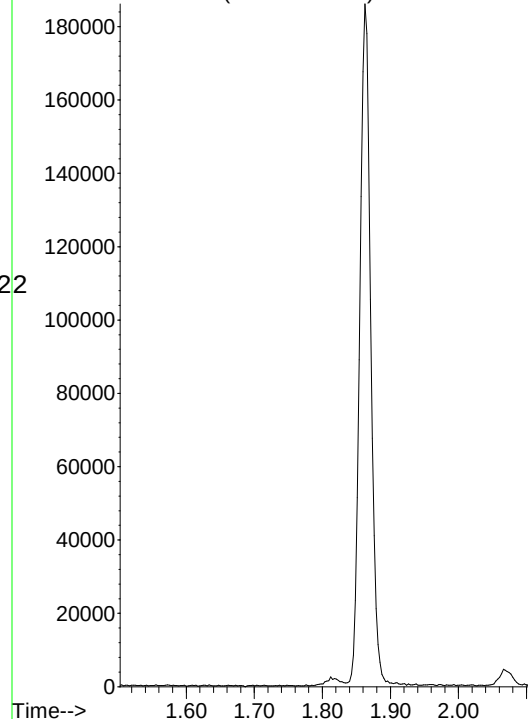
Manual Int. Results

Tue Aug 09 06:23:54 2022

MIuser: EEH
Reason: Split Peak
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL

Abundance Ion 45.00 (44.70 to 45.70): C22V21918.D



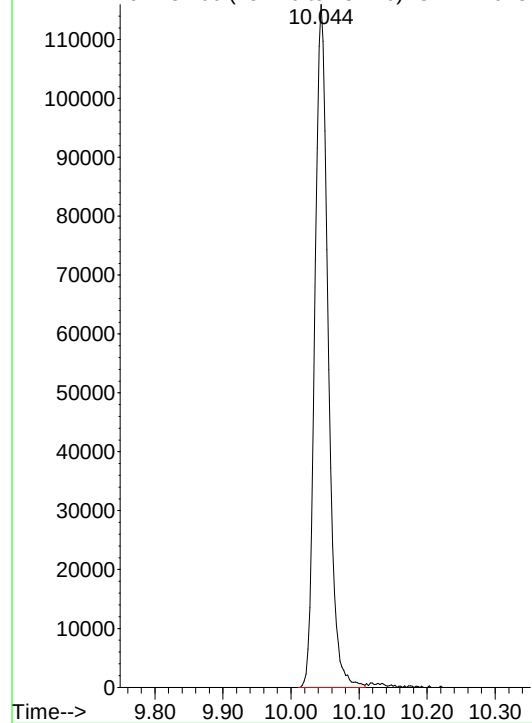
Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21918.D
Acq On : 8 Aug 2022 1:59 pm
Operator :
Sample : 8260STD 100PPB 2206105
Misc :

Quant Time : Tue Aug 09 06:41:46 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

1,4-DICHLOROBENZENE-D4-ISTD

Abundance on 152.00 (151.70 to 152.70): C22V21918.I



Original Int. Results

RT : 10.04
Area : 156597
Amount: 30

Manual Int. Results

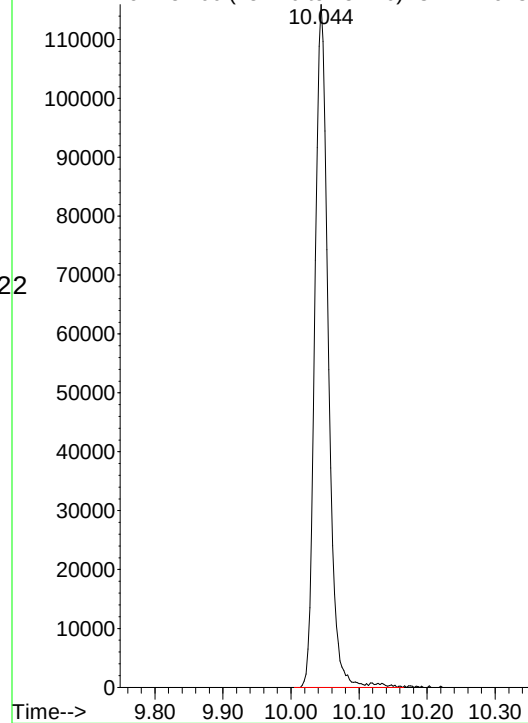
Tue Aug 09 06:41:46 2022

MIuser: EEH
Reason: Split Peak
RT : 10.04
Area : 157880
Amount: 30

Manual Integration

1,4-DICHLOROBENZENE-D4-ISTD

Abundance on 152.00 (151.70 to 152.70): C22V21918.I



Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21919.D
 Acq On : 8 Aug 2022 2:23 pm
 Operator :
 Sample : 8260STD 200PPB 2206105
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 09 06:41:16 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.194	168	211344	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.913	114	306522	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	155515	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.044	152	168149m	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	95572	24.04	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	96.16%	
49) TOLUENE SS	6.352	98	304676	24.93	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.72%	
71) 4-BROMOFLUOROBENZENE SS	8.909	95	119760	25.96	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	103.84%	
Target Compounds						
3) DICHLORODIFLUOROMETHANE	1.084	85	645308	187.30	UG/L	98
4) DIFLUOROCHLOROMETHANE	1.090	51	847637	205.82	UG/L	# 100
5) CHLOROMETHANE	1.193	50	896006m	194.91	UG/L	
6) VINYL CHLORIDE	1.260	62	769135	209.33	UG/L	98
7) BROMOMETHANE	1.441	94	435223	216.99	UG/L	100
8) CHLOROETHANE	1.500	64	464064	228.60	UG/L	97
9) FLUORODICHLOROMETHANE	1.631	67	1193928	214.95	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.667	101	925780	226.38	UG/L	98
12) DI ETHYL ETHER	1.862	59	548241	210.20	UG/L	97
13) ACROLEIN	1.957	56	1534492	1764.21	UG/L	100
14) ACETONE	2.069	43	2464910	1859.47	UG/L	95
15) 1,1-DICHLOROETHENE	2.018	61	938436	229.43	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.016	101	544277	242.98	UG/L	88
17) IODOMETHANE	2.136	142	9311028	2781.60	UG/L	98
20) METHYL ACETATE	2.317	43	914564	222.75	UG/L	96
21) T-BUTYL ALCOHOL	2.548	59	1079732m	2117.28	UG/L	
22) ACRYLONITRILE	2.618	53	357191	204.10	UG/L	98
23) METHYLENE CHLORIDE	2.392	49	890641	205.09	UG/L	95
24) CARBON DISULFIDE	2.180	76	16095597m	2040.22	UG/L	
25) METHYL TERT-BUTYL ETHE...	2.638	73	2118935	229.51	UG/L	96
26) TRANS 1,2-DICHLOROETHENE	2.626	61	921008	217.42	UG/L	96
27) 1,1-DICHLOROETHANE	3.039	63	1162755	205.02	UG/L	99
28) VINYL ACETATE	3.109	43	18407533m	1690.09	UG/L	
29) DI ISOPROYL ETHER	3.128	45	2382524	194.23	UG/L	95
31) 2-BUTANONE	3.678	43	4290128	1802.48	UG/L	96
32) T-BUTYL ETHYL ETHER	3.502	59	2135862	208.90	UG/L	99
33) CIS-1,2-DICHLOROETHENE	3.639	61	1058464	214.53	UG/L	93
34) 2,2-DICHLOROPROPANE	3.633	77	923079	217.27	UG/L	91
35) ETHYL ACETATE	3.745	43	902462	187.68	UG/L	99
38) BROMOCHLOROMETHANE	3.878	49	462279	158.85	UG/L	99
39) TETRAHYDROFURAN	3.940	42	288569	203.04	UG/L	91
40) CHLOROFORM	3.971	83	1144572	217.72	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.141	97	961834	228.97	UG/L	97
42) CYCLOHEXANE	4.188	56	926742	186.33	UG/L	95
43) CARBON TETRACHLORIDE	4.302	117	836570	237.64	UG/L	98
44) 1,1-DICHLOROPROPENE	4.308	75	844424	216.84	UG/L	96
45) BENZENE	4.514	78	2471550	203.27	UG/L	99
47) T-AMYL METHYL ETHER	4.648	73	2073978	228.32	UG/L	95
50) 1,2-DICHLOROETHANE	4.539	62	952554	228.18	UG/L	98
51) TRICHLOROETHENE	5.156	95	630974	233.91	UG/L	94
52) METHYLCYCLOHEXANE	5.337	83	761415	206.31	UG/L	94
53) 1,2-DICHLOROPROPANE	5.379	63	704447	218.02	UG/L	99
54) DIBROMOMETHANE	5.490	93	464522	231.66	UG/L	94

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21919.D
 Acq On : 8 Aug 2022 2:23 pm
 Operator :
 Sample : 8260STD 200PPB 2206105
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Inst : GCMSVOA3

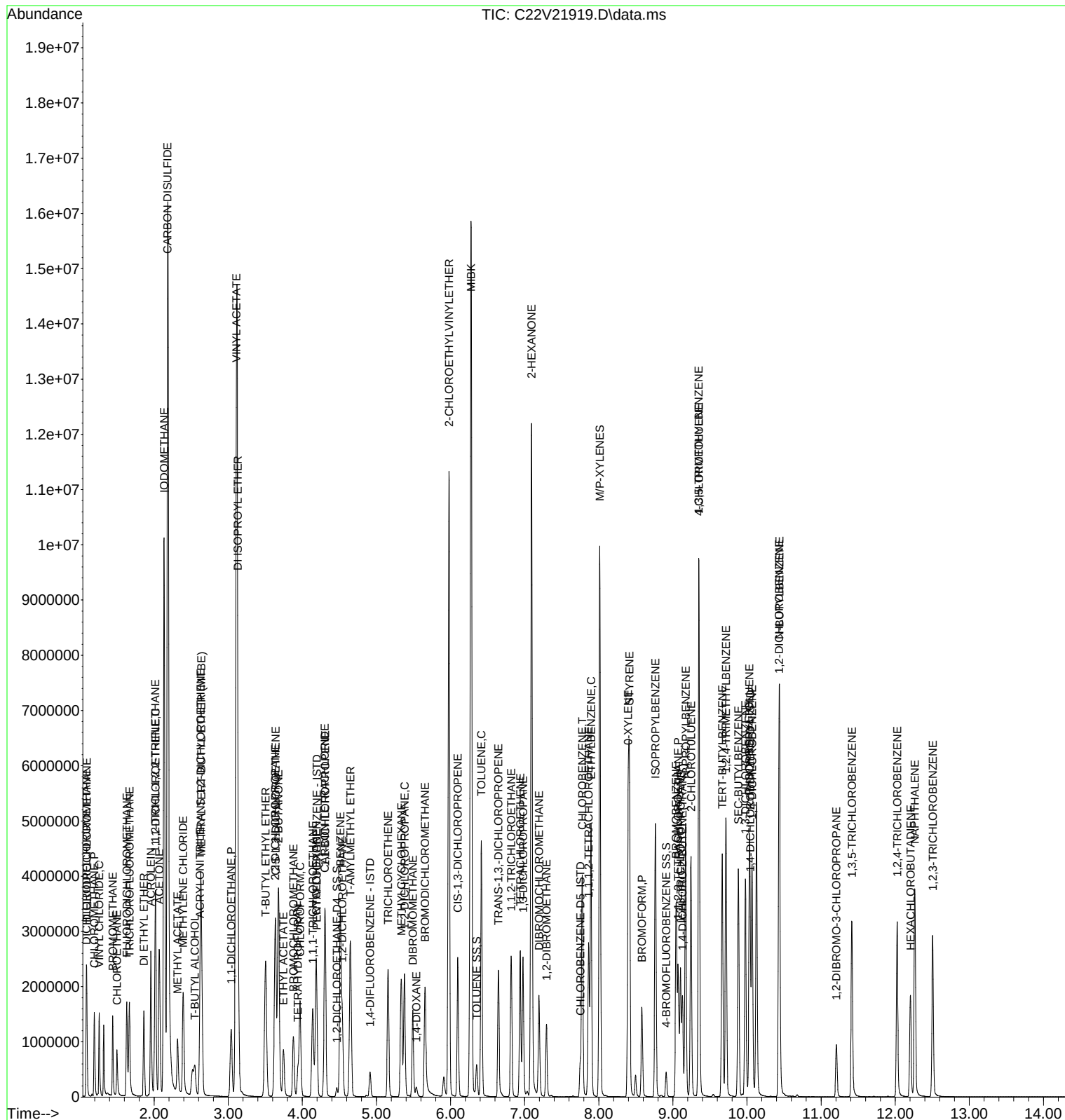
Quant Time: Aug 09 06:41:16 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 1,4-DIOXANE	5.538	88	110598	2335.29	UG/L	# 72
57) BROMODICHLOROMETHANE	5.655	83	927628	240.13	UG/L	97
58) 2-CHLOROETHYL VINYLETHANOL	5.978	63	4058349	2571.56	UG/L	88
59) MIBK	6.277	43	9824542	2065.18	UG/L	97
60) CIS-1,3-DICHLOROPROPENE	6.098	75	1123452	227.98	UG/L	96
61) TOLUENE	6.416	91	2670796	225.45	UG/L	98
62) TRANS-1,3-DICHLOROPROPENE	6.645	75	1010507	226.84	UG/L	94
64) 1,1,2-TRICHLOROETHANE	6.818	97	657021	235.60	UG/L	95
65) 2-HEXANONE	7.094	43	7060536	2066.42	UG/L	96
66) TETRACHLOROETHENE	6.940	166	662506	241.58	UG/L	97
67) 1,3-DICHLOROPROPANE	6.977	76	1169202	224.92	UG/L	99
68) DIBROMOCHLOROMETHANE	7.194	129	805536	251.10	UG/L	98
69) 1,2-DIBROMOETHANE	7.292	107	736716	236.67	UG/L	100
72) CHLOROBENZENE	7.777	112	1806976	235.72	UG/L	96
73) 1,1,1,2-TETRACHLOROETHANE	7.863	131	695384	254.05	UG/L	99
74) ETHYLBENZENE	7.894	91	2977511	225.61	UG/L	97
75) M/P-XYLENES	8.014	91	4738494	473.83	UG/L	98
76) O-XYLENE	8.396	91	2479180	240.62	UG/L	97
77) STYRENE	8.413	104	2101638	252.83	UG/L	95
78) BROMOFORM	8.580	173	662908	274.73	UG/L	99
79) ISOPROPYLBENZENE	8.764	105	2826310	236.44	UG/L	98
81) 1,1,2,2-TETRACHLOROETHANE	9.071	83	1088592	239.18	UG/L	96
82) 1,4-DICHLORO-2-BUTENE(...	9.130	53	292925	254.78	UG/L	# 78
83) BROMOBENZENE	9.043	77	1237286	225.80	UG/L	96
84) 1,2,3-TRICHLOROPROPANE	9.104	75	858506	225.77	UG/L	96
85) N-PROPYLBENZENE	9.171	91	3266018	232.41	UG/L	98
86) 2-CHLOROTOLUENE	9.244	91	2051844	230.07	UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	9.350	105	2398581	240.61	UG/L	98
88) 4-CHLOROTOLUENE	9.353	91	2486811	244.98	UG/L	98
90) TERT-BUTYLBENZENE	9.668	119	1902967	209.73	UG/L	96
91) 1,2,4-TRIMETHYLBENZENE	9.715	105	2378044	207.47	UG/L	99
92) SEC-BUTYLBENZENE	9.885	105	2583625	201.82	UG/L	98
93) 1,3-DICHLOROBENZENE	9.977	146	1483341	223.32	UG/L	100
94) P-ISOPROPYLTOLUENE	10.033	119	2258909	204.89	UG/L	99
95) 1,4-DICHLOROBENZENE	10.069	146	1554151	220.70	UG/L	99
97) N-BUTYLBENZENE	10.437	91	2032947	204.96	UG/L	96
98) 1,2-DICHLOROBENZENE	10.432	146	1523825	227.42	UG/L	99
99) 1,2-DIBROMO-3-CHLOROPROPANE	11.204	75	207303	224.84	UG/L	91
100) 1,3,5-TRICHLOROBENZENE	11.416	180	971990	212.44	UG/L	99
101) 1,2,4-TRICHLOROBENZENE	12.027	180	920627	213.62	UG/L	100
102) HEXACHLOROBUTADIENE	12.205	225	368467	224.51	UG/L	97
103) NAPHTHALENE	12.264	128	2736602	212.43	UG/L	99
104) 1,2,3-TRICHLOROBENZENE	12.507	180	873759	204.12	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

272

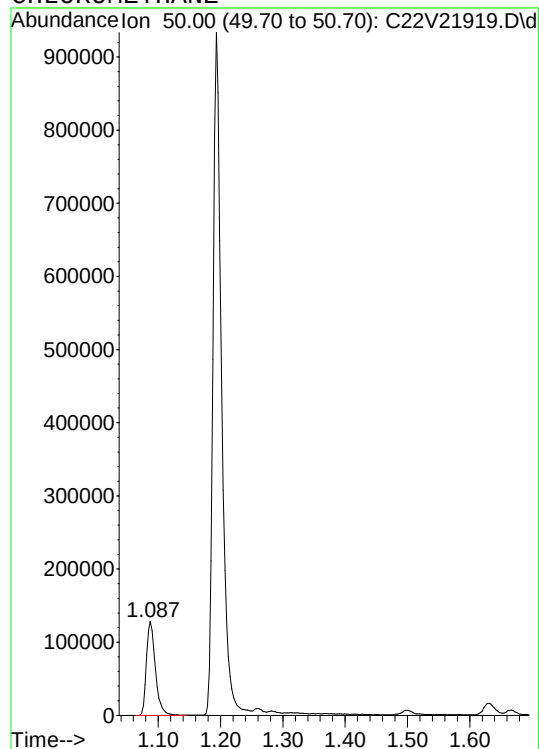
Quant Time: Aug 09 06:41:16 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21919.D
Acq On : 8 Aug 2022 2:23 pm
Operator :
Sample : 8260STD 200PPB 2206105
Misc :

Quant Time : Tue Aug 09 06:41:16 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
CHLOROMETHANE



Original Int. Results

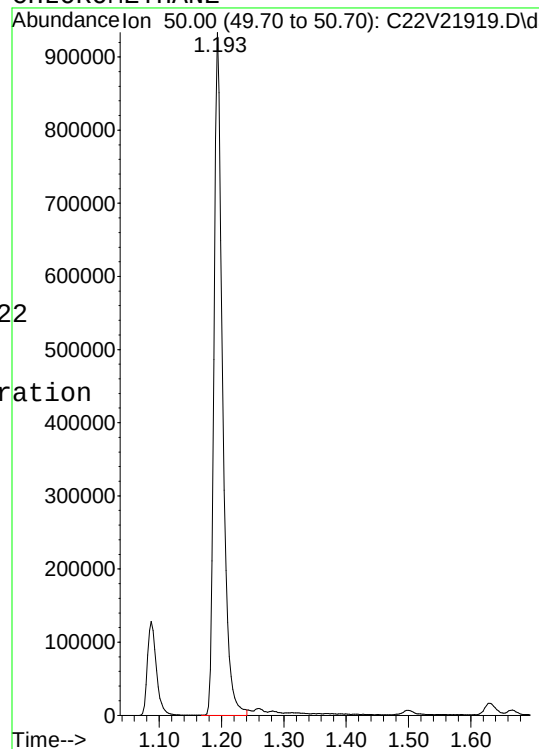
RT : 1.09
Area : 127378
Amount: 27.709

Manual Int. Results

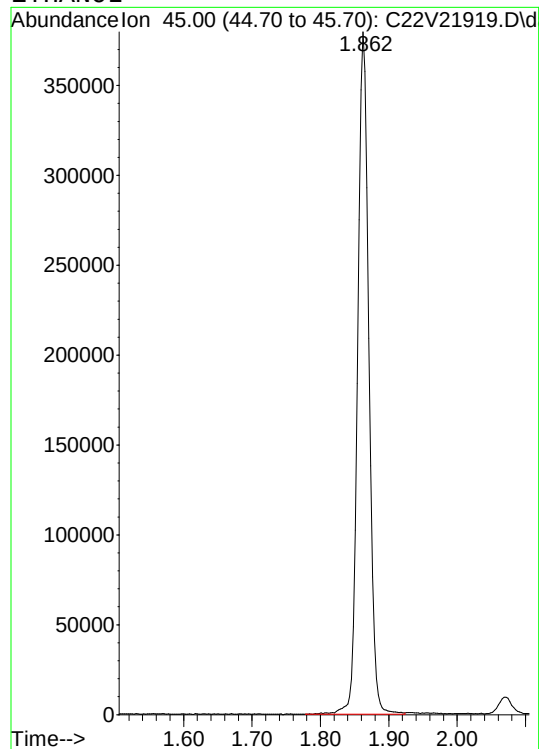
Tue Aug 09 06:25:08 2022

MIuser: EEH
Reason: Incoret Integration
RT : 1.19
Area : 896006
Amount: 194.912

Manual Integration
CHLOROMETHANE



Original Integration
ETHANOL



Original Int. Results

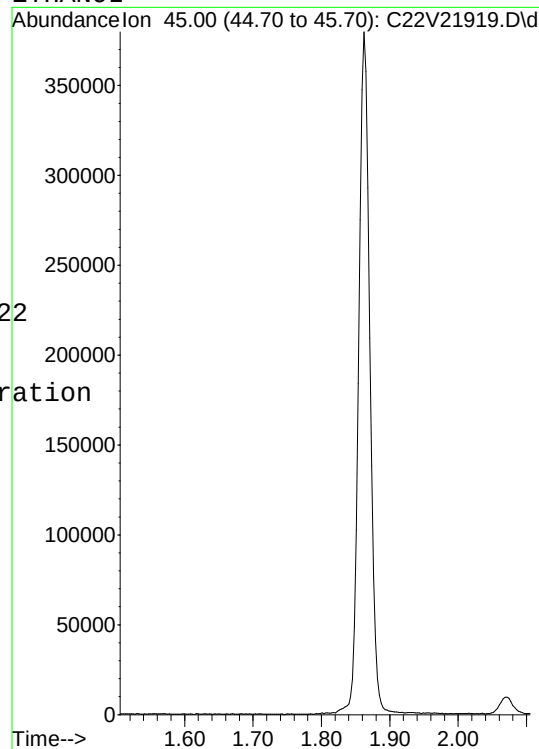
RT : 1.86
Area : 430350
Amount: 5974.53

Manual Int. Results

Tue Aug 09 06:25:18 2022

MIuser: EEH
Reason: Incoret Integration
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



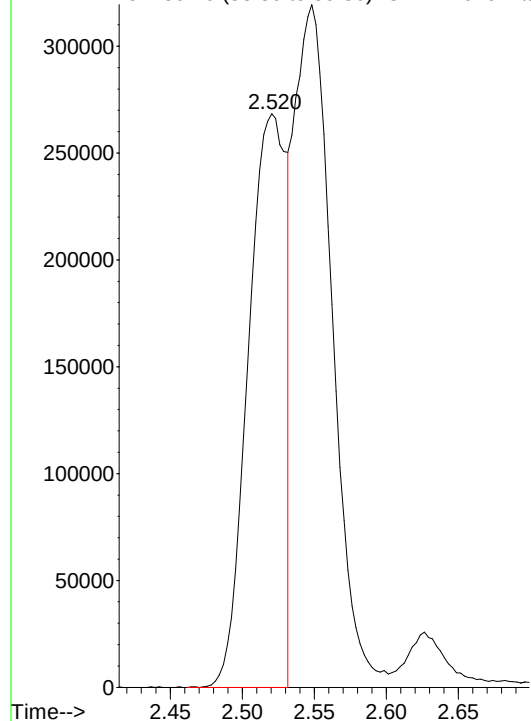
Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21919.D
Acq On : 8 Aug 2022 2:23 pm
Operator :
Sample : 8260STD 200PPB 2206105
Misc :

Quant Time : Tue Aug 09 06:41:16 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

T-BUTYL ALCOHOL

Abundance Ion 59.10 (58.80 to 59.80): C22V21919.D



Original Int. Results

RT : 2.52
Area : 491853
Amount: 964.489

Manual Int. Results

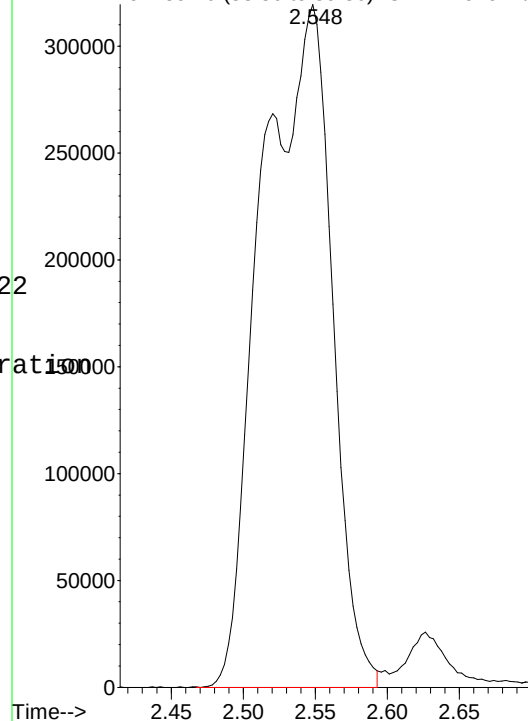
Tue Aug 09 06:25:30 2022

MIuser: EEH
Reason: Incoret Integrati
RT : 2.55
Area : 1.07973e+006
Amount: 2117.28

Manual Integration

T-BUTYL ALCOHOL

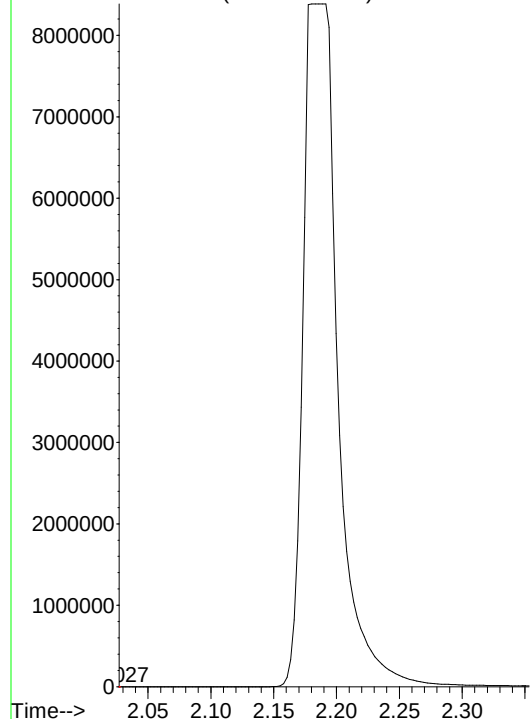
Abundance Ion 59.10 (58.80 to 59.80): C22V21919.D



Original Integration

CARBON DISULFIDE

Abundance Ion 76.00 (75.70 to 76.70): C22V21919.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

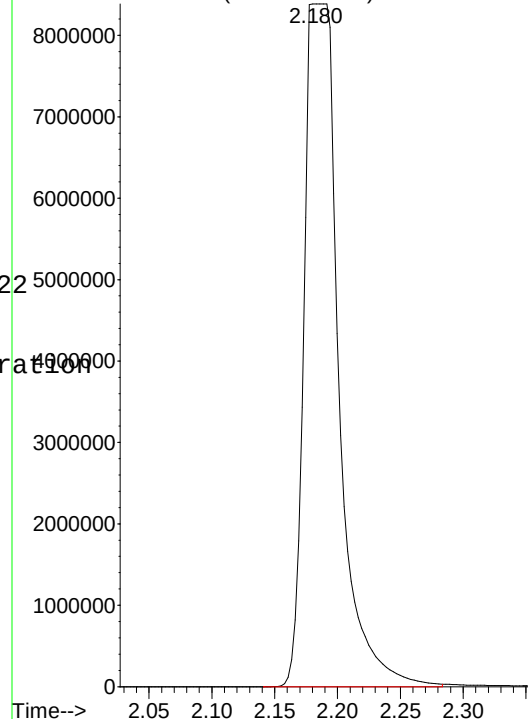
Tue Aug 09 06:25:35 2022

MIuser: EEH
Reason: Incoret Integrati
RT : 2.18
Area : 1.60956e+007
Amount: 2040.22

Manual Integration

CARBON DISULFIDE

Abundance Ion 76.00 (75.70 to 76.70): C22V21919.D



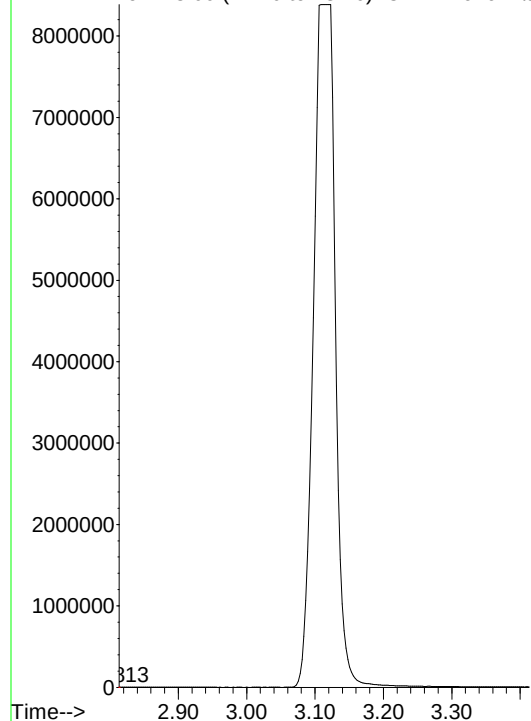
Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21919.D
Acq On : 8 Aug 2022 2:23 pm
Operator :
Sample : 8260STD 200PPB 2206105
Misc :

Quant Time : Tue Aug 09 06:41:16 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration

VINYL ACETATE

Abundance Ion 43.00 (42.70 to 43.70): C22V21919.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

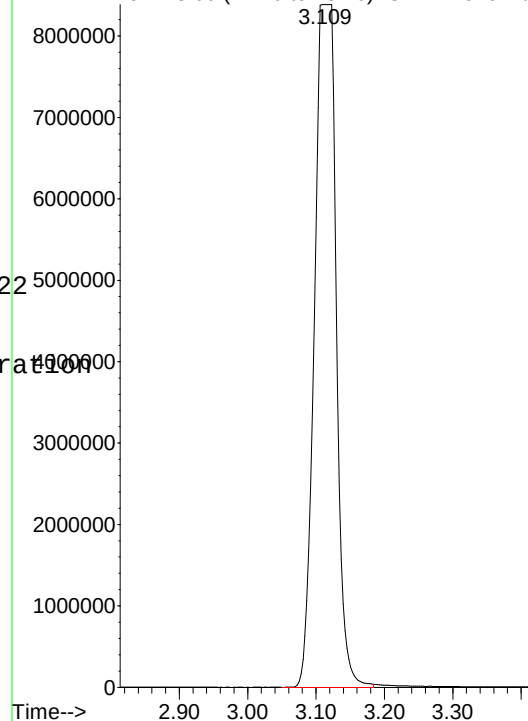
Tue Aug 09 06:25:41 2022

MIuser: EEH
Reason: Incoret Integration
RT : 3.11
Area : 1.84075e+007
Amount: 1690.09

Manual Integration

VINYL ACETATE

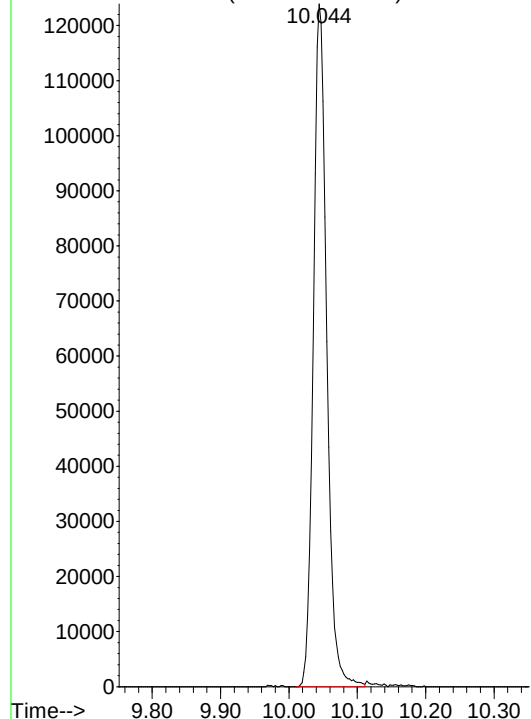
Abundance Ion 43.00 (42.70 to 43.70): C22V21919.D



Original Integration

1,4-DICHLOROBENZENE-D4-ISTD

Abundance Ion 152.00 (151.70 to 152.70): C22V21919.D



Original Int. Results

RT : 10.04
Area : 166653
Amount: 30

Manual Int. Results

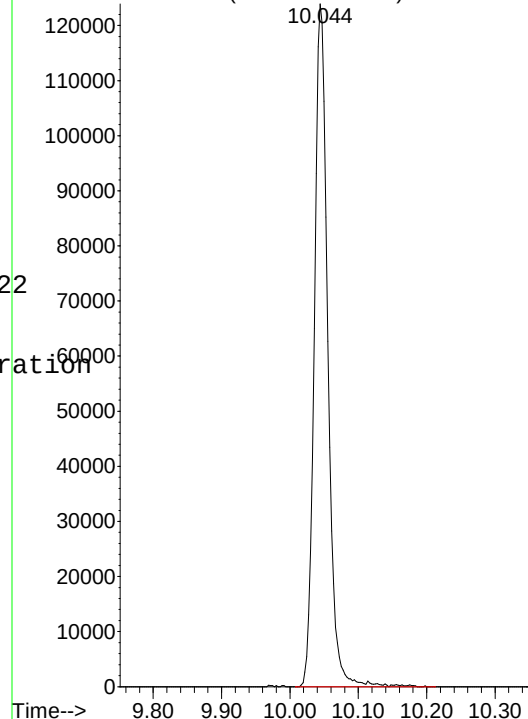
Tue Aug 09 06:41:16 2022

MIuser: EEH
Reason: Incoret Integration
RT : 10.04
Area : 168149
Amount: 30

Manual Integration

1,4-DICHLOROBENZENE-D4-ISTD

Abundance Ion 152.00 (151.70 to 152.70): C22V21919.D



Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21920.D
 Acq On : 8 Aug 2022 2:47 pm
 Operator :
 Sample : ETOH500PPB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 09 06:27:05 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.191	168	199302	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	294765	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.752	82	142873	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	138986	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	92689	24.72	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.88%	
49) TOLUENE SS	6.352	98	290149	24.68	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.72%	
71) 4-BROMOFLUOROBENZENE SS	8.909	95	106302	25.08	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.32%	
Target Compounds						
					Qvalue	
3) DICHLORODIFLUOROMETHANE	1.087	85	1958	0.60	UG/L	96
4) DIFLUOROCHLOROMETHANE	1.095	51	506	0.13	UG/L	# 100
5) CHLOROMETHANE	1.199	50	3753	0.87	UG/L	# 28
6) VINYL CHLORIDE	1.266	62	1356	0.39	UG/L	# 39
7) BROMOMETHANE	1.452	94	1261	0.67	UG/L	87
8) CHLOROETHANE	1.516	64	714	0.37	UG/L	# 41
9) FLUORODICHLOROMETHANE	1.639	67	678	0.13	UG/L	# 43
10) TRICHLOROFLUOROMETHANE	1.678	101	2069	0.54	UG/L	97
11) ETHANOL	1.795	45	32962	485.26	UG/L	# 83
13) ACRROLEIN	1.957	56	3773	4.60	UG/L	94
14) ACETONE	2.069	43	6097	4.88	UG/L	95
15) 1,1-DICHLOROETHENE	2.024	61	1963	0.51	UG/L	93
16) 1,1,2-TRICL-1,2,2-TRIF...	2.021	101	2074	0.98	UG/L	84
17) IODOMETHANE	2.147	142	7527	2.38	UG/L	96
20) METHYL ACETATE	2.322	43	1946	0.50	UG/L	# 64
21) T-BUTYL ALCOHOL	2.509	59	543	1.13	UG/L	# 53
23) METHYLENE CHLORIDE	2.400	49	975	0.24	UG/L	# 68
24) CARBON DISULFIDE	2.191	76	185929	24.99	UG/L	100
26) TRANS 1,2-DICHLOROETHENE	2.626	61	3347	0.84	UG/L	93
27) 1,1-DICHLOROETHANE	3.039	63	561	0.10	UG/L	# 51
28) VINYL ACETATE	3.120	43	9076	0.88	UG/L	100
31) 2-BUTANONE	3.692	43	7329	3.27	UG/L	# 94
33) CIS-1,2-DICHLOROETHENE	3.647	61	1494	0.32	UG/L	# 71
35) ETHYL ACETATE	3.756	43	2474	0.55	UG/L	# 71
40) CHLOROFORM	3.973	83	872	0.18	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.141	97	629	0.16	UG/L	# 1
42) CYCLOHEXANE	4.191	56	6247	1.33	UG/L	# 56
43) CARBON TETRACHLORIDE	4.305	117	791	0.24	UG/L	# 67
44) 1,1-DICHLOROPROPENE	4.311	75	2432	0.66	UG/L	94
45) BENZENE	4.525	78	2745	0.24	UG/L	# 1
50) 1,2-DICHLOROETHANE	4.551	62	638	0.16	UG/L	# 74
51) TRICHLOROETHENE	5.161	95	1815	0.70	UG/L	# 63
52) METHYLCYCLOHEXANE	5.334	83	3272	0.92	UG/L	95
54) DIBROMOMETHANE	5.499	93	626	0.32	UG/L	# 1
57) BROMODICHLOROMETHANE	5.658	83	621	0.17	UG/L	# 24
58) 2-CHLOROETHYL VINYLETHER	5.995	63	1110	0.73	UG/L	# 60
59) MIBK	6.274	43	14203	3.10	UG/L	97
60) CIS-1,3-DICHLOROPROPENE	6.115	75	1105	0.23	UG/L	# 51
61) TOLUENE	6.419	91	4377	0.38	UG/L	96
62) TRANS-1,3,-DICHLOROPRO...	6.659	75	1107	0.26	UG/L	# 48
65) 2-HEXANONE	7.099	43	16266	4.95	UG/L	87
66) TETRACHLOROETHENE	6.946	166	2966	1.12	UG/L	# 81
67) 1,3-DICHLOROPROPANE	6.988	76	917	0.18	UG/L	# 43

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21920.D
 Acq On : 8 Aug 2022 2:47 pm
 Operator :
 Sample : ET0H500PPB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Inst : GCMSVOA3

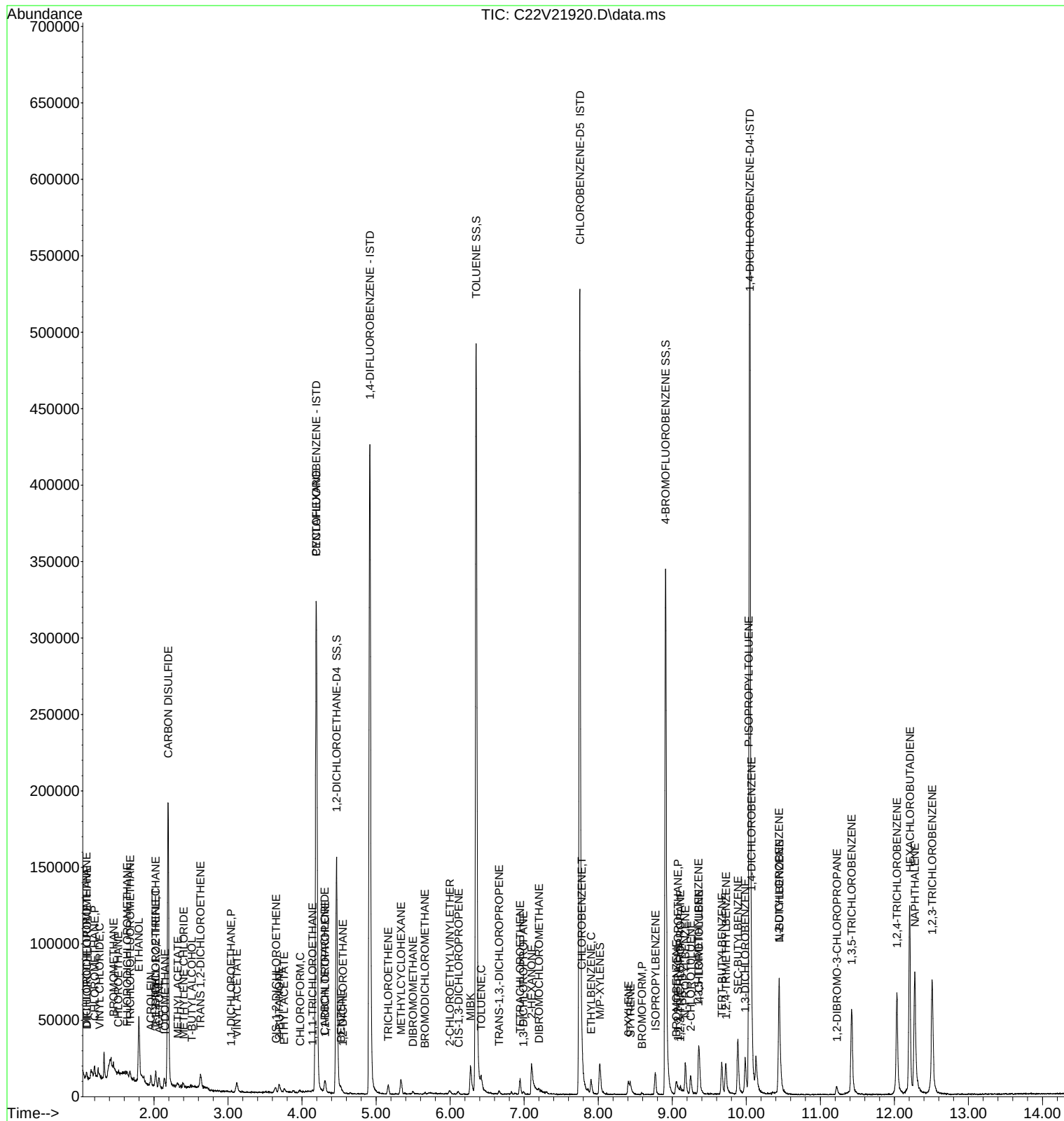
Quant Time: Aug 09 06:27:05 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) DIBROMOCHLOROMETHANE	7.200	129	722	0.23	UG/L	96
72) CHLOROBENZENE	7.777	112	4175	0.59	UG/L #	89
74) ETHYLBENZENE	7.902	91	7172	0.59	UG/L	96
75) M/P-XYLENES	8.022	91	12711	1.38	UG/L	89
76) O-XYLENE	8.407	91	4974	0.53	UG/L	91
77) STYRENE	8.435	104	4121	0.54	UG/L	92
78) BROMOFORM	8.591	173	668	0.30	UG/L #	36
79) ISOPROPYLBENZENE	8.773	105	9405	0.86	UG/L	96
81) 1,1,2,2-TETRACHLOROETHANE	9.076	83	2512	0.60	UG/L #	95
83) BROMOBENZENE	9.054	77	3853	0.77	UG/L	88
84) 1,2,3-TRICHLOROPROPANE	9.107	75	1057	0.30	UG/L #	38
85) N-PROPYLBENZENE	9.177	91	16276	1.26	UG/L	96
86) 2-CHLOROTOLUENE	9.249	91	6155	0.75	UG/L	88
87) 1,3,5-TRIMETHYLBENZENE	9.355	105	10797	1.18	UG/L #	57
88) 4-CHLOROTOLUENE	9.361	91	10724	1.15	UG/L	99
90) TERT-BUTYLBENZENE	9.670	119	10477	1.40	UG/L	92
91) 1,2,4-TRIMETHYLBENZENE	9.726	105	11450	1.21	UG/L	100
92) SEC-BUTYLBENZENE	9.888	105	23009	2.17	UG/L	100
93) 1,3-DICHLOROBENZENE	9.986	146	10627	1.94	UG/L	97
94) P-ISOPROPYLTOLUENE	10.033	119	22412	2.46	UG/L	96
95) 1,4-DICHLOROBENZENE	10.069	146	10570	1.82	UG/L #	71
97) N-BUTYLBENZENE	10.448	91	34118	4.16	UG/L	99
98) 1,2-DICHLOROBENZENE	10.440	146	9828	1.77	UG/L	92
99) 1,2-DIBROMO-3-CHLOROPR...	11.221	75	1723	2.26	UG/L	89
100) 1,3,5-TRICHLOROBENZENE	11.422	180	19830	5.24	UG/L	98
101) 1,2,4-TRICHLOROBENZENE	12.035	180	23644	6.64	UG/L	99
102) HEXACHLOROBUTADIENE	12.208	225	25802	19.02	UG/L	96
103) NAPHTHALENE	12.275	128	77522	7.28	UG/L	99
104) 1,2,3-TRICHLOROBENZENE	12.509	180	30866	8.72	UG/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 09 06:27:05 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21921.D
 Acq On : 8 Aug 2022 3:11 pm
 Operator :
 Sample : ETOH1000PPB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 09 06:27:24 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.191	168	196471	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	292968	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.752	82	142427	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	135574	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	93593	25.32	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.28%	
49) TOLUENE SS	6.352	98	287212	24.58	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.32%	
71) 4-BROMOFLUOROBENZENE SS	8.909	95	104742	24.79	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.16%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	837	0.26	UG/L	# 43
5) CHLOROMETHANE	1.199	50	2662	0.62	UG/L	# 32
6) VINYL CHLORIDE	1.263	62	509	0.15	UG/L	# 1
7) BROMOMETHANE	1.450	94	1472	0.79	UG/L	# 71
10) TRICHLOROFLUOROMETHANE	1.673	101	775	0.20	UG/L	# 79
11) ETHANOL	1.801	45	65128	972.62	UG/L	# 88
13) ACROLEIN	1.960	56	1154	1.43	UG/L	# 70
14) ACETONE	2.066	43	3193	2.59	UG/L	# 99
15) 1,1-DICHLOROETHENE	2.024	61	749	0.20	UG/L	# 28
16) 1,1,2-TRICL-1,2,2-TRIF...	2.021	101	968	0.46	UG/L	# 3
17) IODOMETHANE	2.144	142	5597	1.80	UG/L	# 91
20) METHYL ACETATE	2.320	43	1308	0.34	UG/L	# 64
24) CARBON DISULFIDE	2.189	76	78744	10.74	UG/L	# 100
26) TRANS 1,2-DICHLOROETHENE	2.638	61	1359	0.35	UG/L	# 52
28) VINYL ACETATE	3.123	43	2316	0.23	UG/L	# 78
31) 2-BUTANONE	3.695	43	2131	0.96	UG/L	# 61
33) CIS-1,2-DICHLOROETHENE	3.761	61	517	0.11	UG/L	# 20
35) ETHYL ACETATE	3.761	43	4059	0.91	UG/L	# 90
42) CYCLOHEXANE	4.188	56	4591	0.99	UG/L	# 28
44) 1,1-DICHLOROPROPENE	4.308	75	1018	0.28	UG/L	# 39
45) BENZENE	4.526	78	1317	0.12	UG/L	# 1
51) TRICHLOROETHENE	5.161	95	658	0.26	UG/L	# 37
52) METHYLCYCLOHEXANE	5.337	83	1173	0.33	UG/L	# 78
59) MIBK	6.285	43	4206	0.93	UG/L	# 91
61) TOLUENE	6.419	91	1644	0.15	UG/L	# 95
65) 2-HEXANONE	7.125	43	3306	1.01	UG/L	# 51
66) TETRACHLOROETHENE	6.949	166	1136	0.43	UG/L	# 61
72) CHLOROBENZENE	7.777	112	923	0.13	UG/L	# 1
74) ETHYLBENZENE	7.911	91	2546	0.21	UG/L	# 83
75) M/P-XYLENES	8.025	91	4476	0.49	UG/L	# 93
77) STYRENE	8.444	104	1378	0.18	UG/L	# 31
79) ISOPROPYLBENZENE	8.775	105	2993	0.27	UG/L	# 86
83) BROMOBENZENE	9.054	77	1070	0.21	UG/L	# 45
85) N-PROPYLBENZENE	9.185	91	5906	0.46	UG/L	# 86
86) 2-CHLOROTOLUENE	9.252	91	1232	0.15	UG/L	# 85
87) 1,3,5-TRIMETHYLBENZENE	9.361	105	3213	0.35	UG/L	# 60
88) 4-CHLOROTOLUENE	9.369	91	3904	0.42	UG/L	# 86
90) TERT-BUTYLBENZENE	9.671	119	2751	0.38	UG/L	# 90
91) 1,2,4-TRIMETHYLBENZENE	9.726	105	3715	0.40	UG/L	# 99
92) SEC-BUTYLBENZENE	9.885	105	5865	0.57	UG/L	# 73
93) 1,3-DICHLOROBENZENE	9.994	146	3476	0.65	UG/L	# 95
94) P-ISOPROPYLTOLUENE	10.036	119	6187	0.70	UG/L	# 80
95) 1,4-DICHLOROBENZENE	10.075	146	4181	0.74	UG/L	# 76

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21921.D
 Acq On : 8 Aug 2022 3:11 pm
 Operator :
 Sample : ETOH1000PPB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Inst : GCMSVOA3

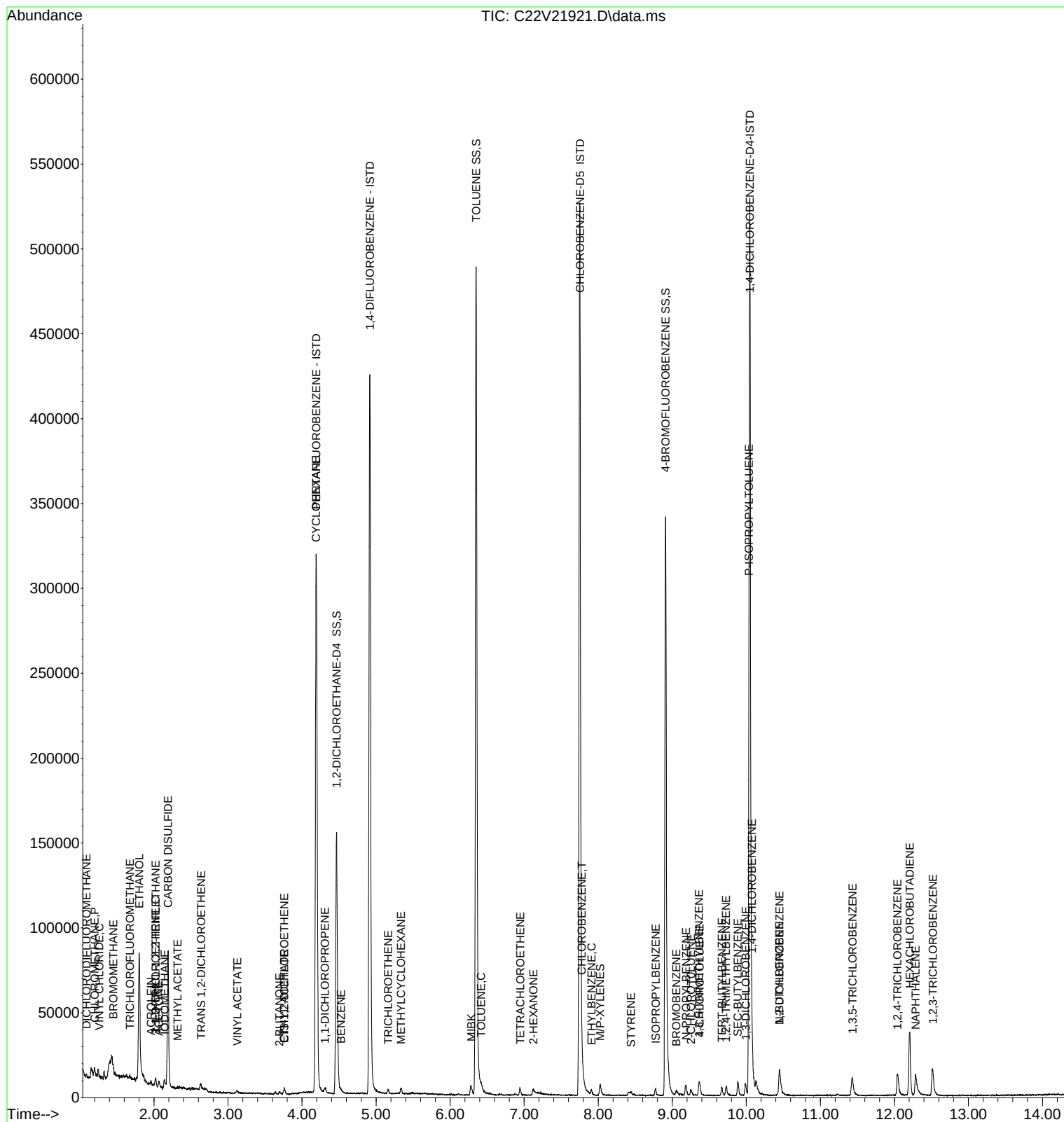
Quant Time: Aug 09 06:27:24 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) N-BUTYLBENZENE	10.446	91	8550	1.07	UG/L #	89
98) 1,2-DICHLOROBENZENE	10.449	146	3114	0.58	UG/L #	79
100) 1,3,5-TRICHLOROBENZENE	11.436	180	5189	1.41	UG/L	100
101) 1,2,4-TRICHLOROBENZENE	12.038	180	5666	1.63	UG/L	88
102) HEXACHLOROBUTADIENE	12.205	225	8752	6.61	UG/L	96
103) NAPHTHALENE	12.284	128	13674	1.32	UG/L #	89
104) 1,2,3-TRICHLOROBENZENE	12.518	180	7072	2.05	UG/L	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 09 06:27:24 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21922.D
 Acq On : 8 Aug 2022 3:35 pm
 Operator :
 Sample : ET0H2000PPB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 09 06:27:41 2022
 Quant Method : C:\msdchem\1\methods\C051619.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Mon Aug 08 11:15:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.191	168	194717	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.913	114	288866	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.752	82	140108	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.044	152	133200	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.464	65	93586	25.55	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	102.20%	
49) TOLUENE SS	6.349	98	283603	24.62	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.48%	
71) 4-BROMOFLUOROBENZENE SS	8.909	95	103874	24.99	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.96%	
Target Compounds						
					Qvalue	
5) CHLOROMETHANE	1.193	50	2851	0.67	UG/L	# 41
7) BROMOMETHANE	1.447	94	1288	0.70	UG/L	# 87
8) CHLOROETHANE	1.567	64	562	0.30	UG/L	# 41
11) ETHANOL	1.812	45	133196	2007.06	UG/L	# 85
13) ACROLEIN	1.954	56	527	0.66	UG/L	# 46
14) ACETONE	2.066	43	2714	2.22	UG/L	# 91
17) IODOMETHANE	2.141	142	5800	1.88	UG/L	# 97
20) METHYL ACETATE	2.066	43	2714	0.72	UG/L	# 64
24) CARBON DISULFIDE	2.188	76	47451	6.53	UG/L	# 99
26) TRANS 1,2-DICHLOROETHENE	2.632	61	848	0.22	UG/L	# 67
31) 2-BUTANONE	3.691	43	1130	0.52	UG/L	# 61
33) CIS-1,2-DICHLOROETHENE	3.756	61	1103	0.24	UG/L	# 20
35) ETHYL ACETATE	3.753	43	7689	1.74	UG/L	# 97
42) CYCLOHEXANE	4.193	56	4121	0.90	UG/L	# 24
44) 1,1-DICHLOROPROPENE	4.311	75	577	0.16	UG/L	# 39
51) TRICHLOROETHENE	5.169	95	314	0.12	UG/L	# 1
59) MIBK	6.290	43	2185	0.49	UG/L	# 79
61) TOLUENE	6.419	91	1104	0.10	UG/L	# 21
65) 2-HEXANONE	7.141	43	909	0.28	UG/L	# 26
66) TETRACHLOROETHENE	6.949	166	626	0.24	UG/L	# 22
72) CHLOROBENZENE	7.782	112	908	0.13	UG/L	# 1
74) ETHYLBENZENE	7.908	91	1575	0.13	UG/L	# 42
75) M/P-XYLENES	8.031	91	2556	0.28	UG/L	# 76
85) N-PROPYLBENZENE	9.185	91	3341	0.26	UG/L	# 91
86) 2-CHLOROTOLUENE	9.255	91	1057	0.13	UG/L	# 39
87) 1,3,5-TRIMETHYLBENZENE	9.364	105	1676	0.19	UG/L	# 95
88) 4-CHLOROTOLUENE	9.375	91	2005	0.22	UG/L	# 92
90) TERT-BUTYLBENZENE	9.670	119	1329	0.18	UG/L	# 79
91) 1,2,4-TRIMETHYLBENZENE	9.734	105	2161	0.24	UG/L	# 86
92) SEC-BUTYLBENZENE	9.891	105	3475	0.34	UG/L	# 88
93) 1,3-DICHLOROBENZENE	9.991	146	1968	0.37	UG/L	# 66
94) P-ISOPROPYLTOLUENE	10.033	119	3115	0.36	UG/L	# 84
95) 1,4-DICHLOROBENZENE	10.066	146	2417	0.43	UG/L	# 77
97) N-BUTYLBENZENE	10.454	91	4043	0.51	UG/L	# 46
100) 1,3,5-TRICHLOROBENZENE	11.436	180	2605	0.72	UG/L	# 49
101) 1,2,4-TRICHLOROBENZENE	12.049	180	1601	0.47	UG/L	# 95
102) HEXACHLOROBUTADIENE	12.208	225	3802	2.92	UG/L	# 87
103) NAPHTHALENE	12.297	128	1765	0.17	UG/L	# 72
104) 1,2,3-TRICHLOROBENZENE	12.526	180	2865	0.84	UG/L	# 68

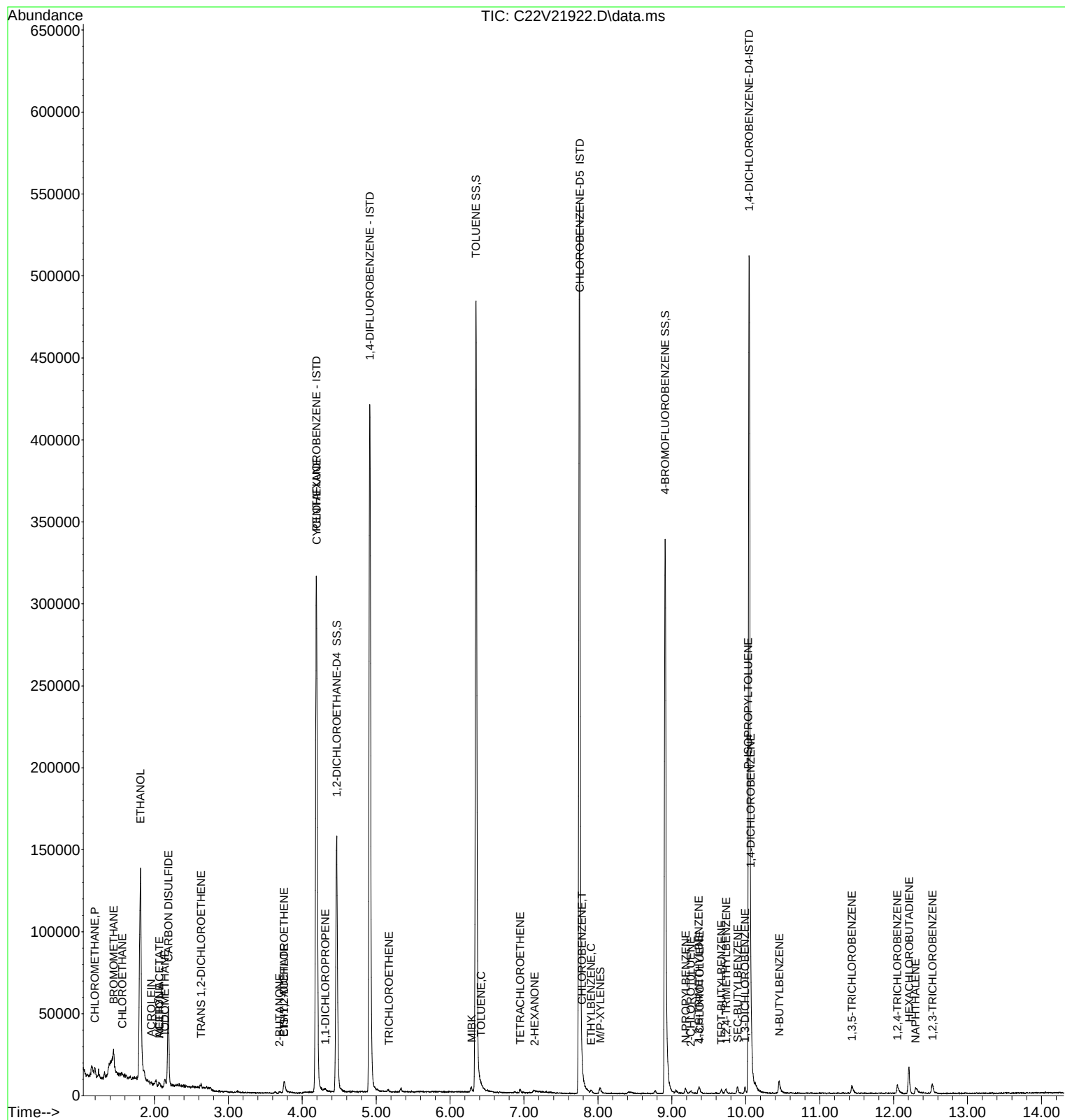
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21922.D
Acq On : 8 Aug 2022 3:35 pm
Operator :
Sample : ET0H2000PPB
Misc :
ALS Vial : 22 Sample Multiplier: 1

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Inst : GCMSVOA3

Quant Time: Aug 09 06:27:41 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21926.D
 Acq On : 8 Aug 2022 5:12 pm
 Operator :
 Sample : ICV 2208129
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Aug 09 06:49:54 2022
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Tue Aug 09 06:47:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.193	168	189774	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	281536	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.752	82	138214	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	136546	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	88891	24.96	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.84%	
49) TOLUENE SS	6.352	98	277727	24.91	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.64%	
71) 4-BROMOFLUOROBENZENE SS	8.909	95	102198	24.94	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.76%	
Target Compounds						
3) DICHLORODIFLUOROMETHANE	1.090	85	24441	8.90	UG/L	Qvalue 97
4) DIFLUOROCHLOROMETHANE	1.093	51	29578	8.17	UG/L	# 100
5) CHLOROMETHANE	1.198	50	36170m	8.06	UG/L	
6) VINYL CHLORIDE	1.263	62	29514	8.94	UG/L	94
7) BROMOMETHANE	1.452	94	15899m	8.16	UG/L	
8) CHLOROETHANE	1.519	64	20717	9.09	UG/L	99
9) FLUORODICHLOROMETHANE	1.639	67	56239	10.58	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.675	101	42573	10.53	UG/L	94
11) ETHANOL	1.801	45	6264	95.52	UG/L	# 82
12) DI ETHYL ETHER	1.865	59	28172m	11.99	UG/L	
13) ACROLEIN	1.957	56	89006	153.83	UG/L	100
14) ACETONE	2.069	43	116334	100.99	UG/L	94
15) 1,1-DICHLOROETHENE	2.027	61	41586	10.11	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.021	101	26578	11.13	UG/L	89
17) IODOMETHANE	2.141	142	31157	9.09	UG/L	97
20) METHYL ACETATE	2.317	43	49693	11.08	UG/L	96
21) T-BUTYL ALCOHOL	2.509	59	44372	97.65	UG/L	# 99
22) ACRYLONITRILE	2.618	53	16286	11.39	UG/L	96
23) METHYLENE CHLORIDE	2.395	49	42231	10.39	UG/L	96
24) CARBON DISULFIDE	2.191	76	95591m	11.97	UG/L	
25) METHYL TERT-BUTYL ETHE...	2.640	73	98067	10.97	UG/L	96
26) TRANS 1,2-DICHLOROETHENE	2.632	61	41248	10.55	UG/L	95
27) 1,1-DICHLOROETHANE	3.045	63	54352	10.90	UG/L	99
28) VINYL ACETATE	3.111	43	822655	99.08	UG/L	98
29) DI ISOPROYL ETHER	3.128	45	113424	11.50	UG/L	97
31) 2-BUTANONE	3.675	43	179263	107.58	UG/L	97
32) T-BUTYL ETHYL ETHER	3.502	59	97575	11.15	UG/L	100
33) CIS-1,2-DICHLOROETHENE	3.641	61	47371	10.91	UG/L	94
34) 2,2-DICHLOROPROPANE	3.636	77	40028	10.39	UG/L	93
35) ETHYL ACETATE	3.750	43	37243	9.05	UG/L	98
38) BROMOCHLOROMETHANE	3.881	49	28286	11.79	UG/L	99
39) TETRAHYDROFURAN	3.945	42	11088	9.34	UG/L	# 80
40) CHLOROFORM	3.970	83	51878	10.80	UG/L	96
41) 1,1,1-TRICHLOROETHANE	4.143	97	43242	10.81	UG/L	96
42) CYCLOHEXANE	4.191	56	47912	10.70	UG/L	93
43) CARBON TETRACHLORIDE	4.308	117	35593	10.65	UG/L	97
44) 1,1-DICHLOROPROPENE	4.311	75	36982	10.68	UG/L	95
45) BENZENE	4.517	78	117993	11.19	UG/L	97
47) T-AMYL METHYL ETHER	4.651	73	90203	10.86	UG/L	96
50) 1,2-DICHLOROETHANE	4.542	62	43574	10.86	UG/L	98
51) TRICHLOROETHANE	5.158	95	28612	11.01	UG/L	92
52) METHYLCYCLOHEXANE	5.337	83	36996	11.92	UG/L	94
53) 1,2-DICHLOROPROPANE	5.381	63	32215	11.21	UG/L	# 99

Data Path : C:\msdchem\1\data\C080822\
 Data File : C22V21926.D
 Acq On : 8 Aug 2022 5:12 pm
 Operator :
 Sample : ICV 2208129
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Inst : GCMSVOA3

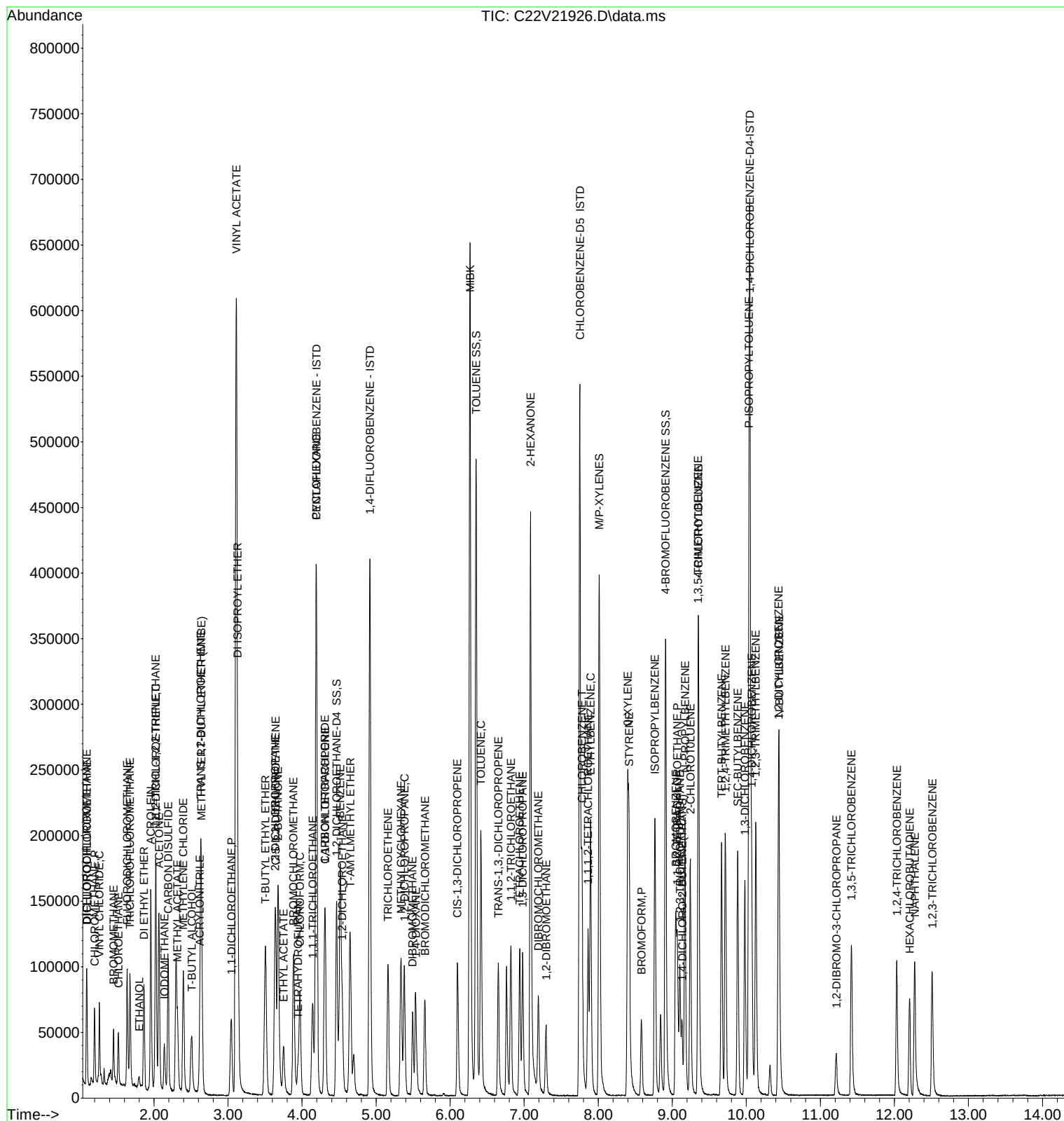
Quant Time: Aug 09 06:49:54 2022
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Tue Aug 09 06:47:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) DIBROMOMETHANE	5.493	93	20111	10.73	UG/L	95
56) 1,4-DIOXANE	5.538	88	4002	90.13	UG/L #	63
57) BROMODICHLOROMETHANE	5.660	83	41309	11.17	UG/L	97
59) MIBK	6.268	43	389646	100.97	UG/L	99
60) CIS-1,3-DICHLOROPROPENE	6.098	75	49439	11.13	UG/L	95
61) TOLUENE	6.416	91	124756	11.12	UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	6.650	75	45740	11.94	UG/L	93
64) 1,1,2-TRICHLOROETHANE	6.820	97	29172	11.11	UG/L	94
65) 2-HEXANONE	7.085	43	277547	104.01	UG/L	99
66) TETRACHLOROETHENE	6.937	166	30129	11.43	UG/L	98
67) 1,3-DICHLOROPROPANE	6.979	76	51563	11.04	UG/L	99
68) DIBROMOCHLOROMETHANE	7.191	129	32115	10.17	UG/L	99
69) 1,2-DIBROMOETHANE	7.297	107	32069	11.42	UG/L	100
72) CHLOROBENZENE	7.780	112	81462	11.22	UG/L	94
73) 1,1,1,2-TETRACHLOROETHANE	7.863	131	29516	10.96	UG/L	97
74) ETHYLBENZENE	7.897	91	137483	11.71	UG/L	96
75) M/P-XYLENES	8.014	91	208536	22.74	UG/L	97
76) O-XYLENE	8.399	91	109906	11.39	UG/L	99
77) STYRENE	8.415	104	88231	11.38	UG/L	95
78) BROMOFORM	8.583	173	24384	10.11	UG/L #	96
79) ISOPROPYLBENZENE	8.764	105	124696	11.30	UG/L	98
81) 1,1,2,2-TETRACHLOROETHANE	9.068	83	46483	10.99	UG/L	93
82) 1,4-DICHLORO-2-BUTENE(...	9.135	53	9616	8.71	UG/L #	80
83) BROMOBENZENE	9.048	77	54575	11.34	UG/L	93
84) 1,2,3-TRICHLOROPROPANE	9.104	75	34367	9.91	UG/L	100
85) N-PROPYLBENZENE	9.171	91	141646	11.48	UG/L	98
86) 2-CHLOROTOLUENE	9.244	91	91912	11.42	UG/L	97
87) 1,3,5-TRIMETHYLBENZENE	9.350	105	103276	11.42	UG/L	97
88) 4-CHLOROTOLUENE	9.355	91	101269	11.07	UG/L	98
90) TERT-BUTYLBENZENE	9.665	119	83076	11.36	UG/L	96
91) 1,2,4-TRIMETHYLBENZENE	9.718	105	101956	11.34	UG/L	99
92) SEC-BUTYLBENZENE	9.885	105	116837m	11.98	UG/L	
93) 1,3-DICHLOROBENZENE	9.980	146	62605	11.53	UG/L	98
94) P-ISOPROPYLTOLUENE	10.036	119	99302	11.84	UG/L	98
95) 1,4-DICHLOROBENZENE	10.072	146	62600	10.82	UG/L	96
96) 1,2,3-TRIMETHYLBENZENE	10.128	105	109442	10.98	UG/L #	100
97) N-BUTYLBENZENE	10.443	91	78874	11.18	UG/L	95
98) 1,2-DICHLOROBENZENE	10.434	146	62162	11.25	UG/L	99
99) 1,2-DIBROMO-3-CHLOROPR...	11.215	75	8035	10.70	UG/L	89
100) 1,3,5-TRICHLOROBENZENE	11.419	180	38892	11.53	UG/L	100
101) 1,2,4-TRICHLOROBENZENE	12.032	180	32526	10.52	UG/L	97
102) HEXACHLOROBUTADIENE	12.205	225	14795	11.39	UG/L	95
103) NAPHTHALENE	12.275	128	87171	9.41	UG/L	100
104) 1,2,3-TRICHLOROBENZENE	12.512	180	31367	10.38	UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

286

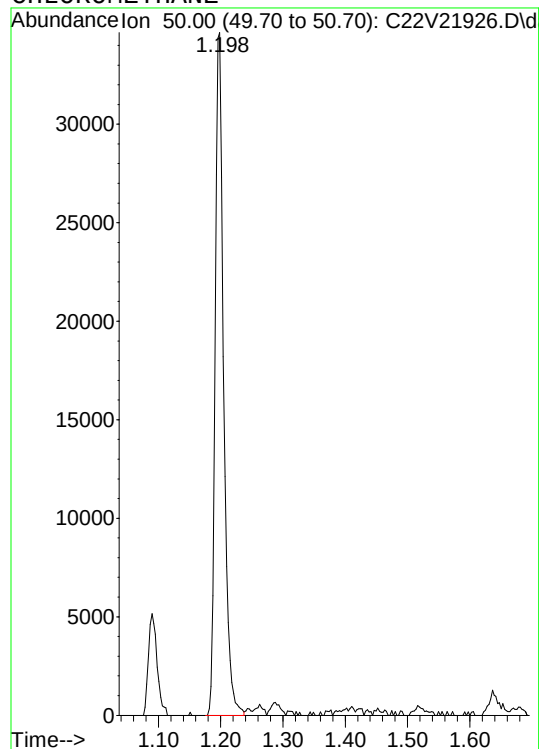
Quant Time: Aug 09 06:49:54 2022
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 09 06:47:59 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21926.D
Acq On : 8 Aug 2022 5:12 pm
Operator :
Sample : ICV 2208129
Misc :

Quant Time : Tue Aug 09 06:49:54 2022
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Tue Aug 09 06:47:59 2022

Original Integration
CHLOROMETHANE



Original Int. Results

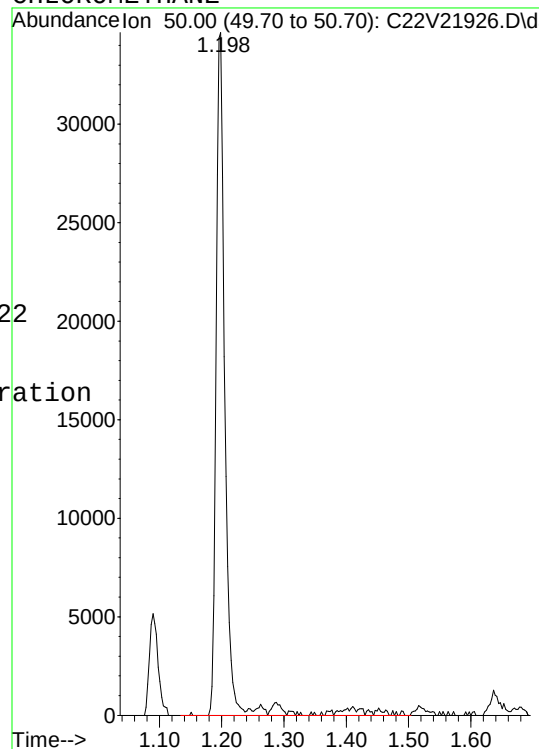
RT : 1.20
Area : 33011
Amount: 7.35473

Manual Int. Results

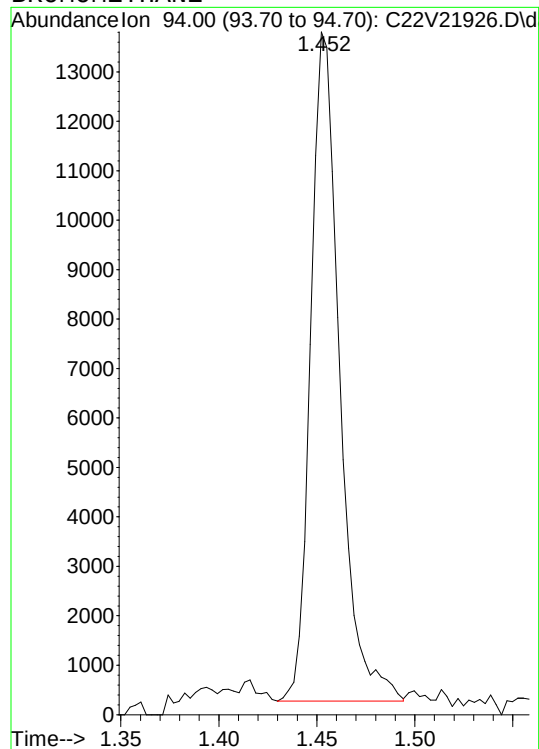
Tue Aug 09 06:49:07 2022

MIuser: EEH
Reason: Incoret Integration
RT : 1.20
Area : 36170
Amount: 8.05854

Manual Integration
CHLOROMETHANE



Original Integration
BROMOMETHANE



Original Int. Results

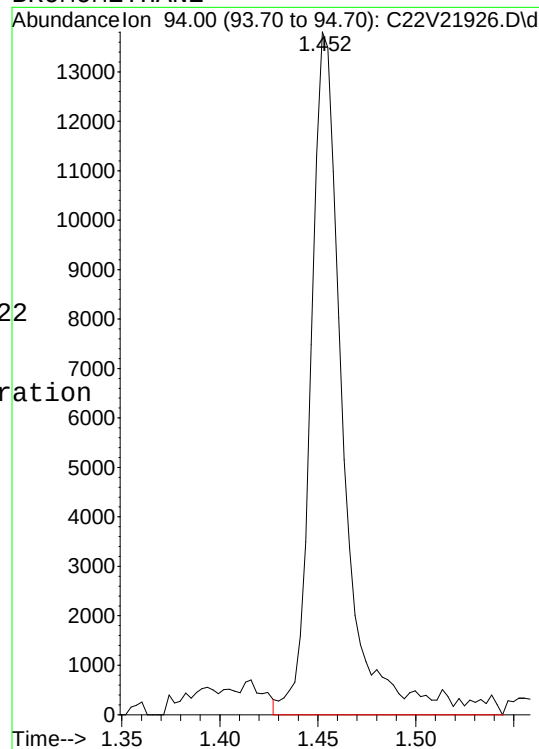
RT : 1.45
Area : 13859
Amount: 7.11414

Manual Int. Results

Tue Aug 09 06:49:20 2022

MIuser: EEH
Reason: Incoret Integration
RT : 1.45
Area : 15899
Amount: 8.16132

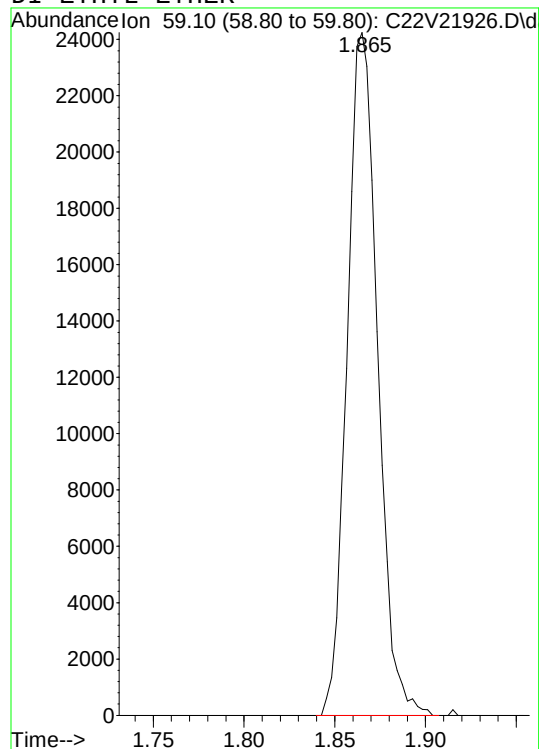
Manual Integration
BROMOMETHANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21926.D
Acq On : 8 Aug 2022 5:12 pm
Operator :
Sample : ICV 2208129
Misc :

Quant Time : Tue Aug 09 06:49:54 2022
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Tue Aug 09 06:47:59 2022

Original Integration
DI ETHYL ETHER



Original Int. Results

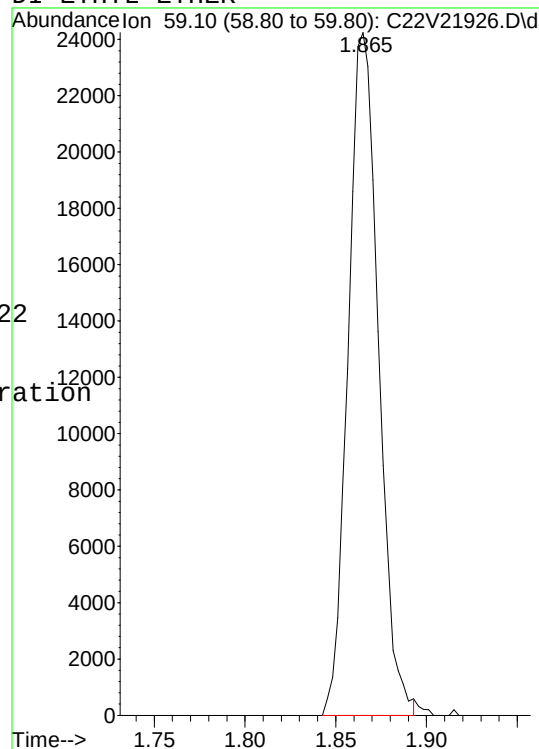
RT : 1.86
Area : 28303
Amount: 12.0481

Manual Int. Results

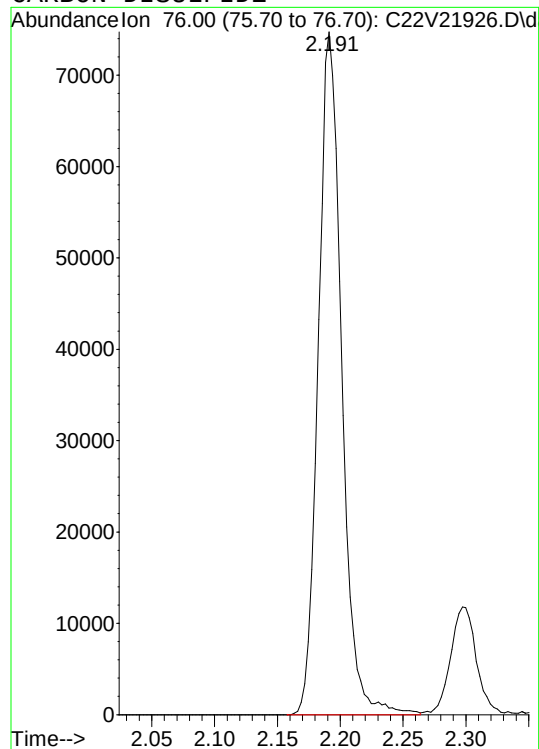
Tue Aug 09 06:49:54 2022

MIuser: EEH
Reason: Incoret Integration
RT : 1.86
Area : 28172
Amount: 11.9924

Manual Integration
DI ETHYL ETHER



Original Integration
CARBON DISULFIDE



Original Int. Results

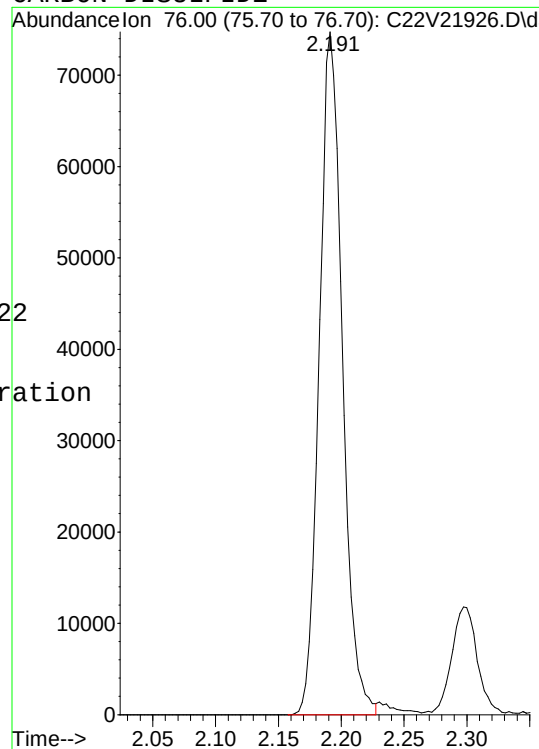
RT : 2.19
Area : 97000
Amount: 12.1458

Manual Int. Results

Tue Aug 09 06:49:28 2022

MIuser: EEH
Reason: Incoret Integration
RT : 2.19
Area : 95591
Amount: 11.9694

Manual Integration
CARBON DISULFIDE

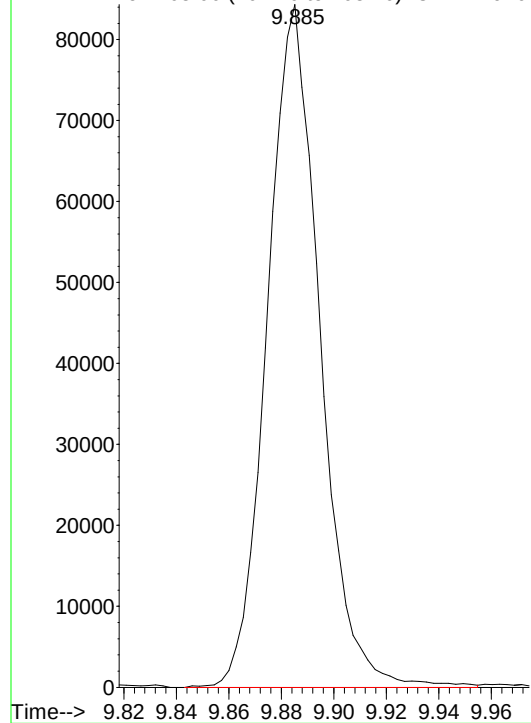


Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21926.D
Acq On : 8 Aug 2022 5:12 pm
Operator :
Sample : ICV 2208129
Misc :

Quant Time : Tue Aug 09 06:49:54 2022
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Tue Aug 09 06:47:59 2022

Original Integration
SEC-BUTYLBENZENE

Abundance on 105.00 (104.70 to 105.70): C22V21926.D



Original Int. Results

RT : 9.89
Area : 117544
Amount: 12.0487

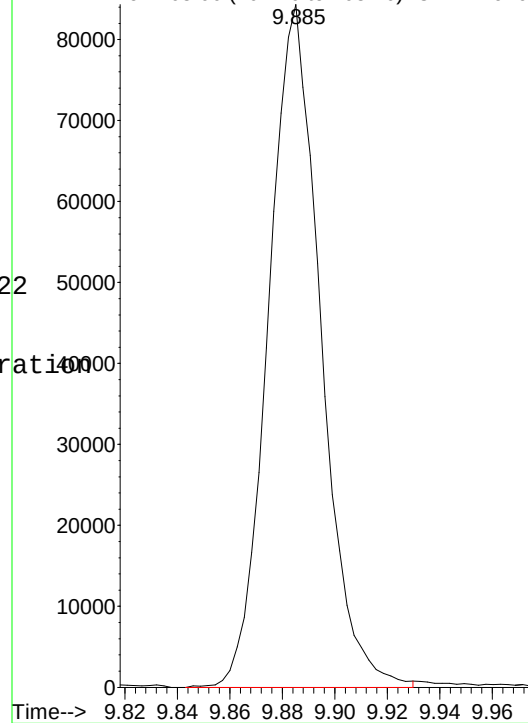
Manual Int. Results

Tue Aug 09 06:49:35 2022

MIuser: EEH
Reason: Incoret Integration
RT : 9.89
Area : 116837
Amount: 11.9763

Manual Integration
SEC-BUTYLBENZENE

Abundance on 105.00 (104.70 to 105.70): C22V21926.D



INITIAL CALIBRATION STANDARDS

290

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Sequence:	S092419	Instrument:	GCMSVOA2
Calibration:	2301046		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
2007196	8260 STD 10PPB CLP	S092419-TUN1	B23V23404.D	08/22/23 11:59
2006160	0.4ppb 8260 Calibration Standard	S092419-CAL1	B23V23405.D	08/22/23 12:25
2006161	0.5ppb 8260 Calibration Standard	S092419-CAL2	B23V23406.D	08/22/23 12:51
2006162	1ppb 8260 Calibration Standard	S092419-CAL3	B23V23407.D	08/22/23 13:17
2006163	2ppb 8260 Calibration Standard	S092419-CAL4	B23V23408.D	08/22/23 13:43
2006164	5ppb 8260 Calibration Standard	S092419-CAL5	B23V23409.D	08/22/23 14:09
2006165	10ppb 8260 Calibration Standard	S092419-CAL6	B23V23410.D	08/22/23 14:36
2006166	20ppb 8260 Calibration Standard	S092419-CAL7	B23V23411.D	08/22/23 15:02
2006167	50ppb 8260 Calibration Standard	S092419-CAL8	B23V23412.D	08/22/23 15:28
2006168	100ppb 8260 Calibration Standard	S092419-CAL9	B23V23413.D	08/22/23 15:54
2006169	200ppb 8260 Calibration Standard	S092419-CALA	B23V23414.D	08/22/23 16:20
2006167	50ppb 8260 Calibration Standard	S092419-CAL8	B23V23415.D	08/22/23 16:46
2006168	100ppb 8260 Calibration Standard	S092419-CAL9	B23V23416.D	08/22/23 17:12
2006169	200ppb 8260 Calibration Standard	S092419-CALA	B23V23417.D	08/22/23 17:38

C:\msdchem\1\data\B082223\

Date		Filename	Lab ID	Sample Info
22 Aug 2023	10:41 am	B23V23401.D	CLEAN UP	
22 Aug 2023	11:07 am	B23V23402.D	CLEAN UP	
22 Aug 2023	11:33 am	B23V23403.D	CLEAN UP	
22 Aug 2023	11:59 am	B23V23404.D	BFB (IS/SURR: 2303317)	
22 Aug 2023	12:25 pm	B23V23405.D	8260 STD 0.4 PPB (2307733)	
22 Aug 2023	12:51 pm	B23V23406.D	8260 STD 0.5 PPB (2307733)	
22 Aug 2023	1:17 pm	B23V23407.D	8260 STD 1.0 PPB (2307733)	
22 Aug 2023	1:43 pm	B23V23408.D	8260 STD 2.0 PPB (2307733)	
22 Aug 2023	2:09 pm	B23V23409.D	8260 STD 5.0 PPB (2307733)	
22 Aug 2023	2:36 pm	B23V23410.D	8260 STD 10 PPB (2307733)	
22 Aug 2023	3:02 pm	B23V23411.D	8260 STD 20 PPB (2307733)	
22 Aug 2023	3:28 pm	B23V23412.D	8260 STD 50 PPB	
22 Aug 2023	3:54 pm	B23V23413.D	8260 STD 100 PPB	
22 Aug 2023	4:20 pm	B23V23414.D	8260 STD 200 PPB	
22 Aug 2023	4:46 pm	B23V23415.D	8260 ETOH 500 PPB	
22 Aug 2023	5:12 pm	B23V23416.D	8260 ETOH 1000 PPB	
22 Aug 2023	5:38 pm	B23V23417.D	8260 ETOH 2000 PPB	
22 Aug 2023	6:04 pm	B23V23418.D	CLEAN UP	
22 Aug 2023	6:30 pm	B23V23419.D	CLEAN UP	
22 Aug 2023	6:56 pm	B23V23420.D	ICV (2303580)	
22 Aug 2023	7:22 pm	B23V23421.D	ICVD (2303580)	
22 Aug 2023	7:48 pm	B23V23422.D	CLEAN UP	
22 Aug 2023	8:14 pm	B23V23423.D	CLEAN UP	

Response Factor Report GCMSVOA2

Method Path : C:\msdchem\1\methods\
Method File : B082223W.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Wed Aug 23 10:01:15 2023
Response Via : Initial Calibration

Calibration Files

0.4 =B23V23405.D 0.5 =B23V23406.D 1.0 =B23V23407.D 2.0 =B23V23408.D 5.0 =B23V23409.D 10 =B23V23410.D 20 =B23V23411.D
50 =B23V23412.D 100 =B23V23413.D 200 =B23V23414.D

Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD

1) I PENTAFLUOROBENZENE...												
2) S 1,2-DICHLOROET...	0.590	0.613	0.629	0.637	0.638	0.622	0.626	0.619	0.634	0.635	0.624	2.33
3) T DICHLORODIFLOU...	0.506	0.402	0.446	0.497	0.512	0.535	0.574	0.534	0.542	0.527	0.508	9.85
4) DIFLUOROCOLORO...	0.627	0.663	0.717	0.751	0.796	0.830	0.886	0.818	0.841	0.829	0.776	10.80
5) P CHLOROMETHANE	0.875	0.830	0.934	0.969	0.937	0.958	0.992	0.860	0.916	0.945	0.922	5.59
6) C VINYL CHLORIDE	0.579	0.520	0.578	0.622	0.660	0.701	0.755	0.660	0.689	0.681	0.644	10.82#
7) T BROMOMETHANE				0.346	0.290	0.287	0.260	0.310	0.292	0.258	0.292	10.42
8) CHLOROETHANE	0.398	0.315	0.385	0.352	0.350	0.369	0.383	0.350	0.357	0.313	0.357	7.88
9) FLUORODICHLORO...	0.802	0.694	0.760	0.784	0.794	0.858	0.902	0.836	0.865	0.856	0.815	7.47
10) T TRICHLOROFLUOR...	0.566	0.503	0.544	0.614	0.662	0.696	0.727	0.692	0.716	0.705	0.643	12.45
11) ETHANOL					0.009	0.008	0.008	0.010	0.011	0.010	0.009	10.72
12) T DI ETHYL ETHER	0.325	0.291	0.339	0.355	0.359	0.375	0.390	0.379	0.396	0.385	0.359	9.26
13) ACROLEIN	0.124	0.106	0.115	0.112	0.114	0.117	0.120	0.116	0.123	0.118	0.117	4.62
14) T ACETONE	0.200	0.179	0.178	0.184	0.198	0.193	0.193	0.197	0.187	0.177	0.189	4.66
15) C 1,1-DICHLOROET...	0.688	0.583	0.633	0.693	0.718	0.758	0.826	0.750	0.774	0.758	0.718	9.96#
16) 1,1,2-TRICL-1,...	0.355	0.271	0.351	0.372	0.400	0.417	0.444	0.419	0.424	0.426	0.388	13.42
17) IODOMETHANE				0.453	0.520	0.599	0.654	0.723	0.652	0.679	0.616	14.42
18) METHYL ACETATE				0.489	0.504	0.571	0.569	0.566	0.578	0.562	0.546	6.11
19) T-BUTYL ALCOHOL				0.057	0.059	0.063	0.066	0.067	0.070	0.066	0.063	9.14
20) ACRYLONITRILE				0.188	0.216	0.235	0.244	0.262	0.254	0.269	0.253	11.07
21) METHYLENE CHLO...	0.840	0.750	0.817	0.797	0.839	0.838	0.894	0.825	0.853	0.838	0.829	4.51
22) CARBON DISULFIDE	1.073	0.982	1.076	1.127	1.193	1.235	1.356	1.068	1.102	1.071	1.128	9.45
23) T METHYL TERT-BU...	1.105	0.970	1.164	1.172	1.255	1.301	1.363	1.330	1.382	1.361	1.240	10.86
24) T TRANS 1,2-DICH...	0.691	0.564	0.669	0.679	0.731	0.780	0.831	0.749	0.799	0.775	0.727	10.78
25) P 1,1-DICHLOROET...	0.817	0.727	0.811	0.880	0.939	0.944	1.039	0.974	1.022	1.005	0.916	11.32
26) VINYL ACETATE	1.377	1.255	1.442	1.390	1.394	1.570	1.630	1.536	1.631	1.550	1.477	8.43
27) DI ISOPROPYL E...	1.972	1.681	1.918	1.947	2.077	2.168	2.262	2.103	2.190	2.121	2.044	8.27
28) T 2-BUTANONE	0.271	0.265	0.276	0.281	0.300	0.308	0.316	0.312	0.320	0.303	0.295	6.75
29) T T-BUTYL ETHYL ...	1.490	1.240	1.540	1.560	1.617	1.698	1.778	1.702	1.762	1.743	1.613	10.21
30) T CIS-1,2-DICHL...	0.703	0.673	0.734	0.823	0.846	0.885	0.926	0.870	0.900	0.889	0.825	10.85
31) 2,2-DICHLOROPR...	0.632	0.578	0.641	0.658	0.690	0.720	0.754	0.746	0.749	0.744	0.691	8.87
32) ETHYL ACETATE				0.744	0.820	0.802	0.837	0.780	0.756	0.740	0.783	4.87
33) BROMOCHLOROMET...				0.200	0.231	0.232	0.248	0.262	0.250	0.226	0.237	8.25
34) T TETRAHYDROFURAN				0.213	0.225	0.227	0.231	0.241	0.225	0.227	0.228	3.67
35) T-BUTYL FORMATE											0.000	-1.00
36) C CHLOROFORM	0.711	0.626	0.692	0.750	0.831	0.817	0.876	0.868	0.891	0.879	0.794	11.73#
37) T 1,1,1-TRICHLOR...	0.648	0.538	0.661	0.689	0.752	0.772	0.832	0.787	0.822	0.819	0.732	13.05
38) CYCLOHEXANE				1.299	1.161	1.160	1.225	1.077	1.079	1.061	1.152	7.63
39) T CARBON TETRACH...	0.697	0.658	0.675	0.661	0.696	0.684	0.747	0.722	0.755	0.742	0.704	5.09
40) 1,1-DICHLOROPR...	0.679	0.572	0.603	0.650	0.670	0.700	0.744	0.695	0.722	0.708	0.674	7.91
41) T BENZENE	1.717	1.567	1.694	1.805	1.896	1.914	2.102	1.953	2.052	2.024	1.872	9.26

Response Factor Report GCMSV0A2

[illegible]

Response Factor Report GCMSVOA2

Method Path : C:\msdchem\1\methods\ Method File : B082223W.M														
Title : 8260 CALIBRATION VOAMS 5973														
90)	T	1,4-DICHLOROBE...	1.279	1.133	1.232	1.277	1.314	1.332	1.372	1.336	1.337	1.339	1.295	5.39
91)		1,2,3-TRIMETHY...	2.227	1.964	2.206	2.219	2.350	2.382	2.440	2.336	2.350	2.344	2.282	5.93
92)	T	N-BUTYLBENZENE	1.911	1.611	1.867	1.957	2.113	2.220	2.326	2.222	2.252	2.213	2.069	10.89
93)	T	1,2-DICHLOROBE...	1.051	0.910	1.087	1.110	1.188	1.213	1.255	1.218	1.219	1.203	1.145	9.27
94)		1,2-DIBROMO-3-...	0.086	0.101	0.086	0.101	0.121	0.116	0.120	0.122	0.122	0.117	0.113	11.36
95)		1,3,5-TRICHLOR...	0.732	0.667	0.713	0.746	0.824	0.831	0.882	0.834	0.856	0.831	0.792	9.00
96)	T	1,2,4-TRICHLOR...	0.522	0.539	0.604	0.638	0.680	0.714	0.733	0.716	0.728	0.700	0.657	11.92
97)	T	HEXACHLOROBUTA...	0.216	0.276	0.276	0.282	0.307	0.321	0.345	0.328	0.337	0.321	0.304	13.19
98)	T	NAPHTHALENE	1.501	1.291	1.530	1.523	1.668	1.686	1.714	1.732	1.747	1.627	1.602	8.85
99)		1,2,3-TRICHLOR...	0.408	0.449	0.501	0.513	0.555	0.569	0.588	0.576	0.584	0.534	0.528	11.48

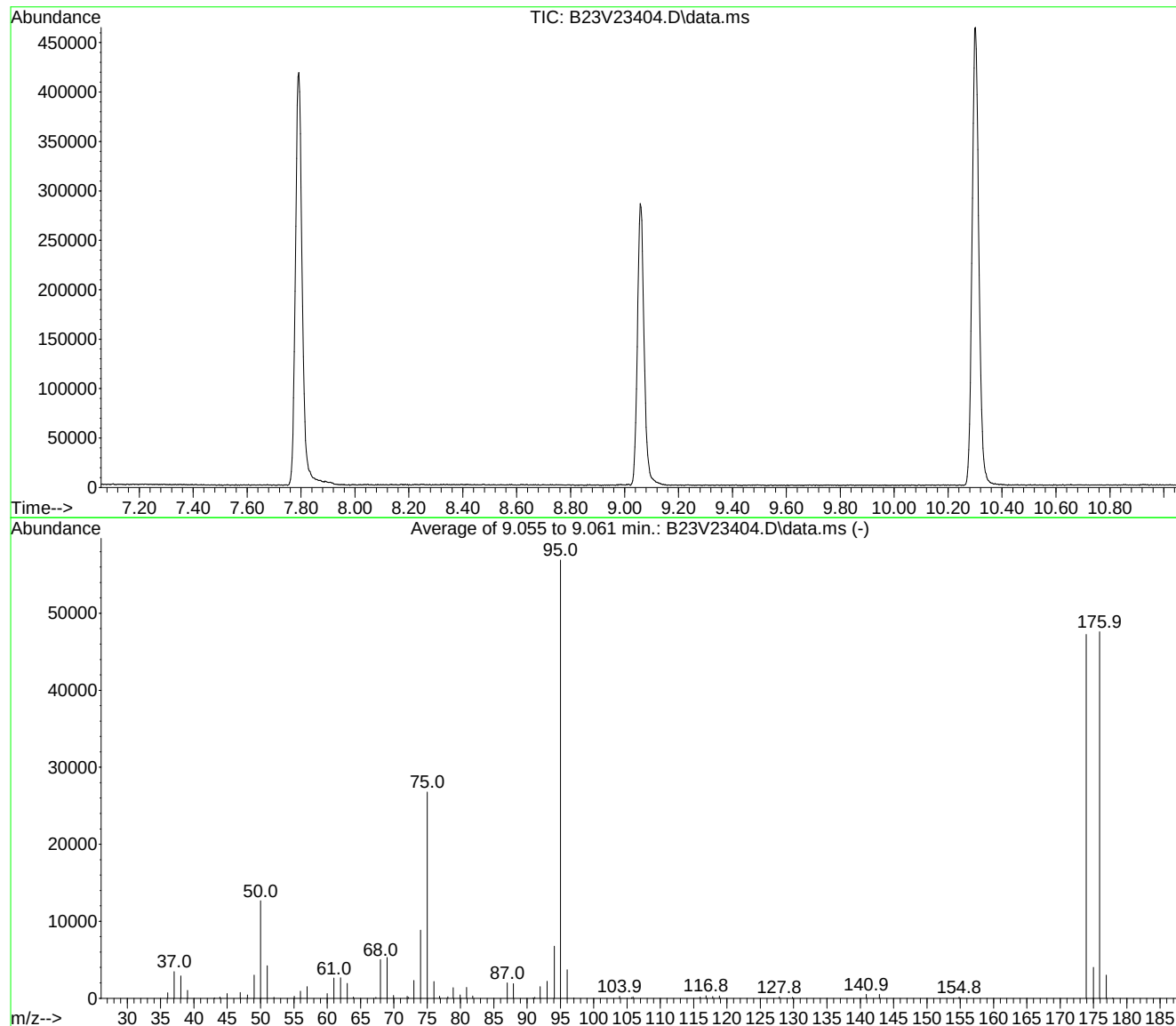
(#) = Out of Range

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23404.D
Acq On : 22 Aug 2023 11:59 am
Operator :
Sample : BFB (IS/SURR: 2303317)
Misc :
ALS Vial : 4 Sample Multiplier: 1

295

Integration File: 8260LOW.P

Method : C:\msdchem\1\methods\B052523W-TEST.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Fri Aug 18 14:26:27 2023



AutoFind: Scans 2966, 2967, 2968; Background Corrected with Scan 2952

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.3	12661	PASS
75	95	30	60	47.1	26784	PASS
95	95	100	100	100.0	56899	PASS
96	95	5	9	6.5	3698	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	83.1	47267	PASS
175	174	5	9	8.5	4009	PASS
176	174	95	101	100.7	47608	PASS
177	176	5	9	6.3	3012	PASS

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23405.D
 Acq On : 22 Aug 2023 12:25 pm
 Operator :
 Sample : 8260 STD 0.4 PPB (2307733)
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 12:47:07 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.974	168	142726	30.00	UG/L	-0.02
44) 1,4-DIFLUOROBENZENE - ...	4.732	114	240946	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	127151	30.00	UG/L	-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.301	152	136034	30.00	UG/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.267	65	70162	23.11	UG/L	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.44%		
45) TOLUENE-D8 SS	6.266	98	245533	26.52	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	106.08%		
66) 4-BROMOFLUOROBENZENE SS	9.058	95	100178	28.84	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	115.36%		
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.012	85	962	0.37	UG/L #	43
4) DIFLUOROCHLOROMETHANE	1.024	51	1194	0.33	UG/L #	65
5) CHLOROMETHANE	1.116	50	1665	0.36	UG/L	93
6) VINYL CHLORIDE	1.174	62	1102	0.27	UG/L #	43
7) BROMOMETHANE	1.353	94	1157	0.31	UG/L	95
8) CHLOROETHANE	1.414	64	757	0.27	UG/L	89
9) FLUORODICHLOROMETHANE	1.523	67	1527	0.24	UG/L #	76
10) TRICHLOROFLUOROMETHANE	1.553	101	1078	0.17	UG/L	91
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.724	59	618	0.30	UG/L #	15
13) ACROLEIN	1.816	56	2360	4.02	UG/L #	66
14) ACETONE	1.921	43	3814	3.35	UG/L	97
15) 1,1-DICHLOROETHENE	1.871	61	1309	0.26	UG/L #	77
16) 1,1,2-TRICL-1,2,2-TRIF...	1.869	101	675	0.21	UG/L #	10
17) IODOMETHANE	1.983	142	7496	1.22	UG/L	91
18) METHYL ACETATE	0.000		0	N.D.	d	
19) T-BUTYL ALCOHOL	0.000		0	N.D.	d	
20) ACRYLONITRILE	2.429	53	291m	0.29	UG/L	
21) METHYLENE CHLORIDE	2.220	49	1598	0.33	UG/L	93
22) CARBON DISULFIDE	2.025	76	20414	2.26	UG/L	100
23) METHYL TERT-BUTYL ETHE...	2.432	73	2102	0.34	UG/L	91
24) TRANS 1,2-DICHLOROETHENE	2.432	61	1315	0.39	UG/L #	77
25) 1,1-DICHLOROETHANE	2.811	63	1555	0.35	UG/L #	52
26) VINYL ACETATE	2.875	43	26195	4.52	UG/L	98
27) DI ISOPROPYL ETHER	2.872	45	3752	0.42	UG/L #	58
28) 2-BUTANONE	3.464	43	5160	3.99	UG/L #	85
29) T-BUTYL ETHYL ETHER	3.254	59	2836	0.41	UG/L #	68
30) CIS-1,2-DICHLOROETHENE	3.416	61	1338	0.33	UG/L #	75
31) 2,2-DICHLOROPROPANE	3.399	77	1202	0.34	UG/L #	48
32) ETHYL ACETATE	0.000		0	N.D.		
33) BROMOCHLOROMETHANE	3.659	128	254m	0.24	UG/L	
34) TETRAHYDROFURAN	0.000		0	N.D.	d	
35) T-BUTYL FORMATE	0.000		0	N.D.		
36) CHLOROFORM	3.759	83	1353	0.31	UG/L	86
37) 1,1,1-TRICHLOROETHANE	3.918	97	1234	0.32	UG/L #	61
38) CYCLOHEXANE	3.968	56	4752	1.03	UG/L #	61
39) CARBON TETRACHLORIDE	4.085	117	1327	0.36	UG/L	82
40) 1,1-DICHLOROPROPENE	4.097	75	1292	0.40	UG/L #	42
41) BENZENE	4.303	78	3267	0.37	UG/L	98
42) T-AMYL ALCOHOL	0.000		0	N.D.		
43) T-AMYLMETHYL ETHER	4.440	73	2179	0.36	UG/L #	80
46) 1,2-DICHLOROETHANE	4.342	62	1022	0.26	UG/L #	48
47) TRICHLOROETHENE	4.989	95	847	0.31	UG/L #	76
48) METHYLCYCLOHEXANE	5.165	83	1481m	0.35	UG/L	
49) 1,2-DICHLOROPROPANE	5.223	63	798	0.05	UG/L #	83
50) DIBROMOMETHANE	5.352	93	304m	0.17	UG/L	
51) 1,4-DIOXANE	0.000		0	N.D.		
52) BROMODICHLOROMETHANE	5.533	83	1028	0.28	UG/L #	95

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23405.D
 Acq On : 22 Aug 2023 12:25 pm
 Operator :
 Sample : 8260 STD 0.4 PPB (2307733)
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 12:47:07 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

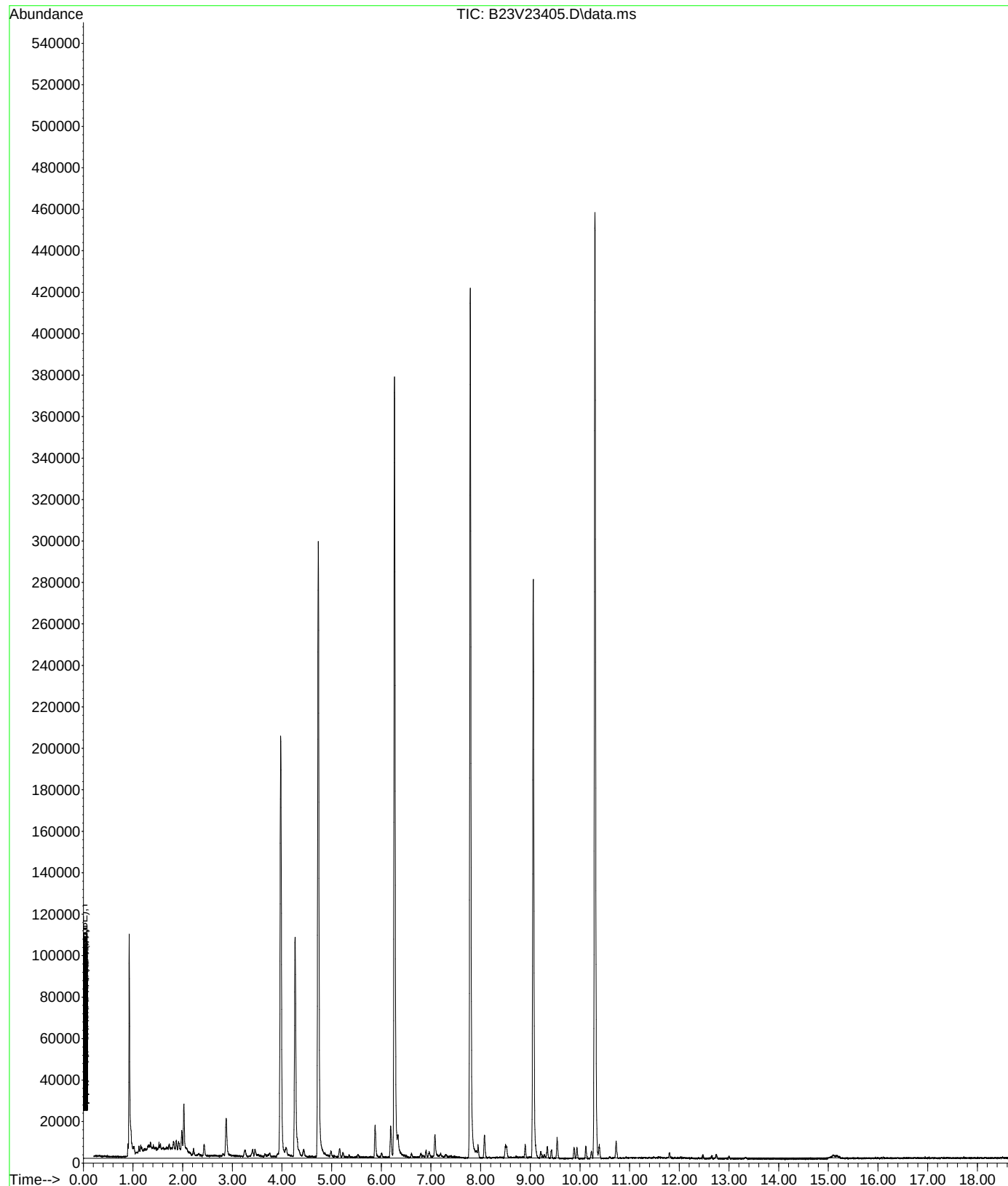
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2-CHLOROETHYL VINYLETHER	5.876	63	6202	3.52	UG/L	90
54) MIBK	6.185	43	11234	3.79	UG/L	99
55) CIS-1,3-DICHLOROPROPENE	6.010	75	1256	0.31	UG/L #	60
56) TOLUENE	6.339	91	4123	0.42	UG/L	91
57) TRANS-1,3,-DICHLOROPRO...	6.606	75	1072	0.32	UG/L #	60
58) ETHYL METHACRYLATE	0.000		0	N.D.	d	
59) 1,1,2-TRICHLOROETHANE	6.788	97	637	0.32	UG/L #	13
60) 2-HEXANONE	7.080	43	8565	4.21	UG/L #	93
61) TETRACHLOROETHENE	6.902	164	742	0.36	UG/L #	89
62) 1,3-DICHLOROPROPANE	6.966	76	1282	0.38	UG/L #	76
63) DIBROMOCHLOROMETHANE	7.200	129	921	0.38	UG/L #	78
64) 1,2-DIBROMOETHANE	7.304	107	706	0.34	UG/L #	2
67) CHLOROBENZENE	7.819	112	2497	0.34	UG/L #	48
68) 1,1,1,2-TETRACHLOROETHANE	7.923	131	800	0.33	UG/L #	63
69) ETHYLBENZENE	7.948	91	4470	0.37	UG/L	95
70) M/P-XYLENES	8.079	91	7031	0.70	UG/L	100
71) O-XYLENE	8.500	91	3576	0.37	UG/L	99
72) STYRENE	8.519	104	2742	0.35	UG/L #	55
73) BROMOFORM	8.723	173	392m	0.21	UG/L	
74) ISOPROPYLBENZENE	8.899	105	4958	0.43	UG/L	96
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	d	
76) 1,1,2,2-TETRACHLOROETHANE	9.253	83	894	0.28	UG/L #	94
77) 1,4-DICHLORO-2-BUTENE(...	9.317	53	275m	0.26	UG/L	
78) BROMOBENZENE	9.208	77	1686	0.39	UG/L	89
79) 1,2,3-TRICHLOROPROPANE	9.286	110	301m	0.35	UG/L	
80) N-PROPYLBENZENE	9.342	91	5413	0.39	UG/L	99
81) 2-CHLOROTOLUENE	9.420	91	3213	0.40	UG/L #	41
82) 1,3,5-TRIMETHYLBENZENE	9.537	105	3732	0.38	UG/L	97
83) 4-CHLOROTOLUENE	9.548	91	3575	0.38	UG/L	98
85) TERT-BUTYLBENZENE	9.880	119	3285	0.40	UG/L	94
86) 1,2,4-TRIMETHYLBENZENE	9.939	105	3905	0.40	UG/L	98
87) SEC-BUTYLBENZENE	10.117	105	4853	0.40	UG/L	98
88) 1,3-DICHLOROBENZENE	10.229	146	2086	0.39	UG/L	97
89) P-ISOPROPYLTOLUENE	10.285	119	4326	0.42	UG/L	96
90) 1,4-DICHLOROBENZENE	10.326	146	2319	0.39	UG/L #	65
91) 1,2,3-TRIMETHYLBENZENE	10.391	105	4040	0.41	UG/L #	100
92) N-BUTYLBENZENE	10.725	91	3466	0.38	UG/L	97
93) 1,2-DICHLOROBENZENE	10.731	146	1906	0.36	UG/L	96
94) 1,2-DIBROMO-3-CHLOROPR...	0.000		0	N.D.		
95) 1,3,5-TRICHLOROBENZENE	11.799	180	1327	0.46	UG/L	82
96) 1,2,4-TRICHLOROBENZENE	12.476	180	946	0.45	UG/L #	85
97) HEXACHLOROBUTADIENE	12.655	225	416m	0.43	UG/L	
98) NAPHTHALENE	12.747	128	2723	0.50	UG/L #	69
99) 1,2,3-TRICHLOROBENZENE	13.004	180	740m	0.45	UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :
ALS Vial : 5 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 12:47:07 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



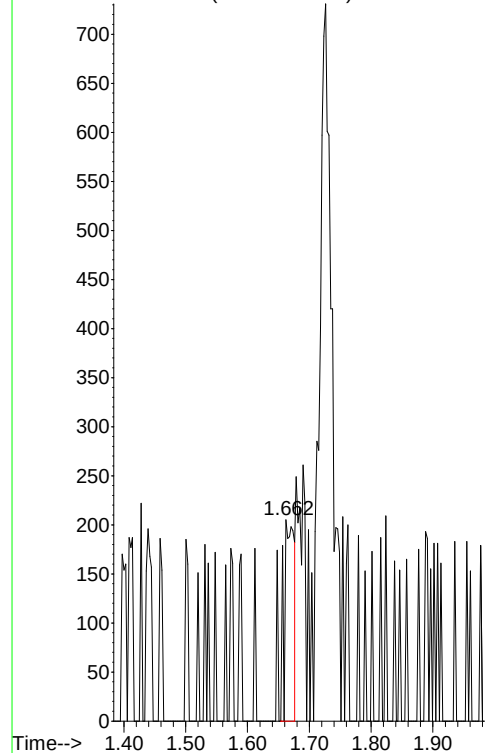
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

ETHANOL

Abundance Ion 45.10 (44.80 to 45.80): B23V23405.D



Original Int. Results

RT : 1.66
Area : 223
Amount: 4.71149

Manual Int. Results

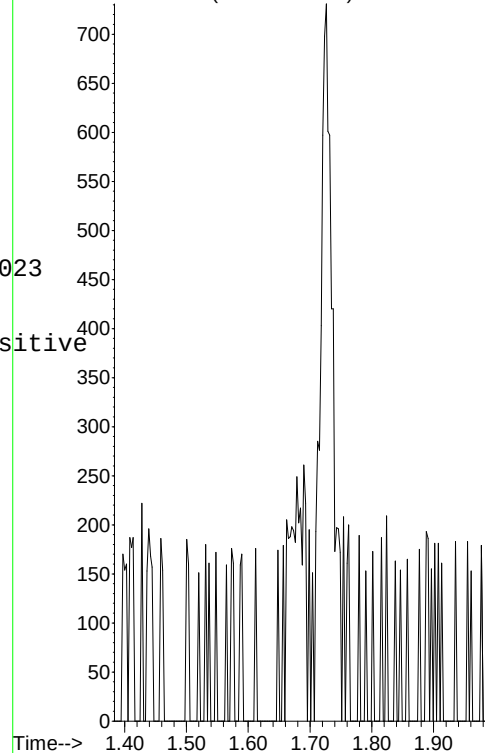
Tue Aug 22 12:48:13 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHANOL

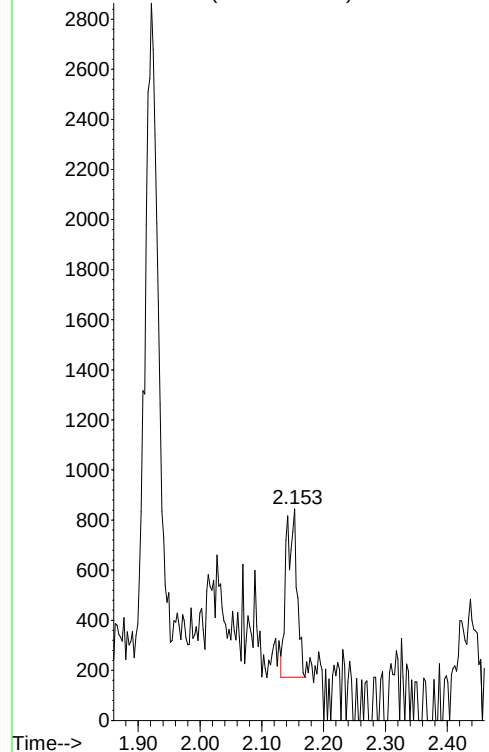
Abundance Ion 45.10 (44.80 to 45.80): B23V23405.D



Original Integration

METHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23405.D



Original Int. Results

RT : 2.15
Area : 790
Amount: 0.25712

Manual Int. Results

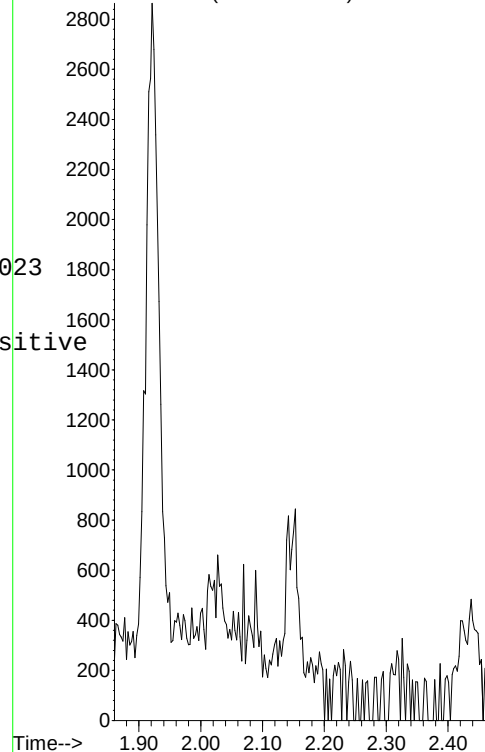
Tue Aug 22 12:48:43 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

METHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23405.D



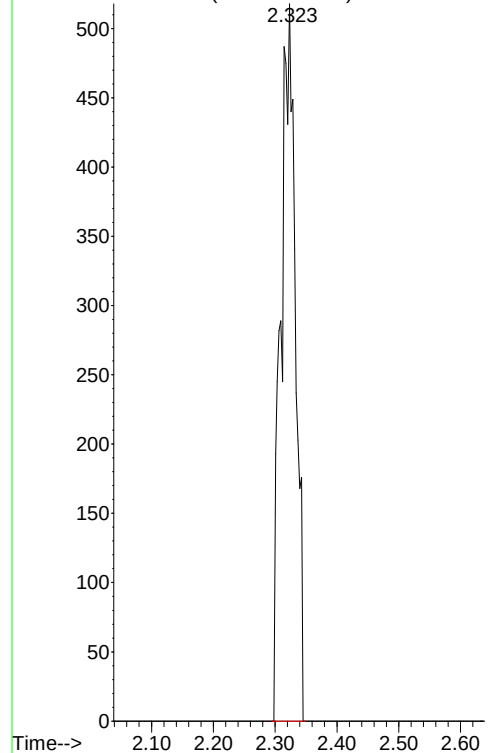
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

T-BUTYL ALCOHOL

Abundance Ion 59.10 (58.80 to 59.80): B23V23405.D



Original Int. Results

RT : 2.32
Area : 867
Amount: 3.26802

Manual Int. Results

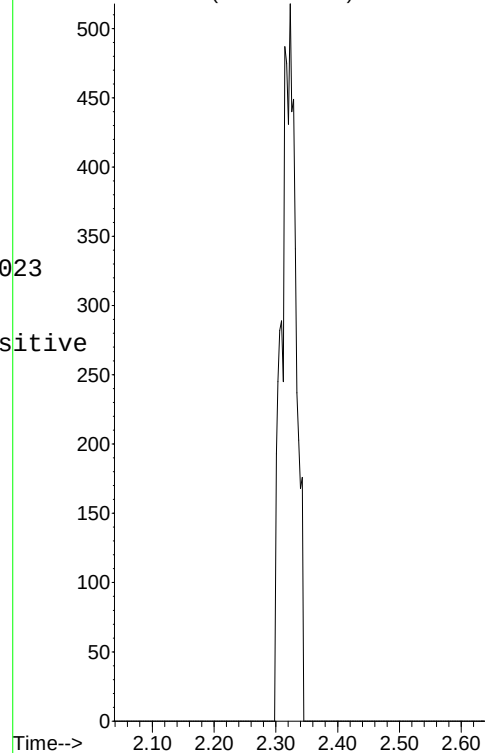
Tue Aug 22 12:48:47 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL ALCOHOL

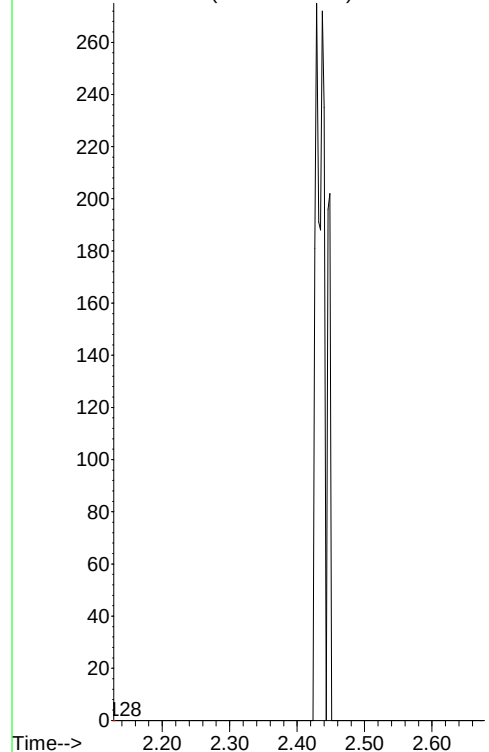
Abundance Ion 59.10 (58.80 to 59.80): B23V23405.D



Original Integration

ACRYLONITRILE

Abundance Ion 53.10 (52.80 to 53.80): B23V23405.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

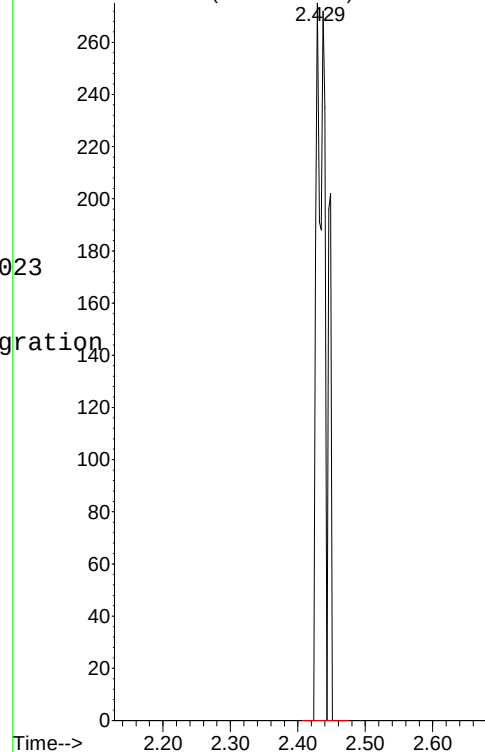
Tue Aug 22 12:48:51 2023

MIuser: LBD
Reason: Incorret Integration
RT : 2.43
Area : 291
Amount: 0.294459

Manual Integration

ACRYLONITRILE

Abundance Ion 53.10 (52.80 to 53.80): B23V23405.D

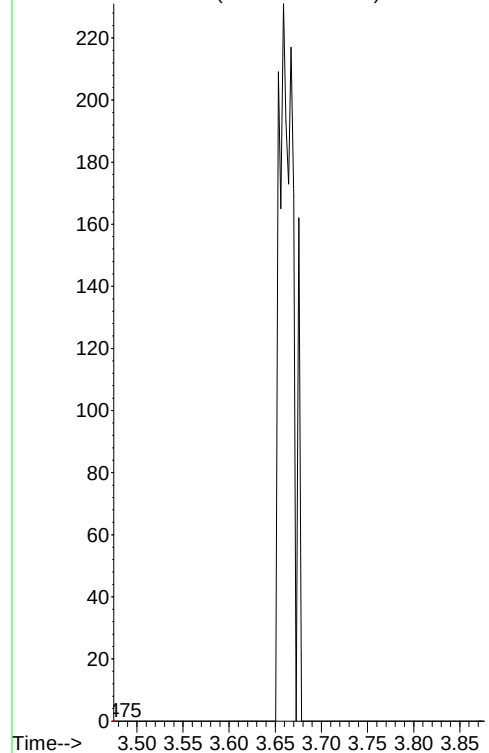


Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
BROMOCHLOROMETHANE

Abundance Ion 127.90 (127.60 to 128.60): B23V23405



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

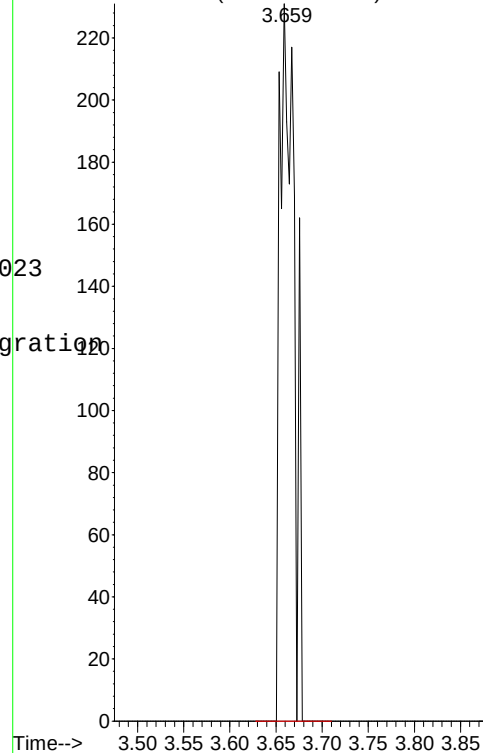
Manual Int. Results

Tue Aug 22 12:49:44 2023

MIuser: LBD
Reason: Incorrect Integration
RT : 3.66
Area : 254
Amount: 0.237101

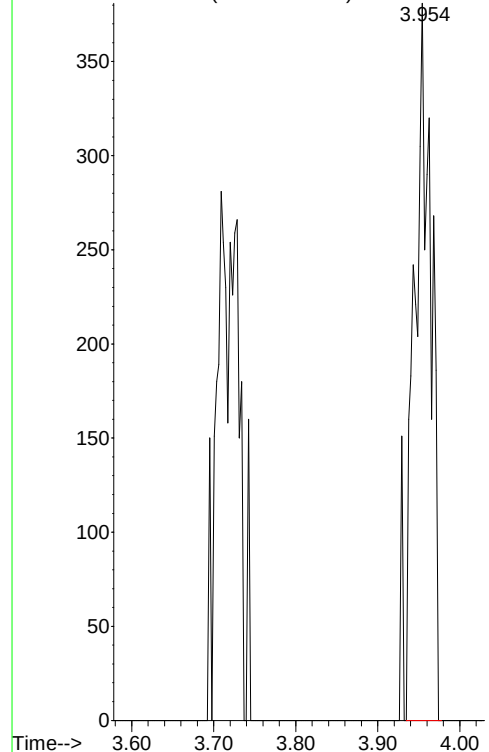
Manual Integration
BROMOCHLOROMETHANE

Abundance Ion 127.90 (127.60 to 128.60): B23V23405



Original Integration
TETRAHYDROFURAN

Abundance Ion 42.10 (41.80 to 42.80): B23V23405.D



Original Int. Results

RT : 3.95
Area : 530
Amount: 0.602649

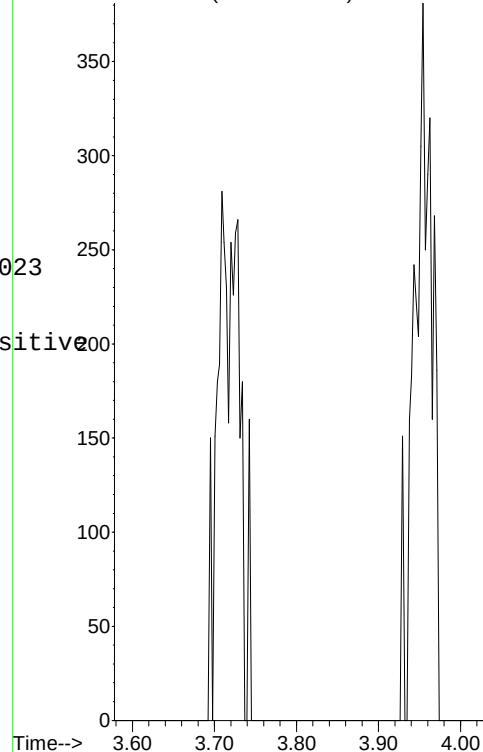
Manual Int. Results

Tue Aug 22 12:49:48 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
TETRAHYDROFURAN

Abundance Ion 42.10 (41.80 to 42.80): B23V23405.D

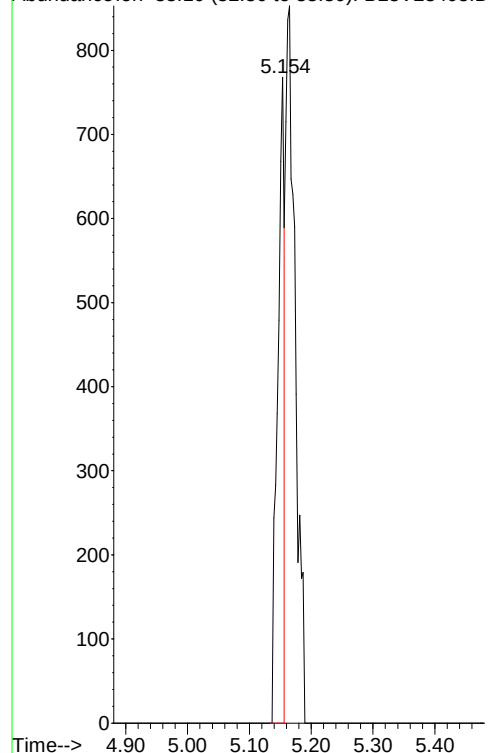


Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
METHYLCYCLOHEXANE

Abundance Ion 83.10 (82.80 to 83.80): B23V23405.D



Original Int. Results

RT : 5.15
Area : 569
Amount: 0.134867

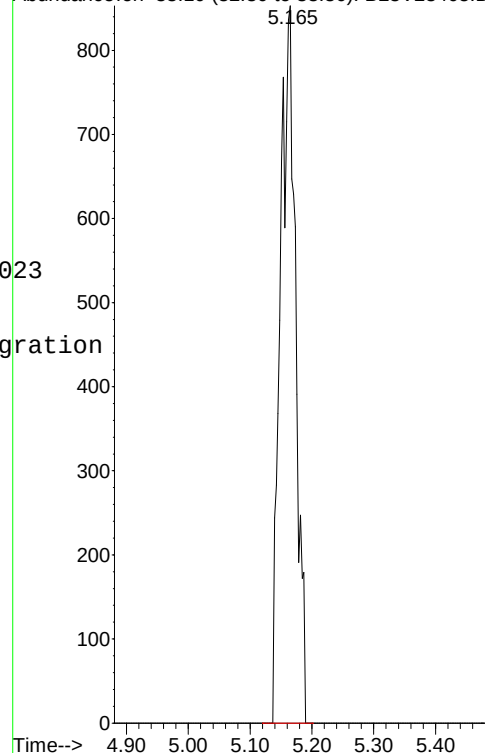
Manual Int. Results

Tue Aug 22 12:50:31 2023

MIuser: LBD
Reason: Incorret Integration
RT : 5.16
Area : 1481
Amount: 0.351033

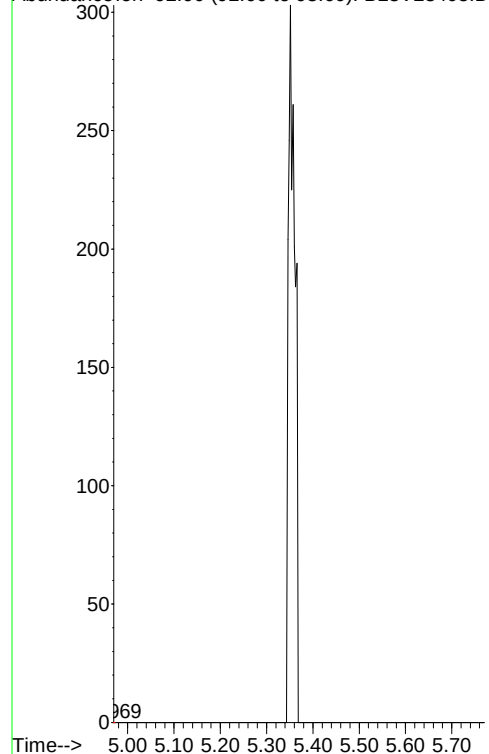
Manual Integration
METHYLCYCLOHEXANE

Abundance Ion 83.10 (82.80 to 83.80): B23V23405.D



Original Integration
DIBROMOMETHANE

Abundance Ion 92.90 (92.60 to 93.60): B23V23405.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

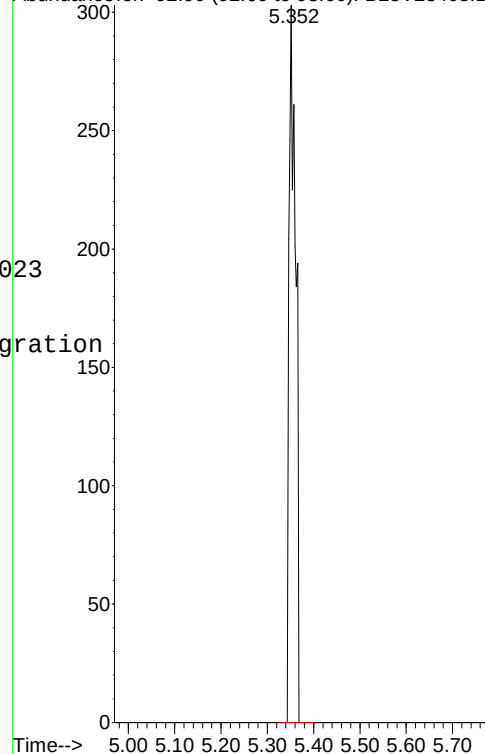
Manual Int. Results

Tue Aug 22 12:50:37 2023

MIuser: LBD
Reason: Incorret Integration
RT : 5.35
Area : 304
Amount: 0.171827

Manual Integration
DIBROMOMETHANE

Abundance Ion 92.90 (92.60 to 93.60): B23V23405.D



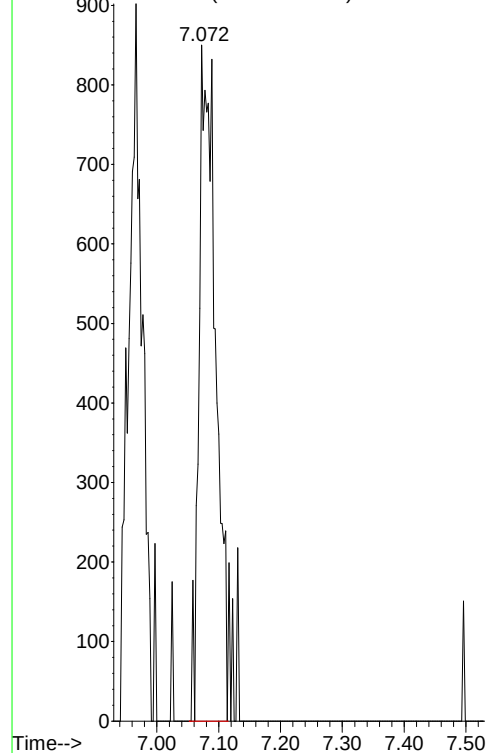
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

ETHYL METHACRYLATE

Abundance Ion 41.10 (40.80 to 41.80): B23V23405.D



Original Int. Results

RT : 7.07
Area : 1579
Amount: 0

Manual Int. Results

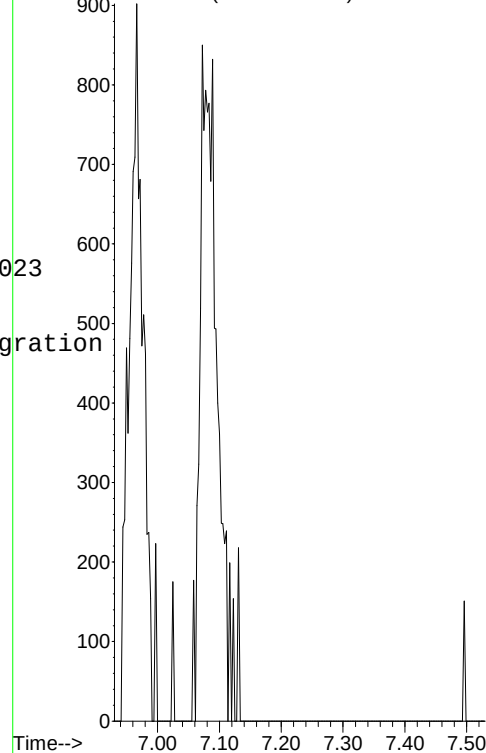
Tue Aug 22 12:50:48 2023

MIuser: LBD
Reason: Incorret Integration
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL METHACRYLATE

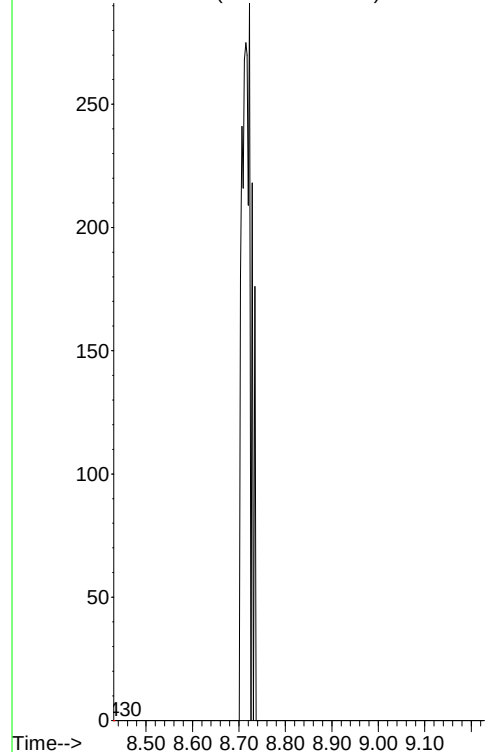
Abundance Ion 41.10 (40.80 to 41.80): B23V23405.D



Original Integration

BROMOFORM

Abundance Ion 172.80 (172.50 to 173.50): B23V23405



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

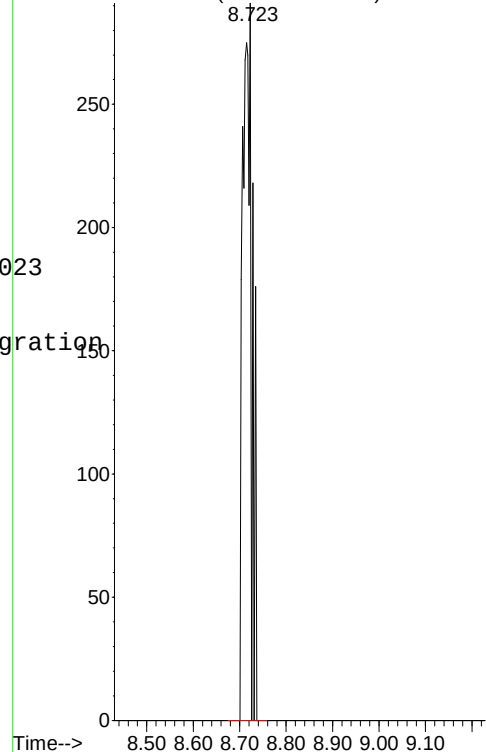
Tue Aug 22 12:51:04 2023

MIuser: LBD
Reason: Incorret Integration
RT : 8.72
Area : 392
Amount: 0.209791

Manual Integration

BROMOFORM

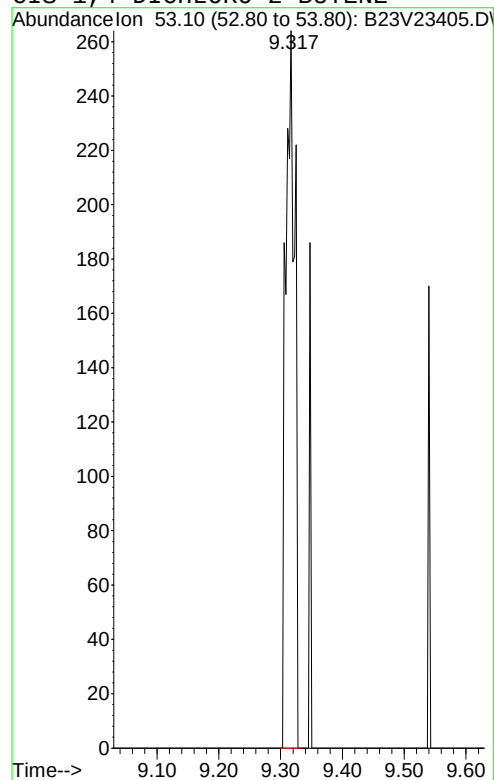
Abundance Ion 172.80 (172.50 to 173.50): B23V23405



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

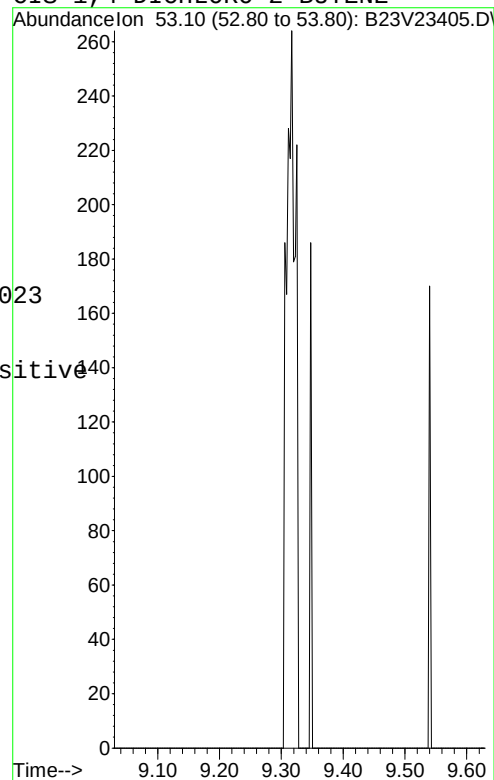
RT : 9.32
Area : 275
Amount: 0

Manual Int. Results

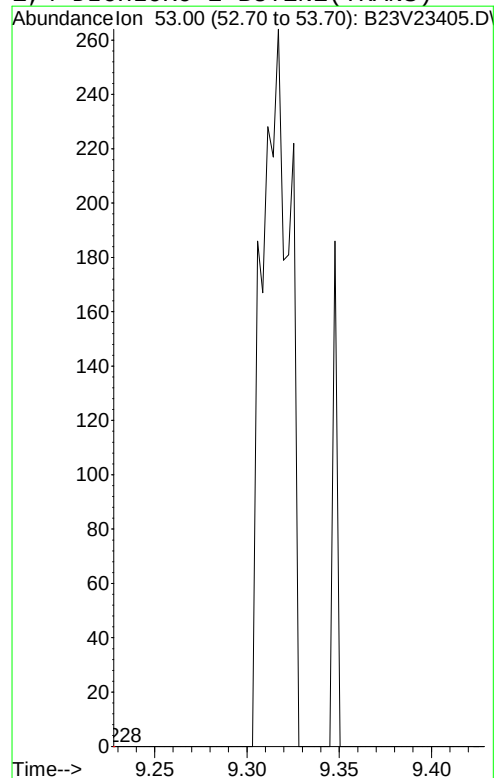
Tue Aug 22 12:51:10 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Integration
1,4-DICHLORO-2-BUTENE(TRANS)



Original Int. Results

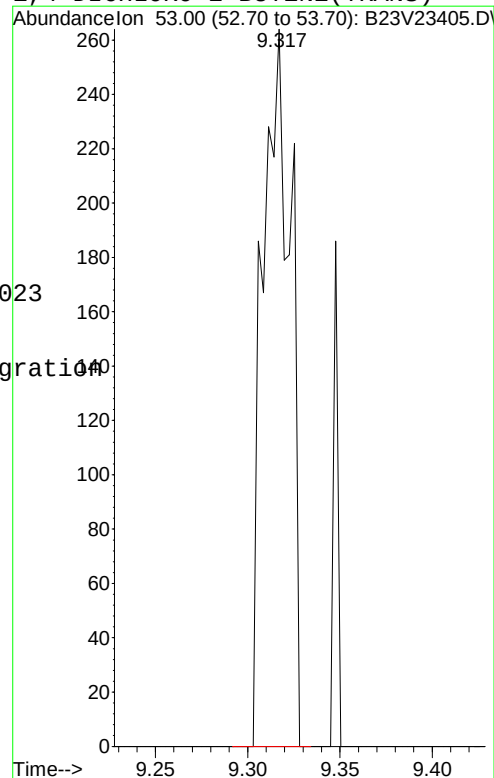
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 12:51:15 2023

MIuser: LBD
Reason: Incoret Integration
RT : 9.32
Area : 275
Amount: 0.25926

Manual Integration
1,4-DICHLORO-2-BUTENE(TRANS)

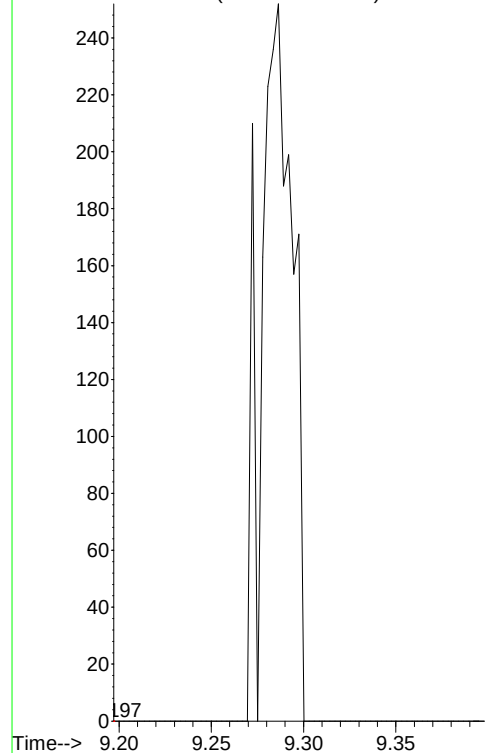


Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
1,2,3-TRICHLOROPROPANE

Abundance Ion 110.00 (109.70 to 110.70): B23V23405



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

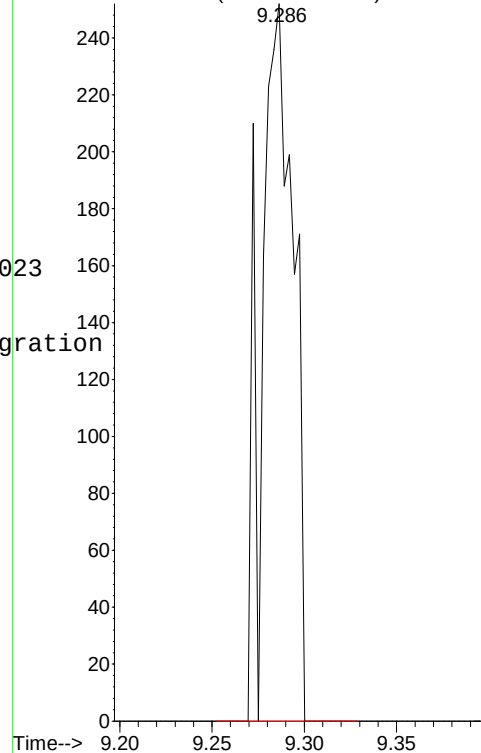
Manual Int. Results

Tue Aug 22 12:51:23 2023

MIuser: LBD
Reason: Incoret Integration
RT : 9.29
Area : 301
Amount: 0.345455

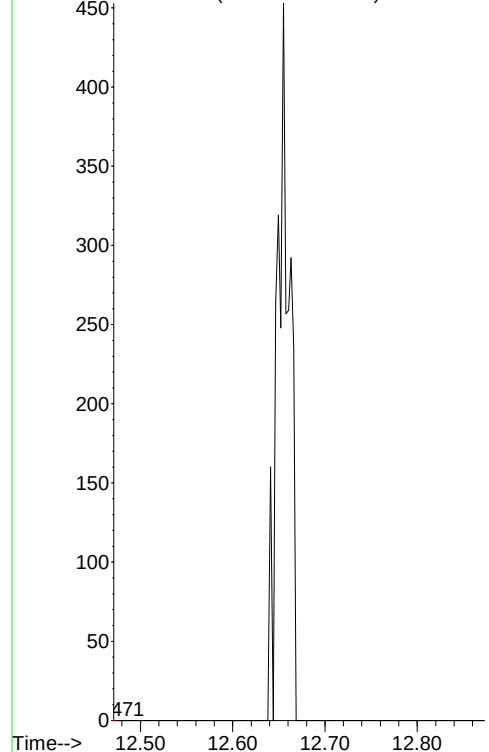
Manual Integration
1,2,3-TRICHLOROPROPANE

Abundance Ion 110.00 (109.70 to 110.70): B23V23405



Original Integration
HEXACHLOROBUTADIENE

Abundance Ion 224.80 (224.50 to 225.50): B23V23405



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

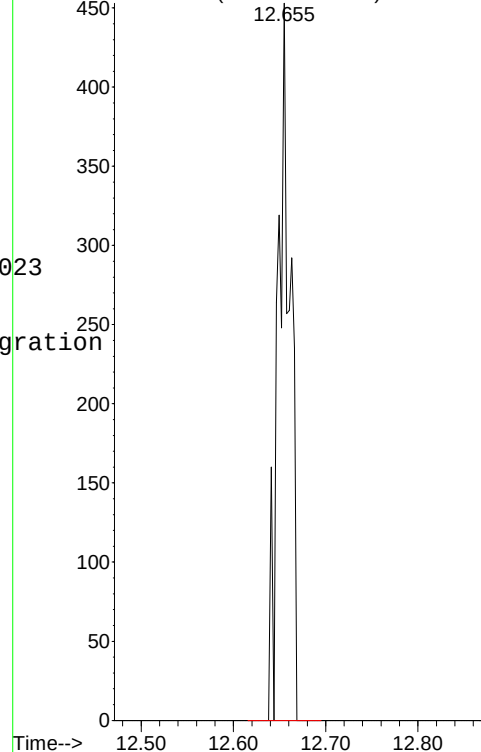
Manual Int. Results

Tue Aug 22 12:52:12 2023

MIuser: LBD
Reason: Incoret Integration
RT : 12.65
Area : 416
Amount: 0.430859

Manual Integration
HEXACHLOROBUTADIENE

Abundance Ion 224.80 (224.50 to 225.50): B23V23405

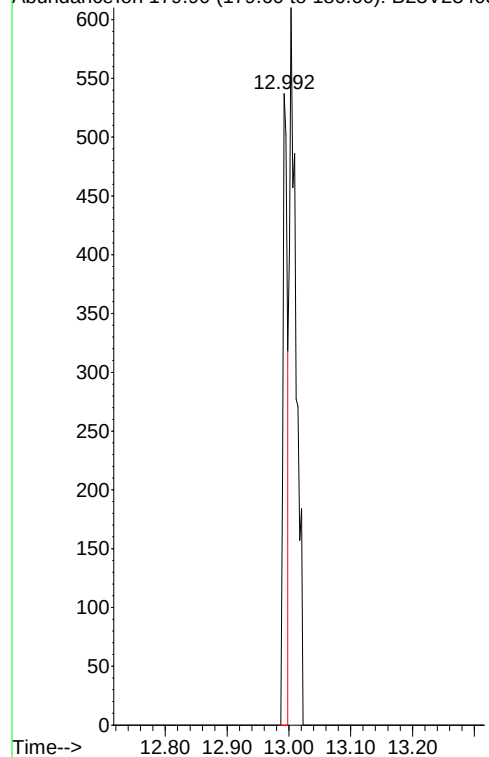


Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
1,2,3-TRICHLOROBENZENE

Abundance Ion 179.90 (179.60 to 180.60): B23V23405



Original Int. Results

RT : 12.99
Area : 263
Amount: 0.160947

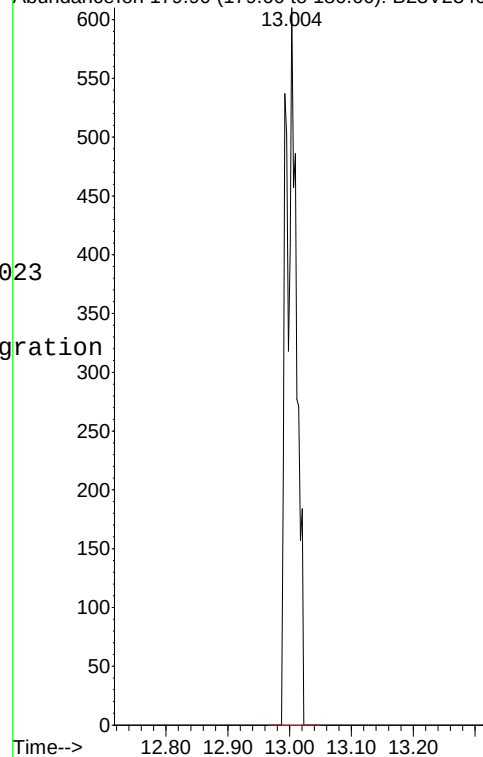
Manual Int. Results

Tue Aug 22 12:52:17 2023

MIuser: LBD
Reason: Incoret Integration
RT : 13.00
Area : 740
Amount: 0.452855

Manual Integration
1,2,3-TRICHLOROBENZENE

Abundance Ion 179.90 (179.60 to 180.60): B23V23405



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23406.D
 Acq On : 22 Aug 2023 12:51 pm
 Operator :
 Sample : 8260 STD 0.5 PPB (2307733)
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 13:12:19 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.977	168	141474	30.00	UG/L	-0.02
44) 1,4-DIFLUOROBENZENE - ...	4.730	114	239102	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	126732	30.00	UG/L	-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	136427	30.00	UG/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	72217	23.99	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.96%		
45) TOLUENE-D8 SS	6.266	98	250038	27.22	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	108.88%		
66) 4-BROMOFLUOROBENZENE SS	9.061	95	100398	29.00	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	116.00%		
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.015	85	948	0.36	UG/L	# 43
4) DIFLUOROCHLOROMETHANE	1.024	51	1564	0.44	UG/L	95
5) CHLOROMETHANE	1.121	50	1957	0.43	UG/L	93
6) VINYL CHLORIDE	1.174	62	1227	0.31	UG/L	# 43
7) BROMOMETHANE	1.353	94	1269	0.34	UG/L	87
8) CHLOROETHANE	1.414	64	743	0.27	UG/L	89
9) FLUORODICHLOROMETHANE	1.520	67	1636	0.26	UG/L	93
10) TRICHLOROFLUOROMETHANE	1.554	101	1187	0.19	UG/L	98
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.721	59	685	0.34	UG/L	# 21
13) ACROLEIN	1.819	56	2494	4.29	UG/L	# 99
14) ACETONE	1.919	43	4225m	3.74	UG/L	
15) 1,1-DICHLOROETHENE	1.872	61	1375	0.28	UG/L	# 75
16) 1,1,2-TRICL-1,2,2-TRIF...	1.863	101	638	0.20	UG/L	99
17) IODOMETHANE	1.980	142	8793	1.44	UG/L	95
18) METHYL ACETATE	0.000		0	N.D.	d	
19) T-BUTYL ALCOHOL	2.318	59	1228	4.67	UG/L	# 54
20) ACRYLONITRILE	2.438	53	327m	0.33	UG/L	
21) METHYLENE CHLORIDE	2.223	49	1768	0.37	UG/L	96
22) CARBON DISULFIDE	2.025	76	23144	2.58	UG/L	100
23) METHYL TERT-BUTYL ETHE...	2.432	73	2288	0.37	UG/L	# 88
24) TRANS 1,2-DICHLOROETHENE	2.435	61	1329	0.40	UG/L	# 65
25) 1,1-DICHLOROETHANE	2.820	63	1714	0.39	UG/L	# 52
26) VINYL ACETATE	2.878	43	29588	5.16	UG/L	98
27) DI ISOPROPYL ETHER	2.881	45	3964	0.44	UG/L	# 100
28) 2-BUTANONE	3.453	43	6259	4.88	UG/L	# 89
29) T-BUTYL ETHYL ETHER	3.252	59	2923	0.42	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.411	61	1588	0.40	UG/L	# 73
31) 2,2-DICHLOROPROPANE	3.400	77	1363	0.39	UG/L	# 48
32) ETHYL ACETATE	0.000		0	N.D.		
33) BROMOCHLOROMETHANE	3.656	128	342m	0.32	UG/L	
34) TETRAHYDROFURAN	0.000		0	N.D.		
35) T-BUTYL FORMATE	0.000		0	N.D.		
36) CHLOROFORM	3.751	83	1477	0.35	UG/L	96
37) 1,1,1-TRICHLOROETHANE	3.913	97	1269m	0.33	UG/L	
38) CYCLOHEXANE	3.974	56	4729	1.03	UG/L	# 57
39) CARBON TETRACHLORIDE	4.080	117	1551	0.43	UG/L	# 80
40) 1,1-DICHLOROPROPENE	4.089	75	1349	0.42	UG/L	# 42
41) BENZENE	4.309	78	3694	0.42	UG/L	96
42) T-AMYL ALCOHOL	0.000		0	N.D.		
43) T-AMYLMETHYL ETHER	4.445	73	2529	0.42	UG/L	# 81
46) 1,2-DICHLOROETHANE	4.345	62	1034	0.27	UG/L	# 48
47) TRICHLOROETHENE	4.981	95	901	0.34	UG/L	94
48) METHYLCYCLOHEXANE	5.162	83	1629	0.39	UG/L	# 80
49) 1,2-DICHLOROPROPANE	5.232	63	950m	0.05	UG/L	
50) DIBROMOMETHANE	5.352	93	475m	0.27	UG/L	
51) 1,4-DIOXANE	0.000		0	N.D.		
52) BROMODICHLOROMETHANE	5.527	83	1152	0.32	UG/L	# 26

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23406.D
 Acq On : 22 Aug 2023 12:51 pm
 Operator :
 Sample : 8260 STD 0.5 PPB (2307733)
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 13:12:19 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

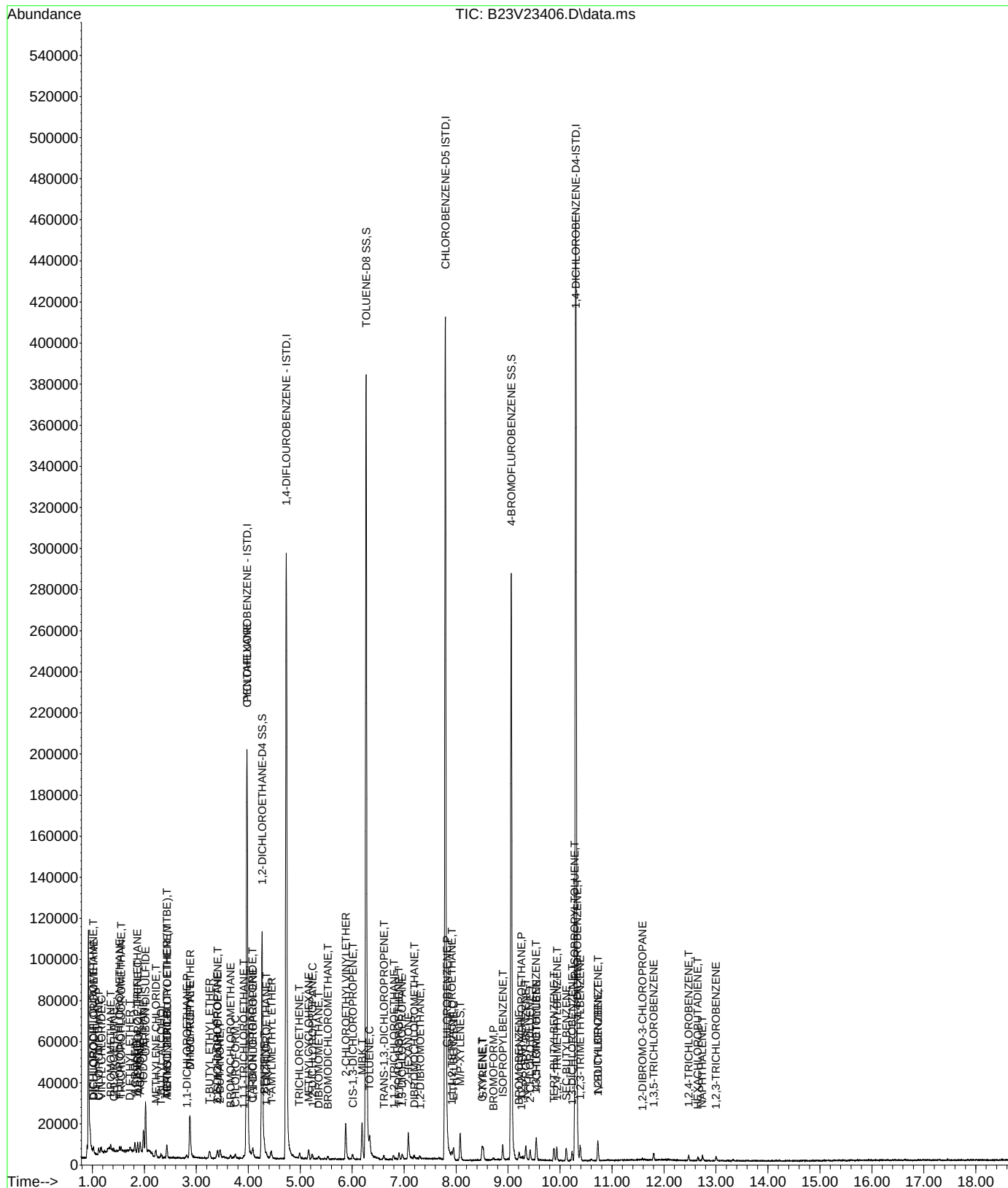
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2-CHLOROETHYL VINYLETHER	5.876	63	7139	4.08	UG/L	98
54) MIBK	6.188	43	12969	4.40	UG/L	98
55) CIS-1,3-DICHLOROPROPENE	6.010	75	1449	0.36	UG/L #	20
56) TOLUENE	6.333	91	4285	0.44	UG/L	97
57) TRANS-1,3,-DICHLOROPRO...	6.612	75	1176	0.36	UG/L #	74
58) ETHYL METHACRYLATE	0.000		0	N.D.	d	
59) 1,1,2-TRICHLOROETHANE	6.799	97	756	0.39	UG/L #	64
60) 2-HEXANONE	7.081	43	9628	4.77	UG/L	94
61) TETRACHLOROETHENE	6.894	164	762	0.38	UG/L	97
62) 1,3-DICHLOROPROPANE	6.958	76	1308	0.39	UG/L #	78
63) DIBROMOCHLOROMETHANE	7.192	129	970	0.40	UG/L	93
64) 1,2-DIBROMOETHANE	7.307	107	828	0.40	UG/L #	85
67) CHLOROBENZENE	7.823	112	2808	0.39	UG/L #	48
68) 1,1,1,2-TETRACHLOROETHANE	7.917	131	877	0.37	UG/L #	68
69) ETHYLBENZENE	7.951	91	4772	0.39	UG/L	100
70) M/P-XYLENES	8.079	91	8026	0.80	UG/L	97
71) O-XYLENE	8.495	91	3988	0.42	UG/L	97
72) STYRENE	8.517	104	3071	0.39	UG/L #	41
73) BROMOFORM	8.715	173	423m	0.23	UG/L	
74) ISOPROPYLBENZENE	8.896	105	5201	0.45	UG/L	95
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	d	
76) 1,1,2,2-TETRACHLOROETHANE	9.253	83	1137	0.36	UG/L #	94
77) 1,4-DICHLORO-2-BUTENE(...	0.000		0	N.D.		
78) BROMOBENZENE	9.208	77	1669	0.39	UG/L	94
79) 1,2,3-TRICHLOROPROPANE	0.000		0	N.D.		
80) N-PROPYLBENZENE	9.342	91	6209	0.45	UG/L	99
81) 2-CHLOROTOLUENE	9.423	91	3581	0.44	UG/L	99
82) 1,3,5-TRIMETHYLBENZENE	9.535	105	4199	0.43	UG/L	100
83) 4-CHLOROTOLUENE	9.543	91	4207	0.45	UG/L	96
85) TERT-BUTYLBENZENE	9.881	119	3757	0.45	UG/L #	83
86) 1,2,4-TRIMETHYLBENZENE	9.942	105	4290	0.43	UG/L	95
87) SEC-BUTYLBENZENE	10.120	105	5235	0.43	UG/L	97
88) 1,3-DICHLOROBENZENE	10.232	146	2338	0.43	UG/L	96
89) P-ISOPROPYLTOLUENE	10.279	119	4685	0.45	UG/L	97
90) 1,4-DICHLOROBENZENE	10.330	146	2576	0.43	UG/L #	67
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	4466	0.45	UG/L #	100
92) N-BUTYLBENZENE	10.726	91	3662	0.40	UG/L	98
93) 1,2-DICHLOROBENZENE	10.731	146	2069	0.39	UG/L	97
94) 1,2-DIBROMO-3-CHLOROPR...	11.584	75	60m	0.14	UG/L	
95) 1,3,5-TRICHLOROBENZENE	11.799	180	1516	0.53	UG/L	90
96) 1,2,4-TRICHLOROBENZENE	12.474	180	1226	0.58	UG/L #	85
97) HEXACHLOROBUTADIENE	12.650	225	492m	0.51	UG/L	
98) NAPHTHALENE	12.736	128	2935	0.54	UG/L #	69
99) 1,2,3-TRICHLOROBENZENE	12.998	180	1022	0.62	UG/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Inst : GCMSV0A2

Quant Time: Aug 22 13:12:19 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



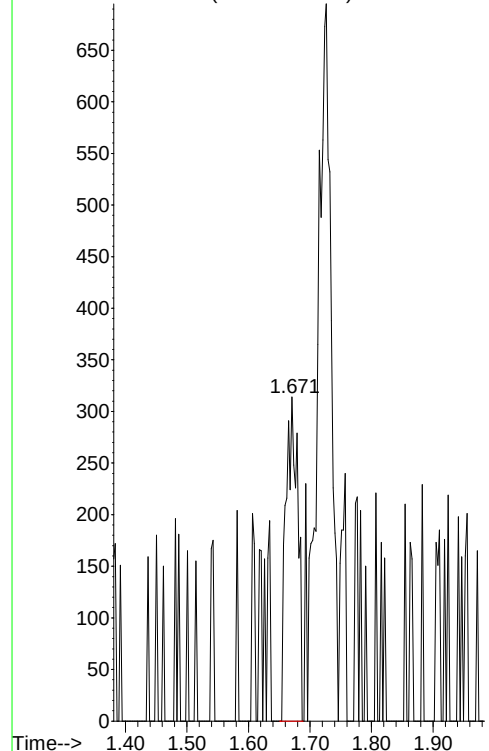
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

ETHANOL

Abundance Ion 45.10 (44.80 to 45.80): B23V23406.D



Original Int. Results

RT : 1.67
Area : 421
Amount: 8.9735

Manual Int. Results

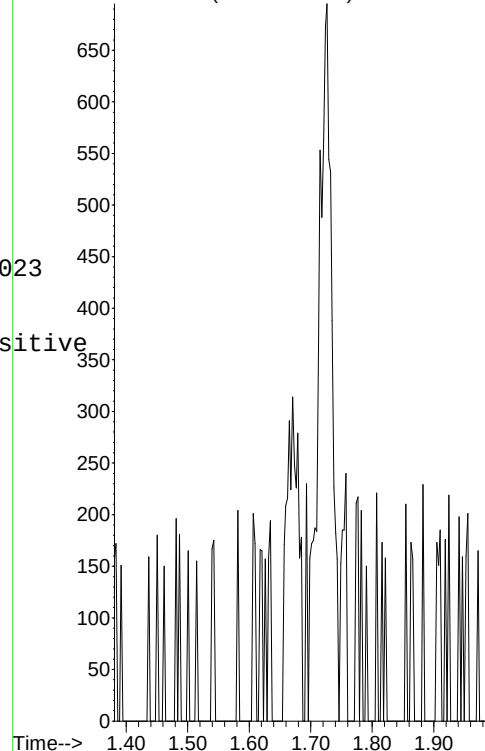
Tue Aug 22 13:12:35 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHANOL

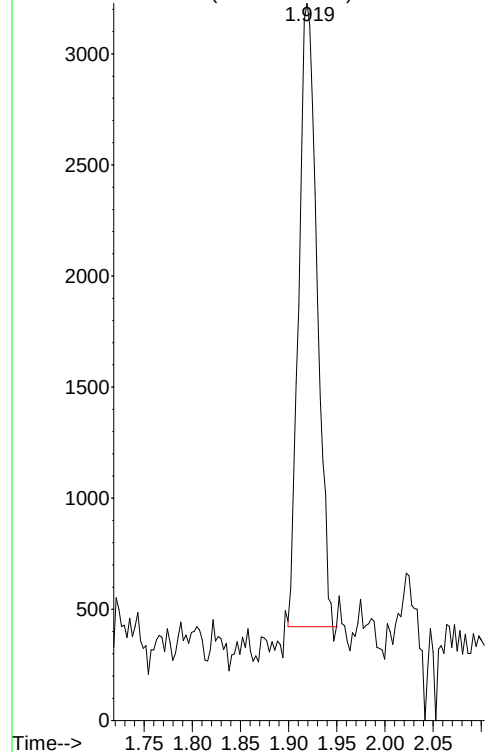
Abundance Ion 45.10 (44.80 to 45.80): B23V23406.D



Original Integration

ACETONE

Abundance Ion 43.10 (42.80 to 43.80): B23V23406.D



Original Int. Results

RT : 1.92
Area : 3686
Amount: 3.26228

Manual Int. Results

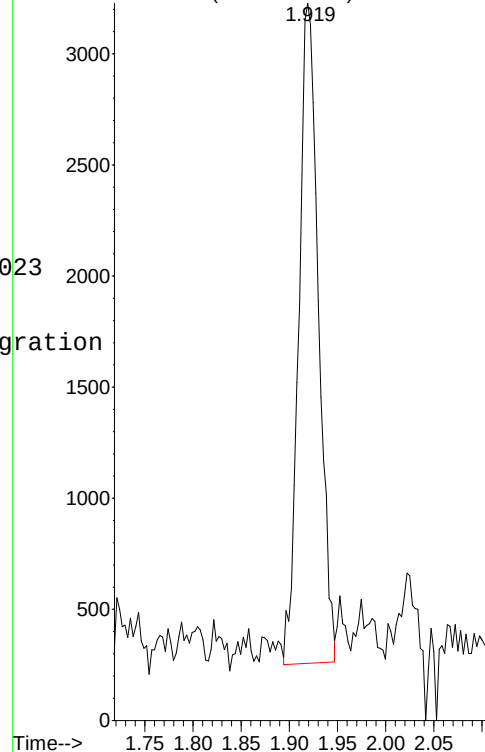
Tue Aug 22 13:12:51 2023

MIuser: LBD
Reason: Incorret Integration
RT : 1.92
Area : 4225
Amount: 3.73932

Manual Integration

ACETONE

Abundance Ion 43.10 (42.80 to 43.80): B23V23406.D

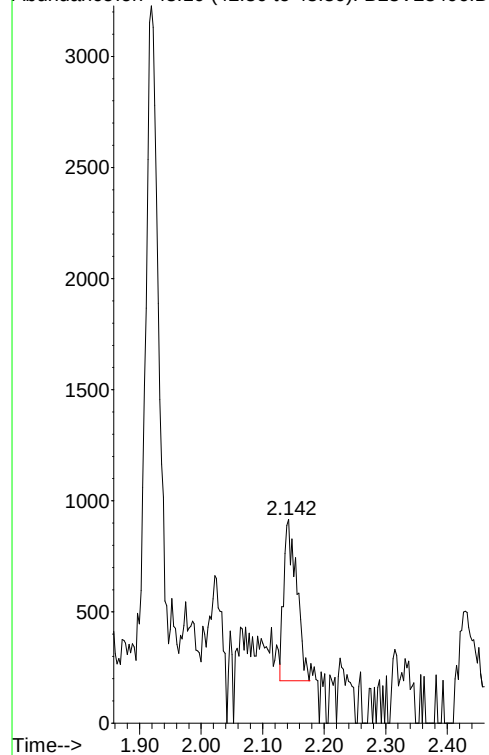


Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
METHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23406.D



Original Int. Results

RT : 2.14
Area : 1052
Amount: 0.345423

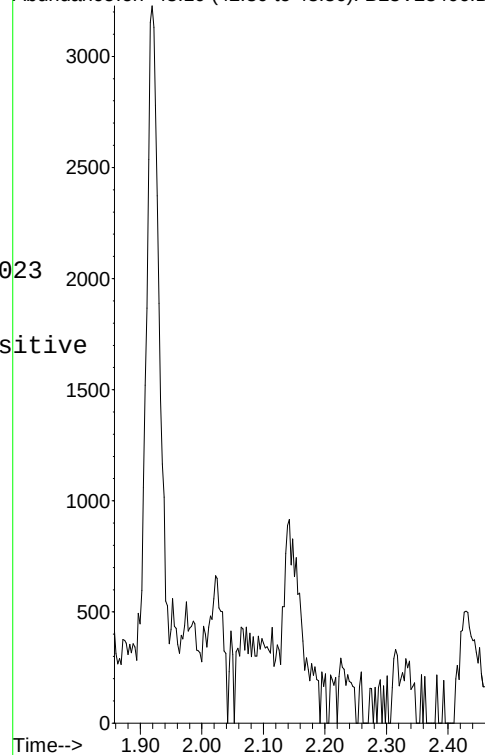
Manual Int. Results

Tue Aug 22 13:13:02 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

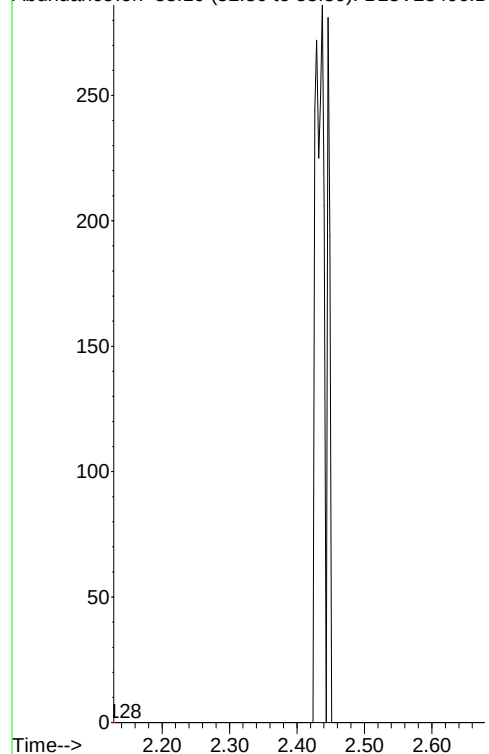
Manual Integration
METHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23406.D



Original Integration
ACRYLONITRILE

Abundance Ion 53.10 (52.80 to 53.80): B23V23406.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

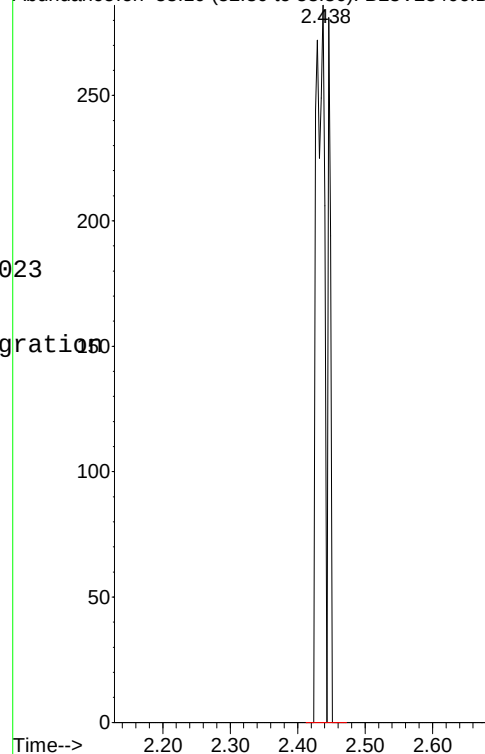
Manual Int. Results

Tue Aug 22 13:13:09 2023

MIuser: LBD
Reason: Incorret Integration
RT : 2.44
Area : 327
Amount: 0.333815

Manual Integration
ACRYLONITRILE

Abundance Ion 53.10 (52.80 to 53.80): B23V23406.D

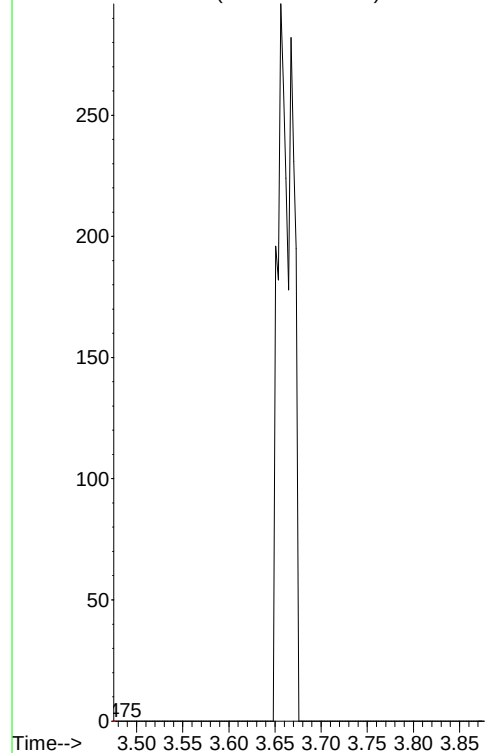


Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
BROMOCHLOROMETHANE

Abundance Ion 127.90 (127.60 to 128.60): B23V23406



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

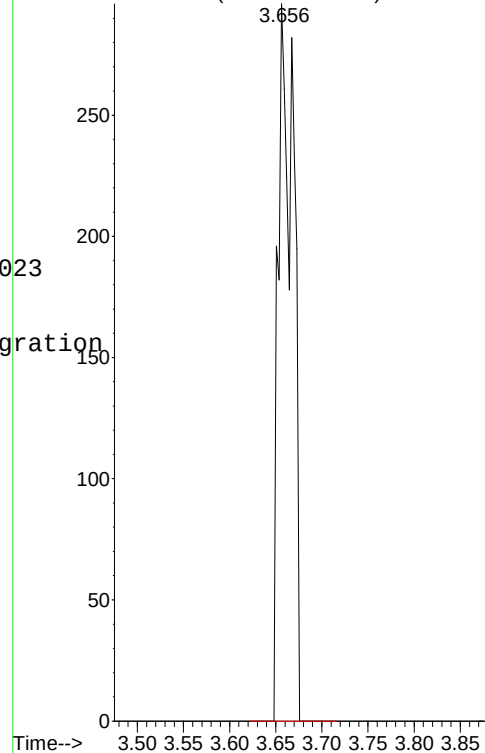
Manual Int. Results

Tue Aug 22 13:13:27 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.66
Area : 342
Amount: 0.322071

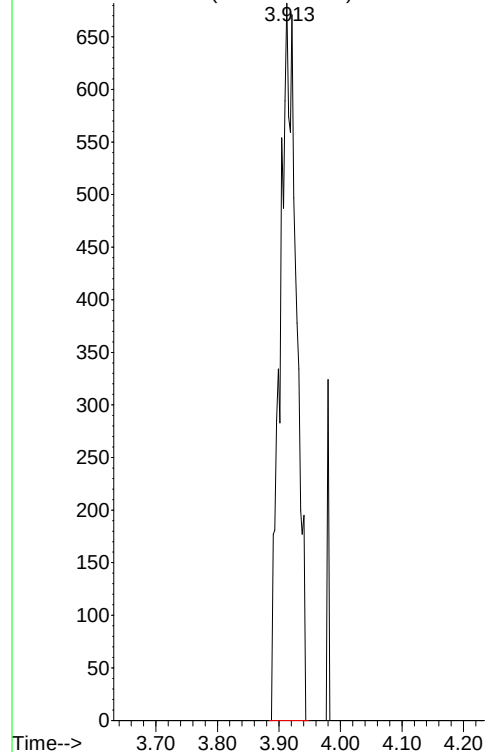
Manual Integration
BROMOCHLOROMETHANE

Abundance Ion 127.90 (127.60 to 128.60): B23V23406



Original Integration
1,1,1-TRICHLOROETHANE

Abundance Ion 97.00 (96.70 to 97.70): B23V23406.D



Original Int. Results

RT : 3.91
Area : 1269
Amount: 0.329776

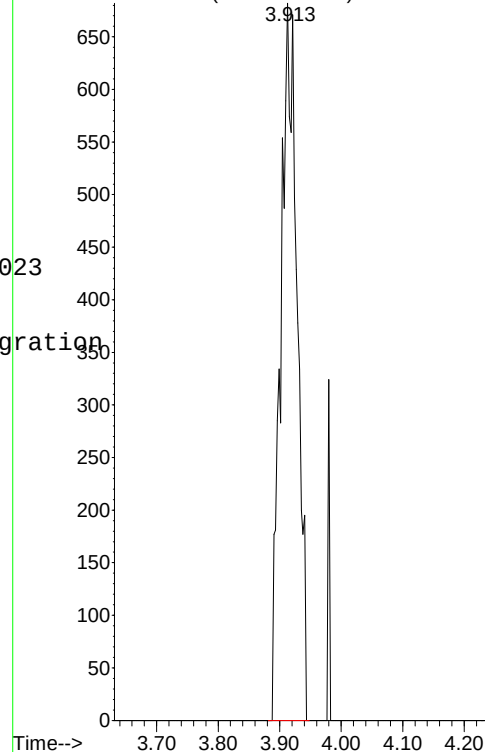
Manual Int. Results

Tue Aug 22 13:13:43 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.91
Area : 1269
Amount: 0.329776

Manual Integration
1,1,1-TRICHLOROETHANE

Abundance Ion 97.00 (96.70 to 97.70): B23V23406.D



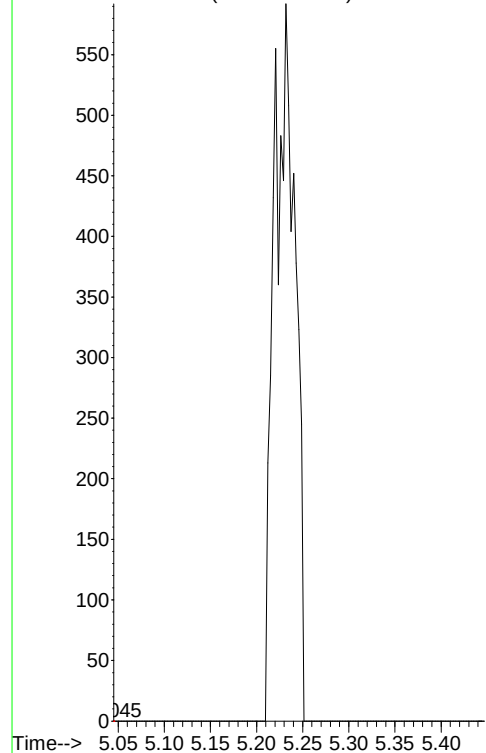
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

1,2-DICHLOROPROPANE

Abundance Ion 63.00 (62.70 to 63.70): B23V23406.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

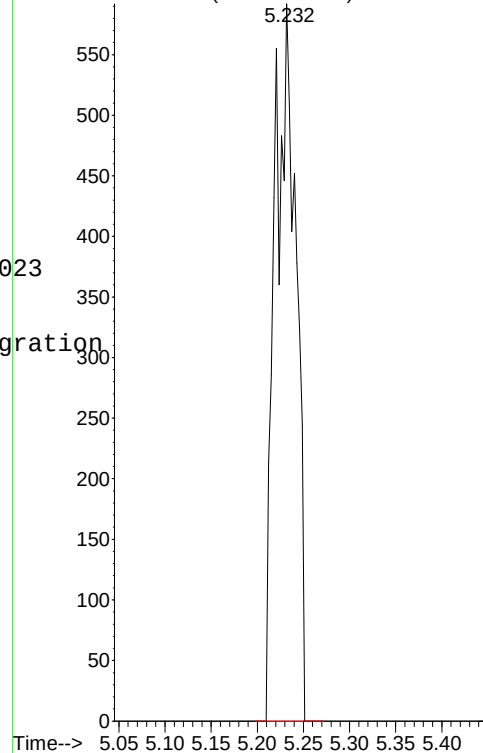
Tue Aug 22 13:14:03 2023

MIuser: LBD
Reason: Incoret Integration
RT : 5.23
Area : 950
Amount: 0.0541717

Manual Integration

1,2-DICHLOROPROPANE

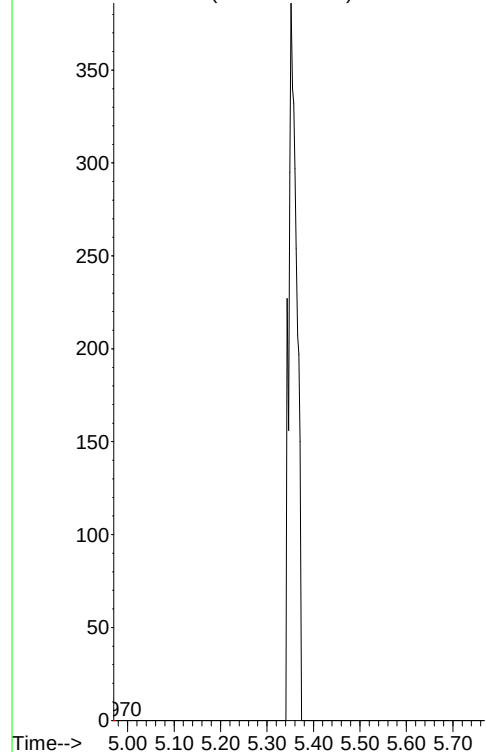
Abundance Ion 63.00 (62.70 to 63.70): B23V23406.D



Original Integration

DIBROMOMETHANE

Abundance Ion 92.90 (92.60 to 93.60): B23V23406.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

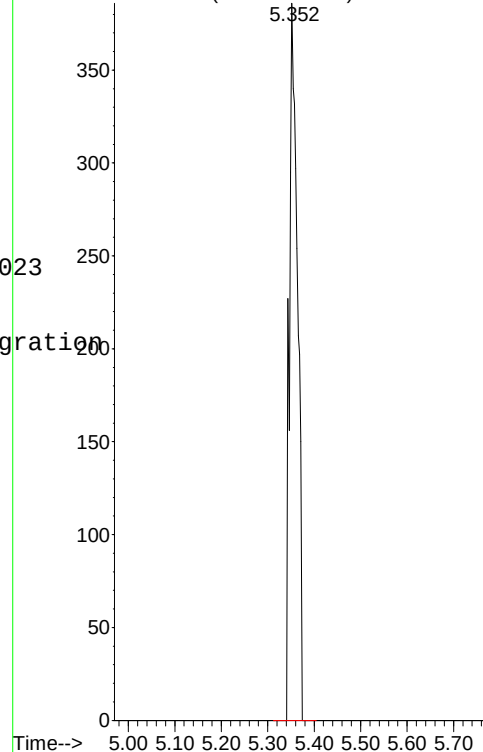
Tue Aug 22 13:14:10 2023

MIuser: LBD
Reason: Incoret Integration
RT : 5.35
Area : 475
Amount: 0.27055

Manual Integration

DIBROMOMETHANE

Abundance Ion 92.90 (92.60 to 93.60): B23V23406.D

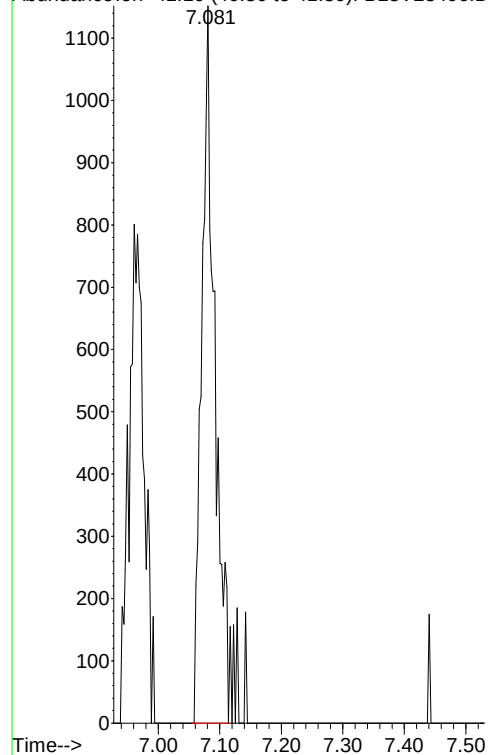


Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHYL METHACRYLATE

Abundance Ion 41.10 (40.80 to 41.80): B23V23406.D



Original Int. Results

RT : 7.08
Area : 1694
Amount: 0

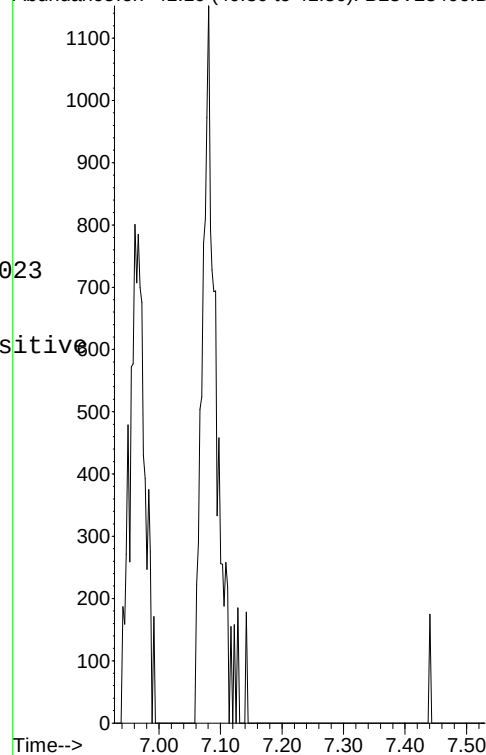
Manual Int. Results

Tue Aug 22 13:14:27 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

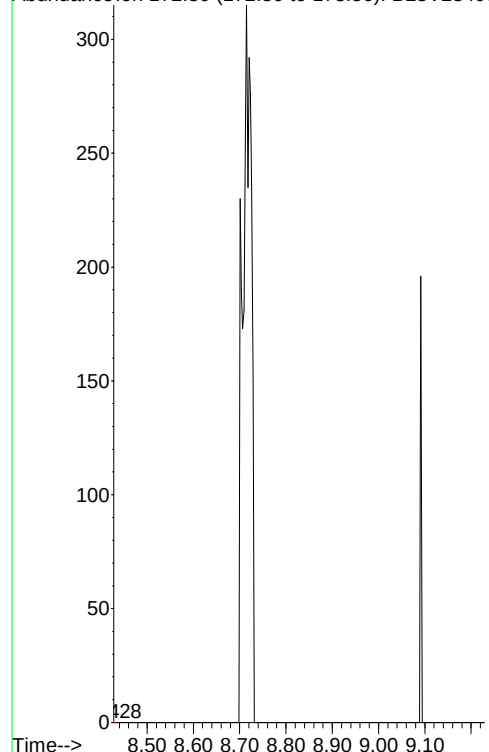
Manual Integration
ETHYL METHACRYLATE

Abundance Ion 41.10 (40.80 to 41.80): B23V23406.D



Original Integration
BROMOFORM

Abundance Ion 172.80 (172.50 to 173.50): B23V23406



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

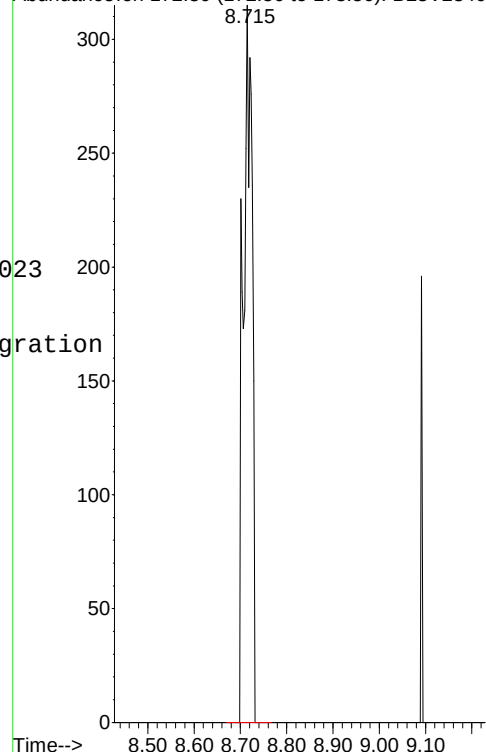
Manual Int. Results

Tue Aug 22 13:14:48 2023

MIuser: LBD
Reason: Incorret Integration
RT : 8.71
Area : 423
Amount: 0.22713

Manual Integration
BROMOFORM

Abundance Ion 172.80 (172.50 to 173.50): B23V23406

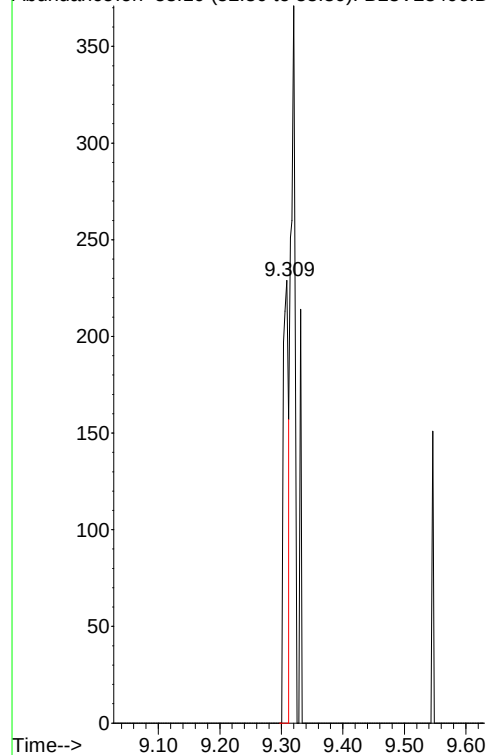


Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B23V23406.D



Original Int. Results

RT : 9.31
Area : 133
Amount: 0

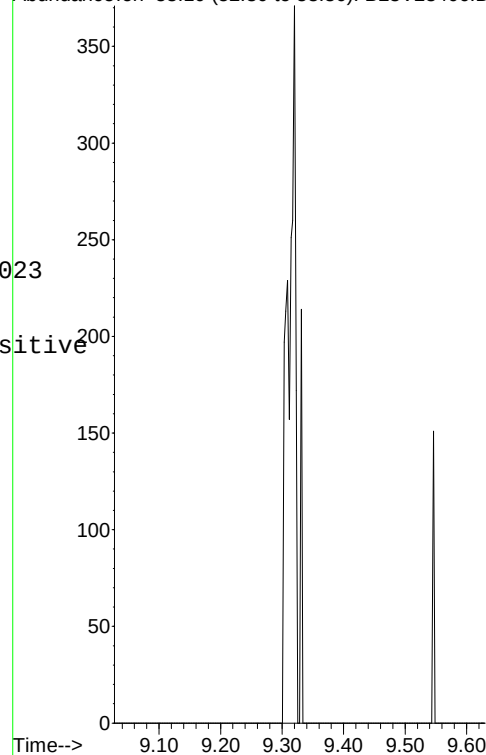
Manual Int. Results

Tue Aug 22 13:14:54 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

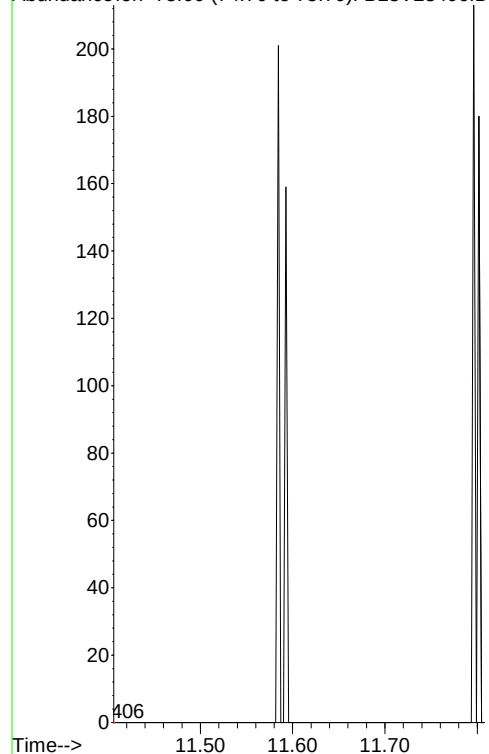
Manual Integration
CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B23V23406.D



Original Integration
1,2-DIBROMO-3-CHLOROPROPANE

Abundance Ion 75.00 (74.70 to 75.70): B23V23406.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

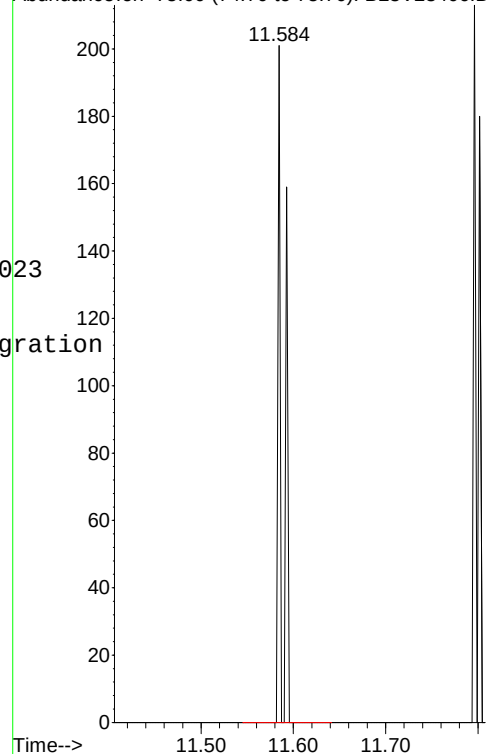
Manual Int. Results

Tue Aug 22 13:15:27 2023

MIuser: LBD
Reason: Incorret Integration
RT : 11.58
Area : 60
Amount: 0.141424

Manual Integration
1,2-DIBROMO-3-CHLOROPROPANE

Abundance Ion 75.00 (74.70 to 75.70): B23V23406.D

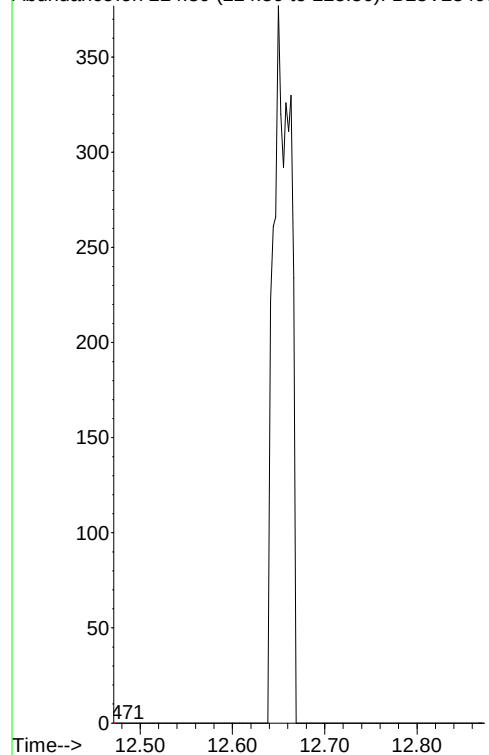


Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
HEXACHLOROBUTADIENE

Abundance Ion 224.80 (224.50 to 225.50): B23V23406



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

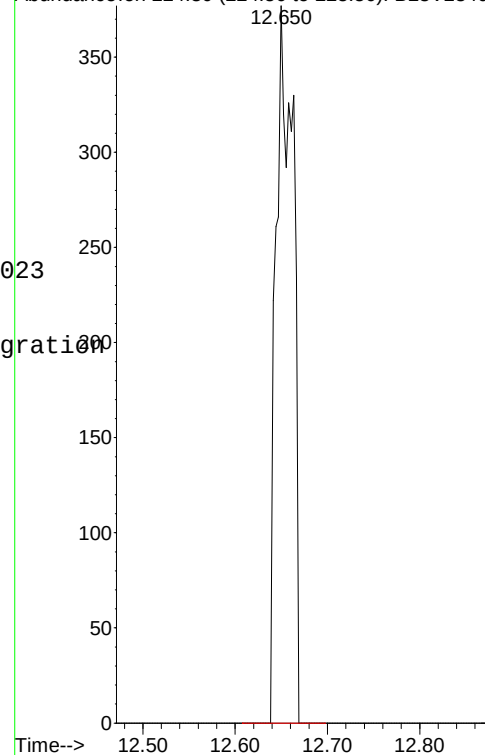
Manual Int. Results

Tue Aug 22 13:15:34 2023

MIuser: LBD
Reason: Incorrect Integration
RT : 12.65
Area : 492
Amount: 0.508106

Manual Integration
HEXACHLOROBUTADIENE

Abundance Ion 224.80 (224.50 to 225.50): B23V23406



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23407.D
 Acq On : 22 Aug 2023 1:17 pm
 Operator :
 Sample : 8260 STD 1.0 PPB (2307733)
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 13:38:13 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.974	168	139449	30.00	UG/L	-0.02
44) 1,4-DIFLUOROBENZENE - ...	4.730	114	236771	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	127913	30.00	UG/L	-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	138575	30.00	UG/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	73088	24.64	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.56%		
45) TOLUENE-D8 SS	6.266	98	251281	27.62	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	110.48%		
66) 4-BROMOFLUOROBENZENE SS	9.058	95	101529	29.06	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	116.24%		
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.013	85	2075	0.81	UG/L	94
4) DIFLUOROCHLOROMETHANE	1.024	51	3331	0.96	UG/L	98
5) CHLOROMETHANE	1.116	50	4342	0.97	UG/L	97
6) VINYL CHLORIDE	1.174	62	2687	0.68	UG/L	98
7) BROMOMETHANE	1.353	94	1915	0.52	UG/L	97
8) CHLOROETHANE	1.411	64	1789	0.65	UG/L	89
9) FLUORODICHLOROMETHANE	1.520	67	3532	0.56	UG/L	89
10) TRICHLOROFLUOROMETHANE	1.551	101	2530	0.41	UG/L	92
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.724	59	1574	0.78	UG/L #	68
13) ACROLEIN	1.819	56	5335	9.31	UG/L #	76
14) ACETONE	1.922	43	8272	7.43	UG/L	97
15) 1,1-DICHLOROETHENE	1.871	61	2944	0.60	UG/L	90
16) 1,1,2-TRICL-1,2,2-TRIF...	1.866	101	1633	0.52	UG/L	96
17) IODOMETHANE	1.983	142	21047	3.50	UG/L	95
18) METHYL ACETATE	2.148	43	2273	0.76	UG/L #	78
19) T-BUTYL ALCOHOL	2.323	59	2633	10.16	UG/L #	86
20) ACRYLONITRILE	2.432	53	875	0.91	UG/L #	74
21) METHYLENE CHLORIDE	2.220	49	3797	0.80	UG/L	99
22) CARBON DISULFIDE	2.022	76	50015	5.66	UG/L	99
23) METHYL TERT-BUTYL ETHE...	2.435	73	5409	0.89	UG/L	95
24) TRANS 1,2-DICHLOROETHENE	2.429	61	3110	0.95	UG/L	93
25) 1,1-DICHLOROETHANE	2.817	63	3771	0.87	UG/L #	91
26) VINYL ACETATE	2.875	43	67051	11.85	UG/L	99
27) DI ISOPROPYL ETHER	2.875	45	8916	1.01	UG/L #	97
28) 2-BUTANONE	3.450	43	12851	10.16	UG/L	94
29) T-BUTYL ETHYL ETHER	3.255	59	7157	1.05	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.405	61	3413	0.86	UG/L	93
31) 2,2-DICHLOROPROPANE	3.402	77	2980	0.86	UG/L #	82
32) ETHYL ACETATE	0.000		0	N.D.		
33) BROMOCHLOROMETHANE	3.662	128	928	0.89	UG/L	87
34) TETRAHYDROFURAN	3.715	42	990	1.15	UG/L #	33
35) T-BUTYL FORMATE	0.000		0	N.D.		
36) CHLOROFORM	3.748	83	3216	0.77	UG/L	98
37) 1,1,1-TRICHLOROETHANE	3.913	97	3071	0.81	UG/L #	90
38) CYCLOHEXANE	3.952	56	7318	1.62	UG/L #	45
39) CARBON TETRACHLORIDE	4.080	117	3138	0.88	UG/L	90
40) 1,1-DICHLOROPROPENE	4.088	75	2802	0.88	UG/L #	70
41) BENZENE	4.309	78	7876	0.90	UG/L	100
42) T-AMYL ALCOHOL	0.000		0	N.D.		
43) T-AMYLMETHYL ETHER	4.437	73	5825	0.99	UG/L	95
46) 1,2-DICHLOROETHANE	4.342	62	2744	0.72	UG/L #	92
47) TRICHLOROETHENE	4.986	95	2085	0.79	UG/L	94
48) METHYLCYCLOHEXANE	5.159	83	3617	0.87	UG/L #	81
49) 1,2-DICHLOROPROPANE	5.232	63	2251	0.13	UG/L	93
50) DIBROMOMETHANE	5.349	93	1189	0.68	UG/L	97
51) 1,4-DIOXANE	0.000		0	N.D.		
52) BROMODICHLOROMETHANE	5.530	83	2688	0.76	UG/L #	95

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23407.D
 Acq On : 22 Aug 2023 1:17 pm
 Operator :
 Sample : 8260 STD 1.0 PPB (2307733)
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 13:38:13 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

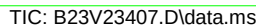
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2-CHLOROETHYL VINYLETHER	5.876	63	16133	9.31	UG/L	96
54) MIBK	6.188	43	28692	9.84	UG/L	99
55) CIS-1,3-DICHLOROPROPENE	6.001	75	3381	0.85	UG/L	98
56) TOLUENE	6.339	91	9460	0.98	UG/L	96
57) TRANS-1,3,-DICHLOROPRO...	6.612	75	2808	0.86	UG/L	87
58) ETHYL METHACRYLATE	0.000		0	N.D.	d	
59) 1,1,2-TRICHLOROETHANE	6.793	97	1819	0.94	UG/L	90
60) 2-HEXANONE	7.078	43	21635	10.82	UG/L	98
61) TETRACHLOROETHENE	6.899	164	1900	0.94	UG/L	96
62) 1,3-DICHLOROPROPANE	6.964	76	3196	0.97	UG/L	95
63) DIBROMOCHLOROMETHANE	7.192	129	2108	0.87	UG/L	99
64) 1,2-DIBROMOETHANE	7.298	107	2016	0.99	UG/L #	92
67) CHLOROBENZENE	7.820	112	6494	0.89	UG/L #	47
68) 1,1,1,2-TETRACHLOROETHANE	7.914	131	2042	0.84	UG/L #	86
69) ETHYLBENZENE	7.948	91	11178	0.91	UG/L	97
70) M/P-XYLENES	8.079	91	17910	1.78	UG/L	100
71) O-XYLENE	8.495	91	8968	0.92	UG/L	99
72) STYRENE	8.517	104	6983	0.88	UG/L #	88
73) BROMOFORM	8.709	173	1449	0.77	UG/L #	91
74) ISOPROPYLBENZENE	8.896	105	11293	0.97	UG/L	99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	d	
76) 1,1,2,2-TETRACHLOROETHANE	9.247	83	2607	0.81	UG/L #	95
77) 1,4-DICHLORO-2-BUTENE(...	9.309	53	784	0.73	UG/L #	42
78) BROMOBENZENE	9.206	77	4274	0.98	UG/L	97
79) 1,2,3-TRICHLOROPROPANE	9.289	110	764	0.87	UG/L	77
80) N-PROPYLBENZENE	9.339	91	13055	0.94	UG/L	96
81) 2-CHLOROTOLUENE	9.426	91	7789	0.96	UG/L	98
82) 1,3,5-TRIMETHYLBENZENE	9.540	105	9626	0.98	UG/L	96
83) 4-CHLOROTOLUENE	9.546	91	9236	0.98	UG/L	96
85) TERT-BUTYLBENZENE	9.880	119	8407	1.00	UG/L	94
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	9084	0.90	UG/L	95
87) SEC-BUTYLBENZENE	10.117	105	11464	0.93	UG/L	98
88) 1,3-DICHLOROBENZENE	10.229	146	5332	0.97	UG/L	97
89) P-ISOPROPYLTOLUENE	10.282	119	10344	0.98	UG/L	96
90) 1,4-DICHLOROBENZENE	10.327	146	5693	0.94	UG/L #	72
91) 1,2,3-TRIMETHYLBENZENE	10.391	105	10191	1.02	UG/L #	100
92) N-BUTYLBENZENE	10.723	91	8622	0.92	UG/L	98
93) 1,2-DICHLOROBENZENE	10.728	146	5019	0.94	UG/L	94
94) 1,2-DIBROMO-3-CHLOROPR...	11.593	75	399m	0.93	UG/L	
95) 1,3,5-TRICHLOROBENZENE	11.802	180	3295	1.13	UG/L	94
96) 1,2,4-TRICHLOROBENZENE	12.471	180	2788	1.30	UG/L	97
97) HEXACHLOROBUTADIENE	12.652	225	1277	1.30	UG/L #	82
98) NAPHTHALENE	12.747	128	7067	1.27	UG/L	99
99) 1,2,3-TRICHLOROBENZENE	13.004	180	2312	1.39	UG/L #	81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Inst : GCMSV0A2

Quant Time: Aug 22 13:38:13 2023



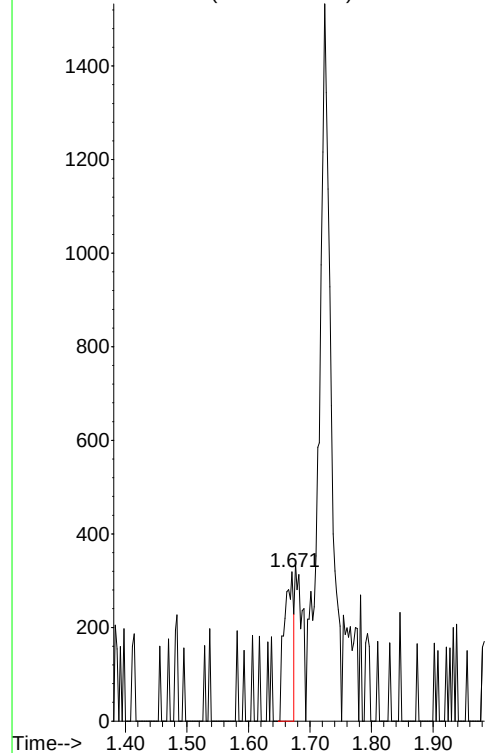
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23407.D
Acq On : 22 Aug 2023 1:17 pm
Operator :
Sample : 8260 STD 1.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:40:23 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

ETHANOL

Abundance Ion 45.10 (44.80 to 45.80): B23V23407.D



Original Int. Results

RT : 1.67
Area : 326
Amount: 7.04951

Manual Int. Results

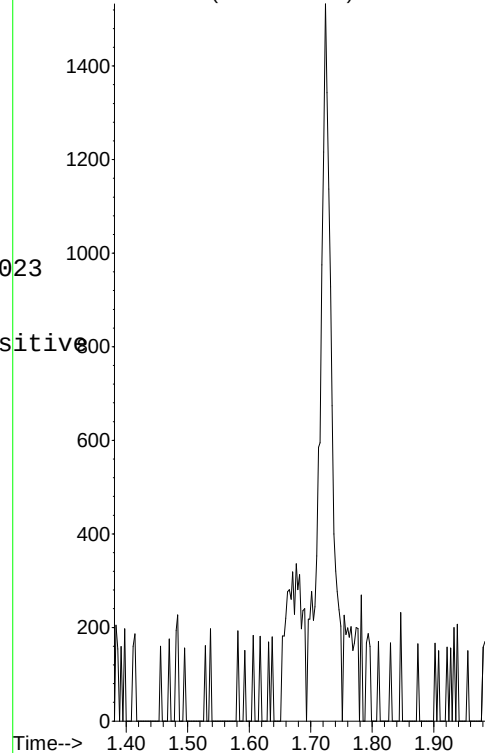
Tue Aug 22 13:38:25 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHANOL

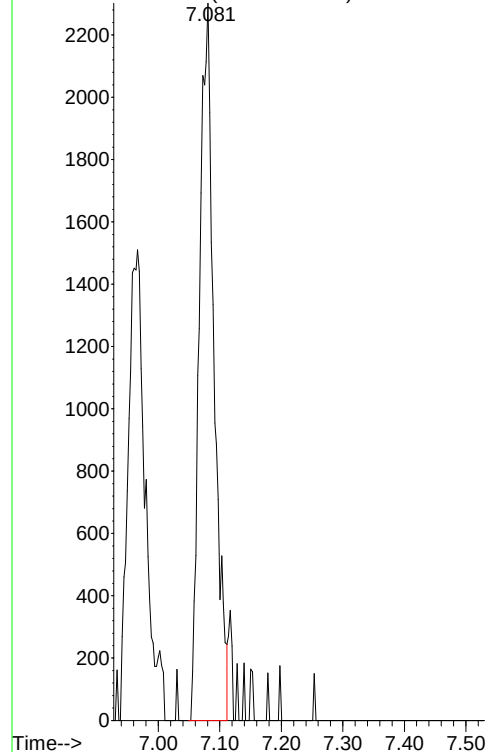
Abundance Ion 45.10 (44.80 to 45.80): B23V23407.D



Original Integration

ETHYL METHACRYLATE

Abundance Ion 41.10 (40.80 to 41.80): B23V23407.D



Original Int. Results

RT : 7.08
Area : 3817
Amount: 0

Manual Int. Results

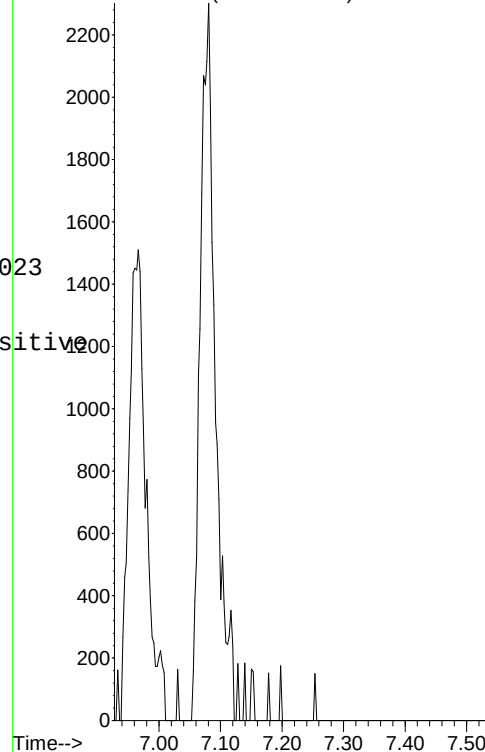
Tue Aug 22 13:39:30 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL METHACRYLATE

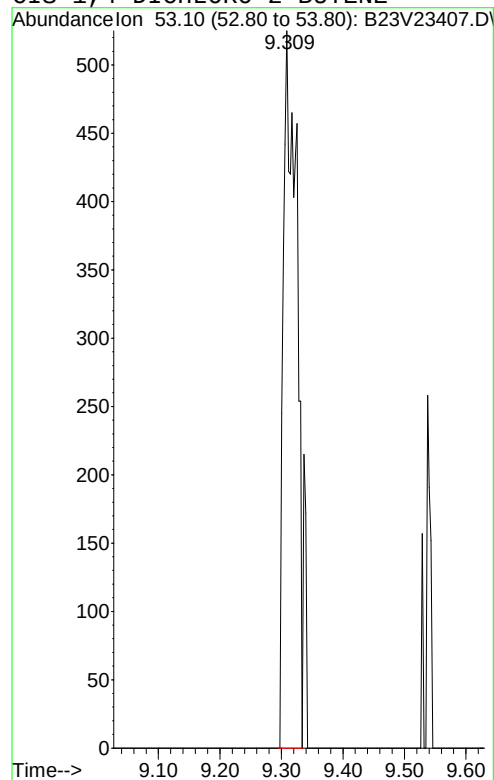
Abundance Ion 41.10 (40.80 to 41.80): B23V23407.D



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23407.D
Acq On : 22 Aug 2023 1:17 pm
Operator :
Sample : 8260 STD 1.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:40:23 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

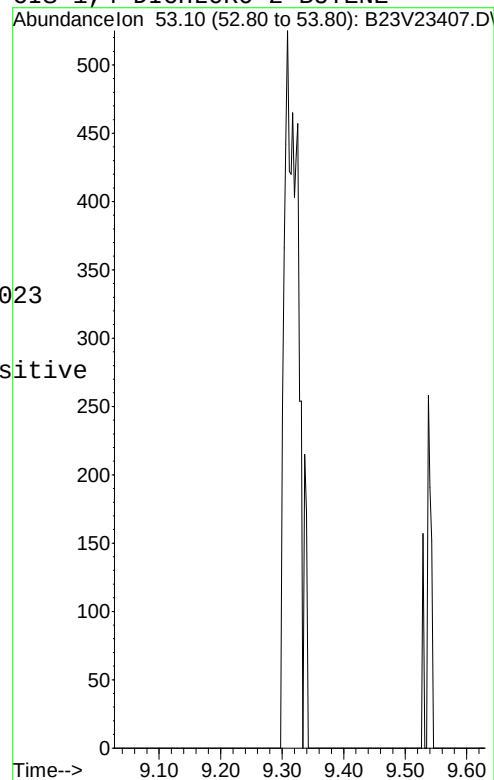
RT : 9.31
Area : 784
Amount: 0

Manual Int. Results

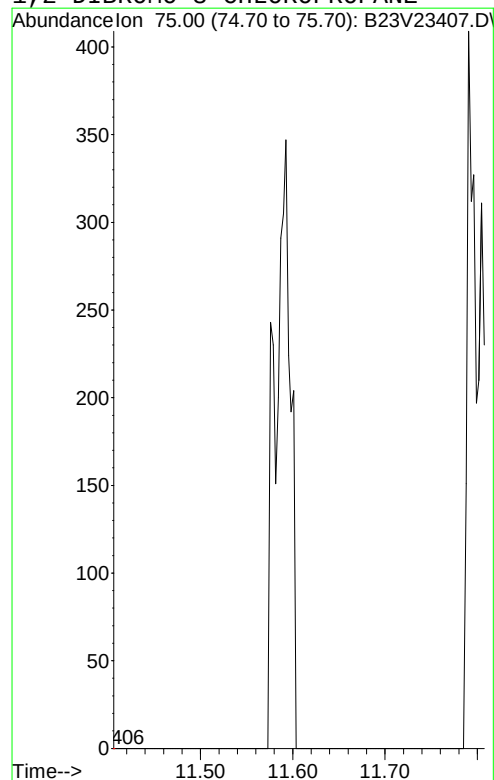
Tue Aug 22 13:39:45 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Integration
1,2-DIBROMO-3-CHLOROPROPANE



Original Int. Results

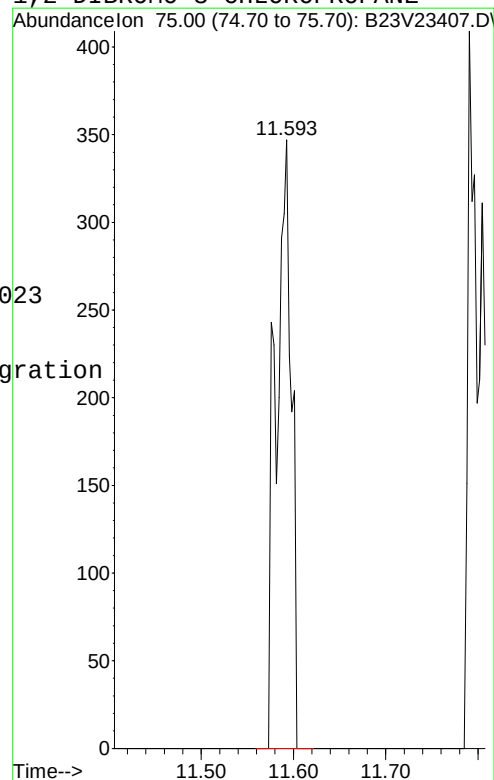
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 13:40:23 2023

MIuser: LBD
Reason: Incoret Integration
RT : 11.59
Area : 399
Amount: 0.925894

Manual Integration
1,2-DIBROMO-3-CHLOROPROPANE



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23408.D
 Acq On : 22 Aug 2023 1:43 pm
 Operator :
 Sample : 8260 STD 2.0 PPB (2307733)
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 14:04:37 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.977	168	138721	30.00	UG/L	-0.02
44) 1,4-DIFLUOROBENZENE - ...	4.733	114	238542	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	130100	30.00	UG/L	-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.304	152	138408	30.00	UG/L	-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	73595	24.94	UG/L	-0.02
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.76%	
45) TOLUENE-D8 SS	6.266	98	250915	27.38	UG/L	-0.02
Spiked Amount 25.000	Range 70	- 130	Recovery	=	109.52%	
66) 4-BROMOFLUOROBENZENE SS	9.058	95	102073	28.72	UG/L	-0.02
Spiked Amount 25.000	Range 70	- 130	Recovery	=	114.88%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.015	85	4598	1.80	UG/L	98
4) DIFLUOROCHLOROMETHANE	1.024	51	6948	2.00	UG/L	97
5) CHLOROMETHANE	1.119	50	8966	2.01	UG/L	98
6) VINYL CHLORIDE	1.174	62	5748	1.47	UG/L	98
7) BROMOMETHANE	1.356	94	3203	0.87	UG/L	100
8) CHLOROETHANE	1.409	64	3252	1.19	UG/L	91
9) FLUORODICHLOROMETHANE	1.520	67	7249	1.16	UG/L	95
10) TRICHLOROFLUOROMETHANE	1.554	101	5682	0.92	UG/L	96
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.724	59	3282	1.64	UG/L	# 79
13) ACROLEIN	1.818	56	10375	18.20	UG/L	# 97
14) ACETONE	1.919	43	17005	15.35	UG/L	99
15) 1,1-DICHLOROETHENE	1.874	61	6412	1.32	UG/L	95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.866	101	3436	1.09	UG/L	95
17) IODOMETHANE	1.983	142	48099	8.04	UG/L	95
18) METHYL ACETATE	2.148	43	4658	1.56	UG/L	100
19) T-BUTYL ALCOHOL	2.320	59	5449	21.13	UG/L	# 89
20) ACRYLONITRILE	2.435	53	1999	2.08	UG/L	# 76
21) METHYLENE CHLORIDE	2.223	49	7371	1.57	UG/L	97
22) CARBON DISULFIDE	2.025	76	104242	11.86	UG/L	99
23) METHYL TERT-BUTYL ETHE...	2.432	73	10840	1.79	UG/L	96
24) TRANS 1,2-DICHLOROETHENE	2.432	61	6280	1.93	UG/L	91
25) 1,1-DICHLOROETHANE	2.817	63	8134	1.88	UG/L	99
26) VINYL ACETATE	2.873	43	128549	22.84	UG/L	99
27) DI ISOPROPYL ETHER	2.875	45	18008	2.06	UG/L	# 100
28) 2-BUTANONE	3.450	43	26025	20.69	UG/L	97
29) T-BUTYL ETHYL ETHER	3.257	59	14423	2.13	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.408	61	7609	1.93	UG/L	96
31) 2,2-DICHLOROPROPANE	3.400	77	6087	1.76	UG/L	97
32) ETHYL ACETATE	3.522	43	6884m	2.29	UG/L	
33) BROMOCHLOROMETHANE	3.659	128	2132	2.05	UG/L	87
34) TETRAHYDROFURAN	3.712	42	2083	2.44	UG/L	# 73
35) T-BUTYL FORMATE	0.000		0	N.D.	d	
36) CHLOROFORM	3.748	83	6938	1.66	UG/L	97
37) 1,1,1-TRICHLOROETHANE	3.918	97	6372	1.69	UG/L	90
38) CYCLOHEXANE	3.952	56	12013	2.68	UG/L	86
39) CARBON TETRACHLORIDE	4.074	117	6112	1.72	UG/L	93
40) 1,1-DICHLOROPROPENE	4.088	75	6009	1.89	UG/L	98
41) BENZENE	4.306	78	16693	1.92	UG/L	99
42) T-AMYL ALCOHOL	0.000		0	N.D.	d	
43) T-AMYLMETHYL ETHER	4.443	73	11622	1.99	UG/L	96
46) 1,2-DICHLOROETHANE	4.342	62	5583	1.46	UG/L	# 95
47) TRICHLOROETHENE	4.986	95	4447	1.67	UG/L	93
48) METHYLCYCLOHEXANE	5.162	83	7632	1.83	UG/L	92
49) 1,2-DICHLOROPROPANE	5.229	63	4912	0.28	UG/L	# 84
50) DIBROMOMETHANE	5.349	93	2481	1.42	UG/L	96
51) 1,4-DIOXANE	5.402	88	353m	11.63	UG/L	
52) BROMODICHLOROMETHANE	5.530	83	5490	1.53	UG/L	# 95

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23408.D
 Acq On : 22 Aug 2023 1:43 pm
 Operator :
 Sample : 8260 STD 2.0 PPB (2307733)
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 14:04:37 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

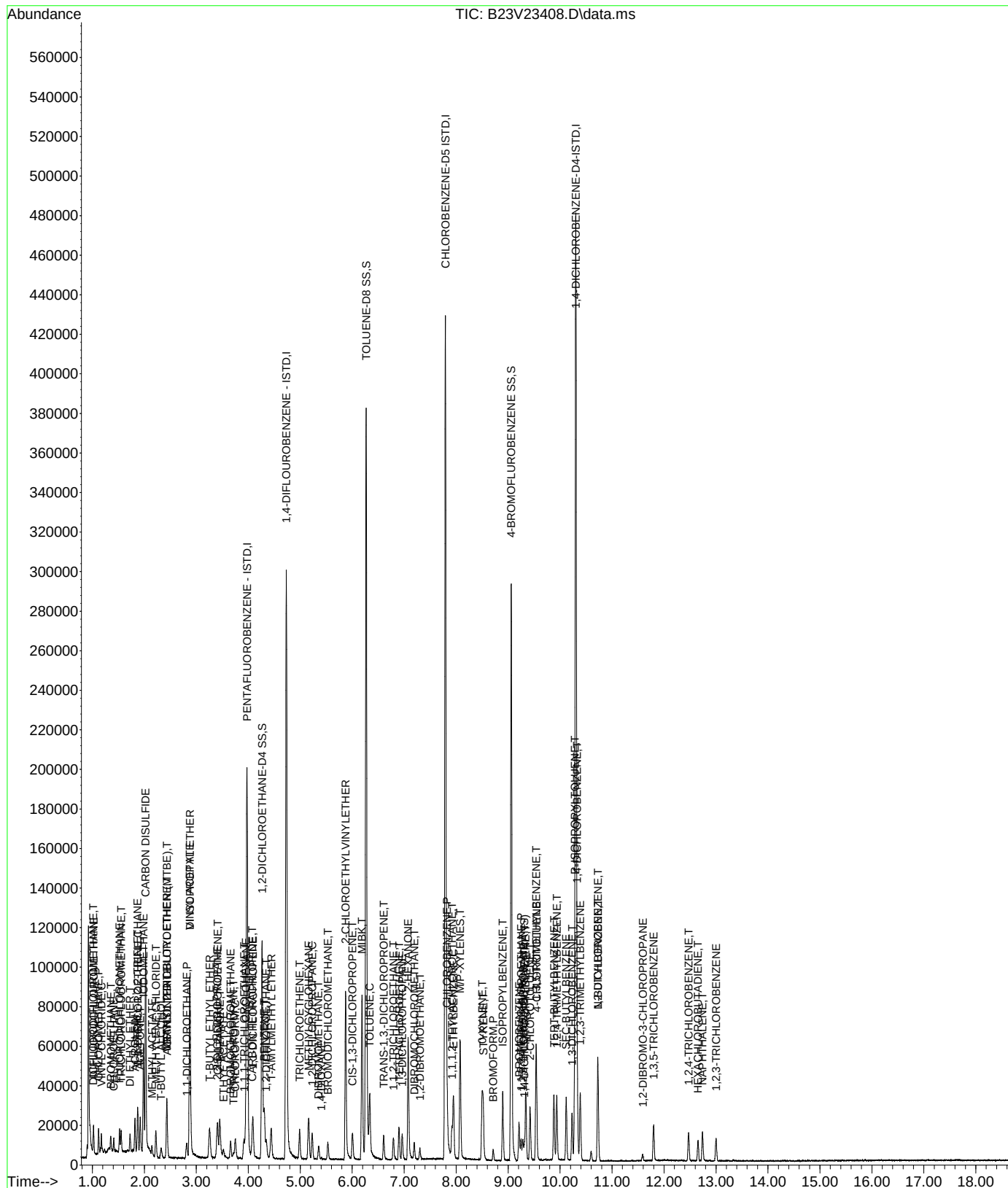
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2-CHLOROETHYL VINYLETHER	5.873	63	33952	19.45	UG/L	100
54) MIBK	6.185	43	59237	20.16	UG/L	98
55) CIS-1,3-DICHLOROPROPENE	6.004	75	7065	1.76	UG/L #	93
56) TOLUENE	6.336	91	20016	2.05	UG/L	98
57) TRANS-1,3,-DICHLOROPRO...	6.607	75	6079	1.85	UG/L	98
58) ETHYL METHACRYLATE	0.000		0	N.D.	d	
59) 1,1,2-TRICHLOROETHANE	6.793	97	3674	1.88	UG/L	97
60) 2-HEXANONE	7.078	43	44027	21.86	UG/L	99
61) TETRACHLOROETHENE	6.905	164	4060	2.00	UG/L	96
62) 1,3-DICHLOROPROPANE	6.961	76	6943	2.08	UG/L	96
63) DIBROMOCHLOROMETHANE	7.195	129	4799	1.98	UG/L	97
64) 1,2-DIBROMOETHANE	7.304	107	4065	1.99	UG/L #	97
67) CHLOROBENZENE	7.822	112	13470	1.82	UG/L	91
68) 1,1,1,2-TETRACHLOROETHANE	7.920	131	4572	1.86	UG/L	92
69) ETHYLBENZENE	7.951	91	22817	1.83	UG/L	98
70) M/P-XYLENES	8.076	91	36867	3.60	UG/L	98
71) O-XYLENE	8.500	91	18493	1.87	UG/L	96
72) STYRENE	8.522	104	14624	1.80	UG/L	90
73) BROMOFORM	8.712	173	2959	1.55	UG/L #	99
74) ISOPROPYLBENZENE	8.893	105	24270	2.05	UG/L	98
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	d	
76) 1,1,2,2-TETRACHLOROETHANE	9.250	83	5454	1.67	UG/L	99
77) 1,4-DICHLORO-2-BUTENE(...	9.312	53	2082	1.92	UG/L	100
78) BROMOBENZENE	9.214	77	8652	1.95	UG/L	97
79) 1,2,3-TRICHLOROPROPANE	9.286	110	1572	1.76	UG/L	75
80) N-PROPYLBENZENE	9.337	91	28246	2.01	UG/L	98
81) 2-CHLOROTOLUENE	9.423	91	16497	1.99	UG/L	98
82) 1,3,5-TRIMETHYLBENZENE	9.537	105	20157	2.02	UG/L	98
83) 4-CHLOROTOLUENE	9.546	91	18961	1.98	UG/L	96
85) TERT-BUTYLBENZENE	9.883	119	17720	2.11	UG/L	88
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	19822	1.98	UG/L	97
87) SEC-BUTYLBENZENE	10.117	105	23915	1.94	UG/L	99
88) 1,3-DICHLOROBENZENE	10.229	146	11248	2.06	UG/L	98
89) P-ISOPROPYLTOLUENE	10.282	119	22176	2.10	UG/L	95
90) 1,4-DICHLOROBENZENE	10.324	146	11785	1.95	UG/L	92
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	20479	2.06	UG/L #	100
92) N-BUTYLBENZENE	10.725	91	18057	1.92	UG/L	97
93) 1,2-DICHLOROBENZENE	10.725	146	10238	1.91	UG/L	98
94) 1,2-DIBROMO-3-CHLOROPR...	11.593	75	929	2.16	UG/L	93
95) 1,3,5-TRICHLOROBENZENE	11.799	180	6885	2.36	UG/L	96
96) 1,2,4-TRICHLOROBENZENE	12.474	180	5886	2.74	UG/L	98
97) HEXACHLOROBUTADIENE	12.652	225	2602	2.65	UG/L	97
98) NAPHTHALENE	12.742	128	14055	2.54	UG/L	98
99) 1,2,3-TRICHLOROBENZENE	13.004	180	4733	2.85	UG/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

324

Inst : GCMSV0A2

Quant Time: Aug 22 14:04:37 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



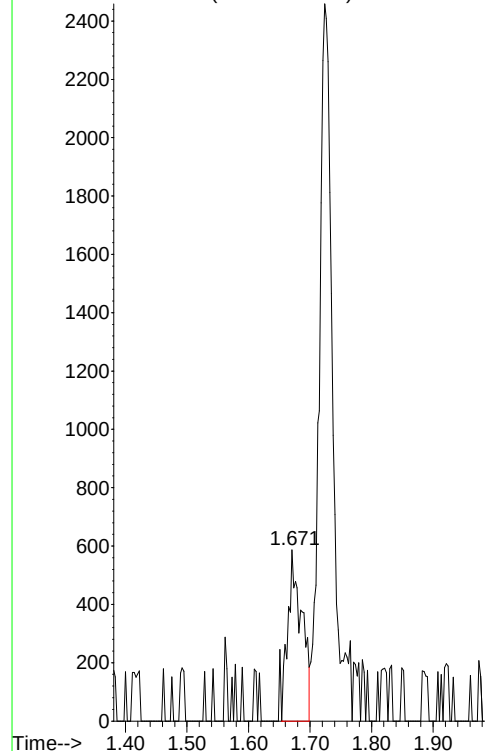
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23408.D
Acq On : 22 Aug 2023 1:43 pm
Operator :
Sample : 8260 STD 2.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:06:03 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

ETHANOL

Abundance Ion 45.10 (44.80 to 45.80): B23V23408.D



Original Int. Results

RT : 1.67
Area : 930
Amount: 20.2161

Manual Int. Results

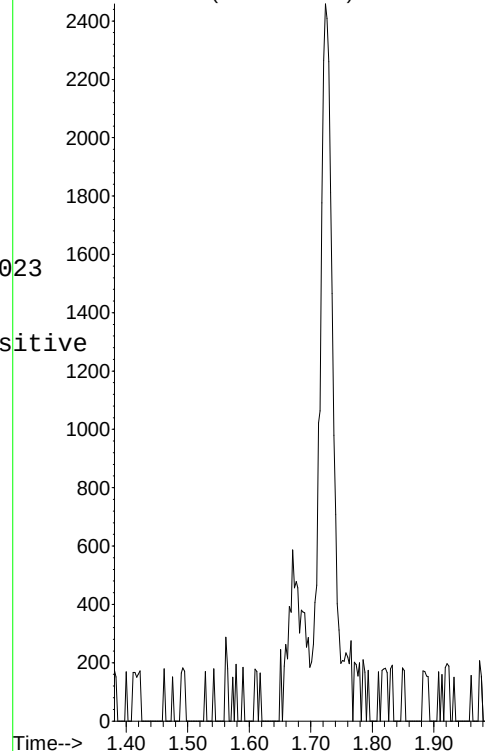
Tue Aug 22 14:04:50 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHANOL

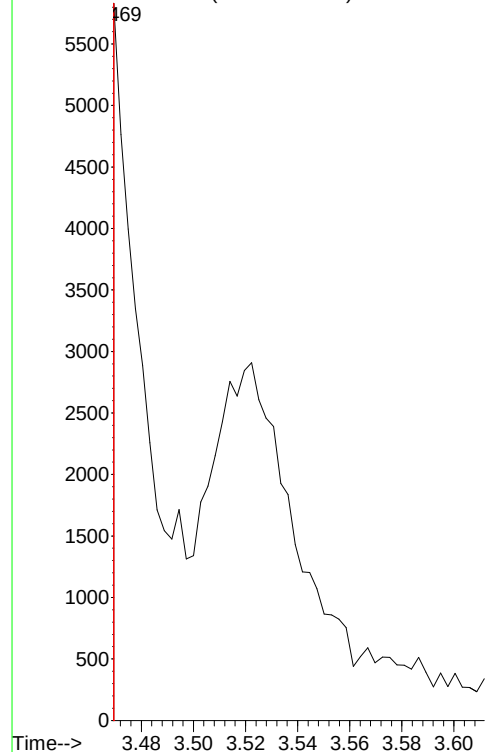
Abundance Ion 45.10 (44.80 to 45.80): B23V23408.D



Original Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23408.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

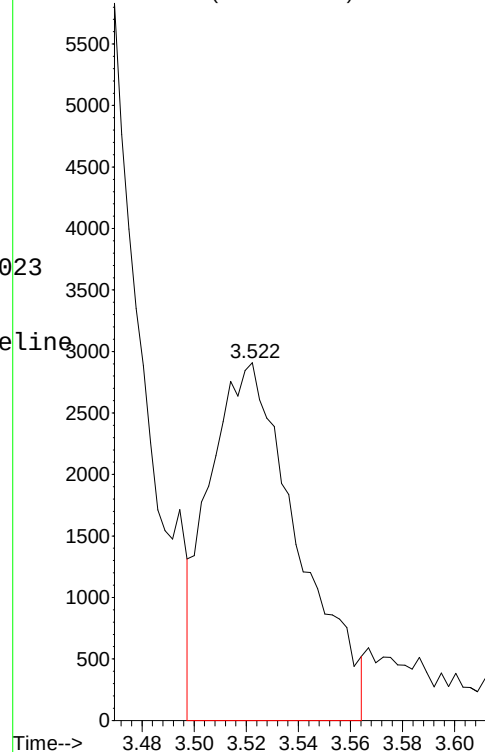
Tue Aug 22 14:05:09 2023

MIuser: LBD
Reason: Incorrect Baseline
RT : 3.52
Area : 6884
Amount: 2.29072

Manual Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23408.D



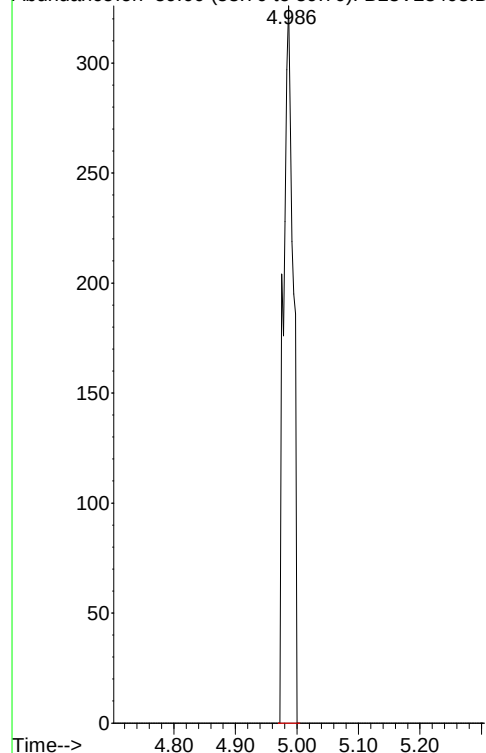
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23408.D
Acq On : 22 Aug 2023 1:43 pm
Operator :
Sample : 8260 STD 2.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:06:03 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B23V23408.D



Original Int. Results

RT : 4.99
Area : 352
Amount: 0

Manual Int. Results

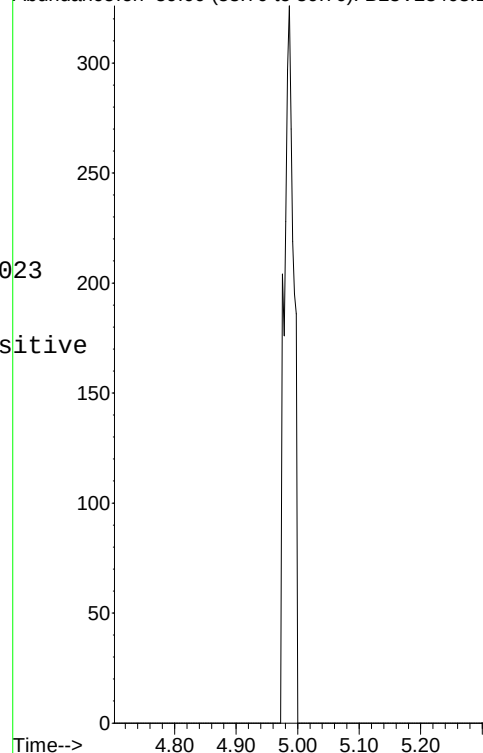
Tue Aug 22 14:05:30 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-AMYL ALCOHOL

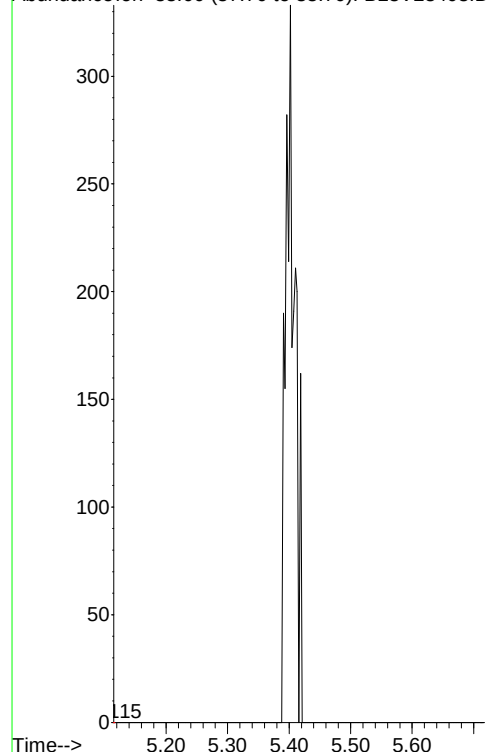
Abundance Ion 59.00 (58.70 to 59.70): B23V23408.D



Original Integration

1,4-DIOXANE

Abundance Ion 88.00 (87.70 to 88.70): B23V23408.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

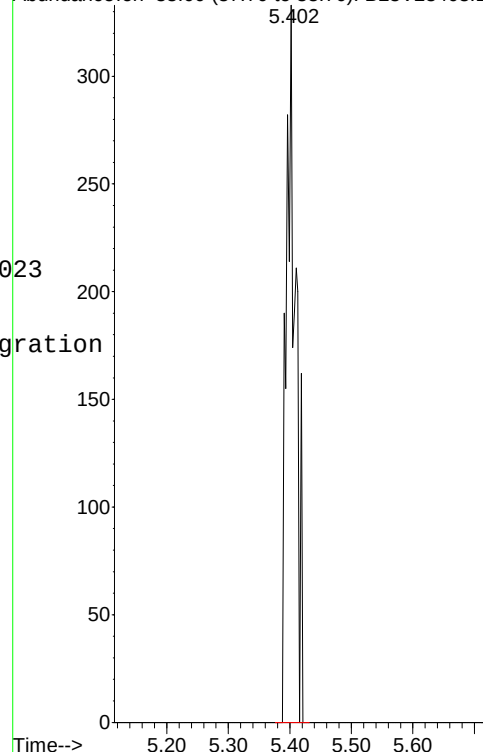
Tue Aug 22 14:05:43 2023

MIuser: LBD
Reason: Incorret Integration
RT : 5.40
Area : 353
Amount: 11.6262

Manual Integration

1,4-DIOXANE

Abundance Ion 88.00 (87.70 to 88.70): B23V23408.D

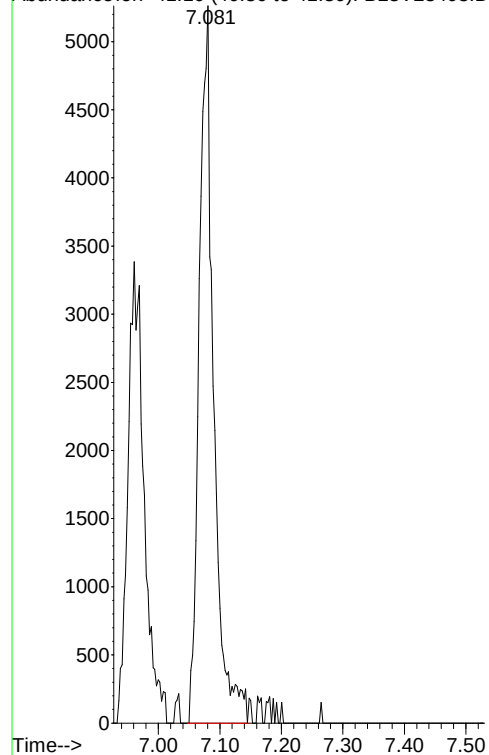


Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23408.D
Acq On : 22 Aug 2023 1:43 pm
Operator :
Sample : 8260 STD 2.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:06:03 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHYL METHACRYLATE

Abundance Ion 41.10 (40.80 to 41.80): B23V23408.D



Original Int. Results

RT : 7.08
Area : 8567
Amount: 0

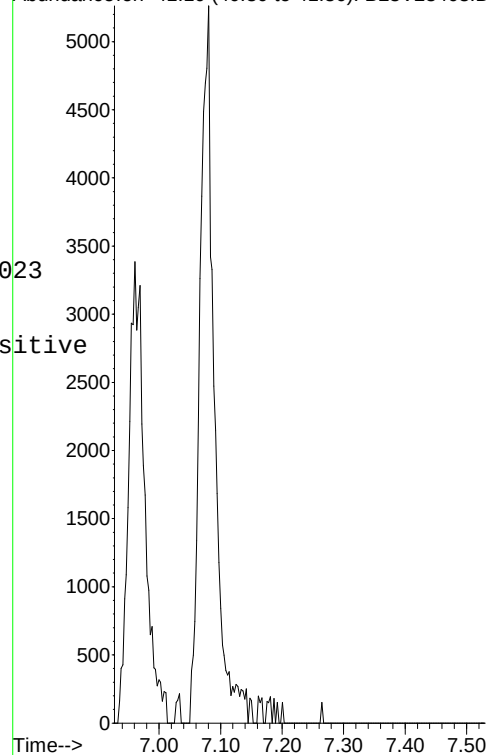
Manual Int. Results

Tue Aug 22 14:05:52 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

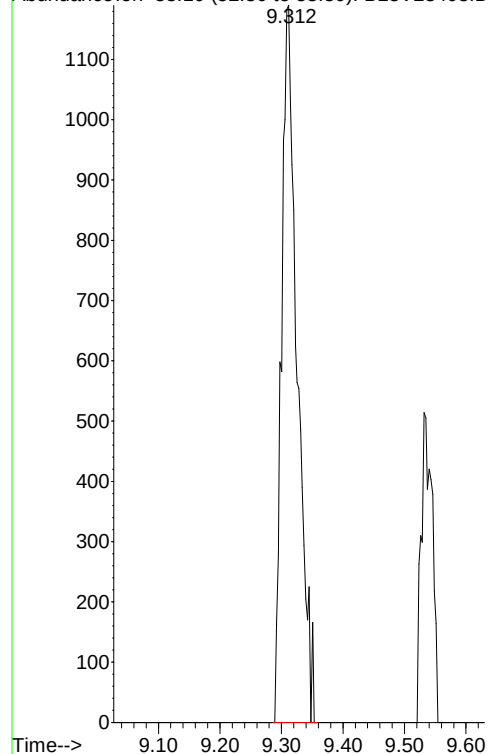
Manual Integration
ETHYL METHACRYLATE

Abundance Ion 41.10 (40.80 to 41.80): B23V23408.D



Original Integration
CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B23V23408.D



Original Int. Results

RT : 9.31
Area : 2082
Amount: 0

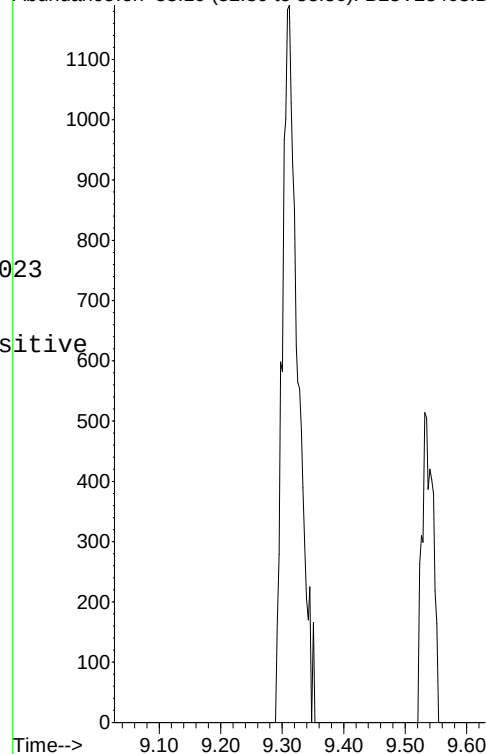
Manual Int. Results

Tue Aug 22 14:06:02 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B23V23408.D



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23409.D
 Acq On : 22 Aug 2023 2:09 pm
 Operator :
 Sample : 8260 STD 5.0 PPB (2307733)
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 14:38:49 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.974	168	138993	30.00	UG/L	-0.02
44) 1,4-DIFLUOROBENZENE - ...	4.733	114	241574	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	127747	30.00	UG/L	-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	141078	30.00	UG/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	73884	24.99	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.96%		
45) TOLUENE-D8 SS	6.266	98	251411	27.09	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	108.36%		
66) 4-BROMOFLUOROBENZENE SS	9.061	95	103177	29.57	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	118.28%		
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.013	85	11866	4.63	UG/L	99
4) DIFLUOROCHLOROMETHANE	1.024	51	18450	5.31	UG/L	96
5) CHLOROMETHANE	1.119	50	21695	4.87	UG/L	100
6) VINYL CHLORIDE	1.172	62	15297	3.91	UG/L	99
7) BROMOMETHANE	1.350	94	6721	1.82	UG/L	90
8) CHLOROETHANE	1.406	64	8099	2.96	UG/L	98
9) FLUORODICHLOROMETHANE	1.520	67	18384	2.95	UG/L	93
10) TRICHLOROFLUOROMETHANE	1.551	101	15329	2.47	UG/L	99
11) ETHANOL	1.676	45	2132	46.25	UG/L #	73
12) DI ETHYL ETHER	1.724	59	8316	4.15	UG/L	89
13) ACROLEIN	1.819	56	26326	46.10	UG/L #	97
14) ACETONE	1.919	43	45778	41.24	UG/L	99
15) 1,1-DICHLOROETHENE	1.871	61	16638	3.42	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.866	101	9256	2.94	UG/L	98
17) IODOMETHANE	1.980	142	138786	23.14	UG/L	95
18) METHYL ACETATE	2.145	43	13226	4.42	UG/L	98
19) T-BUTYL ALCOHOL	2.320	59	14574	56.41	UG/L	99
20) ACRYLONITRILE	2.435	53	5454	5.67	UG/L	95
21) METHYLENE CHLORIDE	2.217	49	19428	4.12	UG/L	96
22) CARBON DISULFIDE	2.022	76	276274	31.38	UG/L	99
23) METHYL TERT-BUTYL ETHE...	2.432	73	29064	4.78	UG/L	99
24) TRANS 1,2-DICHLOROETHENE	2.432	61	16932	5.19	UG/L	90
25) 1,1-DICHLOROETHANE	2.811	63	21742	5.00	UG/L	100
26) VINYL ACETATE	2.873	43	322937	57.28	UG/L	100
27) DI ISOPROPYL ETHER	2.875	45	48118	5.48	UG/L #	98
28) 2-BUTANONE	3.447	43	69579	55.20	UG/L	98
29) T-BUTYL ETHYL ETHER	3.257	59	37467	5.52	UG/L	95
30) CIS-1,2-DICHLOROETHENE	3.411	61	19592	4.96	UG/L	92
31) 2,2-DICHLOROPROPANE	3.402	77	15990	4.61	UG/L	97
32) ETHYL ACETATE	3.514	43	18999m	6.31	UG/L	
33) BROMOCHLOROMETHANE	3.659	128	5376	5.15	UG/L	92
34) TETRAHYDROFURAN	3.715	42	5255	6.14	UG/L #	90
35) T-BUTYL FORMATE	0.000		0	N.D.	d	
36) CHLOROFORM	3.751	83	19254	4.60	UG/L	99
37) 1,1,1-TRICHLOROETHANE	3.916	97	17428	4.61	UG/L	93
38) CYCLOHEXANE	3.955	56	26902	5.99	UG/L	93
39) CARBON TETRACHLORIDE	4.077	117	16131	4.52	UG/L	96
40) 1,1-DICHLOROPROPENE	4.088	75	15525	4.88	UG/L	98
41) BENZENE	4.309	78	43933	5.05	UG/L	99
42) T-AMYL ALCOHOL	0.000		0	N.D.	d	
43) T-AMYLMETHYL ETHER	4.440	73	31677	5.40	UG/L	94
46) 1,2-DICHLOROETHANE	4.342	62	16068m	4.14	UG/L	
47) TRICHLOROETHENE	4.984	95	11963m	4.43	UG/L	
48) METHYLCYCLOHEXANE	5.162	83	19452	4.60	UG/L	95
49) 1,2-DICHLOROPROPANE	5.229	63	13036	0.74	UG/L	87
50) DIBROMOMETHANE	5.354	93	6736	3.80	UG/L	96
51) 1,4-DIOXANE	5.399	88	1354	44.03	UG/L #	55
52) BROMODICHLOROMETHANE	5.533	83	14962	4.13	UG/L	99

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23409.D
 Acq On : 22 Aug 2023 2:09 pm
 Operator :
 Sample : 8260 STD 5.0 PPB (2307733)
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 14:38:49 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

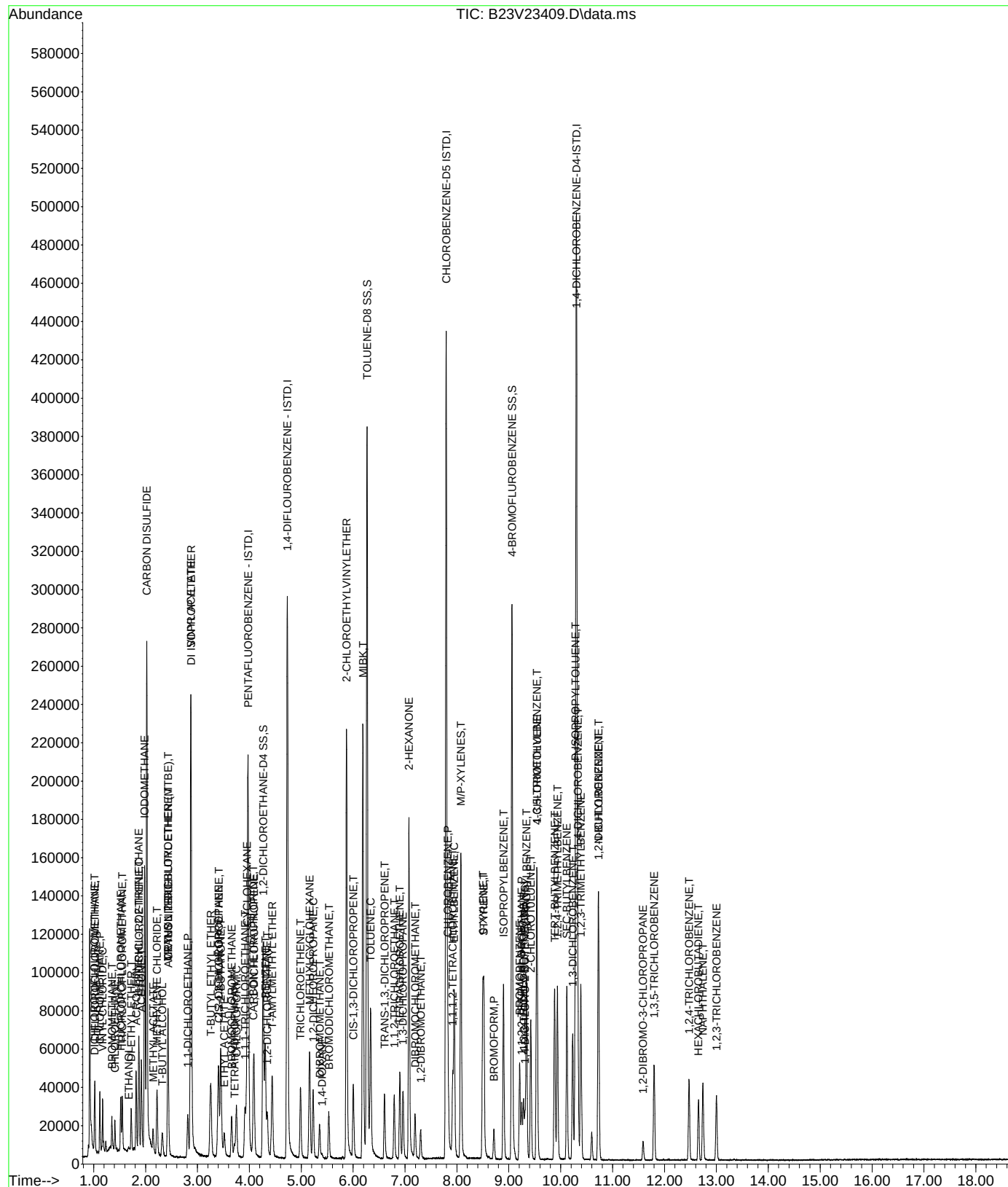
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2-CHLOROETHYL VINYLETHER	5.870	63	91020	51.49	UG/L	99
54) MIBK	6.188	43	163010	54.79	UG/L	98
55) CIS-1,3-DICHLOROPROPENE	6.004	75	19318	4.76	UG/L	93
56) TOLUENE	6.336	91	50911	5.15	UG/L	100
57) TRANS-1,3,-DICHLOROPRO...	6.607	75	16445	4.95	UG/L #	86
58) ETHYL METHACRYLATE	0.000		0	N.D.	d	
59) 1,1,2-TRICHLOROETHANE	6.791	97	10119	5.12	UG/L	96
60) 2-HEXANONE	7.075	43	122181	59.89	UG/L	98
61) TETRACHLOROETHENE	6.899	164	10906	5.31	UG/L	97
62) 1,3-DICHLOROPROPANE	6.958	76	18215	5.39	UG/L	95
63) DIBROMOCHLOROMETHANE	7.195	129	12590	5.12	UG/L	97
64) 1,2-DIBROMOETHANE	7.304	107	11344	5.47	UG/L #	98
67) CHLOROBENZENE	7.822	112	35579	4.88	UG/L	99
68) 1,1,1,2-TETRACHLOROETHANE	7.917	131	12773	5.28	UG/L	96
69) ETHYLBENZENE	7.948	91	61125	5.00	UG/L	100
70) M/P-XYLENES	8.076	91	94642	9.40	UG/L	94
71) O-XYLENE	8.497	91	47865	4.94	UG/L	94
72) STYRENE	8.517	104	40172	5.05	UG/L	89
73) BROMOFORM	8.712	173	8364	4.46	UG/L #	99
74) ISOPROPYLBENZENE	8.896	105	63919	5.51	UG/L	99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	d	
76) 1,1,2,2-TETRACHLOROETHANE	9.247	83	14487	4.51	UG/L	97
77) 1,4-DICHLORO-2-BUTENE(...	9.312	53	5703	5.35	UG/L	90
78) BROMOBENZENE	9.211	77	22640	5.19	UG/L	98
79) 1,2,3-TRICHLOROPROPANE	9.284	110	4587	5.24	UG/L	90
80) N-PROPYLBENZENE	9.339	91	74972	5.42	UG/L	96
81) 2-CHLOROTOLUENE	9.423	91	43880	5.40	UG/L	96
82) 1,3,5-TRIMETHYLBENZENE	9.537	105	52996	5.40	UG/L	96
83) 4-CHLOROTOLUENE	9.543	91	49941	5.30	UG/L	95
85) TERT-BUTYLBENZENE	9.883	119	46422	5.42	UG/L	91
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	52657	5.15	UG/L	97
87) SEC-BUTYLBENZENE	10.118	105	65319	5.19	UG/L	99
88) 1,3-DICHLOROBENZENE	10.229	146	29195	5.24	UG/L	99
89) P-ISOPROPYLTOLUENE	10.282	119	58803	5.47	UG/L	96
90) 1,4-DICHLOROBENZENE	10.327	146	30893	5.01	UG/L	98
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	55259	5.44	UG/L #	100
92) N-BUTYLBENZENE	10.725	91	49689	5.19	UG/L	99
93) 1,2-DICHLOROBENZENE	10.731	146	27927	5.12	UG/L	99
94) 1,2-DIBROMO-3-CHLOROPR...	11.584	75	2848	6.49	UG/L	92
95) 1,3,5-TRICHLOROBENZENE	11.799	180	19384	6.53	UG/L	93
96) 1,2,4-TRICHLOROBENZENE	12.474	180	15980	7.31	UG/L	99
97) HEXACHLOROBUTADIENE	12.652	225	7228	7.22	UG/L	99
98) NAPHTHALENE	12.742	128	39210	6.94	UG/L	99
99) 1,2,3-TRICHLOROBENZENE	13.004	180	13053	7.70	UG/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

330

Inst : GCMSV0A2

Quant Time: Aug 22 14:38:49 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



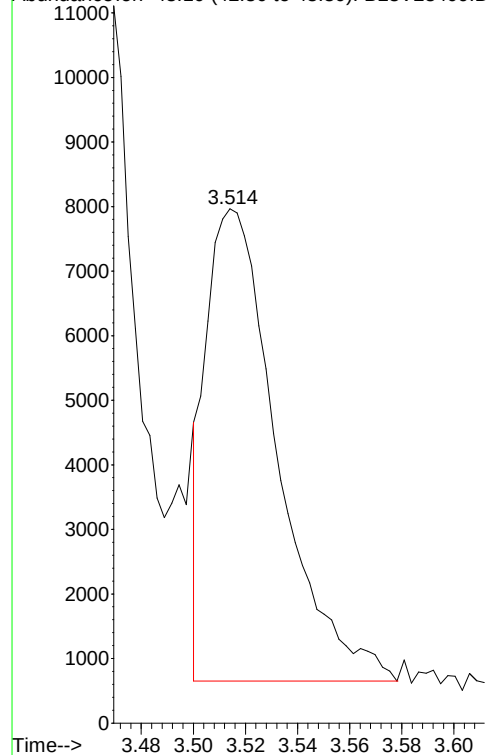
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23409.D
Acq On : 22 Aug 2023 2:09 pm
Operator :
Sample : 8260 STD 5.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:41:32 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

ETHYL ACETATE

AbundanceIon 43.10 (42.80 to 43.80): B23V23409.D



Original Int. Results

RT : 3.51
Area : 13996
Amount: 4.6482

Manual Int. Results

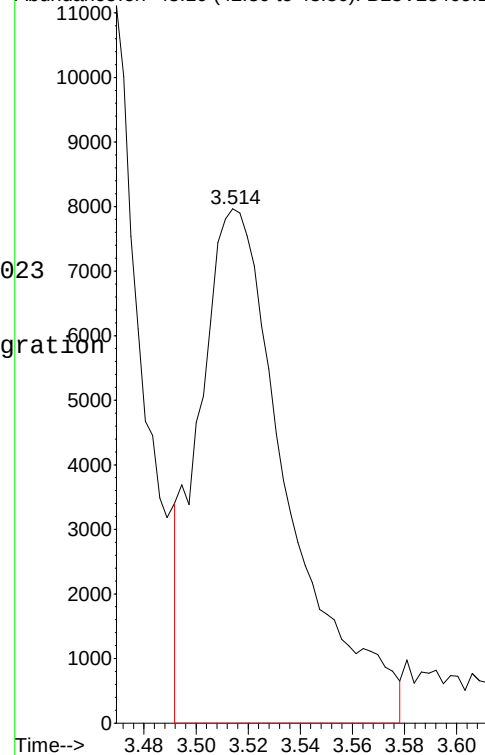
Tue Aug 22 14:40:31 2023

MIuser: LBD
Reason: Incoret Integration
RT : 3.51
Area : 18999
Amount: 6.30974

Manual Integration

ETHYL ACETATE

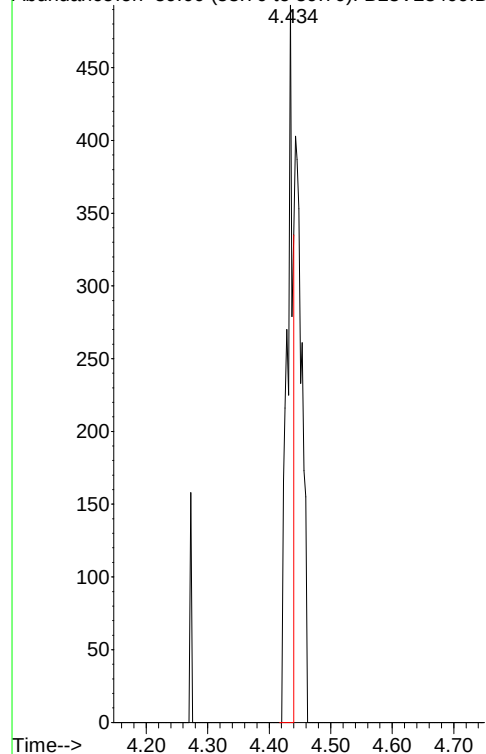
AbundanceIon 43.10 (42.80 to 43.80): B23V23409.D



Original Integration

T-BUTYL FORMATE

AbundanceIon 59.00 (58.70 to 59.70): B23V23409.D



Original Int. Results

RT : 4.43
Area : 332
Amount: 0

Manual Int. Results

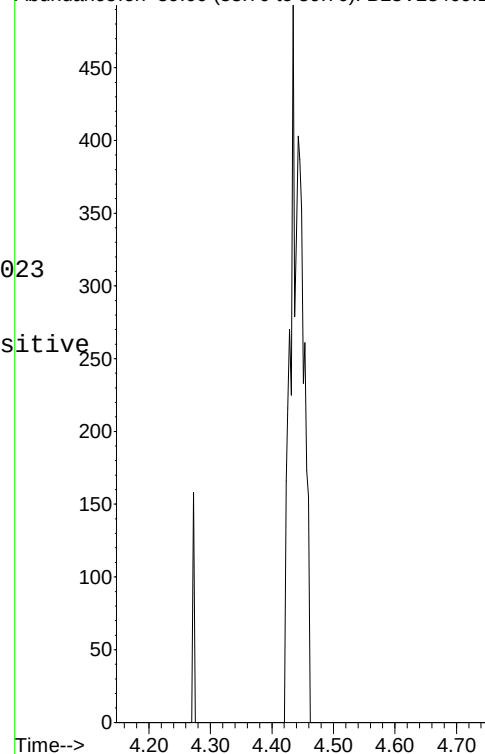
Tue Aug 22 14:40:44 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL FORMATE

AbundanceIon 59.00 (58.70 to 59.70): B23V23409.D



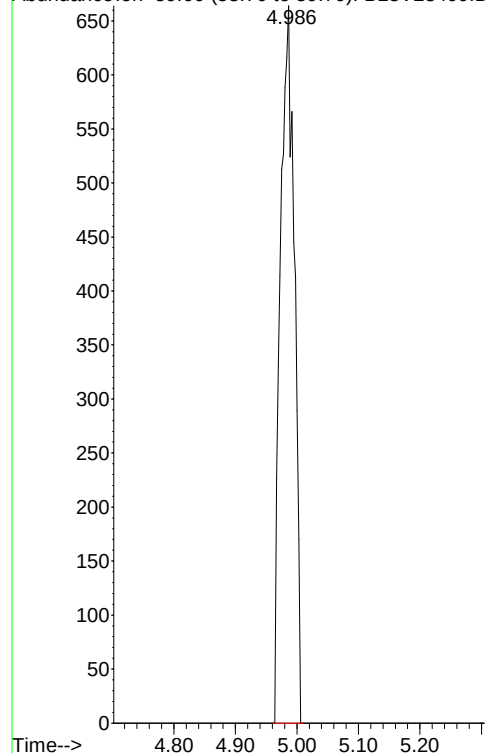
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23409.D
Acq On : 22 Aug 2023 2:09 pm
Operator :
Sample : 8260 STD 5.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:41:32 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B23V23409.D



Original Int. Results

RT : 4.99
Area : 1052
Amount: 0

Manual Int. Results

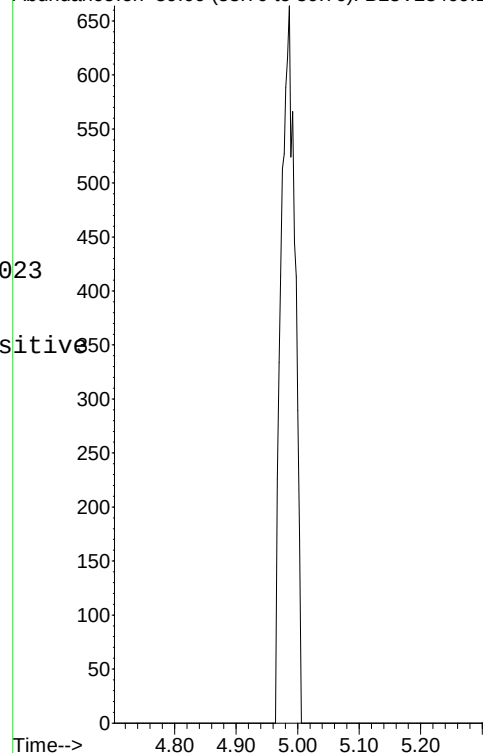
Tue Aug 22 14:40:50 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-AMYL ALCOHOL

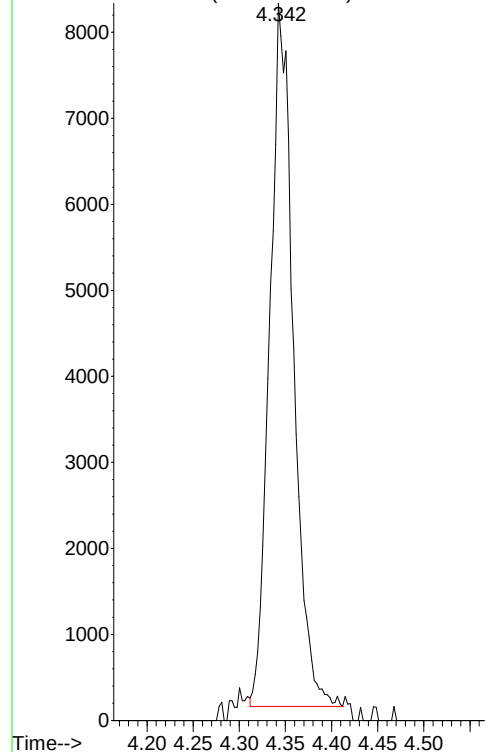
Abundance Ion 59.00 (58.70 to 59.70): B23V23409.D



Original Integration

1,2-DICHLOROETHANE

Abundance Ion 62.00 (61.70 to 62.70): B23V23409.D



Original Int. Results

RT : 4.34
Area : 14547
Amount: 3.747

Manual Int. Results

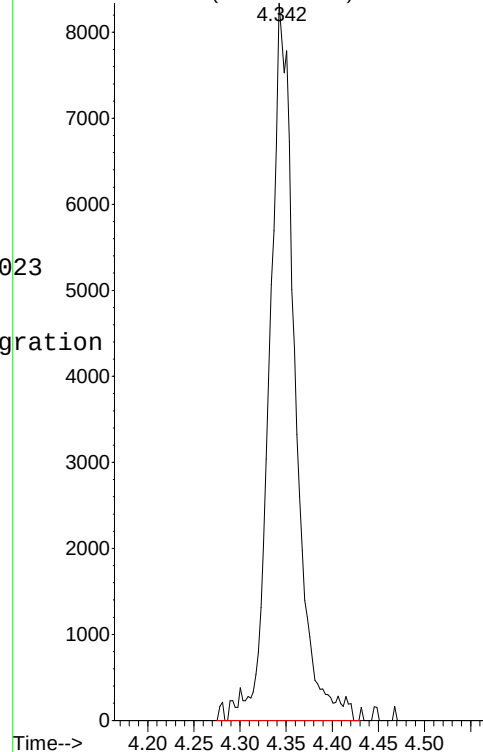
Tue Aug 22 14:41:06 2023

MIuser: LBD
Reason: Incorret Integration
RT : 4.34
Area : 16068
Amount: 4.13878

Manual Integration

1,2-DICHLOROETHANE

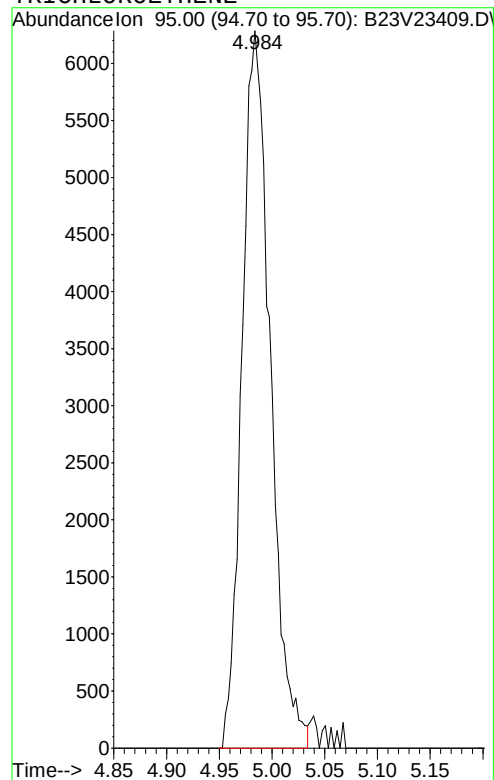
Abundance Ion 62.00 (61.70 to 62.70): B23V23409.D



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23409.D
Acq On : 22 Aug 2023 2:09 pm
Operator :
Sample : 8260 STD 5.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:41:32 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
TRICHLOROETHENE



Original Int. Results

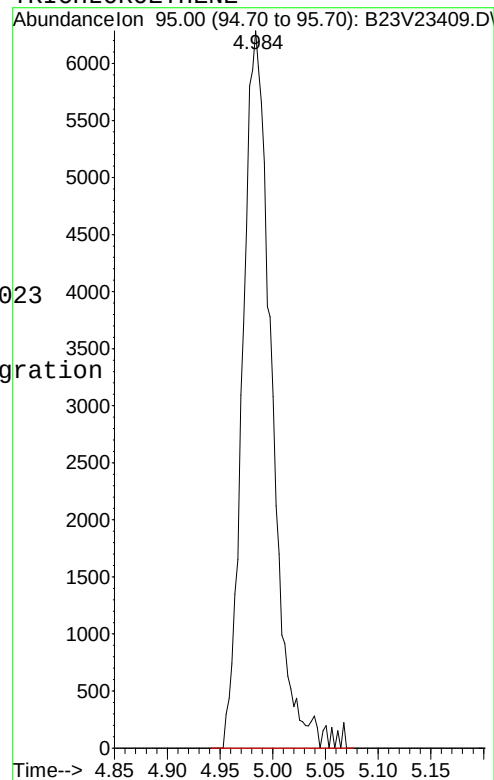
RT : 4.98
Area : 11695
Amount: 4.32796

Manual Int. Results

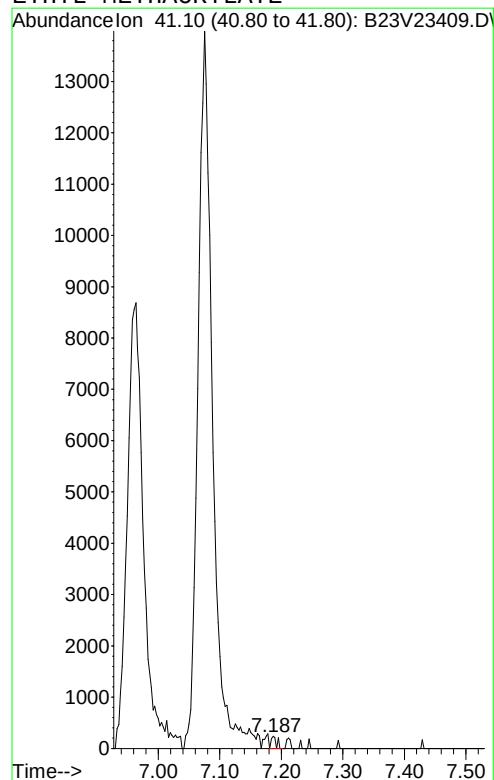
Tue Aug 22 14:41:12 2023

MIuser: LBD
Reason: Incoret Integration
RT : 4.98
Area : 11963
Amount: 4.42714

Manual Integration
TRICHLOROETHENE



Original Integration
ETHYL METHACRYLATE



Original Int. Results

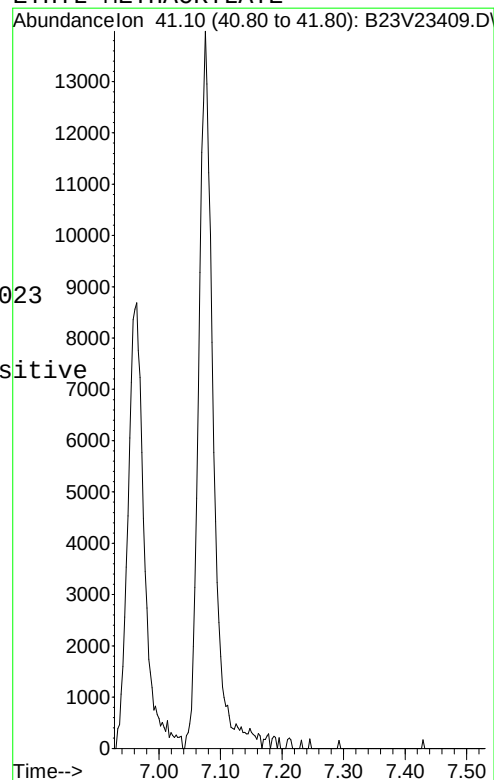
RT : 7.19
Area : 142
Amount: 0

Manual Int. Results

Tue Aug 22 14:41:20 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

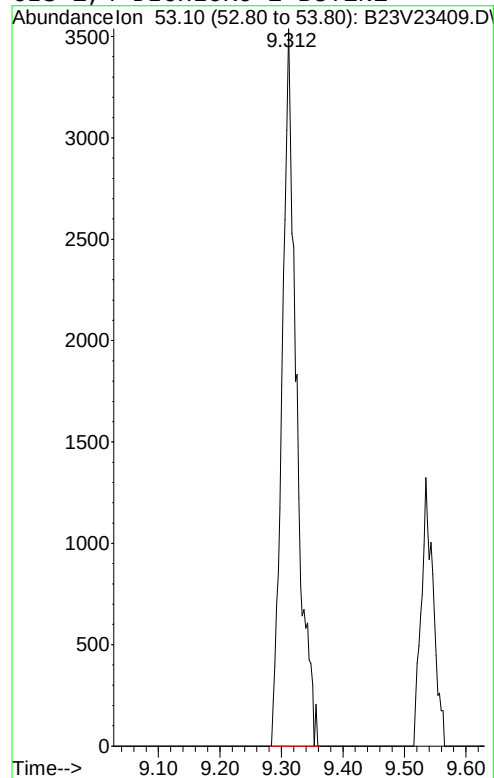
Manual Integration
ETHYL METHACRYLATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23409.D
Acq On : 22 Aug 2023 2:09 pm
Operator :
Sample : 8260 STD 5.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:41:32 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

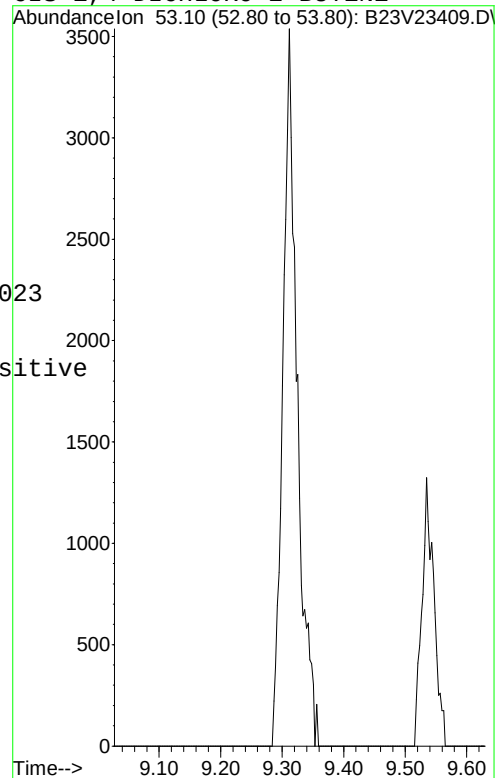
RT : 9.31
Area : 5703
Amount: 0

Manual Int. Results

Tue Aug 22 14:41:31 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23410.D
 Acq On : 22 Aug 2023 2:36 pm
 Operator :
 Sample : 8260 STD 10 PPB (2307733)
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 15:03:32 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.974	168	136761	30.00	UG/L	-0.02
44) 1,4-DIFLUOROBENZENE - ...	4.733	114	240190	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	130035	30.00	UG/L	-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	140218	30.00	UG/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	70887	24.36	UG/L	-0.02
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.44%	
45) TOLUENE-D8 SS	6.267	98	251556	27.26	UG/L	-0.02
Spiked Amount 25.000	Range 70	- 130	Recovery	=	109.04%	
66) 4-BROMOFLUOROBENZENE SS	9.061	95	101977	28.71	UG/L	-0.02
Spiked Amount 25.000	Range 70	- 130	Recovery	=	114.84%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.016	85	24389	9.68	UG/L	99
4) DIFLUOROCHLOROMETHANE	1.024	51	37848	11.07	UG/L	97
5) CHLOROMETHANE	1.119	50	43676	9.96	UG/L	98
6) VINYL CHLORIDE	1.175	62	31944	8.30	UG/L	98
7) BROMOMETHANE	1.347	94	13066	3.60	UG/L	87
8) CHLOROETHANE	1.406	64	16819	6.25	UG/L	96
9) FLUORODICHLOROMETHANE	1.520	67	39109	6.37	UG/L	97
10) TRICHLOROFLUOROMETHANE	1.551	101	31706	5.19	UG/L	99
11) ETHANOL	1.674	45	3792	83.61	UG/L	# 73
12) DI ETHYL ETHER	1.724	59	17081	8.66	UG/L	87
13) ACROLEIN	1.819	56	53422	95.07	UG/L	# 85
14) ACETONE	1.919	43	88197	80.75	UG/L	99
15) 1,1-DICHLOROETHENE	1.872	61	34576	7.22	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.866	101	19026	6.14	UG/L	98
17) IODOMETHANE	1.983	142	298356	50.56	UG/L	95
18) METHYL ACETATE	2.145	43	25938	8.81	UG/L	99
19) T-BUTYL ALCOHOL	2.323	59	29972	117.90	UG/L	96
20) ACRYLONITRILE	2.432	53	11142	11.77	UG/L	96
21) METHYLENE CHLORIDE	2.220	49	38216	8.24	UG/L	95
22) CARBON DISULFIDE	2.025	76	563191	65.00	UG/L	99
23) METHYL TERT-BUTYL ETHE...	2.435	73	59325	9.91	UG/L	98
24) TRANS 1,2-DICHLOROETHENE	2.429	61	35536	11.06	UG/L	94
25) 1,1-DICHLOROETHANE	2.811	63	43055	10.07	UG/L	99
26) VINYL ACETATE	2.873	43	715679	129.01	UG/L	100
27) DI ISOPROPYL ETHER	2.876	45	98830	11.44	UG/L	# 99
28) 2-BUTANONE	3.447	43	140492	113.28	UG/L	99
29) T-BUTYL ETHYL ETHER	3.252	59	77408	11.60	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.411	61	40365	10.40	UG/L	93
31) 2,2-DICHLOROPROPANE	3.403	77	32801	9.61	UG/L	98
32) ETHYL ACETATE	3.514	43	36539m	12.33	UG/L	
33) BROMOCHLOROMETHANE	3.656	128	11283	10.99	UG/L	86
34) TETRAHYDROFURAN	3.712	42	10521	12.48	UG/L	98
35) T-BUTYL FORMATE	0.000		0	N.D.	d	
36) CHLOROFORM	3.751	83	37246	9.04	UG/L	99
37) 1,1,1-TRICHLOROETHANE	3.916	97	35197	9.46	UG/L	91
38) CYCLOHEXANE	3.955	56	52879	11.97	UG/L	96
39) CARBON TETRACHLORIDE	4.078	117	31193	8.89	UG/L	98
40) 1,1-DICHLOROPROPENE	4.091	75	31926	10.20	UG/L	98
41) BENZENE	4.303	78	87241	10.19	UG/L	98
42) T-AMYL ALCOHOL	0.000		0	N.D.	d	
43) T-AMYLMETHYL ETHER	4.437	73	63520	11.01	UG/L	94
46) 1,2-DICHLOROETHANE	4.345	62	31489	8.16	UG/L	# 95
47) TRICHLOROETHENE	4.984	95	24629m	9.17	UG/L	
48) METHYLCYCLOHEXANE	5.160	83	41582	9.89	UG/L	91
49) 1,2-DICHLOROPROPANE	5.226	63	26744	1.52	UG/L	89
50) DIBROMOMETHANE	5.352	93	13751m	7.80	UG/L	
51) 1,4-DIOXANE	5.394	88	2997	98.03	UG/L	# 82
52) BROMODICHLOROMETHANE	5.533	83	30197	8.38	UG/L	98

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23410.D
 Acq On : 22 Aug 2023 2:36 pm
 Operator :
 Sample : 8260 STD 10 PPB (2307733)
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 15:03:32 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

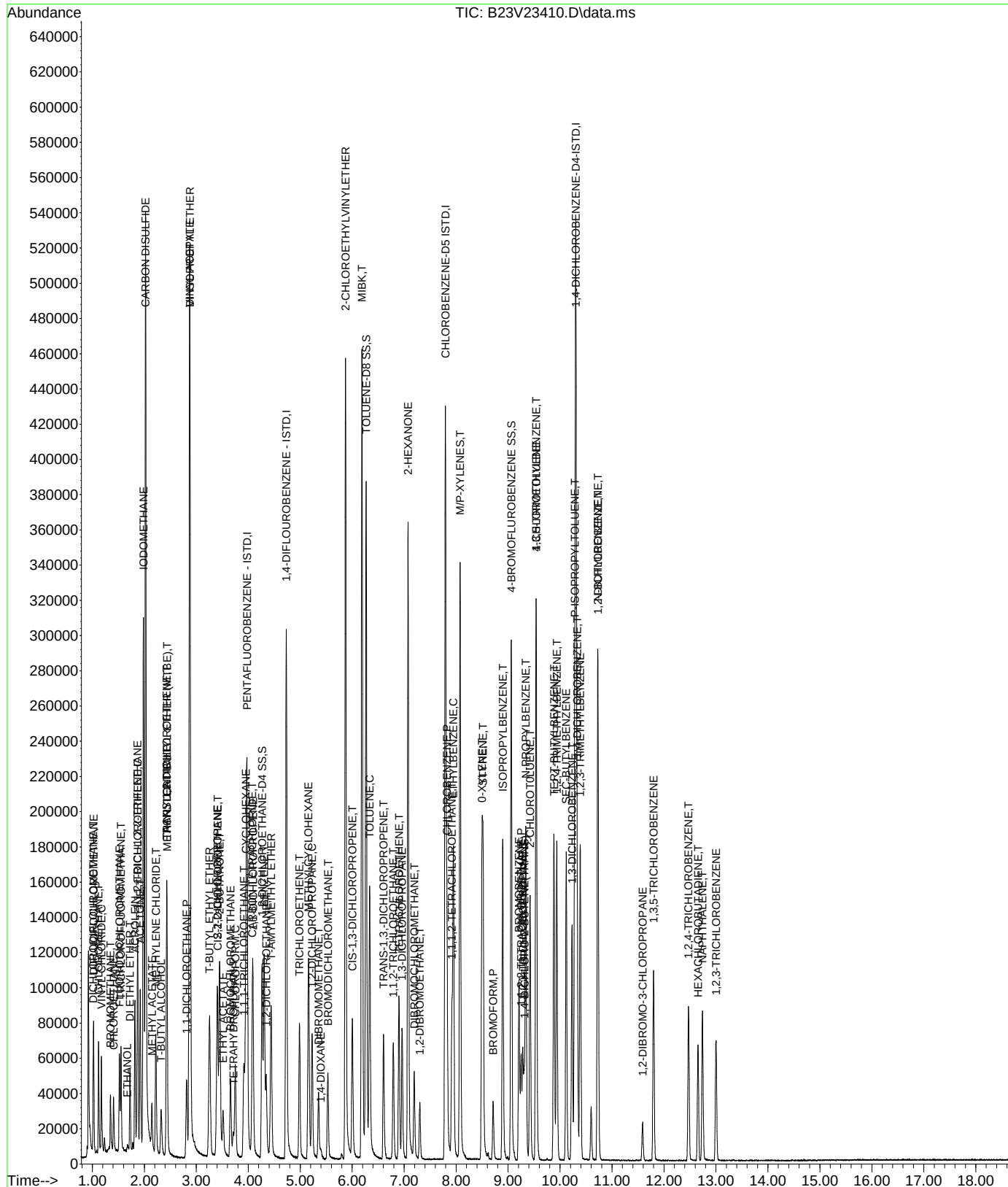
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2-CHLOROETHYL VINYLETHYR	5.871	63	182854	104.03	UG/L	98
54) MIBK	6.186	43	327716	110.78	UG/L	98
55) CIS-1,3-DICHLOROPROPENE	6.004	75	40177	9.96	UG/L	86
56) TOLUENE	6.336	91	105683	10.76	UG/L	98
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	34114	10.34	UG/L	87
58) ETHYL METHACRYLATE	0.000		0	N.D.	d	
59) 1,1,2-TRICHLOROETHANE	6.788	97	20773	10.57	UG/L	96
60) 2-HEXANONE	7.075	43	249492	123.00	UG/L	99
61) TETRACHLOROETHENE	6.902	164	22358m	10.96	UG/L	
62) 1,3-DICHLOROPROPANE	6.958	76	37318	11.11	UG/L	93
63) DIBROMOCHLOROMETHANE	7.195	129	25995m	10.63	UG/L	
64) 1,2-DIBROMOETHANE	7.301	107	22969	11.15	UG/L	# 99
67) CHLOROBENZENE	7.823	112	73841	9.96	UG/L	96
68) 1,1,1,2-TETRACHLOROETHANE	7.917	131	26356	10.71	UG/L	95
69) ETHYLBENZENE	7.948	91	123745	9.94	UG/L	99
70) M/P-XYLENES	8.076	91	191324	18.67	UG/L	94
71) O-XYLENE	8.495	91	98682	10.01	UG/L	95
72) STYRENE	8.517	104	82145	10.14	UG/L	88
73) BROMOFORM	8.709	173	17195	9.00	UG/L	# 98
74) ISOPROPYLBENZENE	8.896	105	129341	10.95	UG/L	99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	d	
76) 1,1,2,2-TETRACHLOROETHANE	9.250	83	30463	9.31	UG/L	100
77) 1,4-DICHLORO-2-BUTENE(...	9.315	53	11489	10.59	UG/L	# 85
78) BROMOBENZENE	9.209	77	45306	10.20	UG/L	95
79) 1,2,3-TRICHLOROPROPANE	9.284	110	9692	10.88	UG/L	96
80) N-PROPYLBENZENE	9.340	91	152763	10.86	UG/L	96
81) 2-CHLOROTOLUENE	9.423	91	86118	10.42	UG/L	93
82) 1,3,5-TRIMETHYLBENZENE	9.538	105	108244	10.84	UG/L	95
83) 4-CHLOROTOLUENE	9.540	91	101861	10.62	UG/L	95
85) TERT-BUTYLBENZENE	9.883	119	95735	11.25	UG/L	89
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	107063	10.54	UG/L	97
87) SEC-BUTYLBENZENE	10.118	105	132717	10.62	UG/L	99
88) 1,3-DICHLOROBENZENE	10.232	146	60357	10.89	UG/L	99
89) P-ISOPROPYLTOLUENE	10.282	119	121365	11.36	UG/L	96
90) 1,4-DICHLOROBENZENE	10.327	146	62251	10.16	UG/L	97
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	111315	11.03	UG/L	# 100
92) N-BUTYLBENZENE	10.726	91	103782	10.91	UG/L	98
93) 1,2-DICHLOROBENZENE	10.728	146	56678	10.45	UG/L	99
94) 1,2-DIBROMO-3-CHLOROPR...	11.587	75	5427	12.45	UG/L	85
95) 1,3,5-TRICHLOROBENZENE	11.799	180	38834	13.16	UG/L	94
96) 1,2,4-TRICHLOROBENZENE	12.471	180	33372	15.35	UG/L	96
97) HEXACHLOROBUTADIENE	12.655	225	15026	15.10	UG/L	99
98) NAPHTHALENE	12.742	128	78799	14.04	UG/L	98
99) 1,2,3-TRICHLOROBENZENE	13.001	180	26584	15.78	UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

337

Inst : GCMSV0A2

Quant Time: Aug 22 15:03:32 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

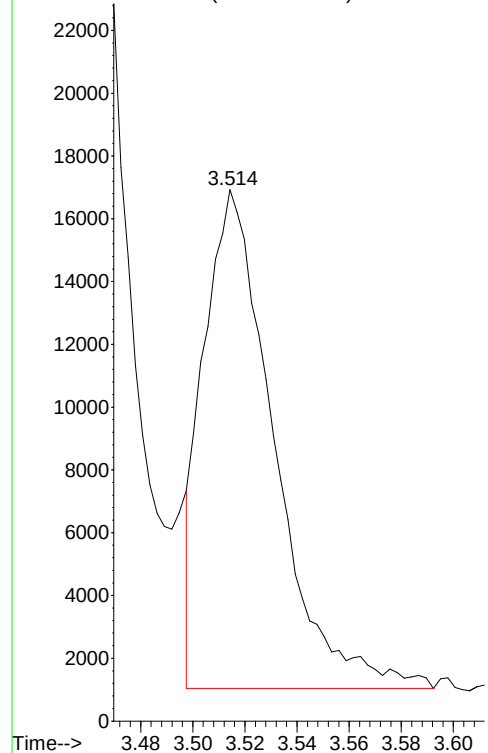


Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23410.D
Acq On : 22 Aug 2023 2:36 pm
Operator :
Sample : 8260 STD 10 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:04:55 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23410.D



Original Int. Results

RT : 3.51
Area : 29921
Amount: 10.0992

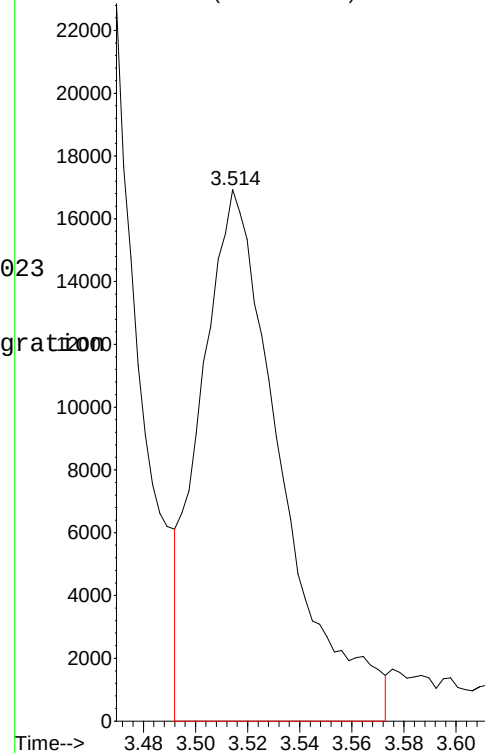
Manual Int. Results

Tue Aug 22 15:03:57 2023

MIuser: LBD
Reason: Incorrect Integration
RT : 3.51
Area : 36539
Amount: 12.333

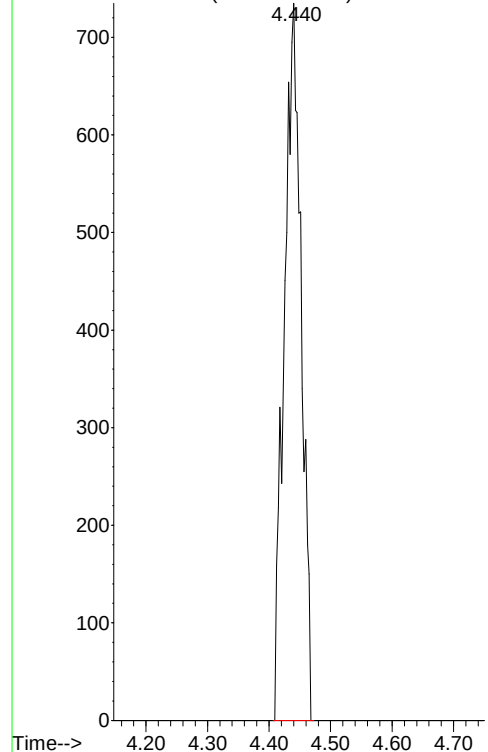
Manual Integration
ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23410.D



Original Integration
T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B23V23410.D



Original Int. Results

RT : 4.44
Area : 1408
Amount: 0

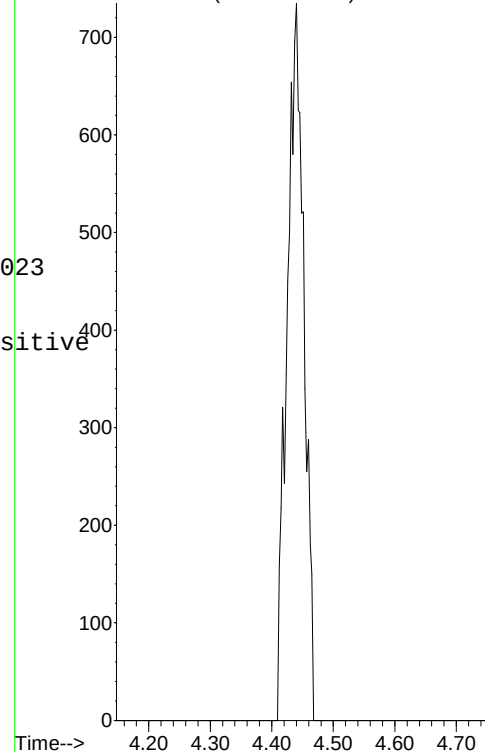
Manual Int. Results

Tue Aug 22 15:04:05 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B23V23410.D



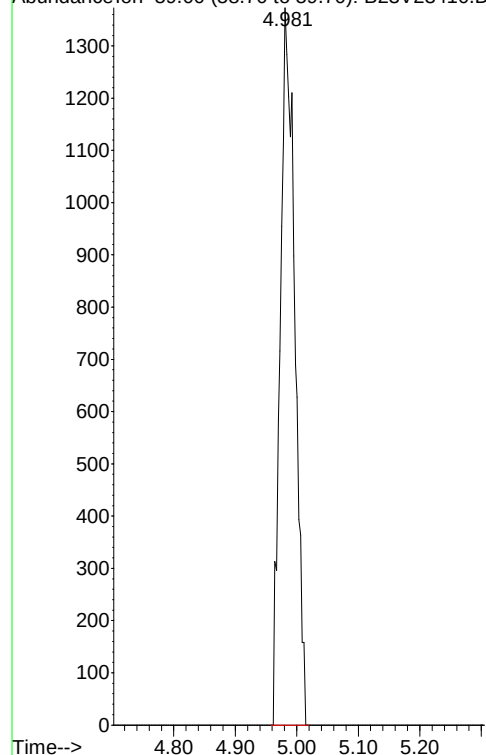
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23410.D
Acq On : 22 Aug 2023 2:36 pm
Operator :
Sample : 8260 STD 10 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:04:55 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B23V23410.D



Original Int. Results

RT : 4.98
Area : 2254
Amount: 0

Manual Int. Results

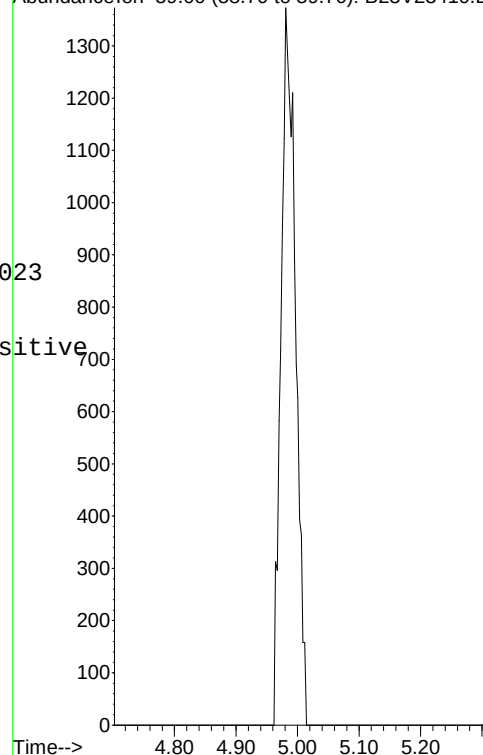
Tue Aug 22 15:04:11 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-AMYL ALCOHOL

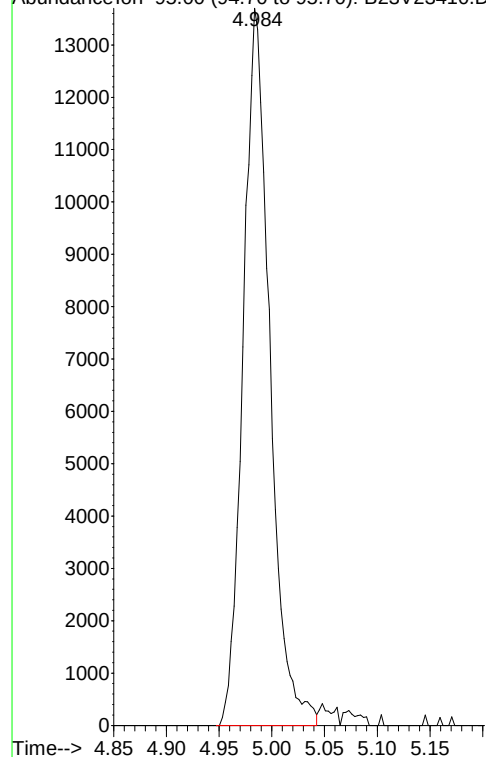
Abundance Ion 59.00 (58.70 to 59.70): B23V23410.D



Original Integration

TRICHLOROETHENE

Abundance Ion 95.00 (94.70 to 95.70): B23V23410.D



Original Int. Results

RT : 4.98
Area : 23967
Amount: 8.92056

Manual Int. Results

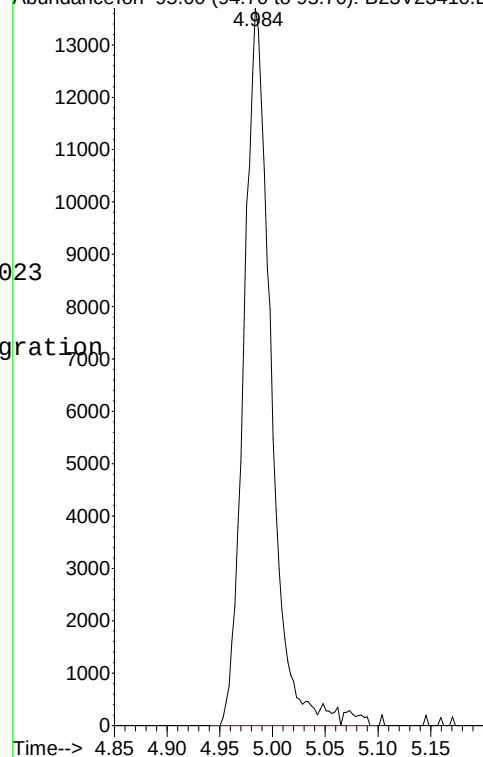
Tue Aug 22 15:04:17 2023

MIuser: LBD
Reason: Incoret Integration
RT : 4.98
Area : 24629
Amount: 9.16696

Manual Integration

TRICHLOROETHENE

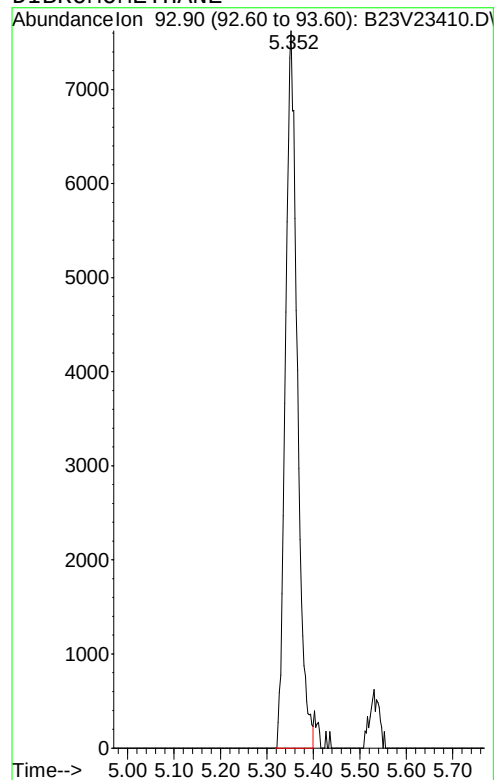
Abundance Ion 95.00 (94.70 to 95.70): B23V23410.D



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23410.D
Acq On : 22 Aug 2023 2:36 pm
Operator :
Sample : 8260 STD 10 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:04:55 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
DIBROMOMETHANE



Original Int. Results

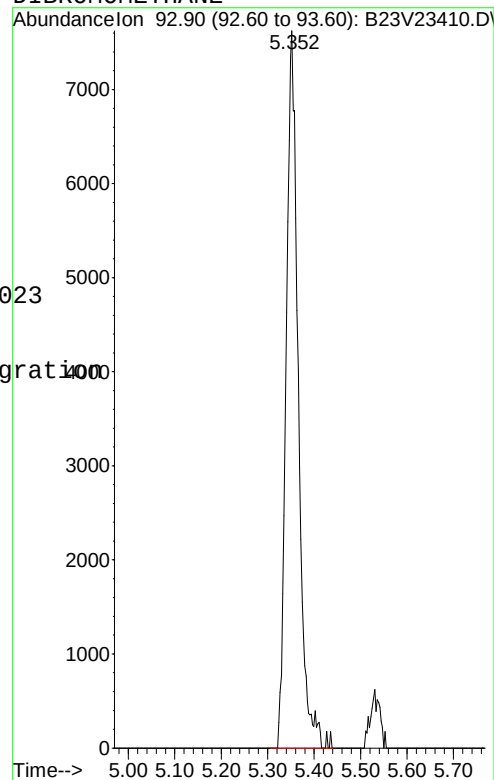
RT : 5.35
Area : 13472
Amount: 7.63861

Manual Int. Results

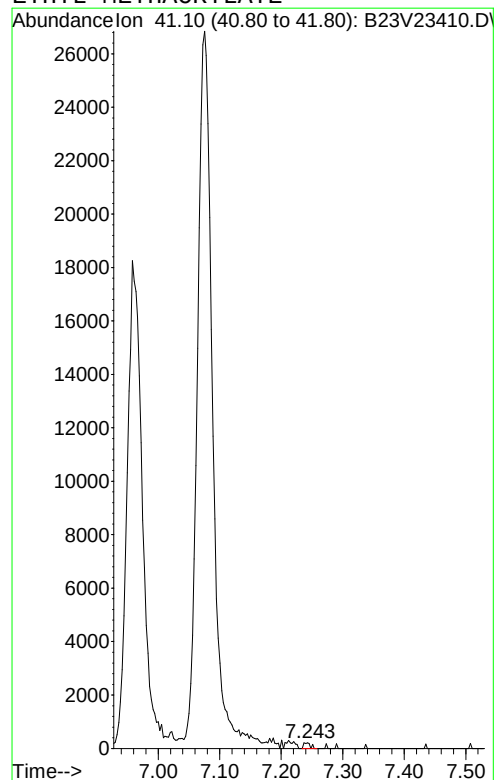
Tue Aug 22 15:04:24 2023

MIuser: LBD
Reason: Incorrect Integration
RT : 5.35
Area : 13751
Amount: 7.7968

Manual Integration
DIBROMOMETHANE



Original Integration
ETHYL METHACRYLATE



Original Int. Results

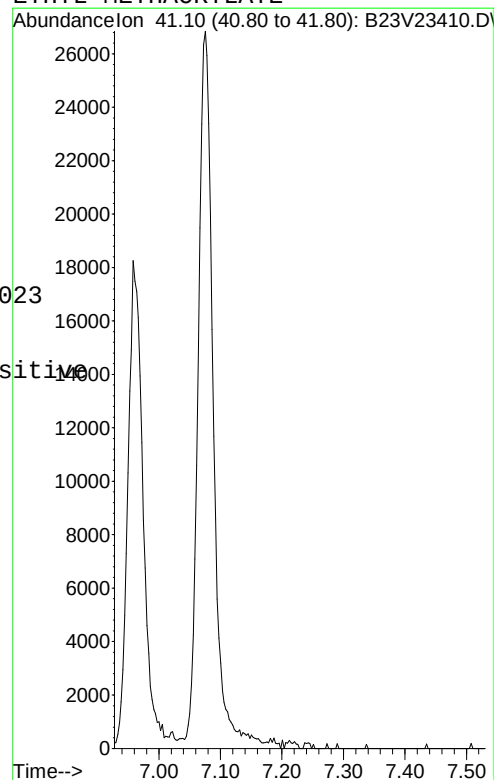
RT : 7.24
Area : 156
Amount: 0

Manual Int. Results

Tue Aug 22 15:04:31 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

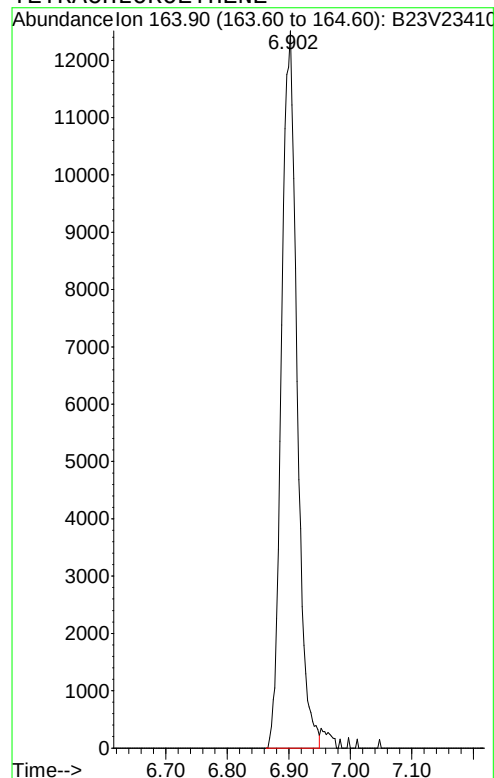
Manual Integration
ETHYL METHACRYLATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23410.D
Acq On : 22 Aug 2023 2:36 pm
Operator :
Sample : 8260 STD 10 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:04:55 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
TETRACHLOROETHENE



Original Int. Results

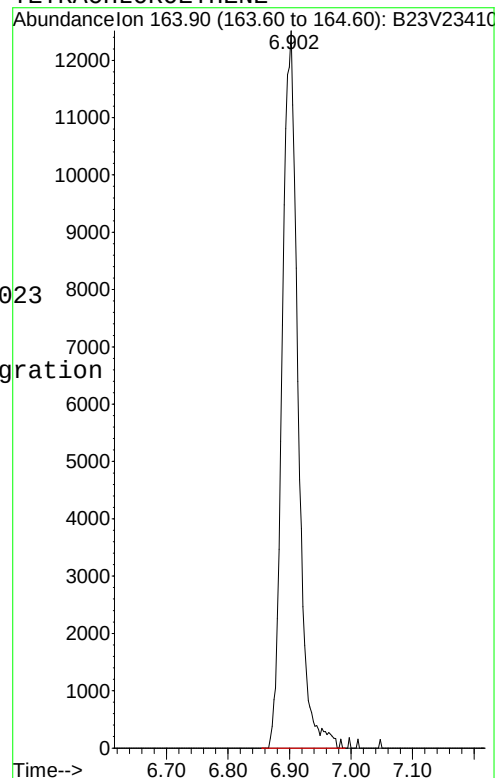
RT : 6.90
Area : 21965
Amount: 10.7629

Manual Int. Results

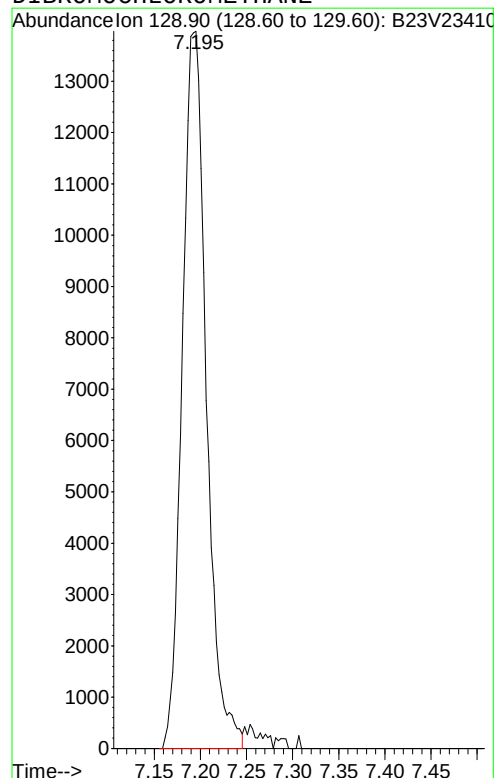
Tue Aug 22 15:04:39 2023

MIuser: LBD
Reason: Incorret Integration
RT : 6.90
Area : 22358
Amount: 10.9554

Manual Integration
TETRACHLOROETHENE



Original Integration
DIBROMOCHLOROMETHANE



Original Int. Results

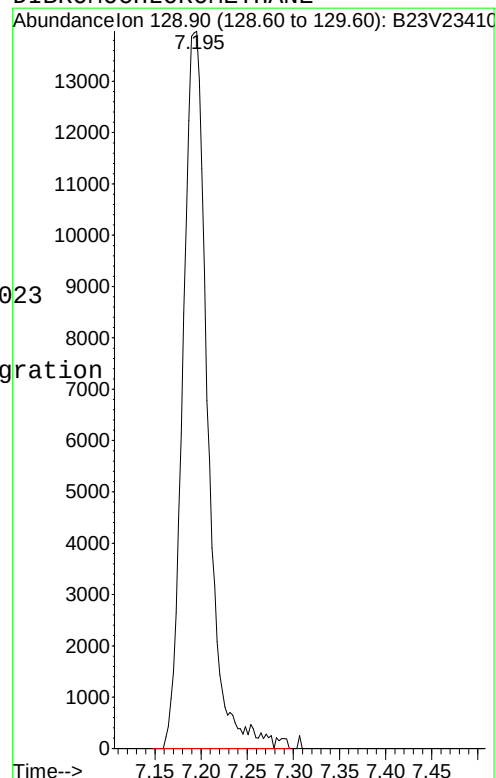
RT : 7.20
Area : 25306
Amount: 10.3436

Manual Int. Results

Tue Aug 22 15:04:45 2023

MIuser: LBD
Reason: Incorret Integration
RT : 7.20
Area : 25995
Amount: 10.6252

Manual Integration
DIBROMOCHLOROMETHANE

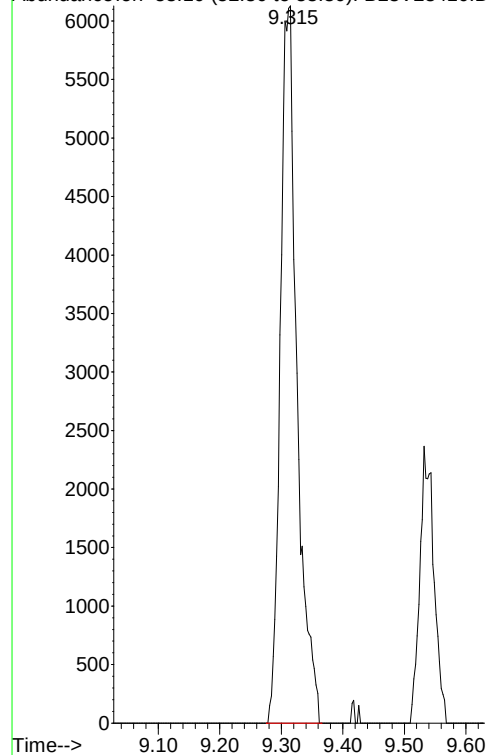


Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23410.D
Acq On : 22 Aug 2023 2:36 pm
Operator :
Sample : 8260 STD 10 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:04:55 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B23V23410.D



Original Int. Results

RT : 9.31
Area : 11489
Amount: 0

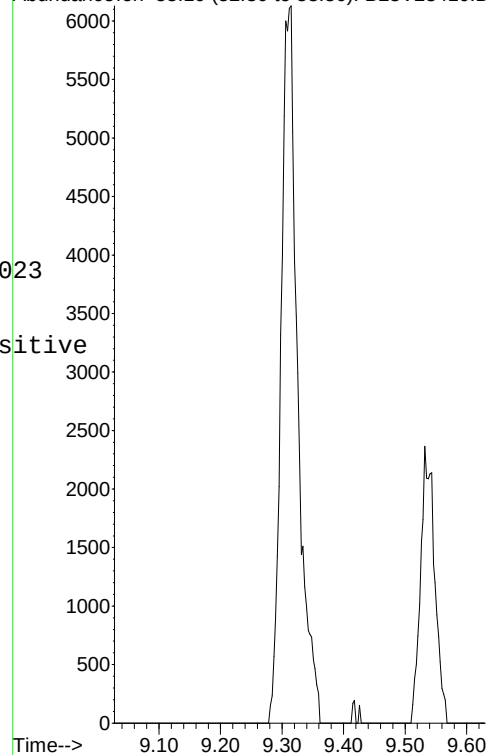
Manual Int. Results

Tue Aug 22 15:04:54 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B23V23410.D



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23411.D
 Acq On : 22 Aug 2023 3:02 pm
 Operator :
 Sample : 8260 STD 20 PPB (2307733)
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 15:21:20 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.974	168	128199	30.00	UG/L	-0.02
44) 1,4-DIFLUOROBENZENE - ...	4.730	114	228050	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	124854	30.00	UG/L	-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	135199	30.00	UG/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	66835	24.51	UG/L	-0.02
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.04%	
45) TOLUENE-D8 SS	6.267	98	240085	27.40	UG/L	-0.02
Spiked Amount 25.000	Range 70	- 130	Recovery	=	109.60%	
66) 4-BROMOFLUOROBENZENE SS	9.061	95	97862	28.69	UG/L	-0.02
Spiked Amount 25.000	Range 70	- 130	Recovery	=	114.76%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.016	85	49081	20.77	UG/L	97
4) DIFLUOROCHLOROMETHANE	1.024	51	75755	23.63	UG/L	98
5) CHLOROMETHANE	1.119	50	84747	20.61	UG/L	98
6) VINYL CHLORIDE	1.175	62	64514	17.88	UG/L	98
7) BROMOMETHANE	1.345	94	22182	6.51	UG/L	83
8) CHLOROETHANE	1.403	64	32739	12.97	UG/L	97
9) FLUORODICHLOROMETHANE	1.518	67	77125	13.40	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.548	101	62163	10.85	UG/L	93
11) ETHANOL	1.685	45	6998	164.61	UG/L	# 87
12) DI ETHYL ETHER	1.724	59	33339	18.03	UG/L	# 86
13) ACROLEIN	1.819	56	102564	194.72	UG/L	# 95
14) ACETONE	1.922	43	165272	161.42	UG/L	99
15) 1,1-DICHLOROETHENE	1.869	61	70633	15.74	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.863	101	37978	13.08	UG/L	98
17) IODOMETHANE	1.980	142	617519	111.64	UG/L	95
18) METHYL ACETATE	2.145	43	48397	17.54	UG/L	97
19) T-BUTYL ALCOHOL	2.323	59	57089	239.57	UG/L	92
20) ACRYLONITRILE	2.435	53	22365	25.20	UG/L	97
21) METHYLENE CHLORIDE	2.220	49	76385	17.56	UG/L	95
22) CARBON DISULFIDE	2.022	76	1158536	142.65	UG/L	99
23) METHYL TERT-BUTYL ETHE...	2.432	73	116480	20.76	UG/L	99
24) TRANS 1,2-DICHLOROETHENE	2.429	61	71028	23.59	UG/L	92
25) 1,1-DICHLOROETHANE	2.811	63	88771	22.15	UG/L	100
26) VINYL ACETATE	2.873	43	1393358	267.94	UG/L	100
27) DI ISOPROPYL ETHER	2.876	45	193353	23.88	UG/L	# 99
28) 2-BUTANONE	3.447	43	270127	232.36	UG/L	99
29) T-BUTYL ETHYL ETHER	3.255	59	151942	24.29	UG/L	97
30) CIS-1,2-DICHLOROETHENE	3.408	61	79132	21.74	UG/L	91
31) 2,2-DICHLOROPROPANE	3.394	77	64426	20.14	UG/L	97
32) ETHYL ACETATE	3.514	43	71518m	25.75	UG/L	
33) BROMOCHLOROMETHANE	3.656	128	22391	23.27	UG/L	88
34) TETRAHYDROFURAN	3.707	42	20561	26.03	UG/L	93
35) T-BUTYL FORMATE	0.000		0	N.D.	d	
36) CHLOROFORM	3.748	83	74839	19.37	UG/L	100
37) 1,1,1-TRICHLOROETHANE	3.913	97	71131	20.40	UG/L	92
38) CYCLOHEXANE	3.952	56	104693	25.27	UG/L	97
39) CARBON TETRACHLORIDE	4.075	117	63806	19.40	UG/L	97
40) 1,1-DICHLOROPROPENE	4.089	75	63602	21.68	UG/L	97
41) BENZENE	4.306	78	179669	22.40	UG/L	100
42) T-AMYL ALCOHOL	0.000		0	N.D.	d	
43) T-AMYLMETHYL ETHER	4.437	73	124496	23.03	UG/L	93
46) 1,2-DICHLOROETHANE	4.345	62	63269	17.26	UG/L	# 98
47) TRICHLOROETHENE	4.984	95	48506	19.02	UG/L	93
48) METHYLCYCLOHEXANE	5.160	83	83392	20.88	UG/L	92
49) 1,2-DICHLOROPROPANE	5.226	63	52687	3.15	UG/L	90
50) DIBROMOMETHANE	5.352	93	26848	16.03	UG/L	94
51) 1,4-DIOXANE	5.394	88	6231	214.66	UG/L	# 65
52) BROMODICHLOROMETHANE	5.530	83	61018	17.85	UG/L	100

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23411.D
 Acq On : 22 Aug 2023 3:02 pm
 Operator :
 Sample : 8260 STD 20 PPB (2307733)
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 15:21:20 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

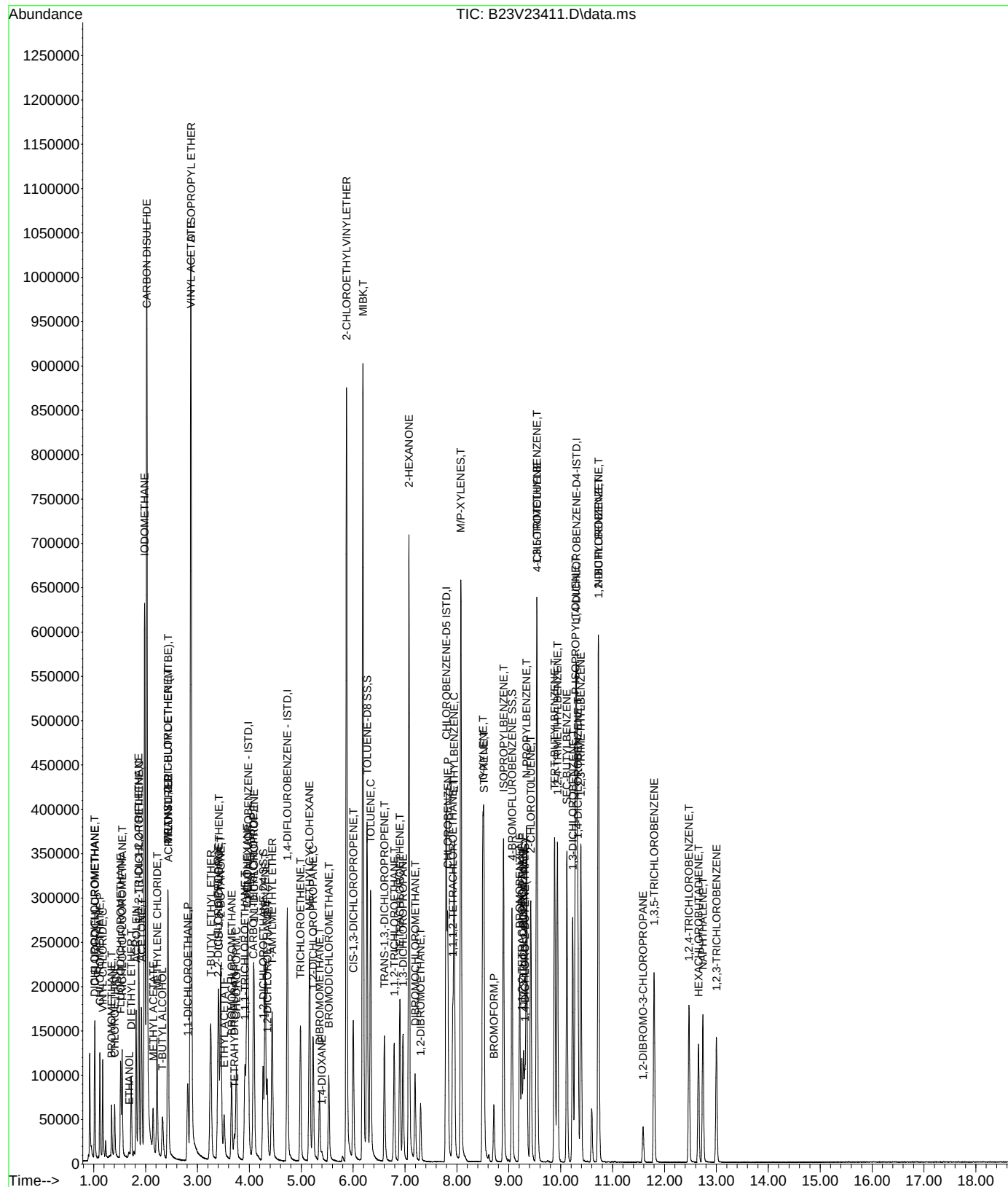
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2-CHLOROETHYL VINYLETHER	5.873	63	349354	209.33	UG/L	98
54) MIBK	6.189	43	628962	223.93	UG/L	98
55) CIS-1,3-DICHLOROPROPENE	6.002	75	77940	20.36	UG/L	88
56) TOLUENE	6.336	91	213029	22.83	UG/L	99
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	68054	21.72	UG/L	90
58) ETHYL METHACRYLATE	0.000		0	N.D.	d	
59) 1,1,2-TRICHLOROETHANE	6.791	97	40819	21.87	UG/L	97
60) 2-HEXANONE	7.075	43	473392	245.81	UG/L	99
61) TETRACHLOROETHENE	6.900	164	44108	22.76	UG/L	96
62) 1,3-DICHLOROPROPANE	6.961	76	73322	22.99	UG/L	94
63) DIBROMOCHLOROMETHANE	7.192	129	51236	22.06	UG/L	99
64) 1,2-DIBROMOETHANE	7.298	107	45828	23.42	UG/L #	98
67) CHLOROBENZENE	7.823	112	146166	20.52	UG/L	95
68) 1,1,1,2-TETRACHLOROETHANE	7.920	131	52252	22.11	UG/L	97
69) ETHYLBENZENE	7.945	91	248567	20.80	UG/L	99
70) M/P-XYLENES	8.074	91	382657	38.89	UG/L	96
71) O-XYLENE	8.498	91	198198	20.94	UG/L	95
72) STYRENE	8.520	104	164674	21.18	UG/L #	88
73) BROMOFORM	8.709	173	34025	18.54	UG/L #	99
74) ISOPROPYLBENZENE	8.899	105	259833	22.91	UG/L	99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	d	
76) 1,1,2,2-TETRACHLOROETHANE	9.250	83	58969	18.77	UG/L	99
77) 1,4-DICHLORO-2-BUTENE(...	9.309	53	22896	21.98	UG/L #	88
78) BROMOBENZENE	9.209	77	89929	21.08	UG/L	96
79) 1,2,3-TRICHLOROPROPANE	9.281	110	19195	22.44	UG/L	99
80) N-PROPYLBENZENE	9.340	91	306811	22.71	UG/L	96
81) 2-CHLOROTOLUENE	9.423	91	171490	21.60	UG/L	95
82) 1,3,5-TRIMETHYLBENZENE	9.538	105	217921	22.72	UG/L	95
83) 4-CHLOROTOLUENE	9.543	91	201883	21.92	UG/L	95
85) TERT-BUTYLBENZENE	9.881	119	194041	23.65	UG/L	89
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	213769	21.82	UG/L	95
87) SEC-BUTYLBENZENE	10.118	105	267124	22.16	UG/L	99
88) 1,3-DICHLOROBENZENE	10.229	146	121763	22.79	UG/L	98
89) P-ISOPROPYLTOLUENE	10.282	119	243823	23.67	UG/L	95
90) 1,4-DICHLOROBENZENE	10.330	146	123656	20.92	UG/L	96
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	219954	22.60	UG/L #	100
92) N-BUTYLBENZENE	10.726	91	209639	22.86	UG/L	99
93) 1,2-DICHLOROBENZENE	10.728	146	113107	21.63	UG/L	99
94) 1,2-DIBROMO-3-CHLOROPR...	11.585	75	10791	25.67	UG/L	90
95) 1,3,5-TRICHLOROBENZENE	11.799	180	79497	27.95	UG/L	94
96) 1,2,4-TRICHLOROBENZENE	12.469	180	66023	31.51	UG/L	98
97) HEXACHLOROBUTADIENE	12.655	225	31063	32.37	UG/L	100
98) NAPHTHALENE	12.742	128	154502	28.54	UG/L	98
99) 1,2,3-TRICHLOROBENZENE	13.001	180	52992	32.63	UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23411.D
 Acq On : 22 Aug 2023 3:02 pm
 Operator :
 Sample : 8260 STD 20 PPB (2307733)
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 22 15:21:20 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration



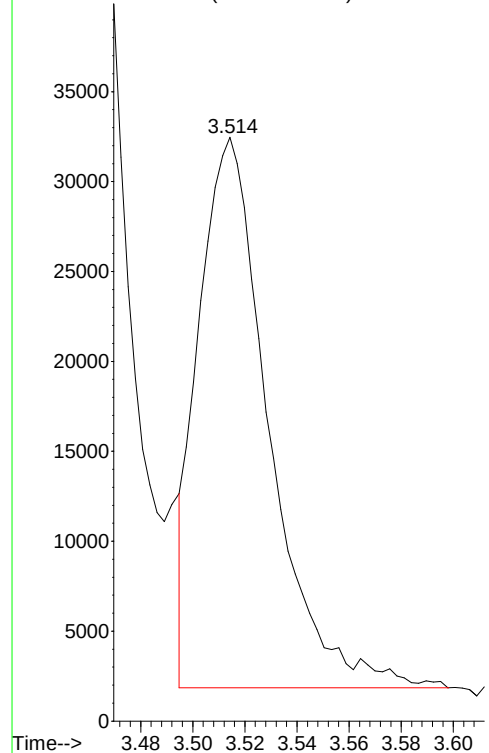
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23411.D
Acq On : 22 Aug 2023 3:02 pm
Operator :
Sample : 8260 STD 20 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:22:49 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23411.D



Original Int. Results

RT : 3.51
Area : 57716
Amount: 20.7819

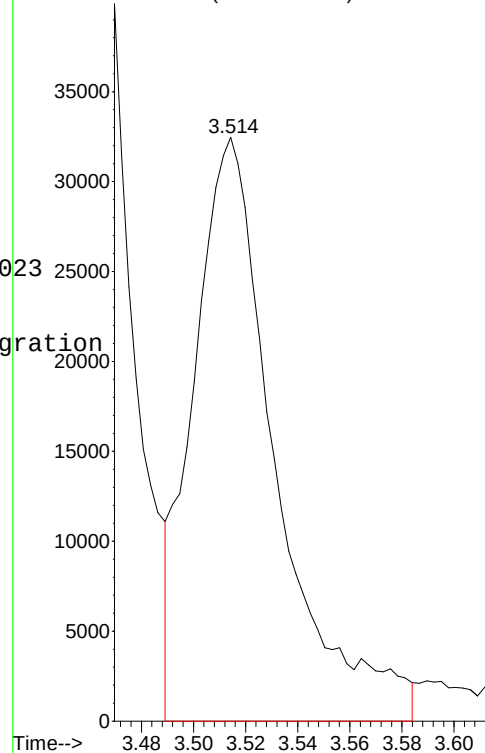
Manual Int. Results

Tue Aug 22 15:21:52 2023
MIuser: LBD
Reason: Incorret Integration
RT : 3.51
Area : 71518
Amount: 25.7516

Manual Integration

ETHYL ACETATE

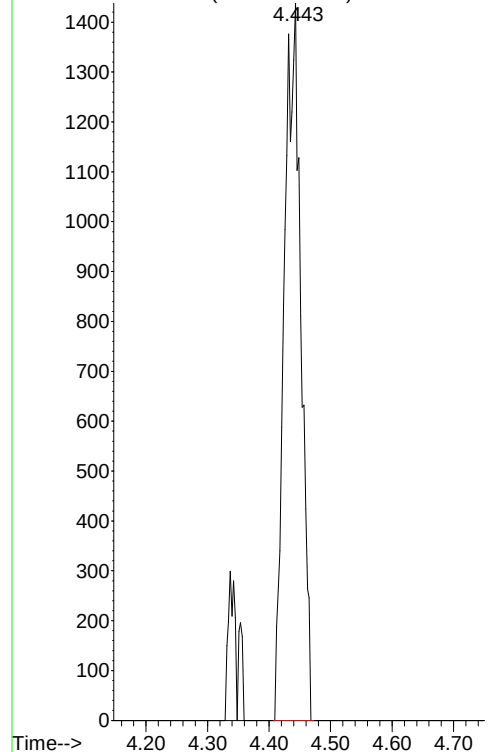
Abundance Ion 43.10 (42.80 to 43.80): B23V23411.D



Original Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B23V23411.D



Original Int. Results

RT : 4.44
Area : 2691
Amount: 0

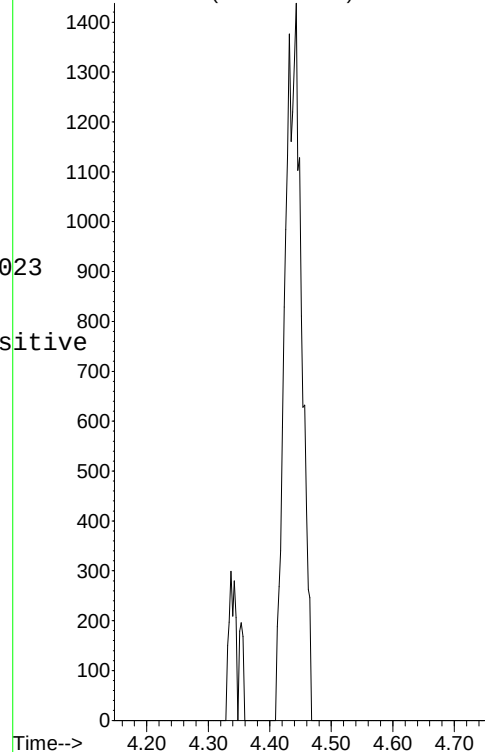
Manual Int. Results

Tue Aug 22 15:22:00 2023
MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B23V23411.D



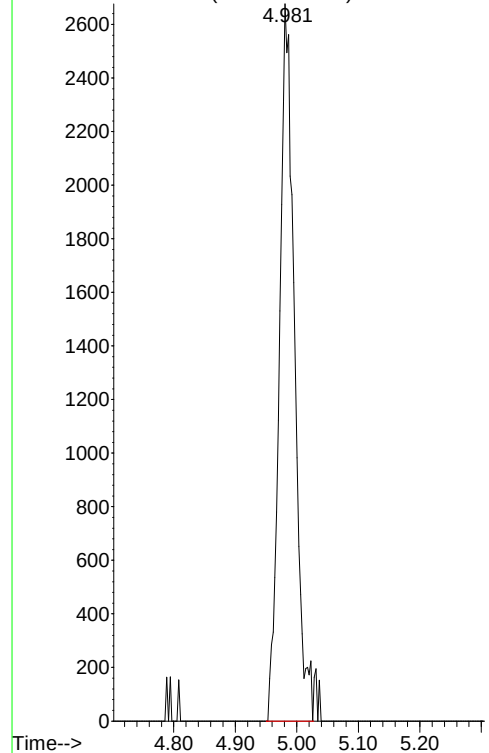
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23411.D
Acq On : 22 Aug 2023 3:02 pm
Operator :
Sample : 8260 STD 20 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:22:49 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B23V23411.D



Original Int. Results

RT : 4.98
Area : 4520
Amount: 0

Manual Int. Results

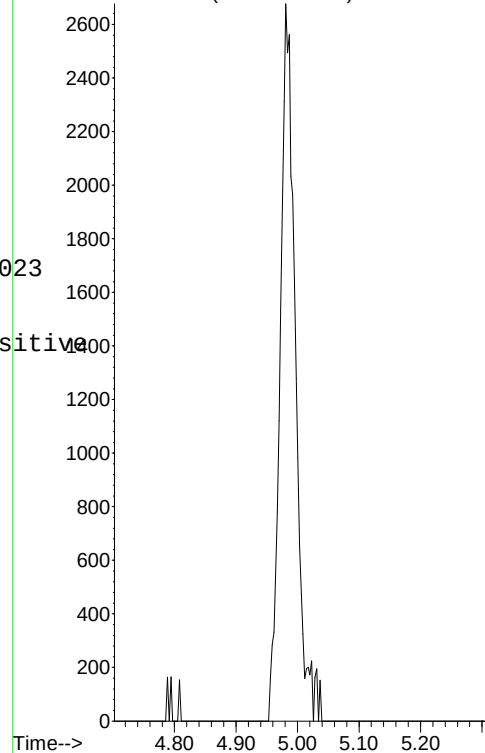
Tue Aug 22 15:22:06 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-AMYL ALCOHOL

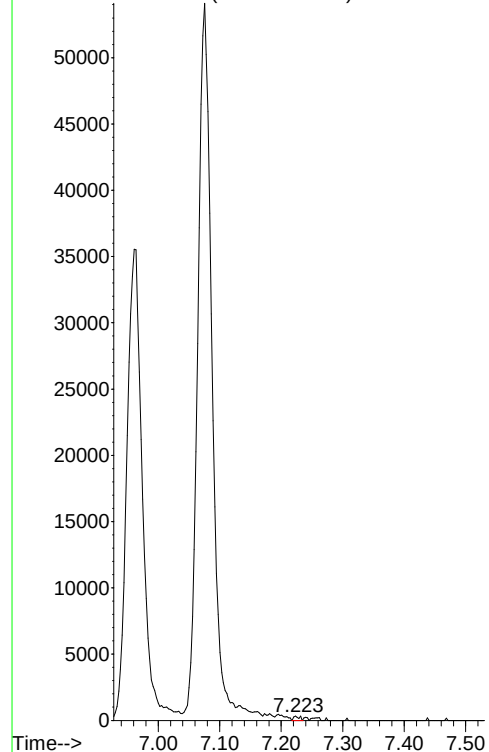
Abundance Ion 59.00 (58.70 to 59.70): B23V23411.D



Original Integration

ETHYL METHACRYLATE

Abundance Ion 41.10 (40.80 to 41.80): B23V23411.D



Original Int. Results

RT : 7.22
Area : 217
Amount: 0

Manual Int. Results

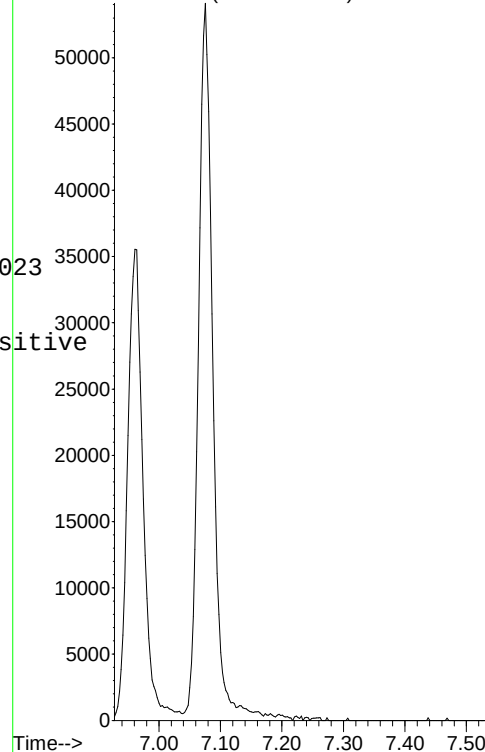
Tue Aug 22 15:22:23 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL METHACRYLATE

Abundance Ion 41.10 (40.80 to 41.80): B23V23411.D

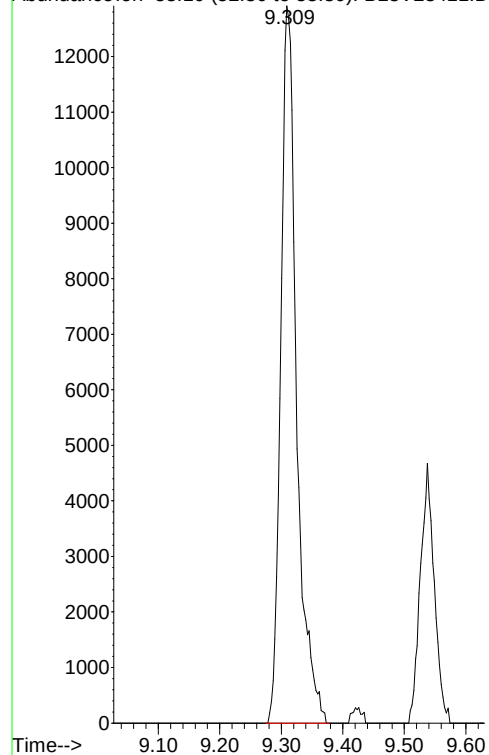


Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23411.D
Acq On : 22 Aug 2023 3:02 pm
Operator :
Sample : 8260 STD 20 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:22:49 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B23V23411.D



Original Int. Results

RT : 9.31
Area : 22896
Amount: 0

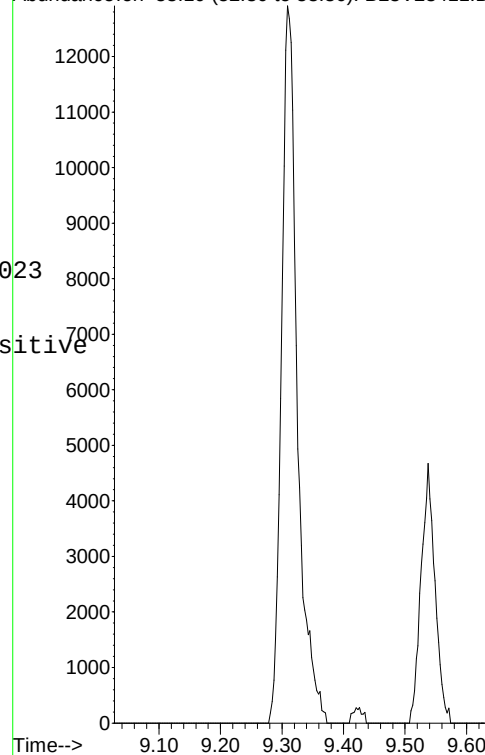
Manual Int. Results

Tue Aug 22 15:22:48 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B23V23411.D



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23412.D
 Acq On : 22 Aug 2023 3:28 pm
 Operator :
 Sample : 8260 STD 50 PPB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 09:20:33 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.974	168	128335	30.00	UG/L	-0.02
44) 1,4-DIFLUOROBENZENE - ...	4.730	114	229543	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	123871	30.00	UG/L	-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.304	152	133840	30.00	UG/L	#-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.261	65	66167	24.23	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.92%		
45) TOLUENE-D8 SS	6.266	98	241632	27.40	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	109.60%		
66) 4-BROMOFLUOROBENZENE SS	9.061	95	98859	29.22	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	116.88%		
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.013	85	114285	48.32	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.024	51	174895	54.50	UG/L	98
5) CHLOROMETHANE	1.119	50	183867	44.66	UG/L	99
6) VINYL CHLORIDE	1.172	62	141067	39.05	UG/L	98
7) BROMOMETHANE	1.347	94	66412	19.48	UG/L	83
8) CHLOROETHANE	1.406	64	74758	29.58	UG/L	96
9) FLUORODICHLOROMETHANE	1.520	67	178817	31.04	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.551	101	147926	25.79	UG/L	92
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.724	59	81166	43.85	UG/L	93
13) ACROLEIN	1.816	56	249054	472.33	UG/L	# 93
14) ACETONE	1.919	43	420756	410.51	UG/L	99
15) 1,1-DICHLOROETHENE	1.872	61	160517	35.73	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.863	101	89589	30.82	UG/L	99
17) IODOMETHANE	1.980	142	1393689	251.70	UG/L	96
18) METHYL ACETATE	2.145	43	123593	44.74	UG/L	100
19) T-BUTYL ALCOHOL	2.321	59	142581	597.70	UG/L	92
20) ACRYLONITRILE	2.432	53	54428	61.25	UG/L	97
21) METHYLENE CHLORIDE	2.220	49	176416	40.52	UG/L	95
22) CARBON DISULFIDE	2.025	76	2283923	280.92	UG/L	99
23) METHYL TERT-BUTYL ETHE...	2.429	73	284420	50.64	UG/L	99
24) TRANS 1,2-DICHLOROETHENE	2.429	61	160111	53.12	UG/L	90
25) 1,1-DICHLOROETHANE	2.811	63	208331	51.93	UG/L	99
26) VINYL ACETATE	2.873	43	3285668	631.15	UG/L	99
27) DI ISOPROPYL ETHER	2.876	45	449858	55.49	UG/L	# 97
28) 2-BUTANONE	3.447	43	666458	572.67	UG/L	98
29) T-BUTYL ETHYL ETHER	3.255	59	363949	58.12	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.405	61	186104	51.08	UG/L	90
31) 2,2-DICHLOROPROPANE	3.397	77	159509	49.81	UG/L	98
32) ETHYL ACETATE	3.511	43	166740m	59.97	UG/L	
33) BROMOCHLOROMETHANE	3.656	128	53544	55.59	UG/L	86
34) TETRAHYDROFURAN	3.707	42	48171	60.92	UG/L	95
35) T-BUTYL FORMATE	0.000		0	N.D.	d	
36) CHLOROFORM	3.748	83	185568	47.98	UG/L	99
37) 1,1,1-TRICHLOROETHANE	3.913	97	168302	48.21	UG/L	94
38) CYCLOHEXANE	3.955	56	230408	55.56	UG/L	97
39) CARBON TETRACHLORIDE	4.077	117	154376	46.89	UG/L	99
40) 1,1-DICHLOROPROPENE	4.089	75	148702	50.64	UG/L	97
41) BENZENE	4.303	78	417810	52.03	UG/L	100
42) T-AMYL ALCOHOL	0.000		0	N.D.	d	
43) T-AMYLMETHYL ETHER	4.437	73	309376	57.16	UG/L	93
46) 1,2-DICHLOROETHANE	4.342	62	150529	40.81	UG/L	# 93
47) TRICHLOROETHENE	4.984	95	116280	45.29	UG/L	94
48) METHYLCYCLOHEXANE	5.162	83	186839	46.49	UG/L	91
49) 1,2-DICHLOROPROPANE	5.226	63	125091	7.43	UG/L	91
50) DIBROMOMETHANE	5.352	93	66330	39.35	UG/L	96
51) 1,4-DIOXANE	5.391	88	14831	507.61	UG/L	# 77
52) BROMODICHLOROMETHANE	5.530	83	147705	42.92	UG/L	98

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23412.D
 Acq On : 22 Aug 2023 3:28 pm
 Operator :
 Sample : 8260 STD 50 PPB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 09:20:33 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

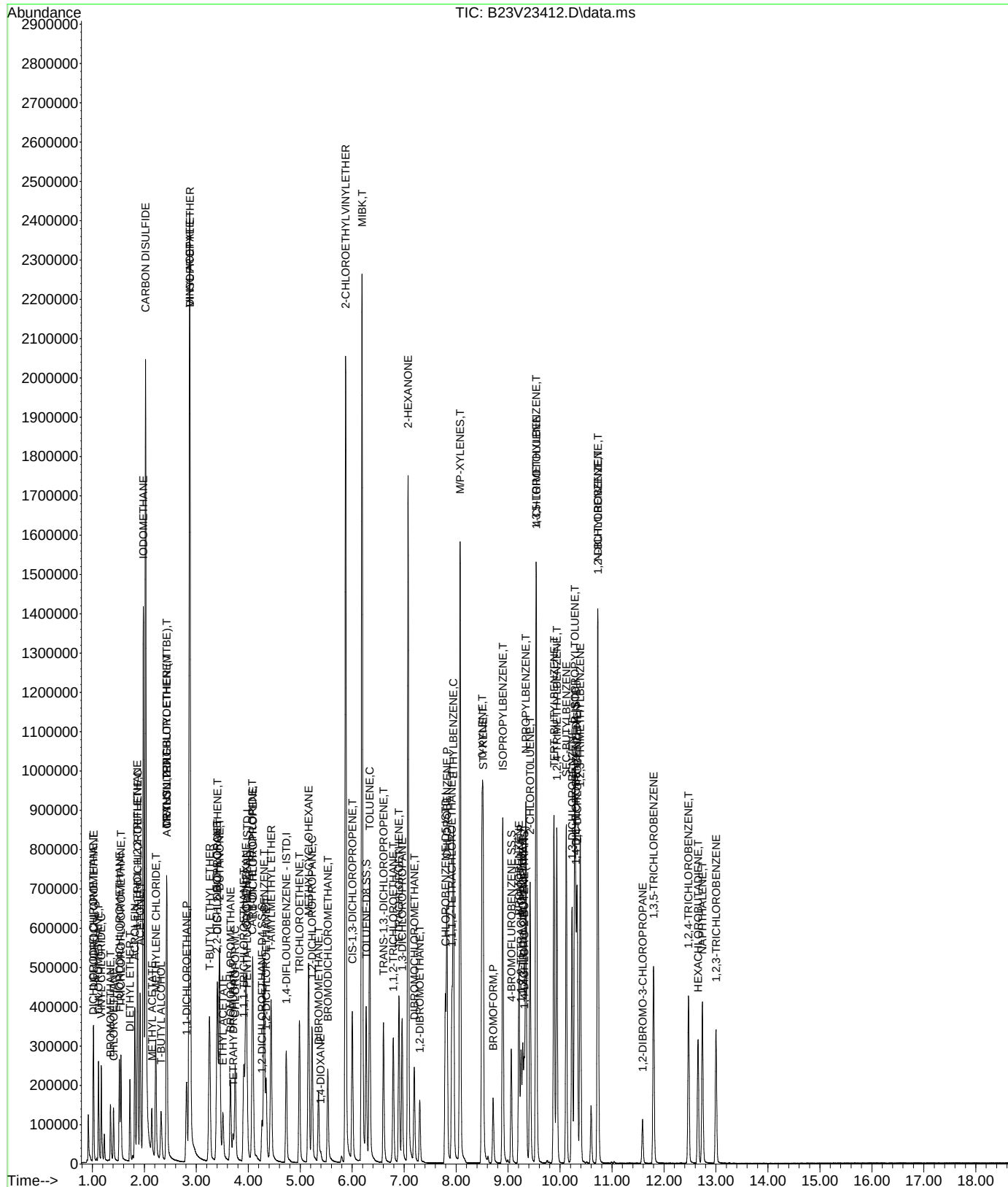
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2-CHLOROETHYL VINYLETHYR	5.873	63	817220	486.49	UG/L	97
54) MIBK	6.188	43	1567187	554.33	UG/L	99
55) CIS-1,3-DICHLOROPROPENE	6.002	75	188596	48.94	UG/L	88
56) TOLUENE	6.336	91	498549	53.09	UG/L	99
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	168903	53.55	UG/L	87
58) ETHYL METHACRYLATE	0.000		0	N.D.	d	
59) 1,1,2-TRICHLOROETHANE	6.788	97	101065	53.79	UG/L	96
60) 2-HEXANONE	7.075	43	1173435	605.33	UG/L	99
61) TETRACHLOROETHENE	6.900	164	103719	53.18	UG/L	97
62) 1,3-DICHLOROPROPANE	6.961	76	181866	56.66	UG/L	93
63) DIBROMOCHLOROMETHANE	7.192	129	130852	55.97	UG/L	99
64) 1,2-DIBROMOETHANE	7.298	107	113384	57.58	UG/L #	97
67) CHLOROBENZENE	7.823	112	351806	49.79	UG/L	95
68) 1,1,1,2-TETRACHLOROETHANE	7.917	131	129006	55.03	UG/L	98
69) ETHYLBENZENE	7.948	91	587965	49.59	UG/L	99
70) M/P-XYLENES	8.076	91	913927	93.63	UG/L	96
71) O-XYLENE	8.497	91	470959	50.14	UG/L	94
72) STYRENE	8.520	104	395125	51.21	UG/L	88
73) BROMOFORM	8.712	173	85840	47.16	UG/L #	99
74) ISOPROPYLBENZENE	8.896	105	625029	55.54	UG/L	99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	d	
76) 1,1,2,2-TETRACHLOROETHANE	9.248	83	146407	46.98	UG/L	98
77) 1,4-DICHLORO-2-BUTENE(...	9.309	53	57805	55.94	UG/L #	86
78) BROMOBENZENE	9.209	77	216869	51.24	UG/L	95
79) 1,2,3-TRICHLOROPROPANE	9.284	110	47313	55.74	UG/L	94
80) N-PROPYLBENZENE	9.342	91	735264	54.87	UG/L	96
81) 2-CHLOROTOLUENE	9.423	91	410743	52.16	UG/L	95
82) 1,3,5-TRIMETHYLBENZENE	9.538	105	518464	54.49	UG/L	95
83) 4-CHLOROTOLUENE	9.543	91	481967	52.74	UG/L	94
85) TERT-BUTYLBENZENE	9.883	119	464003	57.12	UG/L	89
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	502451	51.80	UG/L	95
87) SEC-BUTYLBENZENE	10.120	105	638579	53.51	UG/L	98
88) 1,3-DICHLOROBENZENE	10.229	146	287789	54.41	UG/L	99
89) P-ISOPROPYLTOLUENE	10.282	119	581927	57.06	UG/L	95
90) 1,4-DICHLOROBENZENE	10.330	146	298056	50.94	UG/L	96
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	521050	54.08	UG/L #	100
92) N-BUTYLBENZENE	10.726	91	495662	54.60	UG/L	99
93) 1,2-DICHLOROBENZENE	10.728	146	271665	52.48	UG/L	99
94) 1,2-DIBROMO-3-CHLOROPR...	11.587	75	27111	65.14	UG/L	85
95) 1,3,5-TRICHLOROBENZENE	11.799	180	186117	66.10	UG/L	93
96) 1,2,4-TRICHLOROBENZENE	12.471	180	159683	76.97	UG/L	98
97) HEXACHLOROBUTADIENE	12.655	225	73167	77.02	UG/L	97
98) NAPHTHALENE	12.739	128	386359	72.10	UG/L	98
99) 1,2,3-TRICHLOROBENZENE	13.001	180	128535	79.95	UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

351

Inst : GCMSV0A2

Quant Time: Aug 23 09:20:33 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



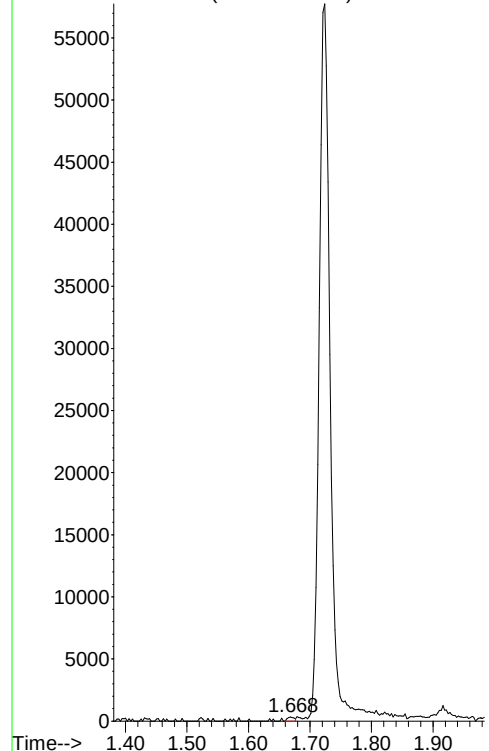
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23412.D
Acq On : 22 Aug 2023 3:28 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :

Quant Time : Wed Aug 23 09:28:57 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

ETHANOL

Abundance Ion 45.10 (44.80 to 45.80): B23V23412.D



Original Int. Results

RT : 1.67
Area : 251
Amount: 5.89773

Manual Int. Results

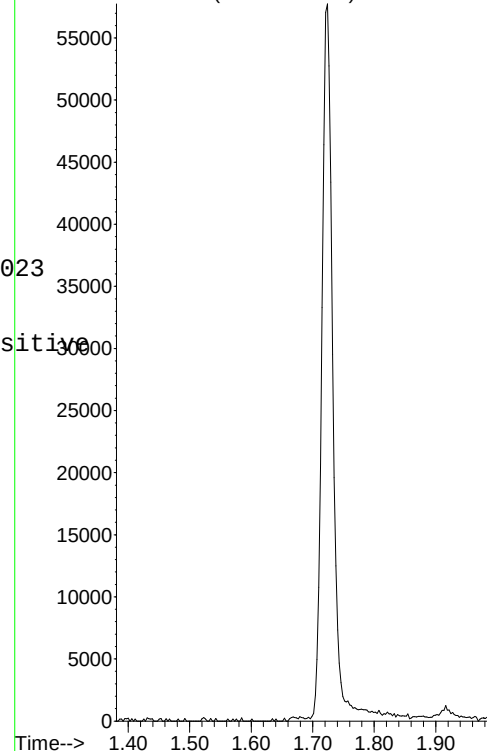
Wed Aug 23 09:28:00 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHANOL

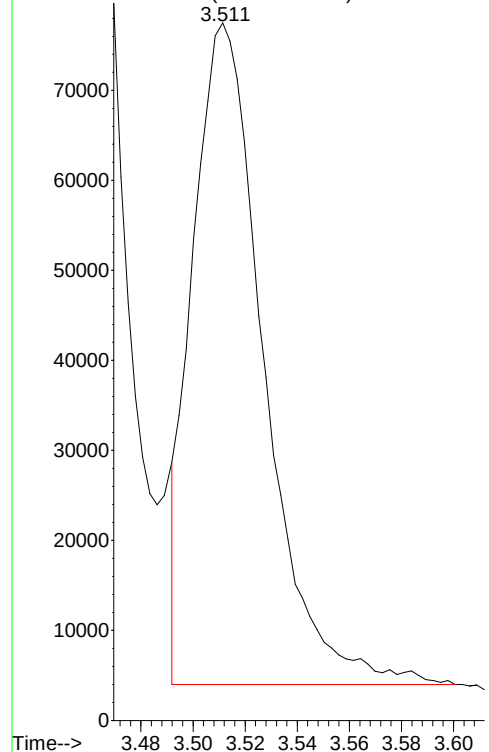
Abundance Ion 45.10 (44.80 to 45.80): B23V23412.D



Original Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23412.D



Original Int. Results

RT : 3.51
Area : 140677
Amount: 50.6001

Manual Int. Results

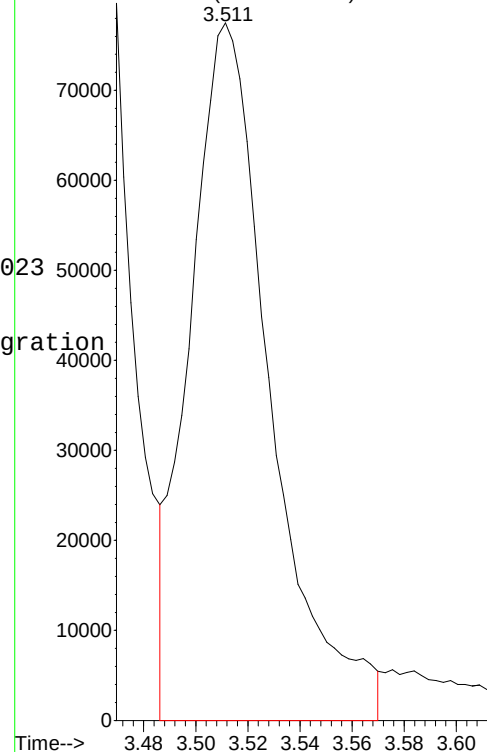
Wed Aug 23 09:28:17 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.51
Area : 166740
Amount: 59.9747

Manual Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23412.D



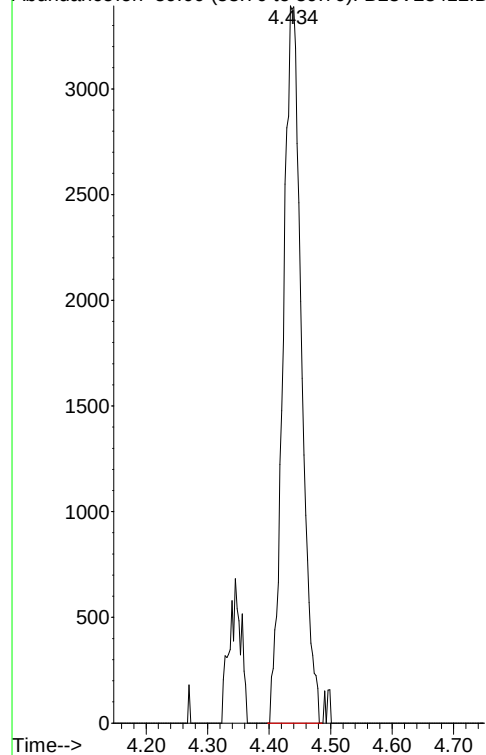
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23412.D
Acq On : 22 Aug 2023 3:28 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :

Quant Time : Wed Aug 23 09:28:57 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B23V23412.D



Original Int. Results

RT : 4.43
Area : 7017
Amount: 0

Manual Int. Results

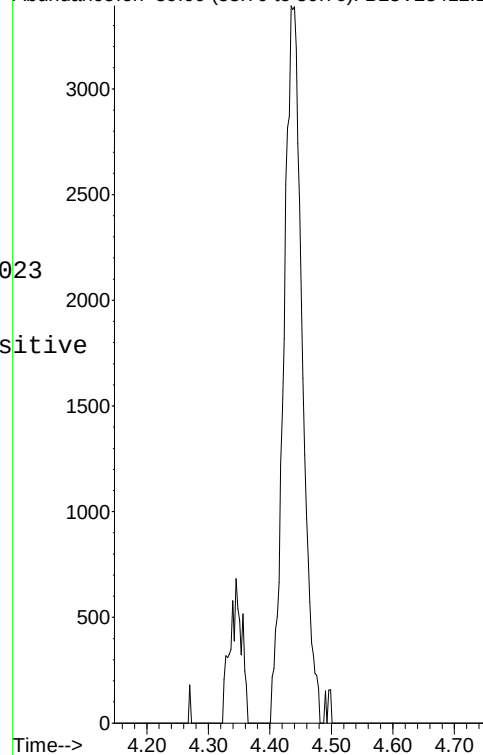
Wed Aug 23 09:28:24 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL FORMATE

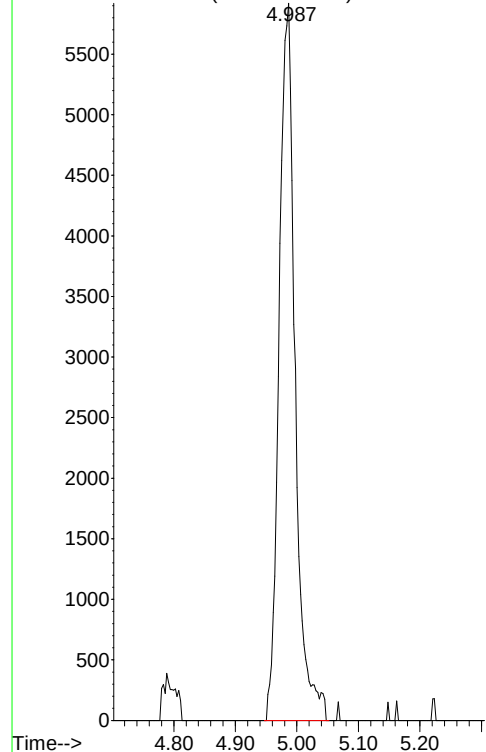
Abundance Ion 59.00 (58.70 to 59.70): B23V23412.D



Original Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B23V23412.D



Original Int. Results

RT : 4.99
Area : 10681
Amount: 0

Manual Int. Results

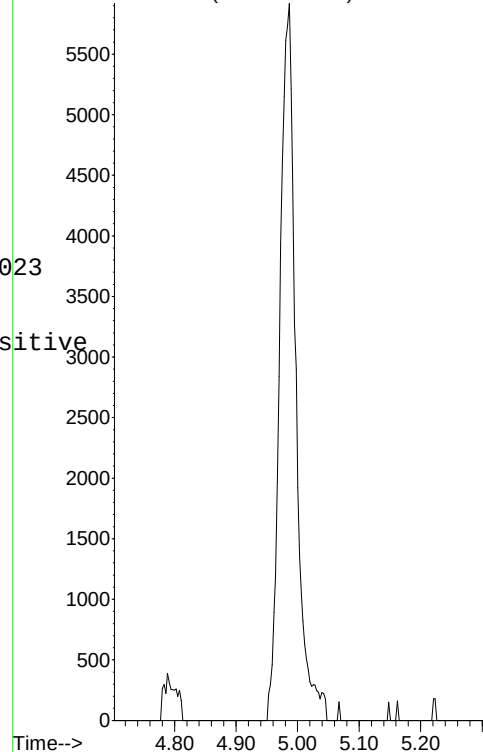
Wed Aug 23 09:28:30 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B23V23412.D



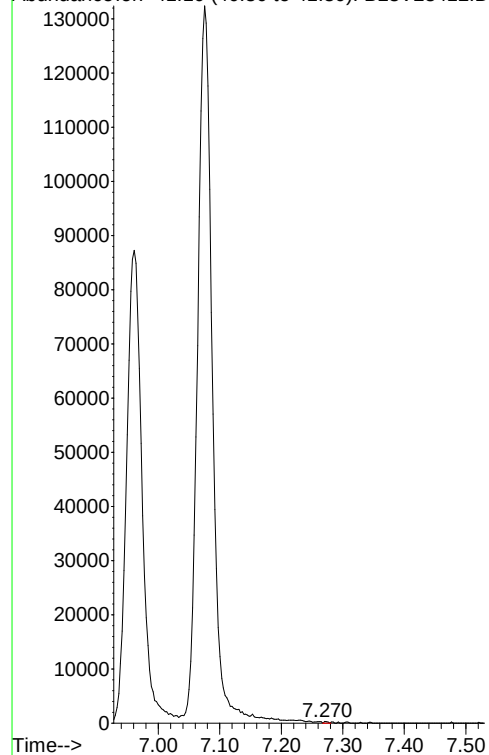
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23412.D
Acq On : 22 Aug 2023 3:28 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :

Quant Time : Wed Aug 23 09:28:57 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

ETHYL METHACRYLATE

Abundance Ion 41.10 (40.80 to 41.80): B23V23412.D



Original Int. Results

RT : 7.27
Area : 128
Amount: 0

Manual Int. Results

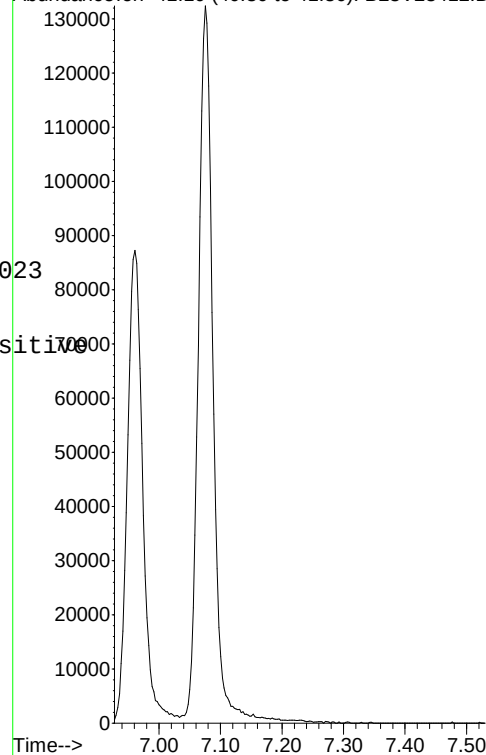
Wed Aug 23 09:28:45 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL METHACRYLATE

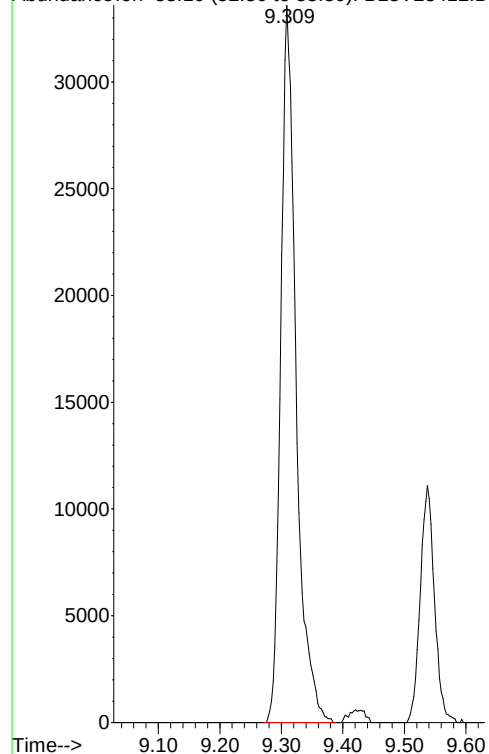
Abundance Ion 41.10 (40.80 to 41.80): B23V23412.D



Original Integration

CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B23V23412.D



Original Int. Results

RT : 9.31
Area : 57805
Amount: 0

Manual Int. Results

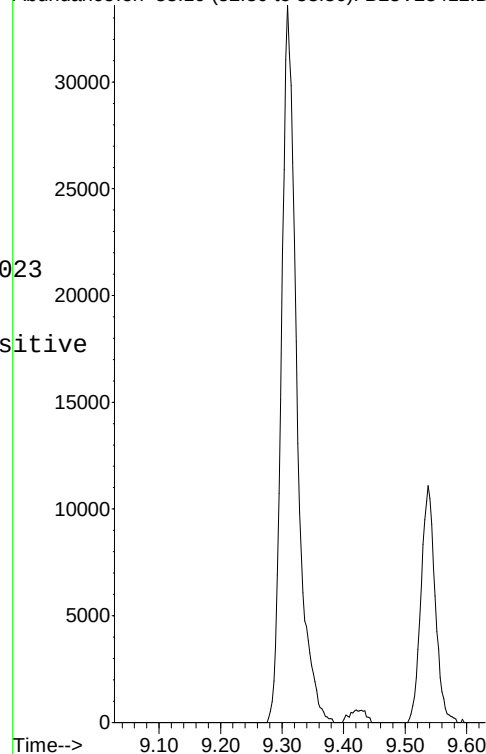
Wed Aug 23 09:28:56 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B23V23412.D



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23413.D
 Acq On : 22 Aug 2023 3:54 pm
 Operator :
 Sample : 8260 STD 100 PPB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 09:29:51 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.977	168	126718	30.00	UG/L	-0.02
44) 1,4-DIFLUOROBENZENE - ...	4.730	114	229112	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	125903	30.00	UG/L	-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.305	152	137625	30.00	UG/L	#-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	66897	24.81	UG/L	-0.02
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.24%	
45) TOLUENE-D8 SS	6.272	98	244452	27.77	UG/L	-0.01
Spiked Amount 25.000	Range 70	- 130	Recovery	=	111.08%	
66) 4-BROMOFLUOROBENZENE SS	9.061	95	101480	29.51	UG/L	-0.02
Spiked Amount 25.000	Range 70	- 130	Recovery	=	118.04%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.013	85	229057	98.08	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.021	51	355186	112.09	UG/L	98
5) CHLOROMETHANE	1.116	50	387046	95.22	UG/L	98
6) VINYL CHLORIDE	1.172	62	290967	81.58	UG/L	98
7) BROMOMETHANE	1.345	94	123434	36.67	UG/L	83
8) CHLOROETHANE	1.400	64	150891	60.47	UG/L	96
9) FLUORODICHLOROMETHANE	1.518	67	365361	64.23	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.548	101	302241	53.37	UG/L	93
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.724	59	167134	91.45	UG/L	94
13) ACROLEIN	1.816	56	519981	998.73	UG/L	# 93
14) ACETONE	1.919	43	791431	782.02	UG/L	98
15) 1,1-DICHLOROETHENE	1.869	61	326948	73.71	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.863	101	179104	62.40	UG/L	99
17) IODOMETHANE	1.980	142	2868648	524.68	UG/L	97
18) METHYL ACETATE	2.142	43	237440	87.04	UG/L	97
19) T-BUTYL ALCOHOL	2.326	59	293938	1247.92	UG/L	92
20) ACRYLONITRILE	2.432	53	113448	129.30	UG/L	96
21) METHYLENE CHLORIDE	2.217	49	360187	83.79	UG/L	94
22) CARBON DISULFIDE	2.022	76	4653279	579.65	UG/L	100
23) METHYL TERT-BUTYL ETHE...	2.432	73	583565	105.24	UG/L	100
24) TRANS 1,2-DICHLOROETHENE	2.429	61	337469	113.40	UG/L	92
25) 1,1-DICHLOROETHANE	2.811	63	431532	108.95	UG/L	99
26) VINYL ACETATE	2.876	43	6887529	1339.92	UG/L	99
27) DI ISOPROPYL ETHER	2.878	45	924843	115.54	UG/L	# 98
28) 2-BUTANONE	3.447	43	1351937	1176.51	UG/L	99
29) T-BUTYL ETHYL ETHER	3.255	59	744066	120.35	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.408	61	380173	105.67	UG/L	90
31) 2,2-DICHLOROPROPANE	3.400	77	316560	100.12	UG/L	97
32) ETHYL ACETATE	3.511	43	319457m	116.37	UG/L	
33) BROMOCHLOROMETHANE	3.659	128	106181	111.64	UG/L	85
34) TETRAHYDROFURAN	3.707	42	100103	128.20	UG/L	93
35) T-BUTYL FORMATE	0.000		0	N.D.	d	
36) CHLOROFORM	3.748	83	376513	98.58	UG/L	98
37) 1,1,1-TRICHLOROETHANE	3.916	97	347159	100.72	UG/L	93
38) CYCLOHEXANE	3.952	56	455552	111.25	UG/L	98
39) CARBON TETRACHLORIDE	4.077	117	318928	98.11	UG/L	98
40) 1,1-DICHLOROPROPENE	4.089	75	305093	105.22	UG/L	98
41) BENZENE	4.303	78	866761	109.32	UG/L	100
42) T-AMYL ALCOHOL	0.000		0	N.D.	d	
43) T-AMYLMETHYL ETHER	4.440	73	634482	118.73	UG/L	93
46) 1,2-DICHLOROETHANE	4.345	62	310543	84.34	UG/L	# 97
47) TRICHLOROETHENE	4.984	95	237563	92.70	UG/L	94
48) METHYLCYCLOHEXANE	5.162	83	379327	94.55	UG/L	90
49) 1,2-DICHLOROPROPANE	5.226	63	258297	15.37	UG/L	92
50) DIBROMOMETHANE	5.349	93	136794	81.31	UG/L	96
51) 1,4-DIOXANE	5.394	88	29422	1008.91	UG/L	# 81
52) BROMODICHLOROMETHANE	5.530	83	302424	88.04	UG/L	96

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23413.D
 Acq On : 22 Aug 2023 3:54 pm
 Operator :
 Sample : 8260 STD 100 PPB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 09:29:51 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2-CHLOROETHYL VINYLETHER	5.876	63	1607122	958.52	UG/L	97
54) MIBK	6.194	43	3204894	1135.73	UG/L	99
55) CIS-1,3-DICHLOROPROPENE	6.002	75	401014	104.26	UG/L	86
56) TOLUENE	6.336	91	1026993	109.57	UG/L	99
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	351923	111.80	UG/L #	85
58) ETHYL METHACRYLATE	0.000		0	N.D.	d	
59) 1,1,2-TRICHLOROETHANE	6.791	97	207239	110.51	UG/L	97
60) 2-HEXANONE	7.078	43	2398169	1239.46	UG/L	99
61) TETRACHLOROETHENE	6.902	164	215205	110.55	UG/L	97
62) 1,3-DICHLOROPROPANE	6.961	76	379958	118.60	UG/L	91
63) DIBROMOCHLOROMETHANE	7.195	129	272205	116.64	UG/L	100
64) 1,2-DIBROMOETHANE	7.301	107	230659	117.35	UG/L #	99
67) CHLOROBENZENE	7.823	112	732013	101.93	UG/L	95
68) 1,1,1,2-TETRACHLOROETHANE	7.920	131	267336	112.19	UG/L	99
69) ETHYLBENZENE	7.948	91	1224418	101.59	UG/L	99
70) M/P-XYLENES	8.076	91	1905694	192.08	UG/L	96
71) O-XYLENE	8.497	91	980706	102.73	UG/L	94
72) STYRENE	8.520	104	827488	105.53	UG/L #	88
73) BROMOFORM	8.712	173	180776	97.71	UG/L #	99
74) ISOPROPYLBENZENE	8.899	105	1294826	113.21	UG/L	99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	d	
76) 1,1,2,2-TETRACHLOROETHANE	9.250	83	307314	97.02	UG/L	98
77) 1,4-DICHLORO-2-BUTENE(...	9.312	53	121327	115.52	UG/L #	85
78) BROMOBENZENE	9.209	77	452626	105.22	UG/L	95
79) 1,2,3-TRICHLOROPROPANE	9.287	110	98011	113.60	UG/L	95
80) N-PROPYLBENZENE	9.342	91	1521296	111.69	UG/L	95
81) 2-CHLOROTOLUENE	9.426	91	857060	107.07	UG/L	95
82) 1,3,5-TRIMETHYLBENZENE	9.538	105	1083862	112.07	UG/L	96
83) 4-CHLOROTOLUENE	9.546	91	1004728	108.17	UG/L	94
85) TERT-BUTYLBENZENE	9.883	119	965164	115.54	UG/L	89
86) 1,2,4-TRIMETHYLBENZENE	9.939	105	1053478	105.62	UG/L	96
87) SEC-BUTYLBENZENE	10.120	105	1331828	108.54	UG/L	98
88) 1,3-DICHLOROBENZENE	10.229	146	602734	110.81	UG/L	99
89) P-ISOPROPYLTOLUENE	10.285	119	1215903	115.94	UG/L #	94
90) 1,4-DICHLOROBENZENE	10.330	146	613158	101.92	UG/L	96
91) 1,2,3-TRIMETHYLBENZENE	10.391	105	1078068	108.81	UG/L #	100
92) N-BUTYLBENZENE	10.726	91	1033294	110.70	UG/L	99
93) 1,2-DICHLOROBENZENE	10.728	146	559102	105.04	UG/L	100
94) 1,2-DIBROMO-3-CHLOROPR...	11.585	75	56080	131.03	UG/L	85
95) 1,3,5-TRICHLOROBENZENE	11.799	180	392577	135.59	UG/L	93
96) 1,2,4-TRICHLOROBENZENE	12.474	180	334003	156.57	UG/L	98
97) HEXACHLOROBUTADIENE	12.655	225	154500	158.17	UG/L	98
98) NAPHTHALENE	12.739	128	801385	145.44	UG/L	99
99) 1,2,3-TRICHLOROBENZENE	12.998	180	267925	162.07	UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

357

Inst : GCMSV0A2

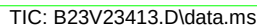
Quant Time: Aug 23 09:29:51 2023

Quant Method : C:\msdchem\1\methods\B052523W-TEST.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Fri Aug 18 14:26:27 2023

Response via : Initial Calibration



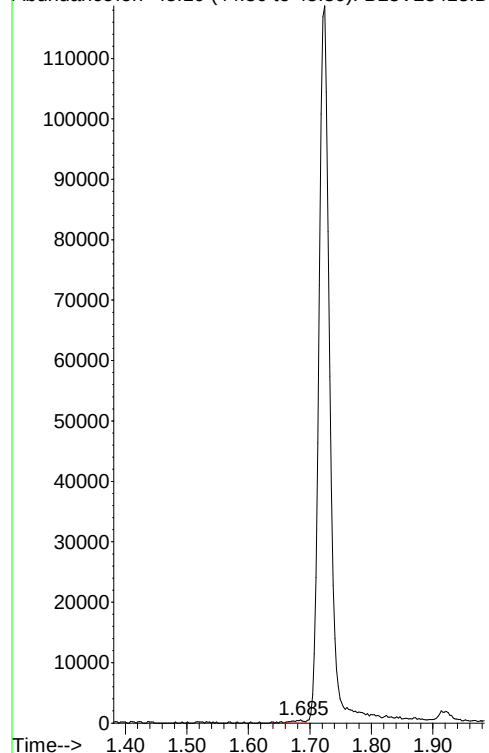
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23413.D
Acq On : 22 Aug 2023 3:54 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :

Quant Time : Wed Aug 23 09:31:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

ETHANOL

Abundance Ion 45.10 (44.80 to 45.80): B23V23413.D



Original Int. Results

RT : 1.68
Area : 635
Amount: 15.111

Manual Int. Results

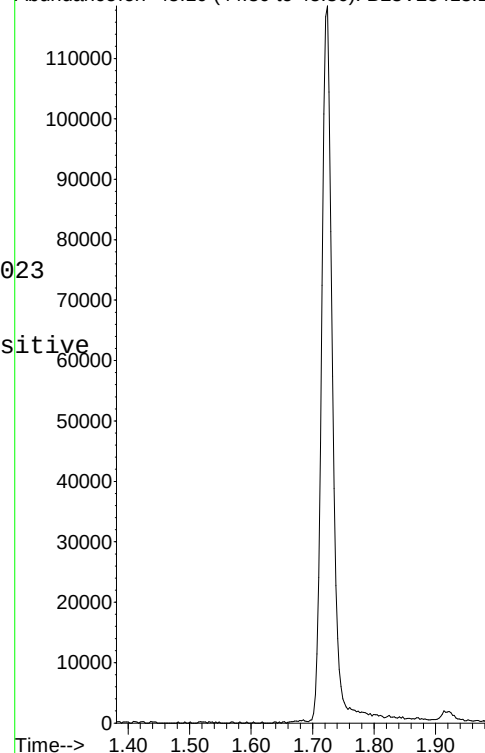
Wed Aug 23 09:30:05 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHANOL

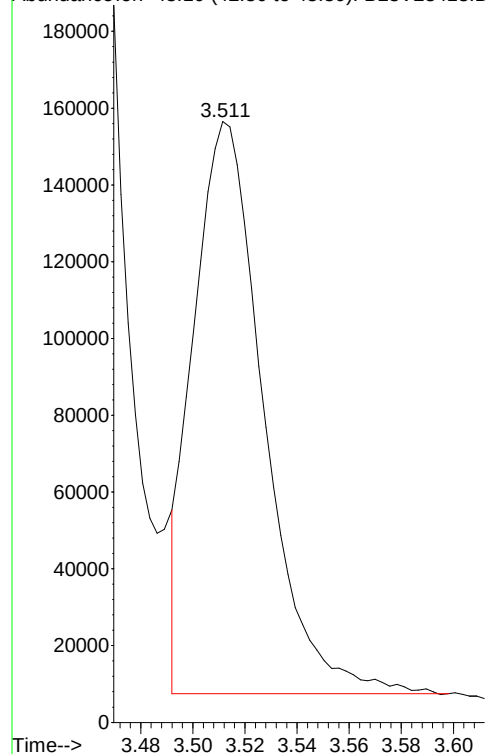
Abundance Ion 45.10 (44.80 to 45.80): B23V23413.D



Original Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23413.D



Original Int. Results

RT : 3.51
Area : 281732
Amount: 102.629

Manual Int. Results

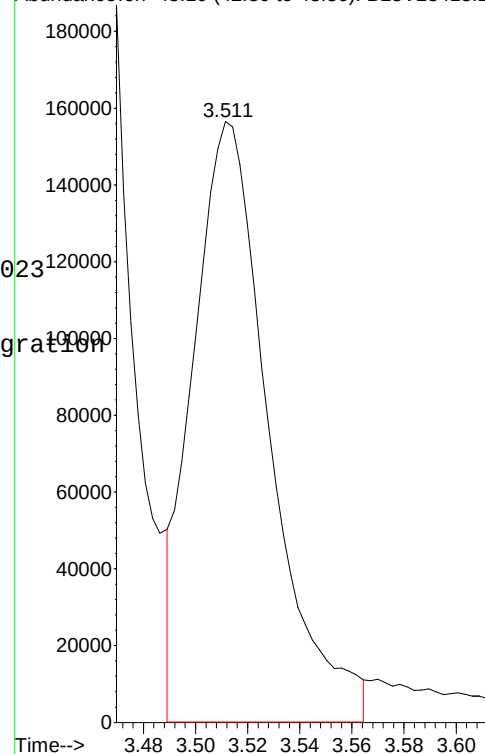
Wed Aug 23 09:30:36 2023

MIuser: LBD
Reason: Incoret Integration
RT : 3.51
Area : 319457
Amount: 116.372

Manual Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23413.D



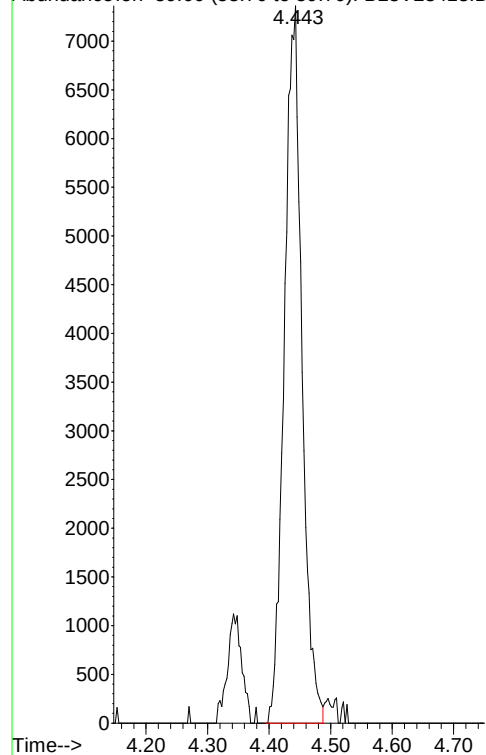
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23413.D
Acq On : 22 Aug 2023 3:54 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :

Quant Time : Wed Aug 23 09:31:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B23V23413.D



Original Int. Results

RT : 4.44
Area : 14559
Amount: 0

Manual Int. Results

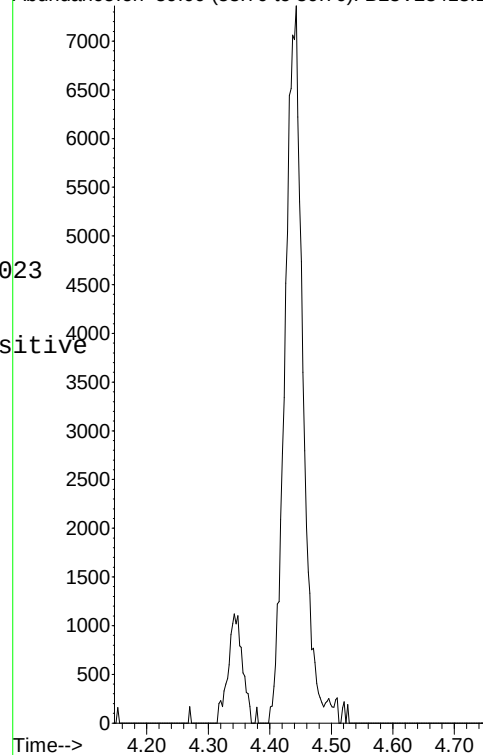
Wed Aug 23 09:30:45 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL FORMATE

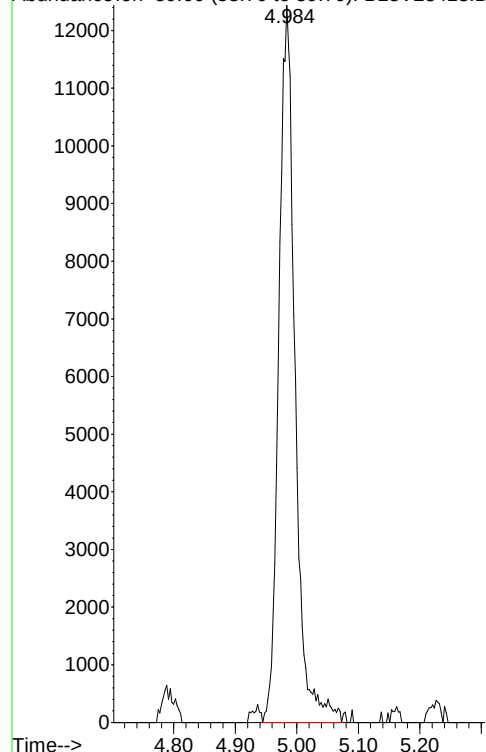
Abundance Ion 59.00 (58.70 to 59.70): B23V23413.D



Original Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B23V23413.D



Original Int. Results

RT : 4.98
Area : 22814
Amount: 0

Manual Int. Results

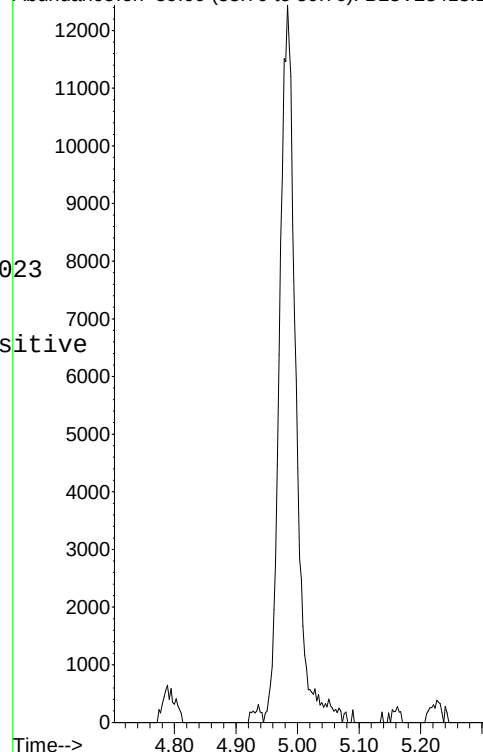
Wed Aug 23 09:30:50 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B23V23413.D



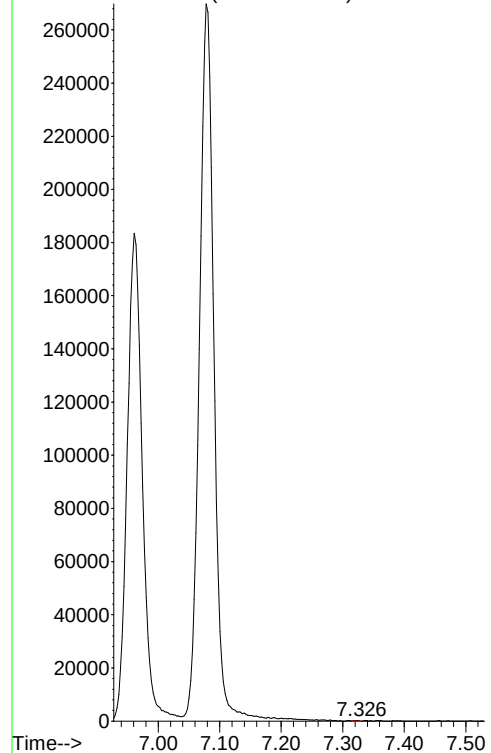
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23413.D
Acq On : 22 Aug 2023 3:54 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :

Quant Time : Wed Aug 23 09:31:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

ETHYL METHACRYLATE

Abundance on 41.10 (40.80 to 41.80): B23V23413.D



Original Int. Results

RT : 7.33
Area : 118
Amount: 0

Manual Int. Results

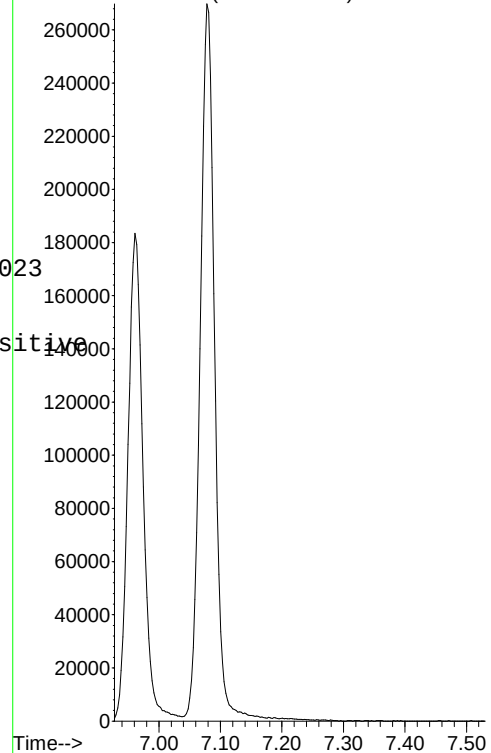
Wed Aug 23 09:31:04 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL METHACRYLATE

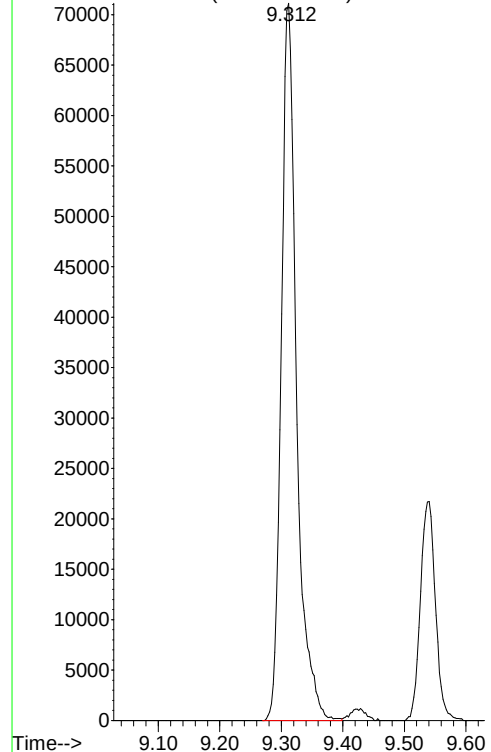
Abundance on 41.10 (40.80 to 41.80): B23V23413.D



Original Integration

CIS-1,4-DICHLORO-2-BUTENE

Abundance on 53.10 (52.80 to 53.80): B23V23413.D



Original Int. Results

RT : 9.31
Area : 121327
Amount: 0

Manual Int. Results

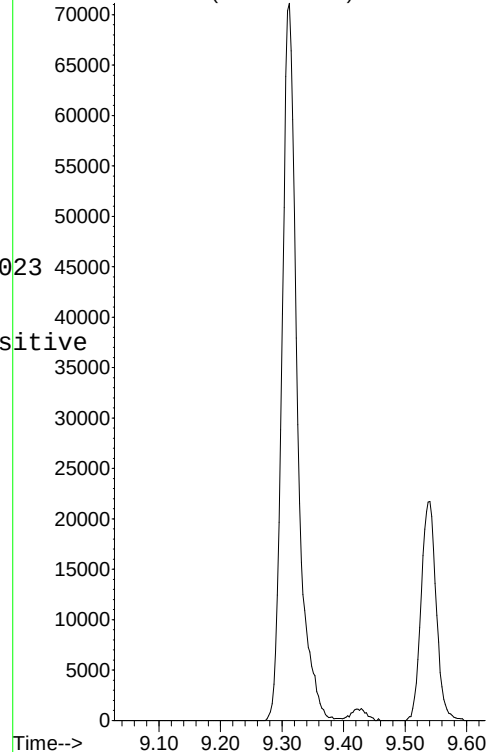
Wed Aug 23 09:31:15 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

CIS-1,4-DICHLORO-2-BUTENE

Abundance on 53.10 (52.80 to 53.80): B23V23413.D



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23414.D
 Acq On : 22 Aug 2023 4:20 pm
 Operator :
 Sample : 8260 STD 200 PPB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 09:31:52 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.974	168	126943	30.00	UG/L	-0.02
44) 1,4-DIFLUOROBENZENE - ...	4.733	114	226613	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.795	82	128344	30.00	UG/L	-0.01
84) 1,4-DICHLOROBENZENE-D4...	10.304	152	138082	30.00	UG/L	#-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	67136	24.86	UG/L	-0.02
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.44%	
45) TOLUENE-D8 SS	6.272	98	243812	28.00	UG/L	-0.01
Spiked Amount 25.000	Range 70	- 130	Recovery	=	112.00%	
66) 4-BROMOFLUOROBENZENE SS	9.063	95	103156	29.42	UG/L	-0.01
Spiked Amount 25.000	Range 70	- 130	Recovery	=	117.68%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.013	85	446357	190.79	UG/L	98
4) DIFLUOROCHLOROMETHANE	1.021	51	701356	220.94	UG/L	98
5) CHLOROMETHANE	1.116	50	800078	196.48	UG/L	99
6) VINYL CHLORIDE	1.174	62	576264	161.28	UG/L	98
7) BROMOMETHANE	1.342	94	218208	64.71	UG/L	85
8) CHLOROETHANE	1.398	64	264633	105.86	UG/L	96
9) FLUORODICHLOROMETHANE	1.515	67	724361	127.12	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.543	101	596505	105.15	UG/L	94
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.724	59	326022	178.07	UG/L	92
13) ACROLEIN	1.819	56	1000841	1918.91	UG/L	# 93
14) ACETONE	1.925	43	1497015	1476.59	UG/L	97
15) 1,1-DICHLOROETHENE	1.869	61	641375	144.34	UG/L	95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.860	101	360760	125.47	UG/L	100
17) IODOMETHANE	1.980	142	5479135	1000.37	UG/L	98
18) METHYL ACETATE	2.145	43	461835	169.00	UG/L	97
19) T-BUTYL ALCOHOL	2.337	59	558244	2365.83	UG/L	# 91
20) ACRYLONITRILE	2.435	53	214000	243.47	UG/L	96
21) METHYLENE CHLORIDE	2.217	49	709359	164.72	UG/L	94
22) CARBON DISULFIDE	2.022	76	9066737	1127.42	UG/L	100
23) METHYL TERT-BUTYL ETHE...	2.432	73	1151684	207.32	UG/L	100
24) TRANS 1,2-DICHLOROETHENE	2.426	61	655814	219.99	UG/L	91
25) 1,1-DICHLOROETHANE	2.811	63	850450	214.33	UG/L	99
26) VINYL ACETATE	2.881	43	13113460	2546.61	UG/L	99
27) DI ISOPROPYL ETHER	2.881	45	1795037	223.86	UG/L	# 98
28) 2-BUTANONE	3.453	43	2561500	2225.16	UG/L	99
29) T-BUTYL ETHYL ETHER	3.255	59	1474997	238.14	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.405	61	752546	208.80	UG/L	90
31) 2,2-DICHLOROPROPANE	3.397	77	629406	198.71	UG/L	98
32) ETHYL ACETATE	3.514	43	625965m	227.62	UG/L	
33) BROMOCHLOROMETHANE	3.659	128	191654	201.15	UG/L	84
34) TETRAHYDROFURAN	3.709	42	191941	245.39	UG/L	93
35) T-BUTYL FORMATE	0.000		0	N.D.	d	
36) CHLOROFORM	3.751	83	744191	194.51	UG/L	98
37) 1,1,1-TRICHLOROETHANE	3.916	97	692703	200.62	UG/L	92
38) CYCLOHEXANE	3.955	56	897963	218.90	UG/L	99
39) CARBON TETRACHLORIDE	4.077	117	628321	192.95	UG/L	100
40) 1,1-DICHLOROPROPENE	4.089	75	599072	206.25	UG/L	97
41) BENZENE	4.306	78	1712515	215.60	UG/L	100
42) T-AMYL ALCOHOL	0.000		0	N.D.	d	
43) T-AMYLMETHYL ETHER	4.440	73	1259089	235.19	UG/L	92
46) 1,2-DICHLOROETHANE	4.345	62	615524	169.01	UG/L	# 97
47) TRICHLOROETHENE	4.986	95	476047	187.80	UG/L	94
48) METHYLCYCLOHEXANE	5.162	83	756172	190.57	UG/L	90
49) 1,2-DICHLOROPROPANE	5.229	63	517144	31.11	UG/L	91
50) DIBROMOMETHANE	5.352	93	272952	164.04	UG/L	96
51) 1,4-DIOXANE	5.402	88	61513	2132.60	UG/L	# 76
52) BROMODICHLOROMETHANE	5.530	83	613473	180.55	UG/L	97

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23414.D
 Acq On : 22 Aug 2023 4:20 pm
 Operator :
 Sample : 8260 STD 200 PPB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 09:31:52 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

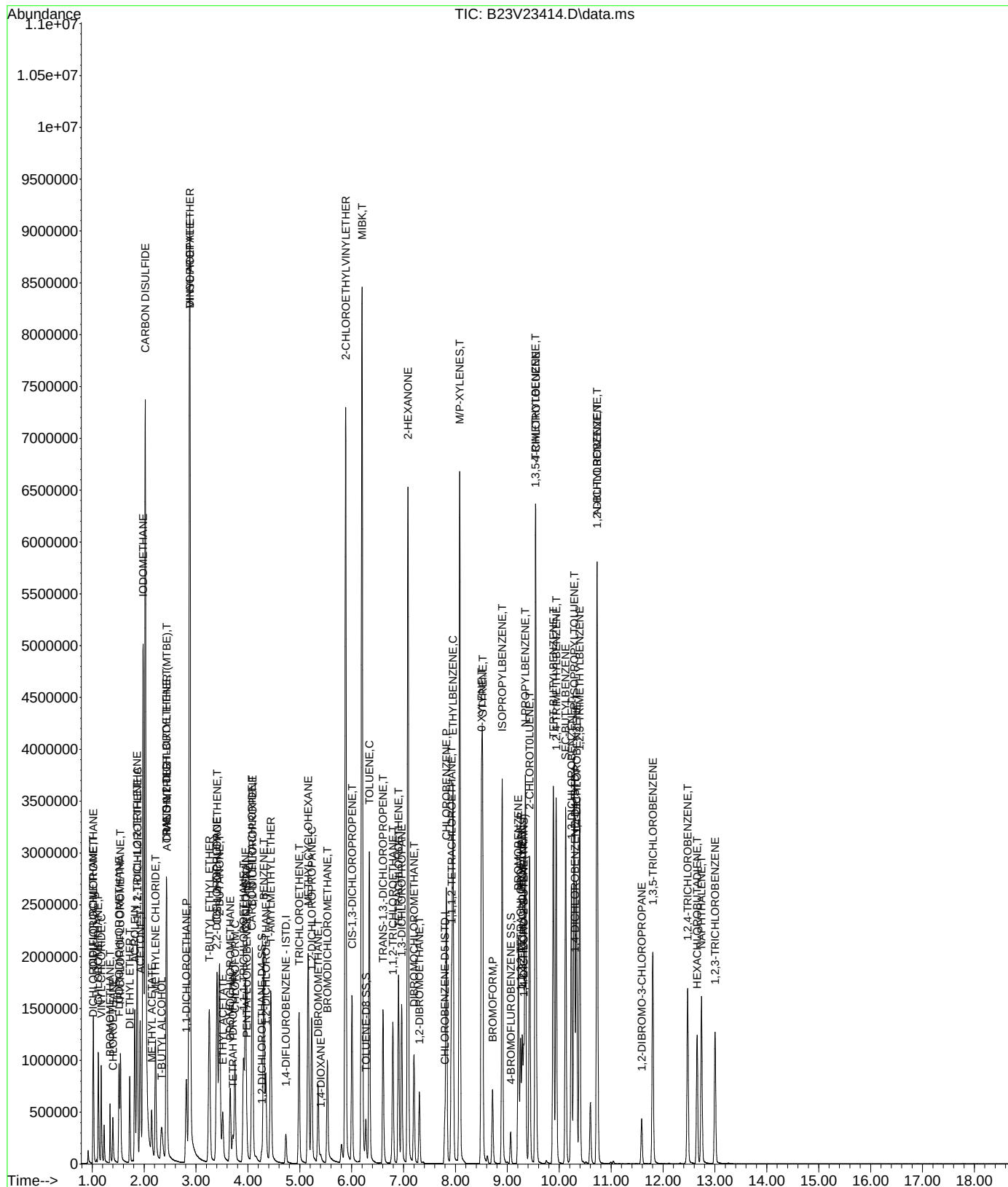
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2-CHLOROETHYL VINYLETHER	5.884	63	3058605	1844.32	UG/L	97
54) MIBK	6.200	43	6139697	2199.74	UG/L	99
55) CIS-1,3-DICHLOROPROPENE	6.007	75	809820	212.87	UG/L #	85
56) TOLUENE	6.342	91	2051398	221.27	UG/L	99
57) TRANS-1,3,-DICHLOROPRO...	6.604	75	709698	227.94	UG/L #	86
58) ETHYL METHACRYLATE	0.000		0	N.D.	d	
59) 1,1,2-TRICHLOROETHANE	6.794	97	416946	224.78	UG/L	97
60) 2-HEXANONE	7.084	43	4598720	2402.99	UG/L	99
61) TETRACHLOROETHENE	6.902	164	430855	223.77	UG/L	97
62) 1,3-DICHLOROPROPANE	6.964	76	759346	239.63	UG/L	91
63) DIBROMOCHLOROMETHANE	7.201	129	553288	239.70	UG/L	100
64) 1,2-DIBROMOETHANE	7.304	107	465533	239.47	UG/L #	98
67) CHLOROBENZENE	7.825	112	1481126	202.32	UG/L	95
68) 1,1,1,2-TETRACHLOROETHANE	7.923	131	547605	225.44	UG/L	98
69) ETHYLBENZENE	7.951	91	2468742	200.94	UG/L	98
70) M/P-XYLENES	8.079	91	3819819	377.69	UG/L	96
71) O-XYLENE	8.500	91	1977200	203.17	UG/L	94
72) STYRENE	8.522	104	1666004	208.42	UG/L #	88
73) BROMOFORM	8.715	173	366231	194.18	UG/L #	99
74) ISOPROPYLBENZENE	8.899	105	2627882	225.38	UG/L	99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	d	
76) 1,1,2,2-TETRACHLOROETHANE	9.253	83	602945	186.73	UG/L	98
77) 1,4-DICHLORO-2-BUTENE(...	9.314	53	240795	224.90	UG/L #	83
78) BROMOBENZENE	9.211	77	918094	209.36	UG/L	95
79) 1,2,3-TRICHLOROPROPANE	9.289	110	192015	218.33	UG/L	92
80) N-PROPYLBENZENE	9.345	91	3045202	219.32	UG/L	95
81) 2-CHLOROTOLUENE	9.429	91	1720363	210.84	UG/L	94
82) 1,3,5-TRIMETHYLBENZENE	9.540	105	2158913	218.99	UG/L	96
83) 4-CHLOROTOLUENE	9.546	91	2012332	212.53	UG/L	95
85) TERT-BUTYLBENZENE	9.886	119	1928298	230.08	UG/L	89
86) 1,2,4-TRIMETHYLBENZENE	9.942	105	2104525	210.30	UG/L	95
87) SEC-BUTYLBENZENE	10.123	105	2655565	215.70	UG/L	98
88) 1,3-DICHLOROBENZENE	10.235	146	1203494	220.53	UG/L	99
89) P-ISOPROPYLTOLUENE	10.288	119	2412992	229.31	UG/L #	94
90) 1,4-DICHLOROBENZENE	10.332	146	1232701	204.23	UG/L	96
91) 1,2,3-TRIMETHYLBENZENE	10.394	105	2157857	217.08	UG/L #	100
92) N-BUTYLBENZENE	10.728	91	2036983	217.51	UG/L	98
93) 1,2-DICHLOROBENZENE	10.731	146	1107840	207.44	UG/L	100
94) 1,2-DIBROMO-3-CHLOROPR...	11.587	75	107807	251.06	UG/L	85
95) 1,3,5-TRICHLOROBENZENE	11.802	180	765353	263.47	UG/L	93
96) 1,2,4-TRICHLOROBENZENE	12.474	180	644218	300.99	UG/L	98
97) HEXACHLOROBUTADIENE	12.658	225	295784	301.81	UG/L	98
98) NAPHTHALENE	12.742	128	1498086	270.98	UG/L	99
99) 1,2,3-TRICHLOROBENZENE	13.004	180	491983	296.61	UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Inst : GCMSV0A2

Quant Time: Aug 23 09:31:52 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



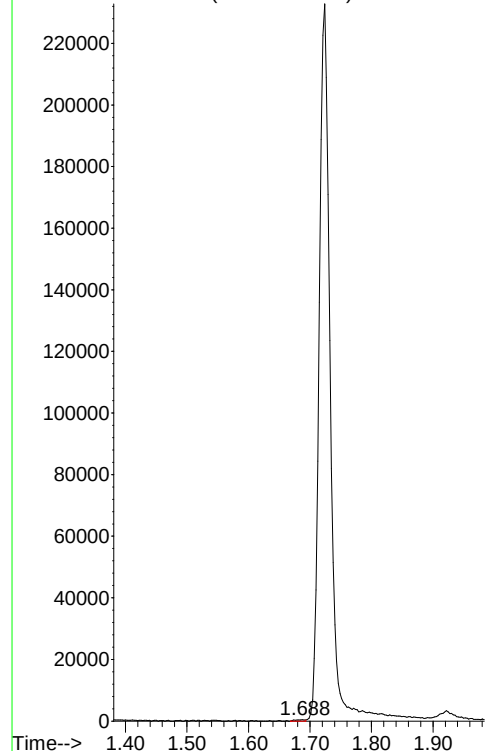
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23414.D
Acq On : 22 Aug 2023 4:20 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :

Quant Time : Wed Aug 23 09:33:54 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

ETHANOL

Abundance Ion 45.10 (44.80 to 45.80): B23V23414.D



Original Int. Results

RT : 1.69
Area : 513
Amount: 12.1861

Manual Int. Results

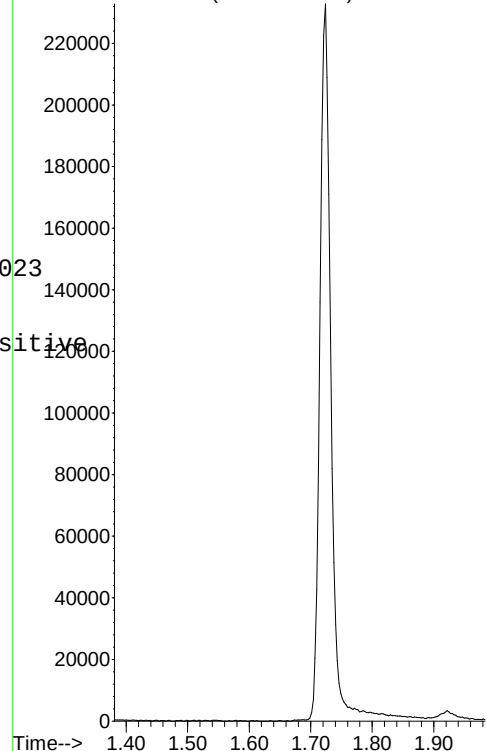
Wed Aug 23 09:32:03 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHANOL

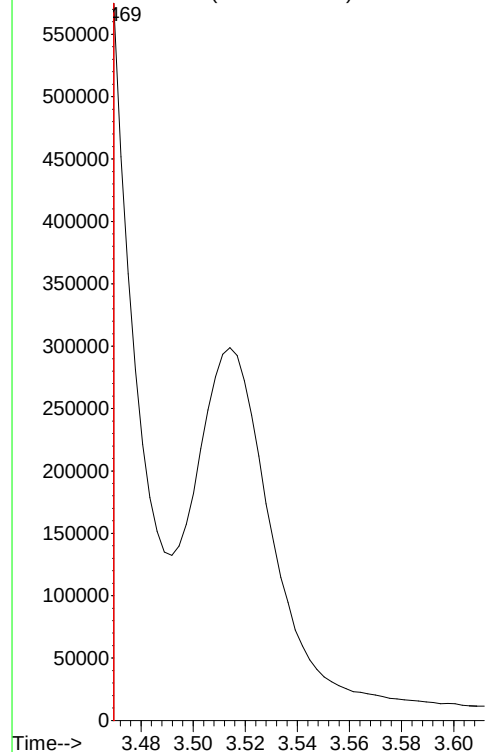
Abundance Ion 45.10 (44.80 to 45.80): B23V23414.D



Original Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23414.D



Original Int. Results

RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

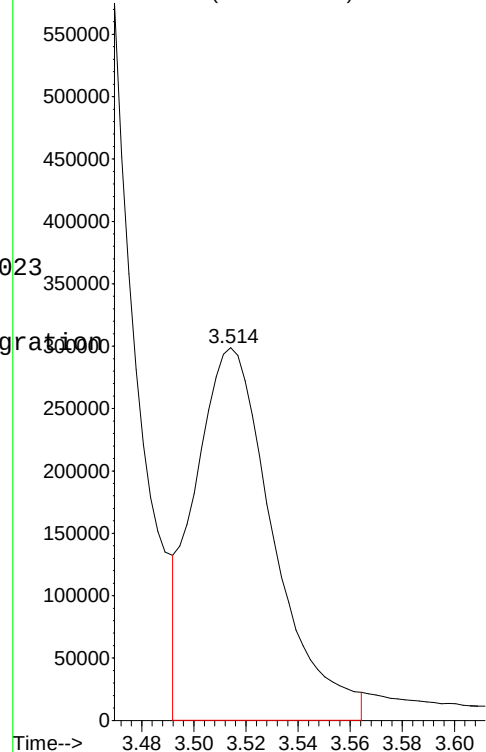
Wed Aug 23 09:32:35 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.51
Area : 625965
Amount: 227.622

Manual Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23414.D



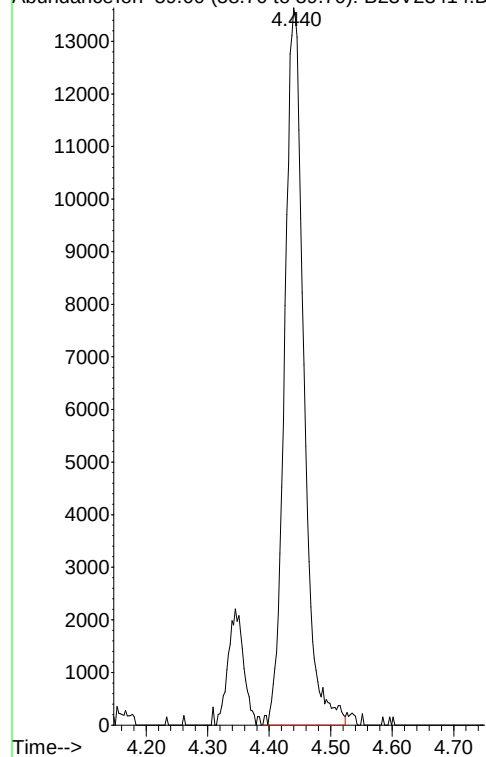
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23414.D
Acq On : 22 Aug 2023 4:20 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :

Quant Time : Wed Aug 23 09:33:54 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B23V23414.D



Original Int. Results

RT : 4.44
Area : 29443
Amount: 0

Manual Int. Results

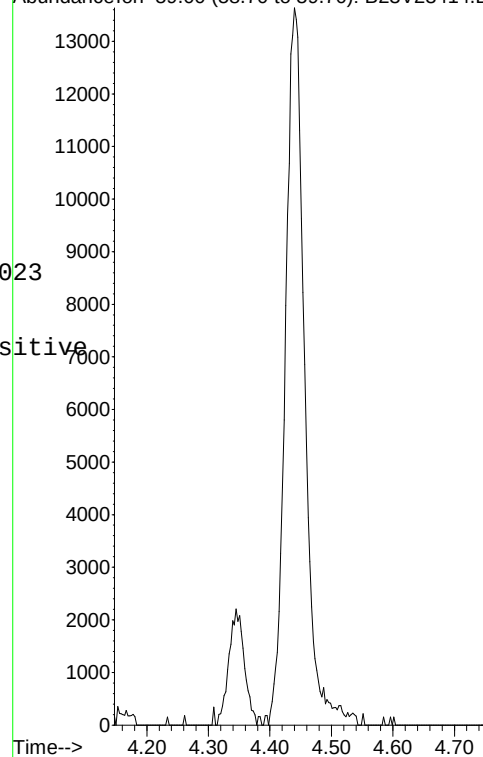
Wed Aug 23 09:32:42 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL FORMATE

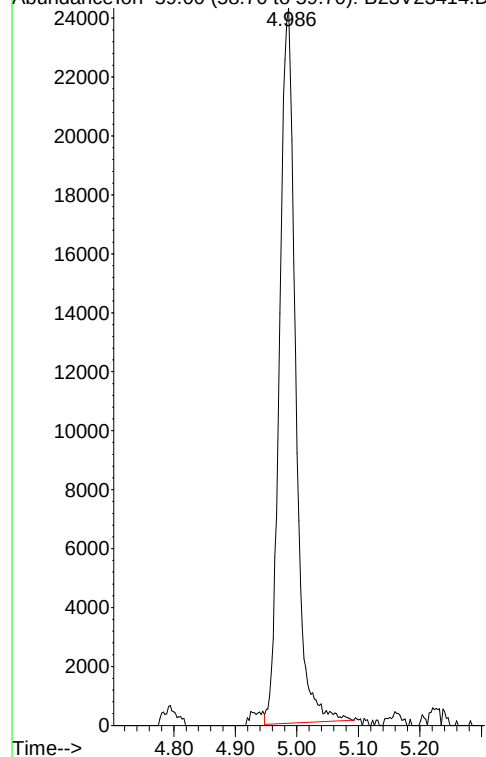
Abundance Ion 59.00 (58.70 to 59.70): B23V23414.D



Original Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B23V23414.D



Original Int. Results

RT : 4.99
Area : 43903
Amount: 0

Manual Int. Results

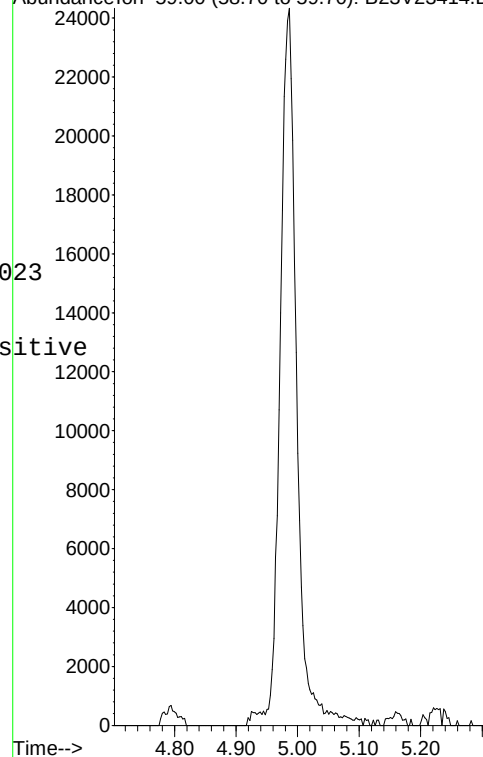
Wed Aug 23 09:32:50 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-AMYL ALCOHOL

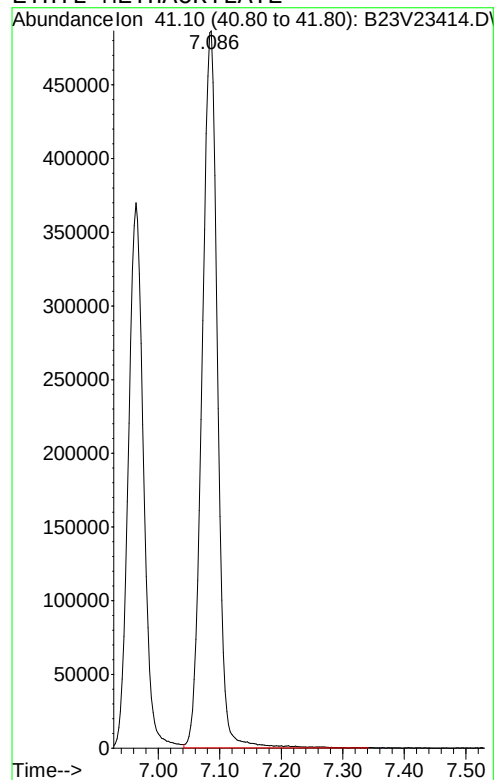
Abundance Ion 59.00 (58.70 to 59.70): B23V23414.D



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23414.D
Acq On : 22 Aug 2023 4:20 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :

Quant Time : Wed Aug 23 09:33:54 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHYL METHACRYLATE



Original Int. Results

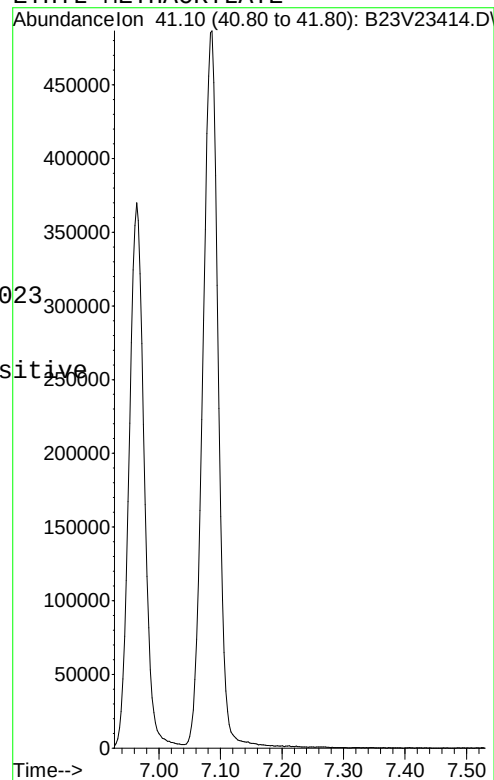
RT : 7.09
Area : 847809
Amount: 0

Manual Int. Results

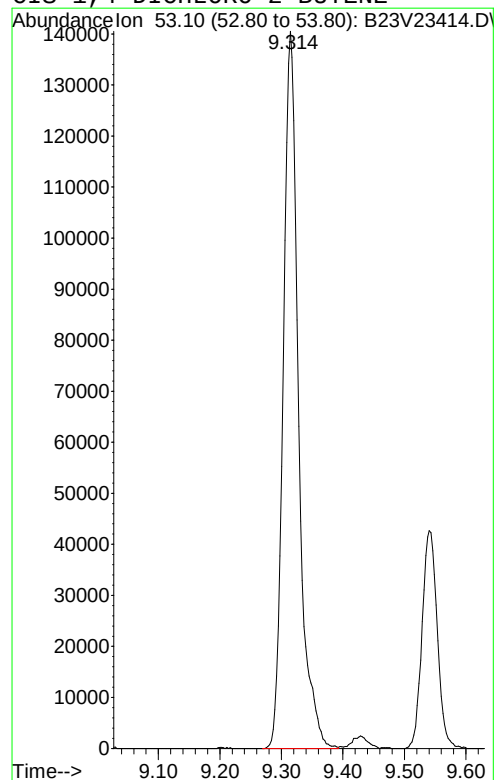
Wed Aug 23 09:33:42 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHYL METHACRYLATE



Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

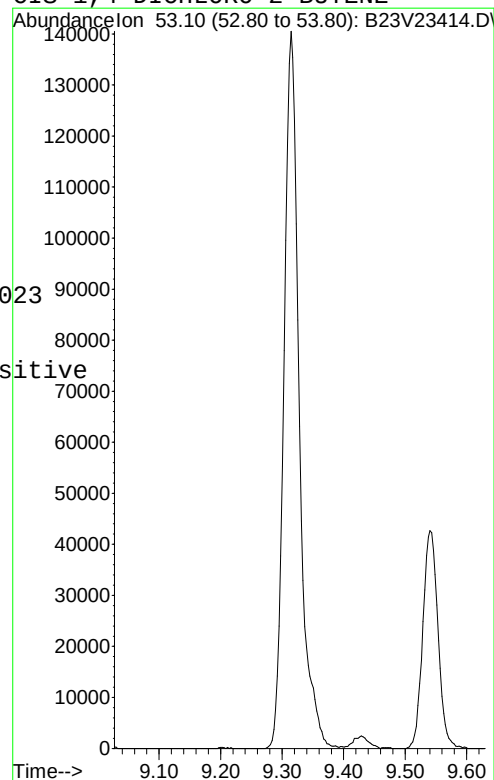
RT : 9.31
Area : 240795
Amount: 0

Manual Int. Results

Wed Aug 23 09:33:53 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23415.D
 Acq On : 22 Aug 2023 4:46 pm
 Operator :
 Sample : 8260 ETOH 500 PPB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 09:35:51 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.977	168	125455	30.00	UG/L	-0.02
44) 1,4-DIFLUOROBENZENE - ...	4.733	114	230409	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	123705	30.00	UG/L	-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.304	152	132952	30.00	UG/L	-0.01

System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	69015	25.86	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.44%		
45) TOLUENE-D8 SS	6.266	98	238091	26.89	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	107.56%		
66) 4-BROMOFLUOROBENZENE SS	9.061	95	98598	29.18	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	116.72%		

Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.000		0	N.D.		
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.119	50	1463	0.36	UG/L #	44
6) VINYL CHLORIDE	0.000		0	N.D.		
7) BROMOMETHANE	1.353	94	1640	0.49	UG/L	93
8) CHLOROETHANE	0.000		0	N.D.		
9) FLUORODICHLOROMETHANE	0.000		0	N.D.		
10) TRICHLOROFLUOROMETHANE	0.000		0	N.D.		
11) ETHANOL	1.676	45	21489	516.52	UG/L #	80
12) DI ETHYL ETHER	0.000		0	N.D.		
13) ACROLEIN	1.816	56	2112	4.10	UG/L #	74
14) ACETONE	1.927	43	2366	2.36	UG/L	90
15) 1,1-DICHLOROETHENE	0.000		0	N.D.		
16) 1,1,2-TRICL-1,2,2-TRIF...	0.000		0	N.D.		
17) IODOMETHANE	1.983	142	4233	0.78	UG/L	89
18) METHYL ACETATE	2.184	43	188	0.07	UG/L #	64
19) T-BUTYL ALCOHOL	2.332	59	2467	10.58	UG/L #	88
20) ACRYLONITRILE	0.000		0	N.D.		
21) METHYLENE CHLORIDE	2.220	49	1767	0.42	UG/L	99
22) CARBON DISULFIDE	2.025	76	34829	4.38	UG/L	99
23) METHYL TERT-BUTYL ETHE...	0.000		0	N.D.		
24) TRANS 1,2-DICHLOROETHENE	2.429	61	735	0.25	UG/L #	30
25) 1,1-DICHLOROETHANE	0.000		0	N.D.		
26) VINYL ACETATE	2.878	43	11957	2.35	UG/L	96
27) DI ISOPROPYL ETHER	0.000		0	N.D.		
28) 2-BUTANONE	3.461	43	2943	2.59	UG/L #	64
29) T-BUTYL ETHYL ETHER	0.000		0	N.D.		
30) CIS-1,2-DICHLOROETHENE	3.405	61	878	0.25	UG/L #	72
31) 2,2-DICHLOROPROPANE	0.000		0	N.D.		
32) ETHYL ACETATE	0.000		0	N.D.		
33) BROMOCHLOROMETHANE	3.659	128	577	0.61	UG/L	98
34) TETRAHYDROFURAN	0.000		0	N.D.		
35) T-BUTYL FORMATE	0.000		0	N.D.		
36) CHLOROFORM	0.000		0	N.D.		
37) 1,1,1-TRICHLOROETHANE	0.000		0	N.D.		
38) CYCLOHEXANE	3.974	56	3056	0.75	UG/L #	34
39) CARBON TETRACHLORIDE	0.000		0	N.D.		
40) 1,1-DICHLOROPROPENE	0.000		0	N.D.		
41) BENZENE	0.000		0	N.D.		
42) T-AMYL ALCOHOL	0.000		0	N.D.		
43) T-AMYLMETHYL ETHER	0.000		0	N.D.		
46) 1,2-DICHLOROETHANE	4.348	62	777	0.21	UG/L #	48
47) TRICHLOROETHENE	0.000		0	N.D.		
48) METHYLCYCLOHEXANE	5.159	83	221	0.05	UG/L #	14
49) 1,2-DICHLOROPROPANE	0.000		0	N.D.		
50) DIBROMOMETHANE	5.363	93	758	0.45	UG/L	94
51) 1,4-DIOXANE	5.399	88	1023	34.88	UG/L #	13
52) BROMODICHLOROMETHANE	0.000		0	N.D.		

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23415.D
 Acq On : 22 Aug 2023 4:46 pm
 Operator :
 Sample : 8260 ETOH 500 PPB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 09:35:51 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2-CHLOROETHYL VINYLETHER	5.876	63	2418	1.43	UG/L	83
54) MIBK	6.194	43	5695	2.01	UG/L #	90
55) CIS-1,3-DICHLOROPROPENE	6.013	75	785	0.20	UG/L #	40
56) TOLUENE	6.336	91	774	0.08	UG/L #	21
57) TRANS-1,3,-DICHLOROPRO...	6.604	75	1424	0.45	UG/L #	79
58) ETHYL METHACRYLATE	7.081	41	1172	No Calib	#	
59) 1,1,2-TRICHLOROETHANE	0.000		0	N.D.		
60) 2-HEXANONE	7.081	43	6409	3.29	UG/L #	89
61) TETRACHLOROETHENE	0.000		0	N.D.		
62) 1,3-DICHLOROPROPANE	0.000		0	N.D.		
63) DIBROMOCHLOROMETHANE	0.000		0	N.D.		
64) 1,2-DIBROMOETHANE	0.000		0	N.D.		
67) CHLOROBENZENE	7.825	112	1149	0.16	UG/L #	28
68) 1,1,1,2-TETRACHLOROETHANE	0.000		0	N.D.		
69) ETHYLBENZENE	7.954	91	1416	0.12	UG/L #	43
70) M/P-XYLENES	8.079	91	2489	0.26	UG/L	99
71) O-XYLENE	8.506	91	1436	0.15	UG/L	92
72) STYRENE	8.522	104	1639	0.21	UG/L #	55
73) BROMOFORM	0.000		0	N.D.		
74) ISOPROPYLBENZENE	8.902	105	2501	0.22	UG/L	95
75) CIS-1,4-DICHLORO-2-BUTENE	9.314	53	340	No Calib	#	
76) 1,1,2,2-TETRACHLOROETHANE	9.253	83	1240	0.40	UG/L #	93
77) 1,4-DICHLORO-2-BUTENE(...	0.000		0	N.D.		
78) BROMOBENZENE	9.206	77	563	0.13	UG/L #	1
79) 1,2,3-TRICHLOROPROPANE	0.000		0	N.D.		
80) N-PROPYLBENZENE	9.342	91	4199	0.31	UG/L	100
81) 2-CHLOROTOLUENE	9.426	91	2636	0.34	UG/L	91
82) 1,3,5-TRIMETHYLBENZENE	9.540	105	3793	0.40	UG/L	98
83) 4-CHLOROTOLUENE	9.549	91	3537	0.39	UG/L	90
85) TERT-BUTYLBENZENE	9.878	119	4389	0.54	UG/L	90
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	4044	0.42	UG/L	95
87) SEC-BUTYLBENZENE	10.118	105	7414	0.63	UG/L	96
88) 1,3-DICHLOROBENZENE	10.232	146	3375	0.64	UG/L	97
89) P-ISOPROPYLTOLUENE	10.282	119	7231	0.71	UG/L	100
90) 1,4-DICHLOROBENZENE	10.329	146	3957	0.68	UG/L #	63
91) 1,2,3-TRIMETHYLBENZENE	10.391	105	5107	0.53	UG/L #	100
92) N-BUTYLBENZENE	10.723	91	9867	1.09	UG/L	99
93) 1,2-DICHLOROBENZENE	10.731	146	4011	0.78	UG/L	97
94) 1,2-DIBROMO-3-CHLOROPR...	11.590	75	1354	3.27	UG/L	95
95) 1,3,5-TRICHLOROBENZENE	11.802	180	9120	3.26	UG/L	95
96) 1,2,4-TRICHLOROBENZENE	12.477	180	16418	7.97	UG/L	98
97) HEXACHLOROBUTADIENE	12.655	225	10279	10.89	UG/L	99
98) NAPHTHALENE	12.739	128	80053	15.04	UG/L	98
99) 1,2,3-TRICHLOROBENZENE	13.004	180	30363	19.01	UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

369

Inst : GCMSV0A2

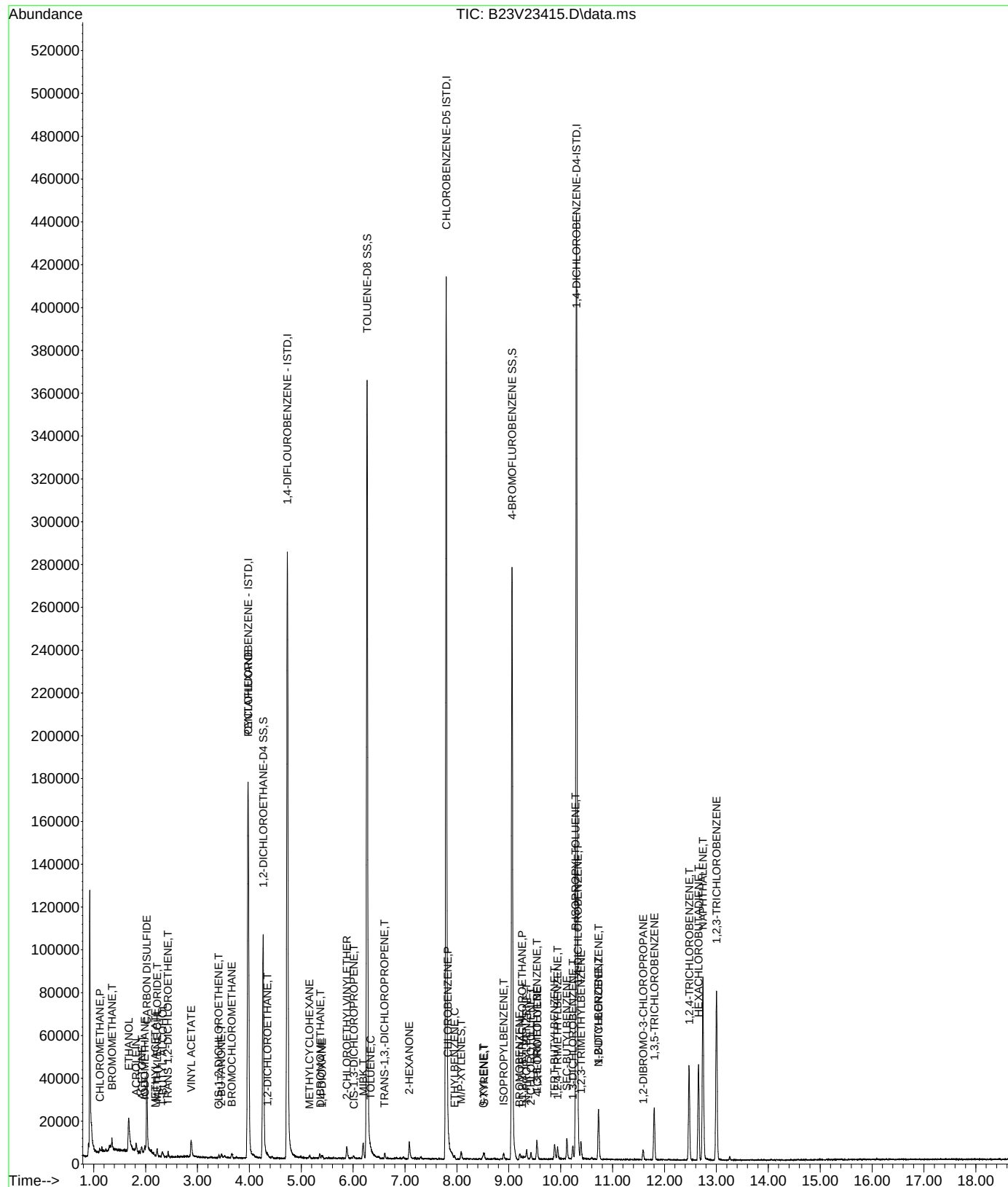
Quant Time: Aug 23 09:35:51 2023

Quant Method : C:\msdchem\1\methods\B052523W-TEST.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Fri Aug 18 14:26:27 2023

Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23416.D
 Acq On : 22 Aug 2023 5:12 pm
 Operator :
 Sample : 8260 ETOH 1000 PPB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 09:36:21 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.977	168	125105	30.00	UG/L	-0.02
44) 1,4-DIFLUOROBENZENE - ...	4.733	114	231004	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	126972	30.00	UG/L	-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	133989	30.00	UG/L	-0.02

System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	69914	26.27	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.08%		
45) TOLUENE-D8 SS	6.266	98	244899	27.59	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	110.36%		
66) 4-BROMOFLUOROBENZENE SS	9.061	95	99607	28.72	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	114.88%		

Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.000		0	N.D.		
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.113	50	520	0.13 UG/L #	44	
6) VINYL CHLORIDE	0.000		0	N.D.		
7) BROMOMETHANE	1.353	94	814	0.24 UG/L #	9	
8) CHLOROETHANE	0.000		0	N.D.		
9) FLUORODICHLOROMETHANE	0.000		0	N.D.		
10) TRICHLOROFLUOROMETHANE	0.000		0	N.D.		
11) ETHANOL	1.676	45	44926	1082.88 UG/L #	80	
12) DI ETHYL ETHER	0.000		0	N.D.		
13) ACROLEIN	1.819	56	702	1.37 UG/L #	47	
14) ACETONE	1.922	43	1126	1.13 UG/L #	48	
15) 1,1-DICHLOROETHENE	0.000		0	N.D.		
16) 1,1,2-TRICL-1,2,2-TRIF...	0.000		0	N.D.		
17) IODOMETHANE	1.980	142	928	0.17 UG/L	87	
18) METHYL ACETATE	2.215	43	123	0.05 UG/L #	64	
19) T-BUTYL ALCOHOL	0.000		0	N.D.		
20) ACRYLONITRILE	0.000		0	N.D.		
21) METHYLENE CHLORIDE	2.220	49	688	0.16 UG/L #	32	
22) CARBON DISULFIDE	2.022	76	15381	1.94 UG/L	100	
23) METHYL TERT-BUTYL ETHE...	0.000		0	N.D.		
24) TRANS 1,2-DICHLOROETHENE	0.000		0	N.D.		
25) 1,1-DICHLOROETHANE	0.000		0	N.D.		
26) VINYL ACETATE	2.881	43	4012	0.79 UG/L #	82	
27) DI ISOPROPYL ETHER	0.000		0	N.D.		
28) 2-BUTANONE	3.475	43	859	0.76 UG/L #	64	
29) T-BUTYL ETHYL ETHER	0.000		0	N.D.		
30) CIS-1,2-DICHLOROETHENE	0.000		0	N.D.		
31) 2,2-DICHLOROPROPANE	0.000		0	N.D.		
32) ETHYL ACETATE	3.517	43	2600	0.96 UG/L #	77	
33) BROMOCHLOROMETHANE	0.000		0	N.D.		
34) TETRAHYDROFURAN	0.000		0	N.D.		
35) T-BUTYL FORMATE	0.000		0	N.D.		
36) CHLOROFORM	0.000		0	N.D.		
37) 1,1,1-TRICHLOROETHANE	0.000		0	N.D.		
38) CYCLOHEXANE	3.974	56	2574	0.64 UG/L #	30	
39) CARBON TETRACHLORIDE	0.000		0	N.D.		
40) 1,1-DICHLOROPROPENE	0.000		0	N.D.		
41) BENZENE	0.000		0	N.D.		
42) T-AMYL ALCOHOL	0.000		0	N.D.		
43) T-AMYLMETHYL ETHER	0.000		0	N.D.		
46) 1,2-DICHLOROETHANE	0.000		0	N.D.		
47) TRICHLOROETHENE	0.000		0	N.D.		
48) METHYLCYCLOHEXANE	0.000		0	N.D.		
49) 1,2-DICHLOROPROPANE	0.000		0	N.D.		
50) DIBROMOMETHANE	0.000		0	N.D.		
51) 1,4-DIOXANE	0.000		0	N.D.		
52) BROMODICHLOROMETHANE	0.000		0	N.D.		

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23416.D
 Acq On : 22 Aug 2023 5:12 pm
 Operator :
 Sample : 8260 ETOH 1000 PPB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 09:36:21 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2-CHLOROETHYL VINYLETHER	0.000		0	N.D.		
54) MIBK	6.191	43	1433	0.50	UG/L #	49
55) CIS-1,3-DICHLOROPROPENE	0.000		0	N.D.		
56) TOLUENE	0.000		0	N.D.		
57) TRANS-1,3,-DICHLOROPRO...	0.000		0	N.D.		
58) ETHYL METHACRYLATE	7.089	41	122	No Calib	#	
59) 1,1,2-TRICHLOROETHANE	0.000		0	N.D.		
60) 2-HEXANONE	7.089	43	1230	0.63	UG/L #	41
61) TETRACHLOROETHENE	0.000		0	N.D.		
62) 1,3-DICHLOROPROPANE	0.000		0	N.D.		
63) DIBROMOCHLOROMETHANE	0.000		0	N.D.		
64) 1,2-DIBROMOETHANE	0.000		0	N.D.		
67) CHLOROBENZENE	0.000		0	N.D.		
68) 1,1,1,2-TETRACHLOROETHANE	0.000		0	N.D.		
69) ETHYLBENZENE	0.000		0	N.D.		
70) M/P-XYLENES	8.085	91	764	0.08	UG/L #	28
71) O-XYLENE	0.000		0	N.D.		
72) STYRENE	0.000		0	N.D.		
73) BROMOFORM	0.000		0	N.D.		
74) ISOPROPYLBENZENE	8.899	105	642	0.06	UG/L #	48
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.		
76) 1,1,2,2-TETRACHLOROETHANE	0.000		0	N.D.		
77) 1,4-DICHLORO-2-BUTENE(...	0.000		0	N.D.		
78) BROMOBENZENE	0.000		0	N.D.		
79) 1,2,3-TRICHLOROPROPANE	0.000		0	N.D.		
80) N-PROPYLBENZENE	9.339	91	1018	0.07	UG/L #	54
81) 2-CHLOROTOLUENE	9.437	91	525	0.07	UG/L #	41
82) 1,3,5-TRIMETHYLBENZENE	9.543	105	837	0.09	UG/L #	29
83) 4-CHLOROTOLUENE	9.549	91	866	0.09	UG/L #	45
85) TERT-BUTYLBENZENE	9.889	119	772	0.09	UG/L #	14
86) 1,2,4-TRIMETHYLBENZENE	9.939	105	968	0.10	UG/L #	31
87) SEC-BUTYLBENZENE	10.118	105	1337	0.11	UG/L #	55
88) 1,3-DICHLOROBENZENE	10.221	146	896	0.17	UG/L #	25
89) P-ISOPROPYLTOLUENE	10.288	119	1614	0.16	UG/L #	48
90) 1,4-DICHLOROBENZENE	10.327	146	992	0.17	UG/L #	41
91) 1,2,3-TRIMETHYLBENZENE	10.396	105	1074	0.11	UG/L #	100
92) N-BUTYLBENZENE	10.728	91	1903	0.21	UG/L #	74
93) 1,2-DICHLOROBENZENE	10.737	146	776	0.15	UG/L #	25
94) 1,2-DIBROMO-3-CHLOROPR...	0.000		0	N.D.		
95) 1,3,5-TRICHLOROBENZENE	11.796	180	1300	0.46	UG/L	95
96) 1,2,4-TRICHLOROBENZENE	12.474	180	2269	1.09	UG/L #	85
97) HEXACHLOROBUTADIENE	12.655	225	2106	2.21	UG/L	93
98) NAPHTHALENE	12.744	128	8554	1.59	UG/L	98
99) 1,2,3-TRICHLOROBENZENE	13.004	180	4498	2.79	UG/L	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Inst : GCMSV0A2

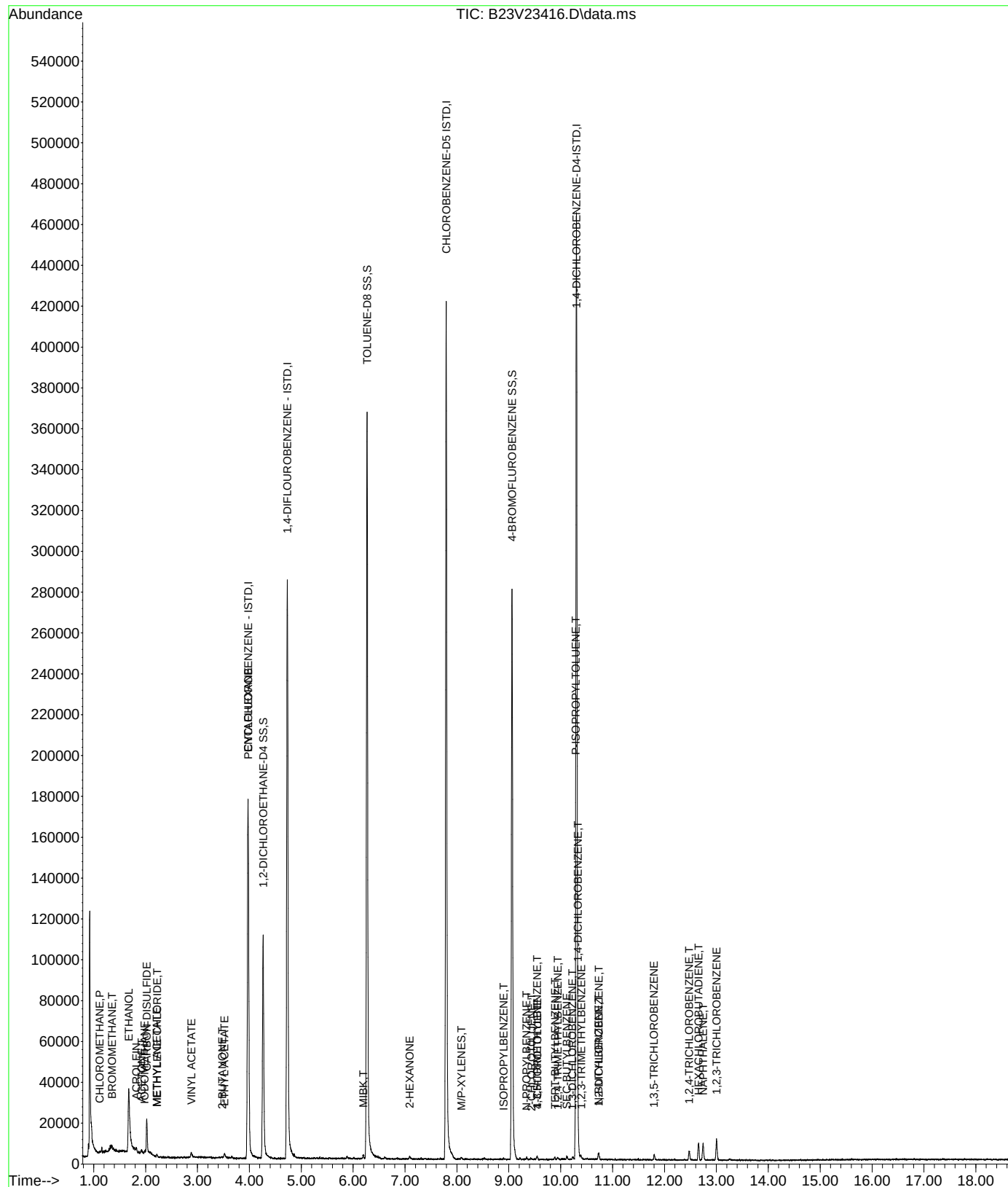
Quant Time: Aug 23 09:36:21 2023

Quant Method : C:\msdchem\1\methods\B052523W-TEST.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Fri Aug 18 14:26:27 2023

Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23417.D
 Acq On : 22 Aug 2023 5:38 pm
 Operator :
 Sample : 8260 ETOH 2000 PPB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 09:36:45 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.977	168	128399	30.00	UG/L	-0.02
44) 1,4-DIFLUOROBENZENE - ...	4.733	114	228846	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.795	82	125036	30.00	UG/L	-0.01
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	135305	30.00	UG/L	-0.02

System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	69236	25.35	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.40%		
45) TOLUENE-D8 SS	6.266	98	244695	27.83	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	111.32%		
66) 4-BROMOFLUOROBENZENE SS	9.061	95	99404	29.10	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	116.40%		

Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.000		0	N.D.		
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	0.000		0	N.D.		
6) VINYL CHLORIDE	0.000		0	N.D.		
7) BROMOMETHANE	1.345	94	862	0.25	UG/L #	9
8) CHLOROETHANE	0.000		0	N.D.		
9) FLUORODICHLOROMETHANE	0.000		0	N.D.		
10) TRICHLOROFLUOROMETHANE	0.000		0	N.D.		
11) ETHANOL	1.682	45	85371	2004.96	UG/L #	78
12) DI ETHYL ETHER	0.000		0	N.D.		
13) ACROLEIN	0.000		0	N.D.		
14) ACETONE	1.925	43	1136	1.11	UG/L #	48
15) 1,1-DICHLOROETHENE	0.000		0	N.D.		
16) 1,1,2-TRICL-1,2,2-TRIF...	0.000		0	N.D.		
17) IODOMETHANE	1.980	142	917	0.17	UG/L #	80
18) METHYL ACETATE	2.201	43	100	0.04	UG/L #	64
19) T-BUTYL ALCOHOL	0.000		0	N.D.		
20) ACRYLONITRILE	0.000		0	N.D.		
21) METHYLENE CHLORIDE	0.000		0	N.D.		
22) CARBON DISULFIDE	2.022	76	9586	1.18	UG/L	100
23) METHYL TERT-BUTYL ETHE...	0.000		0	N.D.		
24) TRANS 1,2-DICHLOROETHENE	0.000		0	N.D.		
25) 1,1-DICHLOROETHANE	0.000		0	N.D.		
26) VINYL ACETATE	2.875	43	2412	0.46	UG/L #	82
27) DI ISOPROPYL ETHER	0.000		0	N.D.		
28) 2-BUTANONE	3.478	43	1232	1.06	UG/L #	64
29) T-BUTYL ETHYL ETHER	0.000		0	N.D.		
30) CIS-1,2-DICHLOROETHENE	0.000		0	N.D.		
31) 2,2-DICHLOROPROPANE	0.000		0	N.D.		
32) ETHYL ACETATE	3.520	43	4935	1.77	UG/L	99
33) BROMOCHLOROMETHANE	0.000		0	N.D.		
34) TETRAHYDROFURAN	0.000		0	N.D.		
35) T-BUTYL FORMATE	0.000		0	N.D.		
36) CHLOROFORM	0.000		0	N.D.		
37) 1,1,1-TRICHLOROETHANE	0.000		0	N.D.		
38) CYCLOHEXANE	3.971	56	2465	0.59	UG/L #	23
39) CARBON TETRACHLORIDE	0.000		0	N.D.		
40) 1,1-DICHLOROPROPENE	0.000		0	N.D.		
41) BENZENE	0.000		0	N.D.		
42) T-AMYL ALCOHOL	0.000		0	N.D.		
43) T-AMYLMETHYL ETHER	0.000		0	N.D.		
46) 1,2-DICHLOROETHANE	0.000		0	N.D.		
47) TRICHLOROETHENE	0.000		0	N.D.		
48) METHYLCYCLOHEXANE	0.000		0	N.D.		
49) 1,2-DICHLOROPROPANE	0.000		0	N.D.		
50) DIBROMOMETHANE	0.000		0	N.D.		
51) 1,4-DIOXANE	0.000		0	N.D.		
52) BROMODICHLOROMETHANE	0.000		0	N.D.		

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23417.D
 Acq On : 22 Aug 2023 5:38 pm
 Operator :
 Sample : 8260 ETOH 2000 PPB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 09:36:45 2023
 Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Aug 18 14:26:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2-CHLOROETHYL VINYLETHER	0.000		0	N.D.		
54) MIBK	6.194	43	804	0.29	UG/L #	49
55) CIS-1,3-DICHLOROPROPENE	0.000		0	N.D.		
56) TOLUENE	0.000		0	N.D.		
57) TRANS-1,3,-DICHLOROPRO...	0.000		0	N.D.		
58) ETHYL METHACRYLATE	0.000		0	N.D.		
59) 1,1,2-TRICHLOROETHANE	0.000		0	N.D.		
60) 2-HEXANONE	0.000		0	N.D.		
61) TETRACHLOROETHENE	0.000		0	N.D.		
62) 1,3-DICHLOROPROPANE	0.000		0	N.D.		
63) DIBROMOCHLOROMETHANE	0.000		0	N.D.		
64) 1,2-DIBROMOETHANE	0.000		0	N.D.		
67) CHLOROBENZENE	0.000		0	N.D.		
68) 1,1,1,2-TETRACHLOROETHANE	0.000		0	N.D.		
69) ETHYLBENZENE	0.000		0	N.D.		
70) M/P-XYLENES	8.079	91	502	0.05	UG/L #	28
71) O-XYLENE	0.000		0	N.D.		
72) STYRENE	0.000		0	N.D.		
73) BROMOFORM	0.000		0	N.D.		
74) ISOPROPYLBENZENE	0.000		0	N.D.		
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.		
76) 1,1,2,2-TETRACHLOROETHANE	0.000		0	N.D.		
77) 1,4-DICHLORO-2-BUTENE(...	0.000		0	N.D.		
78) BROMOBENZENE	0.000		0	N.D.		
79) 1,2,3-TRICHLOROPROPANE	0.000		0	N.D.		
80) N-PROPYLBENZENE	0.000		0	N.D.		
81) 2-CHLOROTOLUENE	0.000		0	N.D.		
82) 1,3,5-TRIMETHYLBENZENE	0.000		0	N.D.		
83) 4-CHLOROTOLUENE	0.000		0	N.D.		
85) TERT-BUTYLBENZENE	0.000		0	N.D.		
86) 1,2,4-TRIMETHYLBENZENE	0.000		0	N.D.		
87) SEC-BUTYLBENZENE	10.120	105	763	0.06	UG/L #	55
88) 1,3-DICHLOROBENZENE	0.000		0	N.D.		
89) P-ISOPROPYLTOLUENE	10.282	119	689	0.07	UG/L #	48
90) 1,4-DICHLOROBENZENE	0.000		0	N.D.		
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	526	0.05	UG/L #	100
92) N-BUTYLBENZENE	0.000		0	N.D.		
93) 1,2-DICHLOROBENZENE	0.000		0	N.D.		
94) 1,2-DIBROMO-3-CHLOROPR...	0.000		0	N.D.		
95) 1,3,5-TRICHLOROBENZENE	11.810	180	573	0.20	UG/L #	79
96) 1,2,4-TRICHLOROBENZENE	12.477	180	836	0.40	UG/L #	83
97) HEXACHLOROBUTADIENE	12.652	225	817	0.85	UG/L #	24
98) NAPHTHALENE	12.750	128	2809	0.52	UG/L #	69
99) 1,2,3-TRICHLOROBENZENE	13.004	180	1438	0.88	UG/L	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

375

Inst : GCMSV0A2

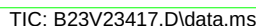
Quant Time: Aug 23 09:36:45 2023

Quant Method : C:\msdchem\1\methods\B052523W-TEST.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Fri Aug 18 14:26:27 2023

Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23420.D
 Acq On : 22 Aug 2023 6:56 pm
 Operator :
 Sample : ICV (2303580)
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 10:01:34 2023
 Quant Method : C:\msdchem\1\methods\B082223W.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Wed Aug 23 10:01:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.977	168	129724	30.00	UG/L	0.00
44) 1,4-DIFLUOROBENZENE - ...	4.733	114	236753	30.00	UG/L	0.00
65) CHLOROBENZENE-D5 ISTD	7.792	82	128287	30.00	UG/L	0.00
84) 1,4-DICHLOROBENZENE-D4...	10.305	152	138231	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	70309	26.06	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	104.24%		
45) TOLUENE-D8 SS	6.267	98	252062	25.31	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.24%		
66) 4-BROMOFLUOROBENZENE SS	9.061	95	102219	25.08	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.32%		
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.013	85	19846	9.04	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.024	51	34542	10.30	UG/L	99
5) CHLOROMETHANE	1.119	50	37772	9.48	UG/L	99
6) VINYL CHLORIDE	1.175	62	26707	9.58	UG/L	99
7) BROMOMETHANE	1.350	94	11878	9.41	UG/L	100
8) CHLOROETHANE	1.409	64	16070	10.41	UG/L	98
9) FLUORODICHLOROMETHANE	1.520	67	38114	10.81	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.551	101	31499	11.34	UG/L	94
11) ETHANOL	1.676	45	3820	93.85	UG/L #	93
12) DI ETHYL ETHER	1.727	59	19325	12.44	UG/L	97
13) ACROLEIN	1.819	56	22689	45.02	UG/L #	100
14) ACETONE	1.919	43	100254	122.87	UG/L	100
15) 1,1-DICHLOROETHENE	1.872	61	36489	11.75	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.866	101	20394	12.16	UG/L	97
17) IODOMETHANE	1.986	142	21769	8.17	UG/L	97
18) METHYL ACETATE	2.145	43	29952	12.64	UG/L	99
19) T-BUTYL ALCOHOL	2.323	59	26972	99.30	UG/L	98
20) ACRYLONITRILE	2.432	53	11829	11.39	UG/L	96
21) METHYLENE CHLORIDE	2.223	49	39523	11.03	UG/L	100
22) CARBON DISULFIDE	2.025	76	62195	12.75	UG/L	100
23) METHYL TERT-BUTYL ETHE...	2.429	73	58044	10.82	UG/L	100
24) TRANS 1,2-DICHLOROETHENE	2.432	61	37820	12.04	UG/L	99
25) 1,1-DICHLOROETHANE	2.814	63	47351	11.96	UG/L	99
26) VINYL ACETATE	2.873	43	558512	87.42	UG/L	99
27) DI ISOPROPYL ETHER	2.878	45	105377	11.92	UG/L	99
28) 2-BUTANONE	3.447	43	141545	110.83	UG/L	100
29) T-BUTYL ETHYL ETHER	3.255	59	79662	11.42	UG/L	99
30) CIS-1,2-DICHLOROETHENE	3.411	61	42165	11.82	UG/L	97
31) 2,2-DICHLOROPROPANE	3.397	77	30111	10.08	UG/L	99
32) ETHYL ACETATE	3.514	43	29915m	8.84	UG/L	
33) BROMOCHLOROMETHANE	3.656	128	11369	11.07	UG/L	94
34) TETRAHYDROFURAN	3.709	42	11393	11.55	UG/L #	57
36) CHLOROFORM	3.748	83	40051	11.66	UG/L	99
37) 1,1,1-TRICHLOROETHANE	3.913	97	36899	11.66	UG/L	100
38) CYCLOHEXANE	3.952	56	57518	11.55	UG/L	99
39) CARBON TETRACHLORIDE	4.080	117	32565	10.70	UG/L	99
40) 1,1-DICHLOROPROPENE	4.091	75	33265	11.41	UG/L	99
41) BENZENE	4.306	78	92715	11.45	UG/L	98
43) T-AMYL METHYL ETHER	4.440	73	64000	11.06	UG/L	99
46) 1,2-DICHLOROETHANE	4.348	62	33652	11.55	UG/L	99
47) TRICHLOROETHENE	4.987	95	27755	12.18	UG/L	99
48) METHYLCYCLOHEXANE	5.162	83	44761	11.71	UG/L	96
49) 1,2-DICHLOROPROPANE	5.229	63	28047	11.49	UG/L	97
50) DIBROMOMETHANE	5.352	93	14576	11.27	UG/L	98
51) 1,4-DIOXANE	5.394	88	2951m	97.52	UG/L	
52) BROMODICHLOROMETHANE	5.530	83	31563	11.01	UG/L	97
54) MIBK	6.188	43	318846	104.27	UG/L	100
55) CIS-1,3-DICHLOROPROPENE	6.004	75	39201	10.62	UG/L	96

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23420.D
 Acq On : 22 Aug 2023 6:56 pm
 Operator :
 Sample : ICV (2303580)
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 10:01:34 2023
 Quant Method : C:\msdchem\1\methods\B082223W.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Wed Aug 23 10:01:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) TOLUENE	6.336	91	108302	10.72	UG/L	98
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	35390	11.15	UG/L	96
59) 1,1,2-TRICHLOROETHANE	6.794	97	22035	11.44	UG/L	99
60) 2-HEXANONE	7.075	43	232516	101.22	UG/L	99
61) TETRACHLOROETHENE	6.900	164	23376	11.41	UG/L	97
62) 1,3-DICHLOROPROPANE	6.961	76	37546	10.70	UG/L	97
63) DIBROMOCHLOROMETHANE	7.192	129	26883	10.86	UG/L	99
64) 1,2-DIBROMOETHANE	7.298	107	24670	11.51	UG/L #	98
67) CHLOROBENZENE	7.823	112	75415	10.89	UG/L	98
68) 1,1,1,2-TETRACHLOROETHANE	7.920	131	27257	11.32	UG/L	96
69) ETHYLBENZENE	7.948	91	131147	11.15	UG/L	100
70) M/P-XYLENES	8.074	91	197579	21.35	UG/L	98
71) O-XYLENE	8.497	91	104988	11.13	UG/L	99
72) STYRENE	8.517	104	85302	11.09	UG/L	99
73) BROMOFORM	8.712	173	18592	11.03	UG/L #	97
74) ISOPROPYLBENZENE	8.896	105	135406	10.87	UG/L	100
76) 1,1,2,2-TETRACHLOROETHANE	9.248	83	31386	11.22	UG/L	98
77) 1,4-DICHLORO-2-BUTENE(...	9.312	53	11017	9.50	UG/L	94
78) BROMOBENZENE	9.211	77	46972	10.79	UG/L	99
79) 1,2,3-TRICHLOROPROPANE	9.284	110	9778	10.65	UG/L	97
80) N-PROPYLBENZENE	9.340	91	157783	10.88	UG/L	99
81) 2-CHLOROTOLUENE	9.426	91	89209	10.71	UG/L	100
82) 1,3,5-TRIMETHYLBENZENE	9.535	105	113170	11.03	UG/L	99
83) 4-CHLOROTOLUENE	9.543	91	103511	10.69	UG/L	99
85) TERT-BUTYLBENZENE	9.881	119	99130	10.94	UG/L	98
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	111057	11.01	UG/L	100
87) SEC-BUTYLBENZENE	10.118	105	145518	11.58	UG/L	99
88) 1,3-DICHLOROBENZENE	10.226	146	63273	11.12	UG/L	99
89) P-ISOPROPYLTOLUENE	10.282	119	129775	11.37	UG/L	99
90) 1,4-DICHLOROBENZENE	10.327	146	63263	10.60	UG/L	99
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	110508	10.51	UG/L	99
92) N-BUTYLBENZENE	10.726	91	101999	10.70	UG/L	98
93) 1,2-DICHLOROBENZENE	10.728	146	58162	11.02	UG/L	99
94) 1,2-DIBROMO-3-CHLOROPR...	11.582	75	5670	10.88	UG/L	98
95) 1,3,5-TRICHLOROBENZENE	11.796	180	40863	11.20	UG/L	99
96) 1,2,4-TRICHLOROBENZENE	12.471	180	33949	11.21	UG/L	99
97) HEXACHLOROBUTADIENE	12.655	225	15878	11.34	UG/L	98
98) NAPHTHALENE	12.739	128	80527	10.91	UG/L	100
99) 1,2,3-TRICHLOROBENZENE	13.004	180	26799	11.02	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

378

Inst : GCMSV0A2

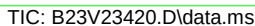
Quant Time: Aug 23 10:01:34 2023

Quant Method : C:\msdchem\1\methods\B082223W.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Wed Aug 23 10:01:15 2023

Response via : Initial Calibration



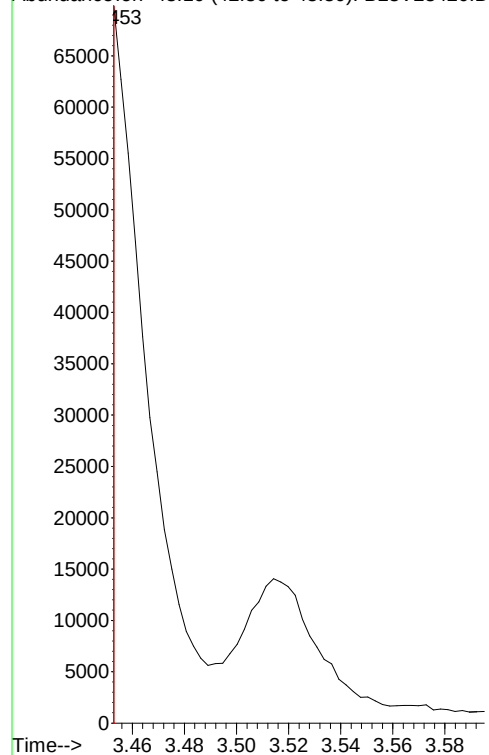
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23420.D
Acq On : 22 Aug 2023 6:56 pm
Operator :
Sample : ICV (2303580)
Misc :

Quant Time : Wed Aug 23 10:03:02 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23420.D



Original Int. Results

RT : 0.00
Area : 0
Amount : 0

Manual Int. Results

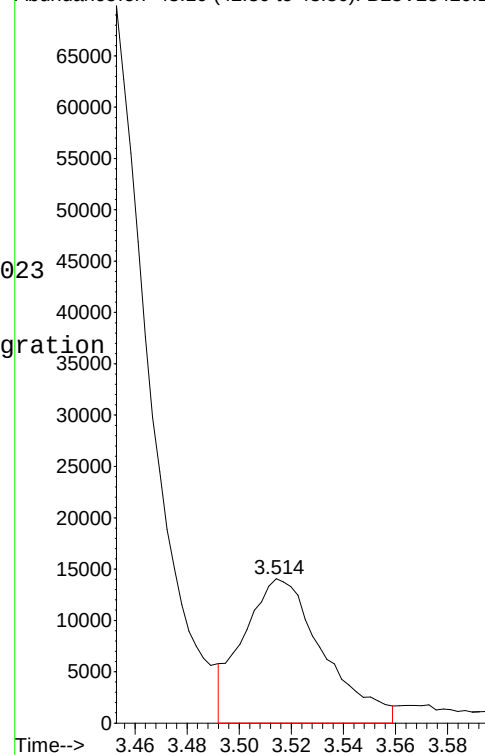
Wed Aug 23 10:02:15 2023

MIuser: LBD
Reason: Incorrect Integration
RT : 3.51
Area : 29915
Amount : 8.83971

Manual Integration

ETHYL ACETATE

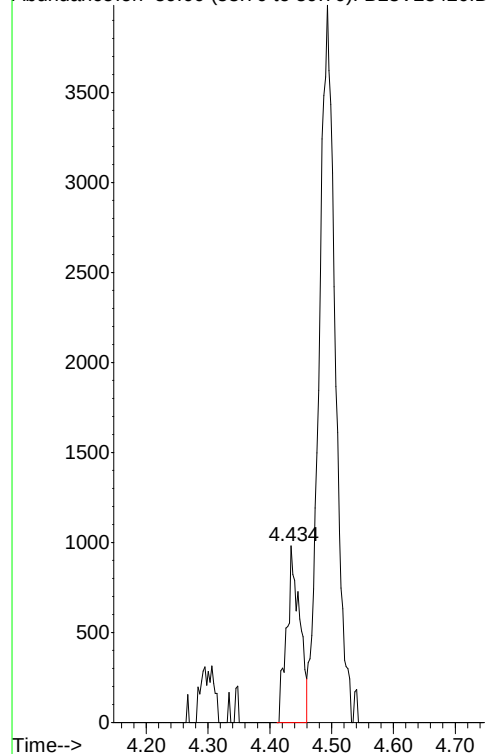
Abundance Ion 43.10 (42.80 to 43.80): B23V23420.D



Original Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B23V23420.D



Original Int. Results

RT : 4.43
Area : 1424
Amount : 0

Manual Int. Results

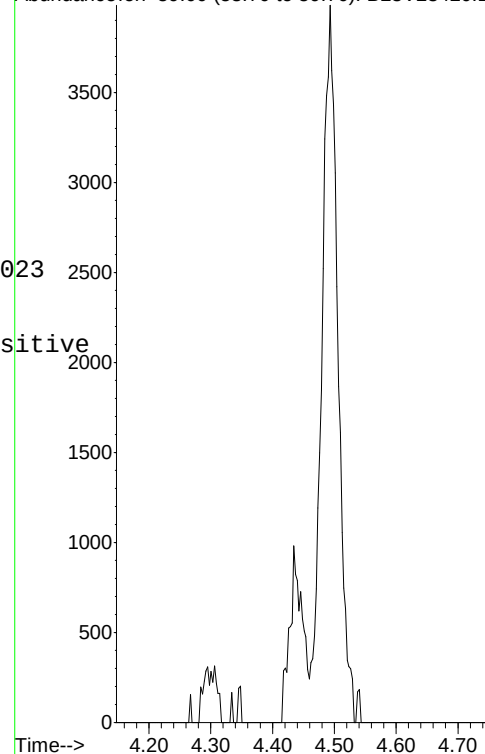
Wed Aug 23 10:02:23 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount : 0

Manual Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B23V23420.D



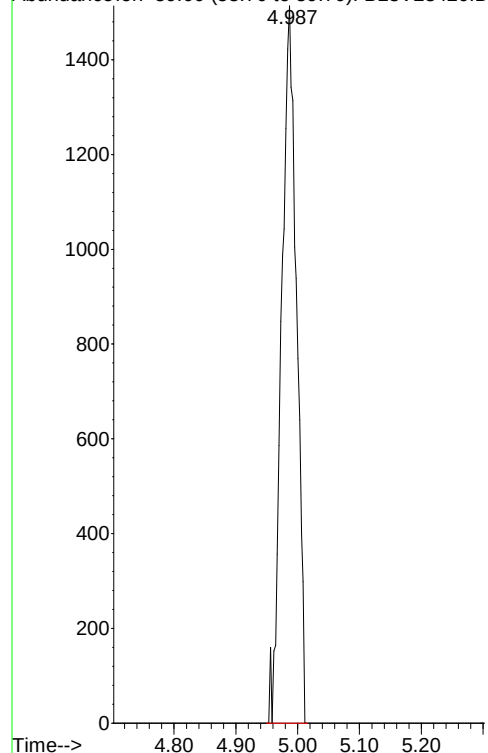
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23420.D
Acq On : 22 Aug 2023 6:56 pm
Operator :
Sample : ICV (2303580)
Misc :

Quant Time : Wed Aug 23 10:03:02 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B23V23420.D



Original Int. Results

RT : 4.99
Area : 2542
Amount: 0

Manual Int. Results

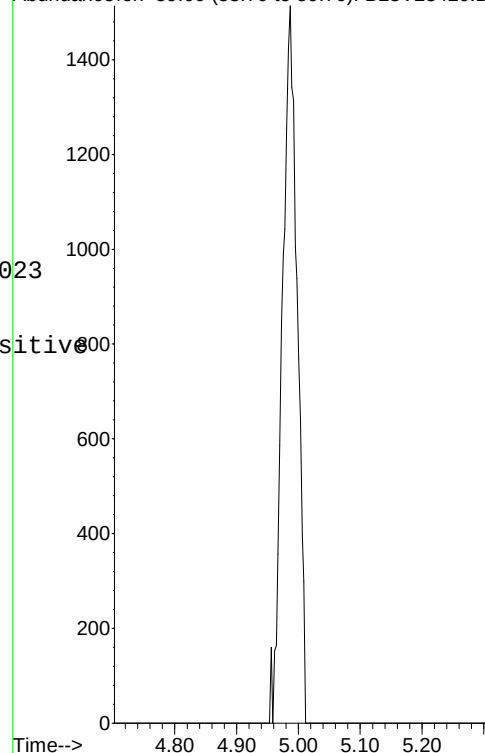
Wed Aug 23 10:02:29 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-AMYL ALCOHOL

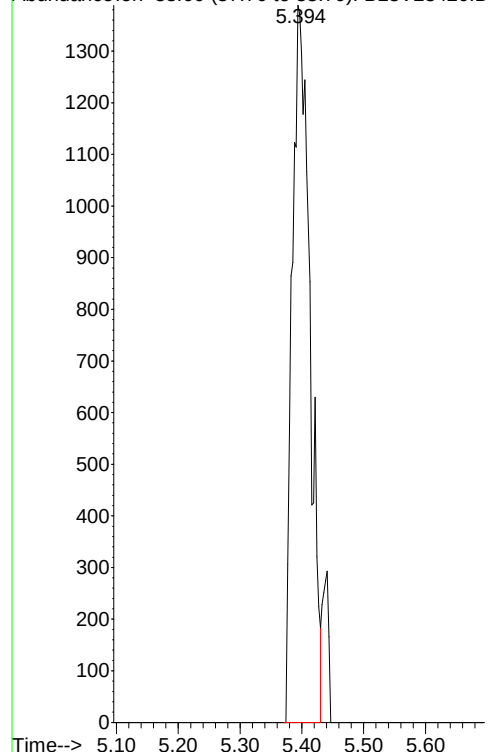
Abundance Ion 59.00 (58.70 to 59.70): B23V23420.D



Original Integration

1,4-DIOXANE

Abundance Ion 88.00 (87.70 to 88.70): B23V23420.D



Original Int. Results

RT : 5.39
Area : 2748
Amount: 90.8158

Manual Int. Results

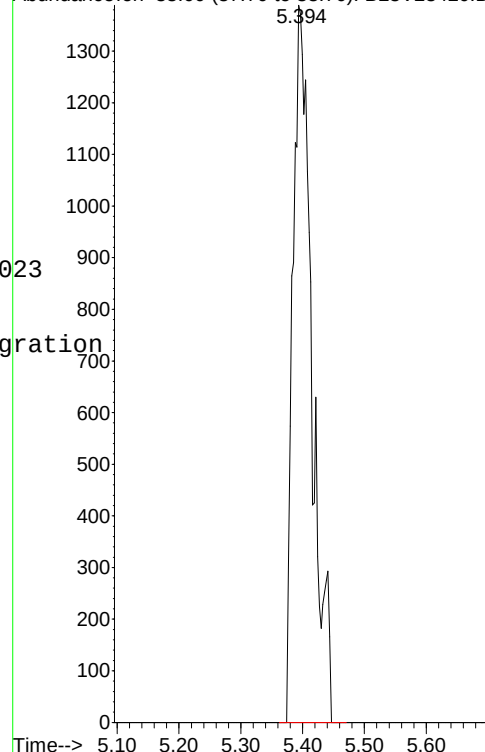
Wed Aug 23 10:02:37 2023

MIuser: LBD
Reason: Incoret Integration
RT : 5.39
Area : 2951
Amount: 97.5245

Manual Integration

1,4-DIOXANE

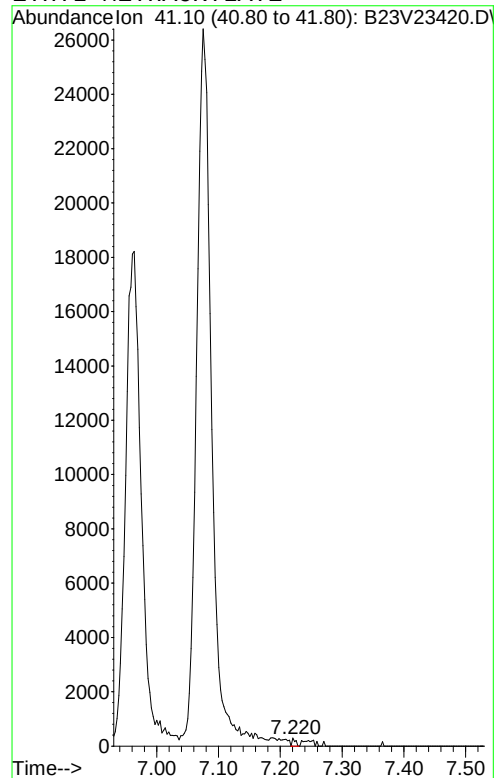
Abundance Ion 88.00 (87.70 to 88.70): B23V23420.D



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23420.D
Acq On : 22 Aug 2023 6:56 pm
Operator :
Sample : ICV (2303580)
Misc :

Quant Time : Wed Aug 23 10:03:02 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ETHYL METHACRYLATE



Original Int. Results

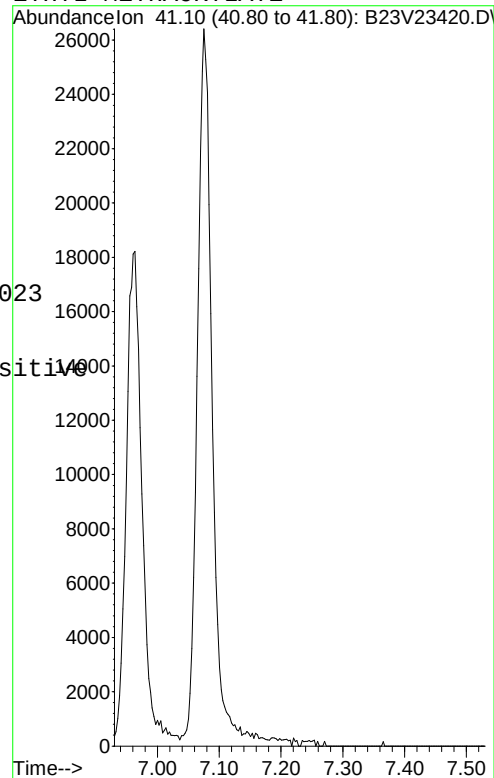
RT : 7.22
Area : 111
Amount: 0

Manual Int. Results

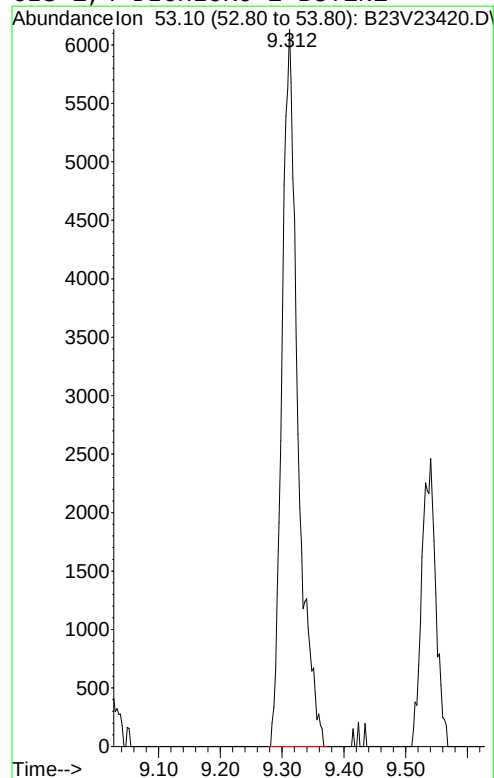
Wed Aug 23 10:02:49 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHYL METHACRYLATE



Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

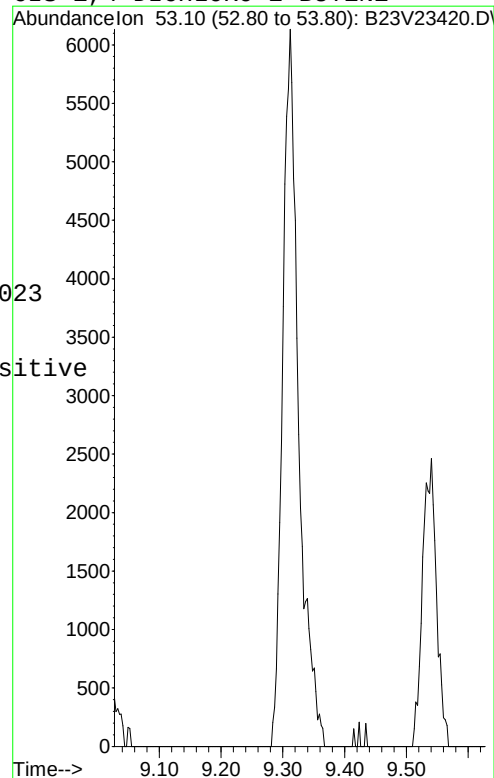
RT : 9.31
Area : 11017
Amount: 0

Manual Int. Results

Wed Aug 23 10:03:01 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23421.D
 Acq On : 22 Aug 2023 7:22 pm
 Operator :
 Sample : ICVD (2303580)
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 10:03:36 2023
 Quant Method : C:\msdchem\1\methods\B082223W.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Wed Aug 23 10:01:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.977	168	126752	30.00	UG/L	0.00
44) 1,4-DIFLUOROBENZENE - ...	4.733	114	229819	30.00	UG/L	0.00
65) CHLOROBENZENE-D5 ISTD	7.792	82	125913	30.00	UG/L	0.00
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	135179	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.267	65	67852	25.73	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.92%		
45) TOLUENE-D8 SS	6.269	98	242991	25.14	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.56%		
66) 4-BROMOFLUOROBENZENE SS	9.061	95	99112	24.78	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.12%		
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.015	85	20349	9.49	UG/L	98
4) DIFLUOROCHLOROMETHANE	1.024	51	35944	10.96	UG/L	99
5) CHLOROMETHANE	1.119	50	37991	9.76	UG/L	99
6) VINYL CHLORIDE	1.174	62	27870	10.24	UG/L	99
7) BROMOMETHANE	1.353	94	12562	10.19	UG/L	99
8) CHLOROETHANE	1.409	64	16158	10.71	UG/L	99
9) FLUORODICHLOROMETHANE	1.523	67	38407	11.15	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.551	101	31571	11.63	UG/L	100
11) ETHANOL	1.676	45	3874	97.41	UG/L #	94
12) DI ETHYL ETHER	1.727	59	19237	12.67	UG/L	96
13) ACROLEIN	1.816	56	24261	49.27	UG/L #	90
14) ACETONE	1.922	43	110593	138.72	UG/L	99
15) 1,1-DICHLOROETHENE	1.874	61	36470	12.02	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.869	101	20149	12.30	UG/L	100
17) IODOMETHANE	1.983	142	24194	9.30	UG/L	99
18) METHYL ACETATE	2.145	43	29089	12.56	UG/L	99
19) T-BUTYL ALCOHOL	2.323	59	28469	107.27	UG/L	96
20) ACRYLONITRILE	2.435	53	12400	12.22	UG/L	96
21) METHYLENE CHLORIDE	2.223	49	40046	11.43	UG/L	99
22) CARBON DISULFIDE	2.025	76	64471	13.53	UG/L	100
23) METHYL TERT-BUTYL ETHE...	2.432	73	59093	11.28	UG/L	98
24) TRANS 1,2-DICHLOROETHENE	2.432	61	38197	12.44	UG/L	98
25) 1,1-DICHLOROETHANE	2.814	63	47765	12.35	UG/L	100
26) VINYL ACETATE	2.873	43	484148	77.56	UG/L	99
27) DI ISOPROPYL ETHER	2.876	45	107941	12.50	UG/L	99
28) 2-BUTANONE	3.447	43	147093	117.88	UG/L	99
29) T-BUTYL ETHYL ETHER	3.255	59	81556	11.97	UG/L	99
30) CIS-1,2-DICHLOROETHENE	3.411	61	42954	12.32	UG/L	98
31) 2,2-DICHLOROPROPANE	3.400	77	30898	10.58	UG/L	98
32) ETHYL ACETATE	3.514	43	31803m	9.62	UG/L	
33) BROMOCHLOROMETHANE	3.662	128	11479	11.44	UG/L	93
34) TETRAHYDROFURAN	3.709	42	11135	11.55	UG/L #	57
36) CHLOROFORM	3.751	83	38997	11.62	UG/L	97
37) 1,1,1-TRICHLOROETHANE	3.913	97	38118	12.32	UG/L	98
38) CYCLOHEXANE	3.957	56	58045	11.93	UG/L	97
39) CARBON TETRACHLORIDE	4.083	117	32969	11.09	UG/L	97
40) 1,1-DICHLOROPROPENE	4.089	75	34402	12.07	UG/L	100
41) BENZENE	4.306	78	95742	12.10	UG/L	97
43) T-AMYL METHYL ETHER	4.443	73	65549	11.59	UG/L	98
46) 1,2-DICHLOROETHANE	4.345	62	32773	11.59	UG/L	97
47) TRICHLOROETHENE	4.984	95	28986	13.10	UG/L	99
48) METHYLCYCLOHEXANE	5.162	83	46365	12.49	UG/L	99
49) 1,2-DICHLOROPROPANE	5.229	63	28008	11.82	UG/L	96
50) DIBROMOMETHANE	5.352	93	14601	11.63	UG/L	98
51) 1,4-DIOXANE	5.399	88	2887	98.29	UG/L #	82
52) BROMODICHLOROMETHANE	5.530	83	31896	11.46	UG/L	100
54) MIBK	6.188	43	327954	110.49	UG/L	100
55) CIS-1,3-DICHLOROPROPENE	6.004	75	39841	11.12	UG/L	97

Data Path : C:\msdchem\1\data\B082223\
 Data File : B23V23421.D
 Acq On : 22 Aug 2023 7:22 pm
 Operator :
 Sample : ICVD (2303580)
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Aug 23 10:03:36 2023
 Quant Method : C:\msdchem\1\methods\B082223W.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Wed Aug 23 10:01:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) TOLUENE	6.336	91	112899	11.51	UG/L	99
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	36718	11.92	UG/L	100
59) 1,1,2-TRICHLOROETHANE	6.794	97	22296	11.93	UG/L	98
60) 2-HEXANONE	7.075	43	245044	109.89	UG/L	100
61) TETRACHLOROETHENE	6.902	164	24096	12.11	UG/L	99
62) 1,3-DICHLOROPROPANE	6.964	76	38345	11.26	UG/L	99
63) DIBROMOCHLOROMETHANE	7.195	129	27260	11.34	UG/L	99
64) 1,2-DIBROMOETHANE	7.301	107	24456	11.76	UG/L	99
67) CHLOROBENZENE	7.823	112	77177	11.36	UG/L	99
68) 1,1,1,2-TETRACHLOROETHANE	7.920	131	27811	11.77	UG/L	97
69) ETHYLBENZENE	7.948	91	133936	11.60	UG/L	100
70) M/P-XYLENES	8.076	91	202705	22.31	UG/L	98
71) O-XYLENE	8.497	91	106187	11.46	UG/L	100
72) STYRENE	8.517	104	85923	11.38	UG/L	99
73) BROMOFORM	8.712	173	19163	11.58	UG/L #	98
74) ISOPROPYLBENZENE	8.896	105	136967	11.20	UG/L	99
76) 1,1,2,2-TETRACHLOROETHANE	9.248	83	31289	11.39	UG/L	98
77) 1,4-DICHLORO-2-BUTENE(...	9.312	53	11141	9.79	UG/L	98
78) BROMOBENZENE	9.211	77	47680	11.16	UG/L	98
79) 1,2,3-TRICHLOROPROPANE	9.284	110	10181	11.30	UG/L	93
80) N-PROPYLBENZENE	9.342	91	162086	11.38	UG/L	99
81) 2-CHLOROTOLUENE	9.423	91	89802	10.99	UG/L	99
82) 1,3,5-TRIMETHYLBENZENE	9.538	105	115274	11.45	UG/L	99
83) 4-CHLOROTOLUENE	9.543	91	107655	11.32	UG/L	100
85) TERT-BUTYLBENZENE	9.881	119	102019	11.52	UG/L	100
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	110574	11.21	UG/L	100
87) SEC-BUTYLBENZENE	10.118	105	147217	11.97	UG/L	99
88) 1,3-DICHLOROBENZENE	10.229	146	64067	11.52	UG/L	99
89) P-ISOPROPYLTOLUENE	10.282	119	131778	11.81	UG/L	99
90) 1,4-DICHLOROBENZENE	10.330	146	64380	11.03	UG/L	99
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	112155	10.91	UG/L	100
92) N-BUTYLBENZENE	10.728	91	105023	11.26	UG/L	99
93) 1,2-DICHLOROBENZENE	10.731	146	58937	11.42	UG/L	99
94) 1,2-DIBROMO-3-CHLOROPR...	11.584	75	5831	11.44	UG/L	98
95) 1,3,5-TRICHLOROBENZENE	11.796	180	41938	11.76	UG/L	99
96) 1,2,4-TRICHLOROBENZENE	12.474	180	34742	11.73	UG/L	96
97) HEXACHLOROBUTADIENE	12.655	225	16377	11.96	UG/L	99
98) NAPHTHALENE	12.742	128	87052	12.06	UG/L	99
99) 1,2,3-TRICHLOROBENZENE	13.001	180	28480	11.98	UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

384

Inst : GCMSV0A2

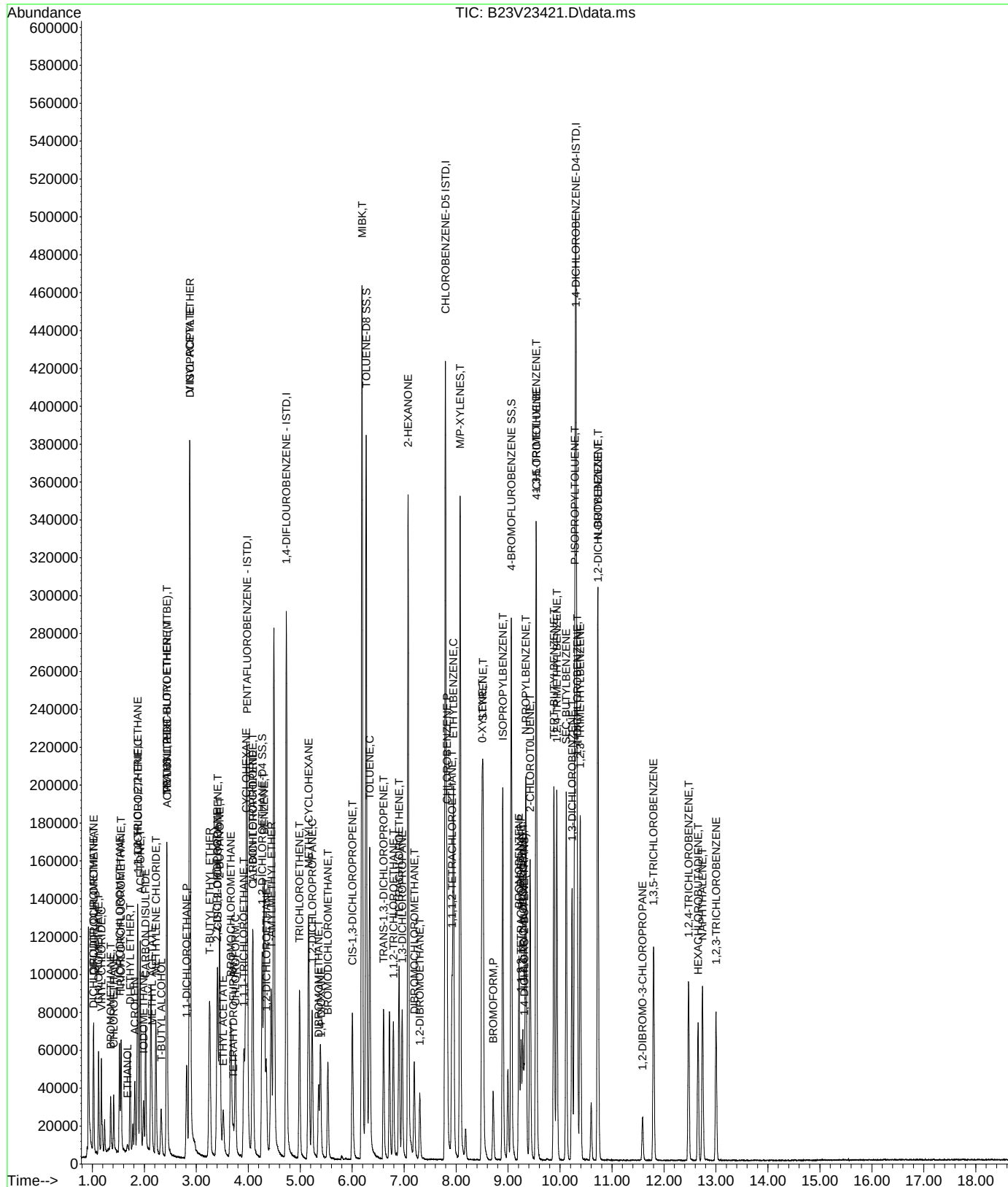
Quant Time: Aug 23 10:03:36 2023

Quant Method : C:\msdchem\1\methods\B082223W.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Wed Aug 23 10:01:15 2023

Response via : Initial Calibration



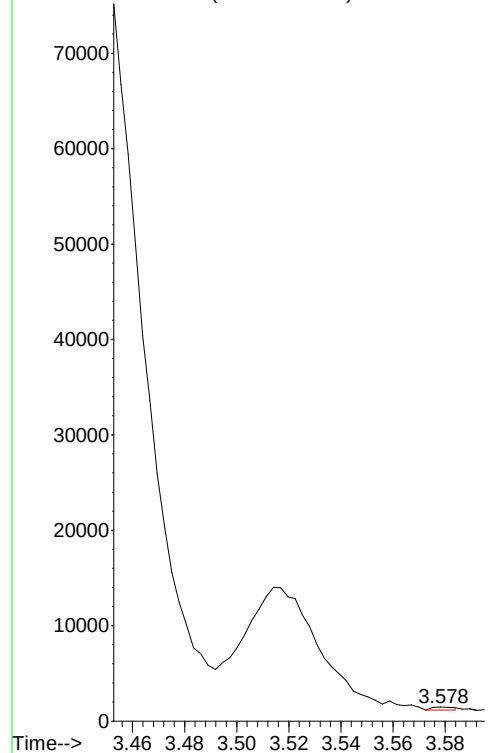
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23421.D
Acq On : 22 Aug 2023 7:22 pm
Operator :
Sample : ICVD (2303580)
Misc :

Quant Time : Wed Aug 23 10:04:55 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B23V23421.D



Original Int. Results

RT : 3.58
Area : 191
Amount: 0.0577627

Manual Int. Results

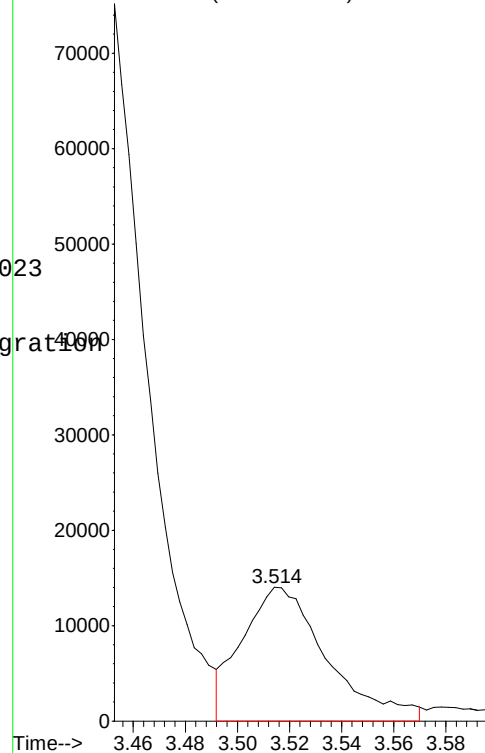
Wed Aug 23 10:04:18 2023

MIuser: LBD
Reason: Incorrect Integration
RT : 3.51
Area : 31803
Amount: 9.61795

Manual Integration

ETHYL ACETATE

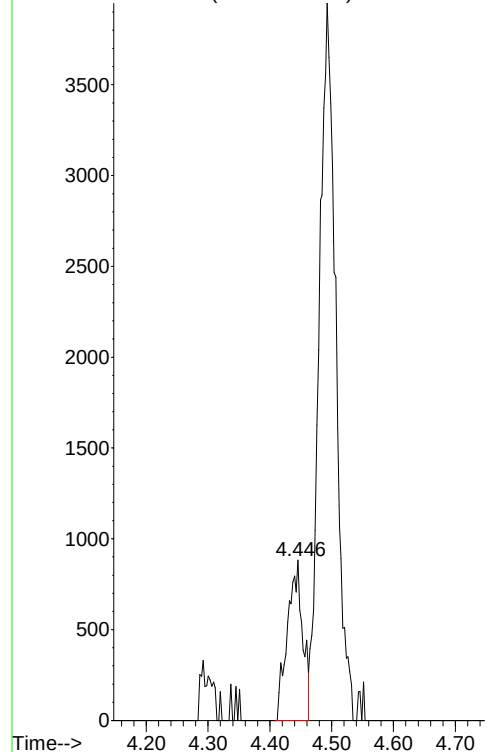
Abundance Ion 43.10 (42.80 to 43.80): B23V23421.D



Original Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B23V23421.D



Original Int. Results

RT : 4.45
Area : 1500
Amount: 0

Manual Int. Results

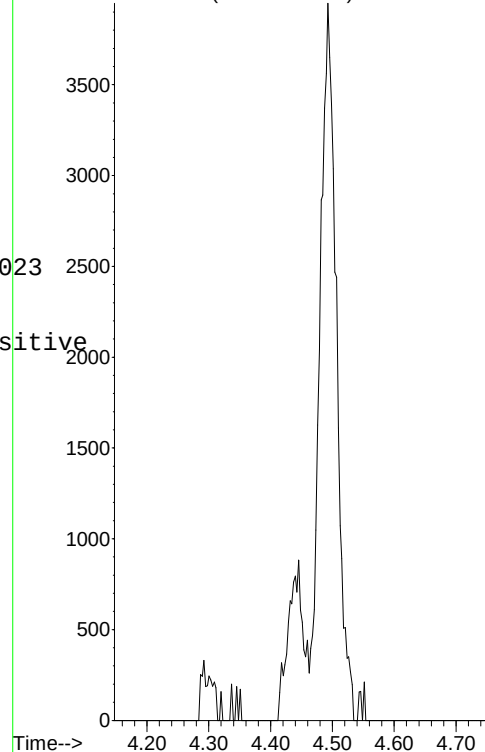
Wed Aug 23 10:04:23 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B23V23421.D



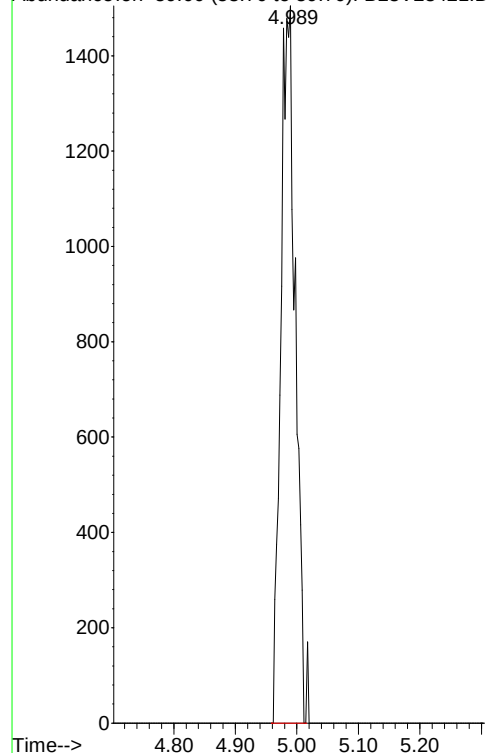
Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23421.D
Acq On : 22 Aug 2023 7:22 pm
Operator :
Sample : ICVD (2303580)
Misc :

Quant Time : Wed Aug 23 10:04:55 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B23V23421.D



Original Int. Results

RT : 4.99
Area : 2452
Amount: 0

Manual Int. Results

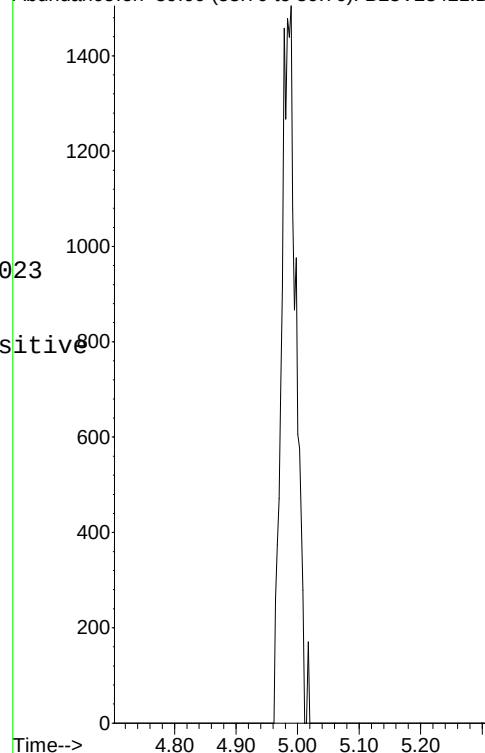
Wed Aug 23 10:04:29 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-AMYL ALCOHOL

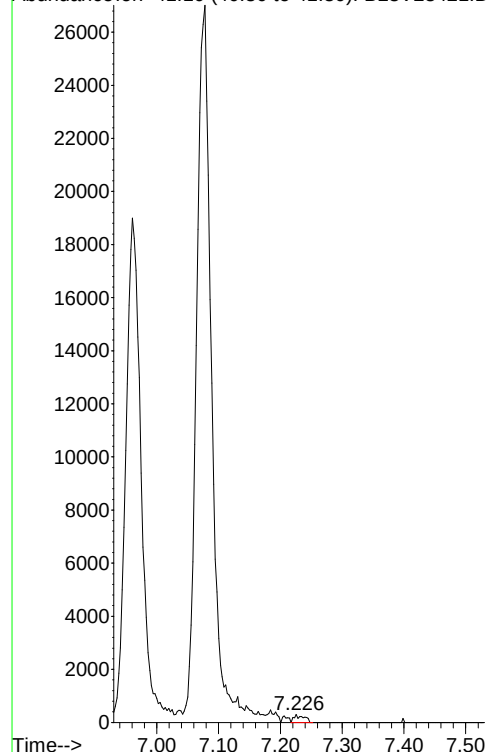
Abundance Ion 59.00 (58.70 to 59.70): B23V23421.D



Original Integration

ETHYL METHACRYLATE

Abundance Ion 41.10 (40.80 to 41.80): B23V23421.D



Original Int. Results

RT : 7.23
Area : 332
Amount: 0

Manual Int. Results

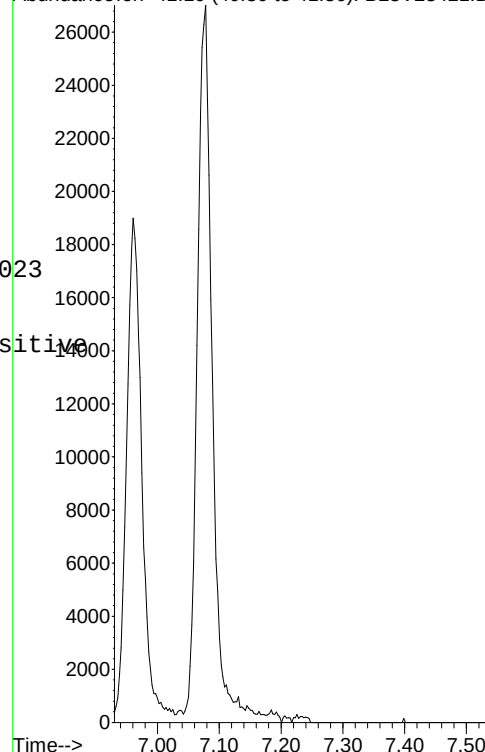
Wed Aug 23 10:04:41 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL METHACRYLATE

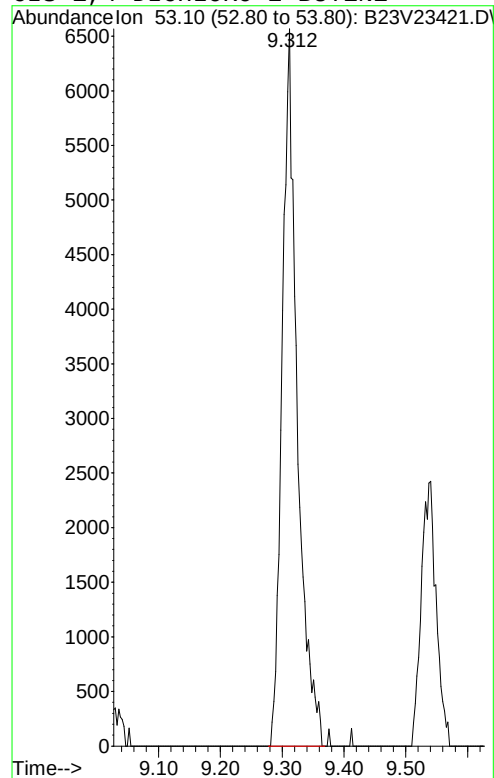
Abundance Ion 41.10 (40.80 to 41.80): B23V23421.D



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23421.D
Acq On : 22 Aug 2023 7:22 pm
Operator :
Sample : ICVD (2303580)
Misc :

Quant Time : Wed Aug 23 10:04:55 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

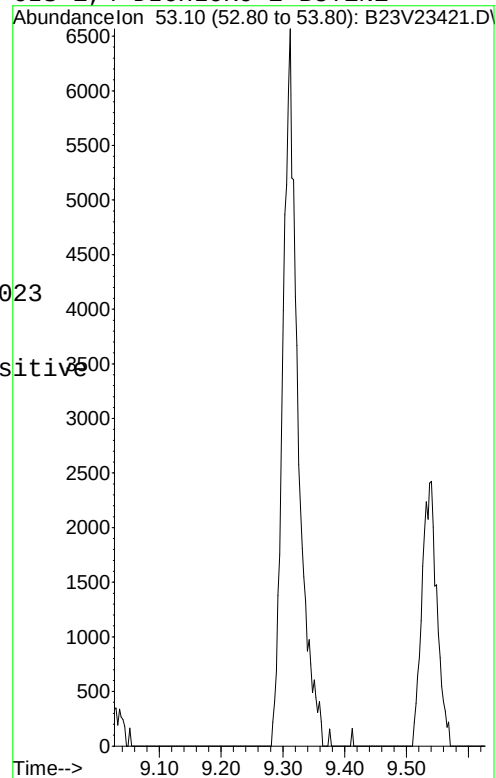
RT : 9.31
Area : 11141
Amount: 0

Manual Int. Results

Wed Aug 23 10:04:53 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA3	Calibration:	2200537
Lab File ID:	C22V21926.D	Calibration Date:	08/08/22 10:18
Sequence:	S075427	Injection Date:	08/08/22
Lab Sample ID:	S075427-ICV1	Injection Time:	17:12

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)
Acetone	A	100.0	101	0.1820924	0.183904		1.0	30
Acrolein	A	100.0	154	9.146822E-02	0.1407032		53.8	30 *
Acrylonitrile	A	10.00	11.4	0.22594	0.2574536		13.9	30
tert-Amyl Methyl Ether (TAME)	A	10.00	10.9	1.312452	1.425954		8.6	30
Benzene	A	10.00	11.2	1.667645	1.865266		11.9	30
Bromobenzene	A	10.00	11.3	1.045039	1.184576		13.4	30
Bromochloromethane	A	10.00	11.8	0.3793018	0.4471529		17.9	30
Bromodichloromethane	A	10.00	11.2	0.3940258	0.4401817		11.7	30
Bromoform	A	10.00	10.1	0.5234936	0.5292662		1.1	30
Bromomethane	A	10.00	8.16	0.3079598	0.2513358		-18.4	30
2-Butanone (MEK)	A	100.0	108	0.2634095	0.2833839		7.6	30
tert-Butyl Alcohol (TBA)	A	100.0	97.6	7.183306E-02	7.014449E-02		-2.4	30
n-Butylbenzene	A	10.00	11.2	1.549707	1.732911		11.8	30
sec-Butylbenzene	A	10.00	12.0	2.143392	2.566981		19.8	30
tert-Butylbenzene	A	10.00	11.4	1.606643	1.825231		13.6	30
tert-Butyl Ethyl Ether (TBEE)	A	10.00	11.2	1.383365	1.542493		11.5	30
Carbon Disulfide	A	10.00	12.0	1.262495	1.511129		19.7	30
Carbon Tetrachloride	A	10.00	10.6	0.528229	0.562664		6.5	30
Chlorobenzene	A	10.00	11.2	1.57638	1.768171		12.2	30
Chlorodibromomethane	A	10.00	10.2	0.3363907	0.342212		1.7	30
Chloroethane	A	10.00	9.09	0.3601205	0.3275001		-9.1	30
Chloroform	A	10.00	10.8	0.7591359	0.8201018		8.0	30
Chloromethane	A	10.00	8.06	0.7095398	0.5717854		-19.4	30
2-Chlorotoluene	A	10.00	11.4	1.746367	1.994993		14.2	30
4-Chlorotoluene	A	10.00	11.1	1.985163	2.198091		10.7	30
Cyclohexane	A	10.00	10.7	0.7080121	0.7574062		7.0	30
1,2-Dibromo-3-chloropropane (DBCP)	A	10.00	10.7	0.1649304	0.1765339		7.0	30
1,2-Dibromoethane (EDB)	A	10.00	11.4	0.299296	0.3417218		14.2	30
Dibromomethane	A	10.00	10.7	0.1997103	0.2142994		7.3	30

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA3	Calibration:	2200537
Lab File ID:	C22V21926.D	Calibration Date:	08/08/22 10:18
Sequence:	S075427	Injection Date:	08/08/22
Lab Sample ID:	S075427-ICV1	Injection Time:	17:12

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)
1,2-Dichlorobenzene	A	10.00	11.2	1.213634	1.365738		12.5	30
1,3-Dichlorobenzene	A	10.00	11.5	1.193097	1.375471		15.3	30
1,4-Dichlorobenzene	A	10.00	10.8	1.270795	1.375361		8.2	30
trans-1,4-Dichloro-2-butene	A	10.00	8.71	0.239735	0.2087198		-12.9	30
Dichlorodifluoromethane (Freon 12)	A	10.00	8.90	0.4341094	0.3863701		-11.0	30
1,1-Dichloroethane	A	10.00	10.9	0.787926	0.8592115		9.0	30
1,2-Dichloroethane	A	10.00	10.9	0.4276246	0.4643172		8.6	30
1,1-Dichloroethylene	A	10.00	10.1	0.6503172	0.657403		1.1	30
cis-1,2-Dichloroethylene	A	10.00	10.9	0.6864345	0.7488539		9.1	30
trans-1,2-Dichloroethylene	A	10.00	10.6	0.6178868	0.6520598		5.5	30
Dichlorofluoromethane (Freon 21)	A	10.00	10.6	0.8403159	0.8890417		5.8	30
1,2-Dichloropropane	A	10.00	11.2	0.306328	0.3432776		12.1	30
1,3-Dichloropropane	A	10.00	11.0	0.4974963	0.5494466		10.4	30
2,2-Dichloropropane	A	10.00	10.4	0.6088295	0.6327737		3.9	30
1,1-Dichloropropene	A	10.00	10.7	0.5473735	0.5846217		6.8	30
cis-1,3-Dichloropropene	A	10.00	11.1	0.4734604	0.5268136		11.3	30
trans-1,3-Dichloropropene	A	10.00	11.9	0.4080538	0.4873977		19.4	30
Diethyl Ether	A	10.00	12.0	0.3713617	0.4453508		19.9	30
Difluorochloromethane (Freon 22)	A	10.00	8.17	0.5720824	0.4675772		-18.3	30
Diisopropyl Ether (DIPE)	A	10.00	11.5	1.558552	1.793038		15.0	30
1,4-Dioxane	A	100.0	90.1	4.731593E-03	4.264464E-03		-9.9	30
Ethanol	A	100.0	95.5	1.036708E-02	9.902305E-03		-4.5	30
Ethyl Acetate	A	10.00	9.05	0.6506099	0.5887477		-9.5	30
Ethylbenzene	A	10.00	11.7	2.549064	2.984133		17.1	30
Hexachlorobutadiene	A	10.00	11.4	0.2852952	0.3250553		13.9	30
2-Hexanone (MBK)	A	100.0	104	0.2843475	0.2957494		4.0	30
Iodomethane	A	10.00	9.09	0.5420061	0.4925385		-9.1	30
Isopropylbenzene (Cumene)	A	10.00	11.3	2.395221	2.706585		13.0	30

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA3	Calibration:	2200537
Lab File ID:	C22V21926.D	Calibration Date:	08/08/22 10:18
Sequence:	S075427	Injection Date:	08/08/22
Lab Sample ID:	S075427-ICV1	Injection Time:	17:12

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR		% DIFF / DRIFT	
		STD	ICV	ICAL	ICV	MIN (#)	LIMIT (#)
p-Isopropyltoluene (p-Cymene)	A	10.00	11.8	1.842122	2.181726	18.4	30
Methyl Acetate	A	10.00	11.1	0.7088624	0.7855607	10.8	30
Methyl tert-Butyl Ether (MTBE)	A	10.00	11.0	1.412808	1.55027	9.7	30
Methyl Cyclohexane	A	10.00	11.9	0.3308172	0.3942231	19.2	30
Methylene Chloride	A	10.00	10.4	0.6427786	0.6675994	3.9	30
4-Methyl-2-pentanone (MIBK)	A	100.0	101	0.4112112	0.4152002	1.0	30
Naphthalene	A	10.00	9.41	2.035952	1.915201	-5.9	30
n-Propylbenzene	A	10.00	11.5	2.678168	3.074493	14.8	30
Styrene	A	10.00	11.4	1.683114	1.915095	13.8	30
1,1,1,2-Tetrachloroethane	A	10.00	11.0	0.5844025	0.6406587	9.6	30
1,1,2,2-Tetrachloroethane	A	10.00	11.0	0.9177436	1.008935	9.9	30
Tetrachloroethylene	A	10.00	11.4	0.2808079	0.3210495	14.3	30
Tetrahydrofuran	A	10.00	9.34	0.1875945	0.1752822	-6.6	30
Toluene	A	10.00	11.1	1.195157	1.329379	11.2	30
1,2,3-Trichlorobenzene	A	10.00	10.4	0.6638408	0.6891524	3.8	30
1,2,4-Trichlorobenzene	A	10.00	10.5	0.6791191	0.7146163	5.2	30
1,3,5-Trichlorobenzene	A	10.00	11.5	0.7413149	0.8544813	15.3	30
1,1,1-Trichloroethane	A	10.00	10.8	0.6322124	0.6835815	8.1	30
1,1,2-Trichloroethane	A	10.00	11.1	0.2797054	0.3108519	11.1	30
Trichloroethylene	A	10.00	11.0	0.2768359	0.3048846	10.1	30
Trichlorofluoromethane (Freon 11)	A	10.00	10.5	0.6391431	0.6730058	5.3	30
1,2,3-Trichloropropane	A	10.00	9.91	0.7526804	0.7459519	-0.9	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.00	11.1	0.377547	0.4201524	11.3	30
1,2,4-Trimethylbenzene	A	10.00	11.3	1.974771	2.240036	13.4	30
1,3,5-Trimethylbenzene	A	10.00	11.4	1.963624	2.241654	14.2	30
Vinyl Acetate	A	100.0	99.1	1.31257	1.300476	-0.9	30
Vinyl Chloride	A	10.00	8.94	0.5221577	0.4665655	-10.6	30
m+p Xylene	A	20.00	22.7	1.99021	2.263186	13.7	30

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA3	Calibration:	2200537
Lab File ID:	C22V21926.D	Calibration Date:	08/08/22 10:18
Sequence:	S075427	Injection Date:	08/08/22
Lab Sample ID:	S075427-ICV1	Injection Time:	17:12

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR		% DIFF / DRIFT	
		STD	ICV	ICAL	ICV	MIN (#)	LIMIT (#)
o-Xylene	A	10.00	11.4	2.094658	2.385562	13.9	30
1,2-Dichloroethane-d4	A	25.00	25.0	0.5629535	0.5620854	-0.2	
Toluene-d8	A	25.00	24.9	1.188132	1.183765	-0.4	
4-Bromofluorobenzene	A	25.00	24.9	0.8894447	0.8873023	-0.2	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA2	Calibration:	2301046
Lab File ID:	B23V23420.D	Calibration Date:	08/22/23 11:59
Sequence:	S092419	Injection Date:	08/22/23
Lab Sample ID:	S092419-ICV1	Injection Time:	18:56

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)
Acetone	A	100.0	123	0.1886873	0.2318476		22.9	30
Acrolein	A	100.0	45.0	0.1165386	5.247063E-02		-55.0	30 *
Acrylonitrile	A	10.00	11.4	0.2402305	0.2735577		13.9	30
tert-Amyl Methyl Ether (TAME)	A	10.00	11.1	1.338121	1.480065		10.6	30
Benzene	A	10.00	11.4	1.87242	2.144129		14.5	30
Bromobenzene	A	10.00	10.8	1.017558	1.098443		7.9	30
Bromochloromethane	A	10.00	11.1	0.2374894	0.2629197		10.7	30
Bromodichloromethane	A	10.00	11.0	0.3633148	0.3999485		10.1	30
Bromoform	A	10.00	11.0	0.3942354	0.4347752		10.3	30
Bromomethane	A	10.00	9.41	0.2918845	0.2746909		-5.9	30
2-Butanone (MEK)	A	100.0	111	0.2953406	0.3273373		10.8	30
tert-Butyl Alcohol (TBA)	A	100.0	99.3	6.281274E-02	0.0623755		-0.7	30
n-Butylbenzene	A	10.00	10.7	2.069179	2.213664		7.0	30
sec-Butylbenzene	A	10.00	11.6	2.728342	3.158148		15.8	30
tert-Butylbenzene	A	10.00	10.9	1.965804	2.151399		9.4	30
tert-Butyl Ethyl Ether (TBEE)	A	10.00	11.4	1.612841	1.842265		14.2	30
Carbon Disulfide	A	10.00	12.8	1.128181	1.438323		27.5	30
Carbon Tetrachloride	A	10.00	10.7	0.7037482	0.7530989		7.0	30
Chlorobenzene	A	10.00	10.9	1.618839	1.763585		8.9	30
Chlorodibromomethane	A	10.00	10.9	0.3138034	0.3406462		8.6	30
Chloroethane	A	10.00	10.4	0.3570477	0.3716352		4.1	30
Chloroform	A	10.00	11.7	0.7941618	0.9262203		16.6	30
Chloromethane	A	10.00	9.48	0.921604	0.8735161		-5.2	30
2-Chlorotoluene	A	10.00	10.7	1.946982	2.086158		7.1	30
4-Chlorotoluene	A	10.00	10.7	2.265428	2.420612		6.9	30
Cyclohexane	A	10.00	11.6	1.151711	1.330162		15.5	30
1,2-Dibromo-3-chloropropane (DBCP)	A	10.00	10.9	0.1131143	0.1230549		8.8	30
1,2-Dibromoethane (EDB)	A	10.00	11.5	0.2715205	0.3126043		15.1	30
Dibromomethane	A	10.00	11.3	0.1638529	0.1846988		12.7	30

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA2	Calibration:	2301046
Lab File ID:	B23V23420.D	Calibration Date:	08/22/23 11:59
Sequence:	S092419	Injection Date:	08/22/23
Lab Sample ID:	S092419-ICV1	Injection Time:	18:56

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)
1,2-Dichlorobenzene	A	10.00	11.0	1.145222	1.262278		10.2	30
1,3-Dichlorobenzene	A	10.00	11.1	1.234696	1.373201		11.2	30
1,4-Dichlorobenzene	A	10.00	10.6	1.295066	1.372984		6.0	30
trans-1,4-Dichloro-2-butene	A	10.00	9.50	0.2712216	0.2576333		-5.0	30
Dichlorodifluoromethane (Freon 12)	A	10.00	9.04	0.5076679	0.458959		-9.6	30
1,1-Dichloroethane	A	10.00	12.0	0.9157079	1.09504		19.6	30
1,2-Dichloroethane	A	10.00	11.6	0.3692397	0.4264191		15.5	30
1,1-Dichloroethylene	A	10.00	11.8	0.7183183	0.8438454		17.5	30
cis-1,2-Dichloroethylene	A	10.00	11.8	0.8250032	0.9751087		18.2	30
trans-1,2-Dichloroethylene	A	10.00	12.0	0.7266709	0.8746261		20.4	30
Dichlorofluoromethane (Freon 21)	A	10.00	10.8	0.8150758	0.8814252		8.1	30
1,2-Dichloropropane	A	10.00	11.5	0.3092735	0.3553957		14.9	30
1,3-Dichloropropane	A	10.00	10.7	0.4445131	0.4757617		7.0	30
2,2-Dichloropropane	A	10.00	10.1	0.6911486	0.6963476		0.8	30
1,1-Dichloropropene	A	10.00	11.4	0.6743689	0.7692871		14.1	30
cis-1,3-Dichloropropene	A	10.00	10.6	0.4675584	0.4967329		6.2	30
trans-1,3-Dichloropropene	A	10.00	11.2	0.4021062	0.448442		11.5	30
Diethyl Ether	A	10.00	12.4	0.3592915	0.4469104		24.4	30
Difluorochloromethane (Freon 22)	A	10.00	10.3	0.7758997	0.798819		3.0	30
Diisopropyl Ether (DIPE)	A	10.00	11.9	2.043934	2.436951		19.2	30
1,4-Dioxane	A	100.0	97.5	3.834256E-03	3.73934E-03		-2.5	30
Ethanol	A	100.0	93.8	9.413334E-03	8.83414E-03		-6.2	30
Ethyl Acetate	A	10.00	8.84	0.7826219	0.6918149		-11.6	30
Ethylbenzene	A	10.00	11.2	2.751109	3.066881		11.5	30
Hexachlorobutadiene	A	10.00	11.3	0.3038286	0.3445971		13.4	30
2-Hexanone (MBK)	A	100.0	101	0.2910779	0.2946311		1.2	30
Iodomethane	A	10.00	8.17	0.6158952	0.5034304		-18.3	30
Isopropylbenzene (Cumene)	A	10.00	10.9	2.912551	3.166478		8.7	30

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA2	Calibration:	2301046
Lab File ID:	B23V23420.D	Calibration Date:	08/22/23 11:59
Sequence:	S092419	Injection Date:	08/22/23
Lab Sample ID:	S092419-ICV1	Injection Time:	18:56

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)
p-Isopropyltoluene (p-Cymene)	A	10.00	11.4	2.477135	2.816481		13.7	30
Methyl Acetate	A	10.00	12.6	0.5480667	0.6926706		26.4	30
Methyl tert-Butyl Ether (MTBE)	A	10.00	10.8	1.240174	1.342327		8.2	30
Methyl Cyclohexane	A	10.00	11.7	0.4844583	0.5671861		17.1	30
Methylene Chloride	A	10.00	11.0	0.8289869	0.9140097		10.3	30
4-Methyl-2-pentanone (MIBK)	A	100.0	104	0.3874748	0.4040236		4.3	30
Naphthalene	A	10.00	10.9	1.601921	1.747662		9.1	30
n-Propylbenzene	A	10.00	10.9	3.392799	3.689766		8.8	30
Styrene	A	10.00	11.1	1.798821	1.994793		10.9	30
1,1,1,2-Tetrachloroethane	A	10.00	11.3	0.563075	0.6374068		13.2	30
1,1,2,2-Tetrachloroethane	A	10.00	11.2	0.6543669	0.7339637		12.2	30
Tetrachloroethylene	A	10.00	11.4	0.259656	0.2962074		14.1	30
Tetrahydrofuran	A	10.00	11.6	0.2281792	0.2634748		15.5	30
Toluene	A	10.00	10.7	1.280736	1.372342		7.2	30
1,2,3-Trichlorobenzene	A	10.00	11.0	0.5277462	0.5816134		10.2	30
1,2,4-Trichlorobenzene	A	10.00	11.2	0.6572101	0.7367884		12.1	30
1,3,5-Trichlorobenzene	A	10.00	11.2	0.7916624	0.8868416		12.0	30
1,1,1-Trichloroethane	A	10.00	11.7	0.7320261	0.8533271		16.6	30
1,1,2-Trichloroethane	A	10.00	11.4	0.2440284	0.279215		14.4	30
Trichloroethylene	A	10.00	12.2	0.2887468	0.3516956		21.8	30
Trichlorofluoromethane (Freon 11)	A	10.00	11.3	0.6425119	0.7284465		13.4	30
1,2,3-Trichloropropane	A	10.00	10.6	0.214651	0.2286592		6.5	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.00	12.2	0.3878568	0.4716321		21.6	30
1,2,3-Trimethylbenzene	A	10.00	10.5	2.281923	2.398333		5.1	30
1,2,4-Trimethylbenzene	A	10.00	11.0	2.189137	2.410248		10.1	30
1,3,5-Trimethylbenzene	A	10.00	11.0	2.399254	2.646488		10.3	30
Vinyl Acetate	A	100.0	87.4	1.477437	1.291616		-12.6	30
Vinyl Chloride	A	10.00	9.58	0.6444279	0.6176267		-4.2	30

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA2	Calibration:	2301046
Lab File ID:	B23V23420.D	Calibration Date:	08/22/23 11:59
Sequence:	S092419	Injection Date:	08/22/23
Lab Sample ID:	S092419-ICV1	Injection Time:	18:56

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)
m+p Xylene	A	20.00	21.4	2.16433	2.310199		6.7	30
o-Xylene	A	10.00	11.1	2.206763	2.455151		11.3	30
1,2-Dichloroethane-d4	A	25.00	26.1	0.624035	0.650387		4.2	
Toluene-d8	A	25.00	25.3	1.261711	1.277595		1.3	
4-Bromofluorobenzene	A	25.00	25.1	0.9530317	0.9561592		0.3	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA3	Calibration:	2200537
Lab File ID:	C24V31105.D	Calibration Date:	08/08/22 10:18
Sequence:	S113476	Injection Date:	11/06/24
Lab Sample ID:	S113476-CCV1	Injection Time:	11:18

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100.0	90.1	0.1820924	0.1640686		-9.9	20
Benzene	A	10.00	10.8	1.667645	1.800653		8.0	20
Bromochloromethane	A	10.00	11.3	0.3793018	0.4295915		13.3	20
Bromodichloromethane	A	10.00	9.73	0.3940258	0.3833628		-2.7	20
Bromoform	A	10.00	8.44	0.5234936	0.4420287		-15.6	20
Bromomethane	A	10.00	13.0	0.3079598	0.4000397		29.9	20 *
2-Butanone (MEK)	A	100.0	97.5	0.2634095	0.2567116		-2.5	20
n-Butylbenzene	A	10.00	9.59	1.549707	1.48608		-4.1	20
sec-Butylbenzene	A	10.00	9.57	2.143392	2.05024		-4.3	20
tert-Butylbenzene	A	10.00	9.45	1.606643	1.517779		-5.5	20
Carbon Disulfide	A	100.0	93.0	1.262495	1.163024		-7.9	20
Carbon Tetrachloride	A	10.00	9.79	0.528229	0.5172713		-2.1	20
Chlorobenzene	A	10.00	11.0	1.57638	1.734437		10.0	20
Chlorodibromomethane	A	10.00	9.26	0.3363907	0.3115819		-7.4	20
Chloroethane	A	10.00	9.90	0.3601205	0.3564234		-1.0	20
Chloroform	A	10.00	10.0	0.7591359	0.7624792		0.4	20
Chloromethane	A	10.00	10.6	0.7095398	0.7549592		6.4	20
Cyclohexane	A	10.00	10.1	0.7080121	0.7163698		1.2	20
1,2-Dibromo-3-chloropropane (DBCP)	A	10.00	7.40	0.1649304	0.1220294		-26.0	20 *
1,2-Dibromoethane (EDB)	A	10.00	9.34	0.299296	0.2795374		-6.6	20
1,2-Dichlorobenzene	A	10.00	10.6	1.213634	1.28955		6.3	20
1,3-Dichlorobenzene	A	10.00	10.6	1.193097	1.263728		5.9	20
1,4-Dichlorobenzene	A	10.00	9.92	1.270795	1.260265		-0.8	20
Dichlorodifluoromethane (Freon 12)	A	10.00	9.96	0.4341094	0.4324234		-0.4	20
1,1-Dichloroethane	A	10.00	9.84	0.787926	0.7755817		-1.6	20
1,2-Dichloroethane	A	10.00	10.9	0.4276246	0.4644585		8.6	20
1,1-Dichloroethylene	A	10.00	9.81	0.6503172	0.6378767		-1.9	20
cis-1,2-Dichloroethylene	A	10.00	10.2	0.6864345	0.6991346		1.9	20
trans-1,2-Dichloroethylene	A	10.00	9.64	0.6178868	0.5958186		-3.6	20

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA3	Calibration:	2200537
Lab File ID:	C24V31105.D	Calibration Date:	08/08/22 10:18
Sequence:	S113476	Injection Date:	11/06/24
Lab Sample ID:	S113476-CCV1	Injection Time:	11:18

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dichloropropane	A	10.00	9.94	0.306328	0.3043702		-0.6	20
cis-1,3-Dichloropropene	A	10.00	9.24	0.4734604	0.4372729		-7.6	20
trans-1,3-Dichloropropene	A	10.00	8.54	0.4080538	0.3484663		-14.6	20
Ethylbenzene	A	10.00	10.3	2.549064	2.63431		3.3	20
2-Hexanone (MBK)	A	100.0	85.9	0.2843475	0.2442106		-14.1	20
Isopropylbenzene (Cumene)	A	10.00	9.85	2.395221	2.35998		-1.5	20
p-Isopropyltoluene (p-Cymene)	A	10.00	9.96	1.842122	1.833845		-0.4	20
Methyl Acetate	A	10.00	12.8	0.7088624	0.9054686		27.7	20 *
Methyl tert-Butyl Ether (MTBE)	A	10.00	9.30	1.412808	1.314411		-7.0	20
Methyl Cyclohexane	A	10.00	10.0	0.3308172	0.3319399		0.3	20
Methylene Chloride	A	10.00	10.1	0.6427786	0.6469143		0.6	20
4-Methyl-2-pentanone (MIBK)	A	100.0	88.2	0.4112112	0.3625459		-11.8	20
Naphthalene	A	10.00	7.24	2.035952	1.473851		-27.6	20 *
n-Propylbenzene	A	10.00	10.2	2.678168	2.717773		1.5	20
Styrene	A	10.00	9.92	1.683114	1.669318		-0.8	20
1,1,2,2-Tetrachloroethane	A	10.00	9.66	0.9177436	0.8863347		-3.4	20
Tetrachloroethylene	A	10.00	10.6	0.2808079	0.2965728		5.6	20
Toluene	A	10.00	10.1	1.195157	1.205593		0.9	20
1,2,3-Trichlorobenzene	A	10.00	10.3	0.6638408	0.6821141		2.8	20
1,2,4-Trichlorobenzene	A	10.00	9.46	0.6791191	0.6426183		-5.4	20
1,1,1-Trichloroethane	A	10.00	9.93	0.6322124	0.6277144		-0.7	20
1,1,2-Trichloroethane	A	10.00	9.97	0.2797054	0.2787692		-0.3	20
Trichloroethylene	A	10.00	9.89	0.2768359	0.2737661		-1.1	20
Trichlorofluoromethane (Freon 11)	A	10.00	10.4	0.6391431	0.6649353		4.0	20
1,2,3-Trichloropropane	A	10.00	10.7	0.7526804	0.807301		7.3	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.00	9.31	0.377547	0.3513559		-6.9	20
1,2,4-Trimethylbenzene	A	10.00	9.78	1.974771	1.931021		-2.2	20
1,3,5-Trimethylbenzene	A	10.00	10.4	1.963624	2.033963		3.6	20

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA3	Calibration:	2200537
Lab File ID:	C24V31105.D	Calibration Date:	08/08/22 10:18
Sequence:	S113476	Injection Date:	11/06/24
Lab Sample ID:	S113476-CCV1	Injection Time:	11:18

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Vinyl Chloride	A	10.00	10.0	0.5221577	0.5222982		0.03	20
m+p Xylene	A	20.00	20.9	1.99021	2.07957		4.5	20
o-Xylene	A	10.00	10.2	2.094658	2.128666		1.6	20
1,2-Dichloroethane-d4	A	25.00	24.6	0.5629535	0.553373		-1.7	
Toluene-d8	A	25.00	23.9	1.188132	1.134409		-4.5	
4-Bromofluorobenzene	A	25.00	24.0	0.8894447	0.8523019		-4.2	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31105.D
 Acq On : 6 Nov 2024 11:18 am
 Operator :
 Sample : 8260 STD 10PPB 24J0835
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 07 07:06:55 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.292	168	221408	30.00	UG/L	0.00
49) 1,4-DIFLUOROBENZENE - ...	5.006	114	312409	30.00	UG/L	0.00
72) CHLOROBENZENE-D5 ISTD	7.836	82	143597	30.00	UG/L	0.00
91) 1,4-DICHLOROBENZENE-D4...	10.137	152	151611	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.557	65	102101	24.57	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.28%	
50) TOLUENE SS	6.442	98	295333	23.87	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	95.48%	
73) 4-BROMOFLUOROBENZENE SS	8.996	95	101990	23.96	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	95.84%	
Target Compounds						
					Qvalue	
3) DICHLORODIFLUOROMETHANE	1.129	85	31914	9.96	UG/L	99
4) DIFLUOROCHLOROMETHANE	1.135	51	38365	9.09	UG/L	# 100
5) CHLOROMETHANE	1.241	50	55718	10.64	UG/L	# 24
6) VINYL CHLORIDE	1.311	62	38547	10.00	UG/L	97
7) BROMOMETHANE	1.506	94	29524	12.99	UG/L	100
8) CHLOROETHANE	1.573	64	26305	9.90	UG/L	96
9) FLUORODICHLOROMETHANE	1.695	67	61274	9.88	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.737	101	49074	10.40	UG/L	97
11) ETHANOL	1.863	45	8629	112.78	UG/L	# 88
12) DI ETHYL ETHER	1.935	59	28400	10.36	UG/L	96
13) ACROLEIN	2.030	56	77991	115.53	UG/L	86
14) ACETONE	2.144	43	121087	90.10	UG/L	97
15) 1,1-DICHLOROETHENE	2.097	61	47077	9.81	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.097	101	25931	9.31	UG/L	95
17) IODOMETHANE	2.214	142	413229	103.30	UG/L	98
20) METHYL ACETATE	2.404	43	66826	12.77	UG/L	96
21) T-BUTYL ALCOHOL	2.602	59	38083	71.83	UG/L	# 93
22) ACRYLONITRILE	2.708	53	15723	9.43	UG/L	95
23) METHYLENE CHLORIDE	2.482	49	47744	10.06	UG/L	98
24) CARBON DISULFIDE	2.270	76	858343	93.01	UG/L	99
25) METHYL TERT-BUTYL ETHE...	2.744	73	97007	9.30	UG/L	96
26) TRANS 1,2-DICHLOROETHENE	2.724	61	43973	9.64	UG/L	99
27) 1,1-DICHLOROETHANE	3.143	63	57240	9.84	UG/L	96
28) VINYL ACETATE	3.215	43	876752	90.51	UG/L	100
29) DI ISOPROYL ETHER	3.238	45	121273	10.54	UG/L	97
31) 2-BUTANONE	3.784	43	189460	97.46	UG/L	98
32) T-BUTYL ETHYL ETHER	3.614	59	96497	9.45	UG/L	99
33) CIS-1,2-DICHLOROETHENE	3.737	61	51598	10.19	UG/L	95
34) 2,2-DICHLOROPROPANE	3.734	77	37297	8.30	UG/L	92
35) ETHYL ACETATE	3.854	43	38102	7.94	UG/L	# 94
38) BROMOCHLOROMETHANE	3.977	49	31705	11.33	UG/L	99
39) TETRAHYDROFURAN	4.052	42	12930	9.34	UG/L	92
40) CHLOROFORM	4.069	83	56273	10.04	UG/L	98
41) 1,1,1-TRICHLOROETHANE	4.244	97	46327	9.93	UG/L	92
42) CYCLOHEXANE	4.292	56	52870	10.12	UG/L	94
43) CARBON TETRACHLORIDE	4.403	117	38176	9.79	UG/L	99
44) 1,1-DICHLOROPROPENE	4.409	75	41067	10.17	UG/L	97
45) BENZENE	4.612	78	132893	10.80	UG/L	99
48) T-AMYL METHYL ETHER	4.757	73	81641	8.43	UG/L	97
51) 1,2-DICHLOROETHANE	4.635	62	48367	10.86	UG/L	99
52) TRICHLOROETHANE	5.254	95	28509	9.89	UG/L	97
53) METHYLCYCLOHEXANE	5.432	83	34567	10.03	UG/L	97
54) 1,2-DICHLOROPROPANE	5.471	63	31696	9.94	UG/L	97

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31105.D
 Acq On : 6 Nov 2024 11:18 am
 Operator :
 Sample : 8260 STD 10PPB 24J0835
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 07 07:06:55 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

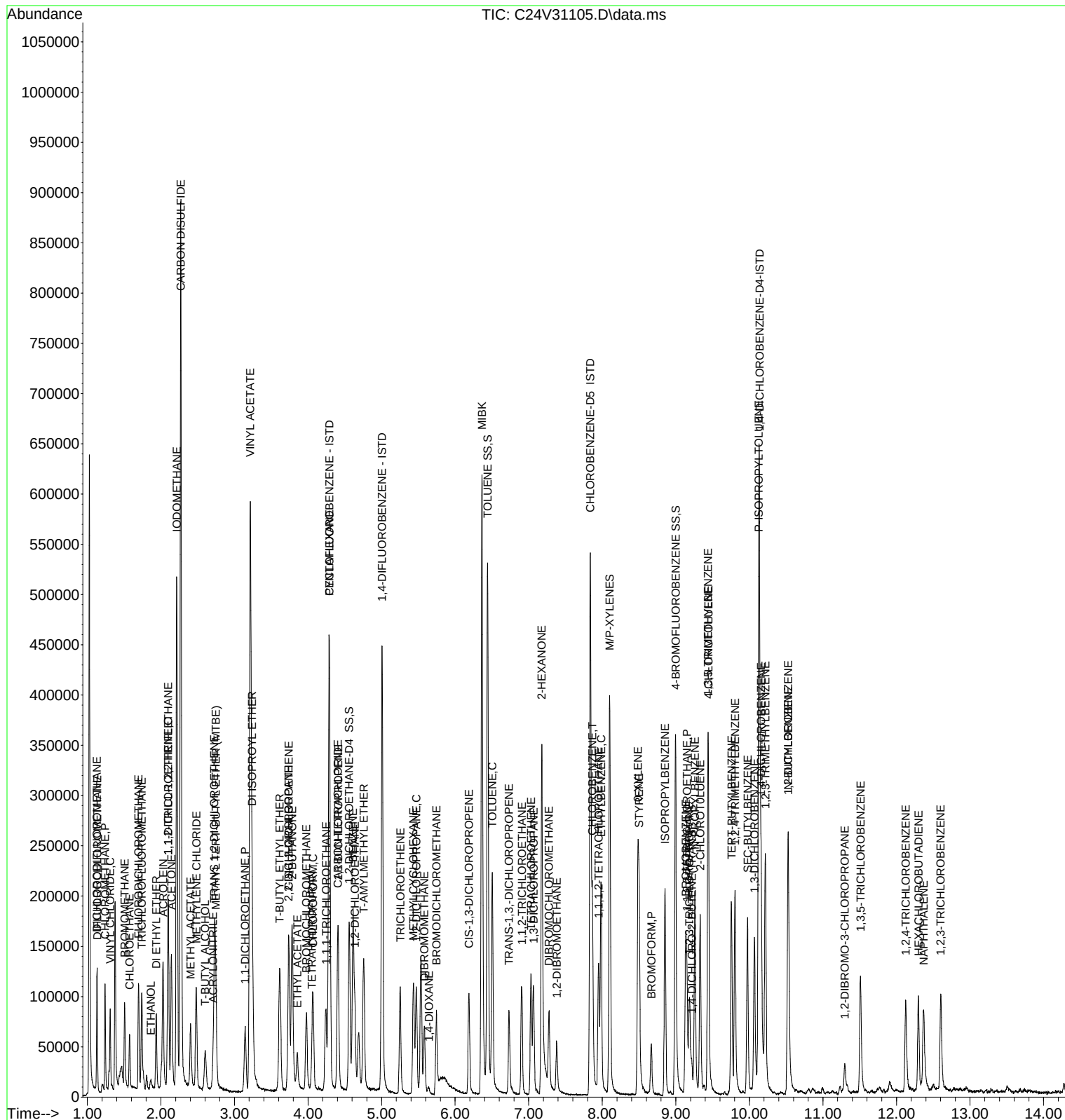
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) DIBROMOMETHANE	5.580	93	19961	9.60	UG/L	98
58) 1,4-DIOXANE	5.641	88	3951	80.19	UG/L #	82
59) BROMODICHLOROMETHANE	5.745	83	39922	9.73	UG/L	99
61) MIBK	6.364	43	377542	88.17	UG/L	99
62) CIS-1,3-DICHLOROPROPENE	6.188	75	45536	9.24	UG/L	98
63) TOLUENE	6.506	91	125546	10.09	UG/L	98
64) TRANS-1,3,-DICHLOROPRO...	6.732	75	36288	8.54	UG/L	94
66) 1,1,2-TRICHLOROETHANE	6.907	97	29030	9.97	UG/L	96
67) 2-HEXANONE	7.178	43	254312	85.88	UG/L	93
68) TETRACHLOROETHENE	7.033	166	30884	10.56	UG/L	100
69) 1,3-DICHLOROPROPANE	7.066	76	49228	9.50	UG/L	98
70) DIBROMOCHLOROMETHANE	7.276	129	32447	9.26	UG/L	99
71) 1,2-DIBROMOETHANE	7.381	107	29110	9.34	UG/L	99
74) CHLOROBENZENE	7.864	112	83020	11.00	UG/L	95
75) 1,1,1,2-TETRACHLOROETHANE	7.950	131	29222	10.45	UG/L	99
76) ETHYLBENZENE	7.984	91	126093	10.33	UG/L	97
77) M/P-XYLENES	8.101	91	199080	20.90	UG/L	98
78) O-XYLENE	8.486	91	101890	10.16	UG/L	99
79) STYRENE	8.500	104	79903	9.92	UG/L	97
80) BROMOFORM	8.667	173	21158	8.44	UG/L	97
81) ISOPROPYLBENZENE	8.854	105	112962	9.85	UG/L	99
83) 1,1,2,2-TETRACHLOROETHANE	9.149	83	42425	9.66	UG/L	97
84) 1,4-DICHLORO-2-BUTENE(...	9.216	53	6572	5.73	UG/L	89
85) BROMOBENZENE	9.133	77	51794	10.35	UG/L	98
86) 1,2,3-TRICHLOROPROPANE	9.183	75	38642	10.73	UG/L	92
87) N-PROPYLBENZENE	9.261	91	130088	10.15	UG/L	99
88) 2-CHLOROTOLUENE	9.334	91	86501	10.35	UG/L	99
89) 1,3,5-TRIMETHYLBENZENE	9.437	105	97357	10.36	UG/L	97
90) 4-CHLOROTOLUENE	9.442	91	96440	10.15	UG/L	99
92) TERT-BUTYLBENZENE	9.757	119	76704	9.45	UG/L	97
93) 1,2,4-TRIMETHYLBENZENE	9.805	105	97588	9.78	UG/L	99
94) SEC-BUTYLBENZENE	9.975	105	103613	9.57	UG/L	98
95) 1,3-DICHLOROBENZENE	10.067	146	63865	10.59	UG/L	98
96) P-ISOPROPYLTOLUENE	10.126	119	92677	9.96	UG/L	99
97) 1,4-DICHLOROBENZENE	10.159	146	63690	9.92	UG/L	99
98) 1,2,3-TRIMETHYLBENZENE	10.218	105	113519	10.26	UG/L #	100
99) N-BUTYLBENZENE	10.530	91	75102	9.59	UG/L	96
100) 1,2-DICHLOROBENZENE	10.524	146	65170	10.63	UG/L	98
101) 1,2-DIBROMO-3-CHLOROPR...	11.297	75	6167	7.40	UG/L	92
102) 1,3,5-TRICHLOROBENZENE	11.511	180	41819	11.16	UG/L	99
103) 1,2,4-TRICHLOROBENZENE	12.125	180	32476	9.46	UG/L	97
104) HEXACHLOROBUTADIENE	12.301	225	17904	12.42	UG/L	90
105) NAPHTHALENE	12.370	128	74484	7.24	UG/L	97
106) 1,2,3-TRICHLOROBENZENE	12.599	180	34472	10.28	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

401

Inst : GCMSV0A3

Quant Time: Nov 07 07:06:55 2024
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Jan 10 12:13:53 2024
Response via : Initial Calibration



CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA2	Calibration:	2301046
Lab File ID:	B24V31207.D	Calibration Date:	08/22/23 11:59
Sequence:	S113570	Injection Date:	11/07/24
Lab Sample ID:	S113570-CCV1	Injection Time:	09:29

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100.0	81.1	0.1886873	0.1529925		-18.9	20
Benzene	A	10.00	9.84	1.87242	1.841796		-1.6	20
Bromochloromethane	A	10.00	10.4	0.2374894	0.2474065		4.2	20
Bromodichloromethane	A	10.00	12.5	0.3633148	0.4554635		25.4	20 *
Bromoform	A	10.00	11.0	0.3942354	0.4324731		9.7	20
Bromomethane	A	10.00	10.2	0.2918845	0.297749		2.0	20
2-Butanone (MEK)	A	100.0	84.1	0.2953406	0.2483572		-15.9	20
n-Butylbenzene	A	10.00	10.5	2.069179	2.177881		5.3	20
sec-Butylbenzene	A	10.00	10.1	2.728342	2.744497		0.6	20
tert-Butylbenzene	A	10.00	10.3	1.965804	2.022273		2.9	20
Carbon Disulfide	A	100.0	85.5	1.128181	0.9651007		-14.5	20
Carbon Tetrachloride	A	10.00	10.2	0.7037482	0.7159375		1.7	20
Chlorobenzene	A	10.00	9.81	1.618839	1.588077		-1.9	20
Chlorodibromomethane	A	10.00	11.9	0.3138034	0.3739534		19.2	20
Chloroethane	A	10.00	8.34	0.3570477	0.2976629		-16.6	20
Chloroform	A	10.00	10.9	0.7941618	0.8628658		8.7	20
Chloromethane	A	10.00	7.77	0.921604	0.7161958		-22.3	20 *
Cyclohexane	A	10.00	7.86	1.151711	0.9049068		-21.4	20 *
1,2-Dibromo-3-chloropropane (DBCP)	A	10.00	11.4	0.1131143	0.1286456		13.7	20
1,2-Dibromoethane (EDB)	A	10.00	11.3	0.2715205	0.3057798		12.6	20
1,2-Dichlorobenzene	A	10.00	10.2	1.145222	1.171317		2.3	20
1,3-Dichlorobenzene	A	10.00	10.3	1.234696	1.272524		3.1	20
1,4-Dichlorobenzene	A	10.00	9.69	1.295066	1.254708		-3.1	20
Dichlorodifluoromethane (Freon 12)	A	10.00	10.1	0.5076679	0.5139132		1.2	20
1,1-Dichloroethane	A	10.00	8.97	0.9157079	0.8213242		-10.3	20
1,2-Dichloroethane	A	10.00	11.8	0.3692397	0.4348729		17.8	20
1,1-Dichloroethylene	A	10.00	8.92	0.7183183	0.6409663		-10.8	20
cis-1,2-Dichloroethylene	A	10.00	9.78	0.8250032	0.8069603		-2.2	20
trans-1,2-Dichloroethylene	A	10.00	8.81	0.7266709	0.6404841		-11.9	20

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA2	Calibration:	2301046
Lab File ID:	B24V31207.D	Calibration Date:	08/22/23 11:59
Sequence:	S113570	Injection Date:	11/07/24
Lab Sample ID:	S113570-CCV1	Injection Time:	09:29

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dichloropropane	A	10.00	9.89	0.3092735	0.3059716		-1.1	20
cis-1,3-Dichloropropene	A	10.00	11.3	0.4675584	0.5283986		13.0	20
trans-1,3-Dichloropropene	A	10.00	12.0	0.4021062	0.4835105		20.2	20 *
Ethylbenzene	A	10.00	10.1	2.751109	2.784941		1.2	20
2-Hexanone (MBK)	A	100.0	95.8	0.2910779	0.2787437		-4.2	20
Isopropylbenzene (Cumene)	A	10.00	9.85	2.912551	2.868409		-1.5	20
p-Isopropyltoluene (p-Cymene)	A	10.00	10.1	2.477135	2.505686		1.2	20
Methyl Acetate	A	10.00	9.43	0.5480667	0.5168239		-5.7	20
Methyl tert-Butyl Ether (MTBE)	A	10.00	10.1	1.240174	1.252447		1.0	20
Methyl Cyclohexane	A	10.00	10.8	0.4844583	0.5225825		7.9	20
Methylene Chloride	A	10.00	7.35	0.8289869	0.6093107		-26.5	20 *
4-Methyl-2-pentanone (MIBK)	A	100.0	97.9	0.3874748	0.3792337		-2.1	20
Naphthalene	A	10.00	10.7	1.601921	1.71087		6.8	20
n-Propylbenzene	A	10.00	10.2	3.392799	3.461336		2.0	20
Styrene	A	10.00	10.2	1.798821	1.841511		2.4	20
1,1,2,2-Tetrachloroethane	A	10.00	11.0	0.6543669	0.7195531		10.0	20
Tetrachloroethylene	A	10.00	10.7	0.259656	0.2776795		6.9	20
Toluene	A	10.00	10.3	1.280736	1.320011		3.1	20
1,2,3-Trichlorobenzene	A	10.00	9.83	0.5277462	0.5188066		-1.7	20
1,2,4-Trichlorobenzene	A	10.00	10.0	0.6572101	0.6582167		0.2	20
1,1,1-Trichloroethane	A	10.00	11.0	0.7320261	0.8034641		9.8	20
1,1,2-Trichloroethane	A	10.00	10.9	0.2440284	0.2661966		9.1	20
Trichloroethylene	A	10.00	11.2	0.2887468	0.3230895		11.9	20
Trichlorofluoromethane (Freon 11)	A	10.00	11.1	0.6425119	0.7107878		10.6	20
1,2,3-Trichloropropane	A	10.00	11.0	0.214651	0.2366744		10.3	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.00	9.22	0.3878568	0.3574262		-7.8	20
1,2,4-Trimethylbenzene	A	10.00	10.4	2.189137	2.28699		4.5	20
1,3,5-Trimethylbenzene	A	10.00	10.2	2.399254	2.454375		2.3	20

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Instrument ID:	GCMSVOA2	Calibration:	2301046
Lab File ID:	B24V31207.D	Calibration Date:	08/22/23 11:59
Sequence:	S113570	Injection Date:	11/07/24
Lab Sample ID:	S113570-CCV1	Injection Time:	09:29

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR		% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	LIMIT (#)
Vinyl Chloride	A	10.00	8.50	0.6444279	0.5476184	-15.0	20
m+p Xylene	A	20.00	19.5	2.16433	2.107332	-2.6	20
o-Xylene	A	10.00	10.0	2.206763	2.216203	0.4	20
1,2-Dichloroethane-d4	A	25.00	27.5	0.624035	0.6865174	10.0	
Toluene-d8	A	25.00	26.2	1.261711	1.323011	4.9	
4-Bromofluorobenzene	A	25.00	25.1	0.9530317	0.9553001	0.2	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : C:\msdchem\1\data\B110724\
 Data File : B24V31207.D
 Acq On : 7 Nov 2024 9:29 am
 Operator :
 Sample : 8260 STD 10 PPB 24J0835
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Nov 08 09:52:25 2024
 Quant Method : C:\msdchem\1\methods\B082223W.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Nov 08 09:51:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.974	168	174187	30.00	UG/L	0.00
44) 1,4-DIFLUOROBENZENE - ...	4.730	114	281634	30.00	UG/L	0.00
65) CHLOROBENZENE-D5 ISTD	7.792	82	164327	30.00	UG/L	0.00
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	176135	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.261	65	99652	27.50	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	110.00%	
45) TOLUENE-D8 SS	6.266	98	310504	26.21	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	104.84%	
66) 4-BROMOFLUOROBENZENE SS	9.061	95	130818	25.06	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.24%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.013	85	29839	10.12	UG/L	97
4) DIFLUOROCHLOROMETHANE	1.024	51	38161	8.47	UG/L #	89
5) CHLOROMETHANE	1.119	50	41584	7.77	UG/L	97
6) VINYL CHLORIDE	1.172	62	31796	8.50	UG/L	92
7) BROMOMETHANE	1.347	94	17288	10.20	UG/L	95
8) CHLOROETHANE	1.406	64	17283	8.34	UG/L #	88
9) FLUORODICHLOROMETHANE	1.520	67	43770	9.25	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.551	101	41270	11.06	UG/L	97
11) ETHANOL	1.676	45	3271	59.85	UG/L #	83
12) DI ETHYL ETHER	1.724	59	17060	8.18	UG/L	89
13) ACROLEIN	1.819	56	47076	69.57	UG/L #	89
14) ACETONE	1.919	43	88831	81.08	UG/L	93
15) 1,1-DICHLOROETHENE	1.872	61	37216	8.92	UG/L	95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.866	101	20753	9.22	UG/L	98
17) IODOMETHANE	1.983	142	372991	104.30	UG/L	89
18) METHYL ACETATE	2.145	43	30008	9.43	UG/L	94
19) T-BUTYL ALCOHOL	2.318	59	31366	86.00	UG/L #	92
20) ACRYLONITRILE	2.429	53	12111	8.68	UG/L	91
21) METHYLENE CHLORIDE	2.220	49	35378	7.35	UG/L #	86
22) CARBON DISULFIDE	2.025	76	560360	85.54	UG/L	99
23) METHYL TERT-BUTYL ETHE...	2.429	73	72720	10.10	UG/L	90
24) TRANS 1,2-DICHLOROETHENE	2.429	61	37188	8.81	UG/L	92
25) 1,1-DICHLOROETHANE	2.814	63	47688	8.97	UG/L #	98
26) VINYL ACETATE	2.870	43	705157	82.20	UG/L	97
27) DI ISOPROPYL ETHER	2.873	45	96739	8.15	UG/L	94
28) 2-BUTANONE	3.442	43	144202	84.09	UG/L	96
29) T-BUTYL ETHYL ETHER	3.252	59	84434	9.02	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.408	61	46854	9.78	UG/L	96
31) 2,2-DICHLOROPROPANE	3.394	77	45806	11.41	UG/L	98
32) ETHYL ACETATE	3.514	43	39532m	8.70	UG/L	
33) BROMOCHLOROMETHANE	3.654	128	14365	10.42	UG/L	82
34) TETRAHYDROFURAN	3.707	42	11213m	8.46	UG/L	
36) CHLOROFORM	3.746	83	50100	10.87	UG/L	99
37) 1,1,1-TRICHLOROETHANE	3.913	97	46651	10.98	UG/L	97
38) CYCLOHEXANE	3.952	56	52541	7.86	UG/L	92
39) CARBON TETRACHLORIDE	4.075	117	41569	10.17	UG/L	99
40) 1,1-DICHLOROPROPENE	4.089	75	38062	9.72	UG/L	98
41) BENZENE	4.303	78	106939	9.84	UG/L	96
43) T-AMYL METHYL ETHER	4.434	73	71739	9.23	UG/L	94
46) 1,2-DICHLOROETHANE	4.342	62	40825	11.78	UG/L #	90
47) TRICHLOROETHENE	4.981	95	30331	11.19	UG/L	96
48) METHYLCYCLOHEXANE	5.159	83	49059	10.79	UG/L	93
49) 1,2-DICHLOROPROPANE	5.224	63	28724	9.89	UG/L	96
50) DIBROMOMETHANE	5.352	93	17287	11.24	UG/L	96
51) 1,4-DIOXANE	5.391	88	2857	79.37	UG/L #	65
52) BROMODICHLOROMETHANE	5.527	83	42758	12.54	UG/L	99
53) 2-CHLOROETHYL VINYLETHER	5.870	63	209936	106.45	UG/L	95
54) MIBK	6.183	43	356017	97.87	UG/L	99

Data Path : C:\msdchem\1\data\B110724\
 Data File : B24V31207.D
 Acq On : 7 Nov 2024 9:29 am
 Operator :
 Sample : 8260 STD 10 PPB 24J0835
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Inst : GCMSV0A2

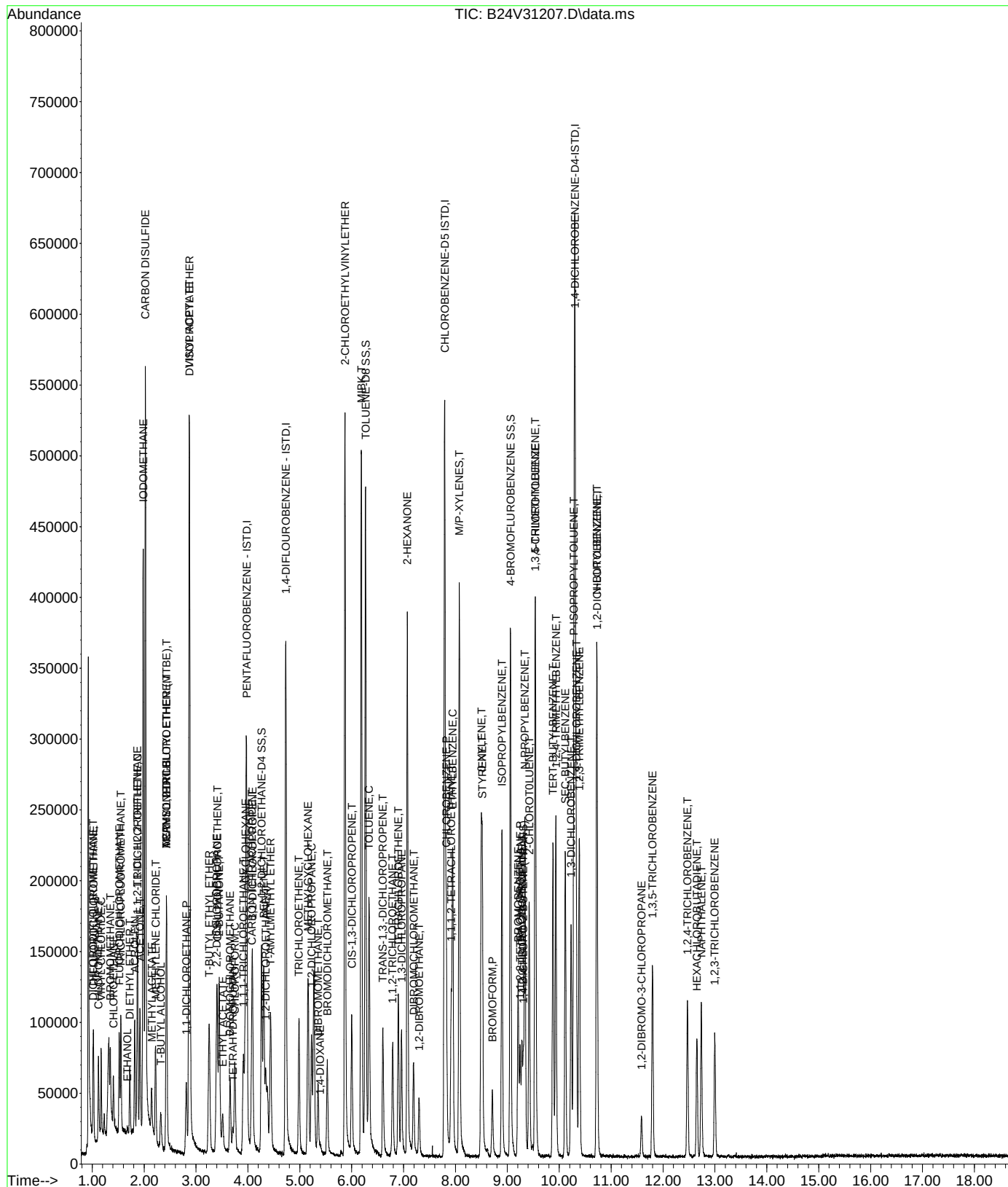
Quant Time: Nov 08 09:52:25 2024
 Quant Method : C:\msdchem\1\methods\B082223W.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Nov 08 09:51:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) CIS-1,3-DICHLOROPROPENE	6.002	75	49605	11.30	UG/L	98
56) TOLUENE	6.333	91	123920	10.31	UG/L	100
57) TRANS-1,3,-DICHLOROPRO...	6.598	75	45391	12.02	UG/L	95
59) 1,1,2-TRICHLOROETHANE	6.785	97	24990	10.91	UG/L	96
60) 2-HEXANONE	7.072	43	261679	95.76	UG/L	99
61) TETRACHLOROETHENE	6.897	164	26068	10.69	UG/L	98
62) 1,3-DICHLOROPROPANE	6.961	76	45507	10.91	UG/L	93
63) DIBROMOCHLOROMETHANE	7.192	129	35106	11.92	UG/L	100
64) 1,2-DIBROMOETHANE	7.301	107	28706	11.26	UG/L #	97
67) CHLOROBENZENE	7.823	112	86988	9.81	UG/L	97
68) 1,1,1,2-TETRACHLOROETHANE	7.917	131	32864	10.66	UG/L	96
69) ETHYLBENZENE	7.948	91	152547	10.12	UG/L	98
70) M/P-XYLENES	8.074	91	230861	19.47	UG/L	97
71) O-XYLENE	8.497	91	121394	10.04	UG/L	100
72) STYRENE	8.517	104	100870	10.24	UG/L	95
73) BROMOFORM	8.709	173	23689	10.97	UG/L #	98
74) ISOPROPYLBENZENE	8.893	105	157119	9.85	UG/L	100
76) 1,1,2,2-TETRACHLOROETHANE	9.245	83	39414	11.00	UG/L	100
77) 1,4-DICHLORO-2-BUTENE(...	9.306	53	16367	11.02	UG/L	87
78) BROMOBENZENE	9.211	77	55885	10.03	UG/L	97
79) 1,2,3-TRICHLOROPROPANE	9.281	110	12964	11.03	UG/L	94
80) N-PROPYLBENZENE	9.337	91	189597	10.20	UG/L	99
81) 2-CHLOROTOLUENE	9.420	91	106874	10.02	UG/L	97
82) 1,3,5-TRIMETHYLBENZENE	9.535	105	134440	10.23	UG/L	99
83) 4-CHLOROTOLUENE	9.540	91	123789	9.98	UG/L	99
85) TERT-BUTYLBENZENE	9.878	119	118731	10.29	UG/L	98
86) 1,2,4-TRIMETHYLBENZENE	9.934	105	134273	10.45	UG/L	98
87) SEC-BUTYLBENZENE	10.115	105	161134	10.06	UG/L	99
88) 1,3-DICHLOROBENZENE	10.226	146	74712	10.31	UG/L	98
89) P-ISOPROPYLTOLUENE	10.279	119	147113	10.12	UG/L	98
90) 1,4-DICHLOROBENZENE	10.327	146	73666	9.69	UG/L	97
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	136847	10.21	UG/L	100
92) N-BUTYLBENZENE	10.723	91	127867	10.53	UG/L	99
93) 1,2-DICHLOROBENZENE	10.728	146	68770	10.23	UG/L	97
94) 1,2-DIBROMO-3-CHLOROPR...	11.582	75	7553	11.37	UG/L	90
95) 1,3,5-TRICHLOROBENZENE	11.796	180	48400	10.41	UG/L	99
96) 1,2,4-TRICHLOROBENZENE	12.471	180	38645	10.02	UG/L	95
97) HEXACHLOROBUTADIENE	12.652	225	18697	10.48	UG/L	98
98) NAPHTHALENE	12.739	128	100448	10.68	UG/L	98
99) 1,2,3-TRICHLOROBENZENE	12.995	180	30460	9.83	UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

407

Quant Time: Nov 08 09:52:25 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Nov 08 09:51:50 2024
Response via : Initial Calibration



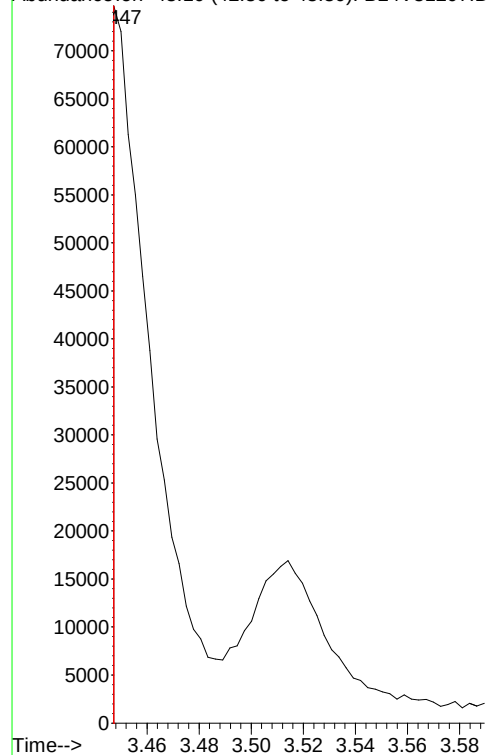
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31207.D
Acq On : 7 Nov 2024 9:29 am
Operator :
Sample : 8260 STD 10 PPB 24J0835
Misc :

Quant Time : Fri Nov 08 12:04:18 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B24V31207.D



Original Int. Results

RT : 0.00
Area : 0
Amount : 0

Manual Int. Results

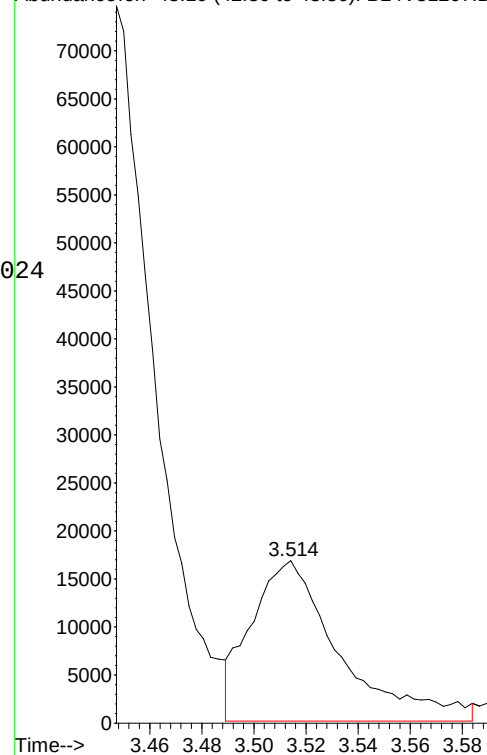
Fri Nov 08 12:03:29 2024

MIuser: LBD
Reason: Other
RT : 3.51
Area : 39532
Amount : 8.69966

Manual Integration

ETHYL ACETATE

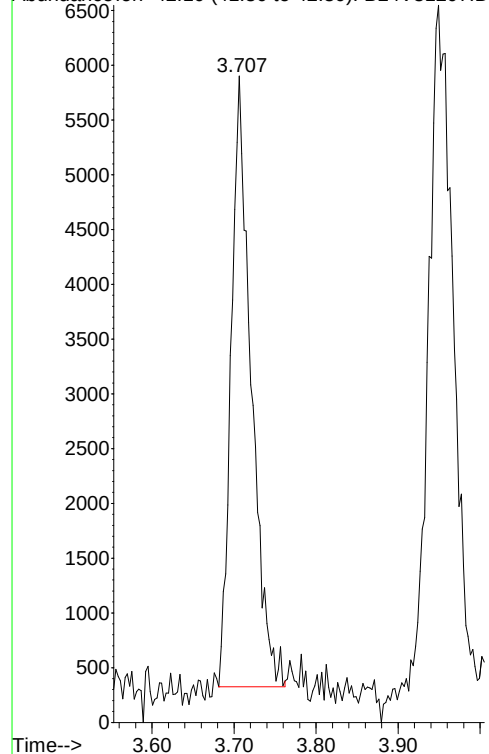
Abundance Ion 43.10 (42.80 to 43.80): B24V31207.D



Original Integration

TETRAHYDROFURAN

Abundance Ion 42.10 (41.80 to 42.80): B24V31207.D



Original Int. Results

RT : 3.71
Area : 9429
Amount : 7.11697

Manual Int. Results

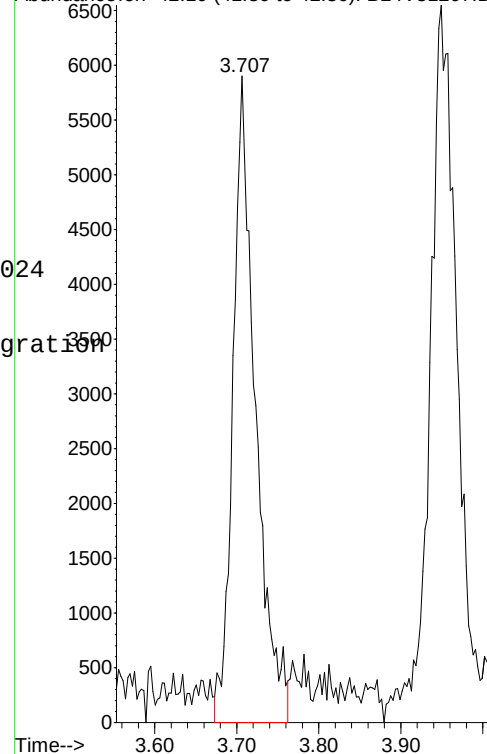
Fri Nov 08 12:03:42 2024

MIuser: LBD
Reason: Incorret Integration
RT : 3.71
Area : 11213
Amount : 8.46352

Manual Integration

TETRAHYDROFURAN

Abundance Ion 42.10 (41.80 to 42.80): B24V31207.D



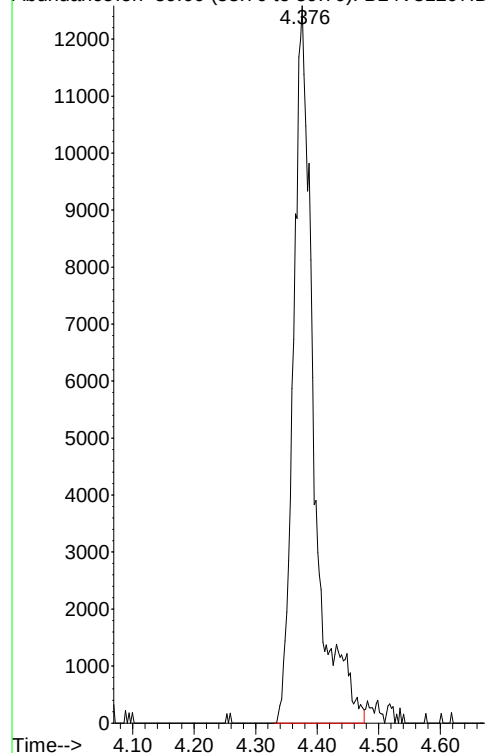
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31207.D
Acq On : 7 Nov 2024 9:29 am
Operator :
Sample : 8260 STD 10 PPB 24J0835
Misc :

Quant Time : Fri Nov 08 12:04:18 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B24V31207.D



Original Int. Results

RT : 4.38
Area : 28860
Amount: 0

Manual Int. Results

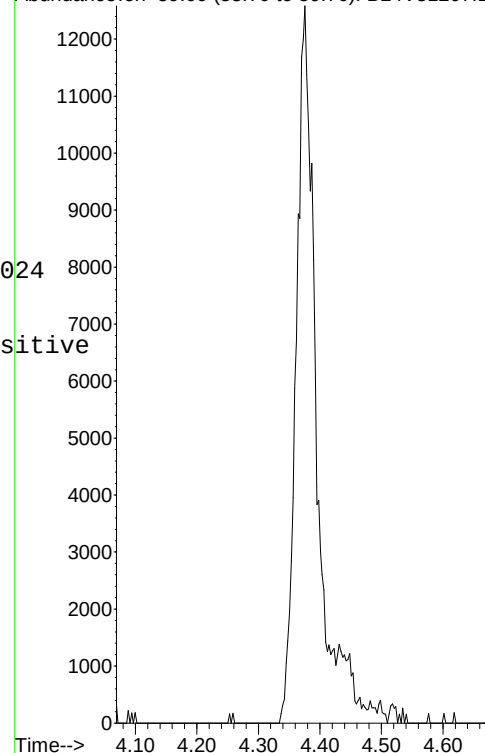
Fri Nov 08 12:03:50 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL FORMATE

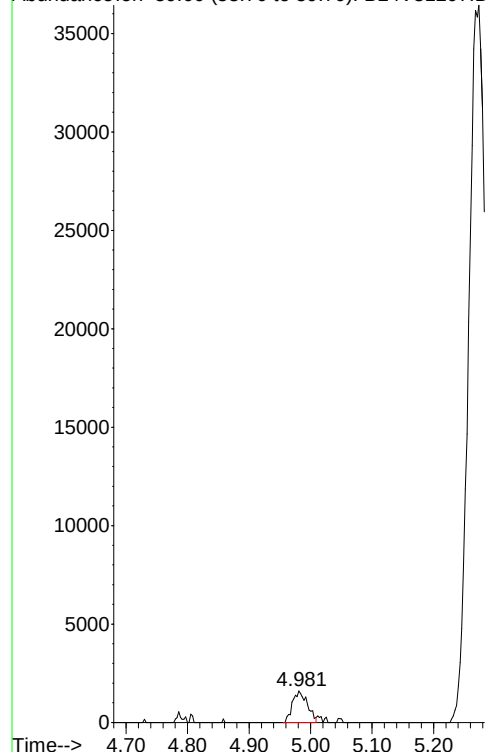
Abundance Ion 59.00 (58.70 to 59.70): B24V31207.D



Original Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B24V31207.D



Original Int. Results

RT : 4.98
Area : 2665
Amount: 0

Manual Int. Results

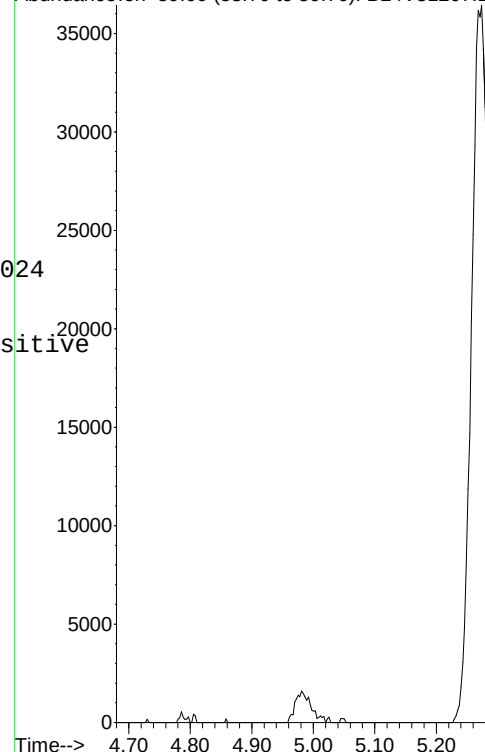
Fri Nov 08 12:03:56 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B24V31207.D



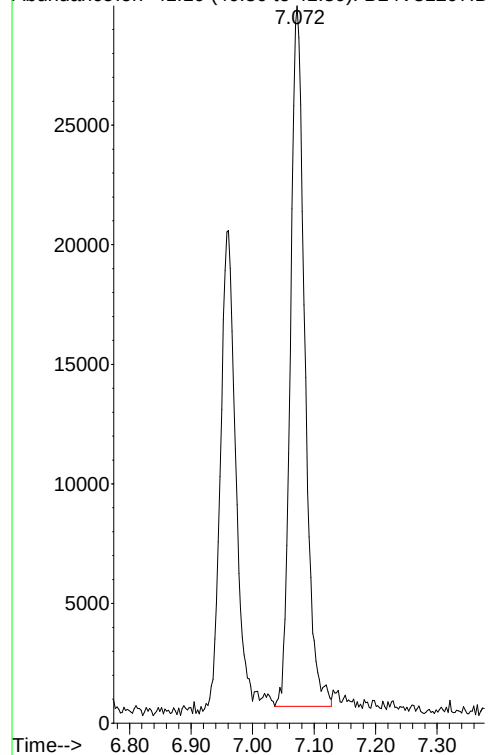
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31207.D
Acq On : 7 Nov 2024 9:29 am
Operator :
Sample : 8260 STD 10 PPB 24J0835
Misc :

Quant Time : Fri Nov 08 12:04:18 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

ETHYL METHACRYLATE

Abundance Ion 41.10 (40.80 to 41.80): B24V31207.D



Original Int. Results

RT : 7.07
Area : 47568
Amount: 0

Manual Int. Results

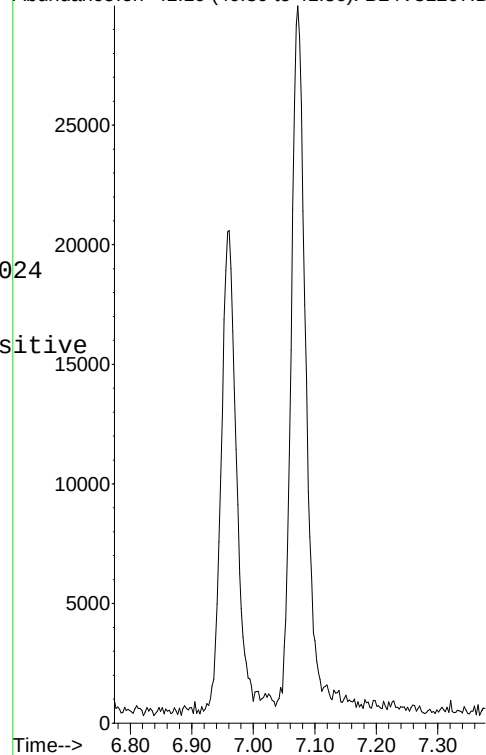
Fri Nov 08 12:04:07 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL METHACRYLATE

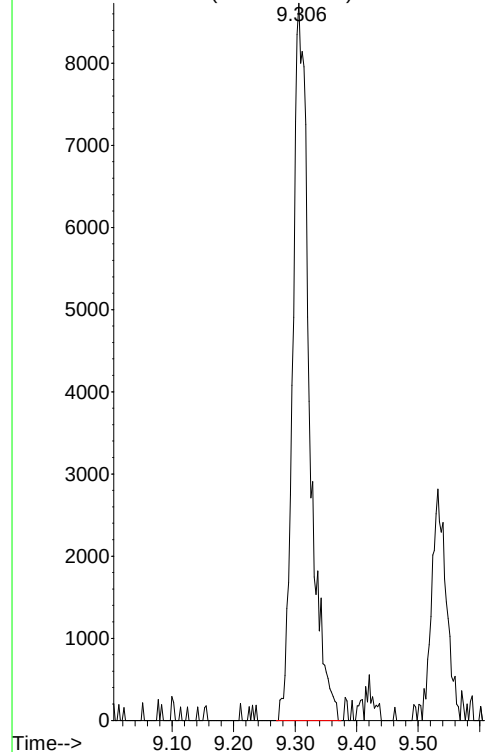
Abundance Ion 41.10 (40.80 to 41.80): B24V31207.D



Original Integration

CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B24V31207.D



Original Int. Results

RT : 9.31
Area : 16367
Amount: 0

Manual Int. Results

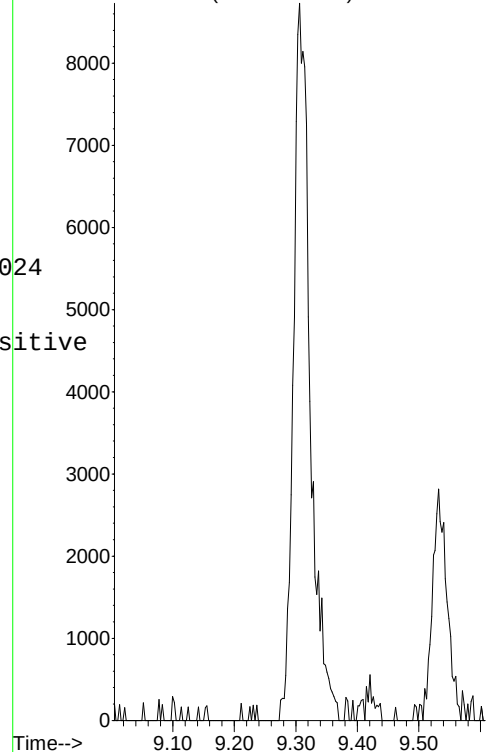
Fri Nov 08 12:04:16 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B24V31207.D



8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Sequence:	S113476	Instrument:	GCMSVOA3
		Calibration:	2200537

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S113476-CCV1)			<i>Lab File ID: C24V31105.D</i>			<i>Analyzed: 11/06/24 11:18</i>			
Pentafluorobenzene	221408	4.292				50 - 200		+/-0.50	
1,4-Difluorobenzene	312409	5.006				50 - 200		+/-0.50	
Chlorobenzene-d5	143597	7.836				50 - 200		+/-0.50	
1,4-Dichlorobenzene-d4	151611	10.137				50 - 200		+/-0.50	
LCS (B391460-BS1)			<i>Lab File ID: C24V31106.D</i>			<i>Analyzed: 11/06/24 11:44</i>			
Pentafluorobenzene	217994	4.289	221408	4.292	98	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	313887	5.008	312409	5.006	100	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	141277	7.841	143597	7.836	98	50 - 200	0.0050	+/-0.50	
1,4-Dichlorobenzene-d4	150976	10.136	151611	10.137	100	50 - 200	-0.0010	+/-0.50	
LCS Dup (B391460-BSD1)			<i>Lab File ID: C24V31107.D</i>			<i>Analyzed: 11/06/24 12:11</i>			
Pentafluorobenzene	206885	4.289	221408	4.292	93	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	291630	5.005	312409	5.006	93	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	143591	7.836	143597	7.836	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	150920	10.134	151611	10.137	100	50 - 200	-0.0030	+/-0.50	
Blank (B391460-BLK1)			<i>Lab File ID: C24V31110.D</i>			<i>Analyzed: 11/06/24 13:31</i>			
Pentafluorobenzene	213528	4.292	221408	4.292	96	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	274012	5.008	312409	5.006	88	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	127671	7.841	143597	7.836	89	50 - 200	0.0050	+/-0.50	
1,4-Dichlorobenzene-d4	112485	10.142	151611	10.137	74	50 - 200	0.0050	+/-0.50	
MW-2 (24J4347-02)			<i>Lab File ID: C24V31111.D</i>			<i>Analyzed: 11/06/24 13:58</i>			
Pentafluorobenzene	203836	4.289	221408	4.292	92	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	275177	5.008	312409	5.006	88	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	131677	7.841	143597	7.836	92	50 - 200	0.0050	+/-0.50	
1,4-Dichlorobenzene-d4	115906	10.139	151611	10.137	76	50 - 200	0.0020	+/-0.50	
MW-3 (24J4347-03)			<i>Lab File ID: C24V31112.D</i>			<i>Analyzed: 11/06/24 14:25</i>			
Pentafluorobenzene	217592	4.289	221408	4.292	98	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	290358	5.008	312409	5.006	93	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	132538	7.839	143597	7.836	92	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	119795	10.139	151611	10.137	79	50 - 200	0.0020	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Sequence:	S113476	Instrument:	GCMSVOA3
		Calibration:	2200537

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-4 (24J4347-04)			<i>Lab File ID: C24V31113.D</i>		<i>Analyzed: 11/06/24 14:52</i>				
Pentafluorobenzene	206066	4.291	221408	4.292	93	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	277678	5.008	312409	5.006	89	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	123097	7.839	143597	7.836	86	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	113123	10.139	151611	10.137	75	50 - 200	0.0020	+/-0.50	
MW-6R (24J4347-06)			<i>Lab File ID: C24V31114.D</i>		<i>Analyzed: 11/06/24 15:18</i>				
Pentafluorobenzene	206141	4.291	221408	4.292	93	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	296837	5.011	312409	5.006	95	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	125410	7.841	143597	7.836	87	50 - 200	0.0050	+/-0.50	
1,4-Dichlorobenzene-d4	105784	10.139	151611	10.137	70	50 - 200	0.0020	+/-0.50	
MW-8 (24J4347-07)			<i>Lab File ID: C24V31115.D</i>		<i>Analyzed: 11/06/24 15:45</i>				
Pentafluorobenzene	209185	4.292	221408	4.292	94	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	265981	5.008	312409	5.006	85	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	122644	7.839	143597	7.836	85	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	109875	10.142	151611	10.137	72	50 - 200	0.0050	+/-0.50	
DUP (24J4347-08)			<i>Lab File ID: C24V31116.D</i>		<i>Analyzed: 11/06/24 16:12</i>				
Pentafluorobenzene	187359	4.292	221408	4.292	85	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	263354	5.011	312409	5.006	84	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	125355	7.839	143597	7.836	87	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	105842	10.142	151611	10.137	70	50 - 200	0.0050	+/-0.50	
MW-5 (24J4347-05)			<i>Lab File ID: C24V31128.D</i>		<i>Analyzed: 11/06/24 21:33</i>				
Pentafluorobenzene	185468	4.289	221408	4.292	84	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	239426	5.011	312409	5.006	77	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	116132	7.841	143597	7.836	81	50 - 200	0.0050	+/-0.50	
1,4-Dichlorobenzene-d4	95581	10.142	151611	10.137	63	50 - 200	0.0050	+/-0.50	
Matrix Spike (B391460-MS1)			<i>Lab File ID: C24V31129.D</i>		<i>Analyzed: 11/06/24 21:59</i>				
Pentafluorobenzene	175644	4.289	221408	4.292	79	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	248998	5.008	312409	5.006	80	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	122280	7.839	143597	7.836	85	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	128604	10.137	151611	10.137	85	50 - 200	0.0000	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Sequence:	S113476	Instrument:	GCMSVOA3
		Calibration:	2200537

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike Dup (B391460-MSD1)			<i>Lab File ID: C24V31130.D</i>			<i>Analyzed: 11/06/24 22:26</i>			
Pentafluorobenzene	198406	4.286	221408	4.292	90	50 - 200	-0.0060	+/-0.50	
1,4-Difluorobenzene	260621	5.008	312409	5.006	83	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	126171	7.839	143597	7.836	88	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	131142	10.134	151611	10.137	86	50 - 200	-0.0030	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Sequence:	S113570	Instrument:	GCMSVOA2
		Calibration:	2301046

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S113570-CCV1)			<i>Lab File ID: B24V31207.D</i>			<i>Analyzed: 11/07/24 09:29</i>			
Pentafluorobenzene	174187	3.974				50 - 200		+/-0.50	
1,4-Difluorobenzene	281634	4.73				50 - 200		+/-0.50	
Chlorobenzene-d5	164327	7.792				50 - 200		+/-0.50	
1,4-Dichlorobenzene-d4	176135	10.302				50 - 200		+/-0.50	
LCS (B391625-BS1)			<i>Lab File ID: B24V31208.D</i>			<i>Analyzed: 11/07/24 09:55</i>			
Pentafluorobenzene	173213	3.974	174187	3.974	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	291266	4.727	281634	4.73	103	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	170927	7.789	164327	7.792	104	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	175143	10.302	176135	10.302	99	50 - 200	0.0000	+/-0.50	
LCS Dup (B391625-BSD1)			<i>Lab File ID: B24V31209.D</i>			<i>Analyzed: 11/07/24 10:21</i>			
Pentafluorobenzene	167464	3.972	174187	3.974	96	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	284692	4.727	281634	4.73	101	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	165616	7.789	164327	7.792	101	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	172458	10.302	176135	10.302	98	50 - 200	0.0000	+/-0.50	
Blank (B391625-BLK1)			<i>Lab File ID: B24V31211.D</i>			<i>Analyzed: 11/07/24 11:13</i>			
Pentafluorobenzene	160189	3.974	174187	3.974	92	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	269866	4.73	281634	4.73	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	162374	7.789	164327	7.792	99	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	164879	10.305	176135	10.302	94	50 - 200	0.0030	+/-0.50	
MW-1 (24J4347-01)			<i>Lab File ID: B24V31215.D</i>			<i>Analyzed: 11/07/24 12:57</i>			
Pentafluorobenzene	144987	3.977	174187	3.974	83	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	255757	4.73	281634	4.73	91	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	157532	7.792	164327	7.792	96	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	152165	10.299	176135	10.302	86	50 - 200	-0.0030	+/-0.50	

QC DATA

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391460-BLK1
		File ID:	C24V31110.D
Sampled:		Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 13:31
Solids:		Preparation:	SW-846 5030B
		Dilution:	
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide		1.5	5.0	
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.16	1.0	

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391460-BLK1
		File ID:	C24V31110.D
Sampled:		Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 13:31
Solids:		Preparation:	SW-846 5030B
Initial/Final:	5 mL / 5 mL	Dilution:	
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene		0.14	1.0	
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene		0.25	2.0	V-05
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride		0.19	2.0	

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Remediation Project: Former RKO Drycleaners - CO 151681
Matrix: Water Laboratory ID: B391460-BLK1 File ID: C24V31110.D
Sampled: Prepared: 11/05/24 13:26 Analyzed: 11/06/24 13:31
Solids: Preparation: SW-846 5030B Dilution:
Initial/Final: 5 mL / 5 mL
Batch: B391460 Sequence: S113476 Calibration: 2200537 Instrument: GCMSVOA3
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene		0.25	2.0	
95-47-6	o-Xylene		0.16	1.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31110.D
 Acq On : 6 Nov 2024 1:31 pm
 Operator :
 Sample : B0BLK1
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 06 13:58:54 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.292	168	213528	30.00	UG/L	0.00
49) 1,4-DIFLUOROBENZENE - ...	5.008	114	274012	30.00	UG/L	0.00
72) CHLOROBENZENE-D5 ISTD	7.841	82	127671	30.00	UG/L	0.00
91) 1,4-DICHLOROBENZENE-D4...	10.142	152	112485	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.562	65	94466	23.58	UG/L	0.00
Spiked Amount 25.000	Range	70 - 130	Recovery	=	94.32%	
50) TOLUENE SS	6.444	98	258282	23.80	UG/L	0.00
Spiked Amount 25.000	Range	70 - 130	Recovery	=	95.20%	
73) 4-BROMOFLUOROBENZENE SS	9.002	95	80374	21.23	UG/L	0.00
Spiked Amount 25.000	Range	70 - 130	Recovery	=	84.92%	

Target Compounds	Qvalue
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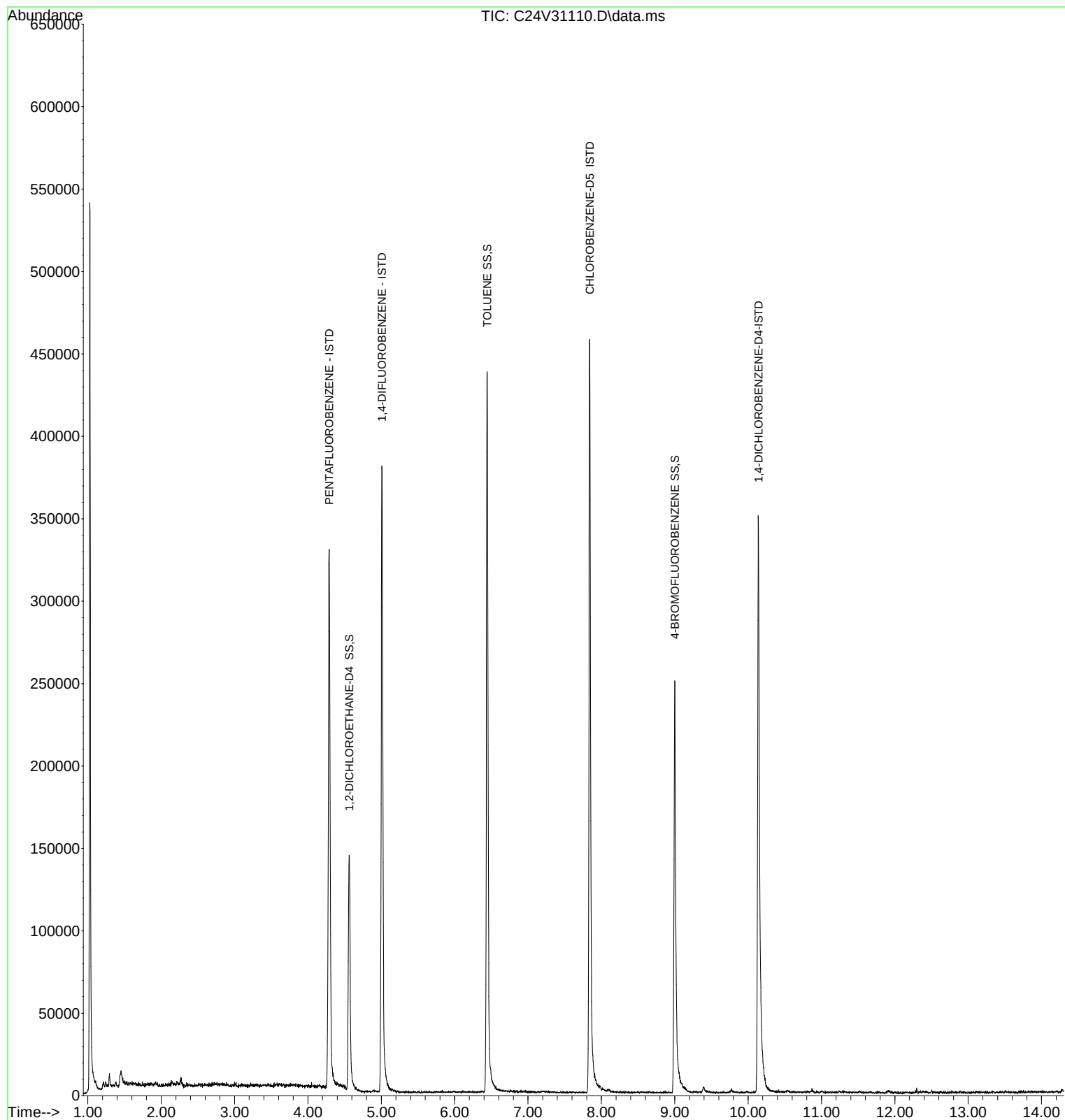
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31110.D
Acq On : 6 Nov 2024 1:31 pm
Operator :
Sample : B0BLK1
Misc :
ALS Vial : 10 Sample Multiplier: 1

420

Inst : GCMSVOA3

Quant Time: Nov 06 13:58:54 2024
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Jan 10 12:13:53 2024
Response via : Initial Calibration

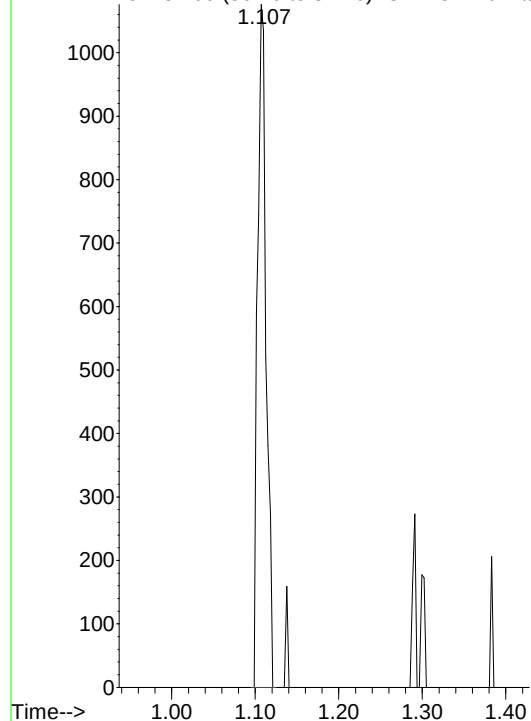


Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31110.D
Acq On : 6 Nov 2024 1:31 pm
Operator :
Sample : B0BLK1
Misc :

Quant Time : Wed Nov 06 13:58:54 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
DIFLUOROCHLOROMETHANE

Abundance Ion 51.00 (50.70 to 51.70): C24V31110.D



Original Int. Results

RT : 1.11
Area : 773
Amount: 0.18984

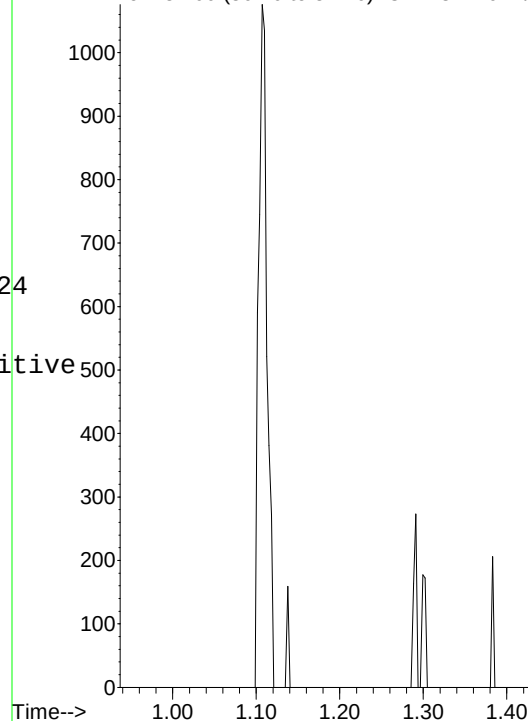
Manual Int. Results

Wed Nov 06 13:56:56 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

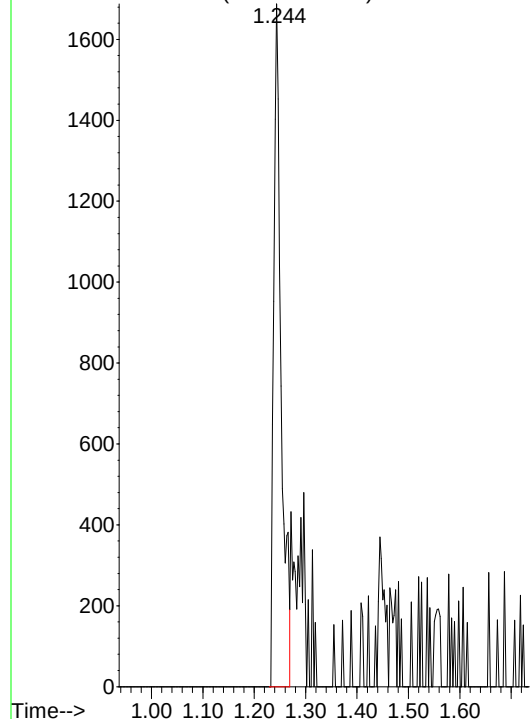
Manual Integration
DIFLUOROCHLOROMETHANE

Abundance Ion 51.00 (50.70 to 51.70): C24V31110.D



Original Integration
CHLOROMETHANE

Abundance Ion 50.00 (49.70 to 50.70): C24V31110.D



Original Int. Results

RT : 1.24
Area : 1685
Amount: 0.333649

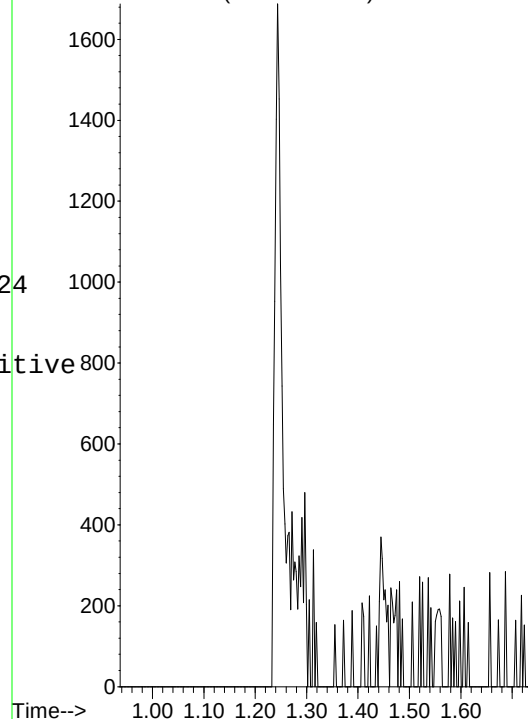
Manual Int. Results

Wed Nov 06 13:57:01 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CHLOROMETHANE

Abundance Ion 50.00 (49.70 to 50.70): C24V31110.D

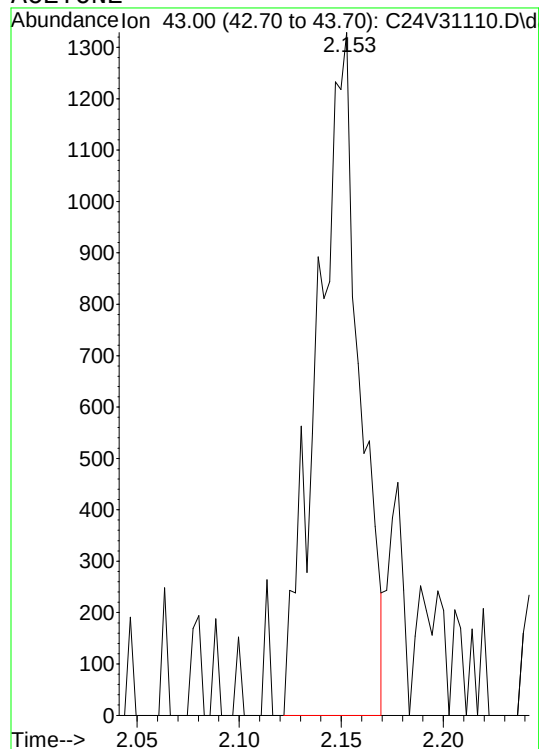


Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31110.D
Acq On : 6 Nov 2024 1:31 pm
Operator :
Sample : B0BLK1
Misc :

Quant Time : Wed Nov 06 13:58:54 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration

ACETONE



Original Int. Results

RT : 2.15
Area : 1899
Amount: 1.46521

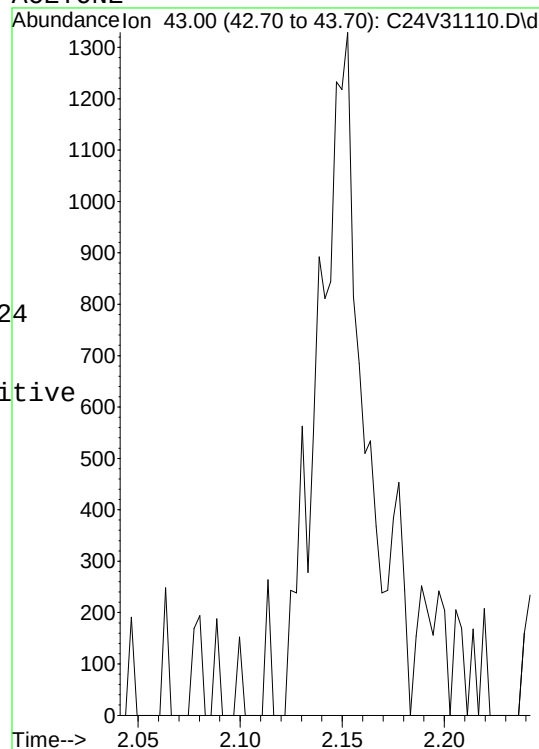
Manual Int. Results

Wed Nov 06 13:57:05 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

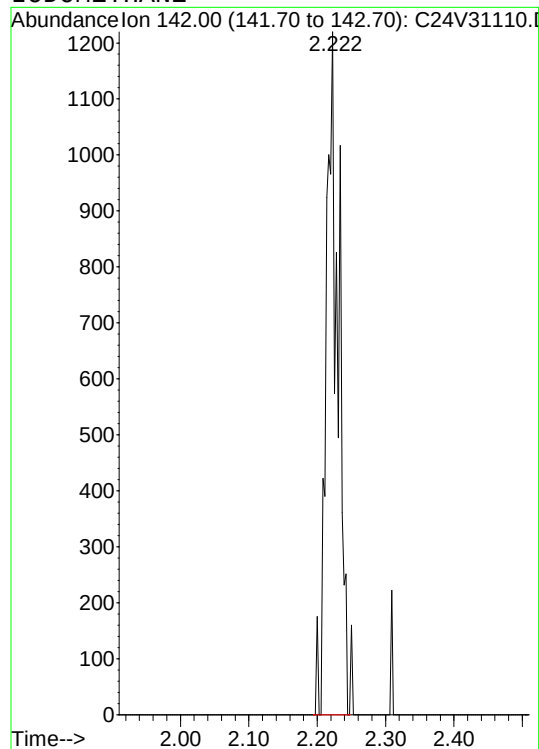
Manual Integration

ACETONE



Original Integration

IODOMETHANE



Original Int. Results

RT : 2.22
Area : 1481
Amount: 0.383899

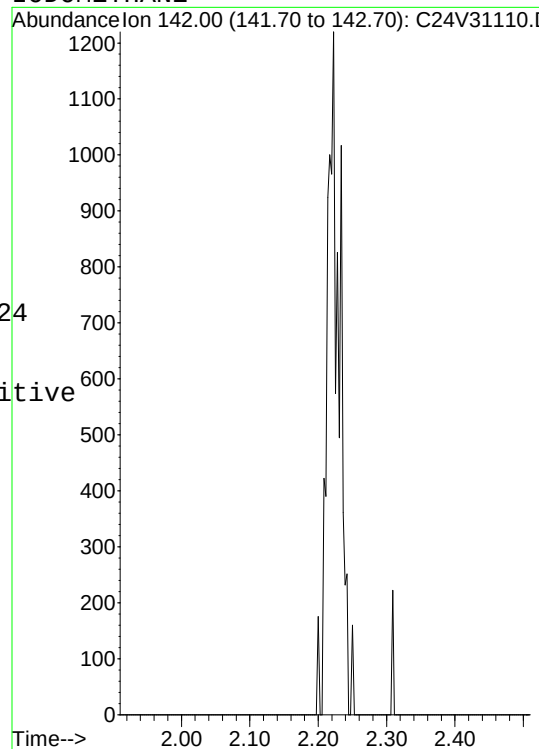
Manual Int. Results

Wed Nov 06 13:57:08 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

IODOMETHANE

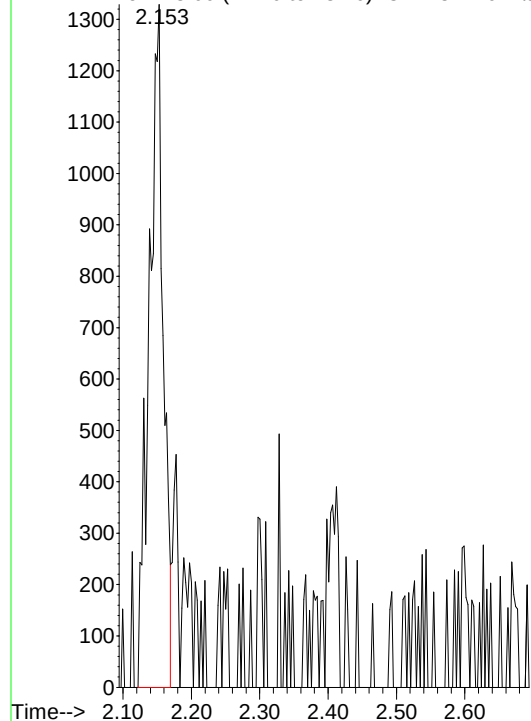


Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31110.D
Acq On : 6 Nov 2024 1:31 pm
Operator :
Sample : B0BLK1
Misc :

Quant Time : Wed Nov 06 13:58:54 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
METHYL ACETATE

Abundance on 43.00 (42.70 to 43.70): C24V31110.D



Original Int. Results

RT : 2.15
Area : 1899
Amount: 0.376383

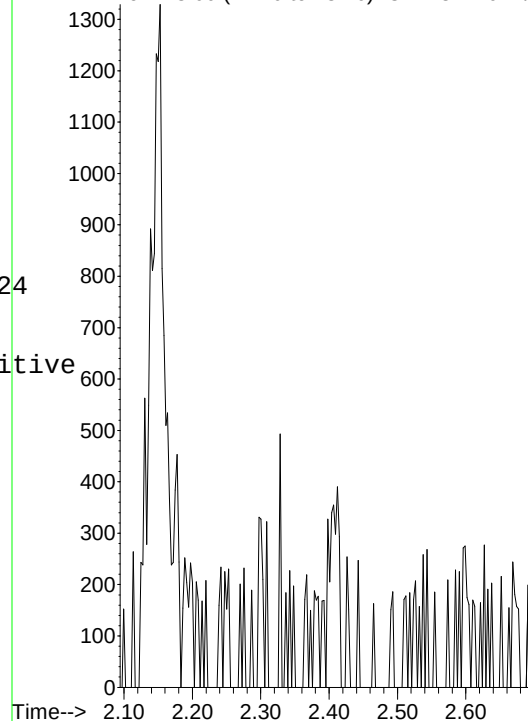
Manual Int. Results

Wed Nov 06 13:58:46 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

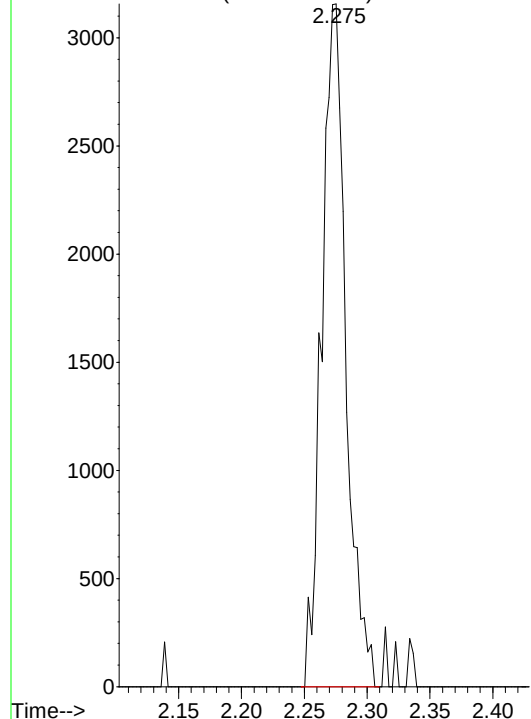
Manual Integration
METHYL ACETATE

Abundance on 43.00 (42.70 to 43.70): C24V31110.D



Original Integration
CARBON DISULFIDE

Abundance on 76.00 (75.70 to 76.70): C24V31110.D



Original Int. Results

RT : 2.28
Area : 4233
Amount: 0.475595

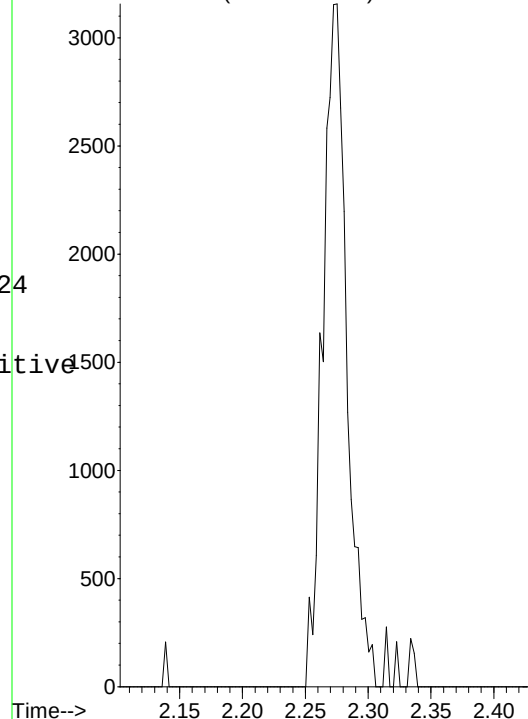
Manual Int. Results

Wed Nov 06 13:58:49 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CARBON DISULFIDE

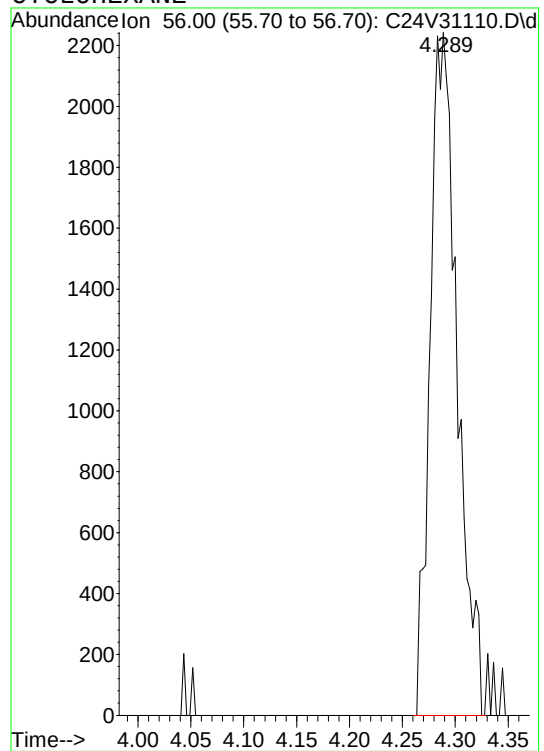
Abundance on 76.00 (75.70 to 76.70): C24V31110.D



Data Path : C:\msdchem\1\data\C110624\
Data File : C24V31110.D
Acq On : 6 Nov 2024 1:31 pm
Operator :
Sample : B0BLK1
Misc :

Quant Time : Wed Nov 06 13:58:54 2024
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Wed Jan 10 12:13:53 2024

Original Integration
CYCLOHEXANE



Original Int. Results

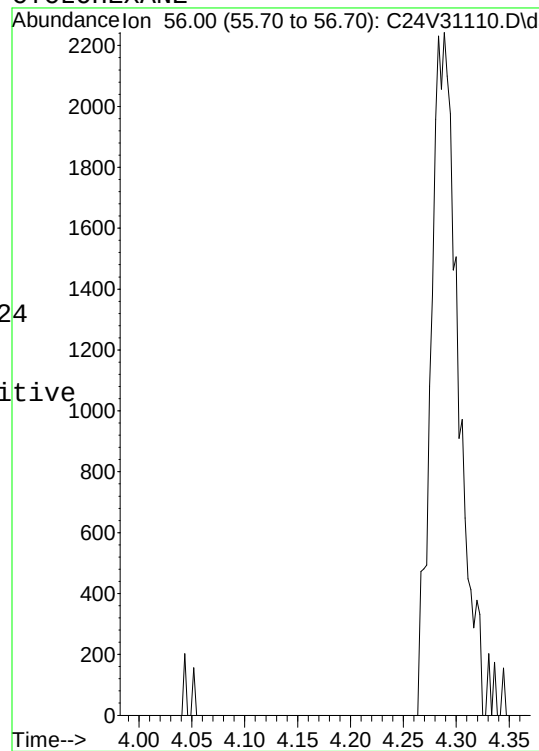
RT : 4.29
Area : 3987
Amount: 0.791174

Manual Int. Results

Wed Nov 06 13:58:53 2024

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391460-BS1
		File ID:	C24V31106.D
Sampled:		Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 11:44
Solids:		Preparation:	SW-846 5030B
		Dilution:	
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	90.3	2.0	50	
71-43-2	Benzene	10.6	0.14	1.0	
74-97-5	Bromochloromethane	11.5	0.32	1.0	
75-27-4	Bromodichloromethane	9.84	0.19	0.50	
75-25-2	Bromoform	8.28	0.30	1.0	
74-83-9	Bromomethane	12.7	1.5	2.0	V-20
78-93-3	2-Butanone (MEK)	97.0	1.4	20	
104-51-8	n-Butylbenzene	9.12	0.16	1.0	
135-98-8	sec-Butylbenzene	9.17	0.16	1.0	
98-06-6	tert-Butylbenzene	9.28	0.17	1.0	
75-15-0	Carbon Disulfide	91.3	1.5	5.0	
56-23-5	Carbon Tetrachloride	9.50	0.19	5.0	
108-90-7	Chlorobenzene	11.3	0.18	1.0	
124-48-1	Chlorodibromomethane	9.18	0.13	0.50	
75-00-3	Chloroethane	10.2	0.46	2.0	
67-66-3	Chloroform	10.1	0.19	2.0	
74-87-3	Chloromethane	10.4	0.50	2.0	
110-82-7	Cyclohexane	9.97	1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.49	0.63	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)	9.35	0.13	0.50	
95-50-1	1,2-Dichlorobenzene	10.2	0.17	1.0	
541-73-1	1,3-Dichlorobenzene	10.2	0.15	1.0	
106-46-7	1,4-Dichlorobenzene	9.67	0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	9.56	0.20	2.0	
75-34-3	1,1-Dichloroethane	9.80	0.15	1.0	
107-06-2	1,2-Dichloroethane	10.4	0.13	1.0	
75-35-4	1,1-Dichloroethylene	9.73	0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.3	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.64	0.16	1.0	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391460-BS1
		File ID:	C24V31106.D
Sampled:		Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 11:44
Solids:		Preparation:	SW-846 5030B
Initial/Final:	5 mL / 5 mL	Dilution:	
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	9.99	0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene	8.89	0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene	8.30	0.14	0.50	
100-41-4	Ethylbenzene	10.2	0.14	1.0	
591-78-6	2-Hexanone (MBK)	74.9	1.3	10	
98-82-8	Isopropylbenzene (Cumene)	9.67	0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	9.25	0.16	1.0	
79-20-9	Methyl Acetate	13.1	0.48	1.0	L-02, V-20
1634-04-4	Methyl tert-Butyl Ether (MTBE)	9.35	0.17	1.0	
108-87-2	Methyl Cyclohexane	9.98	0.13	1.0	
75-09-2	Methylene Chloride	9.94	0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	86.6	1.4	10	
91-20-3	Naphthalene	6.90	0.25	2.0	V-05
103-65-1	n-Propylbenzene	9.75	0.11	1.0	
100-42-5	Styrene	10.0	0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.93	0.10	0.50	
127-18-4	Tetrachloroethylene	9.87	0.17	1.0	
108-88-3	Toluene	9.85	0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.0	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.82	0.19	1.0	
71-55-6	1,1,1-Trichloroethane	9.68	0.14	1.0	
79-00-5	1,1,2-Trichloroethane	9.54	0.18	1.0	
79-01-6	Trichloroethylene	10.4	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.97	0.14	2.0	
96-18-4	1,2,3-Trichloropropane	10.6	0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.39	0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.45	0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.1	0.17	1.0	
75-01-4	Vinyl Chloride	9.84	0.19	2.0	

1 - FORM I
ANALYSIS DATA SHEET
LCS

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Remediation Project: Former RKO Drycleaners - CO 151681
Matrix: Water Laboratory ID: B391460-BS1 File ID: C24V31106.D
Sampled: Prepared: 11/05/24 13:26 Analyzed: 11/06/24 11:44
Solids: Preparation: SW-846 5030B Dilution:
Initial/Final: 5 mL / 5 mL
Batch: B391460 Sequence: S113476 Calibration: 2200537 Instrument: GCMSVOA3
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene	20.7	0.25	2.0	
95-47-6	o-Xylene	10.1	0.16	1.0	
1330-20-7	Xylenes (total)	30.8	1.0	1.0	

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31106.D
 Acq On : 6 Nov 2024 11:44 am
 Operator :
 Sample : B0BS1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 07 07:08:01 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.289	168	217994	30.00	UG/L	0.00
49) 1,4-DIFLUOROBENZENE - ...	5.008	114	313887	30.00	UG/L	0.00
72) CHLOROBENZENE-D5 ISTD	7.841	82	141277	30.00	UG/L	0.00
91) 1,4-DICHLOROBENZENE-D4...	10.136	152	150976	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.559	65	98404	24.06	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	96.24%	
50) TOLUENE SS	6.441	98	289028	23.25	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	93.00%	
73) 4-BROMOFLUOROBENZENE SS	8.996	95	99661	23.79	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	95.16%	
Target Compounds						
					Qvalue	
3) DICHLORODIFLUOROMETHANE	1.129	85	30161	9.56	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.135	51	36315	8.74	UG/L	# 100
5) CHLOROMETHANE	1.241	50	53572	10.39	UG/L	# 29
6) VINYL CHLORIDE	1.310	62	37328	9.84	UG/L	100
7) BROMOMETHANE	1.508	94	28331	12.66	UG/L	99
8) CHLOROETHANE	1.573	64	26783	10.24	UG/L	96
9) FLUORODICHLOROMETHANE	1.698	67	59513	9.75	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.740	101	46286	9.97	UG/L	99
11) ETHANOL	1.863	45	8387	111.33	UG/L	# 87
12) DI ETHYL ETHER	1.935	59	28444	10.54	UG/L	95
13) ACROLEIN	2.030	56	75839	114.10	UG/L	89
14) ACETONE	2.144	43	119480	90.30	UG/L	98
15) 1,1-DICHLOROETHENE	2.100	61	45959	9.73	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.097	101	25769	9.39	UG/L	91
17) IODOMETHANE	2.214	142	412731	104.79	UG/L	99
20) METHYL ACETATE	2.401	43	67384	13.08	UG/L	97
21) T-BUTYL ALCOHOL	2.599	59	37713	72.25	UG/L	# 91
22) ACRYLONITRILE	2.708	53	14984	9.13	UG/L	97
23) METHYLENE CHLORIDE	2.479	49	46428	9.94	UG/L	97
24) CARBON DISULFIDE	2.270	76	829431	91.28	UG/L	100
25) METHYL TERT-BUTYL ETHE...	2.741	73	96017	9.35	UG/L	96
26) TRANS 1,2-DICHLOROETHENE	2.727	61	43265	9.64	UG/L	96
27) 1,1-DICHLOROETHANE	3.143	63	56118	9.80	UG/L	96
28) VINYL ACETATE	3.215	43	849751	89.09	UG/L	100
29) DI ISOPROYL ETHER	3.237	45	119829	10.58	UG/L	98
31) 2-BUTANONE	3.781	43	185711	97.02	UG/L	97
32) T-BUTYL ETHYL ETHER	3.617	59	93121	9.26	UG/L	99
33) CIS-1,2-DICHLOROETHENE	3.739	61	51594	10.34	UG/L	95
34) 2,2-DICHLOROPROPANE	3.739	77	36613	8.28	UG/L	93
35) ETHYL ACETATE	3.848	43	37593	7.95	UG/L	96
38) BROMOCHLOROMETHANE	3.976	49	31659	11.49	UG/L	98
39) TETRAHYDROFURAN	4.054	42	13125	9.63	UG/L	93
40) CHLOROFORM	4.066	83	55564	10.07	UG/L	96
41) 1,1,1-TRICHLOROETHANE	4.241	97	44470	9.68	UG/L	95
42) CYCLOHEXANE	4.294	56	51283	9.97	UG/L	93
43) CARBON TETRACHLORIDE	4.409	117	36465	9.50	UG/L	97
44) 1,1-DICHLOROPROPENE	4.409	75	40100	10.08	UG/L	95
45) BENZENE	4.612	78	128395	10.60	UG/L	97
48) T-AMYL METHYL ETHER	4.754	73	79725	8.36	UG/L	97
51) 1,2-DICHLOROETHANE	4.637	62	46728	10.44	UG/L	98
52) TRICHLOROETHENE	5.251	95	30060	10.38	UG/L	96
53) METHYLCYCLOHEXANE	5.435	83	34534	9.98	UG/L	95
54) 1,2-DICHLOROPROPANE	5.474	63	32015	9.99	UG/L	# 98

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31106.D
 Acq On : 6 Nov 2024 11:44 am
 Operator :
 Sample : B0BS1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Inst : GCMSVOA3

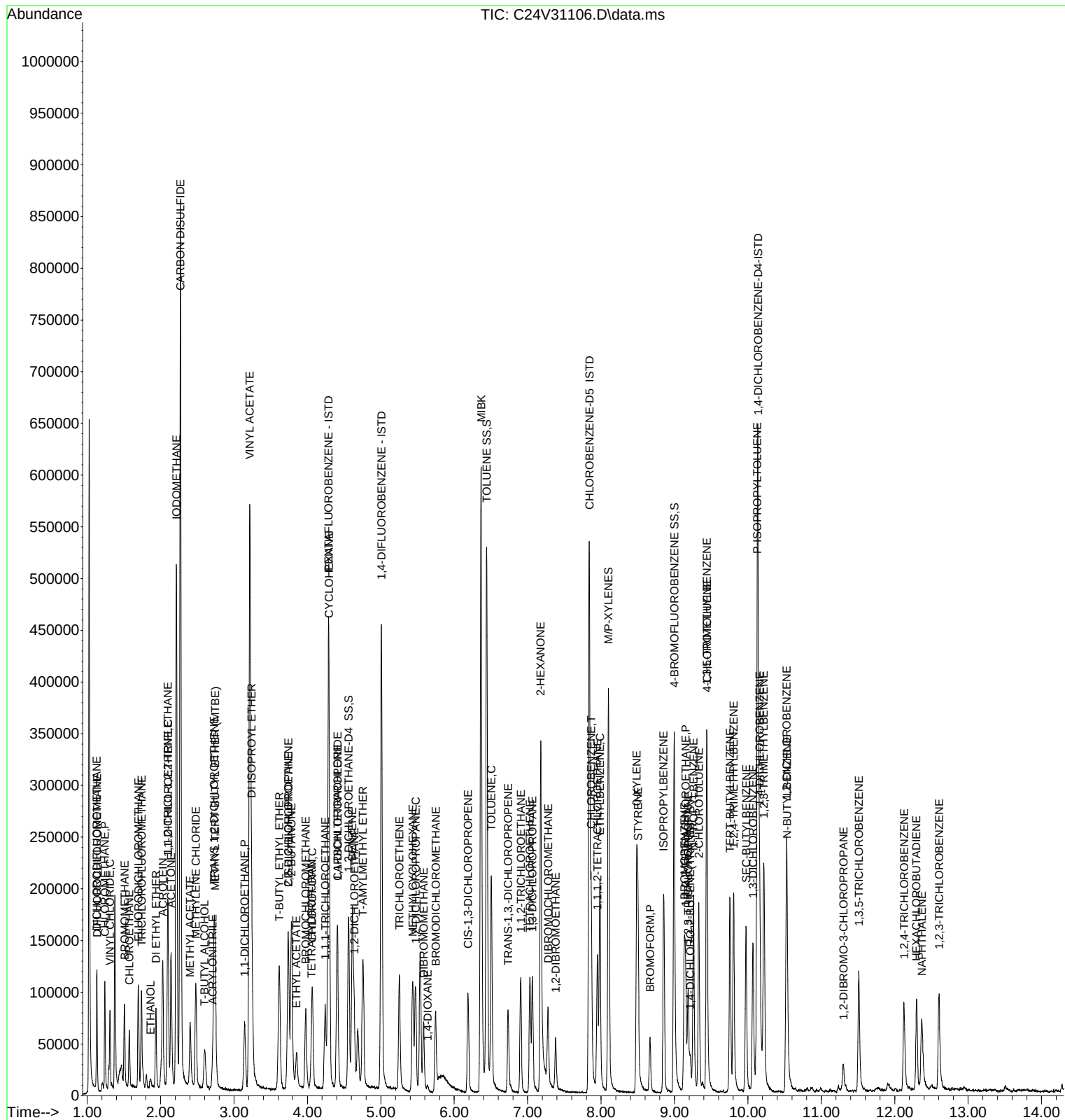
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 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) DIBROMOMETHANE	5.583	93	20324	9.73	UG/L	99
58) 1,4-DIOXANE	5.636	88	3470	70.09	UG/L #	69
59) BROMODICHLOROMETHANE	5.747	83	40575	9.84	UG/L	96
61) MIBK	6.366	43	372475	86.57	UG/L	99
62) CIS-1,3-DICHLOROPROPENE	6.188	75	44056	8.89	UG/L	95
63) TOLUENE	6.506	91	123191	9.85	UG/L	98
64) TRANS-1,3,-DICHLOROPRO...	6.734	75	35427	8.30	UG/L	95
66) 1,1,2-TRICHLOROETHANE	6.907	97	27907	9.54	UG/L	94
67) 2-HEXANONE	7.178	43	222784	74.88	UG/L	99
68) TETRACHLOROETHENE	7.030	166	28992	9.87	UG/L	97
69) 1,3-DICHLOROPROPANE	7.063	76	49304	9.47	UG/L	98
70) DIBROMOCHLOROMETHANE	7.278	129	32296	9.18	UG/L	95
71) 1,2-DIBROMOETHANE	7.381	107	29285	9.35	UG/L	96
74) CHLOROBENZENE	7.864	112	83789	11.29	UG/L	97
75) 1,1,1,2-TETRACHLOROETHANE	7.950	131	29300	10.65	UG/L	97
76) ETHYLBENZENE	7.984	91	121889	10.15	UG/L	96
77) M/P-XYLENES	8.101	91	194279	20.73	UG/L	98
78) O-XYLENE	8.486	91	99300	10.07	UG/L	97
79) STYRENE	8.502	104	79465	10.03	UG/L	98
80) BROMOFORM	8.667	173	20423	8.28	UG/L #	97
81) ISOPROPYLBENZENE	8.851	105	109045	9.67	UG/L	99
83) 1,1,2,2-TETRACHLOROETHANE	9.149	83	42927	9.93	UG/L	94
84) 1,4-DICHLORO-2-BUTENE(...	9.213	53	5738	5.08	UG/L	91
85) BROMOBENZENE	9.133	77	49237	10.00	UG/L	96
86) 1,2,3-TRICHLOROPROPANE	9.186	75	37707	10.64	UG/L	93
87) N-PROPYLBENZENE	9.261	91	122925	9.75	UG/L	99
88) 2-CHLOROTOLUENE	9.333	91	85671	10.42	UG/L	100
89) 1,3,5-TRIMETHYLBENZENE	9.439	105	93018	10.06	UG/L	98
90) 4-CHLOROTOLUENE	9.442	91	94050	10.06	UG/L	97
92) TERT-BUTYLBENZENE	9.754	119	75069	9.28	UG/L	98
93) 1,2,4-TRIMETHYLBENZENE	9.805	105	93940	9.45	UG/L	97
94) SEC-BUTYLBENZENE	9.975	105	98912	9.17	UG/L	98
95) 1,3-DICHLOROBENZENE	10.067	146	61061	10.17	UG/L	98
96) P-ISOPROPYLTOLUENE	10.125	119	85734	9.25	UG/L	98
97) 1,4-DICHLOROBENZENE	10.159	146	61834	9.67	UG/L	99
98) 1,2,3-TRIMETHYLBENZENE	10.215	105	109071	9.90	UG/L #	100
99) N-BUTYLBENZENE	10.535	91	71161	9.12	UG/L	93
100) 1,2-DICHLOROBENZENE	10.527	146	62533	10.24	UG/L	99
101) 1,2-DIBROMO-3-CHLOROPR...	11.302	75	7044	8.49	UG/L	80
102) 1,3,5-TRICHLOROBENZENE	11.511	180	39918	10.70	UG/L	97
103) 1,2,4-TRICHLOROBENZENE	12.128	180	30152	8.82	UG/L	99
104) HEXACHLOROBUTADIENE	12.295	225	17611	12.27	UG/L	99
105) NAPHTHALENE	12.370	128	70705	6.90	UG/L	97
106) 1,2,3-TRICHLOROBENZENE	12.604	180	33434	10.01	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

430

Quant Time: Nov 07 07:08:01 2024
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Jan 10 12:13:53 2024
Response via : Initial Calibration



1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391460-BSD1
		File ID:	C24V31107.D
Sampled:		Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 12:11
Solids:		Preparation:	SW-846 5030B
		Dilution:	
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	100	2.0	50	
71-43-2	Benzene	10.5	0.14	1.0	
74-97-5	Bromochloromethane	12.0	0.32	1.0	
75-27-4	Bromodichloromethane	10.4	0.19	0.50	
75-25-2	Bromoform	8.18	0.30	1.0	
74-83-9	Bromomethane	14.0	1.5	2.0	V-20
78-93-3	2-Butanone (MEK)	106	1.4	20	
104-51-8	n-Butylbenzene	8.83	0.16	1.0	
135-98-8	sec-Butylbenzene	9.38	0.16	1.0	
98-06-6	tert-Butylbenzene	9.04	0.17	1.0	
75-15-0	Carbon Disulfide	104	1.5	5.0	
56-23-5	Carbon Tetrachloride	9.70	0.19	5.0	
108-90-7	Chlorobenzene	10.9	0.18	1.0	
124-48-1	Chlorodibromomethane	9.81	0.13	0.50	
75-00-3	Chloroethane	10.9	0.46	2.0	
67-66-3	Chloroform	10.1	0.19	2.0	
74-87-3	Chloromethane	11.2	0.50	2.0	
110-82-7	Cyclohexane	9.62	1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	7.68	0.63	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)	9.77	0.13	0.50	
95-50-1	1,2-Dichlorobenzene	10.4	0.17	1.0	
541-73-1	1,3-Dichlorobenzene	10.3	0.15	1.0	
106-46-7	1,4-Dichlorobenzene	9.37	0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	10.1	0.20	2.0	
75-34-3	1,1-Dichloroethane	10.9	0.15	1.0	
107-06-2	1,2-Dichloroethane	10.9	0.13	1.0	
75-35-4	1,1-Dichloroethylene	10.8	0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.2	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.5	0.16	1.0	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391460-BSD1
		File ID:	C24V31107.D
Sampled:		Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 12:11
Solids:		Preparation:	SW-846 5030B
		Dilution:	
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	10.0	0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene	9.74	0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene	9.15	0.14	0.50	
100-41-4	Ethylbenzene	10.1	0.14	1.0	
591-78-6	2-Hexanone (MBK)	88.1	1.3	10	
98-82-8	Isopropylbenzene (Cumene)	9.54	0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	9.33	0.16	1.0	
79-20-9	Methyl Acetate	13.9	0.48	1.0	L-02, V-20
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.0	0.17	1.0	
108-87-2	Methyl Cyclohexane	10.0	0.13	1.0	
75-09-2	Methylene Chloride	11.0	0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	92.6	1.4	10	
91-20-3	Naphthalene	5.86	0.25	2.0	V-05
103-65-1	n-Propylbenzene	9.82	0.11	1.0	
100-42-5	Styrene	9.53	0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.47	0.10	0.50	
127-18-4	Tetrachloroethylene	10.8	0.17	1.0	
108-88-3	Toluene	10.8	0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.94	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.18	0.19	1.0	
71-55-6	1,1,1-Trichloroethane	10.0	0.14	1.0	
79-00-5	1,1,2-Trichloroethane	10.4	0.18	1.0	
79-01-6	Trichloroethylene	10.3	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	11.0	0.14	2.0	
96-18-4	1,2,3-Trichloropropane	10.6	0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.50	0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.1	0.17	1.0	
75-01-4	Vinyl Chloride	10.6	0.19	2.0	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Remediation Project: Former RKO Drycleaners - CO 151681
Matrix: Water Laboratory ID: B391460-BSD1 File ID: C24V31107.D
Sampled: Prepared: 11/05/24 13:26 Analyzed: 11/06/24 12:11
Solids: Preparation: SW-846 5030B Dilution:
Initial/Final: 5 mL / 5 mL
Batch: B391460 Sequence: S113476 Calibration: 2200537 Instrument: GCMSVOA3
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene	20.1	0.25	2.0	
95-47-6	o-Xylene	9.98	0.16	1.0	
1330-20-7	Xylenes (total)	30.1	1.0	1.0	

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31107.D
 Acq On : 6 Nov 2024 12:11 pm
 Operator :
 Sample : B0BSD1
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 07 07:08:31 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.289	168	206885	30.00	UG/L	0.00
49) 1,4-DIFLUOROBENZENE - ...	5.005	114	291630	30.00	UG/L	0.00
72) CHLOROBENZENE-D5 ISTD	7.836	82	143591	30.00	UG/L	0.00
91) 1,4-DICHLOROBENZENE-D4...	10.134	152	150920	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.559	65	98396	25.35	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.40%	
50) TOLUENE SS	6.441	98	295285	25.57	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	102.28%	
73) 4-BROMOFLUOROBENZENE SS	8.996	95	99828	23.45	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	93.80%	
Target Compounds						
					Qvalue	
3) DICHLORODIFLUOROMETHANE	1.129	85	30349	10.14	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.135	51	37456	9.49	UG/L	# 100
5) CHLOROMETHANE	1.241	50	54550	11.15	UG/L	# 24
6) VINYL CHLORIDE	1.310	62	38198	10.61	UG/L	97
7) BROMOMETHANE	1.508	94	29823	14.04	UG/L	100
8) CHLOROETHANE	1.573	64	27020	10.88	UG/L	95
9) FLUORODICHLOROMETHANE	1.695	67	61655	10.64	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.740	101	48405	10.98	UG/L	98
11) ETHANOL	1.863	45	9204	128.74	UG/L	89
12) DI ETHYL ETHER	1.938	59	29056	11.35	UG/L	97
13) ACROLEIN	2.030	56	79409	125.89	UG/L	87
14) ACETONE	2.144	43	126183	100.49	UG/L	97
15) 1,1-DICHLOROETHENE	2.097	61	48394	10.79	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.097	101	26156	10.05	UG/L	89
17) IODOMETHANE	2.214	142	421736	112.83	UG/L	98
20) METHYL ACETATE	2.404	43	67904	13.89	UG/L	97
21) T-BUTYL ALCOHOL	2.604	59	39426	79.59	UG/L	# 95
22) ACRYLONITRILE	2.710	53	15832	10.16	UG/L	# 58
23) METHYLENE CHLORIDE	2.479	49	48874	11.03	UG/L	98
24) CARBON DISULFIDE	2.270	76	892586	103.51	UG/L	99
25) METHYL TERT-BUTYL ETHE...	2.741	73	97513	10.01	UG/L	96
26) TRANS 1,2-DICHLOROETHENE	2.724	61	44911	10.54	UG/L	98
27) 1,1-DICHLOROETHANE	3.143	63	59068	10.87	UG/L	98
28) VINYL ACETATE	3.218	43	879417	97.15	UG/L	100
29) DI ISOPROYL ETHER	3.240	45	122889	11.43	UG/L	98
31) 2-BUTANONE	3.784	43	193035	106.27	UG/L	97
32) T-BUTYL ETHYL ETHER	3.617	59	96911	10.16	UG/L	99
33) CIS-1,2-DICHLOROETHENE	3.739	61	52937	11.18	UG/L	96
34) 2,2-DICHLOROPROPANE	3.736	77	37795	9.00	UG/L	93
35) ETHYL ACETATE	3.854	43	41348	9.22	UG/L	100
38) BROMOCHLOROMETHANE	3.979	49	31454	12.02	UG/L	98
39) TETRAHYDROFURAN	4.054	42	11879	9.18	UG/L	# 80
40) CHLOROFORM	4.066	83	52914	10.11	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.241	97	43784	10.04	UG/L	92
42) CYCLOHEXANE	4.291	56	46964	9.62	UG/L	92
43) CARBON TETRACHLORIDE	4.403	117	35324	9.70	UG/L	97
44) 1,1-DICHLOROPROPENE	4.406	75	36935	9.78	UG/L	97
45) BENZENE	4.612	78	120846	10.51	UG/L	99
48) T-AMYL METHYL ETHER	4.760	73	72133	7.97	UG/L	96
51) 1,2-DICHLOROETHANE	4.637	62	45479	10.94	UG/L	99
52) TRICHLOROETHANE	5.248	95	27727	10.30	UG/L	99
53) METHYLCYCLOHEXANE	5.438	83	32266	10.03	UG/L	95
54) 1,2-DICHLOROPROPANE	5.471	63	29824	10.02	UG/L	95

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31107.D
 Acq On : 6 Nov 2024 12:11 pm
 Operator :
 Sample : B0BSD1
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Inst : GCMSVOA3

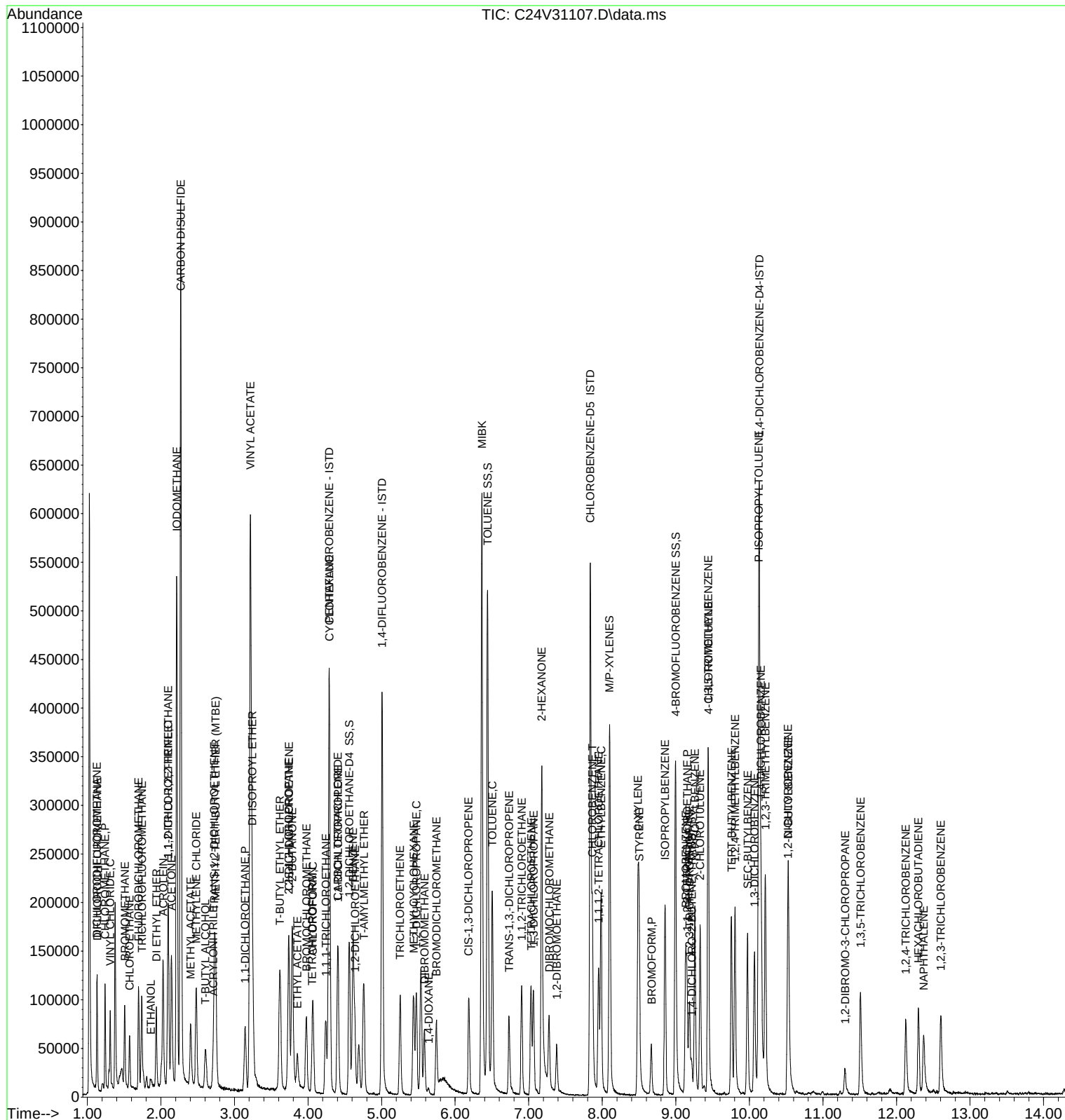
Quant Time: Nov 07 07:08:31 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) DIBROMOMETHANE	5.583	93	20270	10.44	UG/L	98
58) 1,4-DIOXANE	5.638	88	3570	77.62	UG/L #	68
59) BROMODICHLOROMETHANE	5.744	83	40005	10.44	UG/L	99
61) MIBK	6.363	43	370248	92.62	UG/L	98
62) CIS-1,3-DICHLOROPROPENE	6.182	75	44845	9.74	UG/L	97
63) TOLUENE	6.506	91	125196	10.78	UG/L	98
64) TRANS-1,3,-DICHLOROPRO...	6.734	75	36299	9.15	UG/L	94
66) 1,1,2-TRICHLOROETHANE	6.904	97	28269	10.40	UG/L	94
67) 2-HEXANONE	7.178	43	243520	88.10	UG/L	93
68) TETRACHLOROETHENE	7.035	166	29583	10.84	UG/L	97
69) 1,3-DICHLOROPROPANE	7.066	76	48120	9.95	UG/L	100
70) DIBROMOCHLOROMETHANE	7.278	129	32076	9.81	UG/L	97
71) 1,2-DIBROMOETHANE	7.381	107	28419	9.77	UG/L	97
74) CHLOROBENZENE	7.866	112	82435	10.93	UG/L	96
75) 1,1,1,2-TETRACHLOROETHANE	7.950	131	29551	10.56	UG/L	97
76) ETHYLBENZENE	7.984	91	122933	10.08	UG/L	98
77) M/P-XYLENES	8.098	91	191652	20.12	UG/L	100
78) O-XYLENE	8.486	91	100034	9.98	UG/L	96
79) STYRENE	8.502	104	76738	9.53	UG/L	98
80) BROMOFORM	8.670	173	20495	8.18	UG/L #	97
81) ISOPROPYLBENZENE	8.854	105	109339	9.54	UG/L	98
83) 1,1,2,2-TETRACHLOROETHANE	9.152	83	41615	9.47	UG/L	97
84) 1,4-DICHLORO-2-BUTENE(...	9.216	53	6003	5.23	UG/L #	84
85) BROMOBENZENE	9.133	77	49504	9.90	UG/L	97
86) 1,2,3-TRICHLOROPROPANE	9.185	75	38221	10.61	UG/L	91
87) N-PROPYLBENZENE	9.258	91	125926	9.82	UG/L	97
88) 2-CHLOROTOLUENE	9.330	91	80456	9.63	UG/L	97
89) 1,3,5-TRIMETHYLBENZENE	9.439	105	94655	10.07	UG/L	98
90) 4-CHLOROTOLUENE	9.442	91	93496	9.84	UG/L	99
92) TERT-BUTYLBENZENE	9.757	119	73054	9.04	UG/L	96
93) 1,2,4-TRIMETHYLBENZENE	9.805	105	94374	9.50	UG/L	99
94) SEC-BUTYLBENZENE	9.975	105	101132	9.38	UG/L	95
95) 1,3-DICHLOROBENZENE	10.069	146	61642	10.27	UG/L	97
96) P-ISOPROPYLTOLUENE	10.125	119	86501	9.33	UG/L	97
97) 1,4-DICHLOROBENZENE	10.156	146	59879	9.37	UG/L	94
98) 1,2,3-TRIMETHYLBENZENE	10.217	105	108592	9.86	UG/L #	100
99) N-BUTYLBENZENE	10.532	91	68808	8.83	UG/L	95
100) 1,2-DICHLOROBENZENE	10.521	146	63371	10.38	UG/L	99
101) 1,2-DIBROMO-3-CHLOROPR...	11.302	75	6369	7.68	UG/L	90
102) 1,3,5-TRICHLOROBENZENE	11.511	180	38823	10.41	UG/L	98
103) 1,2,4-TRICHLOROBENZENE	12.125	180	27946	8.18	UG/L	98
104) HEXACHLOROBUTADIENE	12.298	225	17282	12.04	UG/L	97
105) NAPHTHALENE	12.370	128	59983	5.86	UG/L	99
106) 1,2,3-TRICHLOROBENZENE	12.602	180	29855	8.94	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 07 07:08:31 2024
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Jan 10 12:13:53 2024
Response via : Initial Calibration



1 - FORM I

ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391460-MS1
		File ID:	C24V31129.D
Sampled:		Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 21:59
Solids:		Preparation:	SW-846 5030B
		Dilution:	
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	94.6	2.0	50	
71-43-2	Benzene	9.42	0.14	1.0	
74-97-5	Bromochloromethane	10.2	0.32	1.0	
75-27-4	Bromodichloromethane	9.39	0.19	0.50	
75-25-2	Bromoform	7.23	0.30	1.0	
74-83-9	Bromomethane	13.2	1.5	2.0	MS-22, V-20
78-93-3	2-Butanone (MEK)	89.4	1.4	20	
104-51-8	n-Butylbenzene	6.24	0.16	1.0	MS-24
135-98-8	sec-Butylbenzene	7.48	0.16	1.0	
98-06-6	tert-Butylbenzene	7.56	0.17	1.0	
75-15-0	Carbon Disulfide	95.6	1.5	5.0	
56-23-5	Carbon Tetrachloride	9.27	0.19	5.0	
108-90-7	Chlorobenzene	9.25	0.18	1.0	
124-48-1	Chlorodibromomethane	9.06	0.13	0.50	
75-00-3	Chloroethane	9.94	0.46	2.0	
67-66-3	Chloroform	9.19	0.19	2.0	
74-87-3	Chloromethane	11.4	0.50	2.0	
110-82-7	Cyclohexane	8.83	1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	6.54	0.63	5.0	MS-09, V-05
106-93-4	1,2-Dibromoethane (EDB)	8.85	0.13	0.50	
95-50-1	1,2-Dichlorobenzene	8.33	0.17	1.0	
541-73-1	1,3-Dichlorobenzene	8.35	0.15	1.0	
106-46-7	1,4-Dichlorobenzene	7.43	0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	9.01	0.20	2.0	
75-34-3	1,1-Dichloroethane	10.2	0.15	1.0	
107-06-2	1,2-Dichloroethane	9.69	0.13	1.0	
75-35-4	1,1-Dichloroethylene	11.1	0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	55.7	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.5	0.16	1.0	

1 - FORM I

ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391460-MS1
		File ID:	C24V31129.D
Sampled:		Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 21:59
Solids:		Preparation:	SW-846 5030B
		Dilution:	
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	8.98	0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene	7.50	0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene	7.25	0.14	0.50	
100-41-4	Ethylbenzene	8.46	0.14	1.0	
591-78-6	2-Hexanone (MBK)	72.8	1.3	10	
98-82-8	Isopropylbenzene (Cumene)	7.83	0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	7.17	0.16	1.0	
79-20-9	Methyl Acetate	10.6	0.48	1.0	L-02, V-20
1634-04-4	Methyl tert-Butyl Ether (MTBE)	8.72	0.17	1.0	
108-87-2	Methyl Cyclohexane	9.04	0.13	1.0	
75-09-2	Methylene Chloride	10.0	0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	80.5	1.4	10	
91-20-3	Naphthalene	1.63	0.25	2.0	3-09, R-06, V-05
103-65-1	n-Propylbenzene	7.84	0.11	1.0	
100-42-5	Styrene	7.63	0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	8.47	0.10	0.50	
127-18-4	Tetrachloroethylene	165	0.17	1.0	MS-24
108-88-3	Toluene	9.47	0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene	4.71	0.22	5.0	MS-09, J
120-82-1	1,2,4-Trichlorobenzene	4.32	0.19	1.0	MS-09, R-06
71-55-6	1,1,1-Trichloroethane	9.19	0.14	1.0	
79-00-5	1,1,2-Trichloroethane	9.81	0.18	1.0	
79-01-6	Trichloroethylene	44.3	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.9	0.14	2.0	
96-18-4	1,2,3-Trichloropropane	8.61	0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.71	0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene	7.29	0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene	8.13	0.17	1.0	
75-01-4	Vinyl Chloride	29.0	0.19	2.0	

1 - FORM I

ANALYSIS DATA SHEET

Matrix Spike

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Remediation Project: Former RKO Drycleaners - CO 151681
Matrix: Water Laboratory ID: B391460-MS1 File ID: C24V31129.D
Sampled: Prepared: 11/05/24 13:26 Analyzed: 11/06/24 21:59
Solids: Preparation: SW-846 5030B Dilution:
Initial/Final: 5 mL / 5 mL
Batch: B391460 Sequence: S113476 Calibration: 2200537 Instrument: GCMSVOA3
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene	16.7	0.25	2.0	
95-47-6	o-Xylene	7.92	0.16	1.0	
1330-20-7	Xylenes (total)	24.6	1.0	1.0	

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31129.D
 Acq On : 6 Nov 2024 9:59 pm
 Operator :
 Sample : 24J4347-05 @ MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 07 07:06:12 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.289	168	175644	30.00	UG/L	0.00
49) 1,4-DIFLUOROBENZENE - ...	5.008	114	248998	30.00	UG/L	0.00
72) CHLOROBENZENE-D5 ISTD	7.839	82	122280	30.00	UG/L	0.00
91) 1,4-DICHLOROBENZENE-D4...	10.137	152	128604	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.556	65	85255	25.87	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	103.48%	
50) TOLUENE SS	6.442	98	256159	25.98	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	103.92%	
73) 4-BROMOFLUOROBENZENE SS	8.996	95	84222	23.23	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	92.92%	
Target Compounds						
3) DICHLORODIFLUOROMETHANE	1.129	85	22907	9.01	UG/L	Qvalue 97
4) DIFLUOROCHLOROMETHANE	1.135	51	29076	8.68	UG/L	# 100
5) CHLOROMETHANE	1.241	50	47139	11.35	UG/L	# 28
6) VINYL CHLORIDE	1.311	62	88552	28.97	UG/L	96
7) BROMOMETHANE	1.509	94	23749	13.17	UG/L	99
8) CHLOROETHANE	1.573	64	20963	9.94	UG/L	98
9) FLUORODICHLOROMETHANE	1.695	67	49420	10.04	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.737	101	40932	10.94	UG/L	96
11) ETHANOL	1.860	45	8095	133.37	UG/L	# 86
12) DI ETHYL ETHER	1.938	59	22775	10.47	UG/L	96
13) ACROLEIN	2.027	56	55971	104.52	UG/L	# 82
14) ACETONE	2.144	43	100902	94.64	UG/L	96
15) 1,1-DICHLOROETHENE	2.097	61	42115	11.06	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	2.097	101	21464	9.71	UG/L	91
17) IODOMETHANE	2.214	142	308458	97.20	UG/L	99
20) METHYL ACETATE	2.406	43	44168	10.64	UG/L	97
21) T-BUTYL ALCOHOL	2.607	59	31597	75.13	UG/L	# 84
22) ACRYLONITRILE	2.713	53	12194	9.22	UG/L	97
23) METHYLENE CHLORIDE	2.479	49	37624	10.00	UG/L	96
24) CARBON DISULFIDE	2.270	76	699979	95.61	UG/L	100
25) METHYL TERT-BUTYL ETHE...	2.744	73	72118	8.72	UG/L	98
26) TRANS 1,2-DICHLOROETHENE	2.724	61	38039	10.51	UG/L	97
27) 1,1-DICHLOROETHANE	3.145	63	47041	10.20	UG/L	98
28) VINYL ACETATE	3.218	43	508091	66.12	UG/L	100
29) DI ISOPROYL ETHER	3.243	45	92889	10.18	UG/L	98
31) 2-BUTANONE	3.790	43	137939	89.44	UG/L	97
32) T-BUTYL ETHYL ETHER	3.617	59	69795	8.62	UG/L	99
33) CIS-1,2-DICHLOROETHENE	3.737	61	223863	55.70	UG/L	98
34) 2,2-DICHLOROPROPANE	3.734	77	21602	6.06	UG/L	# 58
35) ETHYL ACETATE	3.854	43	23009	6.04	UG/L	# 93
38) BROMOCHLOROMETHANE	3.974	49	22634	10.19	UG/L	98
39) TETRAHYDROFURAN	4.060	42	8439	7.68	UG/L	# 89
40) CHLOROFORM	4.066	83	40839	9.19	UG/L	98
41) 1,1,1-TRICHLOROETHANE	4.239	97	34028	9.19	UG/L	91
42) CYCLOHEXANE	4.289	56	36604	8.83	UG/L	90
43) CARBON TETRACHLORIDE	4.403	117	28675	9.27	UG/L	98
44) 1,1-DICHLOROPROPENE	4.409	75	28112	8.77	UG/L	98
45) BENZENE	4.612	78	91981	9.42	UG/L	97
48) T-AMYL METHYL ETHER	4.754	73	48526	6.32	UG/L	# 90
51) 1,2-DICHLOROETHANE	4.637	62	34392	9.69	UG/L	100
52) TRICHLOROETHENE	5.254	95	101786	44.30	UG/L	96
53) METHYLCYCLOHEXANE	5.432	83	24819	9.04	UG/L	97
54) 1,2-DICHLOROPROPANE	5.471	63	22843	8.98	UG/L	# 95

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31129.D
 Acq On : 6 Nov 2024 9:59 pm
 Operator :
 Sample : 24J4347-05 @ MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 07 07:06:12 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

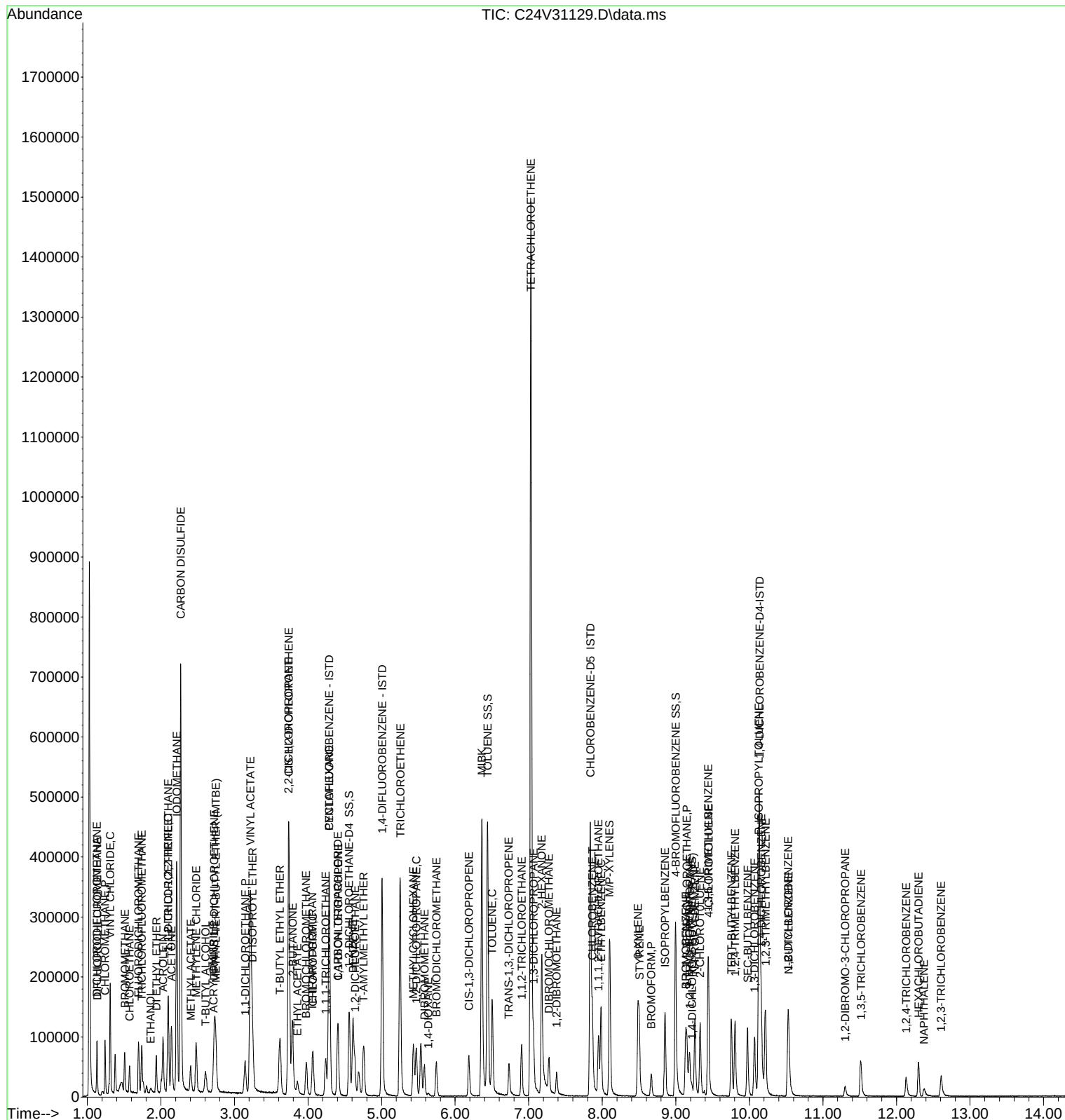
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) DIBROMOMETHANE	5.583	93	15251	9.20	UG/L	99
58) 1,4-DIOXANE	5.633	88	2630	66.97	UG/L #	63
59) BROMODICHLOROMETHANE	5.744	83	30712	9.39	UG/L	97
61) MIBK	6.361	43	274793	80.51	UG/L	97
62) CIS-1,3-DICHLOROPROPENE	6.188	75	29491	7.50	UG/L	100
63) TOLUENE	6.503	91	93911	9.47	UG/L	97
64) TRANS-1,3,-DICHLOROPRO...	6.729	75	24540	7.25	UG/L	94
66) 1,1,2-TRICHLOROETHANE	6.904	97	22768	9.81	UG/L	99
67) 2-HEXANONE	7.178	43	171740	72.77	UG/L	89
68) TETRACHLOROETHENE	7.030	166	384060	164.78	UG/L	99
69) 1,3-DICHLOROPROPANE	7.066	76	38577	9.34	UG/L	99
70) DIBROMOCHLOROMETHANE	7.273	129	25305	9.06	UG/L	94
71) 1,2-DIBROMOETHANE	7.379	107	21988	8.85	UG/L	98
74) CHLOROBENZENE	7.867	112	59460	9.25	UG/L	94
75) 1,1,1,2-TETRACHLOROETHANE	7.947	131	21731	9.12	UG/L	98
76) ETHYLBENZENE	7.984	91	87884	8.46	UG/L	97
77) M/P-XYLENES	8.098	91	135115	16.66	UG/L	99
78) O-XYLENE	8.486	91	67662	7.92	UG/L	98
79) STYRENE	8.505	104	52325	7.63	UG/L	97
80) BROMOFORM	8.664	173	15423	7.23	UG/L	98
81) ISOPROPYLBENZENE	8.854	105	76459	7.83	UG/L	99
83) 1,1,2,2-TETRACHLOROETHANE	9.147	83	31680	8.47	UG/L	100
84) 1,4-DICHLORO-2-BUTENE(...	9.219	53	3439	3.52	UG/L #	72
85) BROMOBENZENE	9.133	77	35692	8.38	UG/L	99
86) 1,2,3-TRICHLOROPROPANE	9.188	75	26408	8.61	UG/L	96
87) N-PROPYLBENZENE	9.261	91	85608	7.84	UG/L	99
88) 2-CHLOROTOLUENE	9.331	91	57273	8.05	UG/L	96
89) 1,3,5-TRIMETHYLBENZENE	9.439	105	65035	8.13	UG/L	97
90) 4-CHLOROTOLUENE	9.445	91	66120	8.17	UG/L	99
92) TERT-BUTYLBENZENE	9.755	119	52056	7.56	UG/L	95
93) 1,2,4-TRIMETHYLBENZENE	9.805	105	61671	7.29	UG/L	99
94) SEC-BUTYLBENZENE	9.975	105	68721	7.48	UG/L	96
95) 1,3-DICHLOROBENZENE	10.070	146	42685	8.35	UG/L	99
96) P-ISOPROPYLTOLUENE	10.125	119	56656	7.17	UG/L	97
97) 1,4-DICHLOROBENZENE	10.162	146	40494	7.43	UG/L	91
98) 1,2,3-TRIMETHYLBENZENE	10.220	105	76180	8.12	UG/L #	100
99) N-BUTYLBENZENE	10.535	91	41483	6.24	UG/L	95
100) 1,2-DICHLOROBENZENE	10.524	146	43350	8.33	UG/L	98
101) 1,2-DIBROMO-3-CHLOROPR...	11.302	75	4622	6.54	UG/L #	76
102) 1,3,5-TRICHLOROBENZENE	11.520	180	23419	7.37	UG/L	99
103) 1,2,4-TRICHLOROBENZENE	12.133	180	12582	4.32	UG/L	96
104) HEXACHLOROBUTADIENE	12.301	225	11728	9.59	UG/L	96
105) NAPHTHALENE	12.373	128	14259	1.63	UG/L #	94
106) 1,2,3-TRICHLOROBENZENE	12.604	180	13408	4.71	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Inst : GCMSV0A3

Quant Time: Nov 07 07:06:12 2024



1 - FORM I

ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391460-MSD1
		File ID:	C24V31130.D
Sampled:		Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 22:26
Solids:		Preparation:	SW-846 5030B
		Dilution:	
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	88.6	2.0	50	
71-43-2	Benzene	9.12	0.14	1.0	
74-97-5	Bromochloromethane	10.4	0.32	1.0	
75-27-4	Bromodichloromethane	9.63	0.19	0.50	
75-25-2	Bromoform	7.39	0.30	1.0	
74-83-9	Bromomethane	12.2	1.5	2.0	V-20
78-93-3	2-Butanone (MEK)	92.8	1.4	20	
104-51-8	n-Butylbenzene	7.52	0.16	1.0	
135-98-8	sec-Butylbenzene	8.37	0.16	1.0	
98-06-6	tert-Butylbenzene	8.01	0.17	1.0	
75-15-0	Carbon Disulfide	91.9	1.5	5.0	
56-23-5	Carbon Tetrachloride	9.30	0.19	5.0	
108-90-7	Chlorobenzene	9.95	0.18	1.0	
124-48-1	Chlorodibromomethane	8.87	0.13	0.50	
75-00-3	Chloroethane	9.63	0.46	2.0	
67-66-3	Chloroform	9.59	0.19	2.0	
74-87-3	Chloromethane	10.0	0.50	2.0	
110-82-7	Cyclohexane	9.78	1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	6.63	0.63	5.0	MS-09, V-05
106-93-4	1,2-Dibromoethane (EDB)	9.12	0.13	0.50	
95-50-1	1,2-Dichlorobenzene	9.34	0.17	1.0	
541-73-1	1,3-Dichlorobenzene	9.37	0.15	1.0	
106-46-7	1,4-Dichlorobenzene	9.19	0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	9.04	0.20	2.0	
75-34-3	1,1-Dichloroethane	9.29	0.15	1.0	
107-06-2	1,2-Dichloroethane	9.77	0.13	1.0	
75-35-4	1,1-Dichloroethylene	9.93	0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	54.0	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.88	0.16	1.0	

1 - FORM I

ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391460-MSD1
		File ID:	C24V31130.D
Sampled:		Prepared:	11/05/24 13:26
		Analyzed:	11/06/24 22:26
Solids:		Preparation:	SW-846 5030B
		Dilution:	
Initial/Final:	5 mL / 5 mL		
Batch:	B391460	Sequence:	S113476
		Calibration:	2200537
		Instrument:	GCMSVOA3
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	9.26	0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene	7.97	0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene	7.58	0.14	0.50	
100-41-4	Ethylbenzene	9.14	0.14	1.0	
591-78-6	2-Hexanone (MBK)	78.0	1.3	10	
98-82-8	Isopropylbenzene (Cumene)	8.37	0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	8.04	0.16	1.0	
79-20-9	Methyl Acetate	10.1	0.48	1.0	L-02, V-20
1634-04-4	Methyl tert-Butyl Ether (MTBE)	8.10	0.17	1.0	
108-87-2	Methyl Cyclohexane	9.95	0.13	1.0	
75-09-2	Methylene Chloride	9.39	0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	84.0	1.4	10	
91-20-3	Naphthalene	3.07	0.25	2.0	MS-09, R-06, V-0
103-65-1	n-Propylbenzene	8.45	0.11	1.0	
100-42-5	Styrene	8.03	0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.01	0.10	0.50	
127-18-4	Tetrachloroethylene	157	0.17	1.0	
108-88-3	Toluene	9.63	0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene	6.34	0.22	5.0	MS-09
120-82-1	1,2,4-Trichlorobenzene	5.85	0.19	1.0	MS-09, R-06
71-55-6	1,1,1-Trichloroethane	9.51	0.14	1.0	
79-00-5	1,1,2-Trichloroethane	9.32	0.18	1.0	
79-01-6	Trichloroethylene	42.1	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.2	0.14	2.0	
96-18-4	1,2,3-Trichloropropane	9.86	0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.29	0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene	8.12	0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene	8.91	0.17	1.0	
75-01-4	Vinyl Chloride	27.6	0.19	2.0	

1 - FORM I

ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Remediation Project: Former RKO Drycleaners - CO 151681
Matrix: Water Laboratory ID: B391460-MSD1 File ID: C24V31130.D
Sampled: Prepared: 11/05/24 13:26 Analyzed: 11/06/24 22:26
Solids: Preparation: SW-846 5030B Dilution:
Initial/Final: 5 mL / 5 mL
Batch: B391460 Sequence: S113476 Calibration: 2200537 Instrument: GCMSVOA3
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene	17.8	0.25	2.0	
95-47-6	o-Xylene	8.35	0.16	1.0	
1330-20-7	Xylenes (total)	26.2	1.0	1.0	

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31130.D
 Acq On : 6 Nov 2024 10:26 pm
 Operator :
 Sample : 24J4347-05 @ MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Inst : GCMSVOA3

Quant Time: Nov 07 07:05:49 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.286	168	198406	30.00	UG/L	0.00
49) 1,4-DIFLUOROBENZENE - ...	5.008	114	260621	30.00	UG/L	0.00
72) CHLOROBENZENE-D5 ISTD	7.839	82	126171	30.00	UG/L	0.00
91) 1,4-DICHLOROBENZENE-D4...	10.134	152	131142	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.559	65	90629	24.34	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.36%	
50) TOLUENE SS	6.442	98	260835	25.27	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.08%	
73) 4-BROMOFLUOROBENZENE SS	8.996	95	87957	23.51	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	94.04%	
Target Compounds						
3) DICHLORODIFLUOROMETHANE	1.126	85	25944	9.04	UG/L	Qvalue 97
4) DIFLUOROCHLOROMETHANE	1.135	51	31737	8.39	UG/L	# 100
5) CHLOROMETHANE	1.241	50	47162	10.05	UG/L	# 26
6) VINYL CHLORIDE	1.310	62	95437	27.64	UG/L	100
7) BROMOMETHANE	1.506	94	24790	12.17	UG/L	98
8) CHLOROETHANE	1.573	64	22938	9.63	UG/L	96
9) FLUORODICHLOROMETHANE	1.698	67	52304	9.41	UG/L	96
10) TRICHLOROFLUOROMETHANE	1.740	101	43109	10.20	UG/L	97
11) ETHANOL	1.868	45	6985	101.88	UG/L	# 90
12) DI ETHYL ETHER	1.935	59	23697	9.65	UG/L	95
13) ACROLEIN	2.030	56	57854	95.64	UG/L	83
14) ACETONE	2.144	43	106745	88.64	UG/L	98
15) 1,1-DICHLOROETHENE	2.100	61	42720	9.93	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.094	101	23188	9.29	UG/L	94
17) IODOMETHANE	2.214	142	346069	96.54	UG/L	98
20) METHYL ACETATE	2.404	43	47162	10.06	UG/L	97
21) T-BUTYL ALCOHOL	2.604	59	34507	72.64	UG/L	# 89
22) ACRYLONITRILE	2.708	53	13361	8.94	UG/L	98
23) METHYLENE CHLORIDE	2.479	49	39898	9.39	UG/L	97
24) CARBON DISULFIDE	2.270	76	759889	91.88	UG/L	99
25) METHYL TERT-BUTYL ETHE...	2.741	73	75704	8.10	UG/L	98
26) TRANS 1,2-DICHLOROETHENE	2.724	61	40390	9.88	UG/L	96
27) 1,1-DICHLOROETHANE	3.140	63	48392	9.29	UG/L	98
28) VINYL ACETATE	3.215	43	517310	59.59	UG/L	100
29) DI ISOPROYL ETHER	3.240	45	97207	9.43	UG/L	99
31) 2-BUTANONE	3.787	43	161666	92.80	UG/L	97
32) T-BUTYL ETHYL ETHER	3.614	59	72180	7.89	UG/L	98
33) CIS-1,2-DICHLOROETHENE	3.737	61	245006	53.97	UG/L	98
34) 2,2-DICHLOROPROPANE	3.737	77	24969	6.20	UG/L	# 63
35) ETHYL ACETATE	3.854	43	26193	6.09	UG/L	# 80
38) BROMOCHLOROMETHANE	3.976	49	26213	10.45	UG/L	99
39) TETRAHYDROFURAN	4.052	42	11614	9.36	UG/L	97
40) CHLOROFORM	4.063	83	48151	9.59	UG/L	96
41) 1,1,1-TRICHLOROETHANE	4.244	97	39756	9.51	UG/L	95
42) CYCLOHEXANE	4.292	56	45794	9.78	UG/L	92
43) CARBON TETRACHLORIDE	4.403	117	32477	9.30	UG/L	99
44) 1,1-DICHLOROPROPENE	4.409	75	33784	9.33	UG/L	96
45) BENZENE	4.609	78	100604	9.12	UG/L	98
48) T-AMYL METHYL ETHER	4.757	73	55321	6.37	UG/L	# 92
51) 1,2-DICHLOROETHANE	4.637	62	36289	9.77	UG/L	98
52) TRICHLOROETHENE	5.251	95	101150	42.06	UG/L	97
53) METHYLCYCLOHEXANE	5.435	83	28591	9.95	UG/L	95
54) 1,2-DICHLOROPROPANE	5.468	63	24652	9.26	UG/L	# 94

Data Path : C:\msdchem\1\data\C110624\
 Data File : C24V31130.D
 Acq On : 6 Nov 2024 10:26 pm
 Operator :
 Sample : 24J4347-05 @ MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Inst : GCMSVOA3

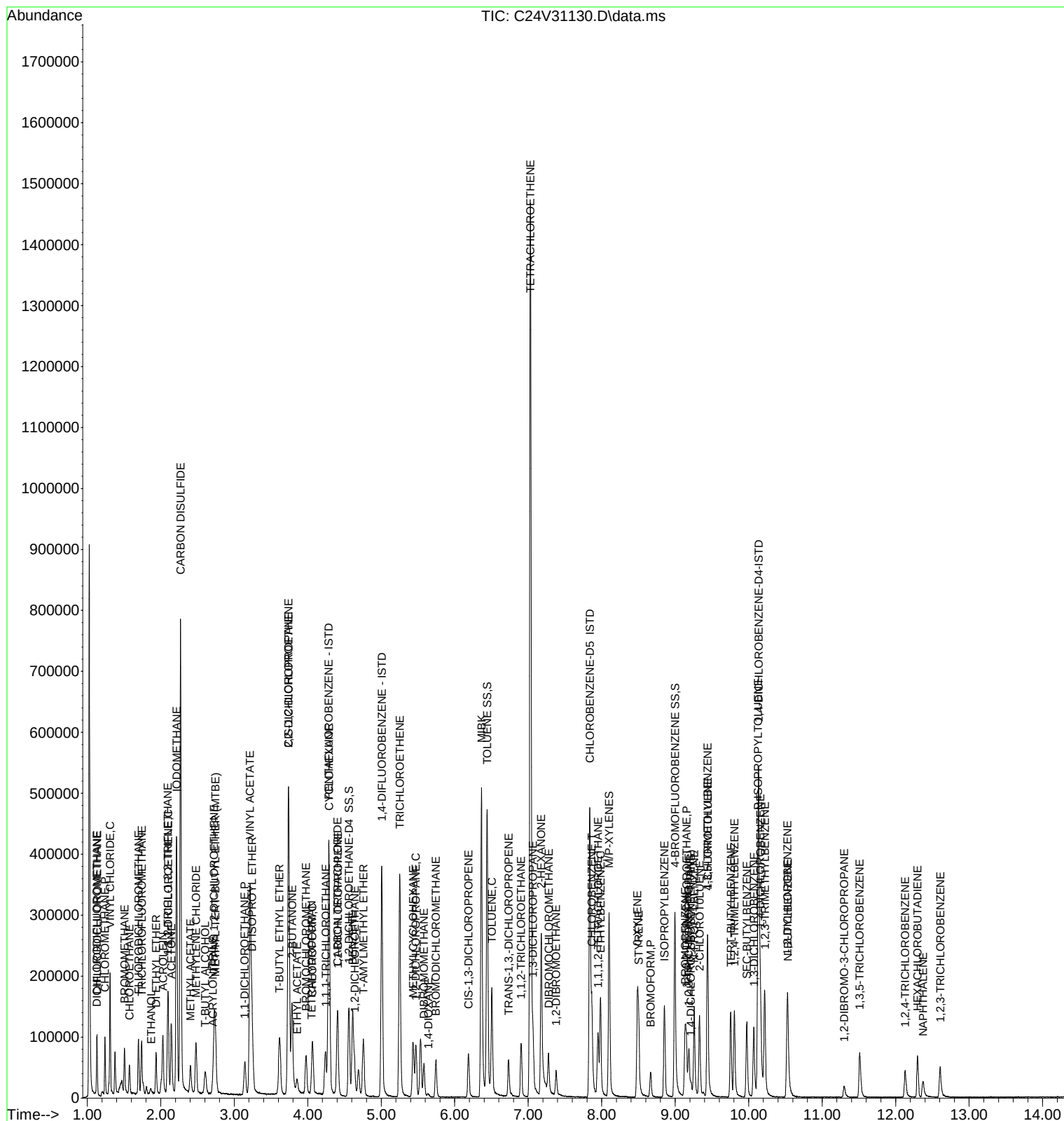
Quant Time: Nov 07 07:05:49 2024
 Quant Method : C:\msdchem\1\methods\C080822.M
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
 QLast Update : Wed Jan 10 12:13:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) DIBROMOMETHANE	5.580	93	16734	9.65	UG/L	94
58) 1,4-DIOXANE	5.638	88	2873	69.89	UG/L #	62
59) BROMODICHLOROMETHANE	5.742	83	32974	9.63	UG/L	95
61) MIBK	6.363	43	300188	84.03	UG/L	97
62) CIS-1,3-DICHLOROPROPENE	6.188	75	32782	7.97	UG/L	98
63) TOLUENE	6.506	91	99945	9.63	UG/L	98
64) TRANS-1,3,-DICHLOROPRO...	6.734	75	26865	7.58	UG/L	94
66) 1,1,2-TRICHLOROETHANE	6.902	97	22635	9.32	UG/L	95
67) 2-HEXANONE	7.178	43	192557	77.95	UG/L	90
68) TETRACHLOROETHENE	7.030	166	382086	156.63	UG/L	98
69) 1,3-DICHLOROPROPANE	7.063	76	41562	9.62	UG/L	98
70) DIBROMOCHLOROMETHANE	7.278	129	25922	8.87	UG/L	100
71) 1,2-DIBROMOETHANE	7.379	107	23716	9.12	UG/L	100
74) CHLOROBENZENE	7.864	112	65991	9.95	UG/L	95
75) 1,1,1,2-TETRACHLOROETHANE	7.950	131	23273	9.47	UG/L	97
76) ETHYLBENZENE	7.984	91	97985	9.14	UG/L	96
77) M/P-XYLENES	8.101	91	149383	17.85	UG/L	97
78) O-XYLENE	8.486	91	73588	8.35	UG/L	98
79) STYRENE	8.502	104	56866	8.03	UG/L	98
80) BROMOFORM	8.664	173	16262	7.39	UG/L #	97
81) ISOPROPYLBENZENE	8.854	105	84330	8.37	UG/L	98
83) 1,1,2,2-TETRACHLOROETHANE	9.152	83	34767	9.01	UG/L	94
84) 1,4-DICHLORO-2-BUTENE(...	9.211	53	4356	4.32	UG/L	91
85) BROMOBENZENE	9.133	77	37925	8.63	UG/L	95
86) 1,2,3-TRICHLOROPROPANE	9.183	75	31211	9.86	UG/L	91
87) N-PROPYLBENZENE	9.258	91	95189	8.45	UG/L	99
88) 2-CHLOROTOLUENE	9.333	91	63483	8.64	UG/L	95
89) 1,3,5-TRIMETHYLBENZENE	9.439	105	73550	8.91	UG/L	98
90) 4-CHLOROTOLUENE	9.442	91	72818	8.72	UG/L	98
92) TERT-BUTYLBENZENE	9.757	119	56285	8.01	UG/L	95
93) 1,2,4-TRIMETHYLBENZENE	9.805	105	70085	8.12	UG/L	97
94) SEC-BUTYLBENZENE	9.972	105	78401	8.37	UG/L	99
95) 1,3-DICHLOROBENZENE	10.072	146	48867	9.37	UG/L	99
96) P-ISOPROPYLTOLUENE	10.125	119	64742	8.04	UG/L	97
97) 1,4-DICHLOROBENZENE	10.159	146	51048	9.19	UG/L	99
98) 1,2,3-TRIMETHYLBENZENE	10.220	105	84425	8.82	UG/L #	100
99) N-BUTYLBENZENE	10.535	91	50913	7.52	UG/L	94
100) 1,2-DICHLOROBENZENE	10.524	146	49530	9.34	UG/L	99
101) 1,2-DIBROMO-3-CHLOROPR...	11.299	75	4781	6.63	UG/L #	69
102) 1,3,5-TRICHLOROBENZENE	11.509	180	27460	8.47	UG/L	98
103) 1,2,4-TRICHLOROBENZENE	12.128	180	17368	5.85	UG/L	96
104) HEXACHLOROBUTADIENE	12.298	225	14178	11.37	UG/L	94
105) NAPHTHALENE	12.373	128	27327	3.07	UG/L #	88
106) 1,2,3-TRICHLOROBENZENE	12.607	180	18386	6.34	UG/L	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 07 07:05:49 2024
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Jan 10 12:13:53 2024
Response via : Initial Calibration



1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391625-BLK1
		File ID:	B24V31211.D
Sampled:		Prepared:	11/07/24 05:32
		Analyzed:	11/07/24 11:13
Solids:		Preparation:	SW-846 5030B
		Dilution:	
Initial/Final:	5 mL / 5 mL		
Batch:	B391625	Sequence:	S113570
		Calibration:	2301046
		Instrument:	GCMSVOA2
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide		1.5	5.0	
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	V-05
110-82-7	Cyclohexane		1.8	5.0	V-05
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.16	1.0	

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391625-BLK1
		File ID:	B24V31211.D
Sampled:		Prepared:	11/07/24 05:32
		Analyzed:	11/07/24 11:13
Solids:		Preparation:	SW-846 5030B
Initial/Final:	5 mL / 5 mL	Dilution:	
Batch:	B391625	Sequence:	S113570
		Calibration:	2301046
		Instrument:	GCMSVOA2
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene		0.14	1.0	
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene		0.25	2.0	
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride		0.19	2.0	

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Remediation Project: Former RKO Drycleaners - CO 151681
Matrix: Water Laboratory ID: B391625-BLK1 File ID: B24V31211.D
Sampled: Prepared: 11/07/24 05:32 Analyzed: 11/07/24 11:13
Solids: Preparation: SW-846 5030B Dilution:
Initial/Final: 5 mL / 5 mL
Batch: B391625 Sequence: S113570 Calibration: 2301046 Instrument: GCMSVOA2
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene		0.25	2.0	
95-47-6	o-Xylene		0.16	1.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\B110724\
 Data File : B24V31211.D
 Acq On : 7 Nov 2024 11:13 am
 Operator :
 Sample : B0-BLK1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Nov 08 09:52:33 2024
 Quant Method : C:\msdchem\1\methods\B082223W.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Nov 08 09:51:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

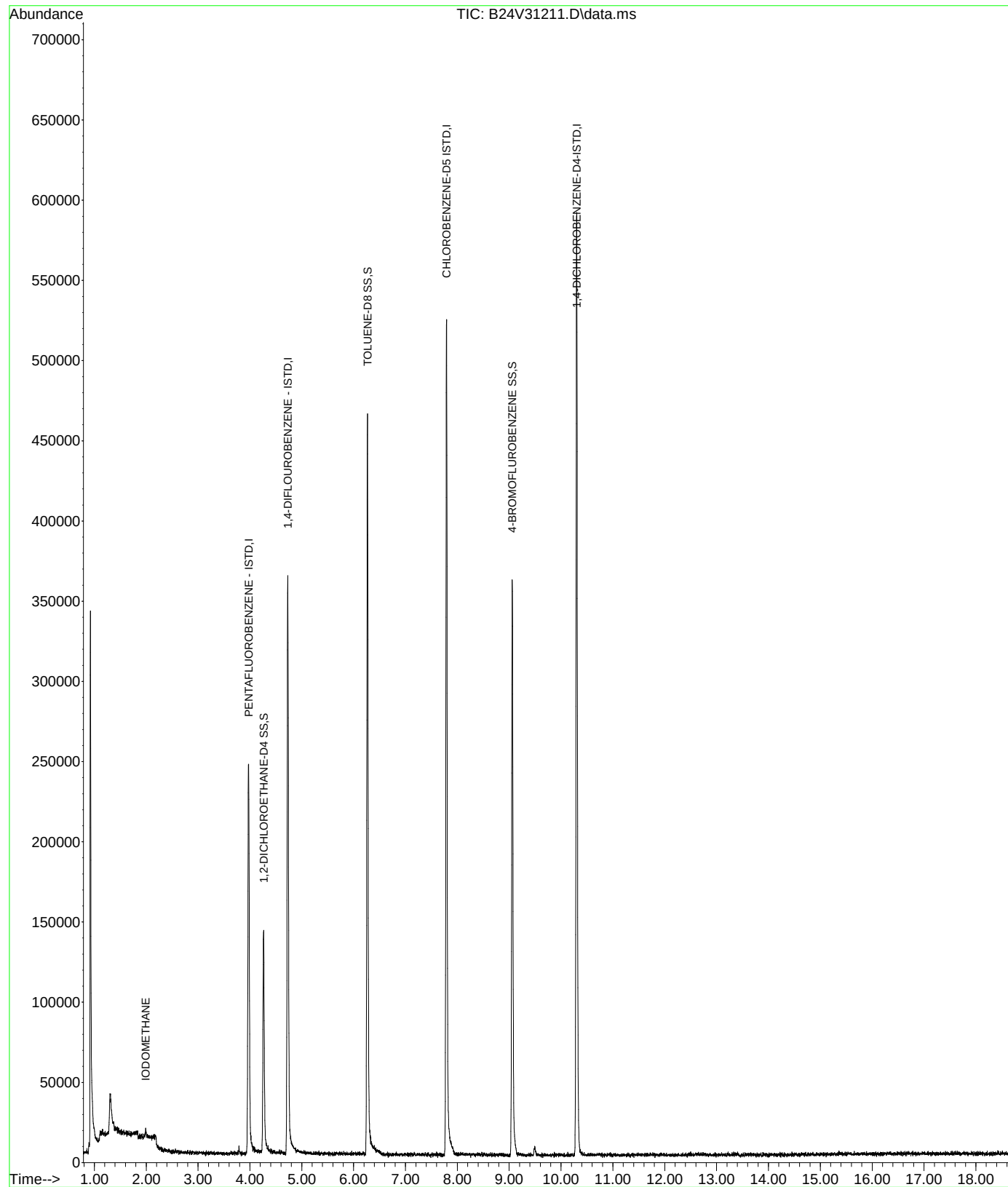
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.974	168	160189	30.00	UG/L	0.00	
44) 1,4-DIFLUOROBENZENE - ...	4.730	114	269866	30.00	UG/L	0.00	
65) CHLOROBENZENE-D5 ISTD	7.789	82	162374	30.00	UG/L	0.00	
84) 1,4-DICHLOROBENZENE-D4...	10.305	152	164879	30.00	UG/L	0.00	
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	102191	30.67	UG/L	0.00	
Spiked Amount 25.000	Range 70 - 130		Recovery	=	122.68%		
45) TOLUENE-D8 SS	6.267	98	298552	26.30	UG/L	0.00	
Spiked Amount 25.000	Range 70 - 130		Recovery	=	105.20%		
66) 4-BROMOFLUROBENZENE SS	9.058	95	125262	24.28	UG/L	0.00	
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.12%		
Target Compounds							Qvalue
17) IODOMETHANE	1.989	142	3183	0.97	UG/L		87

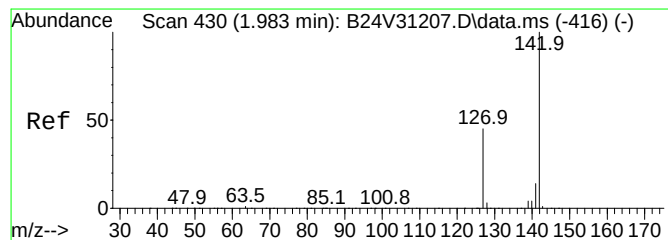
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31211.D
Acq On : 7 Nov 2024 11:13 am
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Inst : GCMSV0A2

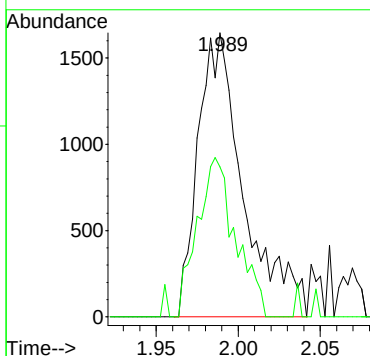
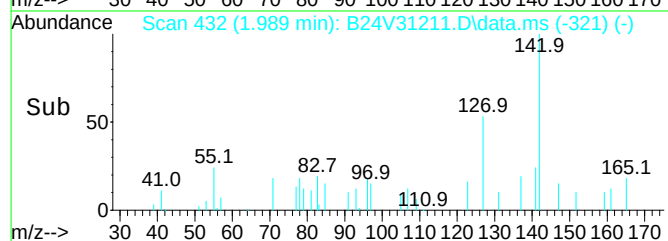
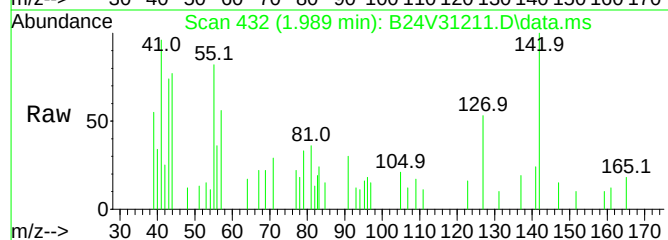
Quant Time: Nov 08 09:52:33 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Nov 08 09:51:50 2024
Response via : Initial Calibration





#17
Iodomethane
Concen: 0.97 UG/L
RT: 1.989 min Scan# 432
Delta R.T. 0.008 min
Lab File: B24V31211.D
Acq: 7 Nov 2024 11:13 am

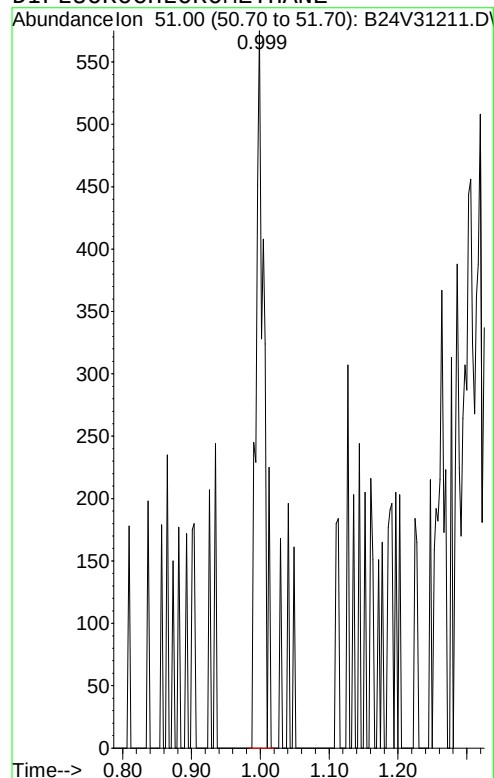
Tgt Ion:142 Resp: 3183
Ion Ratio Lower Upper
142 100
127 47.0 31.4 47.2



Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31211.D
Acq On : 7 Nov 2024 11:13 am
Operator :
Sample : B0-BLK1
Misc :

Quant Time : Fri Nov 08 12:24:03 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration
DIFLUOROCHLOROMETHANE



Original Int. Results

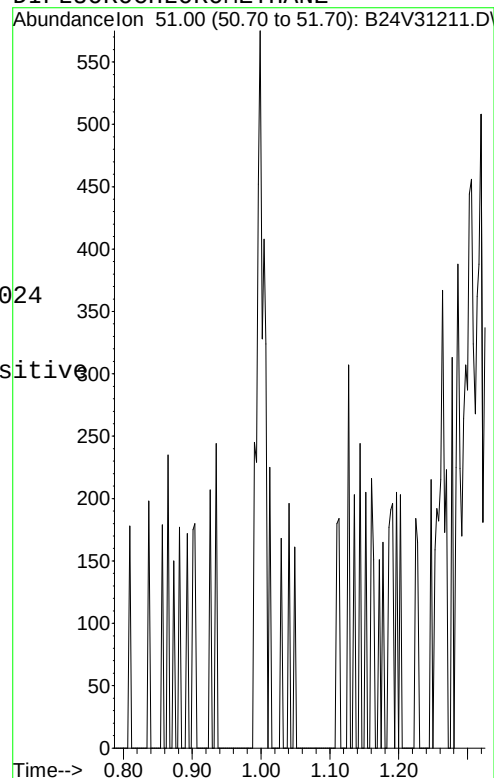
RT : 1.00
Area : 466
Amount: 0.112478

Manual Int. Results

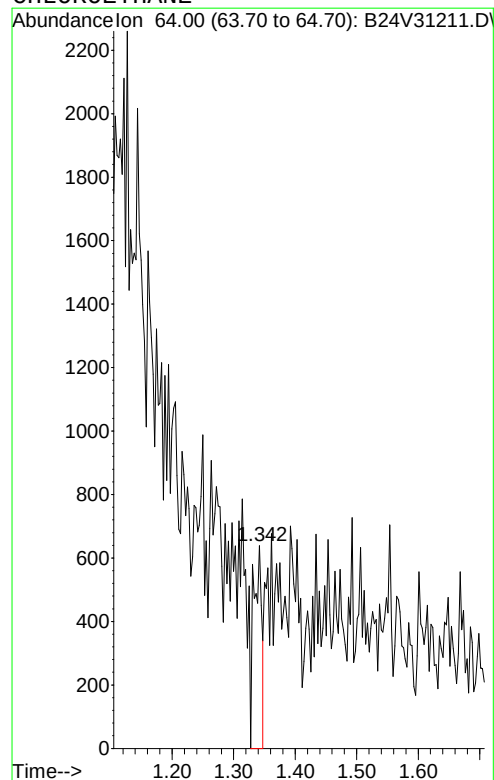
Fri Nov 08 12:22:50 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
DIFLUOROCHLOROMETHANE



Original Integration
CHLOROETHANE



Original Int. Results

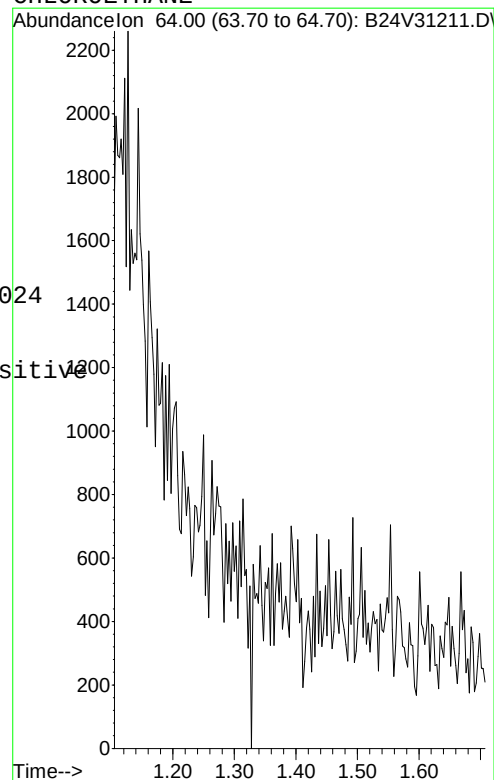
RT : 1.34
Area : 574
Amount: 0.301075

Manual Int. Results

Fri Nov 08 12:22:55 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CHLOROETHANE

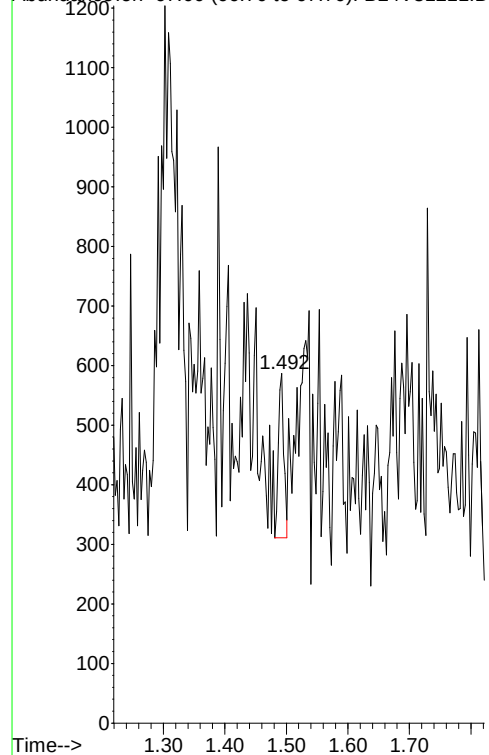


Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31211.D
Acq On : 7 Nov 2024 11:13 am
Operator :
Sample : B0-BLK1
Misc :

Quant Time : Fri Nov 08 12:24:03 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration
FLUORODICHLOROMETHANE

Abundance Ion 67.00 (66.70 to 67.70): B24V31211.D



Original Int. Results

RT : 1.49
Area : 168
Amount: 0.0386011

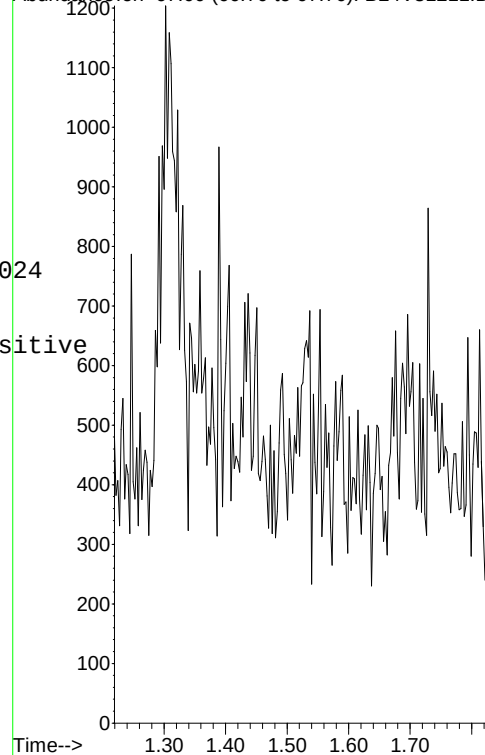
Manual Int. Results

Fri Nov 08 12:22:59 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

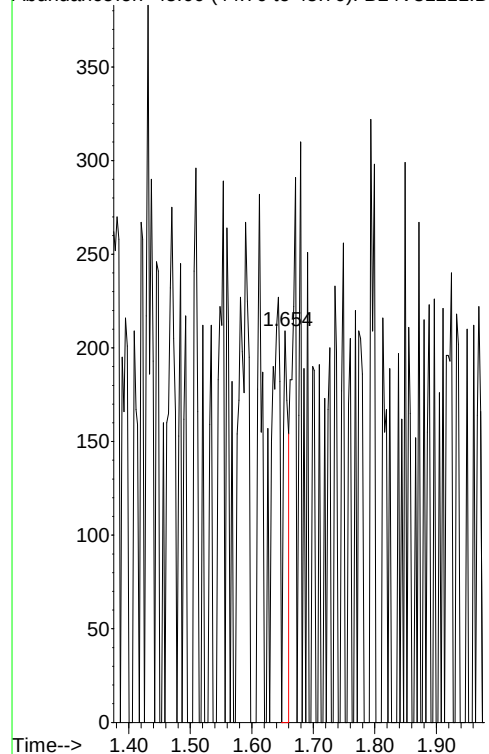
Manual Integration
FLUORODICHLOROMETHANE

Abundance Ion 67.00 (66.70 to 67.70): B24V31211.D



Original Integration
ETHANOL

Abundance Ion 45.00 (44.70 to 45.70): B24V31211.D



Original Int. Results

RT : 1.65
Area : 115
Amount: 2.28793

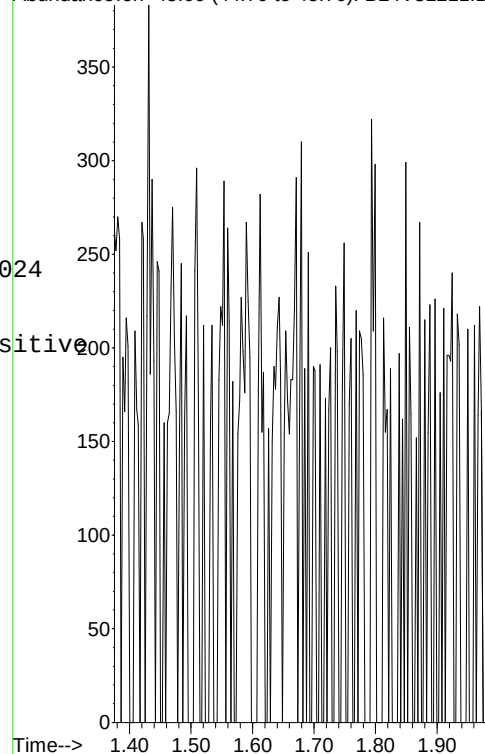
Manual Int. Results

Fri Nov 08 12:23:03 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL

Abundance Ion 45.00 (44.70 to 45.70): B24V31211.D



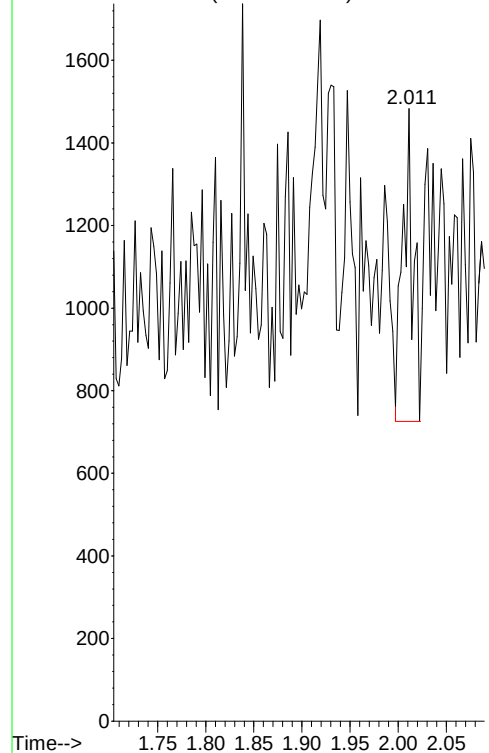
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31211.D
Acq On : 7 Nov 2024 11:13 am
Operator :
Sample : B0-BLK1
Misc :

Quant Time : Fri Nov 08 12:24:03 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

ACETONE

Abundance Ion 43.00 (42.70 to 43.70): B24V31211.D



Original Int. Results

RT : 2.01
Area : 563
Amount: 0.558797

Manual Int. Results

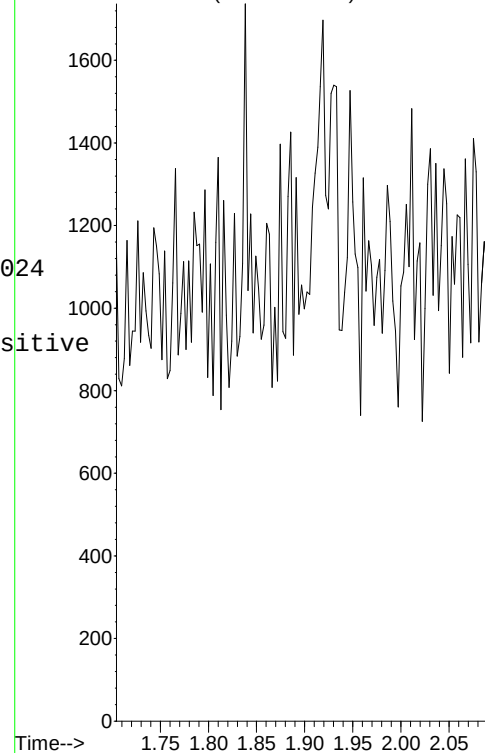
Fri Nov 08 12:23:08 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ACETONE

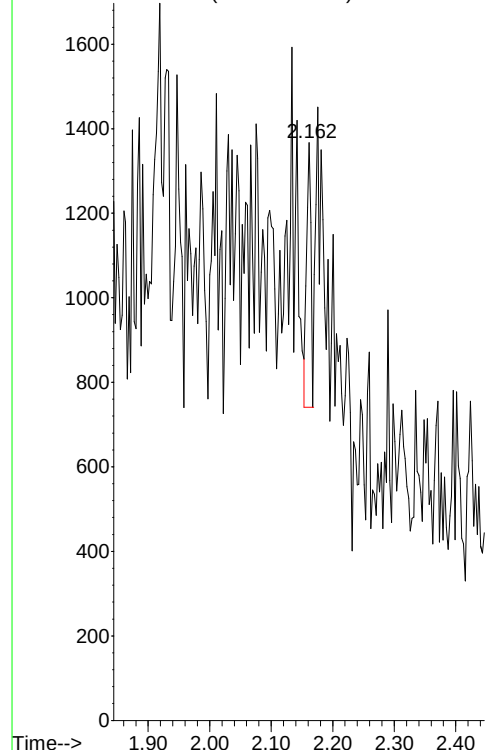
Abundance Ion 43.00 (42.70 to 43.70): B24V31211.D



Original Integration

METHYL ACETATE

Abundance Ion 43.00 (42.70 to 43.70): B24V31211.D



Original Int. Results

RT : 2.16
Area : 305
Amount: 0.104221

Manual Int. Results

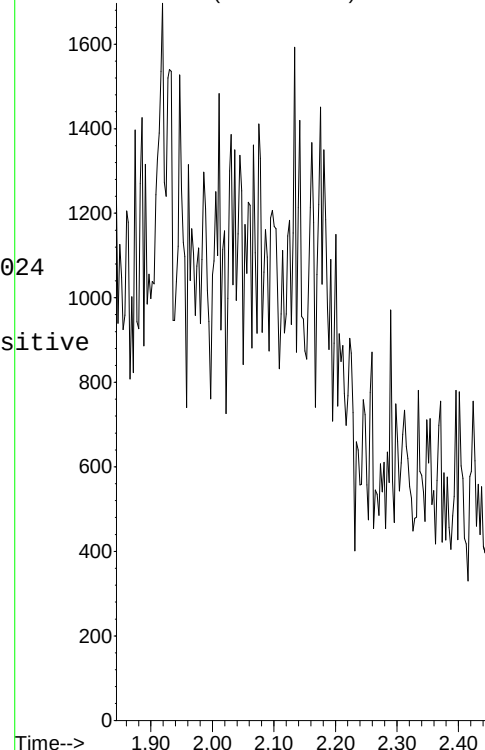
Fri Nov 08 12:23:15 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

METHYL ACETATE

Abundance Ion 43.00 (42.70 to 43.70): B24V31211.D



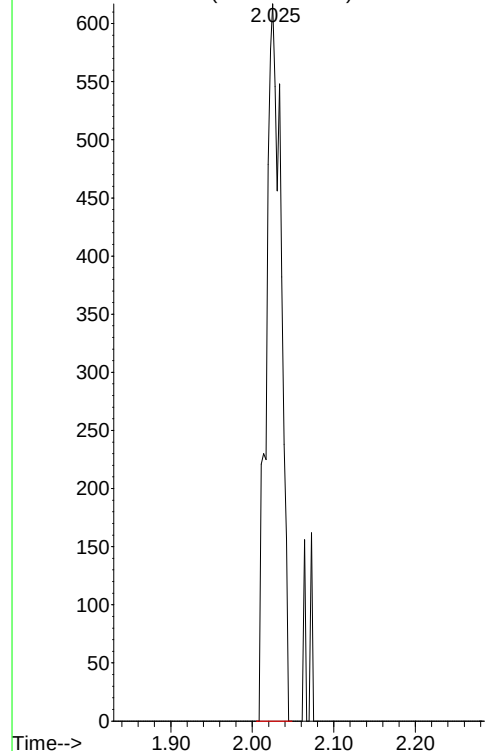
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31211.D
Acq On : 7 Nov 2024 11:13 am
Operator :
Sample : B0-BLK1
Misc :

Quant Time : Fri Nov 08 12:24:03 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

CARBON DISULFIDE

AbundanceIon 75.90 (75.60 to 76.60): B24V31211.D



Original Int. Results

RT : 2.03
Area : 782
Amount: 0.129813

Manual Int. Results

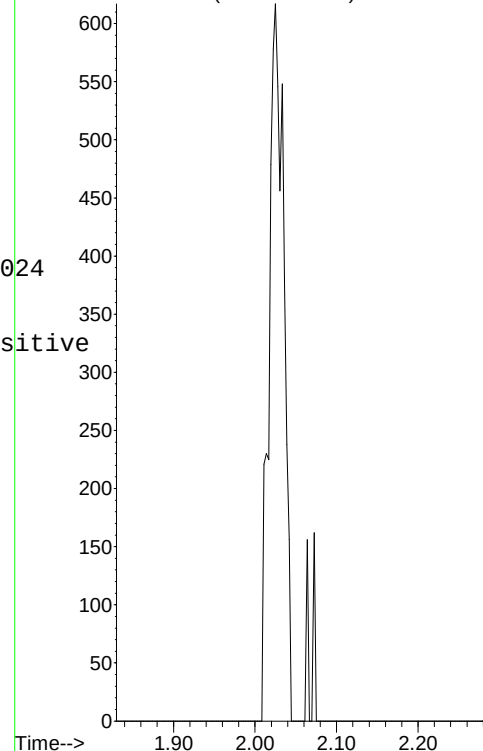
Fri Nov 08 12:23:23 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

CARBON DISULFIDE

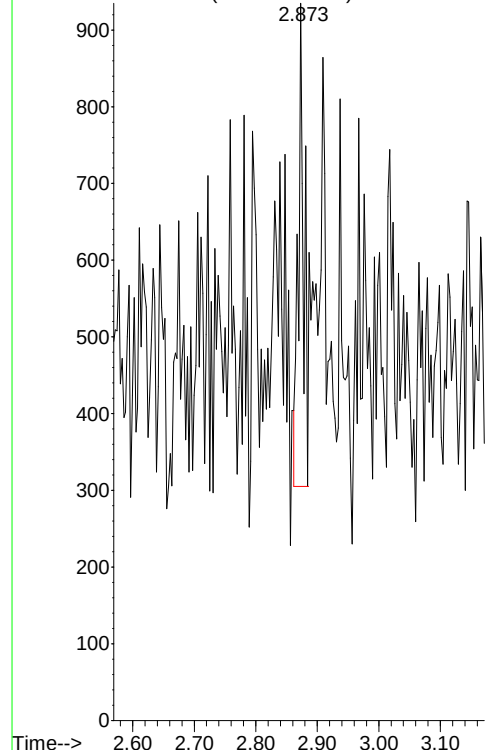
AbundanceIon 75.90 (75.60 to 76.60): B24V31211.D



Original Integration

VINYL ACETATE

AbundanceIon 43.10 (42.80 to 43.80): B24V31211.D



Original Int. Results

RT : 2.87
Area : 381
Amount: 0.0482953

Manual Int. Results

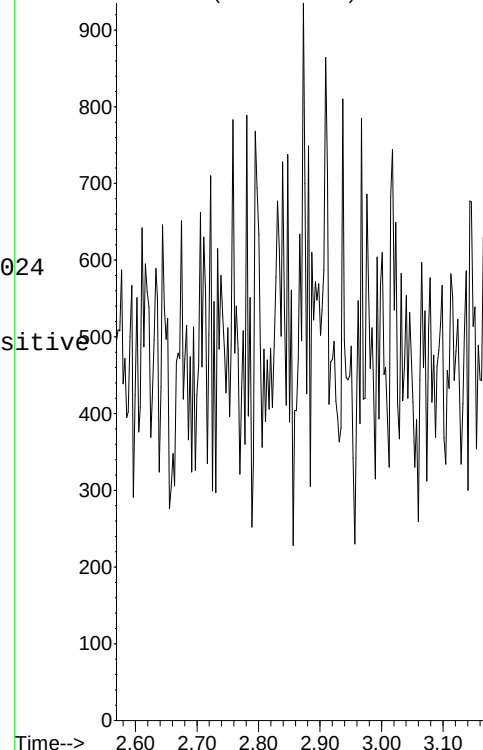
Fri Nov 08 12:23:29 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

VINYL ACETATE

AbundanceIon 43.10 (42.80 to 43.80): B24V31211.D



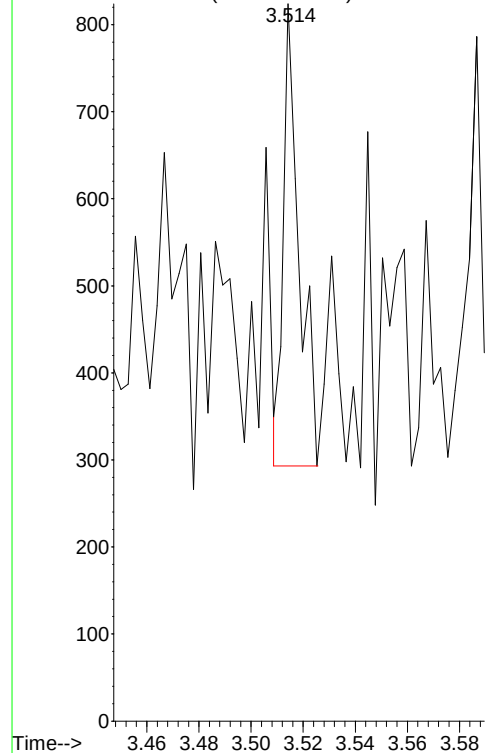
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31211.D
Acq On : 7 Nov 2024 11:13 am
Operator :
Sample : B0-BLK1
Misc :

Quant Time : Fri Nov 08 12:24:03 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B24V31211.D



Original Int. Results

RT : 3.51
Area : 224
Amount: 0.0536024

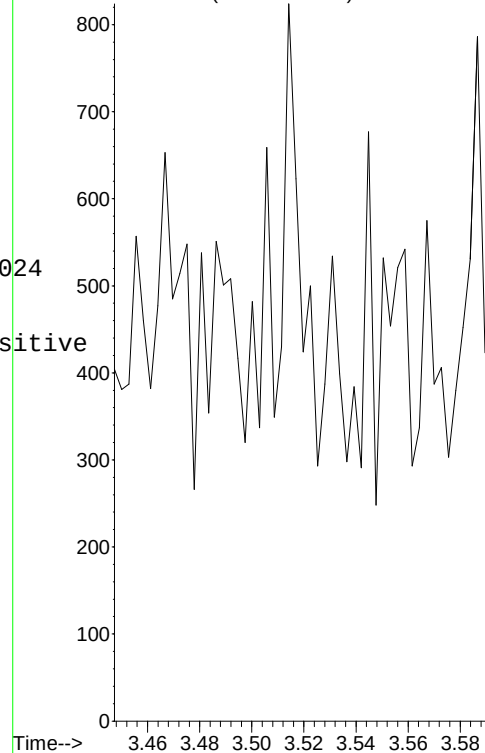
Manual Int. Results

Fri Nov 08 12:23:35 2024
MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL ACETATE

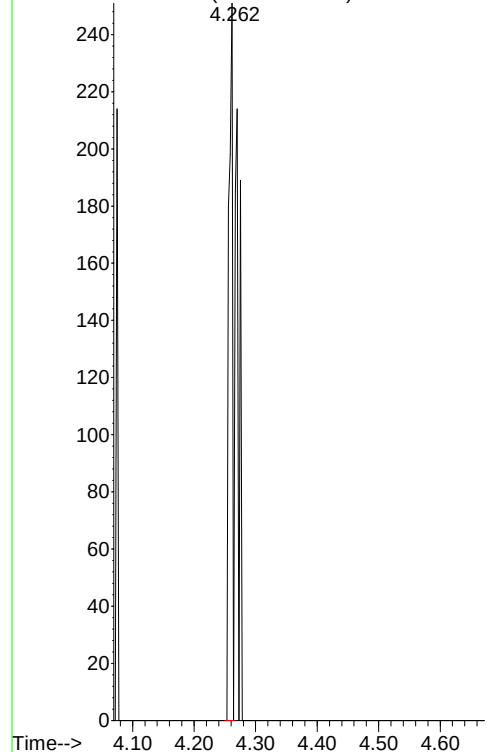
Abundance Ion 43.10 (42.80 to 43.80): B24V31211.D



Original Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B24V31211.D



Original Int. Results

RT : 4.26
Area : 105
Amount: 0

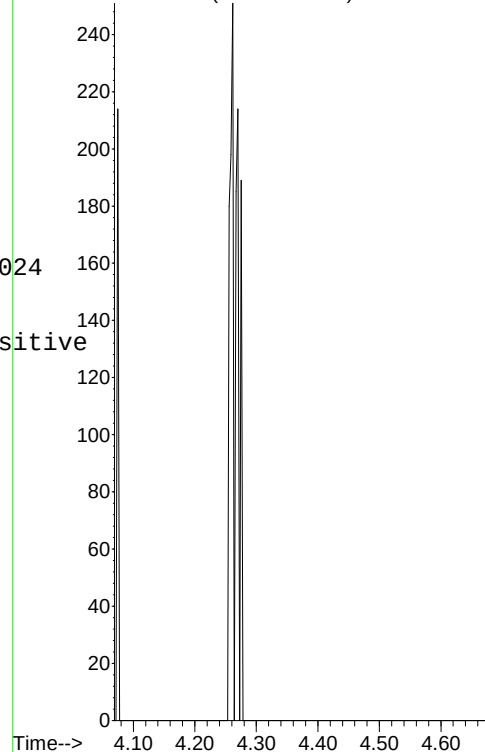
Manual Int. Results

Fri Nov 08 12:23:40 2024
MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL FORMATE

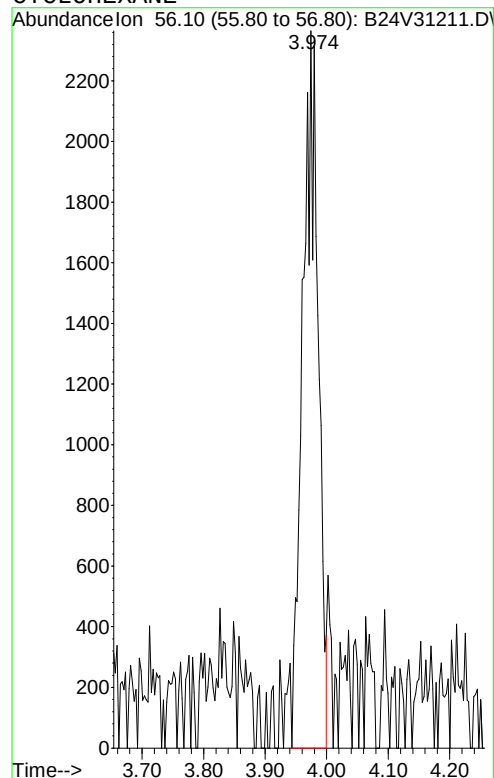
Abundance Ion 59.00 (58.70 to 59.70): B24V31211.D



Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31211.D
Acq On : 7 Nov 2024 11:13 am
Operator :
Sample : B0-BLK1
Misc :

Quant Time : Fri Nov 08 12:24:03 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration
CYCLOHEXANE



Original Int. Results

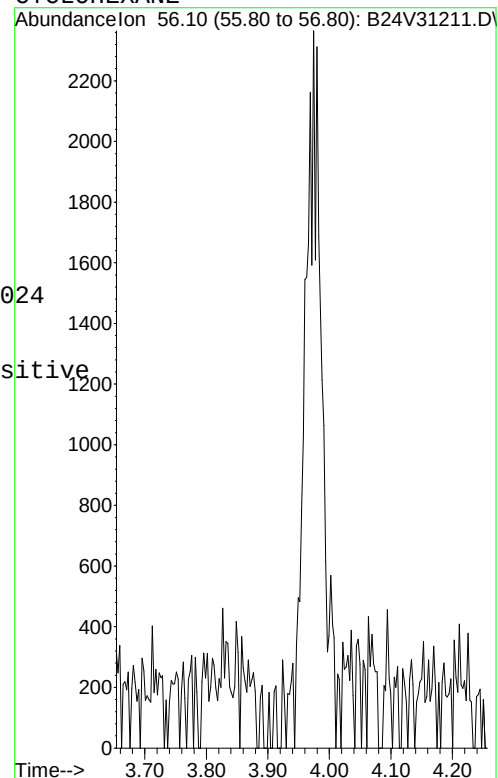
RT : 3.97
Area : 4120
Amount: 0.66995

Manual Int. Results

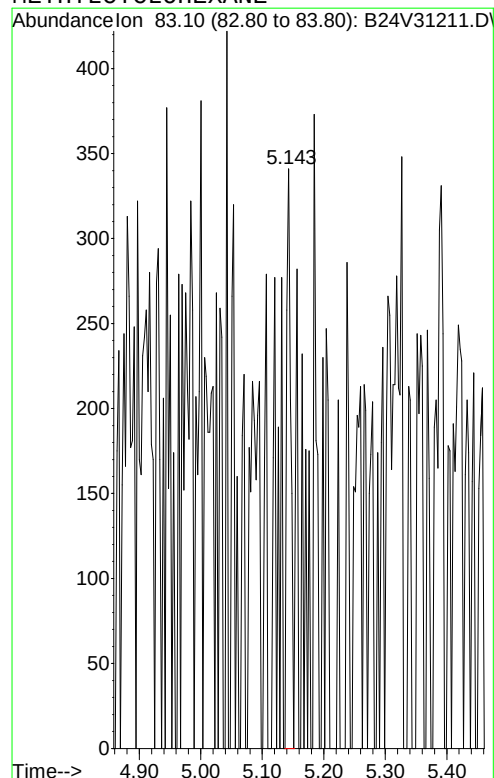
Fri Nov 08 12:23:44 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



Original Integration
METHYLCYCLOHEXANE



Original Int. Results

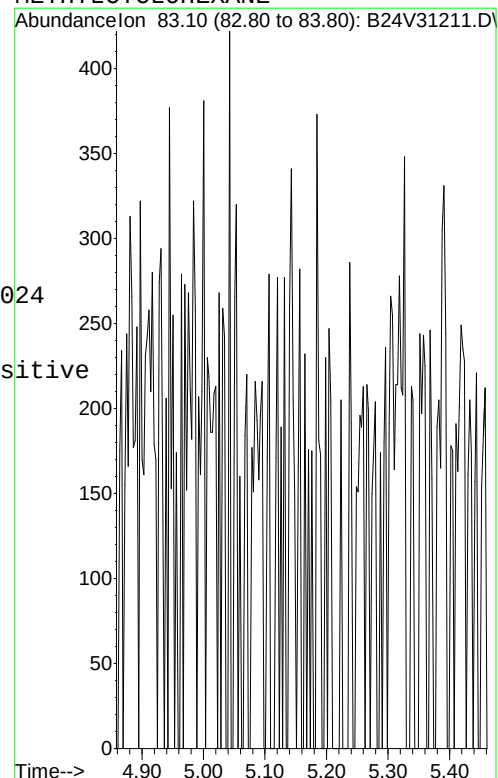
RT : 5.14
Area : 160
Amount: 0.0367144

Manual Int. Results

Fri Nov 08 12:23:53 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
METHYLCYCLOHEXANE

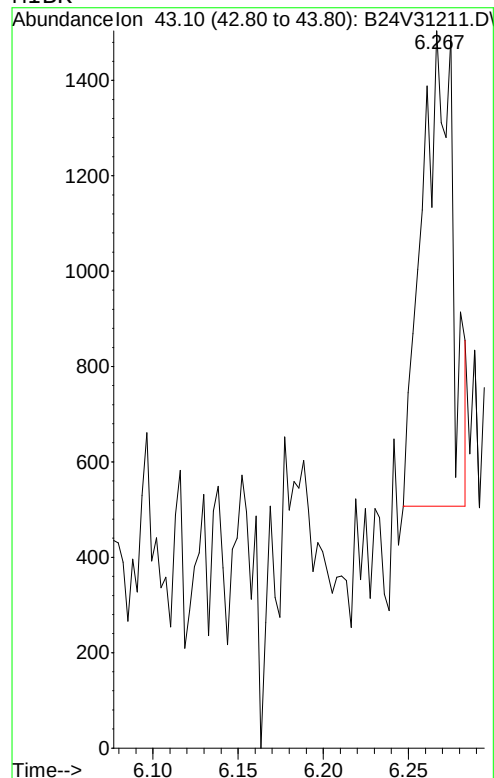


Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31211.D
Acq On : 7 Nov 2024 11:13 am
Operator :
Sample : B0-BLK1
Misc :

Quant Time : Fri Nov 08 12:24:03 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

MIBK



Original Int. Results

RT : 6.27
Area : 1272
Amount: 0.364936

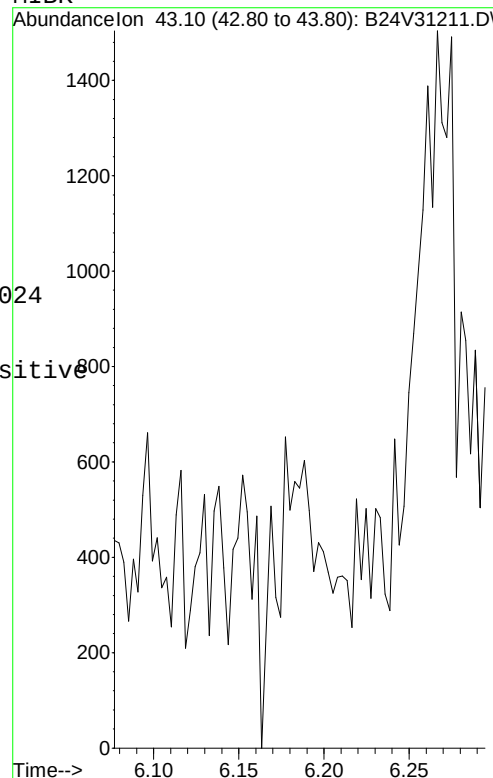
Manual Int. Results

Fri Nov 08 12:23:58 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

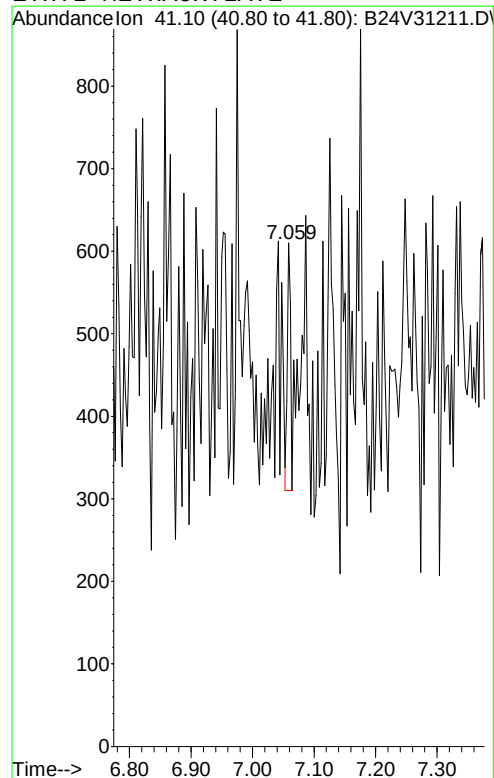
Manual Integration

MIBK



Original Integration

ETHYL METHACRYLATE



Original Int. Results

RT : 7.06
Area : 106
Amount: 0

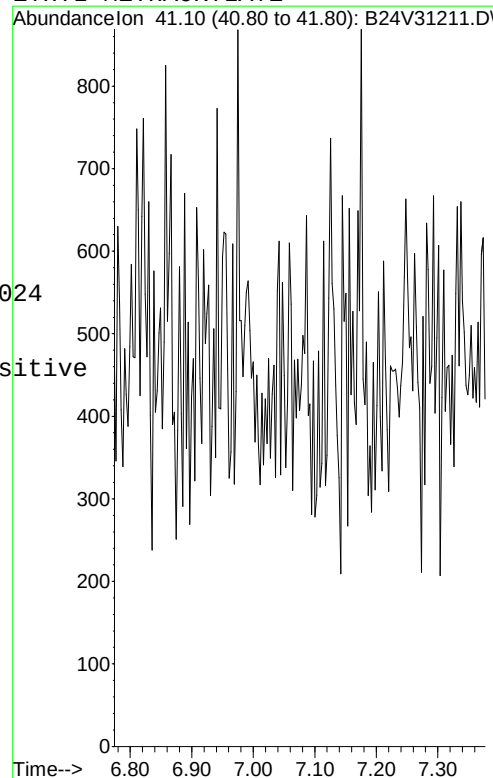
Manual Int. Results

Fri Nov 08 12:24:02 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL METHACRYLATE



1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391625-BS1
		File ID:	B24V31208.D
Sampled:		Prepared:	11/07/24 05:32
		Analyzed:	11/07/24 09:55
Solids:		Preparation:	SW-846 5030B
		Dilution:	
Initial/Final:	5 mL / 5 mL		
Batch:	B391625	Sequence:	S113570
		Calibration:	2301046
		Instrument:	GCMSVOA2
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	85.2	2.0	50	
71-43-2	Benzene	9.69	0.14	1.0	
74-97-5	Bromochloromethane	9.95	0.32	1.0	
75-27-4	Bromodichloromethane	11.4	0.19	0.50	
75-25-2	Bromoform	10.9	0.30	1.0	
74-83-9	Bromomethane	9.93	1.5	2.0	
78-93-3	2-Butanone (MEK)	88.0	1.4	20	
104-51-8	n-Butylbenzene	10.7	0.16	1.0	
135-98-8	sec-Butylbenzene	9.98	0.16	1.0	
98-06-6	tert-Butylbenzene	10.2	0.17	1.0	
75-15-0	Carbon Disulfide	86.8	1.5	5.0	
56-23-5	Carbon Tetrachloride	10.2	0.19	5.0	
108-90-7	Chlorobenzene	9.55	0.18	1.0	
124-48-1	Chlorodibromomethane	11.4	0.13	0.50	
75-00-3	Chloroethane	8.40	0.46	2.0	
67-66-3	Chloroform	11.3	0.19	2.0	
74-87-3	Chloromethane	7.98	0.50	2.0	V-05
110-82-7	Cyclohexane	8.30	1.8	5.0	V-05
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	11.5	0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.3	0.13	0.50	
95-50-1	1,2-Dichlorobenzene	10.1	0.17	1.0	
541-73-1	1,3-Dichlorobenzene	10.0	0.15	1.0	
106-46-7	1,4-Dichlorobenzene	9.70	0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	10.1	0.20	2.0	
75-34-3	1,1-Dichloroethane	9.24	0.15	1.0	
107-06-2	1,2-Dichloroethane	12.0	0.13	1.0	
75-35-4	1,1-Dichloroethylene	8.99	0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.83	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene	8.94	0.16	1.0	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391625-BS1
		File ID:	B24V31208.D
Sampled:		Prepared:	11/07/24 05:32
		Analyzed:	11/07/24 09:55
Solids:		Preparation:	SW-846 5030B
		Dilution:	
Initial/Final:	5 mL / 5 mL		
Batch:	B391625	Sequence:	S113570
		Calibration:	2301046
		Instrument:	GCMSVOA2
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	9.61	0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene	11.2	0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene	11.7	0.14	0.50	
100-41-4	Ethylbenzene	9.80	0.14	1.0	
591-78-6	2-Hexanone (MBK)	95.9	1.3	10	
98-82-8	Isopropylbenzene (Cumene)	9.55	0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.0	0.16	1.0	
79-20-9	Methyl Acetate	10.1	0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.2	0.17	1.0	
108-87-2	Methyl Cyclohexane	10.2	0.13	1.0	
75-09-2	Methylene Chloride	7.36	0.19	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)	96.4	1.4	10	
91-20-3	Naphthalene	10.3	0.25	2.0	
103-65-1	n-Propylbenzene	9.89	0.11	1.0	
100-42-5	Styrene	9.86	0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.5	0.10	0.50	
127-18-4	Tetrachloroethylene	10.1	0.17	1.0	
108-88-3	Toluene	9.84	0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.88	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.0	0.19	1.0	
71-55-6	1,1,1-Trichloroethane	10.7	0.14	1.0	
79-00-5	1,1,2-Trichloroethane	11.4	0.18	1.0	
79-01-6	Trichloroethylene	10.2	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	11.3	0.14	2.0	
96-18-4	1,2,3-Trichloropropane	10.3	0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.08	0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.5	0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.74	0.17	1.0	
75-01-4	Vinyl Chloride	8.41	0.19	2.0	

1 - FORM I
ANALYSIS DATA SHEET
LCS

Laboratory:	Pace New England			Work Order:	24J4347	
Client:	NYS Division of Environmental Remediation			Project:	Former RKO Drycleaners - CO 151681	
Matrix:	Water	Laboratory ID:	B391625-BS1	File ID:	B24V31208.D	
Sampled:		Prepared:	11/07/24 05:32	Analyzed:	11/07/24 09:55	
Solids:		Preparation:	SW-846 5030B	Dilution:		
Initial/Final:	5 mL / 5 mL					
Batch:	B391625	Sequence:	S113570	Calibration:	2301046	Instrument: GCMSVOA2
Column:	1					

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene	19.0	0.25	2.0	
95-47-6	o-Xylene	9.94	0.16	1.0	
1330-20-7	Xylenes (total)	28.9	1.0	1.0	

Data Path : C:\msdchem\1\data\B110724\
 Data File : B24V31208.D
 Acq On : 7 Nov 2024 9:55 am
 Operator :
 Sample : B0-BS1
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Nov 08 09:52:27 2024
 Quant Method : C:\msdchem\1\methods\B082223W.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Nov 08 09:51:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.974	168	173213	30.00	UG/L	0.00
44) 1,4-DIFLUOROBENZENE - ...	4.727	114	291266	30.00	UG/L	0.00
65) CHLOROBENZENE-D5 ISTD	7.789	82	170927	30.00	UG/L	0.00
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	175143	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.259	65	102215	28.37	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	113.48%	
45) TOLUENE-D8 SS	6.264	98	311535	25.43	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	101.72%	
66) 4-BROMOFLUROBENZENE SS	9.058	95	131298	24.18	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.72%	
Target Compounds						
					Qvalue	
3) DICHLORODIFLUOROMETHANE	1.013	85	29577	10.09	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.024	51	39485	8.81	UG/L #	88
5) CHLOROMETHANE	1.119	50	42458	7.98	UG/L	98
6) VINYL CHLORIDE	1.172	62	31294	8.41	UG/L #	88
7) BROMOMETHANE	1.345	94	16741	9.93	UG/L	98
8) CHLOROETHANE	1.406	64	17323	8.40	UG/L	95
9) FLUORODICHLOROMETHANE	1.517	67	44416	9.44	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.548	101	41838	11.28	UG/L	97
11) ETHANOL	1.671	45	3649	67.14	UG/L #	97
12) DI ETHYL ETHER	1.721	59	17338	8.36	UG/L	89
13) ACROLEIN	1.816	56	45958	68.30	UG/L #	88
14) ACETONE	1.919	43	92872	85.25	UG/L	92
15) 1,1-DICHLOROETHENE	1.872	61	37277	8.99	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.863	101	20344	9.08	UG/L	94
17) IODOMETHANE	1.980	142	371821	104.56	UG/L	88
18) METHYL ACETATE	2.142	43	31939	10.09	UG/L	98
19) T-BUTYL ALCOHOL	2.321	59	31945	88.08	UG/L #	95
20) ACRYLONITRILE	2.429	53	11812	8.52	UG/L	93
21) METHYLENE CHLORIDE	2.215	49	35241	7.36	UG/L	92
22) CARBON DISULFIDE	2.022	76	565219	86.77	UG/L	99
23) METHYL TERT-BUTYL ETHE...	2.429	73	73409	10.25	UG/L	92
24) TRANS 1,2-DICHLOROETHENE	2.427	61	37504	8.94	UG/L	91
25) 1,1-DICHLOROETHANE	2.809	63	48866	9.24	UG/L #	96
26) VINYL ACETATE	2.870	43	712471	83.52	UG/L	98
27) DI ISOPROPYL ETHER	2.873	45	98451	8.34	UG/L	95
28) 2-BUTANONE	3.444	43	149968	87.95	UG/L	97
29) T-BUTYL ETHYL ETHER	3.252	59	86880	9.33	UG/L	95
30) CIS-1,2-DICHLOROETHENE	3.405	61	46834	9.83	UG/L	97
31) 2,2-DICHLOROPROPANE	3.391	77	45588	11.42	UG/L	97
32) ETHYL ACETATE	3.511	43	38161m	8.45	UG/L	
33) BROMOCHLOROMETHANE	3.654	128	13640	9.95	UG/L	87
34) TETRAHYDROFURAN	3.704	42	10201	7.74	UG/L #	85
36) CHLOROFORM	3.748	83	51705	11.28	UG/L	94
37) 1,1,1-TRICHLOROETHANE	3.913	97	45056	10.66	UG/L	98
38) CYCLOHEXANE	3.952	56	55189	8.30	UG/L	96
39) CARBON TETRACHLORIDE	4.075	117	41449	10.20	UG/L	97
40) 1,1-DICHLOROPROPENE	4.086	75	38005	9.76	UG/L	98
41) BENZENE	4.303	78	104786	9.69	UG/L	96
43) T-AMYL METHYL ETHER	4.434	73	73082	9.46	UG/L	93
46) 1,2-DICHLOROETHANE	4.342	62	42845	11.95	UG/L #	86
47) TRICHLOROETHENE	4.981	95	28630	10.21	UG/L	99
48) METHYLCYCLOHEXANE	5.157	83	47908	10.19	UG/L	93
49) 1,2-DICHLOROPROPANE	5.229	63	28858	9.61	UG/L	96
50) DIBROMOMETHANE	5.349	93	17886	11.24	UG/L	94
51) 1,4-DIOXANE	5.391	88	3178	85.37	UG/L #	66
52) BROMODICHLOROMETHANE	5.527	83	40088	11.36	UG/L	97
53) 2-CHLOROETHYL VINYLETHER	5.868	63	215001	105.41	UG/L	95
54) MIBK	6.183	43	362595	96.39	UG/L	99

Data Path : C:\msdchem\1\data\B110724\
 Data File : B24V31208.D
 Acq On : 7 Nov 2024 9:55 am
 Operator :
 Sample : B0-BS1
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Nov 08 09:52:27 2024
 Quant Method : C:\msdchem\1\methods\B082223W.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Nov 08 09:51:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) CIS-1,3-DICHLOROPROPENE	6.002	75	50684	11.17	UG/L	99
56) TOLUENE	6.336	91	122410	9.84	UG/L	97
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	45720	11.71	UG/L	97
59) 1,1,2-TRICHLOROETHANE	6.788	97	27076	11.43	UG/L	95
60) 2-HEXANONE	7.075	43	271065	95.92	UG/L	98
61) TETRACHLOROETHENE	6.902	164	25515	10.12	UG/L	97
62) 1,3-DICHLOROPROPANE	6.961	76	46017	10.66	UG/L	91
63) DIBROMOCHLOROMETHANE	7.190	129	34705	11.39	UG/L	99
64) 1,2-DIBROMOETHANE	7.295	107	29818	11.31	UG/L #	99
67) CHLOROBENZENE	7.820	112	88123	9.55	UG/L	97
68) 1,1,1,2-TETRACHLOROETHANE	7.917	131	33130	10.33	UG/L	96
69) ETHYLBENZENE	7.945	91	153636	9.80	UG/L	99
70) M/P-XYLENES	8.076	91	234319	19.00	UG/L	97
71) O-XYLENE	8.495	91	124986	9.94	UG/L	96
72) STYRENE	8.514	104	101015	9.86	UG/L	94
73) BROMOFORM	8.712	173	24564	10.94	UG/L #	99
74) ISOPROPYLBENZENE	8.893	105	158487	9.55	UG/L	99
76) 1,1,2,2-TETRACHLOROETHANE	9.248	83	39089	10.48	UG/L	98
77) 1,4-DICHLORO-2-BUTENE(...	9.306	53	17272	11.18	UG/L	90
78) BROMOBENZENE	9.208	77	57474	9.91	UG/L	96
79) 1,2,3-TRICHLOROPROPANE	9.281	110	12546	10.26	UG/L	99
80) N-PROPYLBENZENE	9.340	91	191244	9.89	UG/L	100
81) 2-CHLOROTOLUENE	9.420	91	107877	9.72	UG/L	96
82) 1,3,5-TRIMETHYLBENZENE	9.535	105	133130	9.74	UG/L	99
83) 4-CHLOROTOLUENE	9.540	91	125856	9.75	UG/L	98
85) TERT-BUTYLBENZENE	9.878	119	117643	10.25	UG/L	98
86) 1,2,4-TRIMETHYLBENZENE	9.934	105	133950	10.48	UG/L	99
87) SEC-BUTYLBENZENE	10.115	105	158941	9.98	UG/L	99
88) 1,3-DICHLOROBENZENE	10.226	146	72207	10.02	UG/L	97
89) P-ISOPROPYLTOLUENE	10.282	119	144965	10.02	UG/L	98
90) 1,4-DICHLOROBENZENE	10.324	146	73302	9.70	UG/L	96
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	137073	10.29	UG/L	99
92) N-BUTYLBENZENE	10.723	91	129097	10.69	UG/L	99
93) 1,2-DICHLOROBENZENE	10.728	146	67587	10.11	UG/L	97
94) 1,2-DIBROMO-3-CHLOROPR...	11.584	75	7621	11.54	UG/L	92
95) 1,3,5-TRICHLOROBENZENE	11.796	180	46964	10.16	UG/L	99
96) 1,2,4-TRICHLOROBENZENE	12.471	180	38482	10.03	UG/L	98
97) HEXACHLOROBUTADIENE	12.650	225	18751	10.57	UG/L	98
98) NAPHTHALENE	12.739	128	96189	10.29	UG/L	99
99) 1,2,3-TRICHLOROBENZENE	12.995	180	30447	9.88	UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Inst : GCMSV0A2

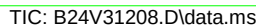
Quant Time: Nov 08 09:52:27 2024

Quant Method : C:\msdchem\1\methods\B082223W.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Fri Nov 08 09:51:50 2024

Response via : Initial Calibration



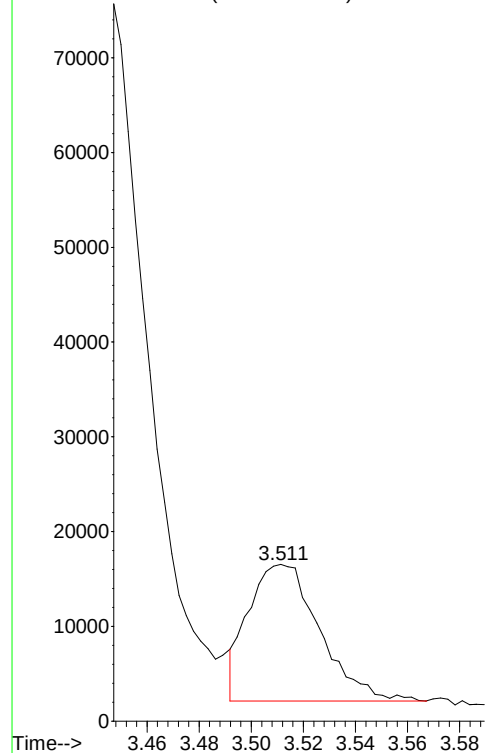
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31208.D
Acq On : 7 Nov 2024 9:55 am
Operator :
Sample : B0-BS1
Misc :

Quant Time : Fri Nov 08 12:20:33 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

ETHYL ACETATE

Abundance Ion 43.10 (42.80 to 43.80): B24V31208.D



Original Int. Results

RT : 3.51
Area : 27375
Amount: 6.05819

Manual Int. Results

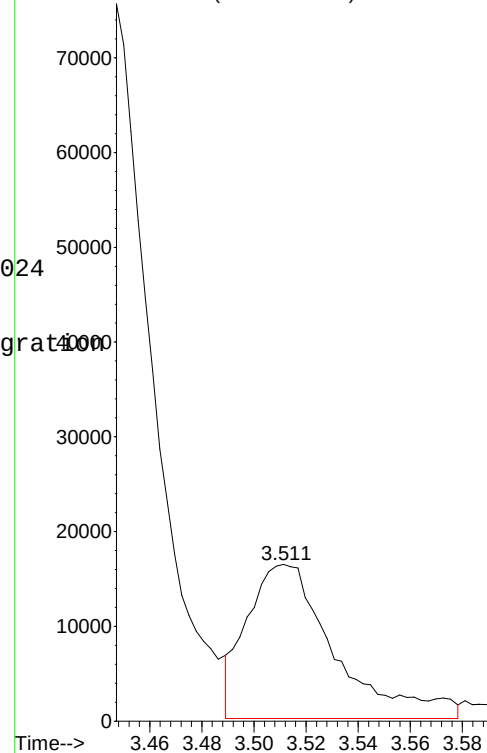
Fri Nov 08 12:19:42 2024

MIuser: LBD
Reason: Incorrect Integration
RT : 3.51
Area : 38161
Amount: 8.44517

Manual Integration

ETHYL ACETATE

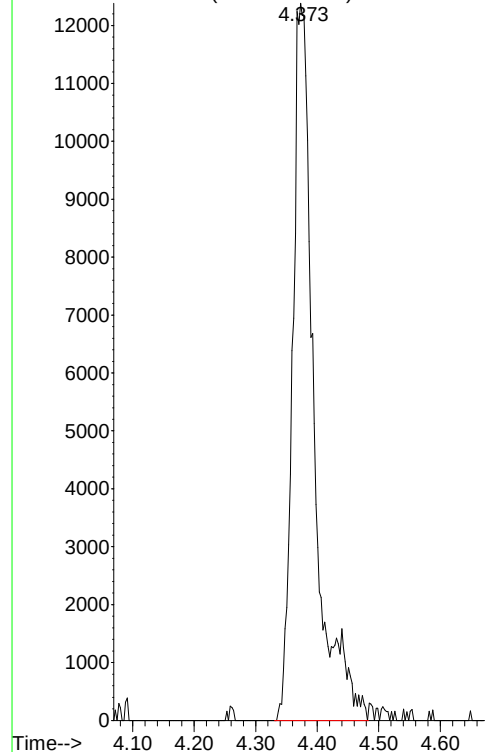
Abundance Ion 43.10 (42.80 to 43.80): B24V31208.D



Original Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B24V31208.D



Original Int. Results

RT : 4.37
Area : 29841
Amount: 0

Manual Int. Results

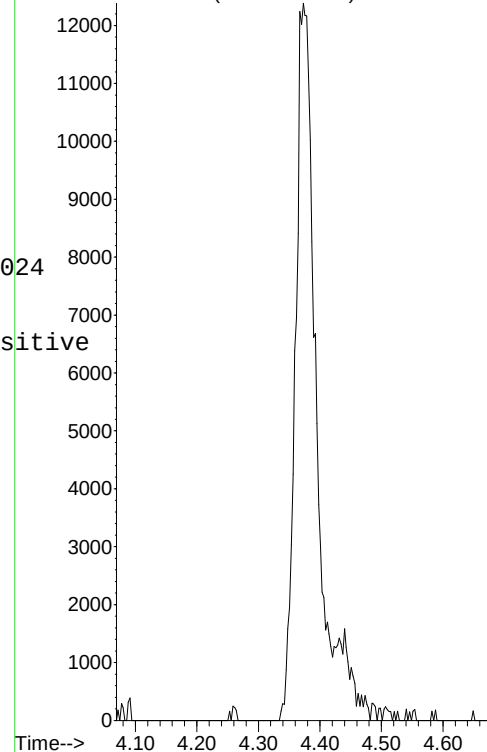
Fri Nov 08 12:19:50 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B24V31208.D

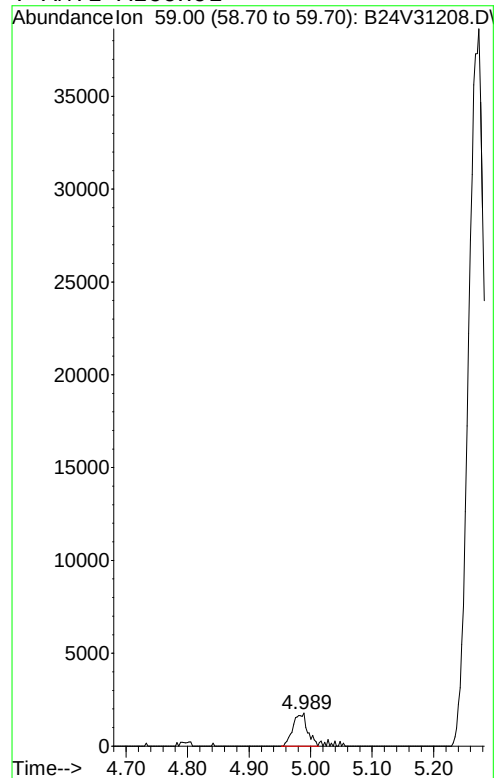


Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31208.D
Acq On : 7 Nov 2024 9:55 am
Operator :
Sample : B0-BS1
Misc :

Quant Time : Fri Nov 08 12:20:33 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

T-AMYL ALCOHOL



Original Int. Results

RT : 4.99
Area : 2865
Amount: 0

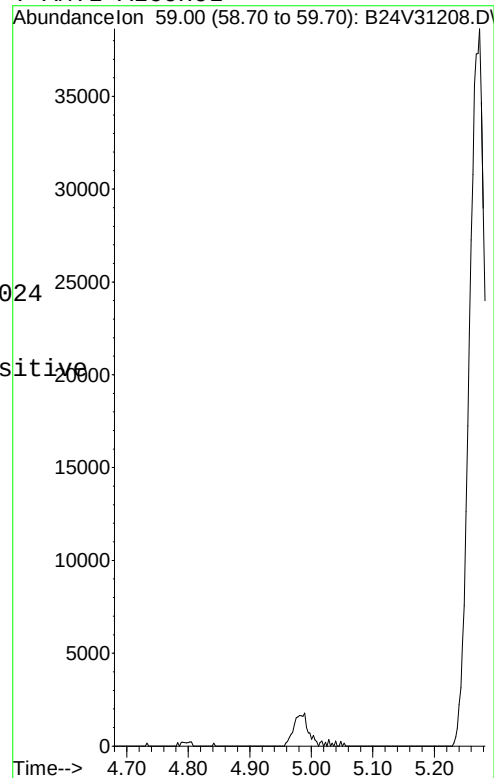
Manual Int. Results

Fri Nov 08 12:20:10 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

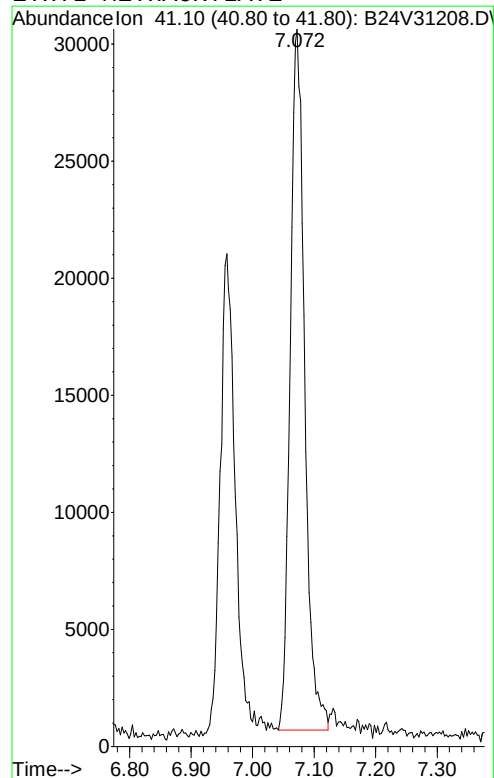
Manual Integration

T-AMYL ALCOHOL



Original Integration

ETHYL METHACRYLATE



Original Int. Results

RT : 7.07
Area : 48648
Amount: 0

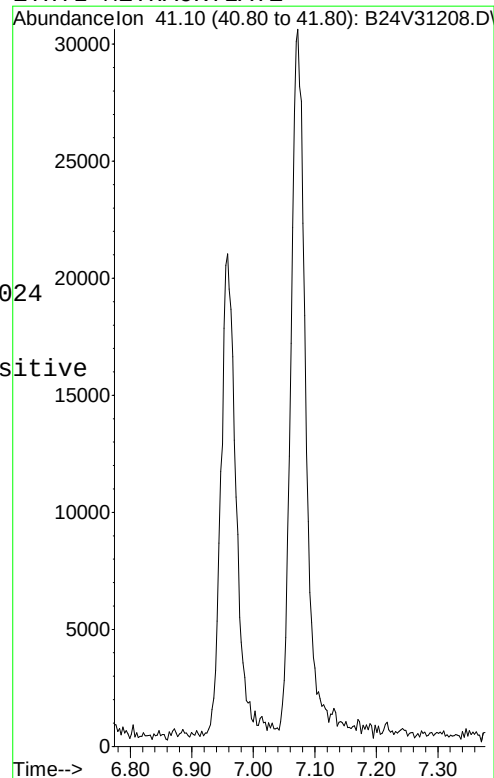
Manual Int. Results

Fri Nov 08 12:20:21 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL METHACRYLATE

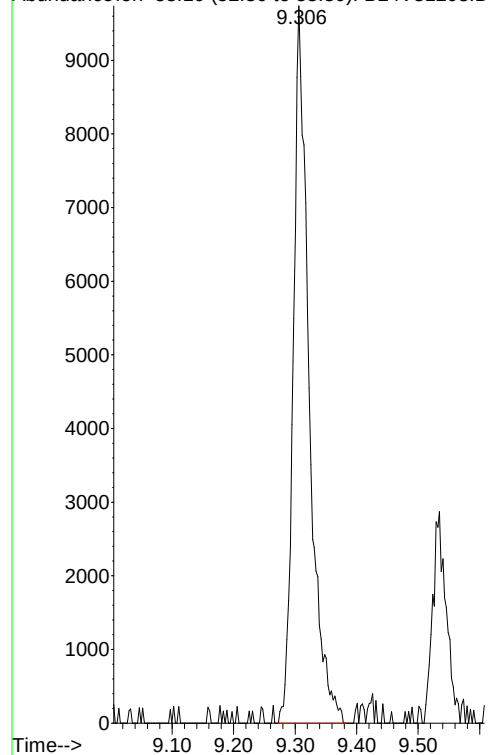


Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31208.D
Acq On : 7 Nov 2024 9:55 am
Operator :
Sample : B0-BS1
Misc :

Quant Time : Fri Nov 08 12:20:33 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration
CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B24V31208.D



Original Int. Results

RT : 9.31
Area : 17272
Amount: 0

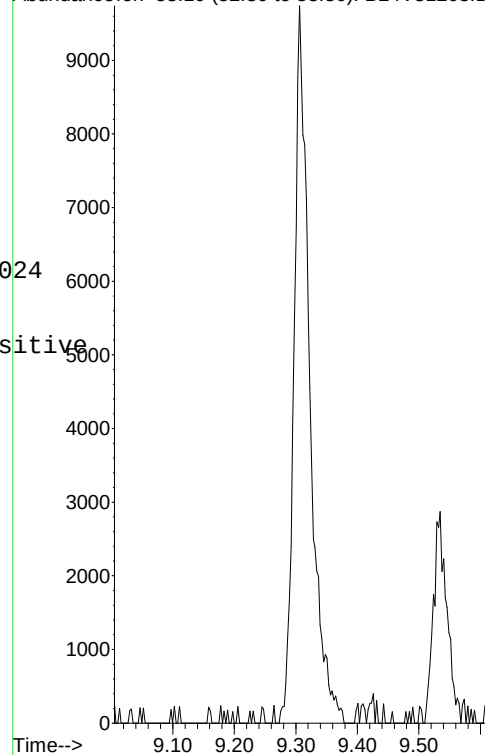
Manual Int. Results

Fri Nov 08 12:20:32 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B24V31208.D



1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391625-BSD1
		File ID:	B24V31209.D
Sampled:		Prepared:	11/07/24 05:32
		Analyzed:	11/07/24 10:21
Solids:		Preparation:	SW-846 5030B
		Dilution:	
Initial/Final:	5 mL / 5 mL		
Batch:	B391625	Sequence:	S113570
		Calibration:	2301046
		Instrument:	GCMSVOA2
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	85.6	2.0	50	
71-43-2	Benzene	10.2	0.14	1.0	
74-97-5	Bromochloromethane	9.86	0.32	1.0	
75-27-4	Bromodichloromethane	12.3	0.19	0.50	
75-25-2	Bromoform	10.7	0.30	1.0	
74-83-9	Bromomethane	10.3	1.5	2.0	
78-93-3	2-Butanone (MEK)	89.7	1.4	20	
104-51-8	n-Butylbenzene	11.0	0.16	1.0	
135-98-8	sec-Butylbenzene	10.3	0.16	1.0	
98-06-6	tert-Butylbenzene	10.5	0.17	1.0	
75-15-0	Carbon Disulfide	88.3	1.5	5.0	
56-23-5	Carbon Tetrachloride	10.9	0.19	5.0	
108-90-7	Chlorobenzene	9.91	0.18	1.0	
124-48-1	Chlorodibromomethane	12.1	0.13	0.50	
75-00-3	Chloroethane	9.76	0.46	2.0	
67-66-3	Chloroform	11.3	0.19	2.0	
74-87-3	Chloromethane	8.04	0.50	2.0	V-05
110-82-7	Cyclohexane	8.48	1.8	5.0	V-05
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	12.1	0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.4	0.13	0.50	
95-50-1	1,2-Dichlorobenzene	10.3	0.17	1.0	
541-73-1	1,3-Dichlorobenzene	10.4	0.15	1.0	
106-46-7	1,4-Dichlorobenzene	10.1	0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	10.3	0.20	2.0	
75-34-3	1,1-Dichloroethane	9.62	0.15	1.0	
107-06-2	1,2-Dichloroethane	11.0	0.13	1.0	
75-35-4	1,1-Dichloroethylene	9.06	0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.0	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.19	0.16	1.0	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Pace New England	Work Order:	24J4347
Client:	NYS Division of Environmental Remediation	Project:	Former RKO Drycleaners - CO 151681
Matrix:	Water	Laboratory ID:	B391625-BSD1
		File ID:	B24V31209.D
Sampled:		Prepared:	11/07/24 05:32
		Analyzed:	11/07/24 10:21
Solids:		Preparation:	SW-846 5030B
		Dilution:	
Initial/Final:	5 mL / 5 mL		
Batch:	B391625	Sequence:	S113570
		Calibration:	2301046
		Instrument:	GCMSVOA2
Column:	1		

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	9.64	0.17	1.0	
10061-01-5	cis-1,3-Dichloropropene	11.3	0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.0	0.14	0.50	
100-41-4	Ethylbenzene	10.2	0.14	1.0	
591-78-6	2-Hexanone (MBK)	97.4	1.3	10	
98-82-8	Isopropylbenzene (Cumene)	9.92	0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.4	0.16	1.0	
79-20-9	Methyl Acetate	11.8	0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.3	0.17	1.0	
108-87-2	Methyl Cyclohexane	10.8	0.13	1.0	
75-09-2	Methylene Chloride	7.71	0.19	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)	98.7	1.4	10	
91-20-3	Naphthalene	10.3	0.25	2.0	
103-65-1	n-Propylbenzene	10.3	0.11	1.0	
100-42-5	Styrene	10.0	0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.9	0.10	0.50	
127-18-4	Tetrachloroethylene	10.7	0.17	1.0	
108-88-3	Toluene	10.4	0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.58	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.3	0.19	1.0	
71-55-6	1,1,1-Trichloroethane	11.8	0.14	1.0	
79-00-5	1,1,2-Trichloroethane	10.9	0.18	1.0	
79-01-6	Trichloroethylene	10.9	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	11.5	0.14	2.0	
96-18-4	1,2,3-Trichloropropane	10.7	0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.41	0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.8	0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.3	0.17	1.0	
75-01-4	Vinyl Chloride	9.08	0.19	2.0	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Pace New England Work Order: 24J4347
Client: NYS Division of Environmental Remediation Project: Former RKO Drycleaners - CO 151681
Matrix: Water Laboratory ID: B391625-BSD1 File ID: B24V31209.D
Sampled: Prepared: 11/07/24 05:32 Analyzed: 11/07/24 10:21
Solids: Preparation: SW-846 5030B Dilution:
Initial/Final: 5 mL / 5 mL
Batch: B391625 Sequence: S113570 Calibration: 2301046 Instrument: GCMSVOA2
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
179601-23-1	m+p Xylene	19.6	0.25	2.0	
95-47-6	o-Xylene	10.1	0.16	1.0	
1330-20-7	Xylenes (total)	29.7	1.0	1.0	

Data Path : C:\msdchem\1\data\B110724\
 Data File : B24V31209.D
 Acq On : 7 Nov 2024 10:21 am
 Operator :
 Sample : B0-BSD1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Nov 08 09:52:29 2024
 Quant Method : C:\msdchem\1\methods\B082223W.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Nov 08 09:51:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.972	168	167464	30.00	UG/L	0.00
44) 1,4-DIFLUOROBENZENE - ...	4.727	114	284692	30.00	UG/L	0.00
65) CHLOROBENZENE-D5 ISTD	7.789	82	165616	30.00	UG/L	0.00
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	172458	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.259	65	106772	30.65	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	122.60%		
45) TOLUENE-D8 SS	6.264	98	309561	25.85	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.40%		
66) 4-BROMOFLUOROBENZENE SS	9.058	95	129447	24.60	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.40%		
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.013	85	29179	10.30	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.024	51	39766m	9.18	UG/L	
5) CHLOROMETHANE	1.116	50	41338	8.04	UG/L	98
6) VINYL CHLORIDE	1.175	62	32667	9.08	UG/L	93
7) BROMOMETHANE	1.345	94	16817	10.32	UG/L	100
8) CHLOROETHANE	1.406	64	19443	9.76	UG/L	99
9) FLUORODICHLOROMETHANE	1.518	67	43641	9.59	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.548	101	41235	11.50	UG/L	98
11) ETHANOL	1.676	45	3125	59.47	UG/L #	94
12) DI ETHYL ETHER	1.721	59	16643	8.30	UG/L	92
13) ACROLEIN	1.816	56	45900	70.56	UG/L #	92
14) ACETONE	1.916	43	90169	85.61	UG/L	94
15) 1,1-DICHLOROETHENE	1.872	61	36330	9.06	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.869	101	20373	9.41	UG/L	95
17) IODOMETHANE	1.980	142	366910	106.72	UG/L	87
18) METHYL ACETATE	2.142	43	35967	11.76	UG/L	96
19) T-BUTYL ALCOHOL	2.318	59	31919	91.03	UG/L #	96
20) ACRYLONITRILE	2.424	53	11506	8.58	UG/L	93
21) METHYLENE CHLORIDE	2.220	49	35697	7.71	UG/L	92
22) CARBON DISULFIDE	2.022	76	556347	88.34	UG/L	99
23) METHYL TERT-BUTYL ETHE...	2.429	73	71436	10.32	UG/L	92
24) TRANS 1,2-DICHLOROETHENE	2.429	61	37297	9.19	UG/L	92
25) 1,1-DICHLOROETHANE	2.809	63	49186	9.62	UG/L #	97
26) VINYL ACETATE	2.867	43	707830	85.83	UG/L	98
27) DI ISOPROPYL ETHER	2.873	45	100339	8.79	UG/L	96
28) 2-BUTANONE	3.444	43	147810	89.66	UG/L	98
29) T-BUTYL ETHYL ETHER	3.246	59	84132	9.34	UG/L	95
30) CIS-1,2-DICHLOROETHENE	3.405	61	46296	10.05	UG/L	97
31) 2,2-DICHLOROPROPANE	3.391	77	45935	11.91	UG/L	96
32) ETHYL ACETATE	3.509	43	38622m	8.84	UG/L	
33) BROMOCHLOROMETHANE	3.656	128	13069	9.86	UG/L	91
34) TETRAHYDROFURAN	3.707	42	10520	8.26	UG/L #	88
36) CHLOROFORM	3.748	83	50081	11.30	UG/L	97
37) 1,1,1-TRICHLOROETHANE	3.913	97	48190	11.79	UG/L	98
38) CYCLOHEXANE	3.952	56	54535	8.48	UG/L	95
39) CARBON TETRACHLORIDE	4.072	117	42686	10.87	UG/L	100
40) 1,1-DICHLOROPROPENE	4.086	75	37347	9.92	UG/L	96
41) BENZENE	4.301	78	106256	10.17	UG/L	96
43) T-AMYL METHYL ETHER	4.434	73	70476	9.44	UG/L	95
46) 1,2-DICHLOROETHANE	4.340	62	38567	11.01	UG/L	97
47) TRICHLOROETHENE	4.981	95	29764	10.86	UG/L	97
48) METHYLCYCLOHEXANE	5.157	83	49504	10.77	UG/L	93
49) 1,2-DICHLOROPROPANE	5.226	63	28302	9.64	UG/L	95
50) DIBROMOMETHANE	5.349	93	17146	11.03	UG/L	97
51) 1,4-DIOXANE	5.397	88	3369	92.59	UG/L #	70
52) BROMODICHLOROMETHANE	5.525	83	42554	12.34	UG/L	97
53) 2-CHLOROETHYL VINYLETHER	5.868	63	210678	105.67	UG/L	96
54) MIBK	6.186	43	362988	98.72	UG/L	99

Data Path : C:\msdchem\1\data\B110724\
 Data File : B24V31209.D
 Acq On : 7 Nov 2024 10:21 am
 Operator :
 Sample : B0-BSD1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Inst : GCMSV0A2

Quant Time: Nov 08 09:52:29 2024
 Quant Method : C:\msdchem\1\methods\B082223W.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Nov 08 09:51:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) CIS-1,3-DICHLOROPROPENE	6.002	75	50328	11.34	UG/L	99
56) TOLUENE	6.333	91	126596	10.42	UG/L	100
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	45751	11.99	UG/L	97
59) 1,1,2-TRICHLOROETHANE	6.788	97	25183	10.87	UG/L	98
60) 2-HEXANONE	7.072	43	269102	97.42	UG/L	98
61) TETRACHLOROETHENE	6.900	164	26427	10.72	UG/L	97
62) 1,3-DICHLOROPROPANE	6.961	76	44610	10.58	UG/L	95
63) DIBROMOCHLOROMETHANE	7.192	129	35961	12.08	UG/L	97
64) 1,2-DIBROMOETHANE	7.296	107	29515	11.45	UG/L #	98
67) CHLOROBENZENE	7.823	112	88522	9.91	UG/L	97
68) 1,1,1,2-TETRACHLOROETHANE	7.917	131	33709	10.84	UG/L	99
69) ETHYLBENZENE	7.945	91	154509	10.17	UG/L	98
70) M/P-XYLENES	8.074	91	234554	19.63	UG/L	96
71) O-XYLENE	8.495	91	122731	10.07	UG/L	98
72) STYRENE	8.517	104	99620	10.03	UG/L	95
73) BROMOFORM	8.707	173	23255	10.69	UG/L #	94
74) ISOPROPYLBENZENE	8.893	105	159447	9.92	UG/L	98
76) 1,1,2,2-TETRACHLOROETHANE	9.248	83	39347	10.89	UG/L	99
77) 1,4-DICHLORO-2-BUTENE(...	9.309	53	16572	11.07	UG/L	89
78) BROMOBENZENE	9.206	77	57366	10.21	UG/L	96
79) 1,2,3-TRICHLOROPROPANE	9.281	110	12664	10.69	UG/L	100
80) N-PROPYLBENZENE	9.340	91	192585	10.28	UG/L	100
81) 2-CHLOROTOLUENE	9.421	91	107678	10.02	UG/L	95
82) 1,3,5-TRIMETHYLBENZENE	9.535	105	135985	10.27	UG/L	99
83) 4-CHLOROTOLUENE	9.540	91	126604	10.12	UG/L	97
85) TERT-BUTYLBENZENE	9.881	119	118750	10.51	UG/L	98
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	135724	10.79	UG/L	100
87) SEC-BUTYLBENZENE	10.118	105	161318	10.29	UG/L	100
88) 1,3-DICHLOROBENZENE	10.229	146	73676	10.38	UG/L	99
89) P-ISOPROPYLTOLUENE	10.282	119	147730	10.37	UG/L	98
90) 1,4-DICHLOROBENZENE	10.327	146	75165	10.10	UG/L	98
91) 1,2,3-TRIMETHYLBENZENE	10.385	105	136801	10.43	UG/L	99
92) N-BUTYLBENZENE	10.723	91	130310	10.96	UG/L	98
93) 1,2-DICHLOROBENZENE	10.726	146	67687	10.28	UG/L	98
94) 1,2-DIBROMO-3-CHLOROPR...	11.585	75	7860	12.09	UG/L	85
95) 1,3,5-TRICHLOROBENZENE	11.796	180	46427	10.20	UG/L	100
96) 1,2,4-TRICHLOROBENZENE	12.469	180	38922	10.30	UG/L	99
97) HEXACHLOROBUTADIENE	12.650	225	19189	10.99	UG/L	99
98) NAPHTHALENE	12.739	128	94710	10.28	UG/L	99
99) 1,2,3-TRICHLOROBENZENE	13.001	180	29058	9.58	UG/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

476

Inst : GCMSV0A2

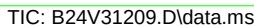
Quant Time: Nov 08 09:52:29 2024

Quant Method : C:\msdchem\1\methods\B082223W.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Fri Nov 08 09:51:50 2024

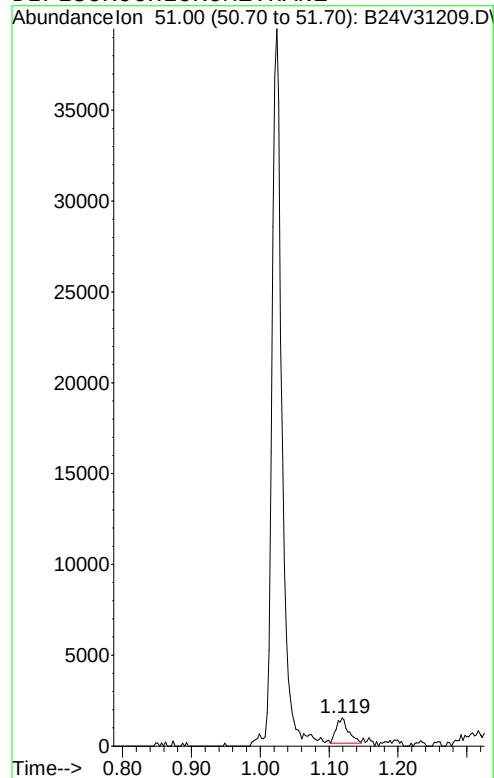
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31209.D
Acq On : 7 Nov 2024 10:21 am
Operator :
Sample : B0-BSD1
Misc :

Quant Time : Fri Nov 08 12:22:22 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration
DIFLUOROCHLOROMETHANE



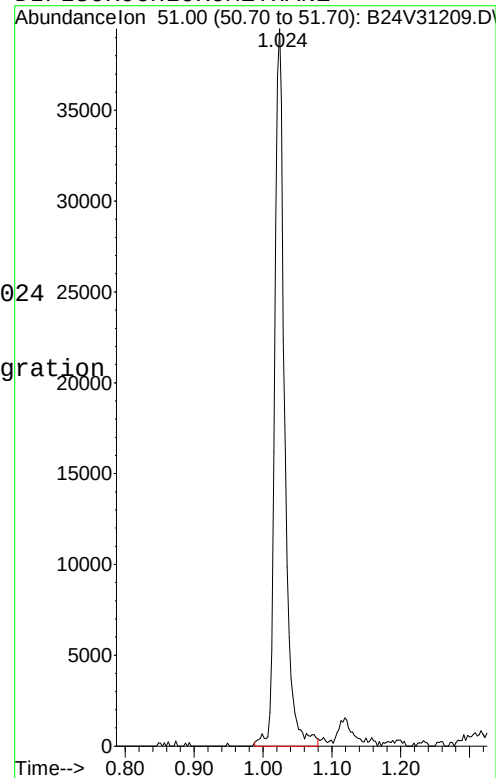
Original Int. Results

RT : 1.12
Area : 1721
Amount: 0.397352

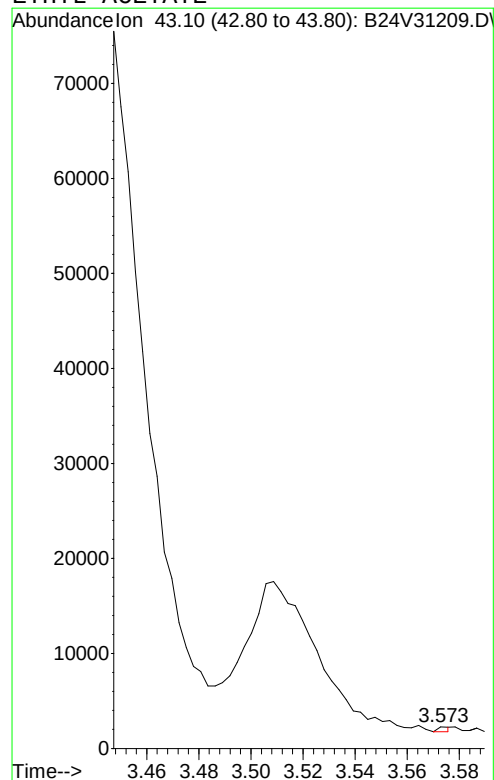
Manual Int. Results

Fri Nov 08 12:21:08 2024
MIuser: LBD
Reason: Incoret Integration
RT : 1.02
Area : 39766
Amount: 9.18134

Manual Integration
DIFLUOROCHLOROMETHANE



Original Integration
ETHYL ACETATE



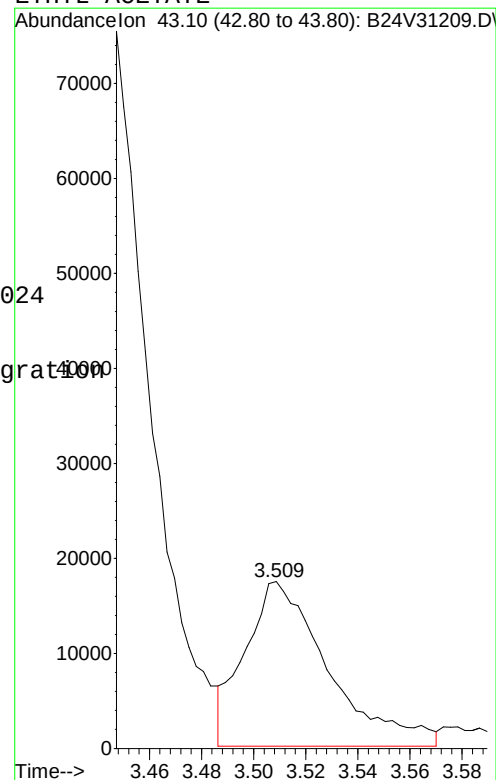
Original Int. Results

RT : 3.57
Area : 169
Amount: 0.0386843

Manual Int. Results

Fri Nov 08 12:21:44 2024
MIuser: LBD
Reason: Incoret Integration
RT : 3.51
Area : 38622
Amount: 8.84062

Manual Integration
ETHYL ACETATE



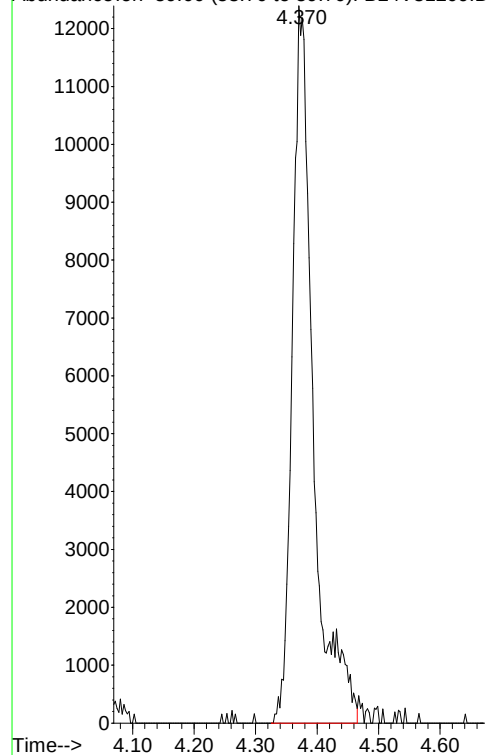
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31209.D
Acq On : 7 Nov 2024 10:21 am
Operator :
Sample : B0-BSD1
Misc :

Quant Time : Fri Nov 08 12:22:22 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

T-BUTYL FORMATE

Abundance Ion 59.00 (58.70 to 59.70): B24V31209.D



Original Int. Results

RT : 4.37
Area : 28988
Amount: 0

Manual Int. Results

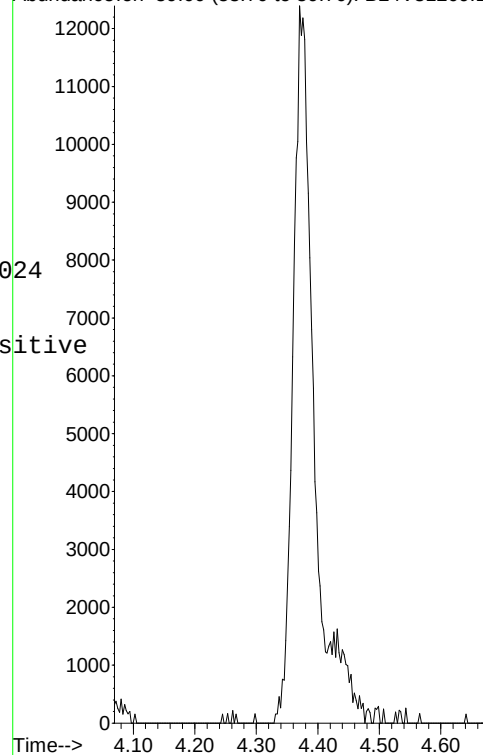
Fri Nov 08 12:21:54 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-BUTYL FORMATE

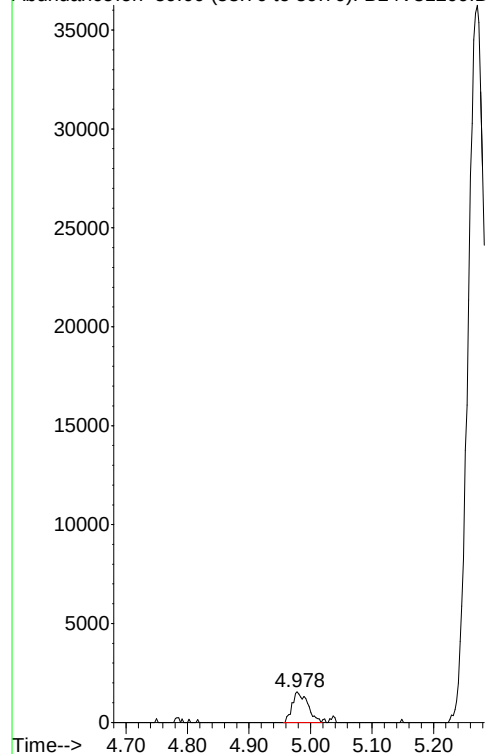
Abundance Ion 59.00 (58.70 to 59.70): B24V31209.D



Original Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B24V31209.D



Original Int. Results

RT : 4.98
Area : 2691
Amount: 0

Manual Int. Results

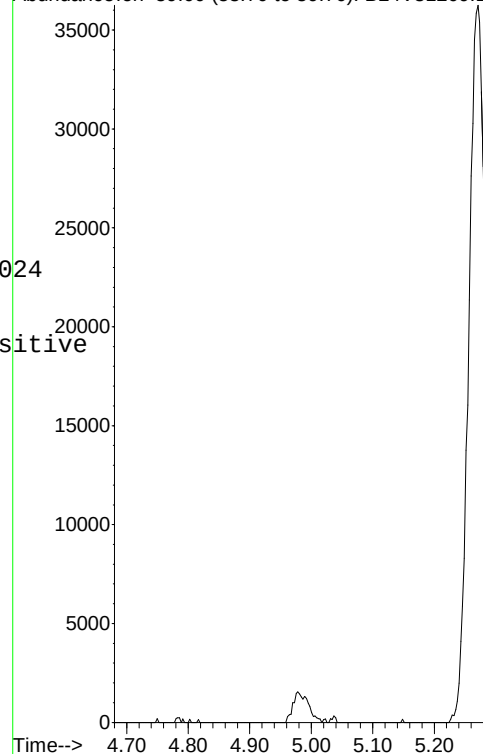
Fri Nov 08 12:22:00 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

T-AMYL ALCOHOL

Abundance Ion 59.00 (58.70 to 59.70): B24V31209.D



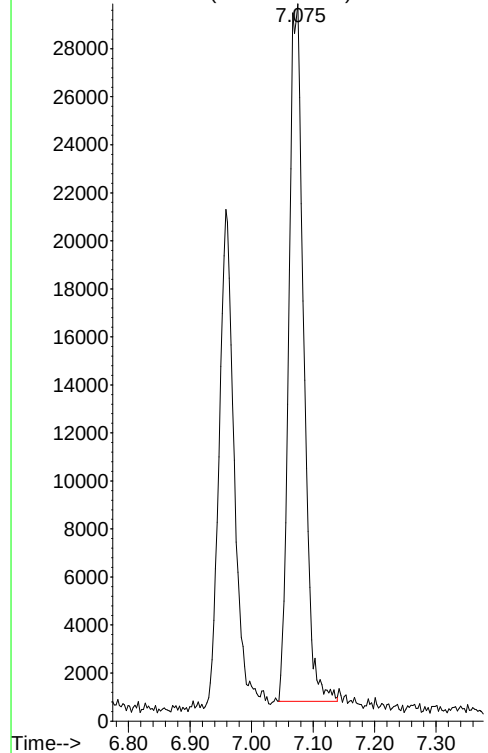
Data Path : C:\msdchem\1\data\B110724\
Data File : B24V31209.D
Acq On : 7 Nov 2024 10:21 am
Operator :
Sample : B0-BSD1
Misc :

Quant Time : Fri Nov 08 12:22:22 2024
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Fri Nov 08 09:51:50 2024

Original Integration

ETHYL METHACRYLATE

Abundance Ion 41.10 (40.80 to 41.80): B24V31209.D



Original Int. Results

RT : 7.08
Area : 48722
Amount: 0

Manual Int. Results

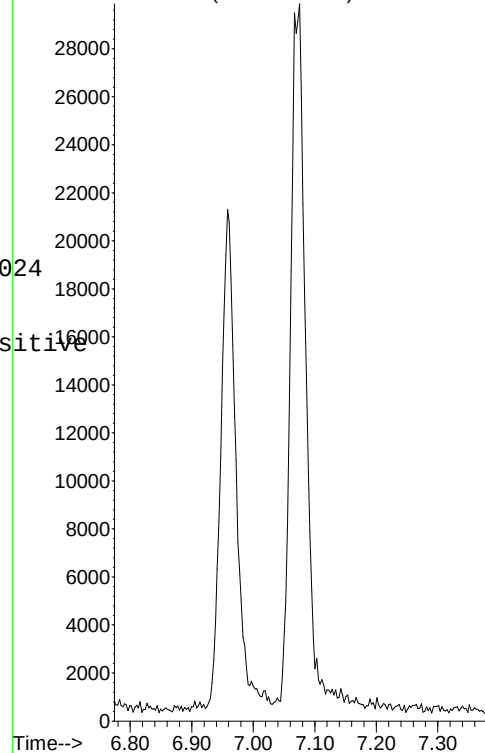
Fri Nov 08 12:22:11 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

ETHYL METHACRYLATE

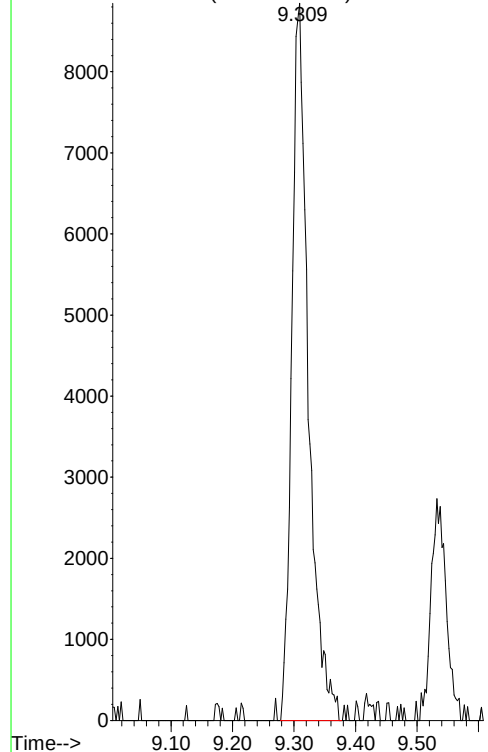
Abundance Ion 41.10 (40.80 to 41.80): B24V31209.D



Original Integration

CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B24V31209.D



Original Int. Results

RT : 9.31
Area : 16572
Amount: 0

Manual Int. Results

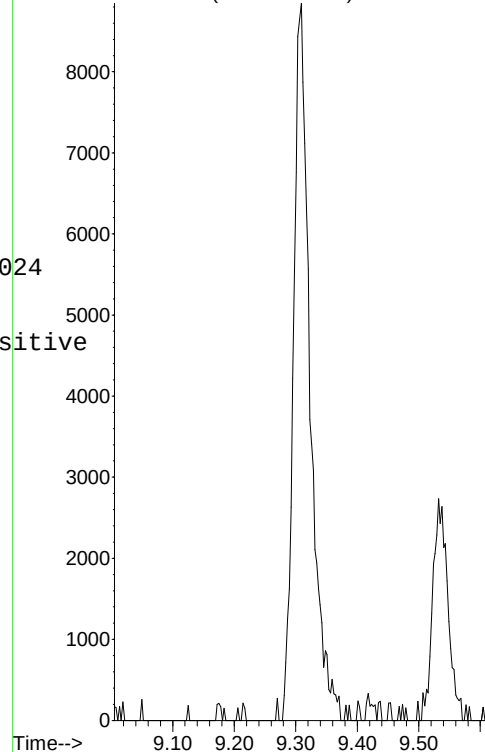
Fri Nov 08 12:22:21 2024

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration

CIS-1,4-DICHLORO-2-BUTENE

Abundance Ion 53.10 (52.80 to 53.80): B24V31209.D



VOC DEPARTMENT | PREPARATION BENCH SHEET

B391460

CON-TEST ANALYTICAL LABORATORY

Printed: 11/7/2024 12:24:37PM

Matrix: Water				Prepared using: VOC - SW-846 5030B					Surrogate used: 24G1215			
Lab Number	Sample Name	Sample ID Verified (Signature)	Analysis	Due Date	TAT	Initial (mL)	Final (mL)	Spike ID	Source ID	uL Spike	Location	Extraction Comments
24I4347-02	MW-2		8260 DER TCL	12/02/24 14:00	20	5	5				Refrigerator 45-1S	Cat B Rpt to MDL
24I4347-03	MW-3		8260 DER TCL	12/02/24 14:00	20	5	5				Refrigerator 45-1S	Cat B Rpt to MDL
24I4347-04	MW-4		8260 DER TCL	12/02/24 14:00	20	5	5				Refrigerator 45-1S	Cat B Rpt to MDL
24I4347-05	MW-5		8260 DER TCL	12/02/24 14:00	20	5	5				Refrigerator 45-1S	Cat B Rpt to MDL
24I4347-06	MW-6R		8260 DER TCL	12/02/24 14:00	20	5	5				Refrigerator 45-1S	Cat B Rpt to MDL
24I4347-07	MW-8		8260 DER TCL	12/02/24 14:00	20	5	5				Refrigerator 45-1S	Cat B Rpt to MDL
24I4347-08	DUP		8260 DER TCL	12/02/24 14:00	20	5	5				Refrigerator 45-1S	Cat B Rpt to MDL
24K0238-01	SOH-MW-102-S		8260 DER TCL	12/04/24 14:00	20	5	5				LOG-IN	CAT B, Rpt to MDL
24K0238-02	SOH-MW-108-I		8260 DER TCL	12/04/24 14:00	20	5	5				LOG-IN	CAT B, Rpt to MDL
24K0238-03	SOH-MW-108-BR-A		8260 DER TCL	12/04/24 14:00	20	5	5				LOG-IN	CAT B, Rpt to MDL
24K0238-04	SOH-MW-102-BR-A		8260 DER TCL	12/04/24 14:00	20	5	5				LOG-IN	CAT B, Rpt to MDL
24K0238-05	SOH-MW-108-S		8260 DER TCL	12/04/24 14:00	20	5	5				LOG-IN	CAT B, Rpt to MDL
24K0238-06	SOH-MW-106-S		8260 DER TCL	12/04/24 14:00	20	5	5				LOG-IN	CAT B, Rpt to MDL
24K0238-07	SOH-MW-101-BR-A		8260 DER TCL	12/04/24 14:00	20	5	5				LOG-IN	CAT B, Rpt to MDL
B391460-BLK1	Blank		QC			5	5					
B391460-BS1	LCS		QC			5	5	24I0003		5		
B391460-BSD1	LCS Dup		QC			5	5	24I0003		5		
B391460-MS1	Matrix Spike		QC			5	5	24I0003	24I4347-05	5		
B391460-MSD1	Matrix Spike Dup		QC			5	5	24I0003	24I4347-05	5		

11/6/24#3 1ST

VOC DEPARTMENT | PREPARATION BENCH SHEET

B391625

CON-TEST ANALYTICAL LABORATORY

Printed: 11/12/2024 2:17:07PM

Matrix: Water			Prepared using: VOC - SW-846 5030B						Surrogate used: 24G1215			
Lab Number	Sample Name	Sample ID Verified (Signature)	Analysis	Due Date	TAT	Initial (mL)	Final (mL)	Spike ID	Source ID	uL Spike	Location	Extraction Comments
24I4347-01	MW-1		8260 DER TCL	12/02/24 14:00	20	5	5				Refrigerator 45-1S	RR UND
24K0272-04	Equipment Blank-04		8260 DER TCL	12/05/24 14:00	20	5	5				LOG-IN	CAT B, Rpt to MDL
24K0272-06	Trip Blank		8260 DER TCL	12/05/24 14:00	20	5	5				LOG-IN	CAT B, Rpt to MDL
24K0399-16	Trip Blank		8260 DER TCL	11/20/24 14:00	10	5	5				LOG-IN	CAT B - Report to MDL
B391625-BLK1	Blank		QC			5	5					
B391625-BS1	LCS		QC			5	5	24I0003		5		
B391625-BSD1	LCS Dup		QC			5	5	24I0003		5		

11/7/24#2 1st

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Date			Filename	Lab ID	Sample Info
6 Nov 2024	9:31	am	C24V31101.D	CHK	
6 Nov 2024	9:57	am	C24V31102.D	BLK	
6 Nov 2024	10:24	am	C24V31103.D	PRIME	
6 Nov 2024	10:51	am	C24V31104.D	BFB	pH<2
6 Nov 2024	11:18	am	C24V31105.D	8260 STD 10PPB 24J0835	
6 Nov 2024	11:44	am	C24V31106.D	B0BS1	
6 Nov 2024	12:11	pm	C24V31107.D	B0BSD1	
6 Nov 2024	12:38	pm	C24V31108.D	BLK	
6 Nov 2024	1:05	pm	C24V31109.D	BLK	
6 Nov 2024	1:31	pm	C24V31110.D	B0BLK1	
6 Nov 2024	1:58	pm	C24V31111.D	24J4347-02	
6 Nov 2024	2:25	pm	C24V31112.D	24J4347-03	
6 Nov 2024	2:52	pm	C24V31113.D	24J4347-04	
6 Nov 2024	3:18	pm	C24V31114.D	24J4347-06	
6 Nov 2024	3:45	pm	C24V31115.D	24J4347-07	
6 Nov 2024	4:12	pm	C24V31116.D	24J4347-08	
6 Nov 2024	4:38	pm	C24V31117.D	24K0238-05	
6 Nov 2024	5:05	pm	C24V31118.D	24K0238-07	
6 Nov 2024	5:32	pm	C24V31119.D	24K0238-06 @ 20X	20
6 Nov 2024	5:58	pm	C24V31120.D	24K0238-04	
6 Nov 2024	6:25	pm	C24V31121.D	24K0179-02RE1	
6 Nov 2024	6:52	pm	C24V31122.D	24K0238-02	
6 Nov 2024	7:19	pm	C24V31123.D	24K0238-01 @ 200X	200
6 Nov 2024	7:45	pm	C24V31124.D	24K0238-03 @ 5X	5
6 Nov 2024	8:12	pm	C24V31125.D	24K0179-03RE1 @ 25X	25
6 Nov 2024	8:39	pm	C24V31126.D	24J4347-01 @ 2X	2
6 Nov 2024	9:06	pm	C24V31127.D	BLK	
6 Nov 2024	9:33	pm	C24V31128.D	24J4347-05	
6 Nov 2024	9:59	pm	C24V31129.D	B391460-MS1	
6 Nov 2024	10:26	pm	C24V31130.D	B391460-MSD1	
6 Nov 2024	10:53	pm	C24V31131.D	CHK	
6 Nov 2024	11:20	pm	C24V31132.D	BLK	
6 Nov 2024	11:47	pm	C24V31133.D	PRIME	
7 Nov 2024	12:13	am	C24V31134.D	BFB	
7 Nov 2024	12:40	am	C24V31135.D	8260STD 10PPB 240835	
7 Nov 2024	1:07	am	C24V31136.D	B0-BS1	
7 Nov 2024	1:34	am	C24V31137.D	B0-BSD1	
7 Nov 2024	2:00	am	C24V31138.D	BLK	
7 Nov 2024	2:27	am	C24V31139.D	BLK	
7 Nov 2024	2:54	am	C24V31140.D	B0-BLK1	
7 Nov 2024	3:20	am	C24V31141.D	24K0238-19	
7 Nov 2024	3:47	am	C24V31142.D	24K0238-15	
7 Nov 2024	4:14	am	C24V31143.D	24K0238-16	
7 Nov 2024	4:41	am	C24V31144.D	24K0238-17	
7 Nov 2024	5:07	am	C24V31145.D	24K0238-08 @ 2X	2
7 Nov 2024	5:34	am	C24V31146.D	24K0238-18 @ 2X	2
7 Nov 2024	6:01	am	C24V31147.D	24K0238-09 @ 1000X	1000
7 Nov 2024	6:28	am	C24V31148.D	24K0238-10 @ 100X	100
7 Nov 2024	6:55	am	C24V31149.D	BLK	
7 Nov 2024	7:21	am	C24V31150.D	24K0238-14	
7 Nov 2024	7:48	am	C24V31151.D	24K0238-13 @ 250X	250
7 Nov 2024	8:15	am	C24V31152.D	24K0238-08 @ 2X MS	2
7 Nov 2024	8:41	am	C24V31153.D	24K0238-08 @ 2X MSD	2

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Date		Filename	Lab ID	Sample Info
7 Nov 2024	6:53 am	B24V31201.D	CLEAN UP	
7 Nov 2024	7:19 am	B24V31202.D	24K0272-09 @ 100X	SCREEN pH<2
7 Nov 2024	7:45 am	B24V31203.D	24K0274-02 @ 200X	SCREEN
7 Nov 2024	8:11 am	B24V31204.D	24K0173-01 @ 200X	SCREEN
7 Nov 2024	8:37 am	B24V31205.D	24K0485-01 @ 100X	SCREEN
7 Nov 2024	9:03 am	B24V31206.D	BFB	
7 Nov 2024	9:29 am	B24V31207.D	8260 STD 10 PPB	24J0835
7 Nov 2024	9:55 am	B24V31208.D	B0-BS1	
7 Nov 2024	10:21 am	B24V31209.D	B0-BSD1	
7 Nov 2024	10:47 am	B24V31210.D	BLK	
7 Nov 2024	11:13 am	B24V31211.D	B0-BLK1	
7 Nov 2024	11:39 am	B24V31212.D	24K0272-04	
7 Nov 2024	12:05 pm	B24V31213.D	24K0272-06	
7 Nov 2024	12:31 pm	B24V31214.D	24K0399-16	
7 Nov 2024	12:57 pm	B24V31215.D	24J4347-01	
7 Nov 2024	1:23 pm	B24V31216.D	24K0399-15	
7 Nov 2024	1:49 pm	B24V31217.D	24K0399-13	
7 Nov 2024	2:15 pm	B24V31218.D	24K0272-02	
7 Nov 2024	2:41 pm	B24V31219.D	24K0399-12 @ 50X	
7 Nov 2024	3:07 pm	B24V31220.D	24K0399-14 @ 5X	
7 Nov 2024	3:33 pm	B24V31221.D	24K0272-01 @ 20X	
7 Nov 2024	3:59 pm	B24V31222.D	24K0272-03 @ 2X	
7 Nov 2024	4:25 pm	B24V31223.D	24K0272-07 @ 4X	
7 Nov 2024	5:55 pm	B24V31224.D	24K0272-08 @ 400X	



ANALYTICAL REPORT

Lab Number:	L2511795
Client:	NYDEC_NYS DIVISION OF ENV REMEDICATION 625 Broadway, 12th Floor Albany, NY 12233
ATTN:	
Phone:	Kyle Forster (518) 402-8644
Project Name:	FORMER RKO DRY CLEANERS
Project Number:	CO 151681/S 401065
Report Date:	03/25/25

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Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).



Project Name: FORMER RKO DRY CLEANERS
Project Number: CO 151681/S 401065

Lab Number: L2511795
Report Date: 03/25/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2511795-01	562W-SS	SOIL_VAPOR	566 WASHINGTON AVENUE, ALBANY, NY	02/28/25 10:01	02/28/25
L2511795-02	562W-IAB	AIR	566 WASHINGTON AVENUE, ALBANY, NY	02/28/25 10:01	02/28/25
L2511795-03	562W-IA1	AIR	566 WASHINGTON AVENUE, ALBANY, NY	02/28/25 10:05	02/28/25
L2511795-04	562W-OA	AIR	566 WASHINGTON AVENUE, ALBANY, NY	02/28/25 10:09	02/28/25

Project Name: FORMER RKO DRY CLEANERS
Project Number: CO 151681/S 401065

Lab Number: L2511795
Report Date: 03/25/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: FORMER RKO DRY CLEANERS
Project Number: CO 151681/S 401065

Lab Number: L2511795
Report Date: 03/25/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 21, 2025. The canister certification data is provided as an addendum.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

L2511795-01D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

The WG2043884-3 LCS recovery associated with L2511795-01D, -02, -03, and -04 is above the upper 130% acceptance limit for bromoform (158%). All samples associated with this LCS do not have reportable amounts of this analyte.

The WG2043884-2 CC recovery associated with L2511795-01D, -02, -03, and -04 is below the acceptance limit for chloromethane. All samples associated with this CC that have reportable amounts of this analyte will be reported with low bias.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Christopher J. Anderson

Title: Technical Director/Representative

Date: 03/25/25

AIR

Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2511795-01 D
 Client ID: 562W-SS
 Sample Location: 566 WASHINGTON AVENUE, ALBANY, NY

Date Collected: 02/28/25 10:01
 Date Received: 02/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 03/23/25 03:13
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.644	0.674	0.168	3.18	3.33	0.831	J	3.372
Chloromethane	0.529	0.674	0.255	1.09	1.39	0.527	J	3.372
Freon-114	ND	0.169	0.022	ND	1.18	0.151		3.372
Vinyl chloride	0.091	0.067	0.030	0.233	0.172	0.076		3.372
Bromomethane	ND	0.067	0.032	ND	0.262	0.123		3.372
Chloroethane	ND	0.337	0.133	ND	0.889	0.351		3.372
Ethanol	21.2	16.9	4.55	39.9	31.8	8.57		3.372
Trichlorofluoromethane	0.256	0.169	0.031	1.44	0.950	0.174		3.372
1,1-Dichloroethene	ND	0.067	0.026	ND	0.267	0.103		3.372
Tert-Butyl Alcohol	ND	1.69	0.452	ND	5.12	1.37		3.372
Methylene chloride	ND	1.69	0.371	ND	5.87	1.29		3.372
Freon-113	0.091	0.169	0.028	0.697	1.30	0.215	J	3.372
trans-1,2-Dichloroethene	ND	0.067	0.030	ND	0.267	0.120		3.372
1,1-Dichloroethane	0.135	0.067	0.029	0.546	0.273	0.117		3.372
Methyl tert butyl ether	ND	0.674	0.088	ND	2.43	0.317		3.372
2-Butanone	0.931	1.69	0.445	2.75	4.98	1.31	J	3.372
cis-1,2-Dichloroethene	0.239	0.067	0.034	0.948	0.267	0.136		3.372
Chloroform	0.138	0.067	0.024	0.674	0.329	0.117		3.372
1,2-Dichloroethane	0.041	0.067	0.028	0.164	0.273	0.113	J	3.372
n-Hexane	2.58	0.674	0.159	9.09	2.38	0.560		3.372
1,1,1-Trichloroethane	ND	0.067	0.020	ND	0.368	0.109		3.372
Benzene	0.226	0.337	0.100	0.722	1.08	0.319	J	3.372
Carbon tetrachloride	0.108	0.067	0.037	0.679	0.424	0.233		3.372



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2511795-01 D
 Client ID: 562W-SS
 Sample Location: 566 WASHINGTON AVENUE, ALBANY, NY

Date Collected: 02/28/25 10:01
 Date Received: 02/28/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	ND	0.674	0.106	ND	2.32	0.365		3.372
1,2-Dichloropropane	ND	0.067	0.028	ND	0.312	0.129		3.372
Bromodichloromethane	ND	0.067	0.025	ND	0.452	0.167		3.372
1,4-Dioxane	ND	0.337	0.116	ND	1.21	0.418		3.372
Trichloroethene	0.108	0.067	0.020	0.580	0.362	0.109		3.372
2,2,4-Trimethylpentane	2.74	0.674	0.125	12.8	3.15	0.584		3.372
Heptane	0.148	0.674	0.106	0.607	2.76	0.434	J	3.372
cis-1,3-Dichloropropene	ND	0.067	0.040	ND	0.306	0.181		3.372
4-Methyl-2-pentanone	ND	1.69	0.644	ND	6.93	2.64		3.372
trans-1,3-Dichloropropene	ND	0.067	0.039	ND	0.306	0.176		3.372
1,1,2-Trichloroethane	ND	0.067	0.033	ND	0.368	0.178		3.372
Toluene	0.300	0.337	0.056	1.13	1.27	0.211	J	3.372
Dibromochloromethane	ND	0.067	0.027	ND	0.574	0.230		3.372
1,2-Dibromoethane	ND	0.067	0.031	ND	0.518	0.236		3.372
Tetrachloroethene	0.354	0.067	0.025	2.40	0.457	0.170		3.372
Chlorobenzene	ND	0.337	0.087	ND	1.55	0.401		3.372
Ethylbenzene	0.078	0.067	0.029	0.337	0.293	0.125		3.372
p/m-Xylene	0.263	0.135	0.061	1.14	0.586	0.264		3.372
Bromoform	ND	0.067	0.037	ND	0.697	0.387		3.372
Styrene	0.034	0.067	0.027	0.143	0.287	0.113	J	3.372
1,1,2,2-Tetrachloroethane	ND	0.067	0.023	ND	0.463	0.155		3.372
o-Xylene	0.145	0.067	0.029	0.630	0.293	0.127		3.372
1,3,5-Trimethylbenzene	0.061	0.067	0.032	0.298	0.331	0.159	J	3.372
1,2,4-Trimethylbenzene	0.250	0.067	0.026	1.23	0.331	0.126		3.372
Benzyl chloride	ND	0.337	0.112	ND	1.74	0.580		3.372
1,3-Dichlorobenzene	ND	0.067	0.026	ND	0.405	0.156		3.372



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2511795-01 D

Date Collected: 02/28/25 10:01

Client ID: 562W-SS

Date Received: 02/28/25

Sample Location: 566 WASHINGTON AVENUE, ALBANY, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	ND	0.067	0.025	ND	0.405	0.152		3.372
1,2-Dichlorobenzene	ND	0.067	0.021	ND	0.405	0.126		3.372
1,2,4-Trichlorobenzene	ND	0.169	0.049	ND	1.25	0.365		3.372
Naphthalene	0.071	0.169	0.071	0.371	0.886	0.371	J	3.372
Hexachlorobutadiene	ND	0.169	0.037	ND	1.80	0.396		3.372

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	87		60-140



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2511795-02
 Client ID: 562W-IAB
 Sample Location: 566 WASHINGTON AVENUE, ALBANY, NY

Date Collected: 02/28/25 10:01
 Date Received: 02/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 03/22/25 19:10
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.621	0.200	0.050	3.07	0.989	0.247		1
Chloromethane	0.459	0.200	0.076	0.948	0.413	0.156		1
Freon-114	0.017	0.050	0.006	0.119	0.349	0.045	J	1
Vinyl chloride	0.113	0.020	0.009	0.289	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	10.6	5.00	1.35	20.0	9.42	2.54		1
Trichlorofluoromethane	0.249	0.050	0.009	1.40	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406		1
Methylene chloride	0.133	0.500	0.110	0.462	1.74	0.382	J	1
Freon-113	0.076	0.050	0.008	0.583	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	0.280	0.500	0.132	0.826	1.47	0.389	J	1
cis-1,2-Dichloroethene	0.306	0.020	0.010	1.21	0.079	0.040		1
Chloroform	0.128	0.020	0.007	0.625	0.098	0.035		1
1,2-Dichloroethane	0.024	0.020	0.008	0.097	0.081	0.034		1
n-Hexane	0.449	0.200	0.047	1.58	0.705	0.166		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	0.183	0.100	0.030	0.585	0.319	0.095		1
Carbon tetrachloride	0.095	0.020	0.011	0.598	0.126	0.069		1



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2511795-02

Client ID: 562W-IAB

Sample Location: 566 WASHINGTON AVENUE, ALBANY, NY

Date Collected: 02/28/25 10:01

Date Received: 02/28/25

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	0.044	0.200	0.031	0.151	0.688	0.108	J	1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	0.147	0.020	0.006	0.790	0.107	0.032		1
2,2,4-Trimethylpentane	0.060	0.200	0.037	0.280	0.934	0.173	J	1
Heptane	0.119	0.200	0.031	0.488	0.820	0.128	J	1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	0.198	0.100	0.017	0.746	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	0.349	0.020	0.007	2.37	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	0.041	0.020	0.009	0.178	0.087	0.037		1
p/m-Xylene	0.136	0.040	0.018	0.591	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	0.015	0.020	0.008	0.064	0.085	0.034	J	1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	0.054	0.020	0.009	0.235	0.087	0.038		1
1,3,5-Trimethylbenzene	0.016	0.020	0.010	0.079	0.098	0.047	J	1
1,2,4-Trimethylbenzene	0.049	0.020	0.008	0.241	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2511795-02

Date Collected: 02/28/25 10:01

Client ID: 562W-IAB

Date Received: 02/28/25

Sample Location: 566 WASHINGTON AVENUE, ALBANY, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	0.012	0.020	0.008	0.072	0.120	0.045	J	1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	0.022	0.050	0.015	0.163	0.371	0.108	J	1
Naphthalene	0.036	0.050	0.021	0.189	0.262	0.110	J	1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	84		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	85		60-140



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2511795-03
 Client ID: 562W-IA1
 Sample Location: 566 WASHINGTON AVENUE, ALBANY, NY

Date Collected: 02/28/25 10:05
 Date Received: 02/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 03/22/25 19:50
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.636	0.200	0.050	3.14	0.989	0.247		1
Chloromethane	0.526	0.200	0.076	1.09	0.413	0.156		1
Freon-114	0.017	0.050	0.006	0.119	0.349	0.045	J	1
Vinyl chloride	0.049	0.020	0.009	0.125	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	31.7	5.00	1.35	59.7	9.42	2.54		1
Trichlorofluoromethane	0.252	0.050	0.009	1.42	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406		1
Methylene chloride	0.131	0.500	0.110	0.455	1.74	0.382	J	1
Freon-113	0.075	0.050	0.008	0.575	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	0.300	0.500	0.132	0.885	1.47	0.389	J	1
cis-1,2-Dichloroethene	0.126	0.020	0.010	0.500	0.079	0.040		1
Chloroform	0.082	0.020	0.007	0.400	0.098	0.035		1
1,2-Dichloroethane	0.040	0.020	0.008	0.162	0.081	0.034		1
n-Hexane	0.439	0.200	0.047	1.55	0.705	0.166		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	0.182	0.100	0.030	0.581	0.319	0.095		1
Carbon tetrachloride	0.105	0.020	0.011	0.660	0.126	0.069		1



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2511795-03

Client ID: 562W-IA1

Sample Location: 566 WASHINGTON AVENUE, ALBANY, NY

Date Collected: 02/28/25 10:05

Date Received: 02/28/25

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	0.044	0.200	0.031	0.151	0.688	0.108	J	1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	0.059	0.020	0.006	0.317	0.107	0.032		1
2,2,4-Trimethylpentane	0.062	0.200	0.037	0.290	0.934	0.173	J	1
Heptane	0.111	0.200	0.031	0.455	0.820	0.128	J	1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	0.227	0.100	0.017	0.855	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	0.150	0.020	0.007	1.02	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	0.074	0.020	0.009	0.321	0.087	0.037		1
p/m-Xylene	0.271	0.040	0.018	1.18	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	0.023	0.020	0.008	0.098	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	0.137	0.020	0.009	0.595	0.087	0.038		1
1,3,5-Trimethylbenzene	0.115	0.020	0.010	0.565	0.098	0.047		1
1,2,4-Trimethylbenzene	0.283	0.020	0.008	1.39	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2511795-03

Date Collected: 02/28/25 10:05

Client ID: 562W-IA1

Date Received: 02/28/25

Sample Location: 566 WASHINGTON AVENUE, ALBANY, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	0.030	0.020	0.008	0.180	0.120	0.045		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	84		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	83		60-140



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2511795-04
 Client ID: 562W-OA
 Sample Location: 566 WASHINGTON AVENUE, ALBANY, NY

Date Collected: 02/28/25 10:09
 Date Received: 02/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 03/22/25 17:12
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.595	0.200	0.050	2.94	0.989	0.247		1
Chloromethane	0.505	0.200	0.076	1.04	0.413	0.156		1
Freon-114	0.017	0.050	0.006	0.119	0.349	0.045	J	1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	3.24	5.00	1.35	6.10	9.42	2.54	J	1
Trichlorofluoromethane	0.237	0.050	0.009	1.33	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406		1
Methylene chloride	0.119	0.500	0.110	0.413	1.74	0.382	J	1
Freon-113	0.075	0.050	0.008	0.575	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	0.225	0.500	0.132	0.664	1.47	0.389	J	1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	0.018	0.020	0.007	0.088	0.098	0.035	J	1
1,2-Dichloroethane	0.019	0.020	0.008	0.077	0.081	0.034	J	1
n-Hexane	0.661	0.200	0.047	2.33	0.705	0.166		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	0.162	0.100	0.030	0.518	0.319	0.095		1
Carbon tetrachloride	0.091	0.020	0.011	0.572	0.126	0.069		1



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2511795-04

Client ID: 562W-OA

Sample Location: 566 WASHINGTON AVENUE, ALBANY, NY

Date Collected: 02/28/25 10:09

Date Received: 02/28/25

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	0.032	0.200	0.031	0.110	0.688	0.108	J	1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
2,2,4-Trimethylpentane	0.051	0.200	0.037	0.238	0.934	0.173	J	1
Heptane	0.061	0.200	0.031	0.250	0.820	0.128	J	1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	0.157	0.100	0.017	0.592	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	0.019	0.020	0.007	0.129	0.136	0.050	J	1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	0.027	0.020	0.009	0.117	0.087	0.037		1
p/m-Xylene	0.085	0.040	0.018	0.369	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	0.034	0.020	0.009	0.148	0.087	0.038		1
1,3,5-Trimethylbenzene	0.011	0.020	0.010	0.054	0.098	0.047	J	1
1,2,4-Trimethylbenzene	0.029	0.020	0.008	0.143	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25**SAMPLE RESULTS**

Lab ID: L2511795-04

Client ID: 562W-OA

Sample Location: 566 WASHINGTON AVENUE, ALBANY, NY

Date Collected: 02/28/25 10:09

Date Received: 02/28/25

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	94		60-140



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 03/22/25 15:44

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-04 Batch: WG2043884-4								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	ND	5.00	1.35	ND	9.42	2.54		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	ND	0.020	0.007	ND	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
n-Hexane	ND	0.200	0.047	ND	0.705	0.166		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1
Cyclohexane	ND	0.200	0.031	ND	0.688	0.108		1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 03/22/25 15:44

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-04 Batch: WG2043884-4								
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173		1
Heptane	ND	0.200	0.031	ND	0.820	0.128		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1



Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 03/22/25 15:44

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-04 Batch: WG2043884-4								
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1



Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER RKO DRY CLEANERS

Project Number: CO 151681/S 401065

Lab Number: L2511795

Report Date: 03/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-04 Batch: WG2043884-3								
Dichlorodifluoromethane	106		-		70-130	-		25
Chloromethane	69	Q	-		70-130	-		25
Freon-114	87		-		70-130	-		25
Vinyl chloride	74		-		70-130	-		25
Bromomethane	81		-		70-130	-		25
Chloroethane	75		-		70-130	-		25
Ethanol	78		-		40-160	-		25
Trichlorofluoromethane	95		-		70-130	-		25
1,1-Dichloroethene	81		-		70-130	-		25
Tert-Butyl Alcohol ¹	70		-		70-130	-		25
Methylene chloride	80		-		70-130	-		25
Freon-113	89		-		70-130	-		25
trans-1,2-Dichloroethene	83		-		70-130	-		25
1,1-Dichloroethane	76		-		70-130	-		25
Methyl tert butyl ether	90		-		70-130	-		25
2-Butanone	94		-		70-130	-		25
cis-1,2-Dichloroethene	75		-		70-130	-		25
Chloroform	80		-		70-130	-		25
1,2-Dichloroethane	80		-		70-130	-		25
n-Hexane	101		-		70-130	-		25
1,1,1-Trichloroethane	101		-		70-130	-		25
Benzene	82		-		70-130	-		25
Carbon tetrachloride	107		-		70-130	-		25

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER RKO DRY CLEANERS

Lab Number: L2511795

Project Number: CO 151681/S 401065

Report Date: 03/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-04 Batch: WG2043884-3								
Cyclohexane	91		-		70-130	-		25
1,2-Dichloropropane	78		-		70-130	-		25
Bromodichloromethane	109		-		70-130	-		25
1,4-Dioxane	97		-		70-130	-		25
Trichloroethene	91		-		70-130	-		25
2,2,4-Trimethylpentane	94		-		70-130	-		25
Heptane	106		-		70-130	-		25
cis-1,3-Dichloropropene	95		-		70-130	-		25
4-Methyl-2-pentanone	105		-		70-130	-		25
trans-1,3-Dichloropropene	106		-		70-130	-		25
1,1,2-Trichloroethane	90		-		70-130	-		25
Toluene	86		-		70-130	-		25
Dibromochloromethane	126		-		70-130	-		25
1,2-Dibromoethane	98		-		70-130	-		25
Tetrachloroethene	95		-		70-130	-		25
Chlorobenzene	90		-		70-130	-		25
Ethylbenzene	88		-		70-130	-		25
p/m-Xylene	92		-		70-130	-		25
Bromoform	158	Q	-		70-130	-		25
Styrene	93		-		70-130	-		25
1,1,2,2-Tetrachloroethane	86		-		70-130	-		25
o-Xylene	93		-		70-130	-		25
1,3,5-Trimethylbenzene	100		-		70-130	-		25

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER RKO DRY CLEANERS

Project Number: CO 151681/S 401065

Lab Number: L2511795

Report Date: 03/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-04 Batch: WG2043884-3								
1,2,4-Trimethylbenzene	98		-		70-130	-		25
Benzyl chloride	109		-		70-130	-		25
1,3-Dichlorobenzene	103		-		70-130	-		25
1,4-Dichlorobenzene	104		-		70-130	-		25
1,2-Dichlorobenzene	103		-		70-130	-		25
1,2,4-Trichlorobenzene	115		-		70-130	-		25
Naphthalene	94		-		70-130	-		25
Hexachlorobutadiene	118		-		70-130	-		25

Project Name: FORMER RKO DRY CLEANERS

Lab Number: Serial_No:03252517:35
L2511795

Project Number: CO 151681/S 401065

Report Date: 03/25/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controller Leak Chk	Flow Out mL/min	Flow In	% RPD
L2511795-01	562W-SS	0016	Flow 4	02/21/25	507753		-	-	-	Pass	3.0	3.5	15
L2511795-01	562W-SS	3658	6.0L Can	02/21/25	507753	L2508934-06	Pass	-29.7	-21.1	-	-	-	-
L2511795-02	562W-IAB	02697	Flow 4	02/21/25	507753		-	-	-	Pass	3.2	3.1	3
L2511795-02	562W-IAB	2263	6.0L Can	02/21/25	507753	L2508934-06	Pass	-29.7	-10.8	-	-	-	-
L2511795-03	562W-IA1	02757	Flow 5	02/21/25	507753		-	-	-	Pass	3.0	3.4	13
L2511795-03	562W-IA1	771	6.0L Can	02/21/25	507753	L2508934-05	Pass	-29.7	-8.3	-	-	-	-
L2511795-04	562W-OA	01508	Flow 4	02/21/25	507753		-	-	-	Pass	3.0	4.0	29
L2511795-04	562W-OA	902	6.0L Can	02/21/25	507753	L2508934-05	Pass	-29.7	-7.9	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2508934
Report Date: 03/25/25

Air Canister Certification Results

Lab ID: L2508934-05
Client ID: CAN 3274 SHELF 41
Sample Location:

Date Collected: 02/18/25 10:00
Date Received: 02/19/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 02/20/25 02:58
Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	0.046	ND	0.707	0.164		1
Propylene	ND	0.500	0.135	ND	0.861	0.232		1
Propane	ND	0.500	0.152	ND	0.902	0.274		1
Dichlorodifluoromethane	ND	0.200	0.076	ND	0.989	0.374		1
Chloromethane	ND	0.200	0.058	ND	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
Methanol	ND	5.00	3.03	ND	6.55	3.97		1
Vinyl chloride	ND	0.200	0.058	ND	0.511	0.149		1
1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137		1
Butane	ND	0.200	0.080	ND	0.475	0.190		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	ND	5.00	1.74	ND	9.42	3.28		1
Dichlorofluoromethane	ND	0.200	0.112	ND	0.842	0.471		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acrolein	ND	0.500	0.149	ND	1.15	0.342		1
Acetone	ND	1.00	0.515	ND	2.38	1.22		1
Acetonitrile	ND	0.200	0.101	ND	0.336	0.170		1
Trichlorofluoromethane	ND	0.200	0.079	ND	1.12	0.442		1
Isopropanol	ND	1.00	0.272	ND	2.46	0.669		1
Acrylonitrile	ND	0.500	0.089	ND	1.09	0.194		1
Pentane	ND	0.200	0.113	ND	0.590	0.333		1
Ethyl ether	ND	0.200	0.085	ND	0.606	0.259		1
1,1-Dichloroethene	ND	0.200	0.057	ND	0.793	0.225		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2508934
Report Date: 03/25/25

Air Canister Certification Results

Lab ID: L2508934-05
Client ID: CAN 3274 SHELF 41
Sample Location:

Date Collected: 02/18/25 10:00
Date Received: 02/19/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	ND	0.500	0.125	ND	1.74	0.434		1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	ND	0.200	0.051	ND	1.53	0.388		1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
Vinyl acetate	ND	1.00	0.323	ND	3.52	1.14		1
Xylenes, total	ND	0.600	0.062	ND	0.869	0.270		1
2-Butanone	ND	0.500	0.099	ND	1.47	0.292		1
cis-1,2-Dichloroethene	ND	0.200	0.060	ND	0.793	0.236		1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1
2,2-Dichloropropane	ND	0.200	0.043	ND	0.924	0.198		1
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	ND	0.200	0.074	ND	0.705	0.262		1
Diisopropyl ether	ND	0.200	0.063	ND	0.836	0.264		1
tert-Butyl Ethyl Ether	ND	0.200	0.073	ND	0.836	0.306		1
1,2-Dichloroethene (total)	ND	1.00	0.060	ND	1.00	0.236		1
1,1,1-Trichloroethane	ND	0.200	0.061	ND	1.09	0.335		1
1,1-Dichloropropene	ND	0.200	0.059	ND	0.908	0.269		1
Benzene	ND	0.200	0.064	ND	0.639	0.205		1
Carbon tetrachloride	ND	0.200	0.069	ND	1.26	0.432		1
Cyclohexane	ND	0.200	0.073	ND	0.688	0.251		1
tert-Amyl Methyl Ether	ND	0.200	0.067	ND	0.836	0.281		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2508934**Project Number:** CANISTER QC BAT**Report Date:** 03/25/25**Air Canister Certification Results**

Lab ID: L2508934-05

Date Collected: 02/18/25 10:00

Client ID: CAN 3274 SHELF 41

Date Received: 02/19/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	0.060	ND	1.42	0.425		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
Trichloroethene	ND	0.200	0.055	ND	1.07	0.295		1
2,2,4-Trimethylpentane	ND	0.200	0.069	ND	0.934	0.323		1
Methyl Methacrylate	ND	0.500	0.226	ND	2.05	0.925		1
Heptane	ND	0.200	0.083	ND	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	ND	0.200	0.087	ND	0.754	0.327		1
1,3-Dichloropropane	ND	0.200	0.054	ND	0.924	0.248		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Butyl acetate	ND	0.500	0.208	ND	2.38	0.989		1
Octane	ND	0.200	0.068	ND	0.934	0.316		1
Tetrachloroethene	ND	0.200	0.063	ND	1.36	0.425		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.051	ND	1.37	0.349		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250		1
p/m-Xylene	ND	0.400	0.125	ND	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	ND	0.200	0.060	ND	0.852	0.254		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2508934**Project Number:** CANISTER QC BAT**Report Date:** 03/25/25**Air Canister Certification Results**

Lab ID: L2508934-05

Date Collected: 02/18/25 10:00

Client ID: CAN 3274 SHELF 41

Date Received: 02/19/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
1,2,3-Trichloropropane	ND	0.200	0.058	ND	1.21	0.347		1
Nonane	ND	0.200	0.074	ND	1.05	0.387		1
Isopropylbenzene	ND	0.200	0.062	ND	0.983	0.305		1
Bromobenzene	ND	0.200	0.058	ND	0.793	0.230		1
2-Chlorotoluene	ND	0.200	0.076	ND	1.04	0.394		1
n-Propylbenzene	ND	0.200	0.063	ND	0.983	0.311		1
4-Chlorotoluene	ND	0.200	0.077	ND	1.04	0.396		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
tert-Butylbenzene	ND	0.200	0.055	ND	1.10	0.302		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Decane	ND	0.200	0.070	ND	1.16	0.406		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
sec-Butylbenzene	ND	0.200	0.055	ND	1.10	0.300		1
p-Isopropyltoluene	ND	0.200	0.057	ND	1.10	0.311		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
n-Butylbenzene	ND	0.200	0.054	ND	1.10	0.294		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.062	ND	1.93	0.603		1
Undecane	ND	0.200	0.071	ND	1.28	0.453		1
Dodecane	ND	0.200	0.089	ND	1.39	0.621		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.200	0.059	ND	0.996	0.309		1
1,2,3-Trichlorobenzene	ND	0.200	0.074	ND	1.48	0.548		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2508934
Report Date: 03/25/25

Air Canister Certification Results

Lab ID: L2508934-05
 Client ID: CAN 3274 SHELF 41
 Sample Location:

Date Collected: 02/18/25 10:00
 Date Received: 02/19/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	91		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2508934
Report Date: 03/25/25

Air Canister Certification Results

Lab ID: L2508934-05
Client ID: CAN 3274 SHELF 41
Sample Location:

Date Collected: 02/18/25 10:00
Date Received: 02/19/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 02/20/25 02:58
Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,3-Butadiene	ND	0.020	0.011	ND	0.044	0.024		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Acrolein	ND	0.050	0.039	ND	0.115	0.089		1
Acetone	ND	1.00	0.539	ND	2.38	1.28		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
Acrylonitrile	ND	0.500	0.162	ND	1.09	0.352		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	ND	0.020	0.007	ND	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2508934**Project Number:** CANISTER QC BAT**Report Date:** 03/25/25**Air Canister Certification Results**

Lab ID: L2508934-05

Date Collected: 02/18/25 10:00

Client ID: CAN 3274 SHELF 41

Date Received: 02/19/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050		1
1,1,1,2-Tetrachloroethane	ND	0.020	0.010	ND	0.137	0.069		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
Isopropylbenzene	ND	0.200	0.030	ND	0.983	0.147		1
4-Ethyltoluene	ND	0.020	0.010	ND	0.098	0.049		1
1,3,5-Trimethybenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2508934**Project Number:** CANISTER QC BAT**Report Date:** 03/25/25**Air Canister Certification Results**

Lab ID: L2508934-05

Date Collected: 02/18/25 10:00

Client ID: CAN 3274 SHELF 41

Date Received: 02/19/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	0.027	ND	1.10	0.146		1
p-Isopropyltoluene	ND	0.200	0.037	ND	1.10	0.201		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
n-Butylbenzene	ND	0.200	0.032	ND	1.10	0.175		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
1,2,3-Trichlorobenzene	ND	0.050	0.022	ND	0.371	0.166		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	92		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2508934
Report Date: 03/25/25

Air Canister Certification Results

Lab ID: L2508934-06
Client ID: CAN 3361 SHELF 42
Sample Location:

Date Collected: 02/18/25 10:00
Date Received: 02/19/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 02/20/25 03:36
Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	0.046	ND	0.707	0.164		1
Propylene	ND	0.500	0.135	ND	0.861	0.232		1
Propane	ND	0.500	0.152	ND	0.902	0.274		1
Dichlorodifluoromethane	ND	0.200	0.076	ND	0.989	0.374		1
Chloromethane	ND	0.200	0.058	ND	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
Methanol	ND	5.00	3.03	ND	6.55	3.97		1
Vinyl chloride	ND	0.200	0.058	ND	0.511	0.149		1
1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137		1
Butane	ND	0.200	0.080	ND	0.475	0.190		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	ND	5.00	1.74	ND	9.42	3.28		1
Dichlorofluoromethane	ND	0.200	0.112	ND	0.842	0.471		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acrolein	ND	0.500	0.149	ND	1.15	0.342		1
Acetone	ND	1.00	0.515	ND	2.38	1.22		1
Acetonitrile	ND	0.200	0.101	ND	0.336	0.170		1
Trichlorofluoromethane	ND	0.200	0.079	ND	1.12	0.442		1
Isopropanol	ND	1.00	0.272	ND	2.46	0.669		1
Acrylonitrile	ND	0.500	0.089	ND	1.09	0.194		1
Pentane	ND	0.200	0.113	ND	0.590	0.333		1
Ethyl ether	ND	0.200	0.085	ND	0.606	0.259		1
1,1-Dichloroethene	ND	0.200	0.057	ND	0.793	0.225		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2508934
Report Date: 03/25/25

Air Canister Certification Results

Lab ID: L2508934-06
Client ID: CAN 3361 SHELF 42
Sample Location:

Date Collected: 02/18/25 10:00
Date Received: 02/19/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	ND	0.500	0.125	ND	1.74	0.434		1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	ND	0.200	0.051	ND	1.53	0.388		1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
Vinyl acetate	ND	1.00	0.323	ND	3.52	1.14		1
2-Butanone	ND	0.500	0.099	ND	1.47	0.292		1
Xylenes, total	ND	0.600	0.062	ND	0.869	0.270		1
cis-1,2-Dichloroethene	ND	0.200	0.060	ND	0.793	0.236		1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1
2,2-Dichloropropane	ND	0.200	0.043	ND	0.924	0.198		1
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	ND	0.200	0.074	ND	0.705	0.262		1
Diisopropyl ether	ND	0.200	0.063	ND	0.836	0.264		1
tert-Butyl Ethyl Ether	ND	0.200	0.073	ND	0.836	0.306		1
1,2-Dichloroethene (total)	ND	1.00	0.060	ND	1.00	0.236		1
1,1,1-Trichloroethane	ND	0.200	0.061	ND	1.09	0.335		1
1,1-Dichloropropene	ND	0.200	0.059	ND	0.908	0.269		1
Benzene	ND	0.200	0.064	ND	0.639	0.205		1
Carbon tetrachloride	ND	0.200	0.069	ND	1.26	0.432		1
Cyclohexane	ND	0.200	0.073	ND	0.688	0.251		1
tert-Amyl Methyl Ether	ND	0.200	0.067	ND	0.836	0.281		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2508934
Report Date: 03/25/25

Air Canister Certification Results

Lab ID: L2508934-06
Client ID: CAN 3361 SHELF 42
Sample Location:

Date Collected: 02/18/25 10:00
Date Received: 02/19/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	0.060	ND	1.42	0.425		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
Trichloroethene	ND	0.200	0.055	ND	1.07	0.295		1
2,2,4-Trimethylpentane	ND	0.200	0.069	ND	0.934	0.323		1
Methyl Methacrylate	ND	0.500	0.226	ND	2.05	0.925		1
Heptane	ND	0.200	0.083	ND	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	ND	0.200	0.087	ND	0.754	0.327		1
1,3-Dichloropropane	ND	0.200	0.054	ND	0.924	0.248		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Butyl acetate	ND	0.500	0.208	ND	2.38	0.989		1
Octane	ND	0.200	0.068	ND	0.934	0.316		1
Tetrachloroethene	ND	0.200	0.063	ND	1.36	0.425		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.051	ND	1.37	0.349		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250		1
p/m-Xylene	ND	0.400	0.125	ND	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	ND	0.200	0.060	ND	0.852	0.254		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2508934**Project Number:** CANISTER QC BAT**Report Date:** 03/25/25**Air Canister Certification Results**

Lab ID: L2508934-06

Date Collected: 02/18/25 10:00

Client ID: CAN 3361 SHELF 42

Date Received: 02/19/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
1,2,3-Trichloropropane	ND	0.200	0.058	ND	1.21	0.347		1
Nonane	ND	0.200	0.074	ND	1.05	0.387		1
Isopropylbenzene	ND	0.200	0.062	ND	0.983	0.305		1
Bromobenzene	ND	0.200	0.058	ND	0.793	0.230		1
2-Chlorotoluene	ND	0.200	0.076	ND	1.04	0.394		1
n-Propylbenzene	ND	0.200	0.063	ND	0.983	0.311		1
4-Chlorotoluene	ND	0.200	0.077	ND	1.04	0.396		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
tert-Butylbenzene	ND	0.200	0.055	ND	1.10	0.302		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Decane	ND	0.200	0.070	ND	1.16	0.406		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
sec-Butylbenzene	ND	0.200	0.055	ND	1.10	0.300		1
p-Isopropyltoluene	ND	0.200	0.057	ND	1.10	0.311		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
n-Butylbenzene	ND	0.200	0.054	ND	1.10	0.294		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.062	ND	1.93	0.603		1
Undecane	ND	0.200	0.071	ND	1.28	0.453		1
Dodecane	ND	0.200	0.089	ND	1.39	0.621		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.200	0.059	ND	0.996	0.309		1
1,2,3-Trichlorobenzene	ND	0.200	0.074	ND	1.48	0.548		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2508934**Project Number:** CANISTER QC BAT**Report Date:** 03/25/25**Air Canister Certification Results**

Lab ID: L2508934-06

Date Collected: 02/18/25 10:00

Client ID: CAN 3361 SHELF 42

Date Received: 02/19/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	92		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2508934
Report Date: 03/25/25

Air Canister Certification Results

Lab ID: L2508934-06
Client ID: CAN 3361 SHELF 42
Sample Location:

Date Collected: 02/18/25 10:00
Date Received: 02/19/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 02/20/25 03:36
Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,3-Butadiene	ND	0.020	0.011	ND	0.044	0.024		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Acrolein	ND	0.050	0.039	ND	0.115	0.089		1
Acetone	ND	1.00	0.539	ND	2.38	1.28		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
Acrylonitrile	ND	0.500	0.162	ND	1.09	0.352		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	0.056	0.020	0.007	0.273	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2508934
Report Date: 03/25/25

Air Canister Certification Results

Lab ID: L2508934-06
Client ID: CAN 3361 SHELF 42
Sample Location:

Date Collected: 02/18/25 10:00
Date Received: 02/19/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	0.047	0.020	0.007	0.319	0.136	0.050		1
1,1,1,2-Tetrachloroethane	ND	0.020	0.010	ND	0.137	0.069		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
Isopropylbenzene	ND	0.200	0.030	ND	0.983	0.147		1
4-Ethyltoluene	ND	0.020	0.010	ND	0.098	0.049		1
1,3,5-Trimethybenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2508934**Project Number:** CANISTER QC BAT**Report Date:** 03/25/25**Air Canister Certification Results**

Lab ID: L2508934-06

Date Collected: 02/18/25 10:00

Client ID: CAN 3361 SHELF 42

Date Received: 02/19/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	0.027	ND	1.10	0.146		1
p-Isopropyltoluene	ND	0.200	0.037	ND	1.10	0.201		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
n-Butylbenzene	ND	0.200	0.032	ND	1.10	0.175		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
1,2,3-Trichlorobenzene	ND	0.050	0.022	ND	0.371	0.166		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	93		60-140



Project Name: FORMER RKO DRY CLEANERS
Project Number: CO 151681/S 401065

Serial_No:03252517:35
Lab Number: L2511795
Report Date: 03/25/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2511795-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		NYDEC-TO15-SIM(30)
L2511795-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		NYDEC-TO15-SIM(30)
L2511795-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		NYDEC-TO15-SIM(30)
L2511795-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		NYDEC-TO15-SIM(30)

Project Name: FORMER RKO DRY CLEANERS**Lab Number:** L2511795**Project Number:** CO 151681/S 401065**Report Date:** 03/25/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name: FORMER RKO DRY CLEANERS
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Lab Number: L2511795
Report Date: 03/25/25

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: FORMER RKO DRY CLEANERS
Project Number: CO 151681/S 401065

Lab Number: L2511795
Report Date: 03/25/25

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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Published Date: 01/24/2025

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.**Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

Pace Analytical Services LLCID No.:**17873**Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

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Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

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CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: NYSDEC

Address: 625 Broadway
Albany, NY 12233

Phone: 518-402-8644

Fax:

Email: Kyle.Forster@dec.ny.gov

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

Project Information

Project Name: RKO Drycleaners

Project Location: Albany, NY

Project #: 4101065

Project Manager: Kyle Forster

ALPHA Quote #: 151681

Turn-Around Time

☒ Standard☐ RUSH (only confirmed if pre-approved!)

Date Due:

Time:

Date Rec'd in Lab: 3/1/25

Report Information - Data Deliverables

☐ FAX☐ ADEx

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☒ EMAIL (standard pdf report)☒ Additional Deliverables:Report to: NYSDEC EQGIS/EDDS
(if different than Project Manager)

ALPHA Job #: L2511795

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NY	DEC/DOH	Res

ANALYSIS

TO-15
TO-15 SIM
APH
Fixed Gases
Surfides & Mercaptans by TO-15

24 hr samples

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION						Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Surfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum												
11795-01	562W-SS	2/28/25	10:01	10:01	-30.7	-22.1	SV	KF	6	3658	0016	X						* high vacuum when pulled
02	562W-IAB	2/28/25	10:01	10:01	-30.22	-11.54	AA	KF	6	2263	02697		X					indoor air
03	562W-IA1	2/28/25	10:05	10:05	-28.78	-8.10	AA	KF	6	771	02757		X					indoor air
04	562W-OA	2/28/25	10:09	10:09	-30.06	-8.74	AA	KF	6	902	01508	X						outdoor ambient air

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

Date/Time

Received By:

Date/Time:

2/28/25 10:40
2/28/25 10:42
3/1/25 0100
3/1/25 06:00
Inason

2/28/25 10:40
2/28/25 10:42
3/1/25 0100
3/1/25 06:00
Inason

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3/1/25 06:00
Inason