Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
Data File : VX035199.D
Acq On : 20 Apr 2023 03:02
Operator : JC/MD
Sample : O2378-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 20 05:11:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 04:51:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	474026	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.067	117	399901	50.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	12.030	152	206455	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	116640	38.161	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.320%			
7) Chloroethane-d5	1.672	69	92051	41.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.360%			
11) 1,1-Dichloroethene-d2	2.306	65	60037	41.051	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.100%			
21) 2-Butanone-d5	4.464	46	209466	102.838	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.840%			
24) Chloroform-d	5.056	84	277039	48.130	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.260%			
26) 1,2-Dichloroethane-d4	5.958	65	178949	48.412	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.820%			
32) Benzene-d6	5.976	84	558919	48.654	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.300%			
36) 1,2-Dichloropropane-d6	7.305	67	171337	48.827	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.660%			
41) Toluene-d8	8.647	98	495513	47.197	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.400%			
43) trans-1,3-Dichloroprop...	8.951	79	70054	45.682	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.360%			
47) 2-Hexanone-d5	9.390	63	151211	107.307	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.310%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	220203	51.240	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.480%			
66) 1,2-Dichlorobenzene-d4	12.329	152	175989	43.988	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.980%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1519	0.536	ug/L #	1
22) 2-Butanone	4.574	43	5726	2.469	ug/L #	52
25) Chloroform	5.092	83	261238	45.835	ug/L	97
27) 1,2-Dichloroethane	6.056	62	294494	64.511	ug/L #	73
29) Cyclohexane	5.483	56	12636	2.615	ug/L	98
31) Carbon tetrachloride	5.678	117	99993	25.142	ug/L	99
33) Benzene	6.056	78	24498716	2022.933	ug/L	100
35) Methylcyclohexane	7.379	83	5949	1.371	ug/L #	83
46) Tetrachloroethene	9.275	164	2780	1.158	ug/L	86
64) 1,3-Dichlorobenzene	11.975	146	3757929	586.940	ug/L	95
65) 1,4-Dichlorobenzene	12.055	146	16901954	2579.841	ug/L #	70
67) 1,2-Dichlorobenzene	12.353	146	16369858	2521.570	ug/L #	71
68) 1,2-Dibromo-3-chloropr...	12.920	75	86318	91.774	ug/L #	2
69) 1,3,5-Trichlorobenzene	13.115	180	20404	5.155	ug/L	99
70) 1,2,4-trichlorobenzene	13.597	180	9186688	2478.680	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.963	180	3145536	859.701	ug/L	98

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

Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 20 05:11:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
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QLast Update : Thu Apr 20 04:51:49 2023
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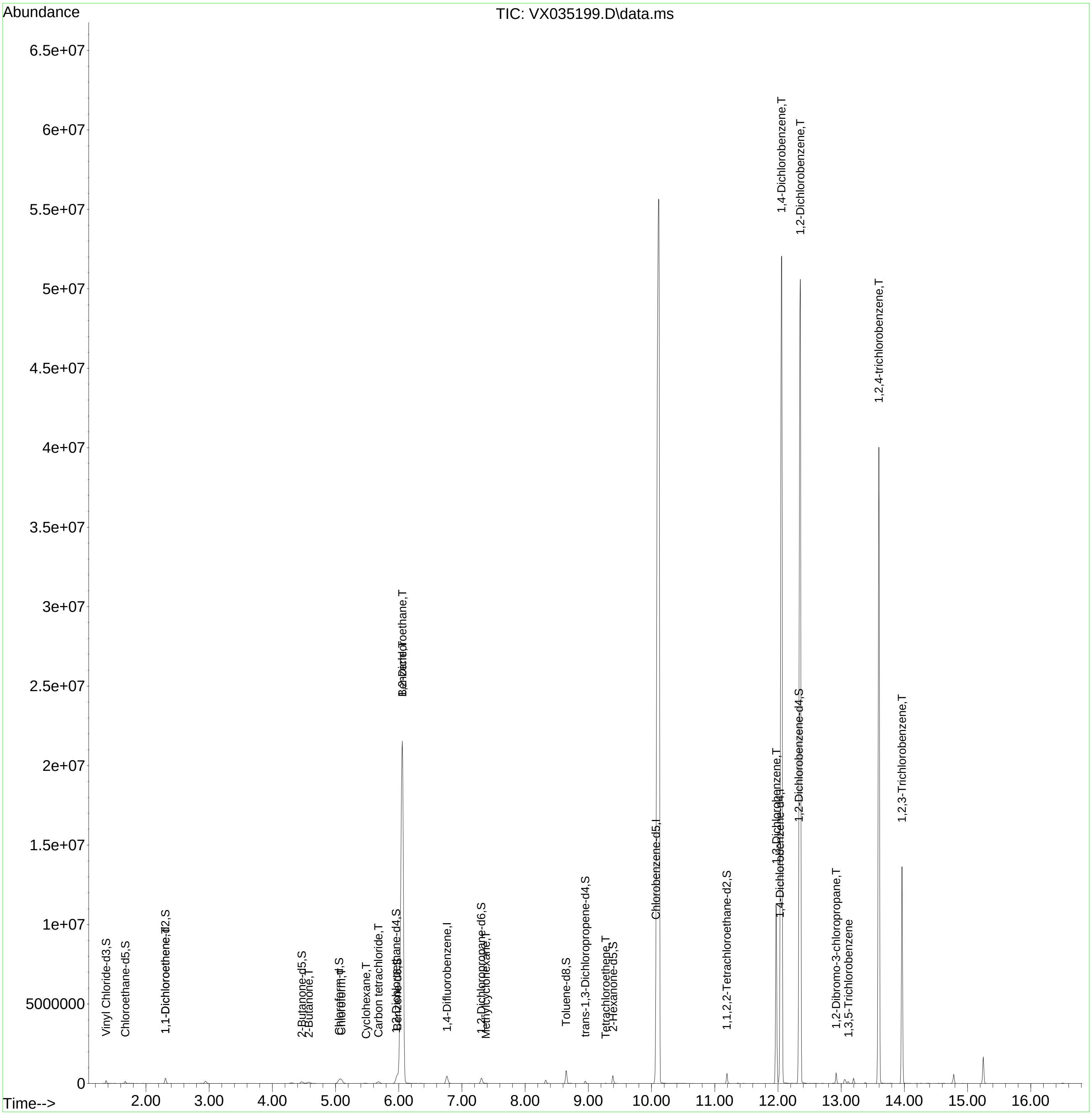
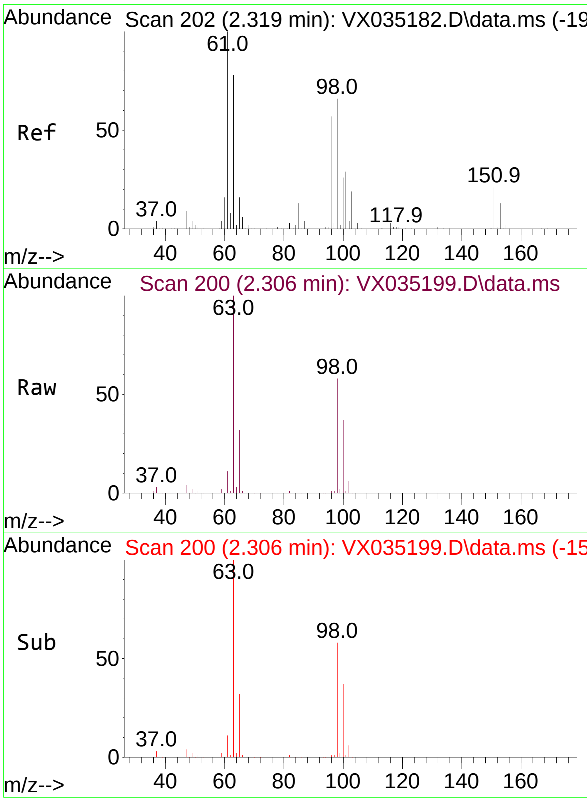


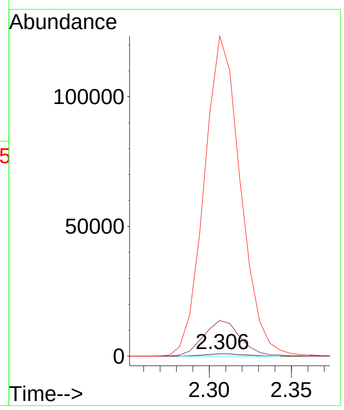


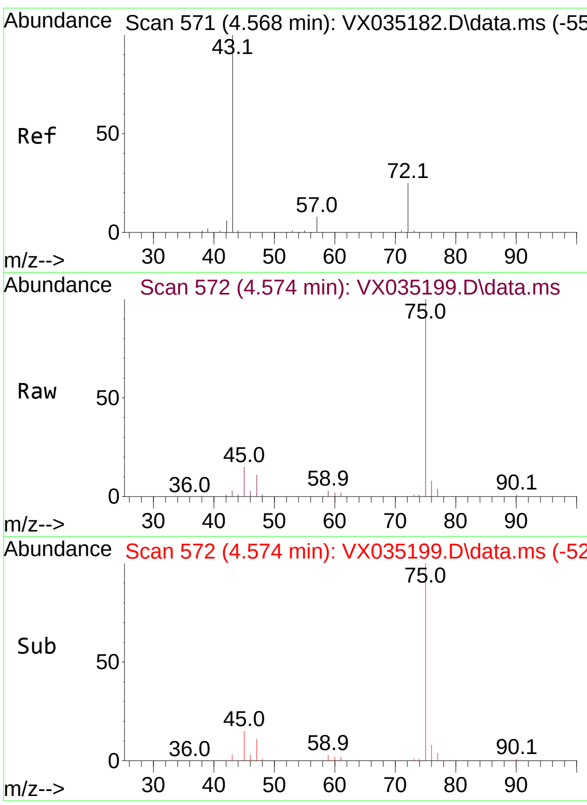
#12
1,1-Dichloroethene
Concen: 0.536 ug/L
RT: 2.306 min Scan# 20
Delta R.T. -0.012 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 1519

Ion	Ratio	Lower	Upper
96	100		
61	1521.8	119.0	221.0#
63	13628.3	91.0	169.0#

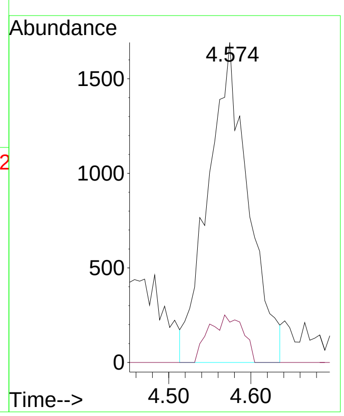


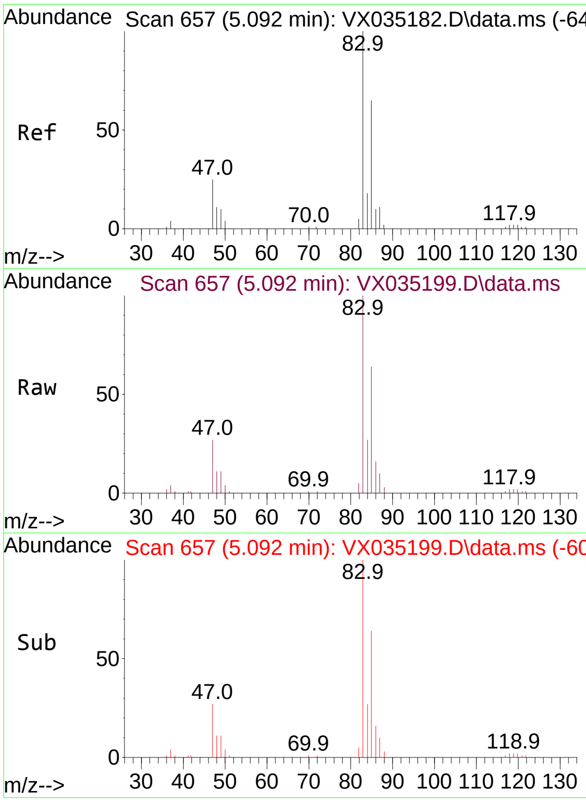


#22
2-Butanone
Concen: 2.469 ug/L
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Tgt Ion: 43 Resp: 5726

Ion	Ratio	Lower	Upper
43	100		
72	0.9	12.4	37.2#



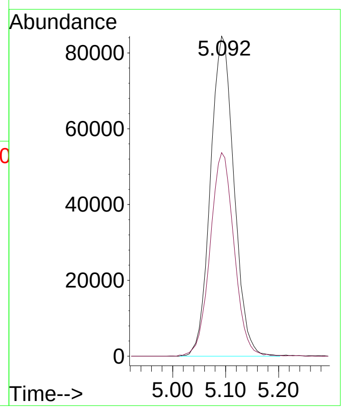


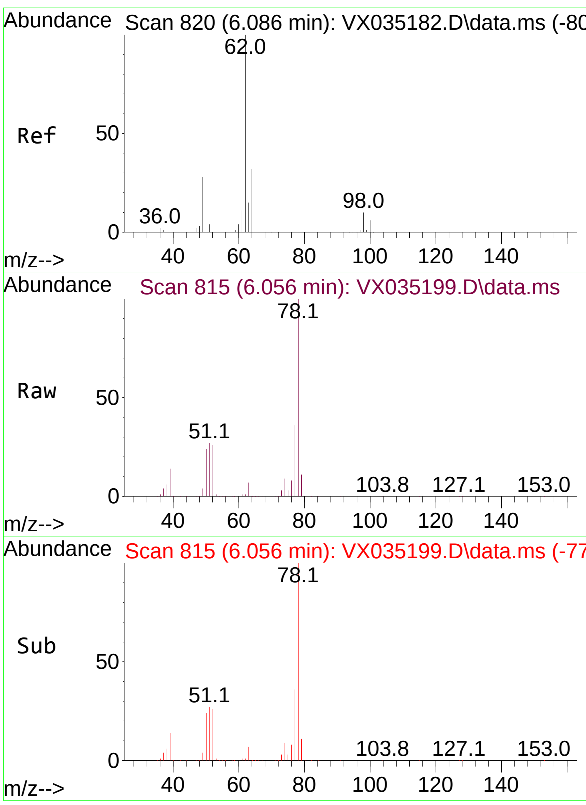
#25
Chloroform
Concen: 45.835 ug/L
RT: 5.092 min   Scan# 6
Delta R.T.   -0.000 min
Lab File: VX035199.D
Acq: 20 Apr 2023   03:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 261238

Ion	Ratio	Lower	Upper
83	100		
85	63.6	46.0	85.4

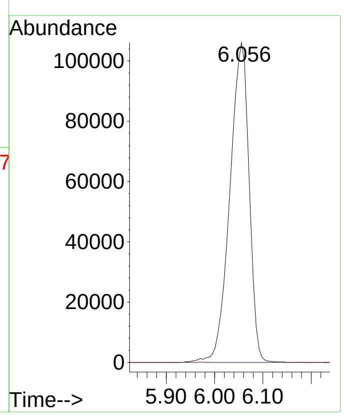


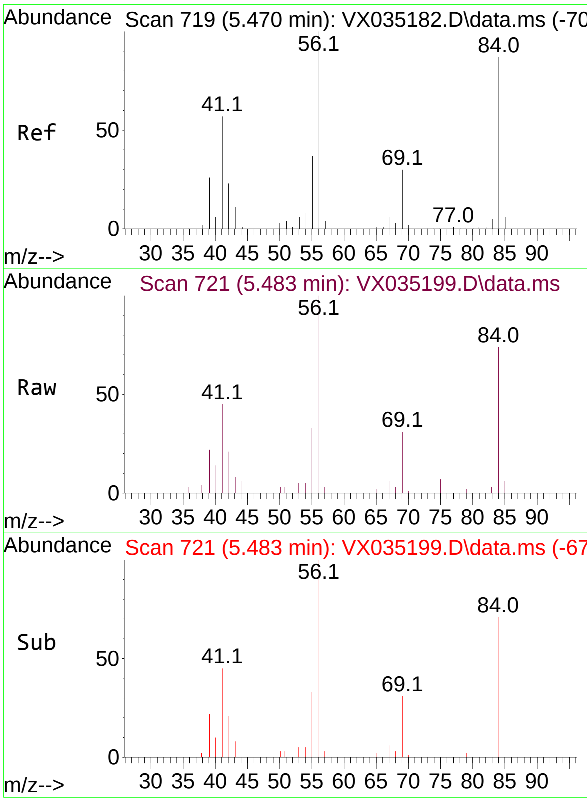


#27
1,2-Dichloroethane
Concen: 64.511 ug/L
RT: 6.056 min   Scan# 815
Delta R.T.   -0.031 min
Lab File: VX035199.D
Acq: 20 Apr 2023   03:02

Tgt Ion: 62 Resp: 294494

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#





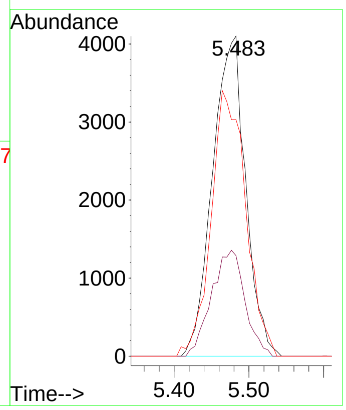
#29
Cyclohexane
Concen: 2.615 ug/L
RT: 5.483 min Scan# 7

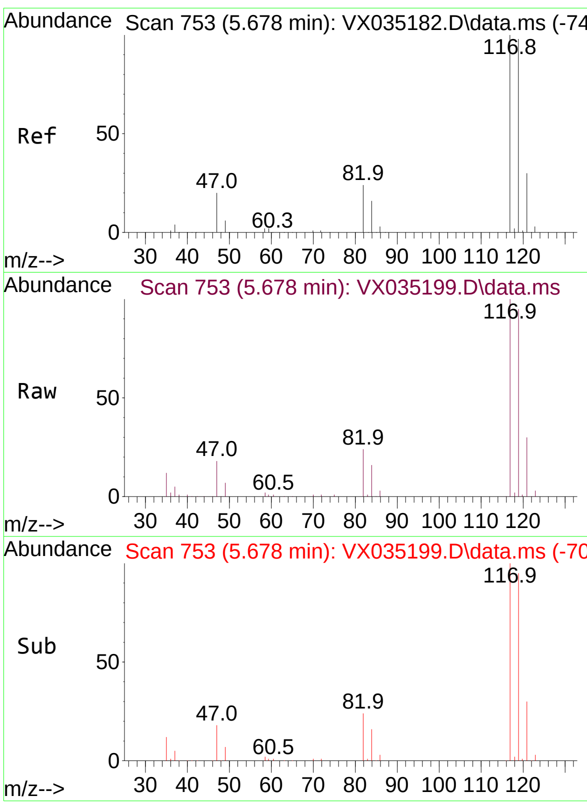
Instrument :
MSVOA_X
ClientSampleId :

Delta R.T. 0.012 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Tgt Ion: 56 Resp: 12636

Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.1	37.7
84	86.6	70.1	105.1

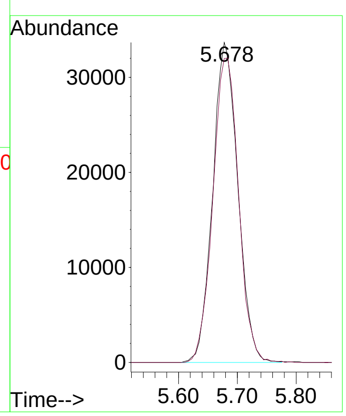


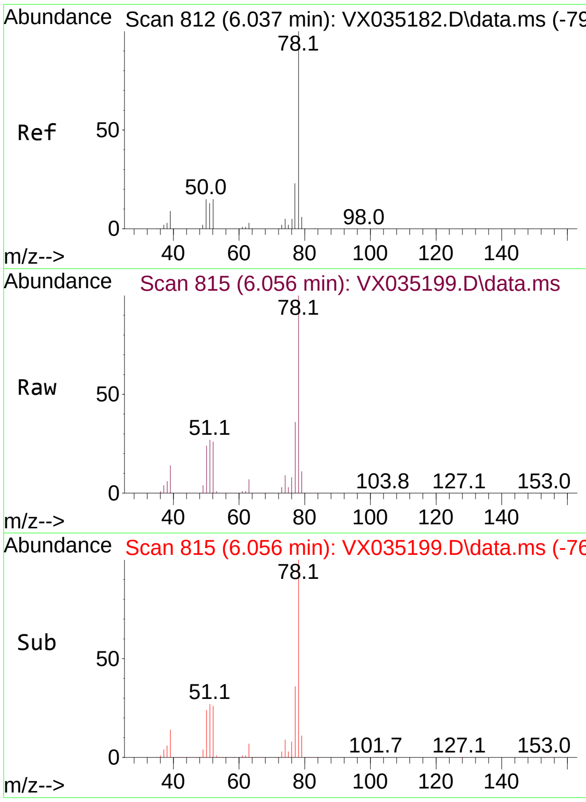


#31
Carbon tetrachloride
Concen: 25.142 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Tgt Ion:117 Resp: 99993

Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.1	115.7



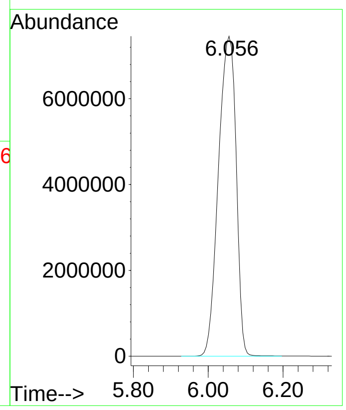


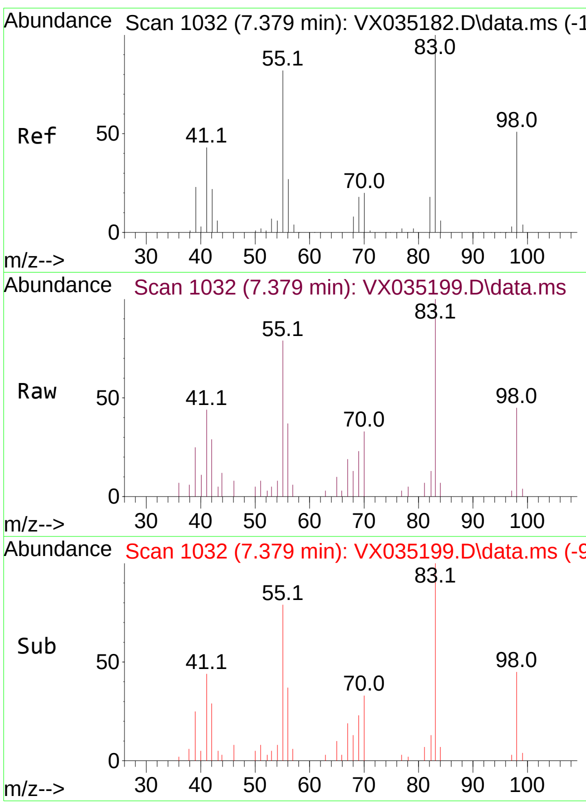
#33
Benzene
Concen: 2022.933 ug/L
RT: 6.056 min Scan# 8

Instrument :
MSVOA_X
ClientSampleId :

Delta R.T. 0.018 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Tgt Ion: 78 Resp:24498716

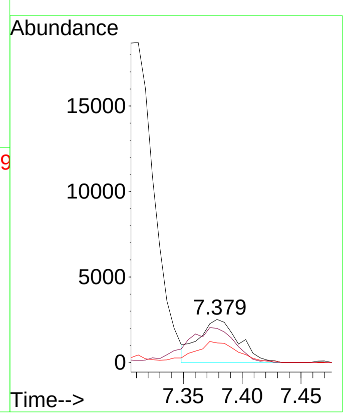


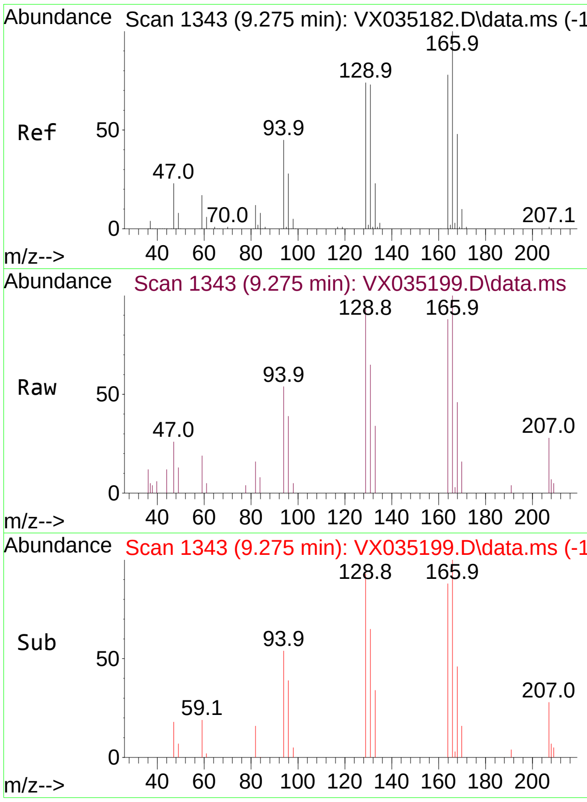


#35
Methylcyclohexane
Concen: 1.371 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Tgt Ion: 83 Resp: 5949

Ion	Ratio	Lower	Upper
83	100		
55	99.3	62.2	93.2#
98	53.1	39.3	58.9



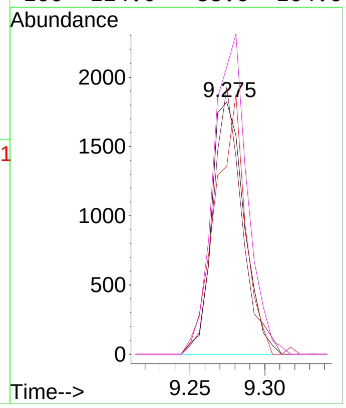


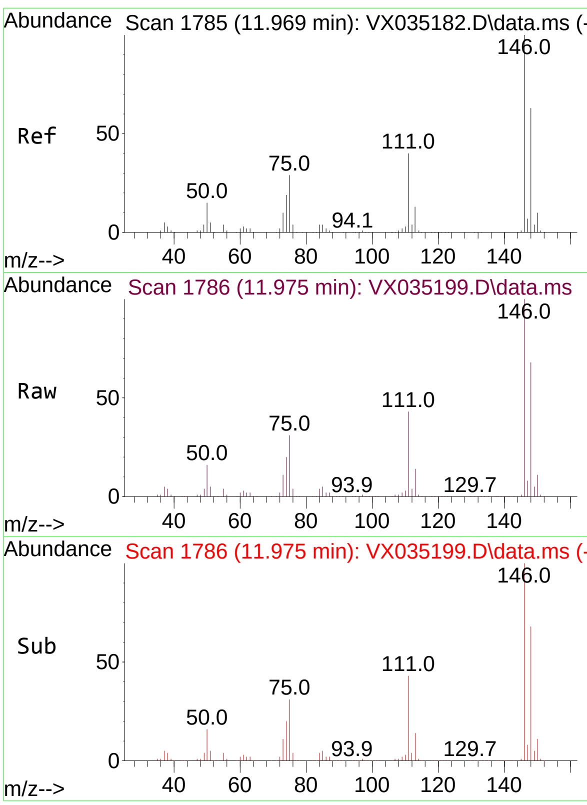
#46
Tetrachloroethene
Concen: 1.158 ug/L
RT: 9.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 2780

Ion	Ratio	Lower	Upper
164	100		
129	105.7	66.1	122.8
131	74.6	65.0	120.8
166	114.0	88.6	164.6

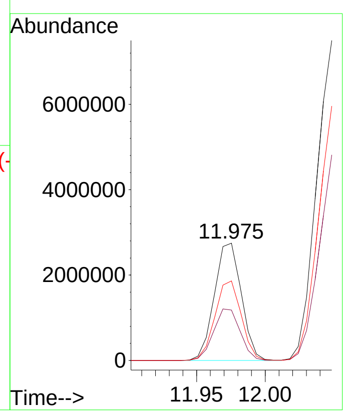


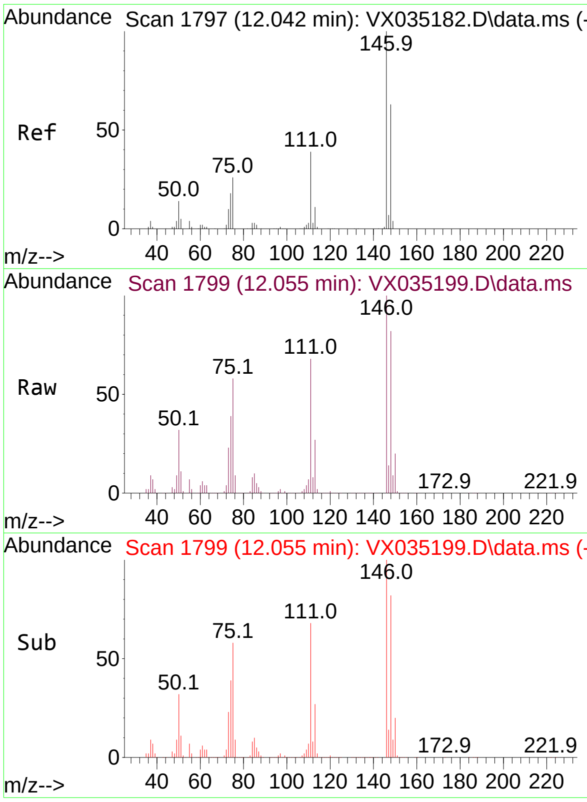


#64
1,3-Dichlorobenzene
Concen: 586.940 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Tgt Ion:146 Resp: 3757929

Ion	Ratio	Lower	Upper
146	100		
111	43.1	28.9	53.7
148	67.8	44.3	82.3



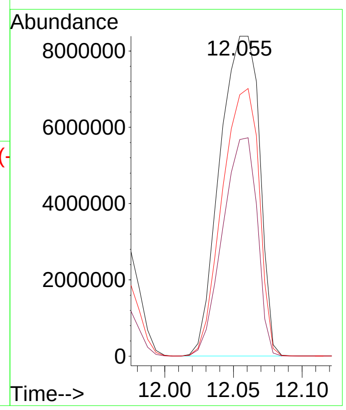


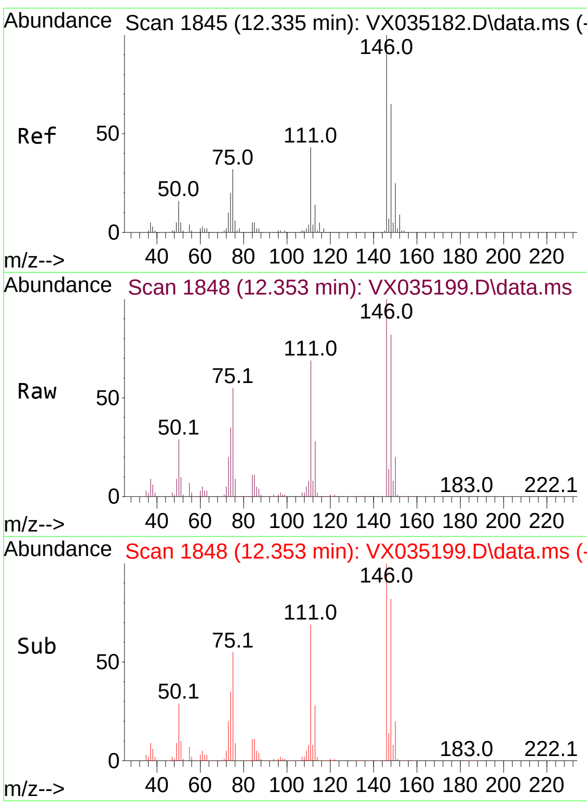
#65
1,4-Dichlorobenzene
Concen: 2579.841 ug/L
RT: 12.055 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp:16901954

Ion	Ratio	Lower	Upper
146	100		
111	67.7	27.9	51.7#
148	81.7	45.9	85.3

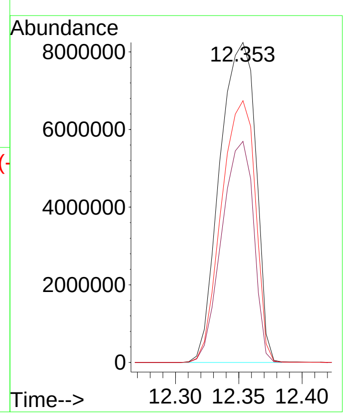


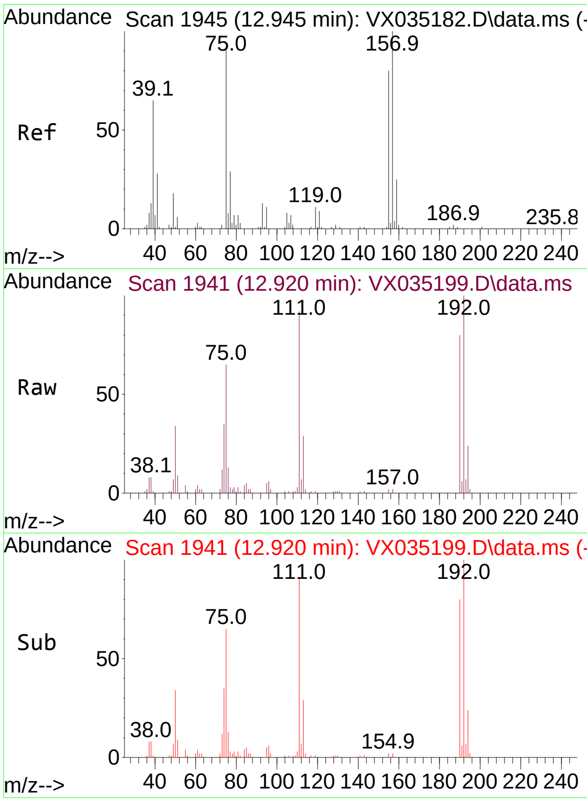


#67
1,2-Dichlorobenzene
Concen: 2521.570 ug/L
RT: 12.353 min Scan# 1848
Delta R.T. 0.018 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Tgt Ion:146 Resp:16369858

Ion	Ratio	Lower	Upper
146	100		
111	69.1	34.7	52.1#
148	81.8	52.1	78.1#



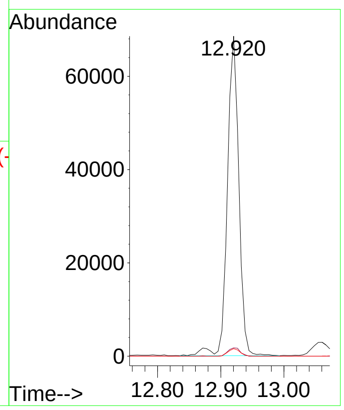


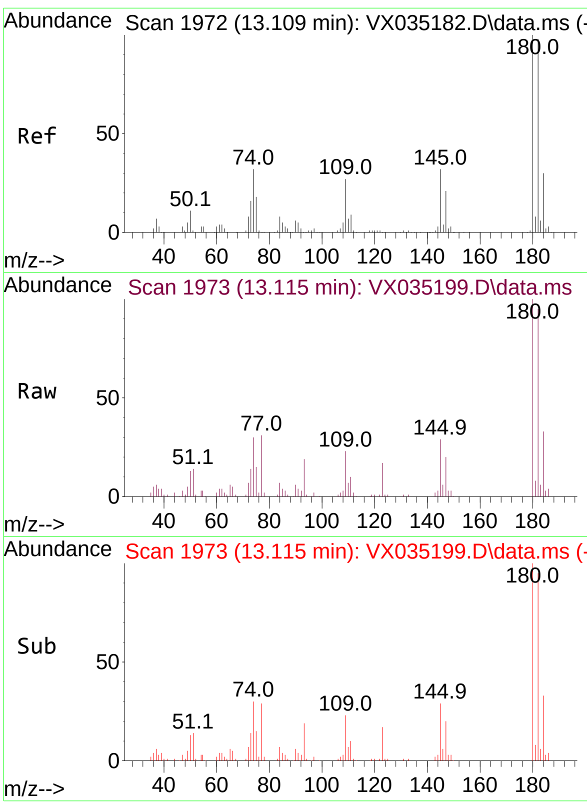
#68
1,2-Dibromo-3-chloropropane
Concen: 91.774 ug/L
RT: 12.920 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 86318

Ion	Ratio	Lower	Upper
75	100		
155	2.6	69.9	104.9#
157	2.4	90.4	135.6#

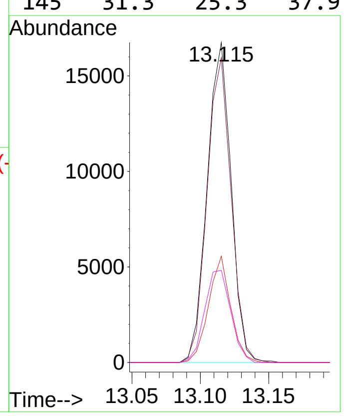


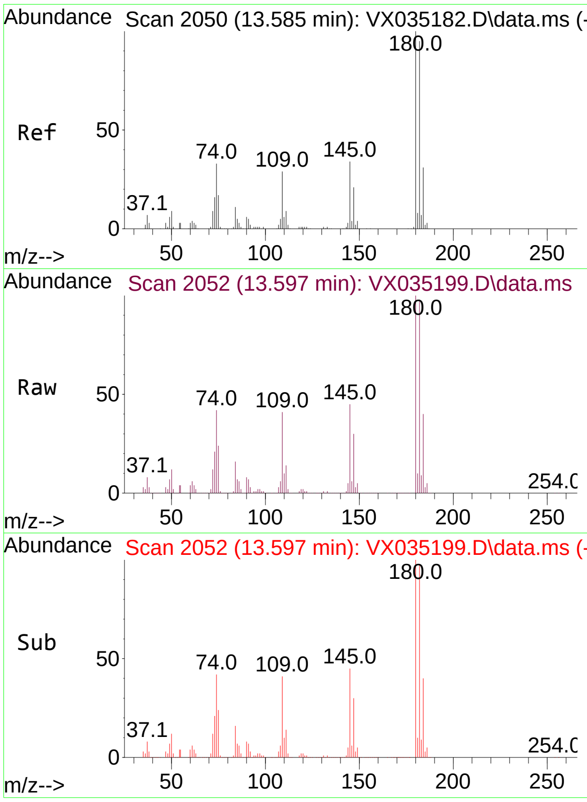


#69
1,3,5-Trichlorobenzene
Concen: 5.155 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Tgt Ion:180 Resp: 20404

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.4	113.0
184	30.7	23.8	35.8
145	31.3	25.3	37.9



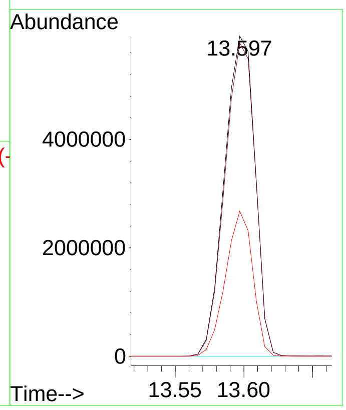


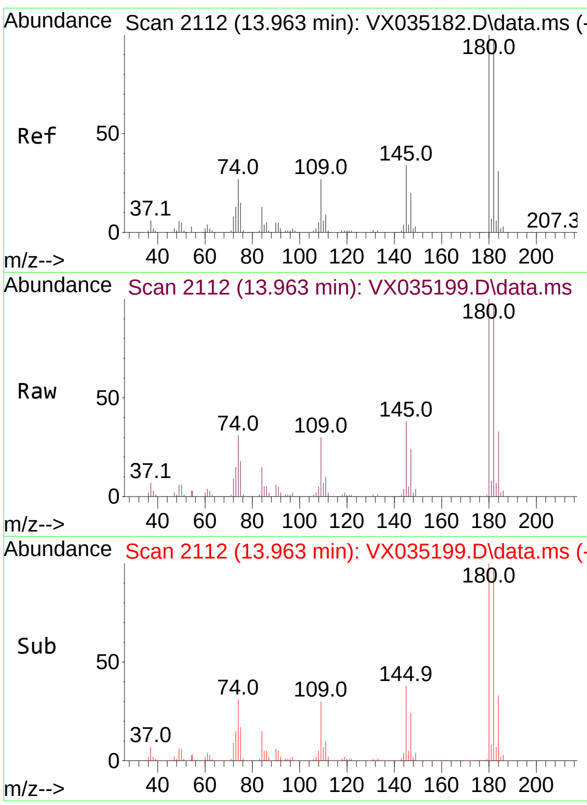
#70
1,2,4-trichlorobenzene
Concen: 2478.680 ug/L
RT: 13.597 min Scan# 2(
Delta R.T. 0.012 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 9186688

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.6	114.8
145	40.5	26.2	39.4#





#72
1,2,3-Trichlorobenzene
Concen: 859.701 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035199.D
Acq: 20 Apr 2023 03:02

Tgt Ion:180 Resp: 3145536

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.0	112.6
145	35.9	27.1	40.7