Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018753.D
Acq On : 02 Oct 2020 17:28
Operator : JC/SP
Sample : L4171-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 03 05:22:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 14:11:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	206981	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	200339	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	104362	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	63047	5.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.20%			
7) Chloroethane-d5	1.70	69	50561	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.80%			
11) 1,1-Dichloroethene-d2	2.34	63	112948	4.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.80%			
20) 2-Butanone-d5	4.54	46	181323	57.17	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.34%			
24) Chloroform-d	5.14	84	153758	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	6.03	65	92178	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	6.05	84	268057	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.60%			
36) 1,2-Dichloropropane-d6	7.37	67	78163	5.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.60%			
41) Toluene-d8	8.70	98	258176	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
45) trans-1,3-Dichloropropene-	8.99	79	40076	5.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.40%			
48) 2-Hexanone-d5	9.43	63	148531	57.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.46%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	61490	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.00%			
65) 1,2-Dichlorobenzene-d4	12.36	152	105893	5.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.00%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	1615	0.161	ug/L	92
6) Bromomethane	1.64	94	567	0.086	ug/L	78
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	1330	0.114	ug/L #	18
12) 1,1-Dichloroethene	2.34	96	1238	0.120	ug/L #	1
13) Acetone	2.44	43	32997	19.058	ug/L	97
14) Carbon disulfide	2.55	76	12193	0.378	ug/L	99
15) Methyl Acetate	2.76	43	694	0.163	ug/L #	54
19) 1,1-Dichloroethane	3.67	63	6875	0.350	ug/L #	92
21) 2-Butanone	4.65	43	13353	5.298	ug/L	87
22) cis-1,2-Dichloroethene	4.57	96	2727	0.240	ug/L #	93
25) Chloroform	5.18	83	2219	0.099	ug/L #	74
27) 1,2-Dichloroethane	6.17	62	1741	0.107	ug/L #	79
30) Cyclohexane	5.54	56	2335	0.142	ug/L #	25
35) Methylcyclohexane	7.37	83	22215	1.266	ug/L #	20
37) 1,2-Dichloropropane	7.37	63	10303	0.980	ug/L #	84
39) cis-1,3-Dichloropropene	8.37	75	3731	0.222	ug/L #	1
42) Toluene	8.77	91	206396	4.496	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018753.D
Acq On : 02 Oct 2020 17:28
Operator : JC/SP
Sample : L4171-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 03 05:22:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 14:11:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 1,3,5-Trimethylbenzene	11.49	105	3565	0.082 ug/L	100
44) 1,2,4-Trimethylbenzene	11.79	105	16350	0.371 ug/L	93
47) 1,1,2-Trichloroethane	9.20	97	846	0.107 ug/L #	82
50) 2-Hexanone	9.47	43	6834	1.545 ug/L #	92
54) Ethylbenzene	10.24	91	11561	0.225 ug/L	96
55) m,p-xylene	10.34	106	9124	0.455 ug/L	85
56) o-xylene	10.68	106	7768	0.419 ug/L	96
60) 1,1,2,2-Tetrachloroethane	11.26	83	2739	0.312 ug/L #	43
66) 1,2-Dichlorobenzene	12.38	146	1618	0.068 ug/L #	60
69) 1,2,4-trichlorobenzene	13.63	180	3423	0.211 ug/L #	85
70) Naphthalene	13.82	128	24031	0.907 ug/L #	95
71) 1,2,3-Trichlorobenzene	14.01	180	1068	0.073 ug/L #	73

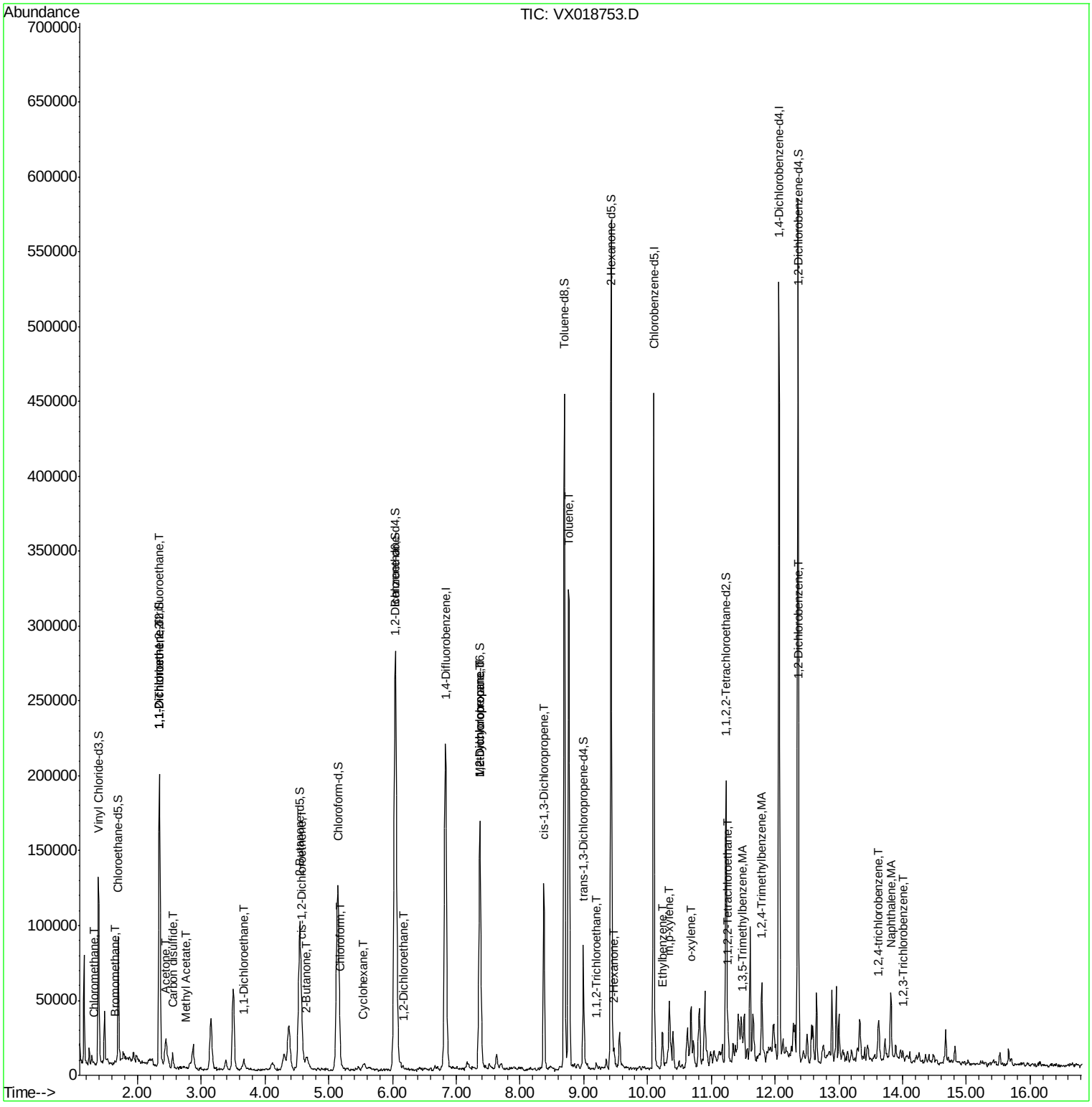
(#) = qualifier out of range (m) = manual integration (+) = signals summed

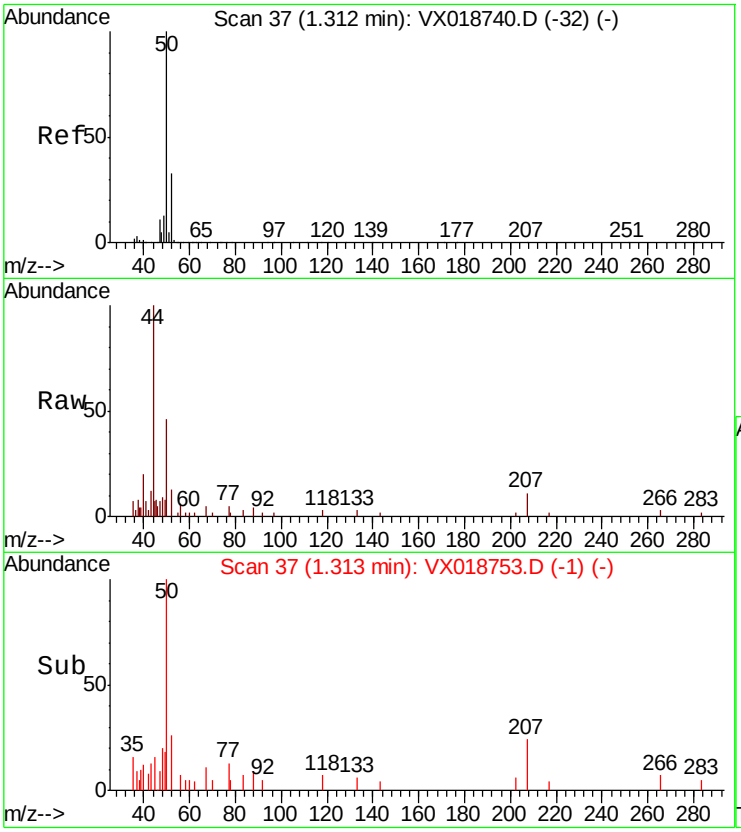
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018753.D
Acq On : 02 Oct 2020 17:28
Operator : JC/SP
Sample : L4171-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 03 05:22:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 14:11:08 2020
Response via : Initial Calibration



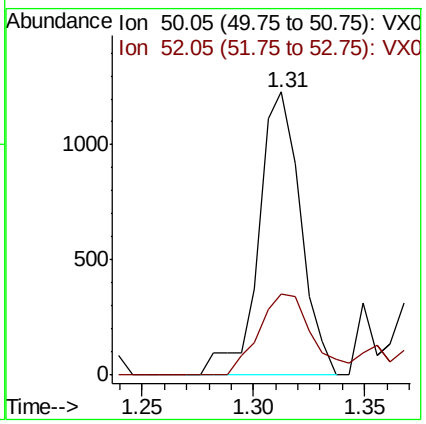


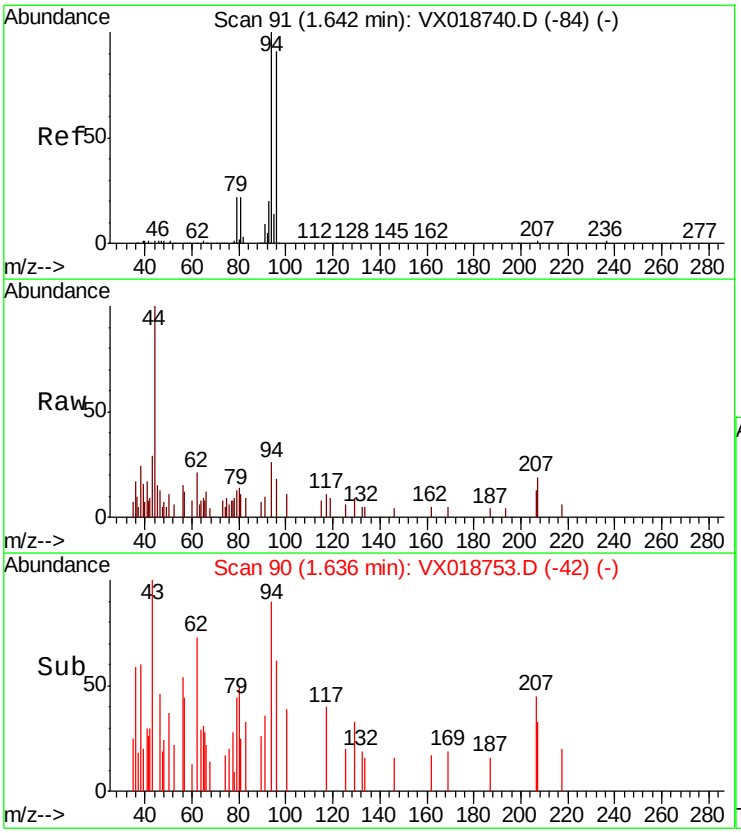
#3
Chloromethane
Concen: 0.161 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1615

Ion	Ratio	Lower	Upper
50	100		
52	28.9	23.4	43.6

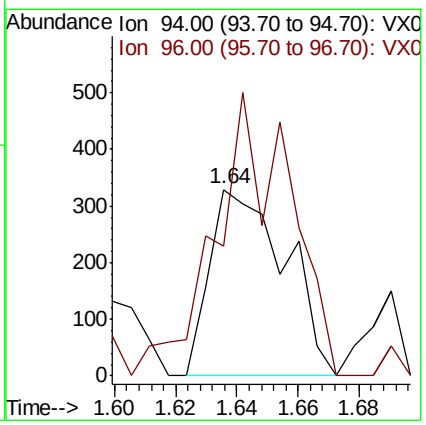


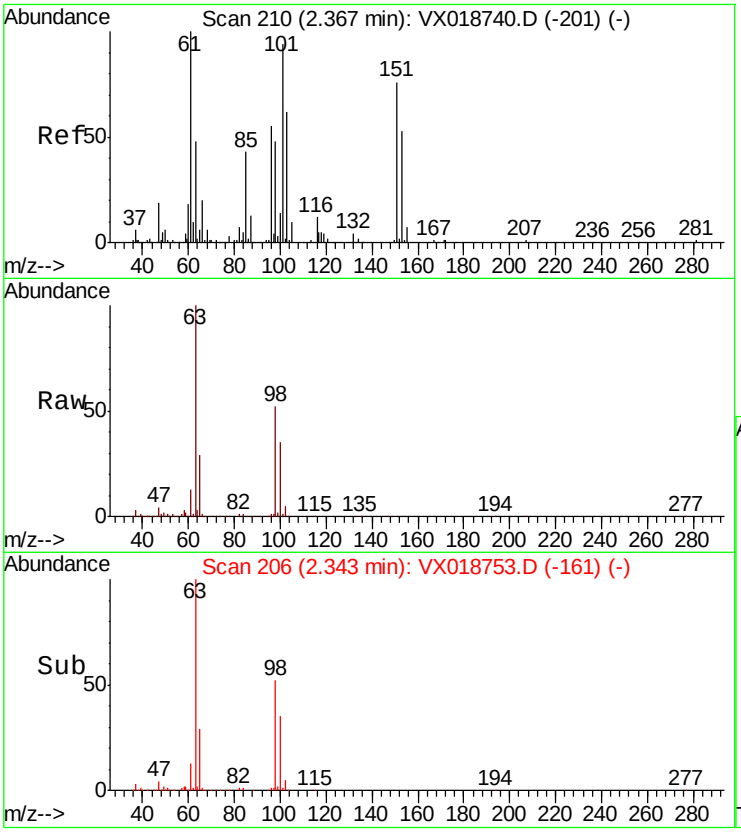


#6
Bromomethane
Concen: 0.086 ug/L
RT: 1.64 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 94 Resp: 567

Ion	Ratio	Lower	Upper
94	100		
96	69.6	63.5	117.9



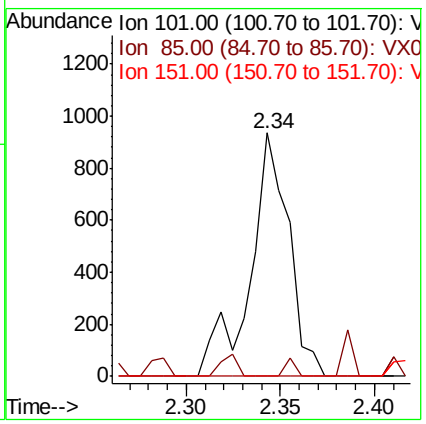


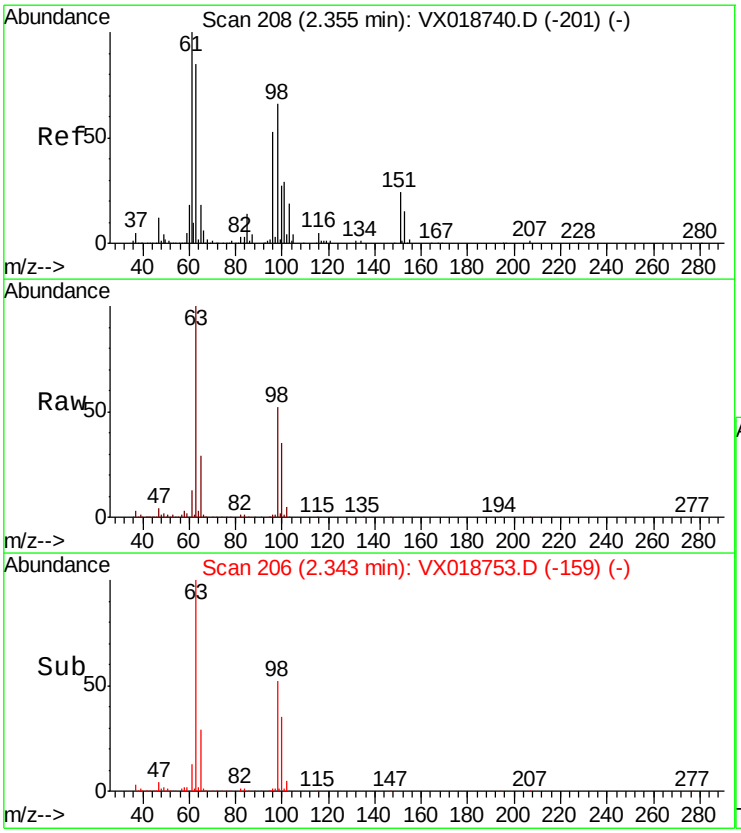
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.114 ug/L
RT: 2.34 min Scan# 206
Delta R.T. -0.02 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 1330

Ion	Ratio	Lower	Upper
101	100		
85	2.0	37.1	55.7#
151	0.0	65.0	97.6#

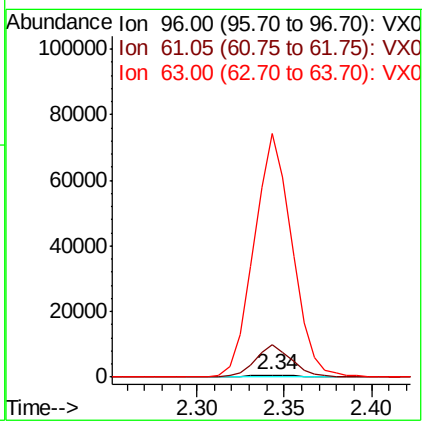


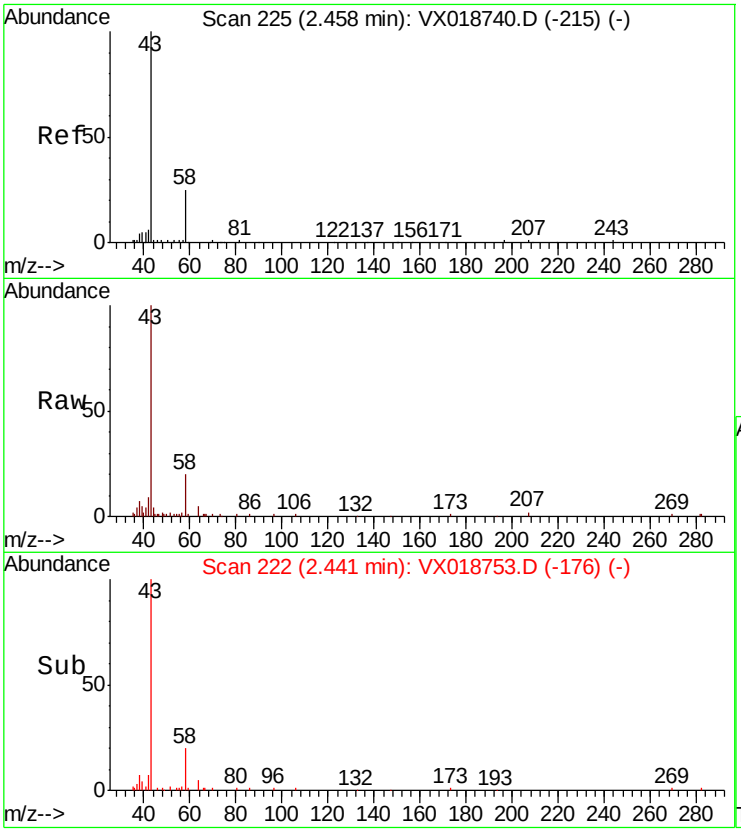


#12
1,1-Dichloroethene
Concen: 0.120 ug/L
RT: 2.34 min Scan# 206
Delta R.T. -0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 96 Resp: 1238

Ion	Ratio	Lower	Upper
96	100		
61	1371.7	133.2	247.4#
63	10387.7	115.1	213.7#



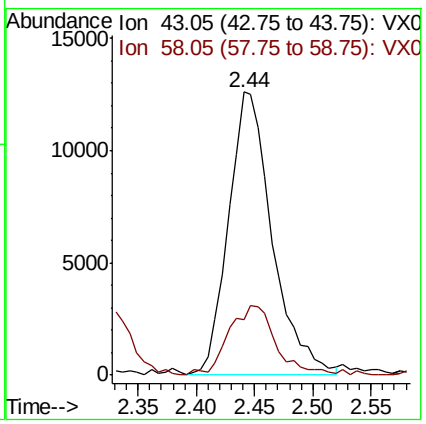


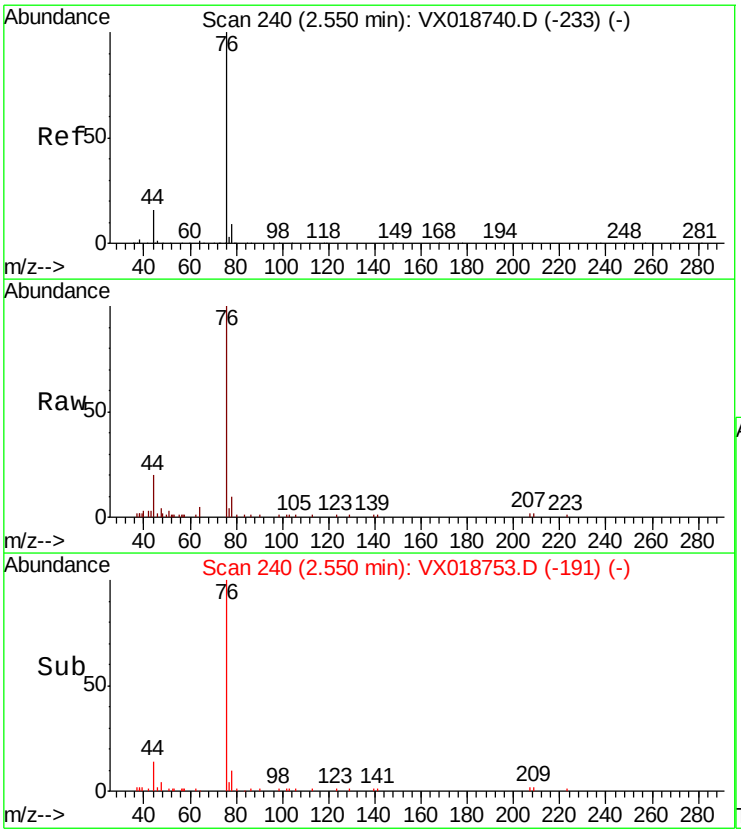
#13
Acetone
Concen: 19.058 ug/L
RT: 2.44 min Scan# 222
Delta R.T. -0.02 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 32997

Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	56.4

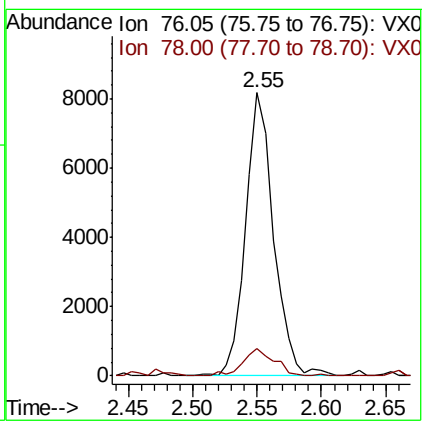


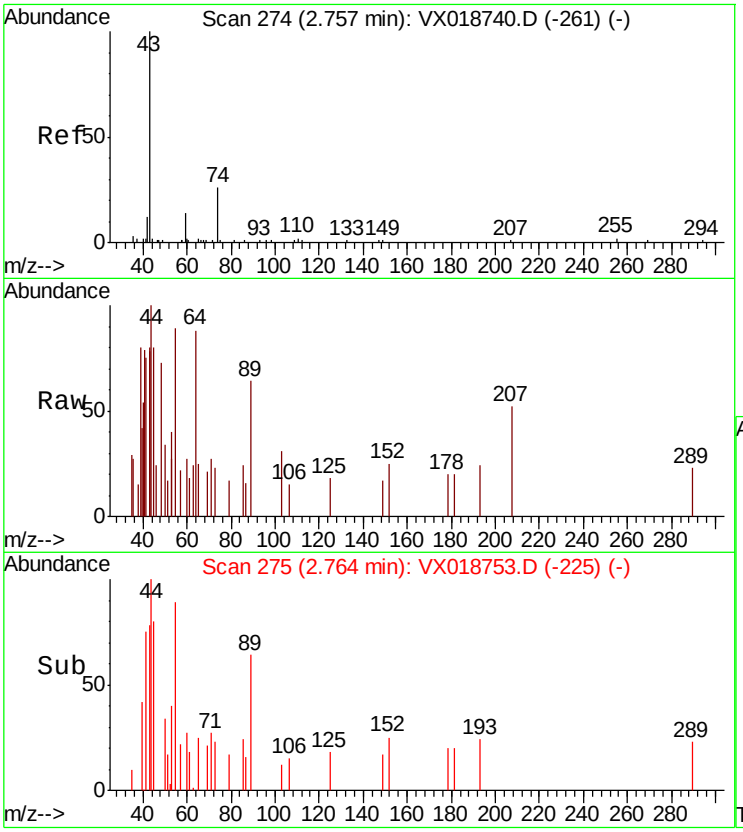


#14
Carbon disulfide
Concen: 0.378 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 76 Resp: 12193

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.2



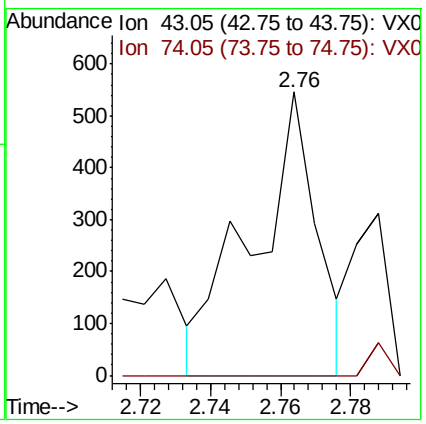


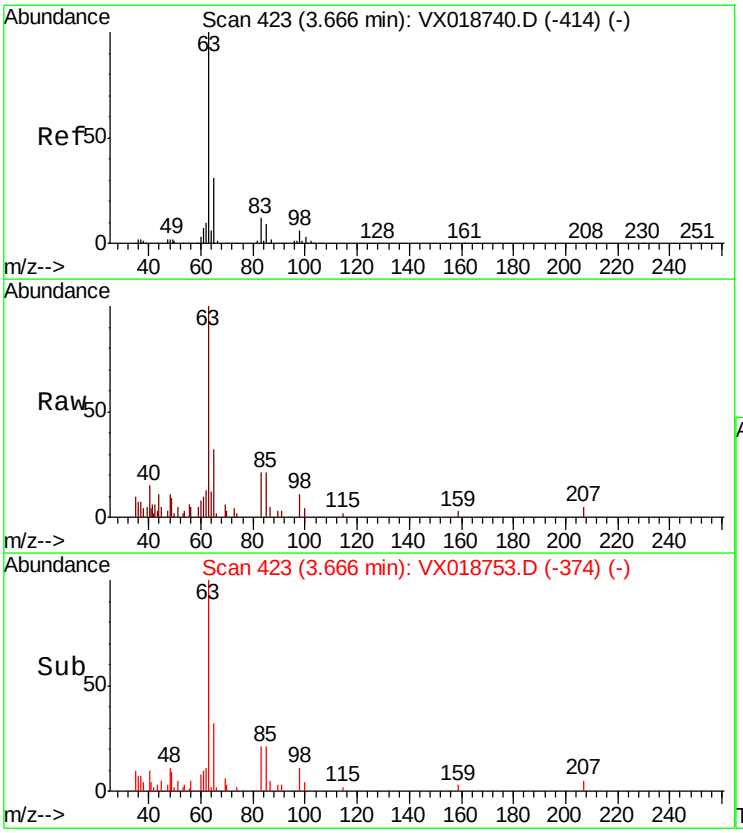
#15
Methyl Acetate
Concen: 0.163 ug/L
RT: 2.76 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 694

Ion	Ratio	Lower	Upper
43	100		
74	3.3	21.9	32.9#

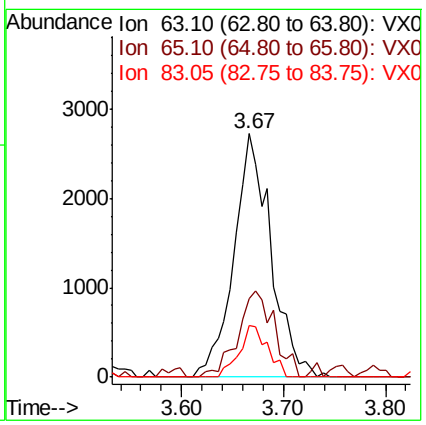


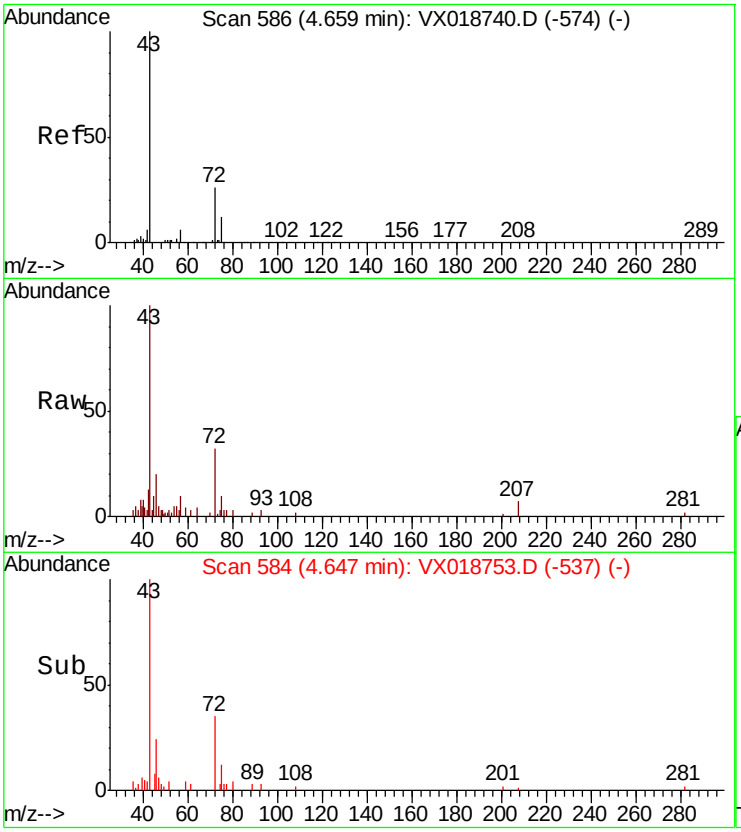


#19
1,1-Dichloroethane
Concen: 0.350 ug/L
RT: 3.67 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 63 Resp: 6875

Ion	Ratio	Lower	Upper
63	100		
65	32.3	21.6	40.2
83	21.2	8.7	16.1#



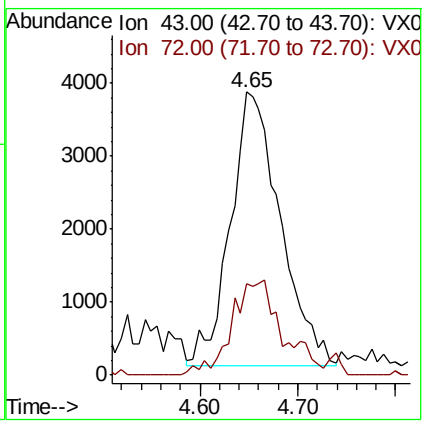


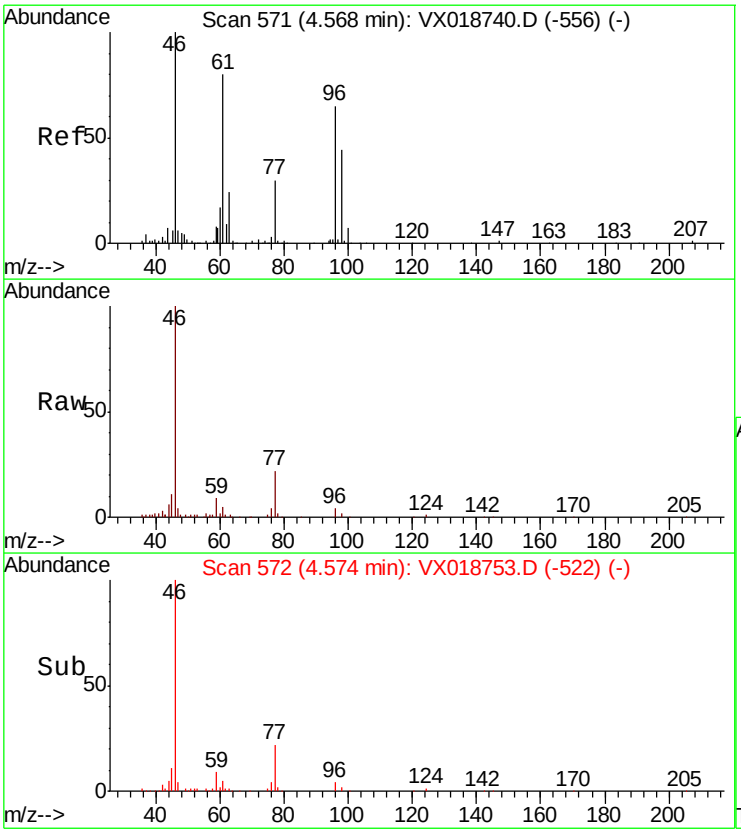
#21
2-Butanone
Concen: 5.298 ug/L
RT: 4.65 min Scan# 584
Delta R.T. -0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 13353

Ion	Ratio	Lower	Upper
43	100		
72	31.3	12.4	37.2

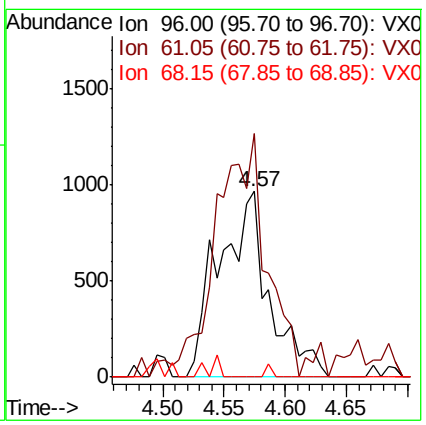


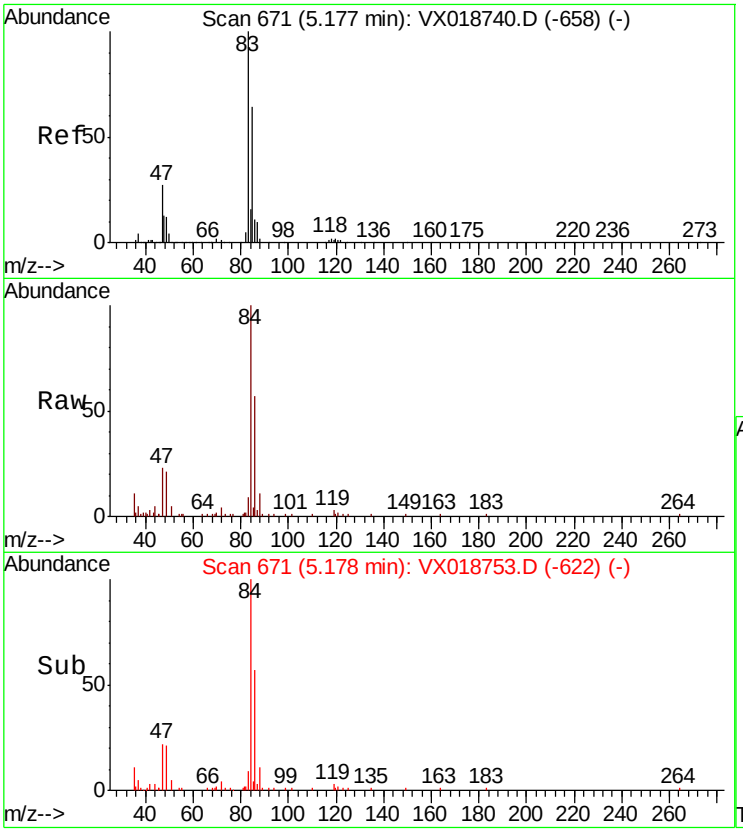


#22
cis-1,2-Dichloroethene
Concen: 0.240 ug/L
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 96 Resp: 2727

Ion	Ratio	Lower	Upper
96	100		
61	131.2	86.2	160.0
68	0.0	0.3	0.7#



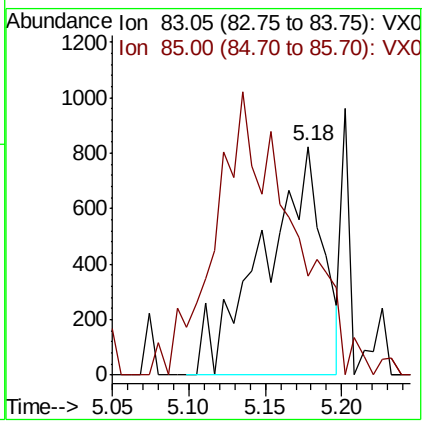


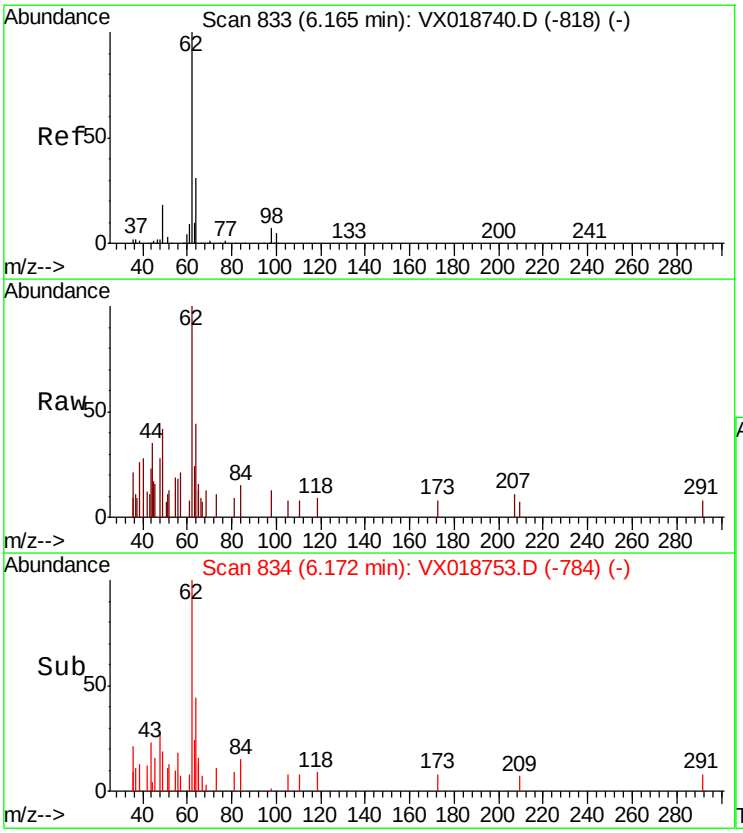
#25
Chloroform
Concen: 0.099 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 2219

Ion	Ratio	Lower	Upper
83	100		
85	43.6	44.6	82.8#

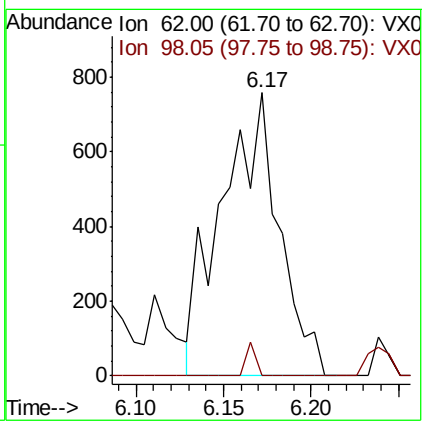


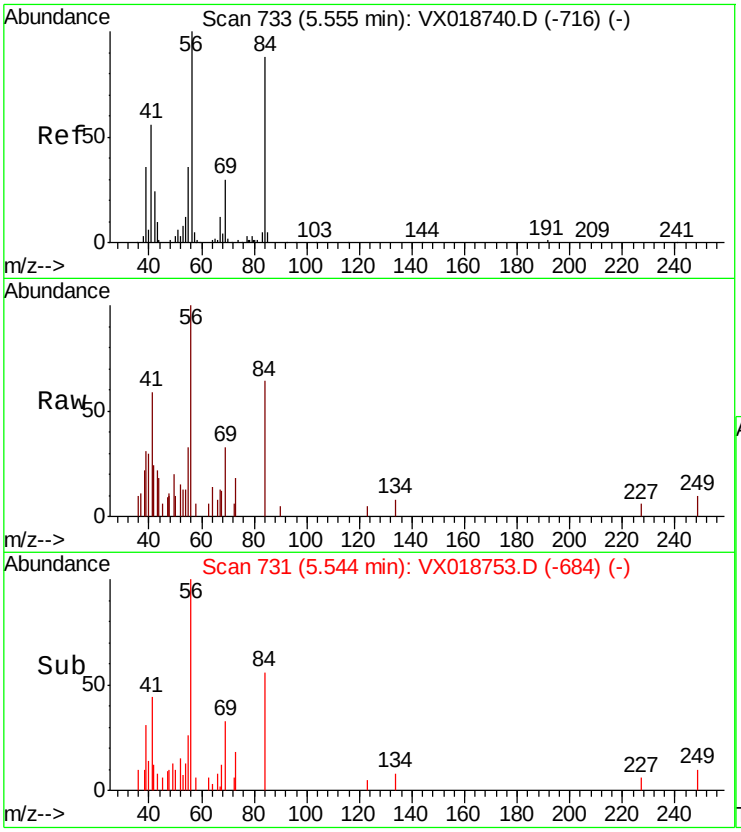


#27
1,2-Dichloroethane
Concen: 0.107 ug/L
RT: 6.17 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 62 Resp: 1741

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.8	8.8#



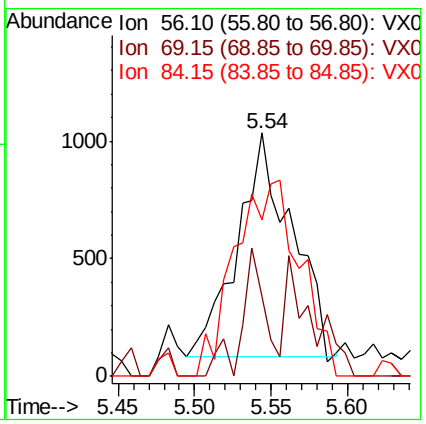


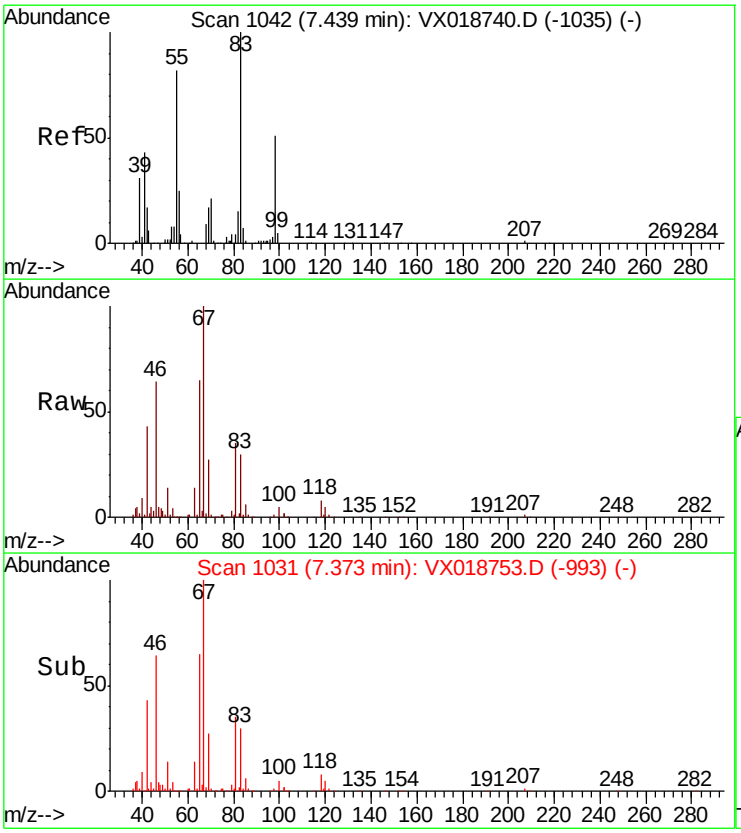
#30
Cyclohexane
Concen: 0.142 ug/L
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 2335

Ion	Ratio	Lower	Upper
56	100		
69	25.0	26.0	39.0#
84	0.0	73.8	110.6#

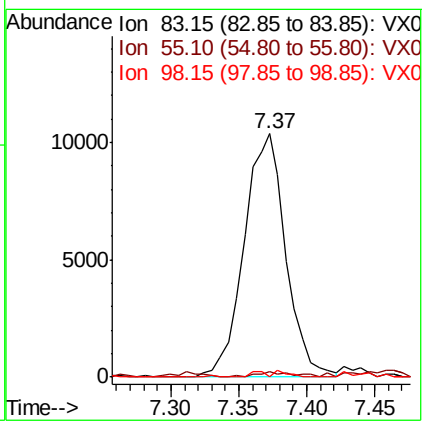


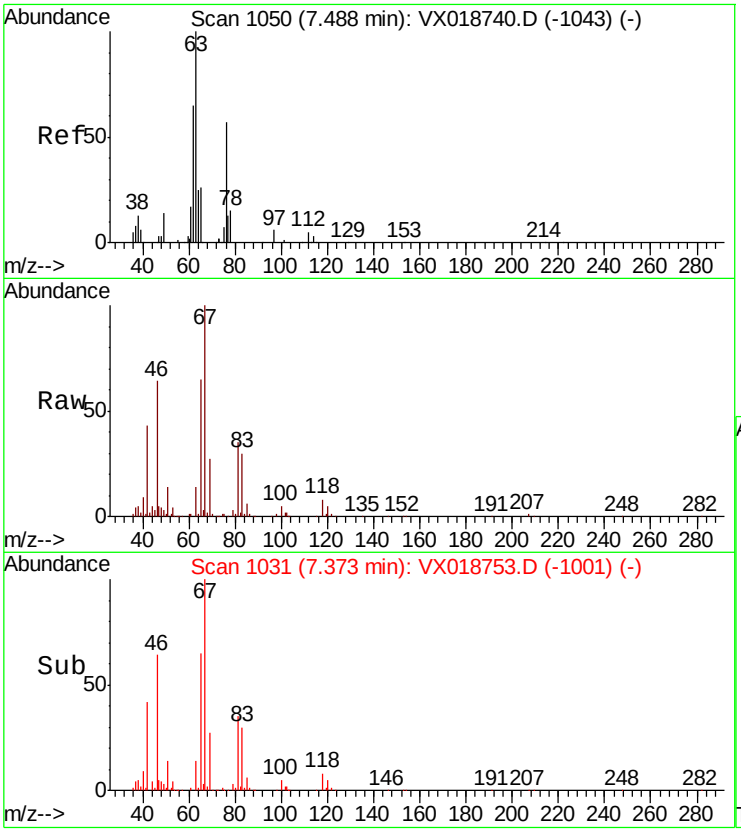


#35
Methylcyclohexane
Concen: 1.266 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 83 Resp: 22215

Ion	Ratio	Lower	Upper
83	100		
55	1.6	60.3	90.5#
98	0.9	39.4	59.0#



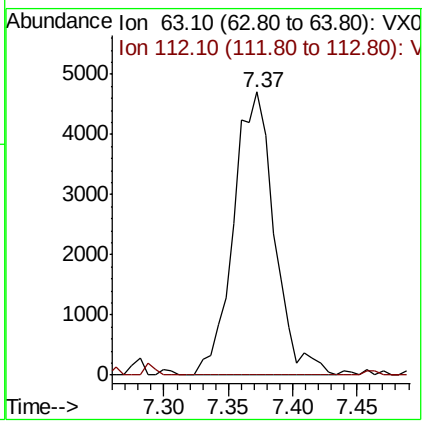


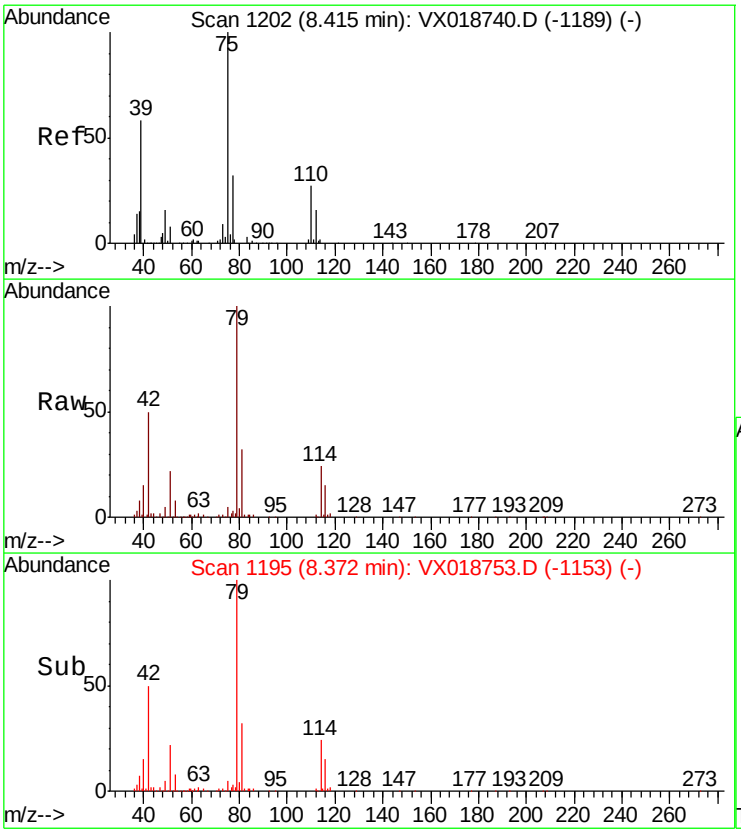
#37
1,2-Dichloropropane
Concen: 0.980 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 10303

Ion	Ratio	Lower	Upper
63	100		
112	0.5	4.7	7.1#

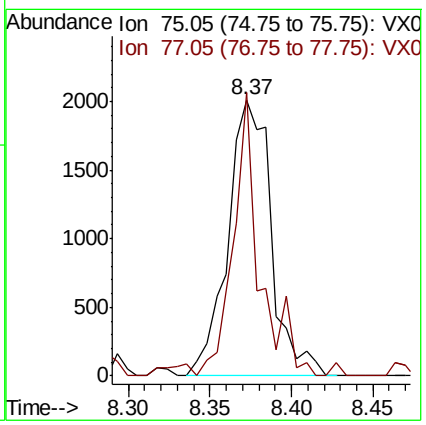


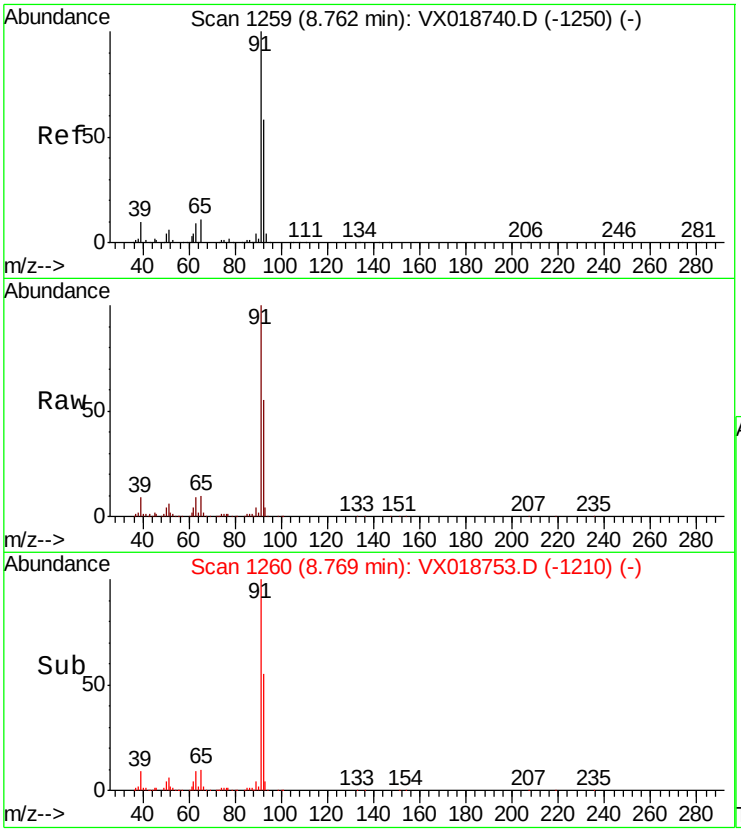


#39
cis-1,3-Dichloropropene
Concen: 0.222 ug/L
RT: 8.37 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 75 Resp: 3731

Ion	Ratio	Lower	Upper
75	100		
77	102.4	22.5	41.7#



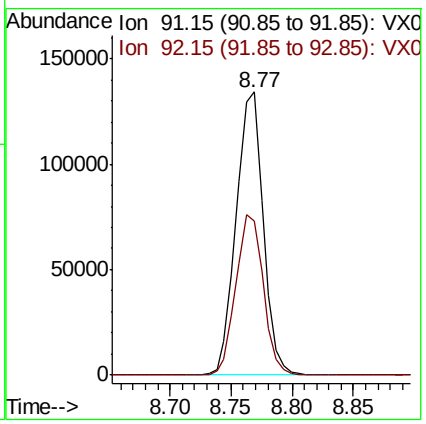


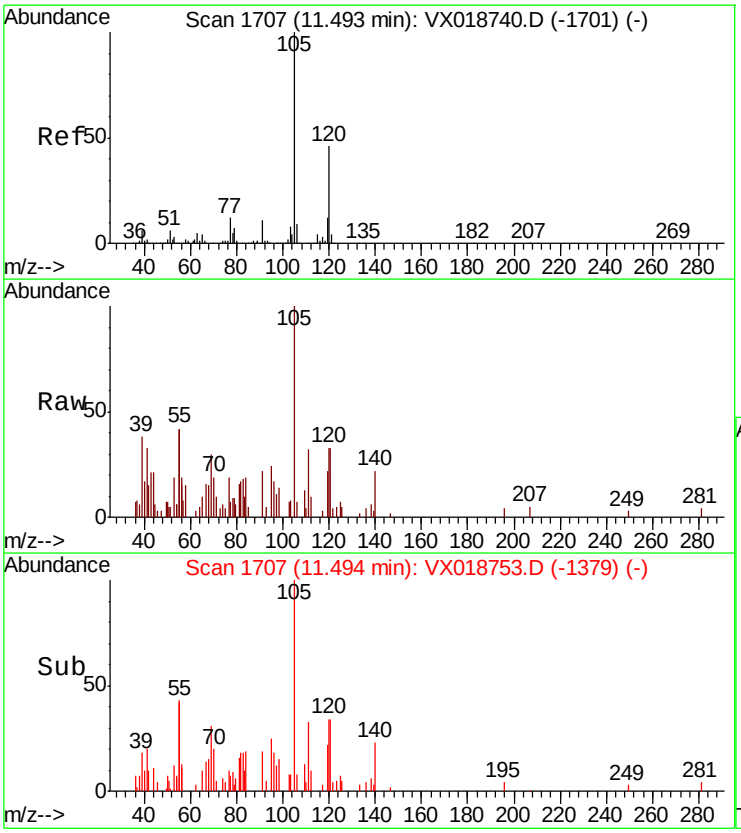
#42
Toluene
Concen: 4.496 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 206396

Ion	Ratio	Lower	Upper
91	100		
92	54.7	40.3	74.9

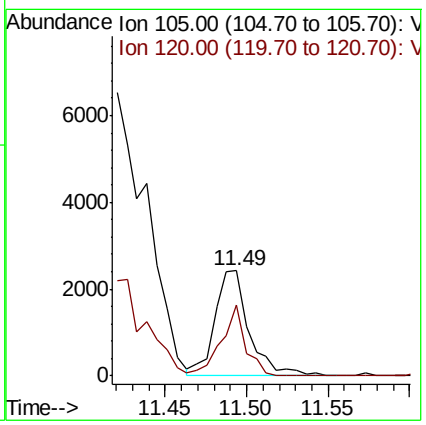


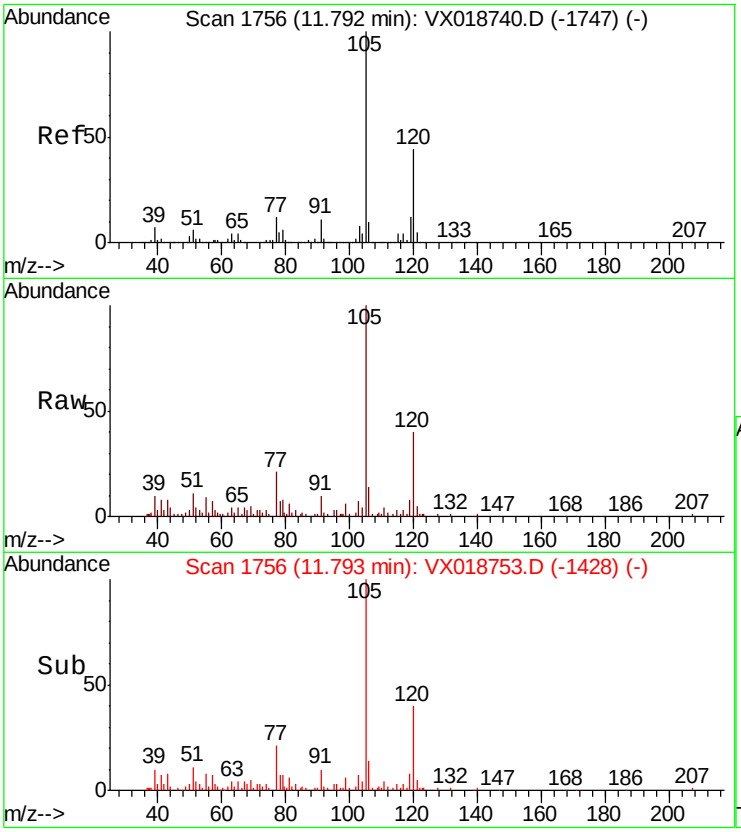


#43
1,3,5-Trimethylbenzene
Concen: 0.082 ug/L
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion:105 Resp: 3565

Ion	Ratio	Lower	Upper
105	100		
120	47.4	37.7	56.5



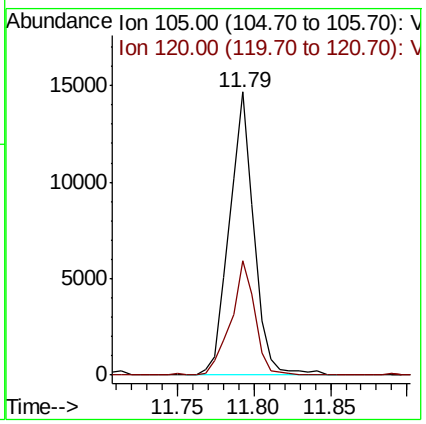


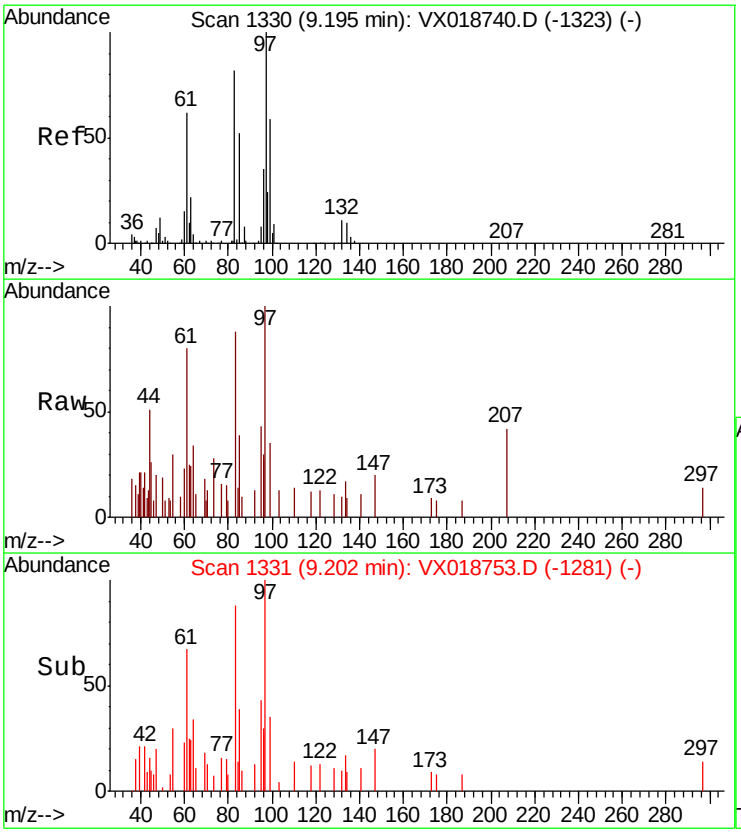
#44
1,2,4-Trimethylbenzene
Concen: 0.371 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 16350

Ion	Ratio	Lower	Upper
105	100		
120	39.2	35.1	52.7

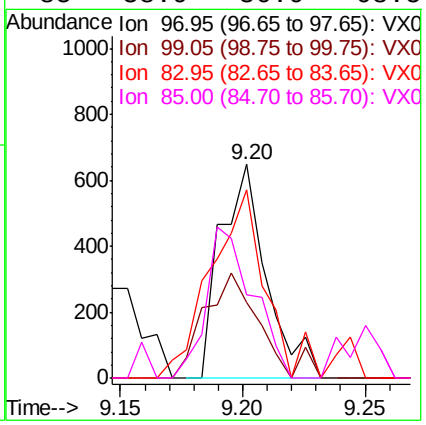


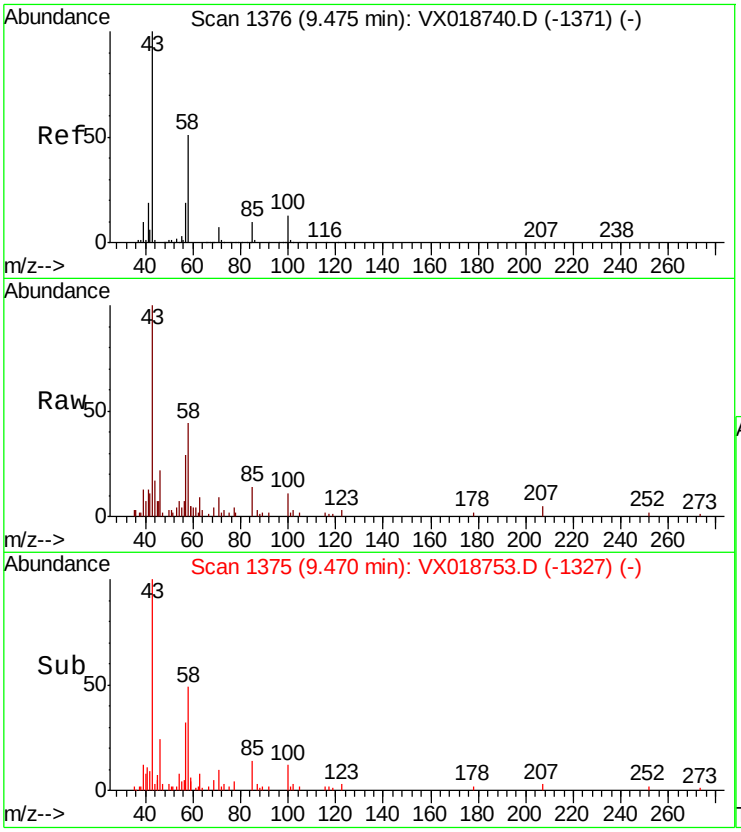


#47
1,1,2-Trichloroethane
Concen: 0.107 ug/L
RT: 9.20 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 97 Resp: 846

Ion	Ratio	Lower	Upper
97	100		
99	35.5	41.1	76.3#
83	88.1	57.5	106.7
85	38.9	36.9	68.5



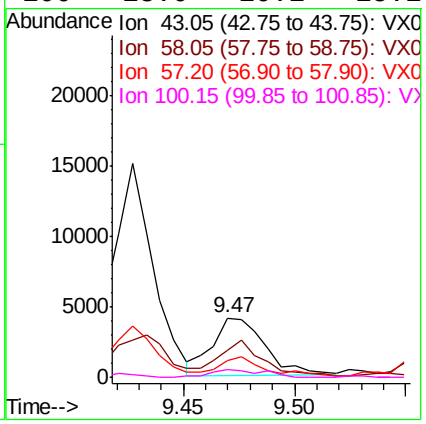


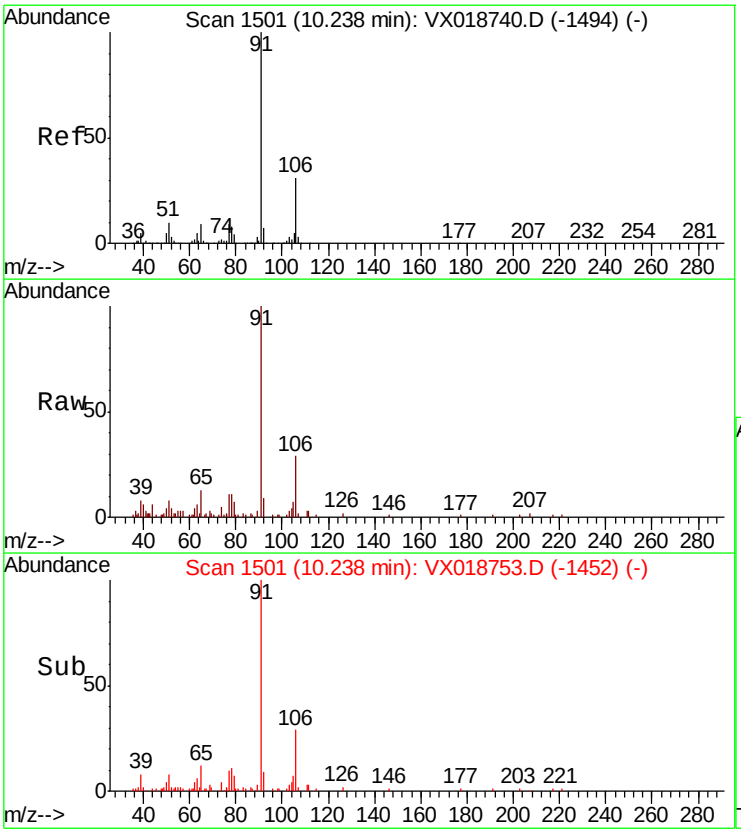
#50
2-Hexanone
Concen: 1.545 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 6834

Ion	Ratio	Lower	Upper
43	100		
58	55.5	41.0	61.4
57	28.3	15.9	23.9#
100	13.0	10.1	15.1

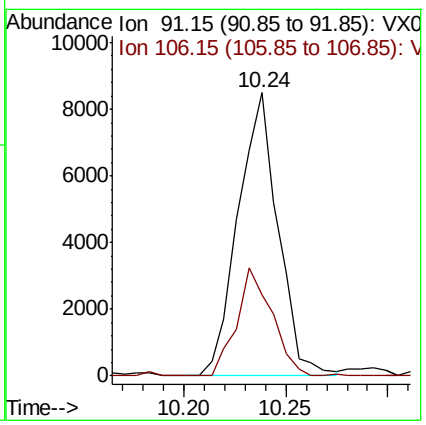


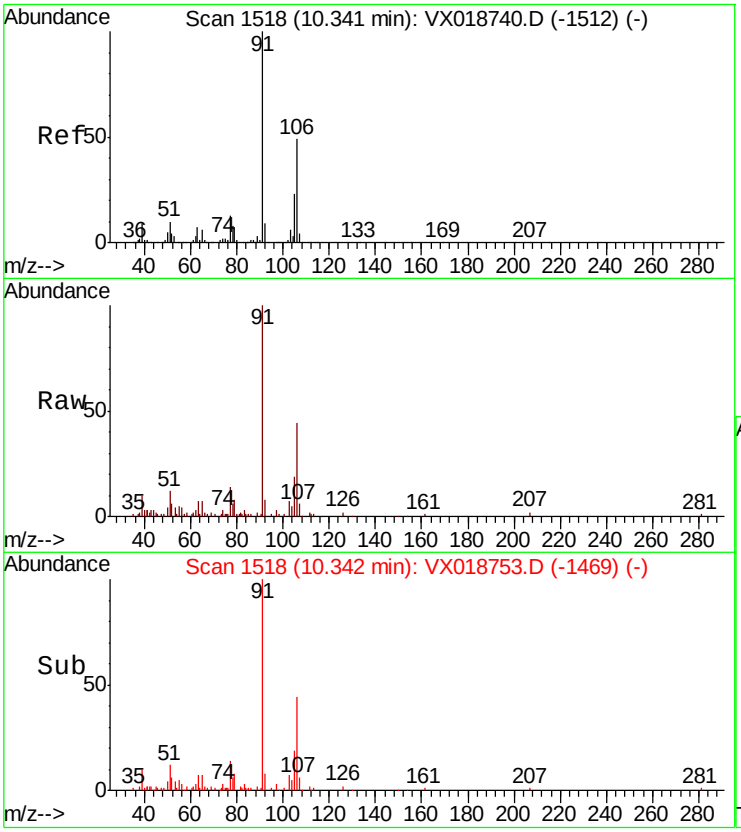


#54
Ethylbenzene
Concen: 0.225 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 91 Resp: 11561

Ion	Ratio	Lower	Upper
91	100		
106	28.7	21.5	39.9



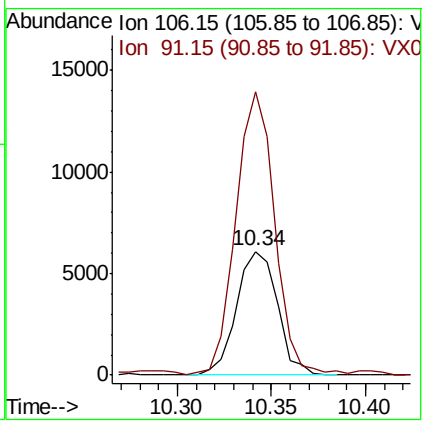


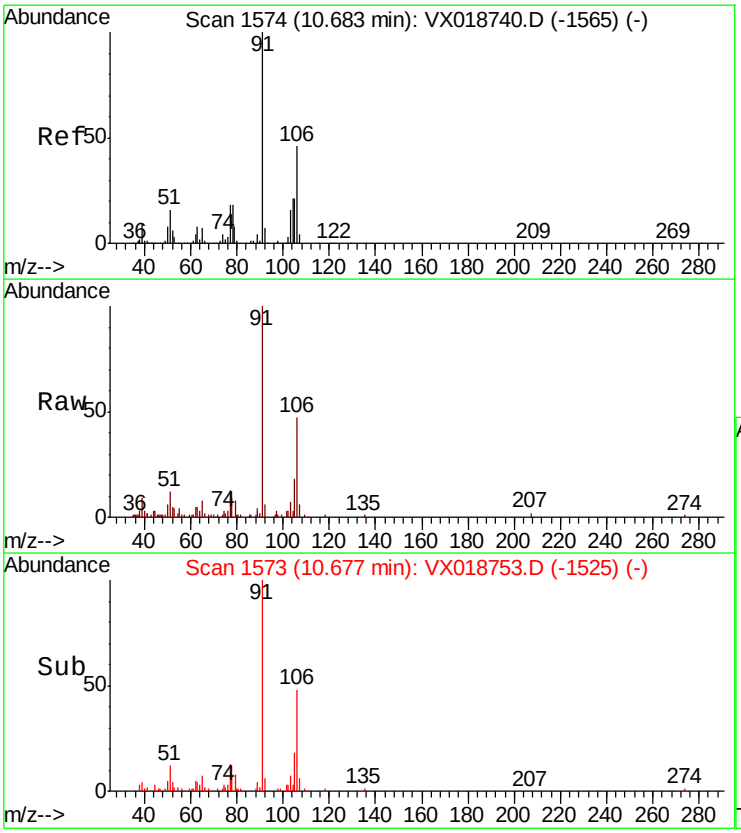
#55
m,p-xylene
Concen: 0.455 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 9124

Ion	Ratio	Lower	Upper
106	100		
91	228.5	143.4	266.2

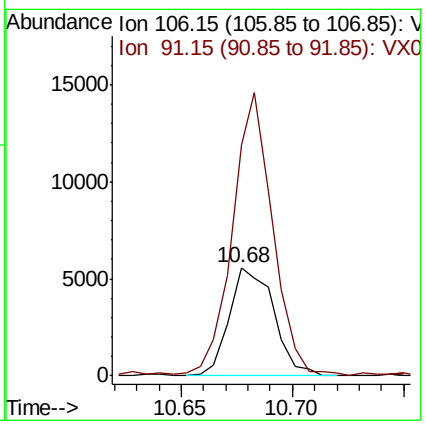


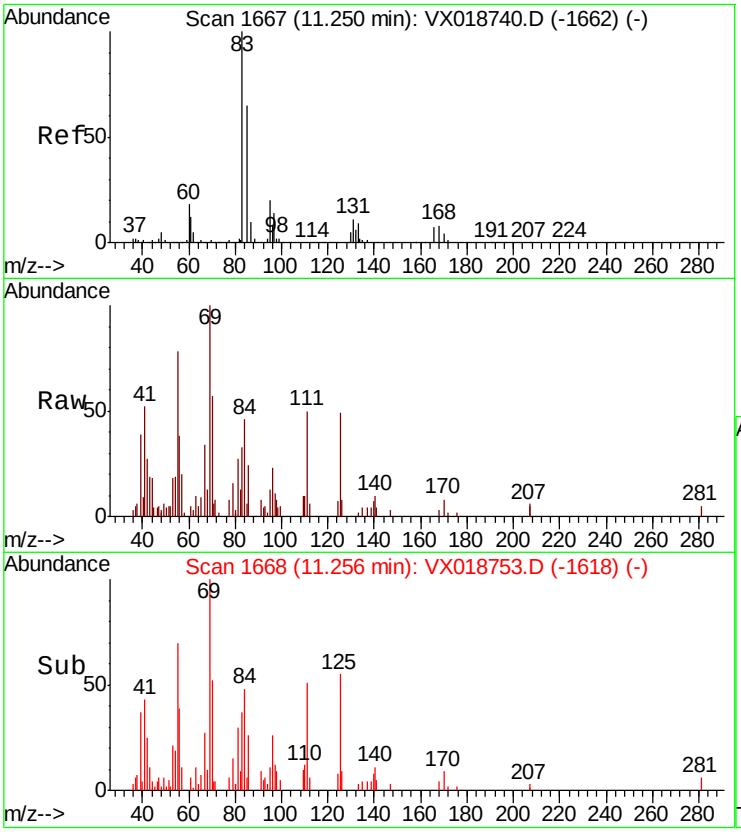


#56
o-xylene
Concen: 0.419 ug/L
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion:106 Resp: 7768

Ion	Ratio	Lower	Upper
106	100		
91	213.2	153.4	284.8



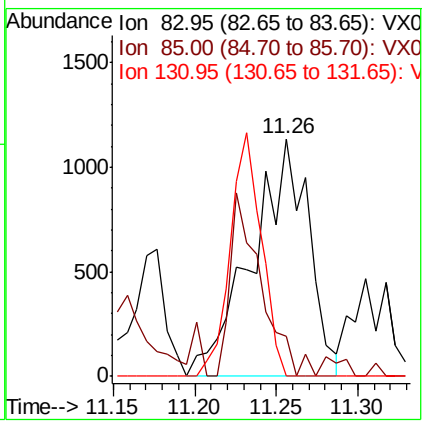


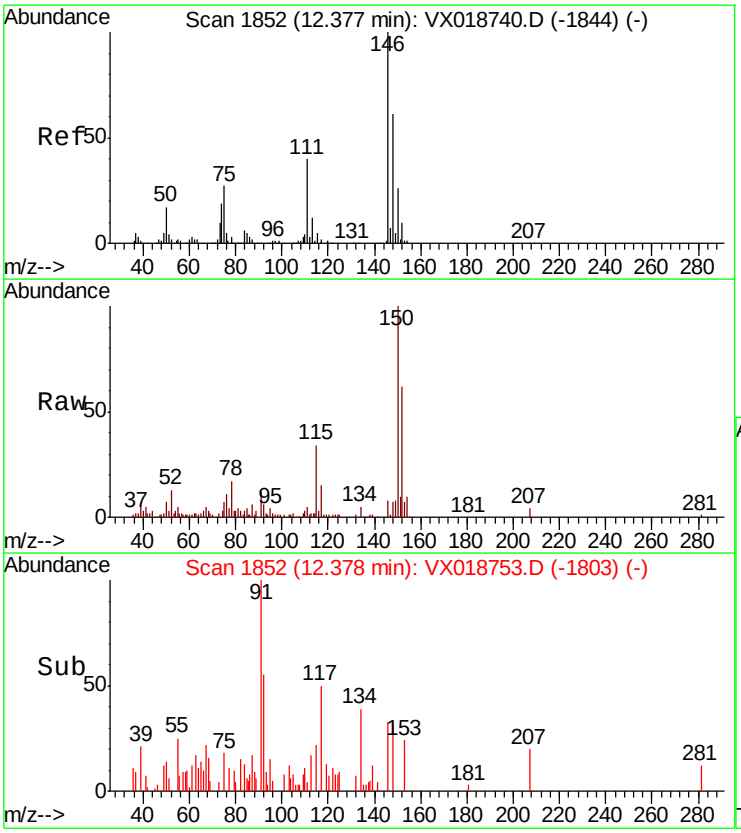
#60
1,1,2,2-Tetrachloroethane
Concen: 0.312 ug/L
RT: 11.26 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 2739

Ion	Ratio	Lower	Upper
83	100		
85	16.9	46.5	86.5#
131	0.0	9.6	14.4#

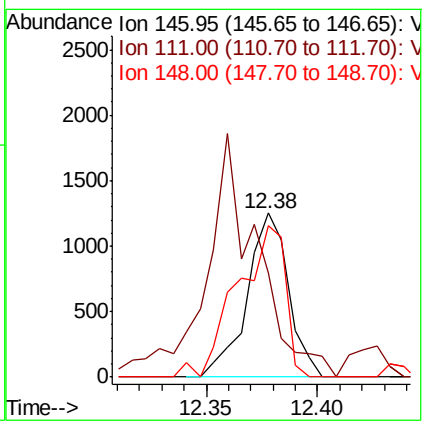


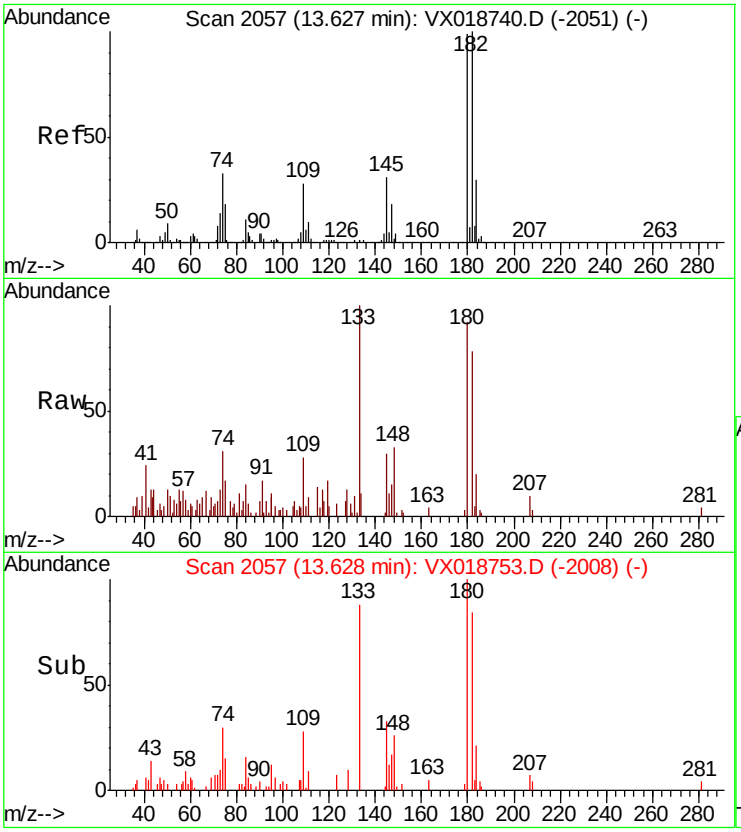


#66
1,2-Dichlorobenzene
Concen: 0.068 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion:146 Resp: 1618

Ion	Ratio	Lower	Upper
146	100		
111	63.8	31.7	47.5#
148	92.3	49.0	73.6#



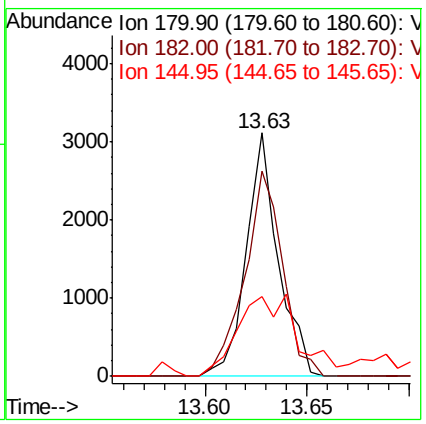


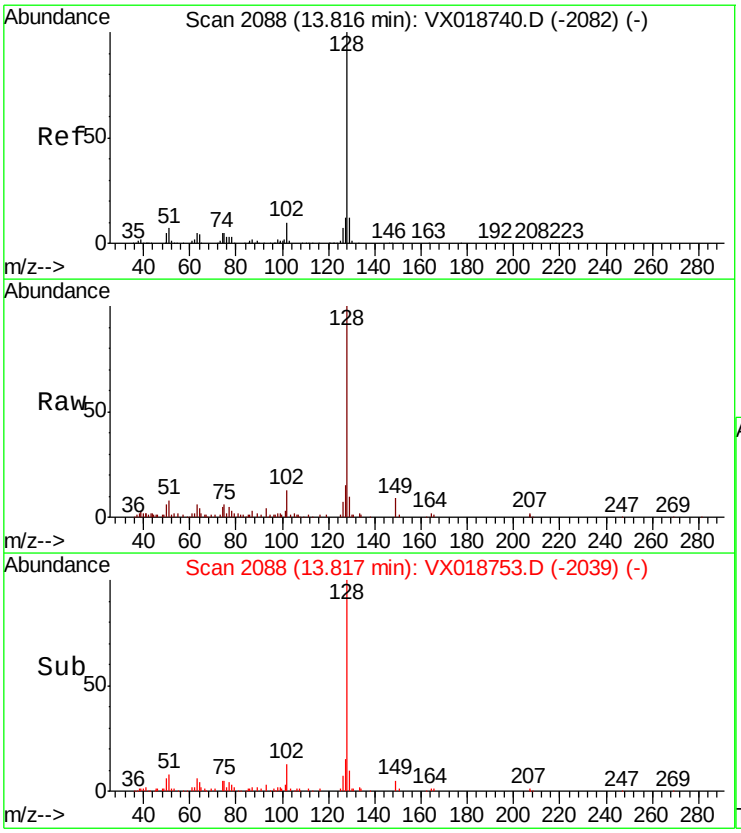
#69
1,2,4-trichlorobenzene
Concen: 0.211 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 3423

Ion	Ratio	Lower	Upper
180	100		
182	99.1	80.2	120.4
145	63.1	25.2	37.8#

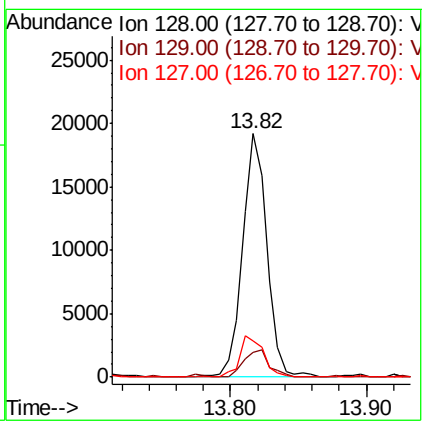


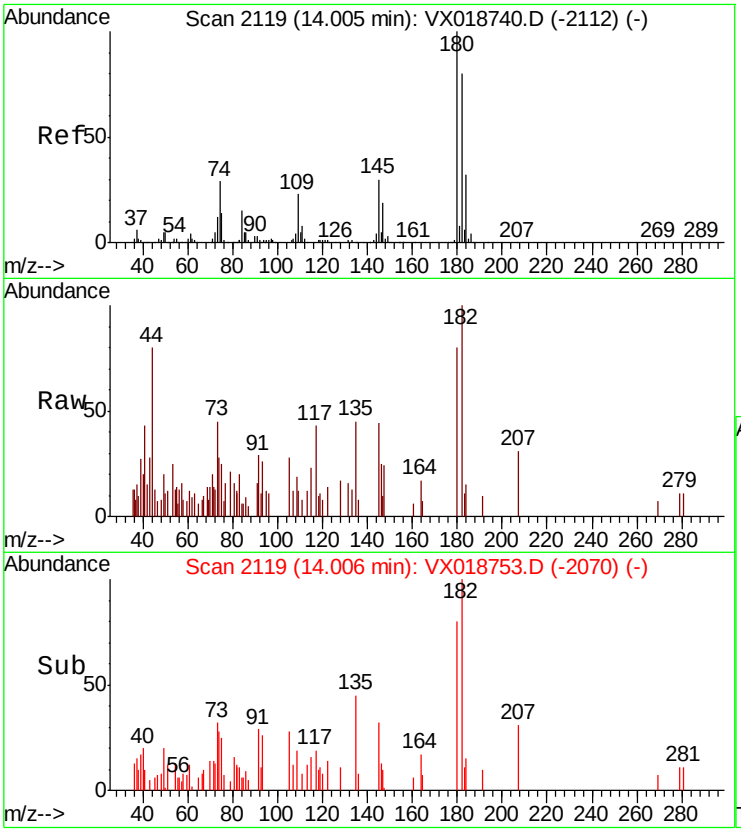


#70
Naphthalene
Concen: 0.907 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion:128 Resp: 24031

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	16.5	10.5	15.7#





#71
1,2,3-Trichlorobenzene
Concen: 0.073 ug/L
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1068

Ion	Ratio	Lower	Upper
180	100		
182	109.0	73.6	110.4
145	64.0	26.6	40.0#