Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018767.D
Acq On : 05 Oct 2020 15:47
Operator : JC/SP
Sample : L4239-01DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3M9DL

Quant Time: Oct 06 01:45:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 01:36:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	151122	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	142338	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	70886	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	44233	5.01	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.20%			
7) Chloroethane-d5	1.70	69	38439	5.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.20%			
11) 1,1-Dichloroethene-d2	2.34	63	76041	3.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.40%			
20) 2-Butanone-d5	4.56	46	143852	62.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 124.26%			
24) Chloroform-d	5.14	84	107092	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	6.03	65	61896	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	6.05	84	202506	5.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.60%			
36) 1,2-Dichloropropane-d6	7.37	67	62340	6.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 122.00%			
41) Toluene-d8	8.70	98	178604	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
45) trans-1,3-Dichloropropene-	8.99	79	27155	4.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.60%			
48) 2-Hexanone-d5	9.43	63	120869	65.55	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 131.10%#			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	48128	5.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.80%			
65) 1,2-Dichlorobenzene-d4	12.36	152	75096	5.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	836	0.103	ug/L #	1
12) 1,1-Dichloroethene	2.36	96	1401	0.186	ug/L #	1
14) Carbon disulfide	2.55	76	1692	0.072	ug/L	96
16) Methylene chloride	2.84	84	2990	0.328	ug/L	94
18) trans-1,2-Dichloroethene	3.15	96	725	0.090	ug/L #	60
19) 1,1-Dichloroethane	3.67	63	5907	0.412	ug/L	92
22) cis-1,2-Dichloroethene	4.56	96	74822	9.001	ug/L #	97
29) 1,1,1-Trichloroethane	5.46	97	113485	6.740	ug/L	99
30) Cyclohexane	5.54	56	4948	0.424	ug/L #	92
34) Trichloroethene	7.19	95	1661	0.189	ug/L #	81
35) Methylcyclohexane	7.37	83	16107	1.292	ug/L #	20
37) 1,2-Dichloropropane	7.37	63	7566	1.013	ug/L #	84
42) Toluene	8.76	91	931761	28.568	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	46753	1.515	ug/L	95
44) 1,2,4-Trimethylbenzene	11.79	105	257177	8.208	ug/L	97
53) Chlorobenzene	10.12	112	3275	0.147	ug/L #	82
54) Ethylbenzene	10.23	91	76628	2.096	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018767.D
Acq On : 05 Oct 2020 15:47
Operator : JC/SP
Sample : L4239-01DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3M9DL

Quant Time: Oct 06 01:45:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 01:36:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) m,p-xylene	10.34	106	84928	5.955	ug/L		96
56) o-xylene	10.68	106	55053	4.177	ug/L		93
57) Styrene	10.68	104	2918	0.130	ug/L	#	1
58) Isopropylbenzene	11.00	105	19846	0.538	ug/L		97
64) 1,4-Dichlorobenzene	12.09	146	2411	0.140	ug/L		84
66) 1,2-Dichlorobenzene	12.38	146	3658	0.227	ug/L	#	75
69) 1,2,4-trichlorobenzene	13.63	180	1576	0.143	ug/L	#	87
70) Naphthalene	13.82	128	40849	2.270	ug/L		98
71) 1,2,3-Trichlorobenzene	14.01	180	773	0.078	ug/L		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
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Acq On : 05 Oct 2020 15:47
Operator : JC/SP
Sample : L4239-01DL 40X
Misc : 25.0mL/MSVOA_X/WATER
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ClientSampleId :
BG3M9DL

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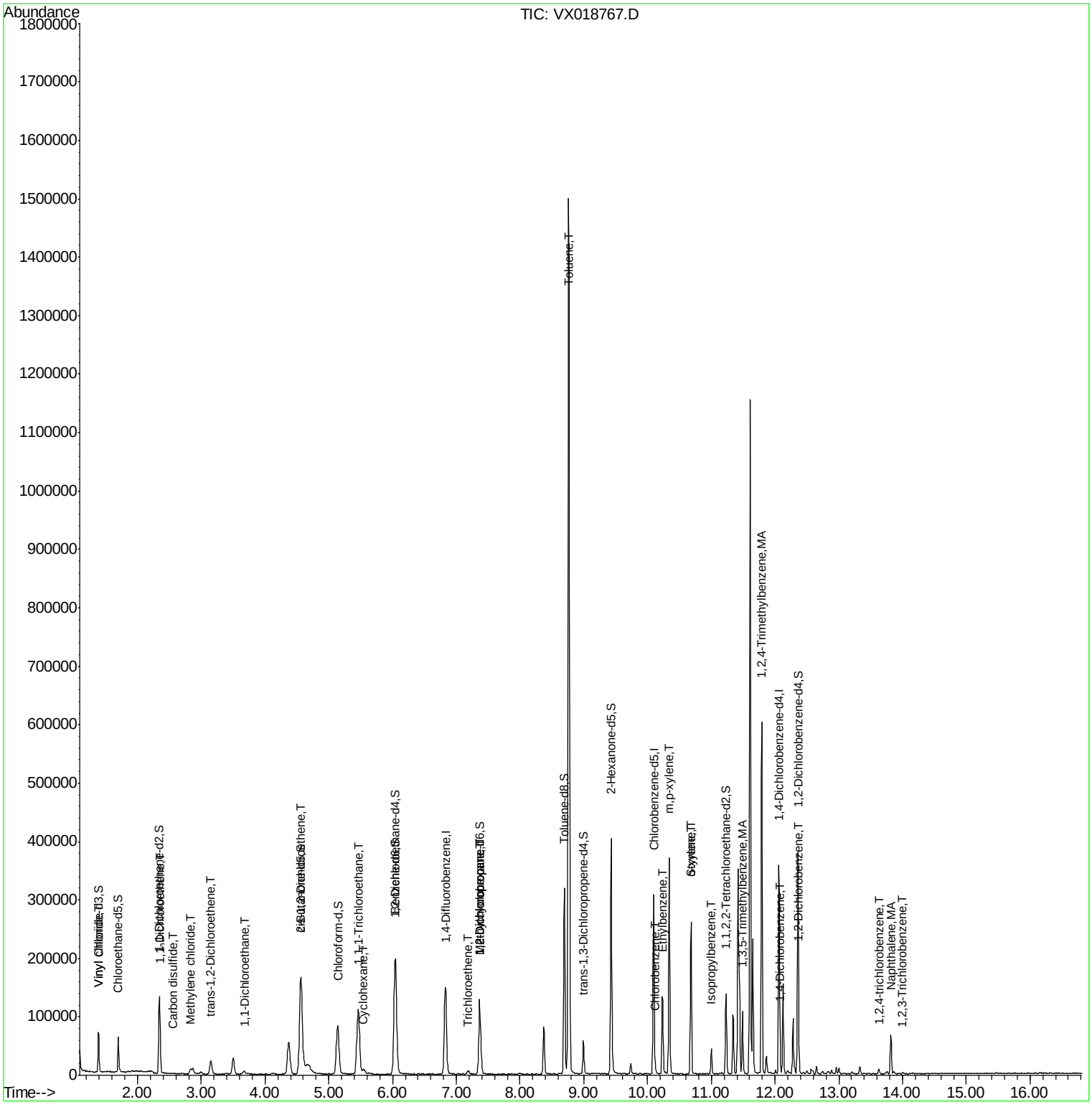
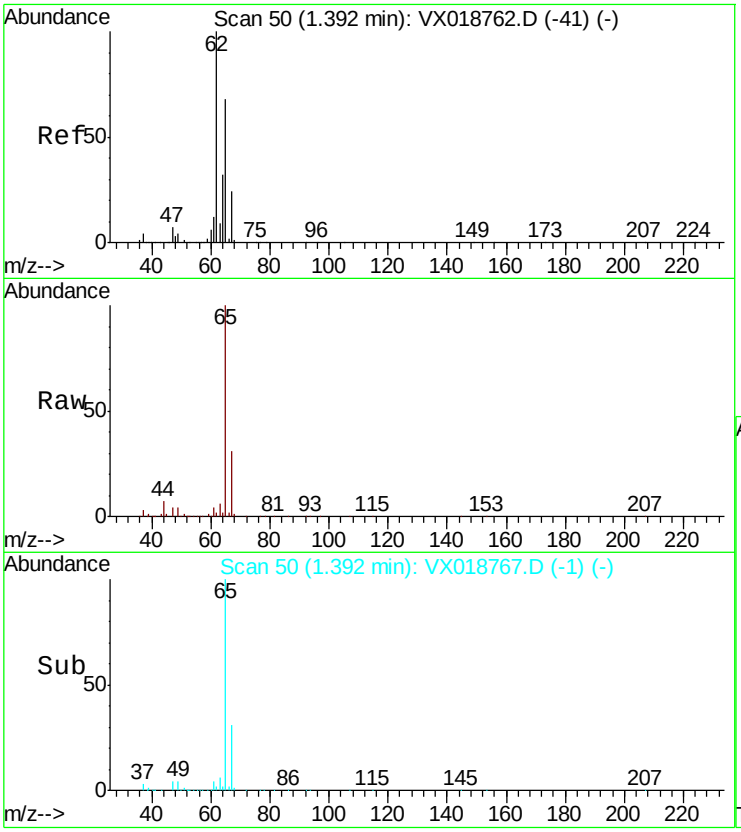
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 01:36:50 2020
Response via : Initial Calibration



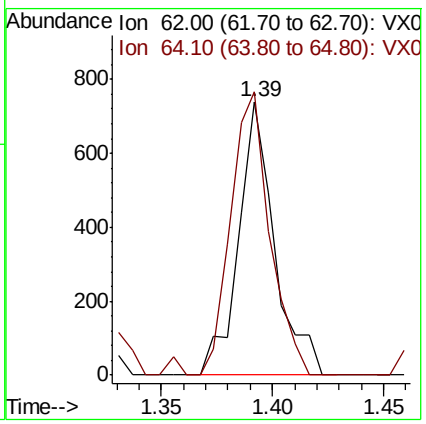


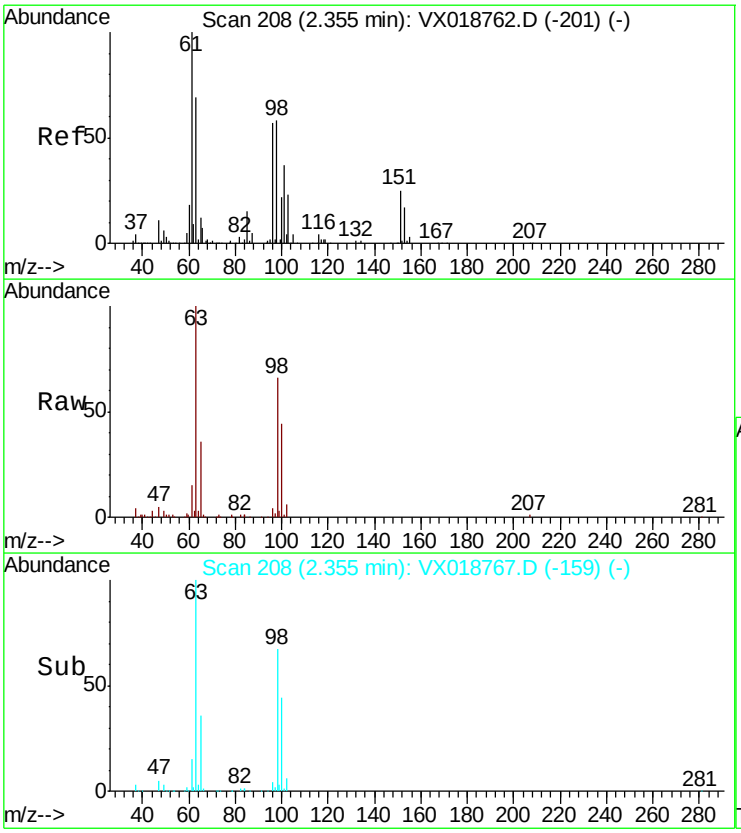
#5
Vinyl chloride
Concen: 0.103 ug/L
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL

Tgt Ion: 62 Resp: 836

Ion	Ratio	Lower	Upper
62	100		
64	103.5	24.3	45.1#

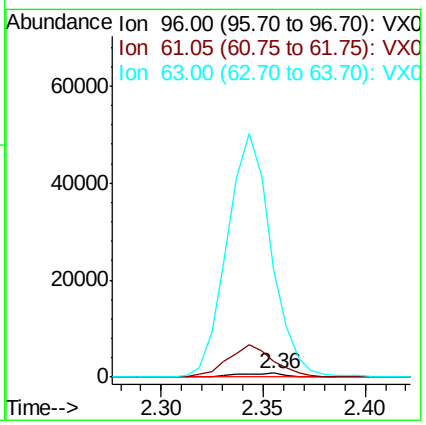


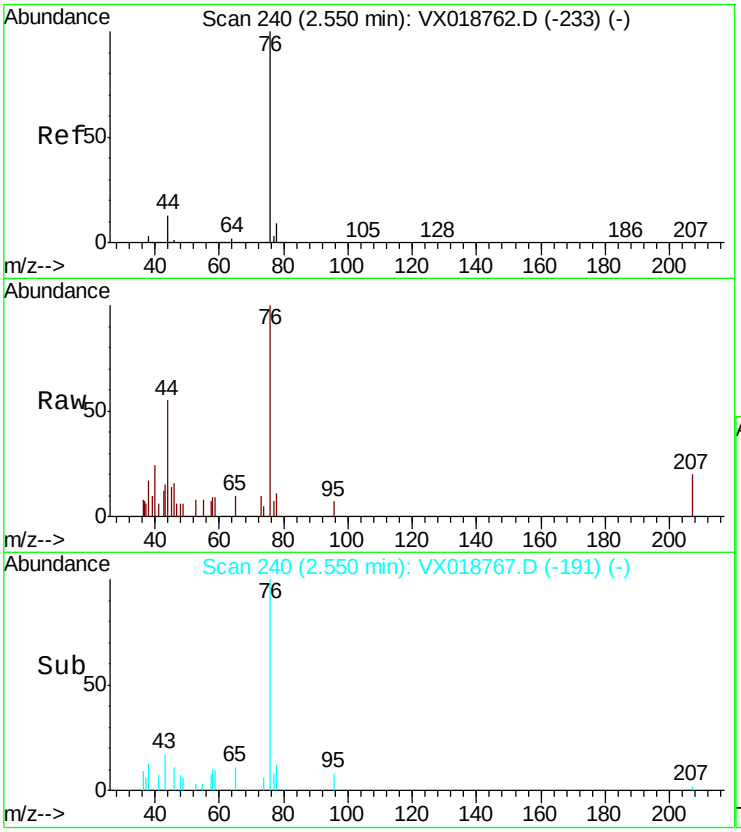


#12
1,1-Dichloroethene
Concen: 0.186 ug/L
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Tgt Ion: 96 Resp: 1401

Ion	Ratio	Lower	Upper
96	100		
61	418.0	133.2	247.4#
63	2849.0	115.1	213.7#



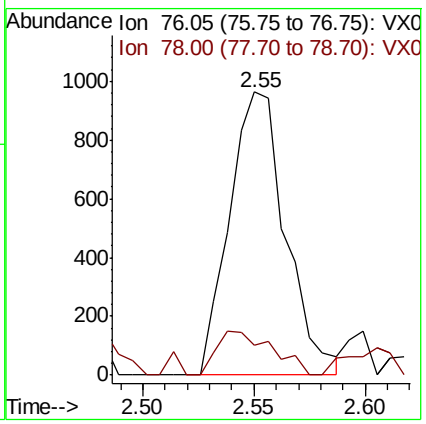


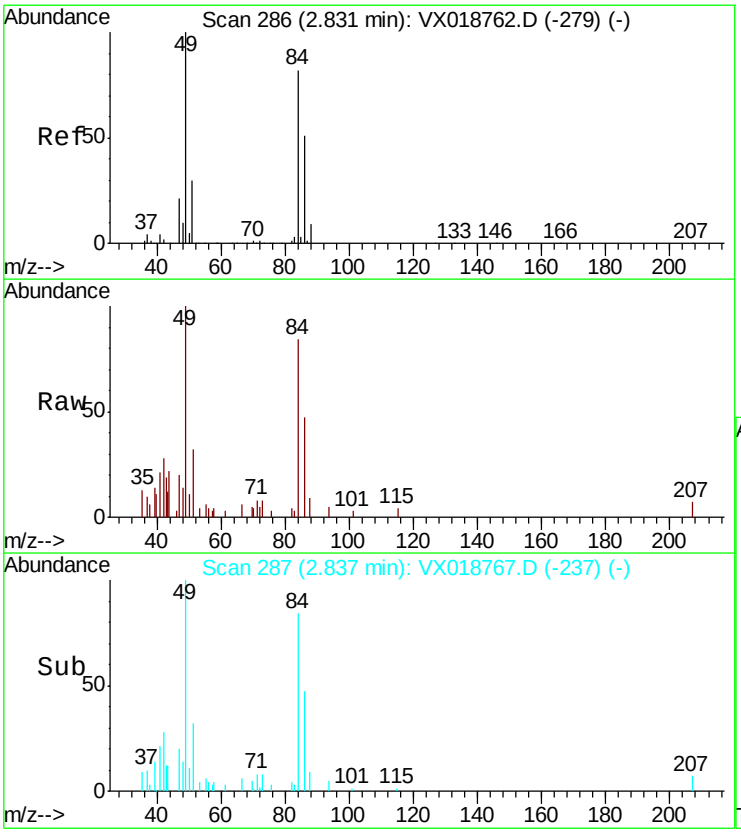
#14
Carbon disulfide
Concen: 0.072 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL

Tgt Ion: 76 Resp: 1692

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.4	11.2

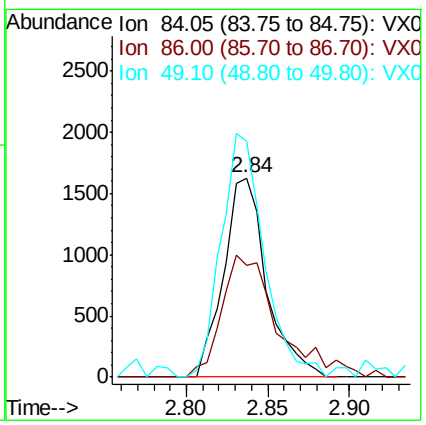


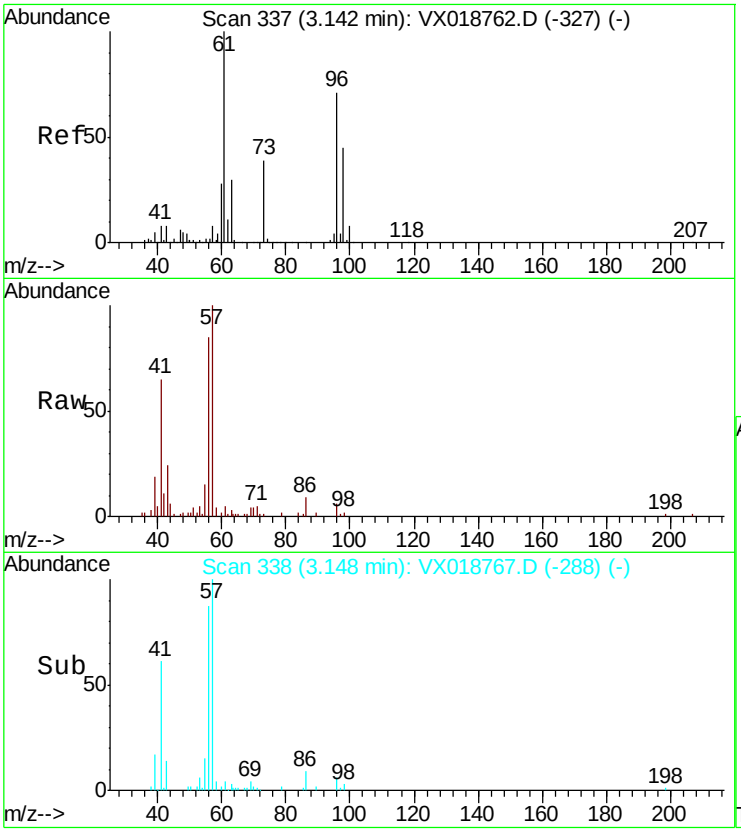


#16
Methylene chloride
Concen: 0.328 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Tgt Ion: 84 Resp: 2990

Ion	Ratio	Lower	Upper
84	100		
86	56.2	45.6	84.8
49	118.5	85.8	159.3



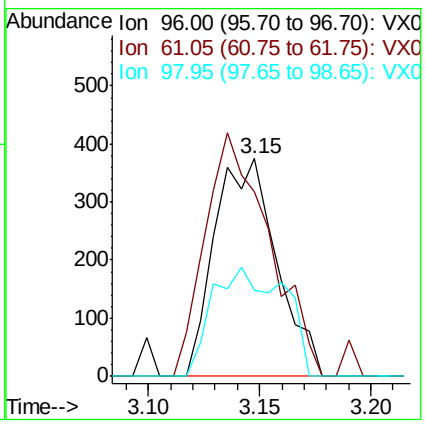


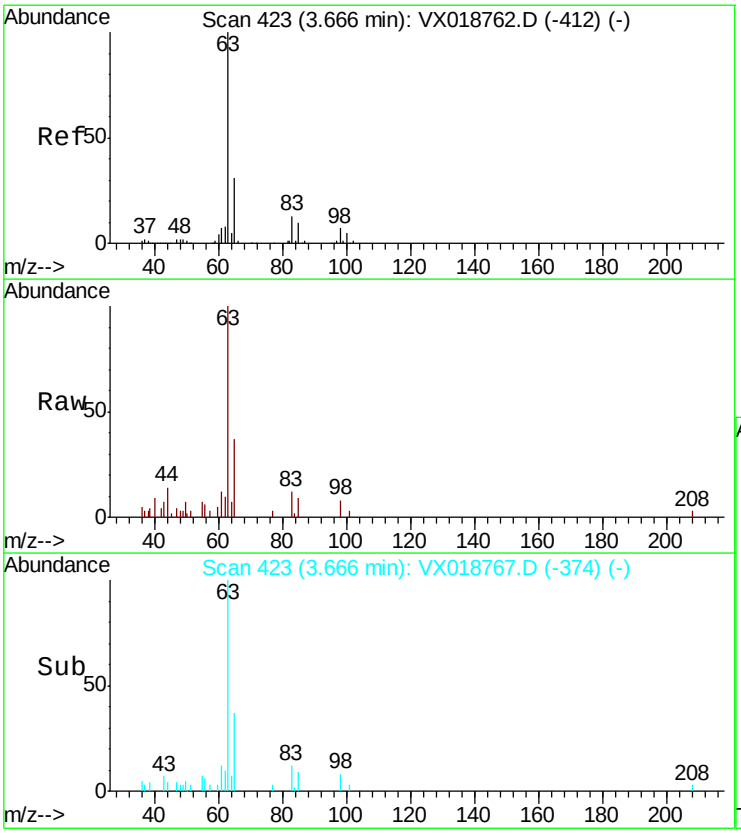
#18
trans-1,2-Dichloroethene
Concen: 0.090 ug/L
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL

Tgt Ion: 96 Resp: 725

Ion	Ratio	Lower	Upper
96	100		
61	84.5	97.6	181.4#
98	39.7	43.1	80.1#

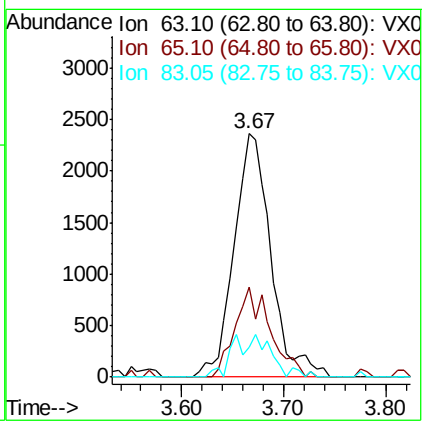


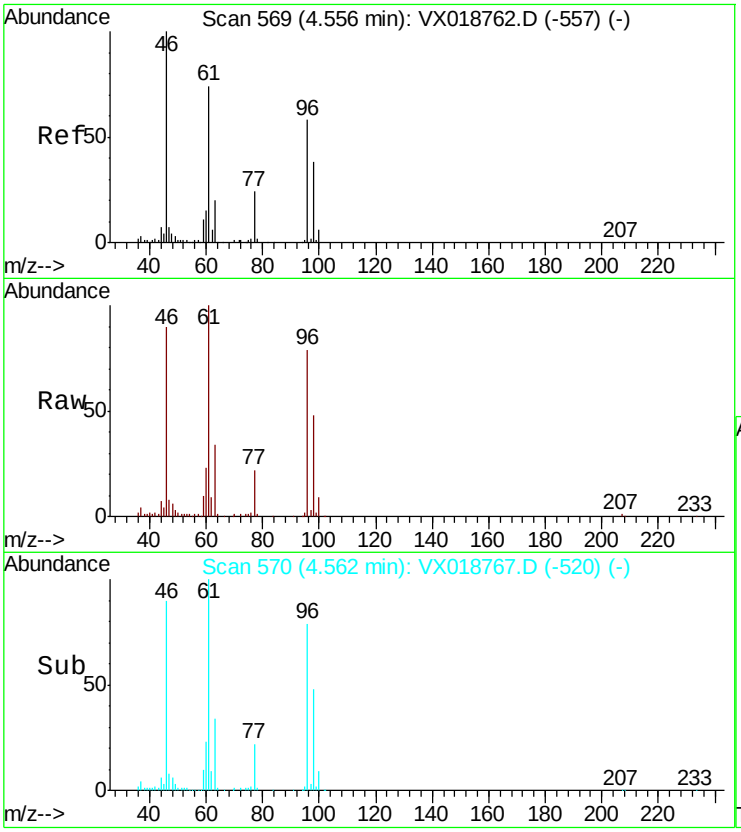


#19
1,1-Dichloroethane
Concen: 0.412 ug/L
RT: 3.67 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Tgt Ion: 63 Resp: 5907

Ion	Ratio	Lower	Upper
63	100		
65	37.1	21.6	40.2
83	12.1	8.7	16.1



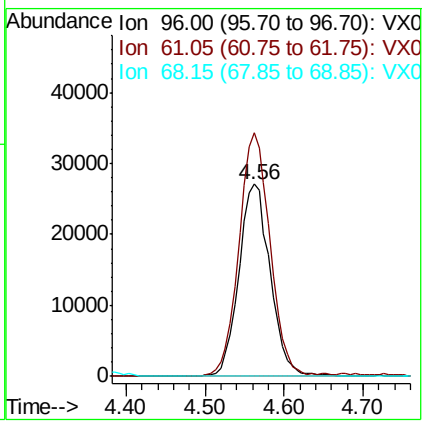


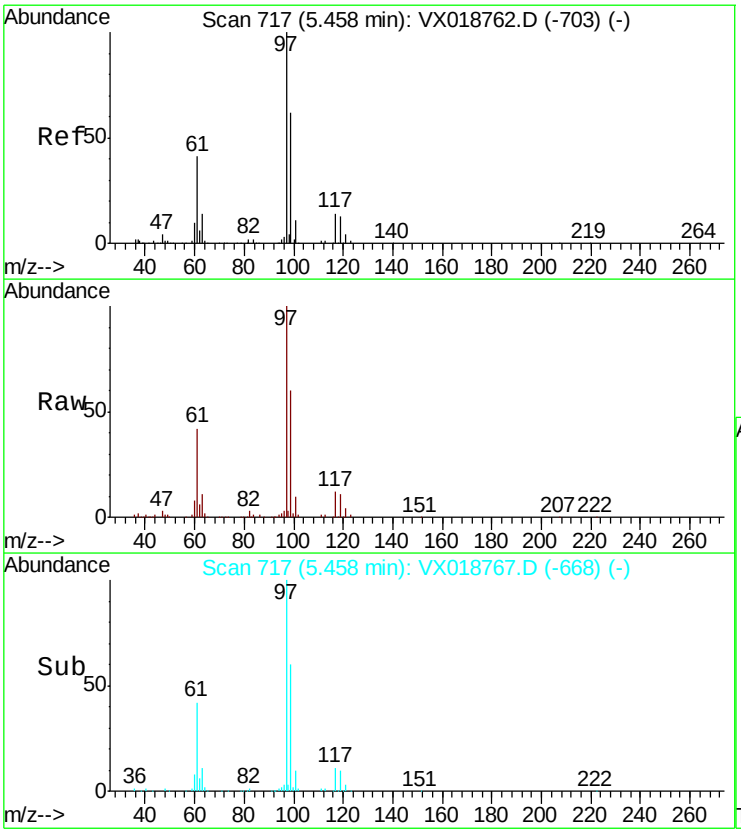
#22
cis-1,2-Dichloroethene
Concen: 9.001 ug/L
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL

Tgt Ion: 96 Resp: 74822

Ion	Ratio	Lower	Upper
96	100		
61	126.8	86.2	160.0
68	0.0	0.3	0.7#

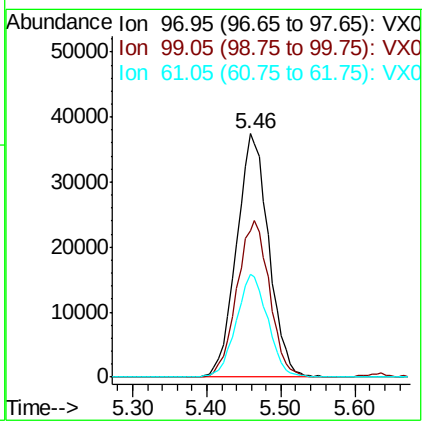


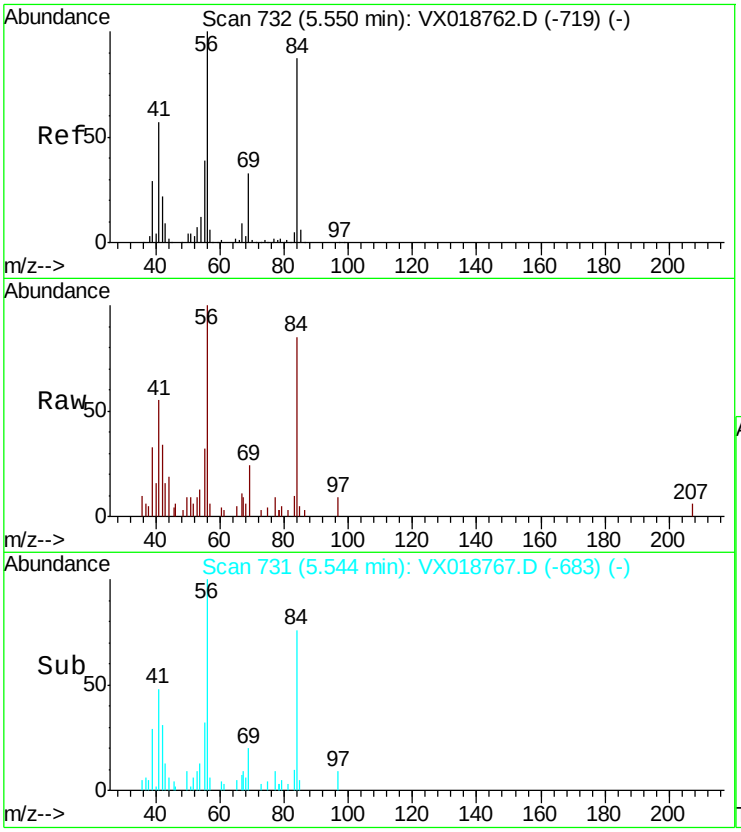


#29
1,1,1-Trichloroethane
Concen: 6.740 ug/L
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Tgt Ion: 97 Resp: 113485

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.3	76.9
61	41.5	33.3	49.9



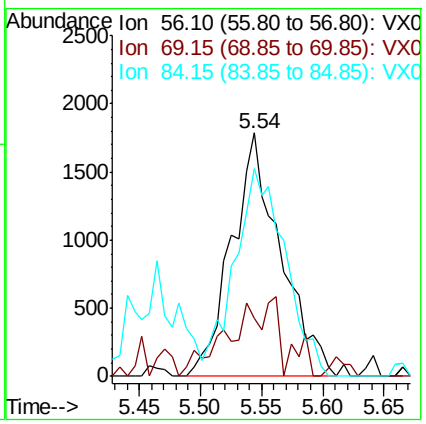


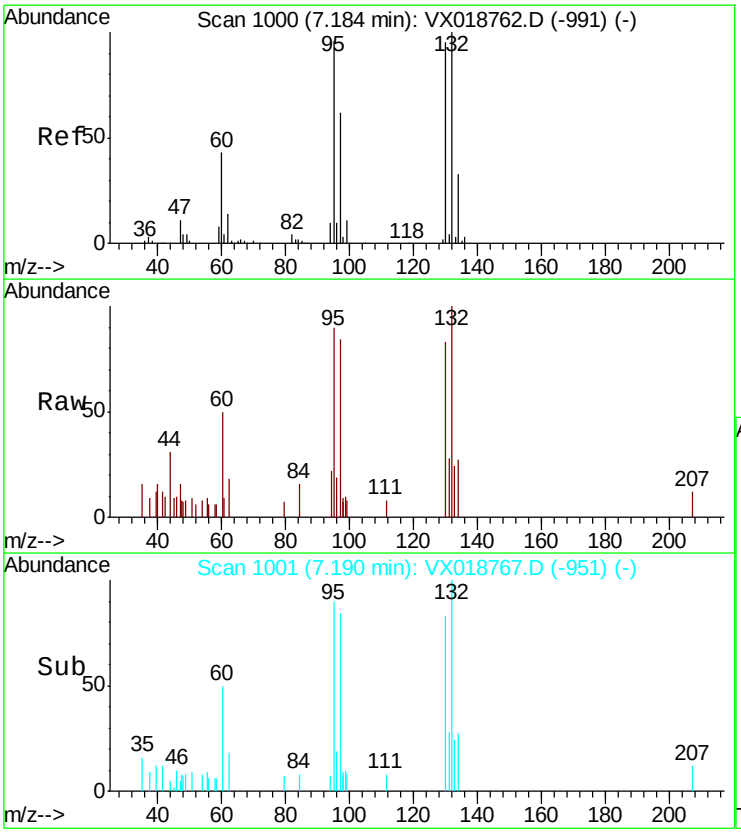
#30
Cyclohexane
Concen: 0.424 ug/L
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Instrument : MSVOA_X
ClientSampleId : BG3M9DL

Tgt Ion: 56 Resp: 4948

Ion	Ratio	Lower	Upper
56	100		
69	22.3	26.0	39.0#
84	88.3	73.8	110.6

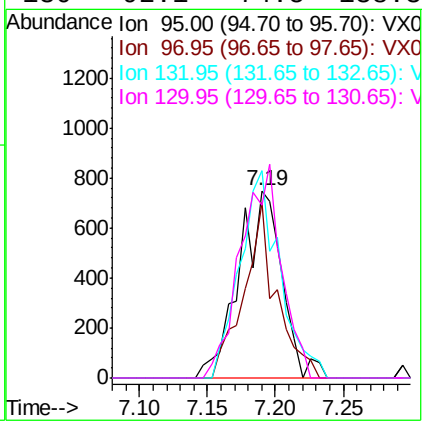


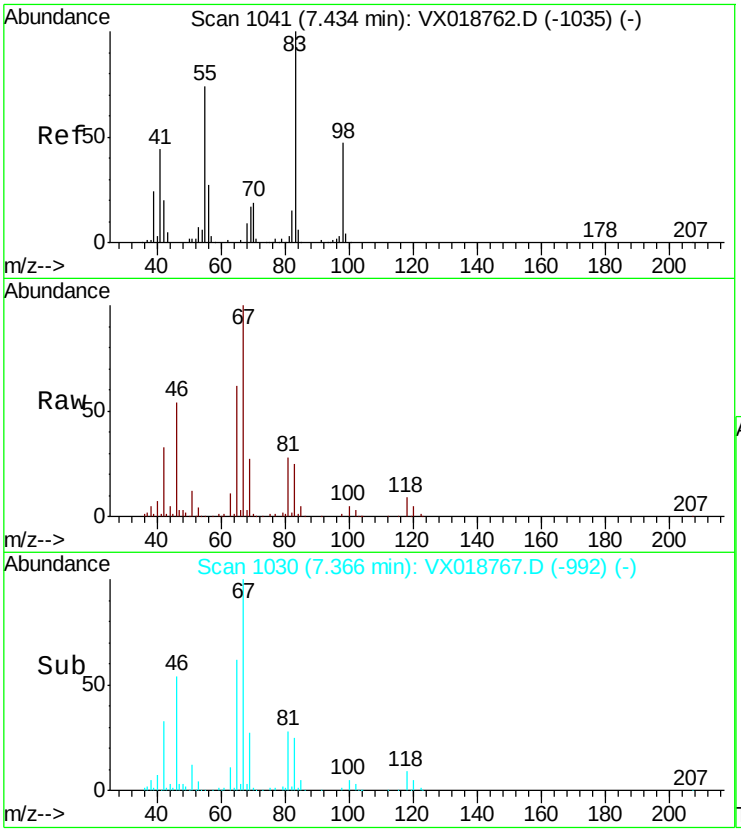


#34
Trichloroethene
Concen: 0.189 ug/L
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Tgt Ion: 95 Resp: 1661

Ion	Ratio	Lower	Upper
95	100		
97	93.9	45.3	84.1#
132	111.1	68.6	127.4
130	92.1	74.5	138.3



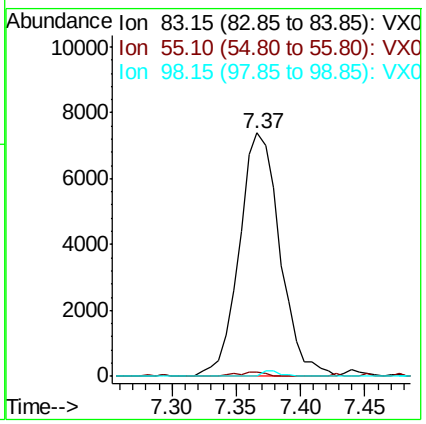


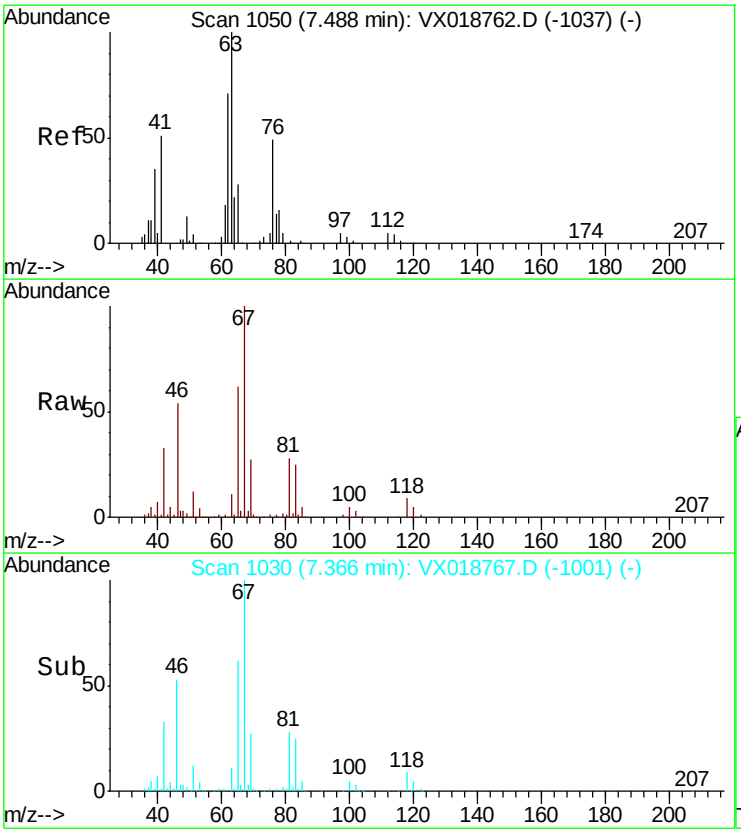
#35
Methylcyclohexane
Concen: 1.292 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL

Tgt Ion: 83 Resp: 16107

Ion	Ratio	Lower	Upper
83	100		
55	1.3	60.3	90.5#
98	1.0	39.4	59.0#

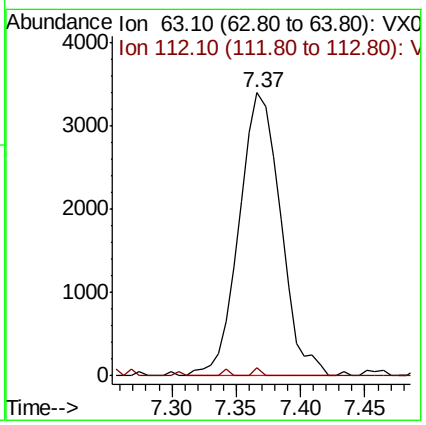


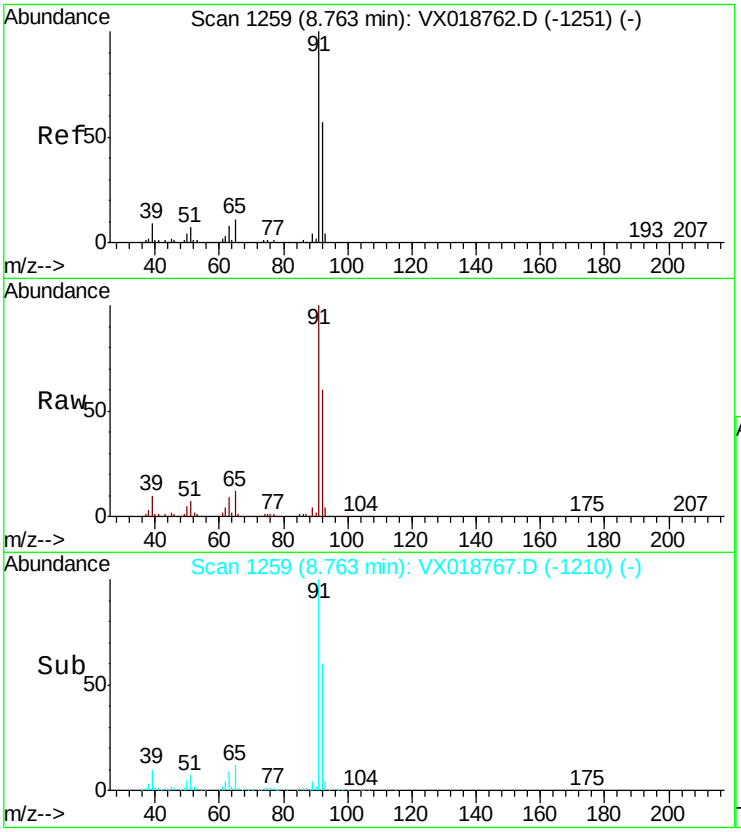


#37
1,2-Dichloropropane
Concen: 1.013 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Tgt Ion: 63 Resp: 7566

Ion	Ratio	Lower	Upper
63	100		
112	0.5	4.7	7.1#



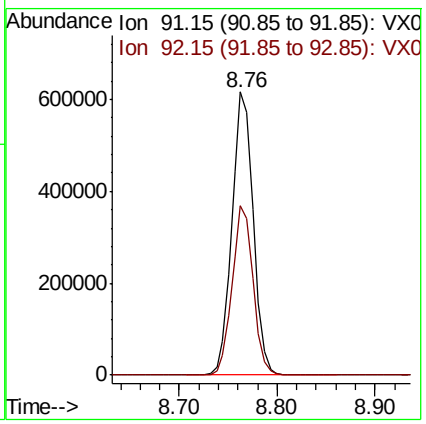


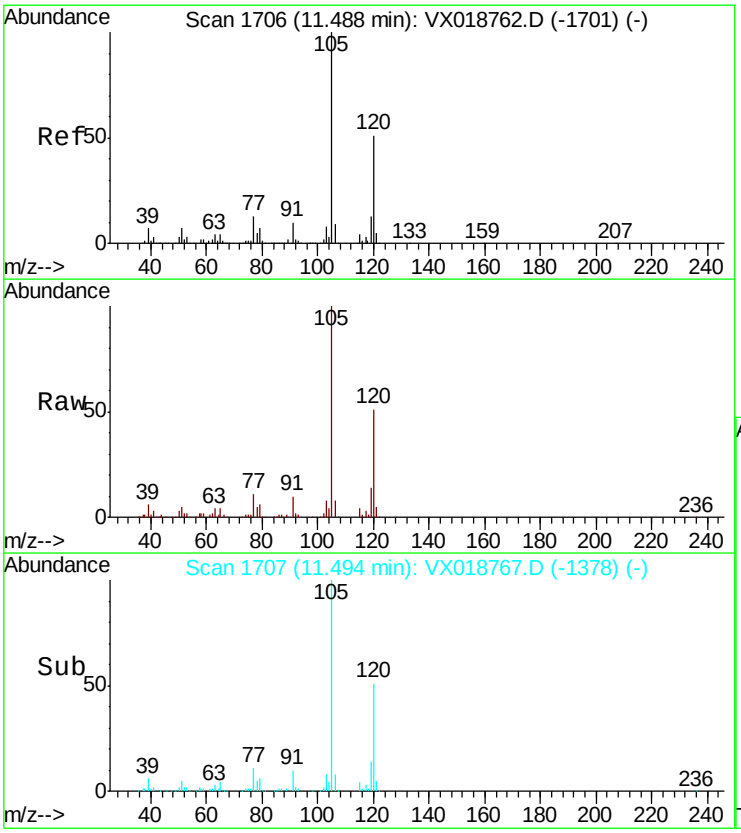
#42
Toluene
Concen: 28.568 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL

Tgt Ion: 91 Resp: 931761

Ion	Ratio	Lower	Upper
91	100		
92	59.9	40.3	74.9

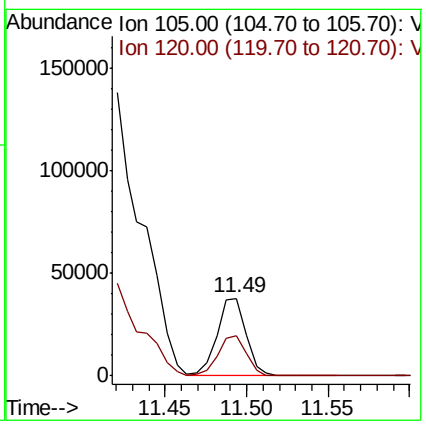


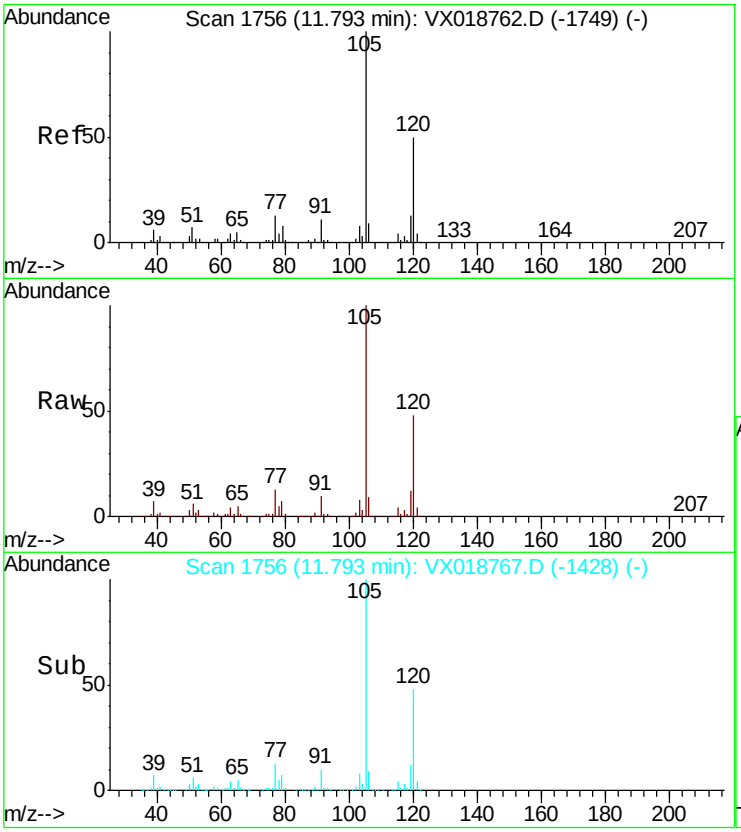


#43
1,3,5-Trimethylbenzene
Concen: 1.515 ug/L
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Tgt Ion:105 Resp: 46753

Ion	Ratio	Lower	Upper
105	100		
120	50.3	37.7	56.5



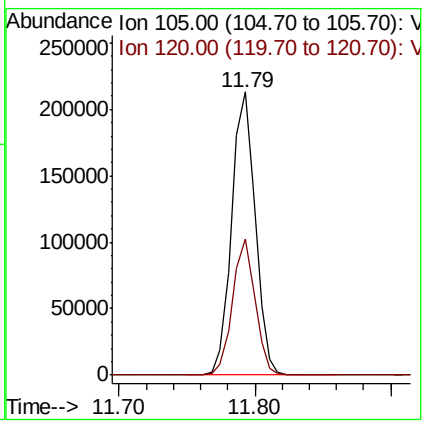


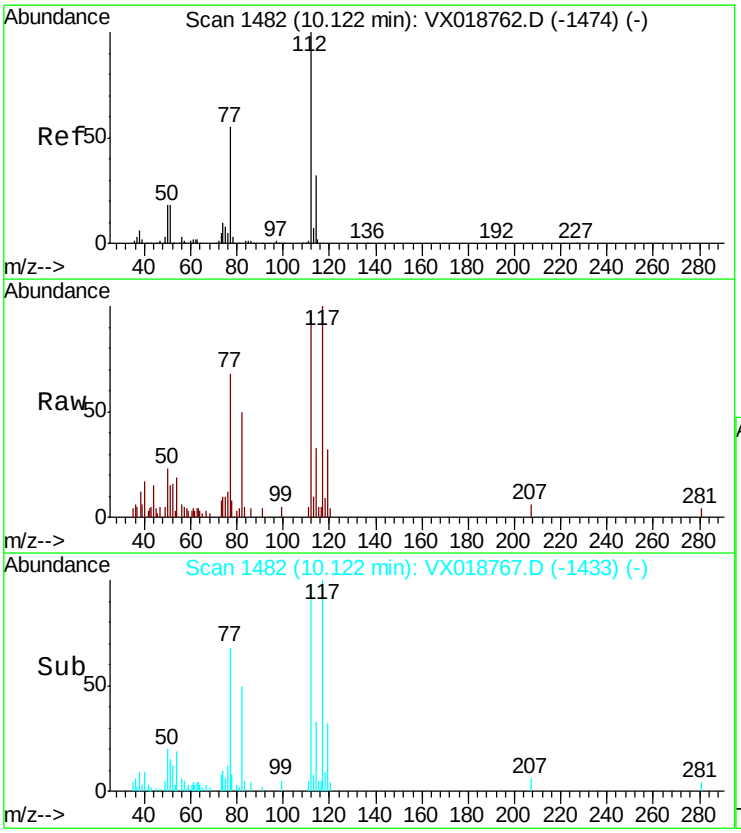
#44
1,2,4-Trimethylbenzene
Concen: 8.208 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL

Tgt Ion:105 Resp: 257177

Ion	Ratio	Lower	Upper
105	100		
120	46.1	35.1	52.7

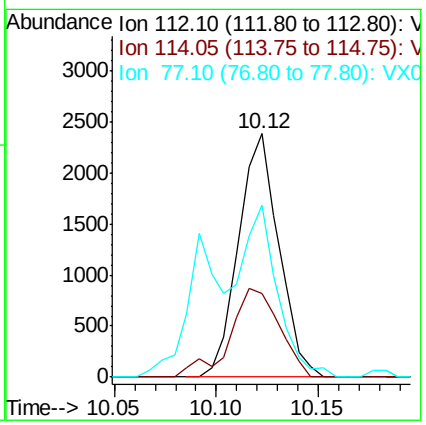


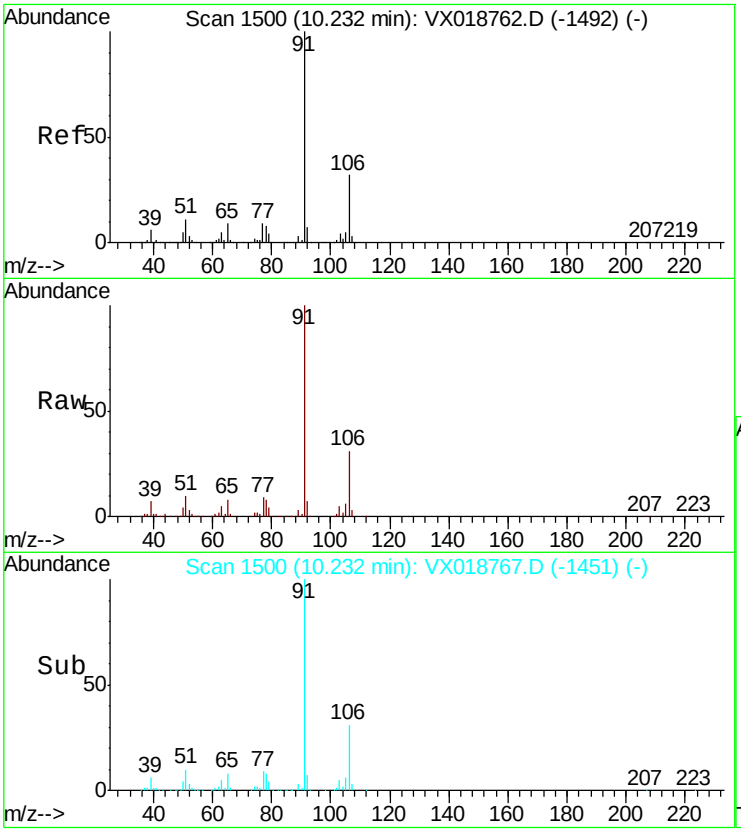


#53
Chlorobenzene
Concen: 0.147 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Tgt Ion:112 Resp: 3275

Ion	Ratio	Lower	Upper
112	100		
114	34.5	21.3	39.5
77	70.4	42.4	63.6#



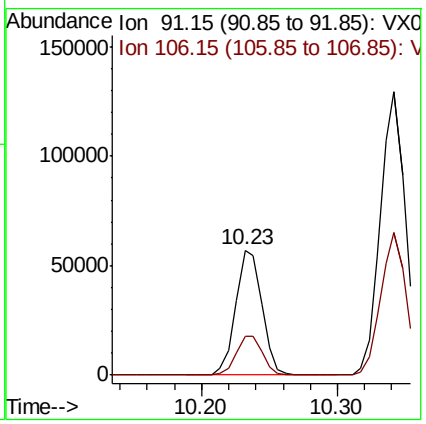


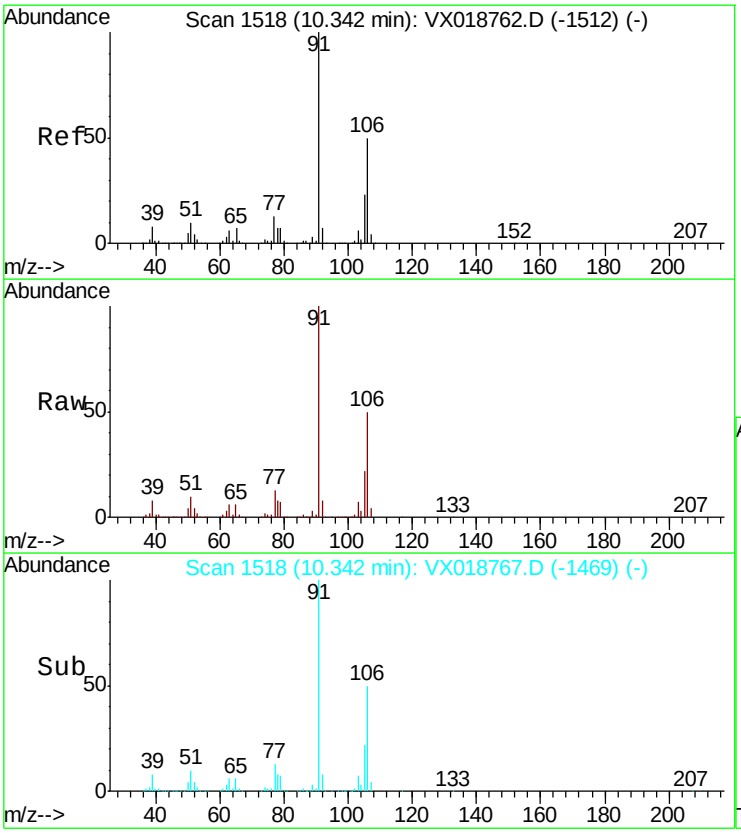
#54
Ethylbenzene
Concen: 2.096 ug/L
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Instrument : MSVOA_X
ClientSampleId : BG3M9DL

Tgt Ion: 91 Resp: 76628

Ion	Ratio	Lower	Upper
91	100		
106	31.1	21.5	39.9

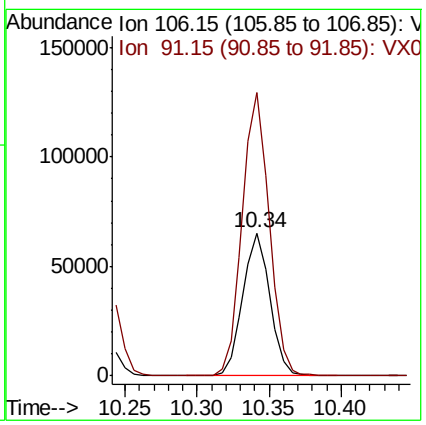


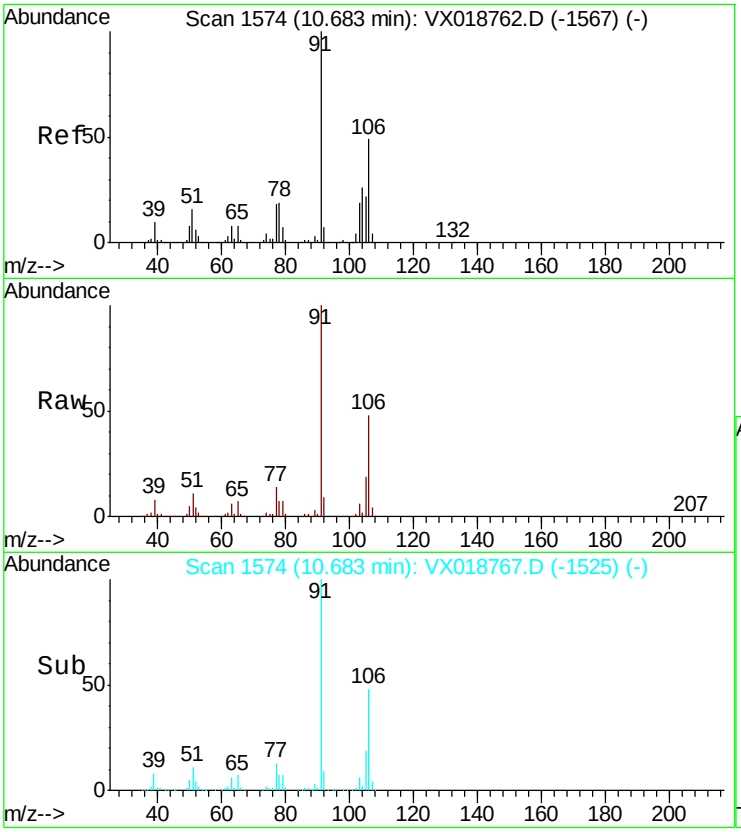


#55
m,p-xylene
Concen: 5.955 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Tgt Ion:106 Resp: 84928

Ion	Ratio	Lower	Upper
106	100		
91	198.1	143.4	266.2



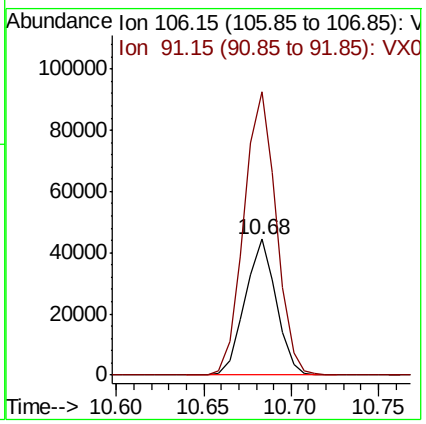


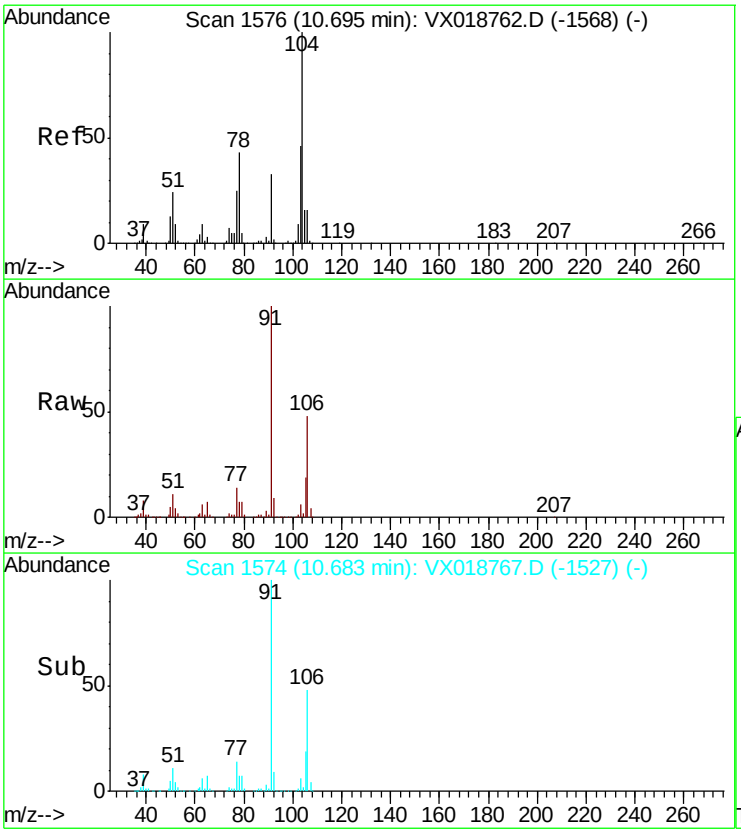
#56
o-xylene
Concen: 4.177 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL

Tgt Ion:106 Resp: 55053

Ion	Ratio	Lower	Upper
106	100		
91	208.5	153.4	284.8

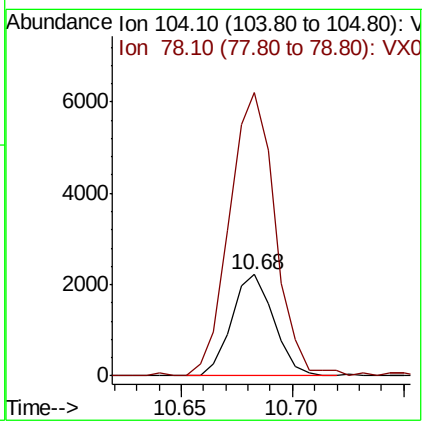


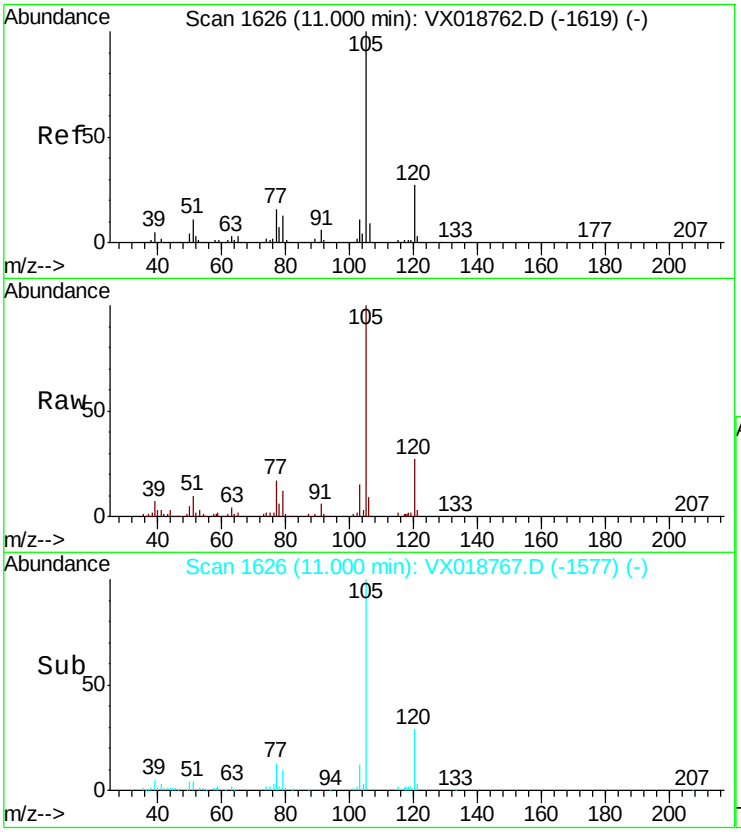


#57
Styrene
Concen: 0.130 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Tgt Ion:104 Resp: 2918

Ion	Ratio	Lower	Upper
104	100		
78	278.7	37.1	68.9#



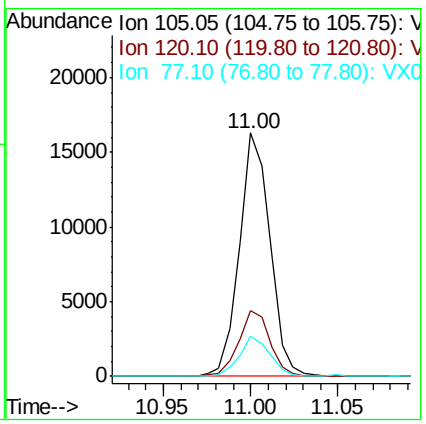


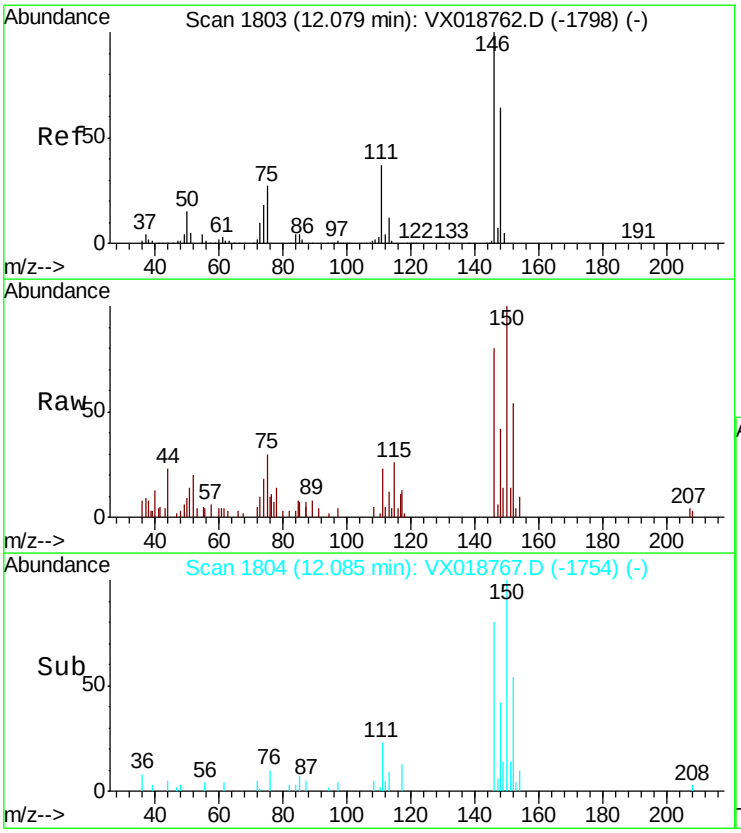
#58
Isopropylbenzene
Concen: 0.538 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL

Tgt Ion:105 Resp: 19846

Ion	Ratio	Lower	Upper
105	100		
120	27.8	20.2	30.2
77	16.2	13.3	19.9

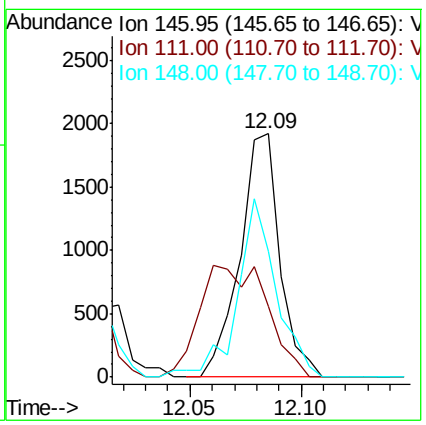


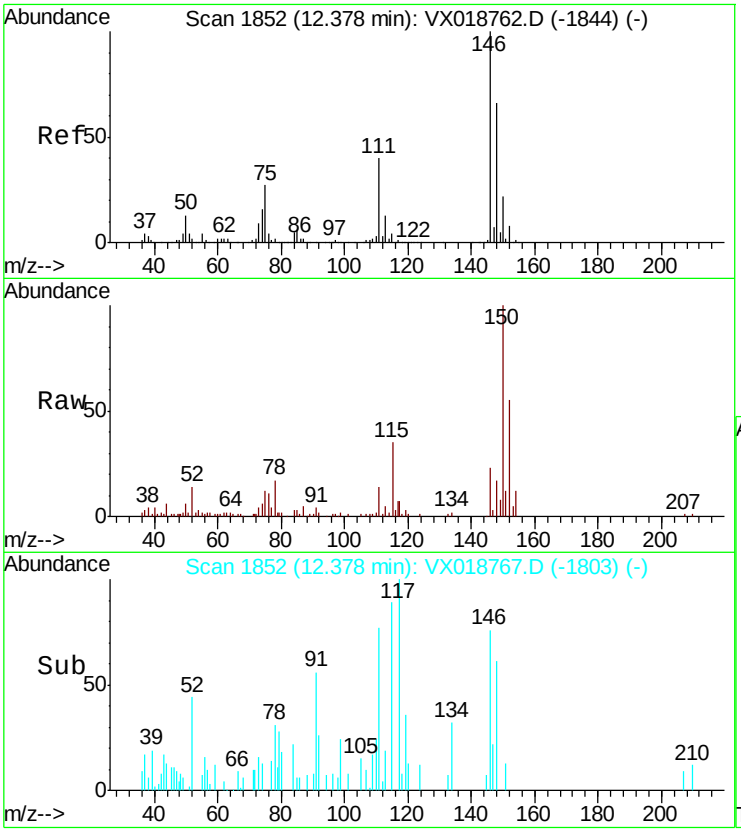


#64
1,4-Dichlorobenzene
Concen: 0.140 ug/L
RT: 12.09 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Tgt Ion:146 Resp: 2411

Ion	Ratio	Lower	Upper
146	100		
111	29.0	28.6	53.2
148	51.8	44.2	82.0



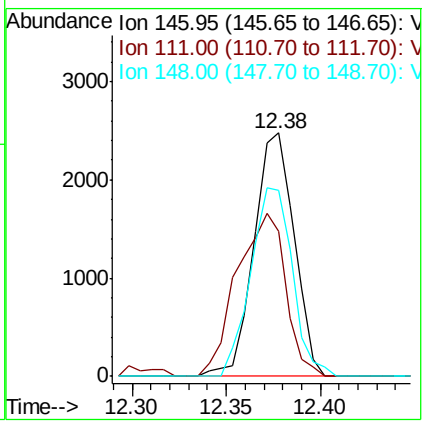


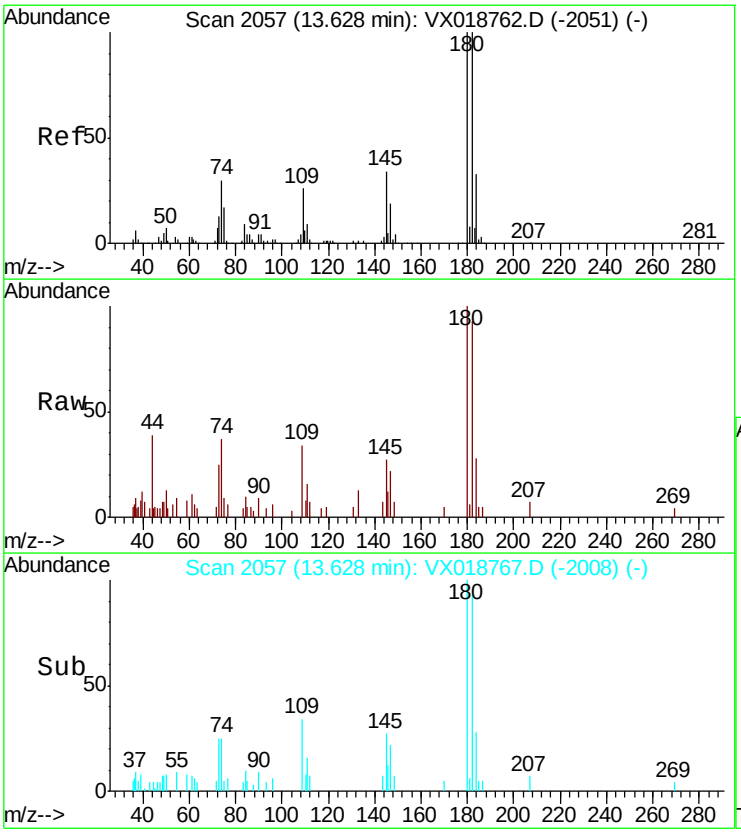
#66
1,2-Dichlorobenzene
Concen: 0.227 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Instrument : MSVOA_X
ClientSampleId : BG3M9DL

Tgt Ion:146 Resp: 3658

Ion	Ratio	Lower	Upper
146	100		
111	59.8	31.7	47.5#
148	76.2	49.0	73.6#

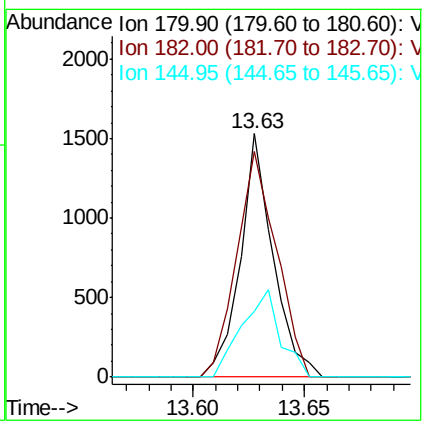


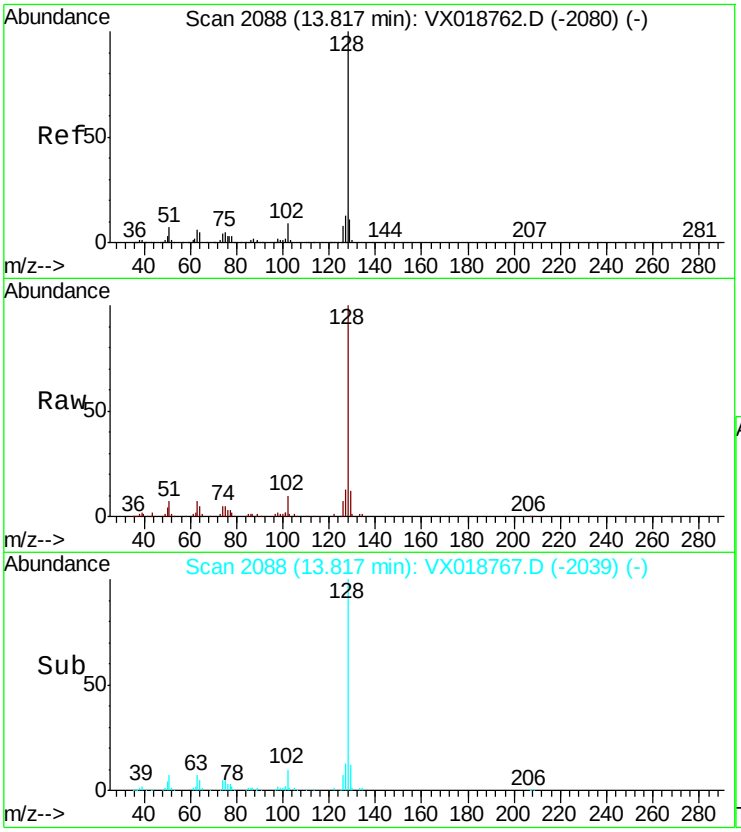


#69
1,2,4-trichlorobenzene
Concen: 0.143 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Tgt Ion:180 Resp: 1576

Ion	Ratio	Lower	Upper
180	100		
182	111.9	80.2	120.4
145	41.8	25.2	37.8#



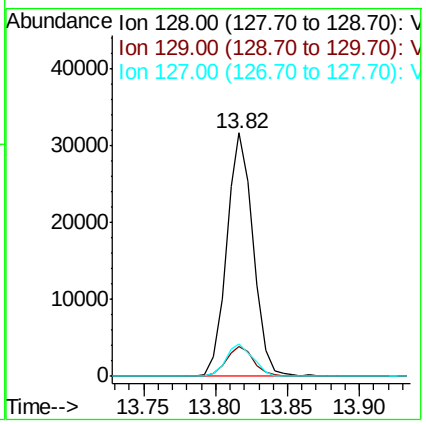


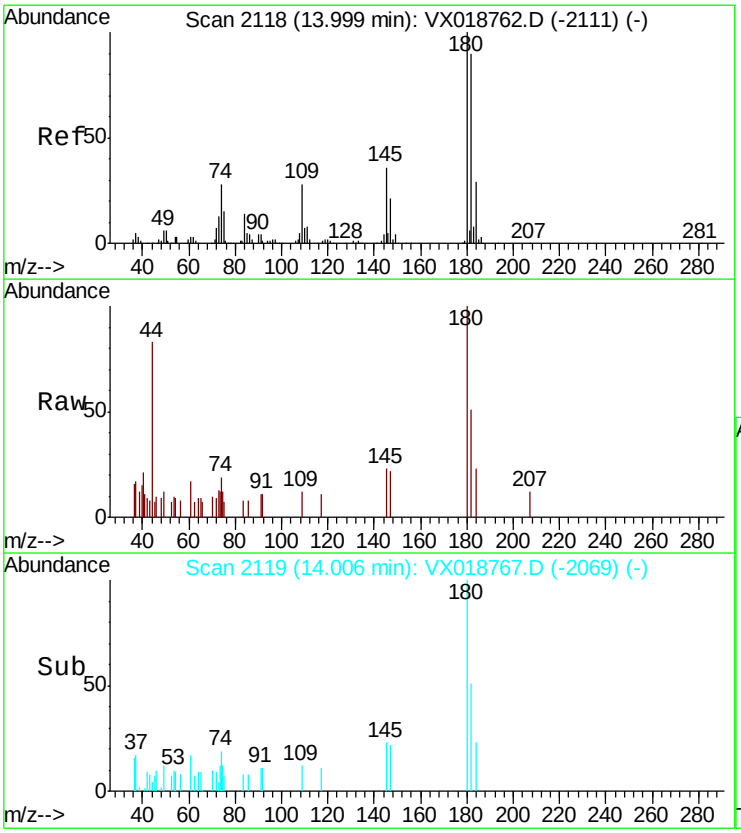
#70
Naphthalene
Concen: 2.270 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL

Tgt Ion:128 Resp: 40849

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.4
127	13.4	10.5	15.7





#71
1,2,3-Trichlorobenzene
Concen: 0.078 ug/L
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018767.D
Acq: 05 Oct 2020 15:47

Tgt Ion:180 Resp: 773

Ion	Ratio	Lower	Upper
180	100		
182	85.8	73.6	110.4
145	34.5	26.6	40.0