Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100920\
Data File : VX018890.D
Acq On : 10 Oct 2020 05:52
Operator : JC/SP
Sample : L4255-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-SW201-20200930

Quant Time: Oct 10 07:53:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	196501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	318279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	298159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	152919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	154117	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.36%			
35) Dibromofluoromethane	5.46	113	114548	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.00%			
50) Toluene-d8	8.70	98	388116	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.66%			
62) 4-Bromofluorobenzene	11.12	95	148725	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.23	85	18	1.626	ug/l #	43
3) Chloromethane	1.32	50	674	0.366	ug/l #	77
6) Chloroethane	1.71	64	480	0.348	ug/l #	44
8) Diethyl Ether	1.93	74	170	1.177	ug/l	93
10) Methyl Iodide	2.50	142	60	4.018	ug/l #	12
11) Tert butyl alcohol	3.01	59	335	0.734	ug/l #	73
12) 1,1-Dichloroethene	2.36	96	237	0.834	ug/l	94
13) Acrolein	2.28	56	233	0.614	ug/l #	1
14) Allyl chloride	2.67	41	988	0.300	ug/l #	23
16) Acetone	2.42	43	3805	Below Cal		98
20) Methylene Chloride	2.83	84	77	0.541	ug/l #	59
24) 1,1-Dichloroethane	3.67	63	5150	1.301	ug/l	94
25) 2-Butanone	4.64	43	627	0.399	ug/l #	50
28) Bromochloromethane	4.96	49	170	1.616	ug/l #	8
31) Cyclohexane	5.63	56	5221	1.929	ug/l #	23
36) 1,1-Dichloropropene	5.63	75	16357	4.888	ug/l #	52
38) Carbon Tetrachloride	5.63	117	20902	5.039	ug/l #	19
49) 1,4-Dioxane	7.72	88	23	0.602	ug/l #	21
56) Ethyl methacrylate	9.13	69	91	2.958	ug/l #	29
64) Tetrachloroethene	9.32	164	49	Below Cal	#	53
76) 1,2,3-Trichloropropane	11.12	75	79079	24.000	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.12	75	79079	68.016	ug/l #	7
95) Naphthalene	13.82	128	50	3.081	ug/l #	40

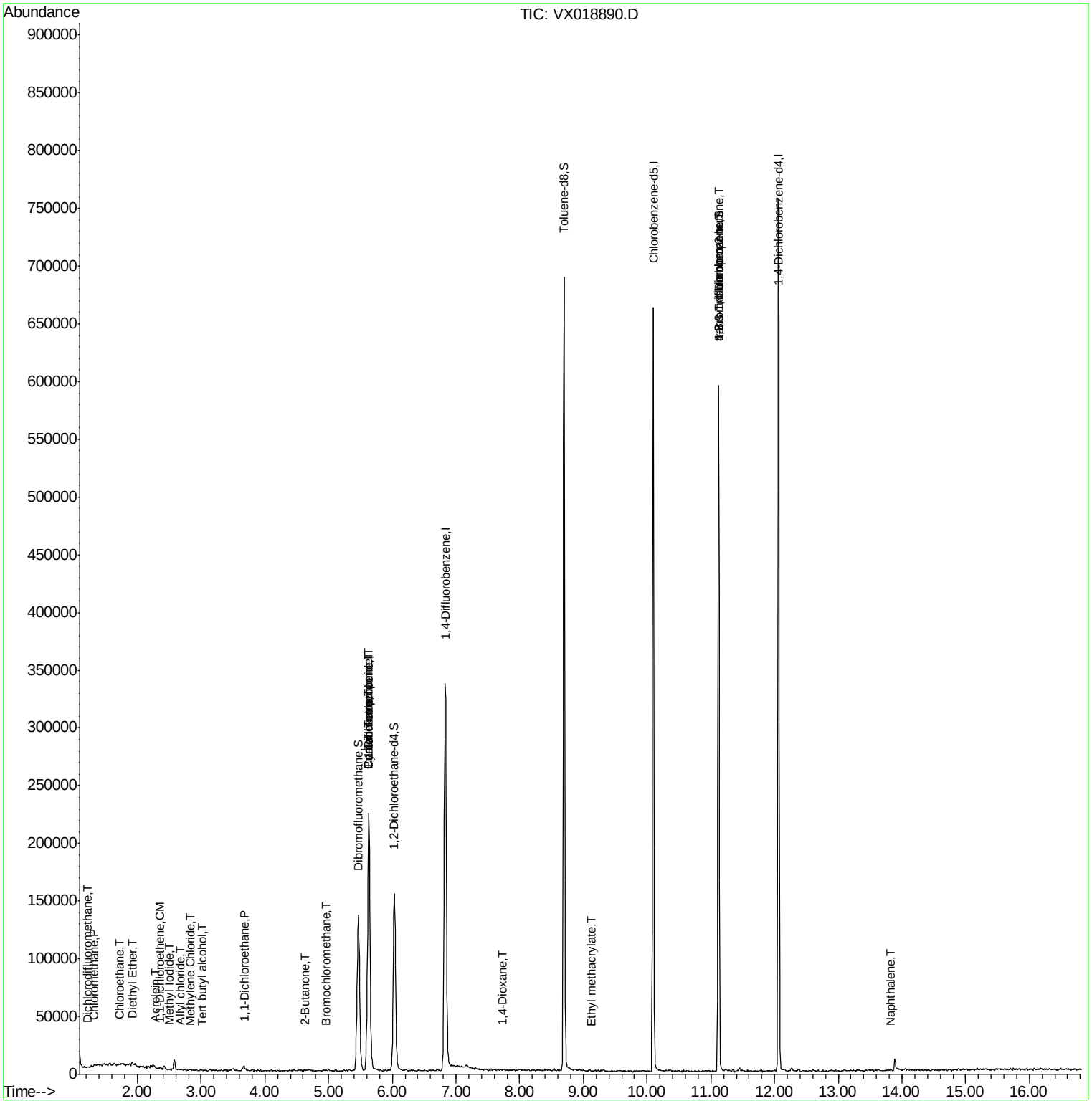
(#) = qualifier out of range (m) = manual integration (+) = signals summed

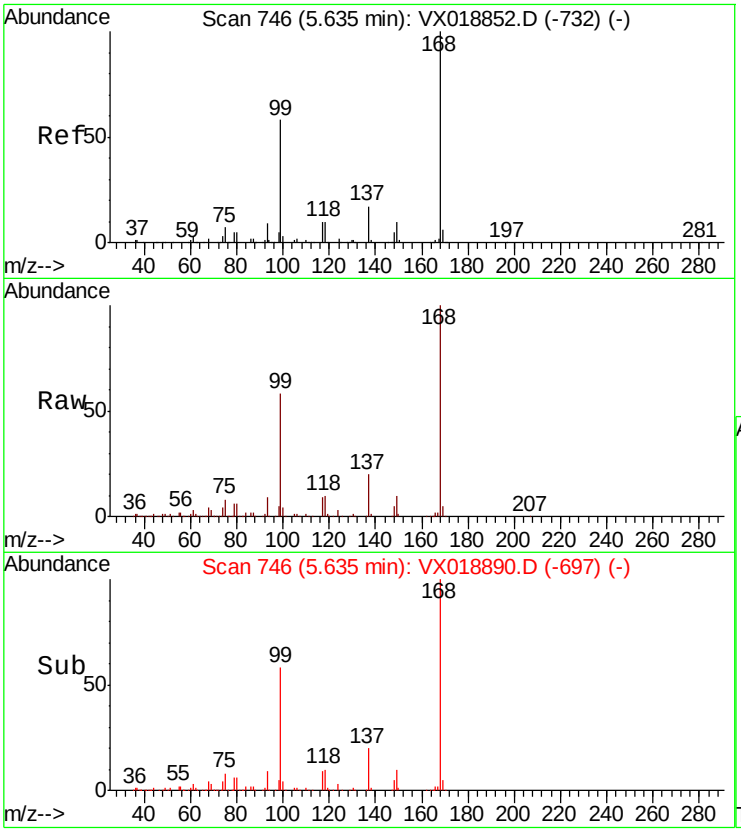
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100920\
Data File : VX018890.D
Acq On : 10 Oct 2020 05:52
Operator : JC/SP
Sample : L4255-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Quant Time: Oct 10 07:53:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration



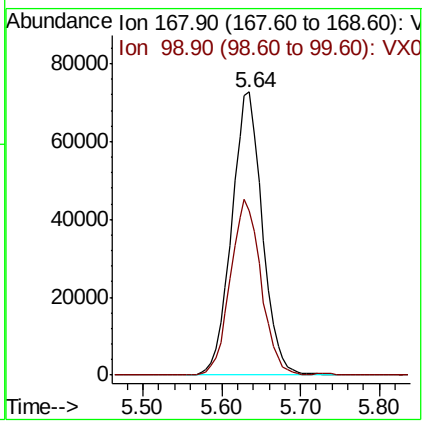


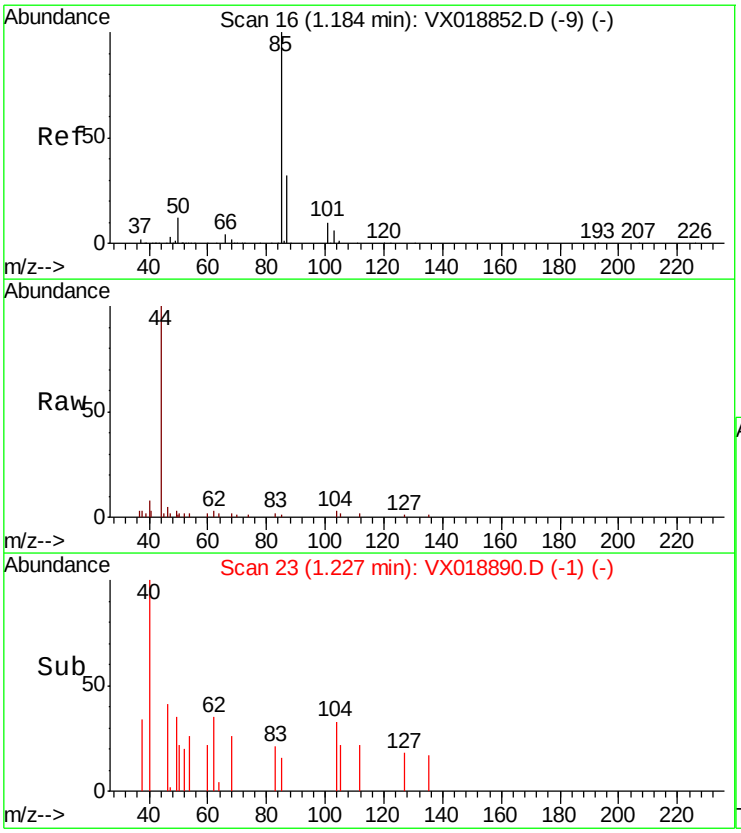
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.00 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion:168 Resp: 196501

Ion	Ratio	Lower	Upper
168	100		
99	57.9	46.1	69.1

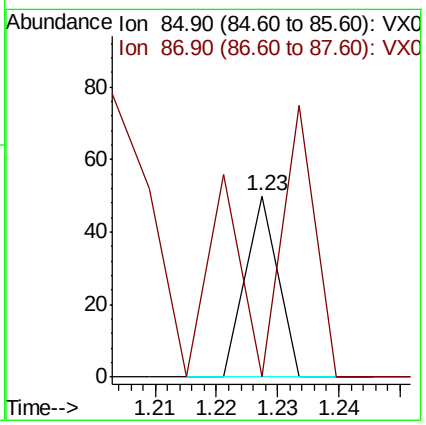


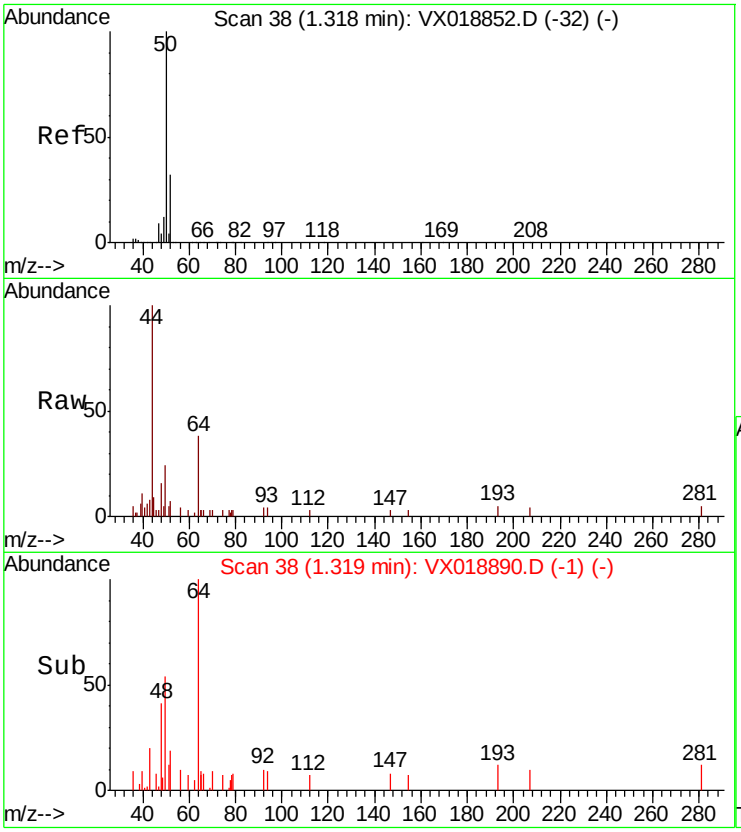


#2
Dichlorodifluoromethane
Concen: 1.626 ug/l
RT: 1.23 min Scan# 23
Delta R.T. 0.04 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion: 85 Resp: 18

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



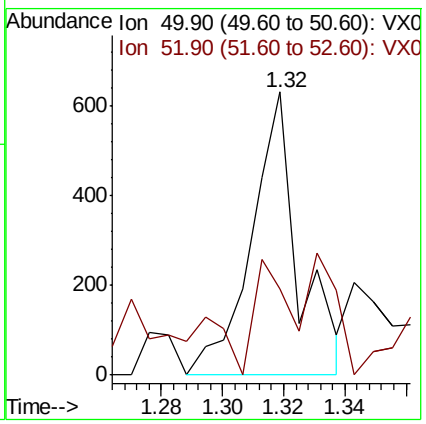


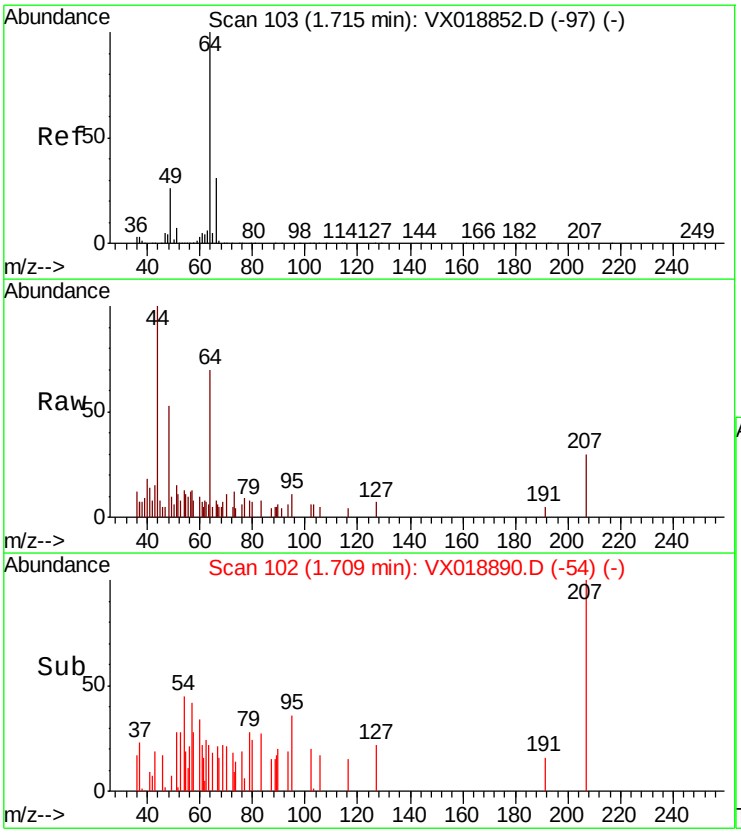
#3
Chloromethane
Concen: 0.366 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.00 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion: 50 Resp: 674

Ion	Ratio	Lower	Upper
50	100		
52	18.7	25.2	37.8#

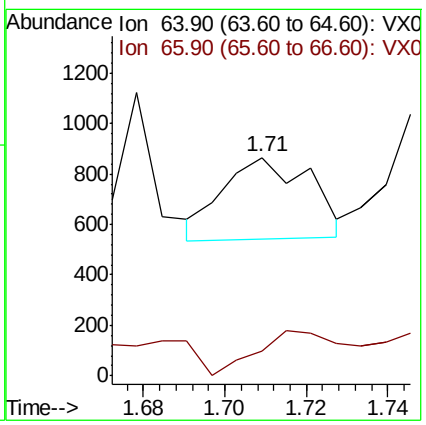


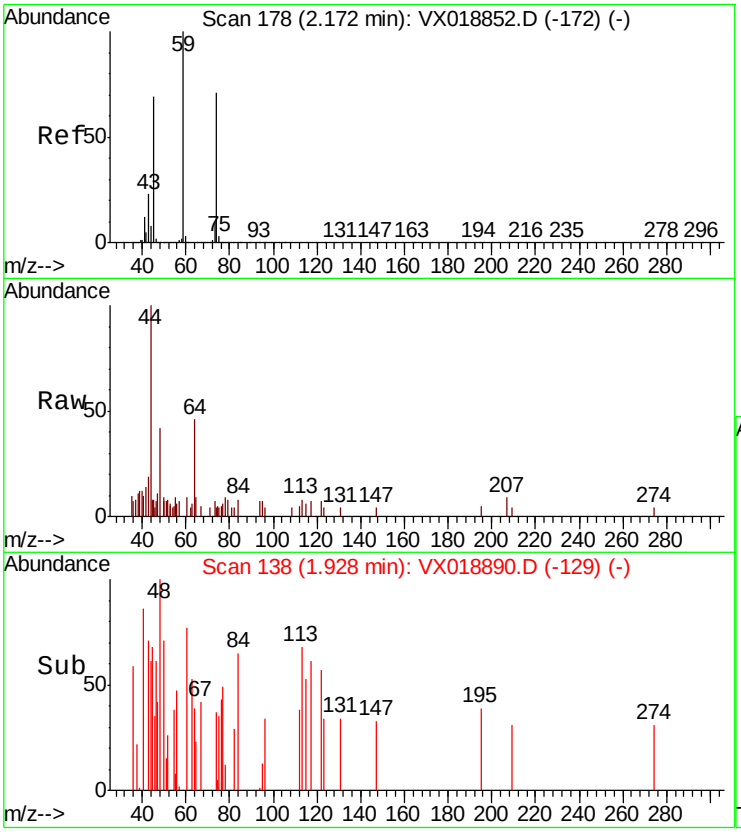


#6
Chloroethane
Concen: 0.348 ug/l
RT: 1.71 min Scan# 102
Delta R.T. -0.01 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion: 64 Resp: 480

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.7	37.1#



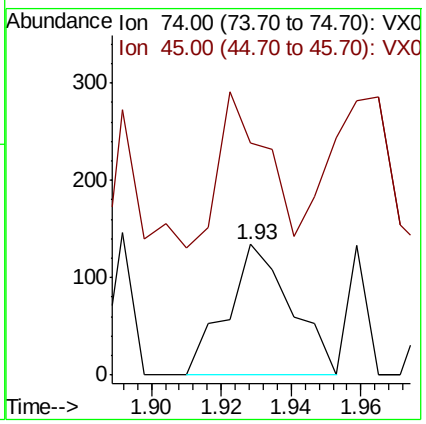


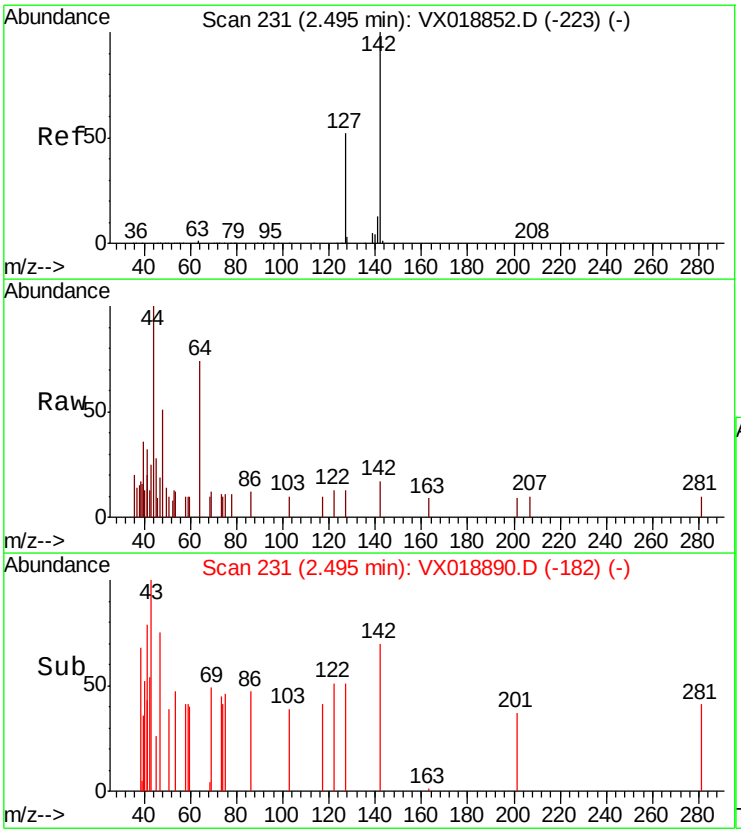
#8
Diethyl Ether
Concen: 1.177 ug/l
RT: 1.93 min Scan# 138
Delta R.T. -0.24 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion: 74 Resp: 170

Ion	Ratio	Lower	Upper
74	100		
45	87.1	47.0	141.2

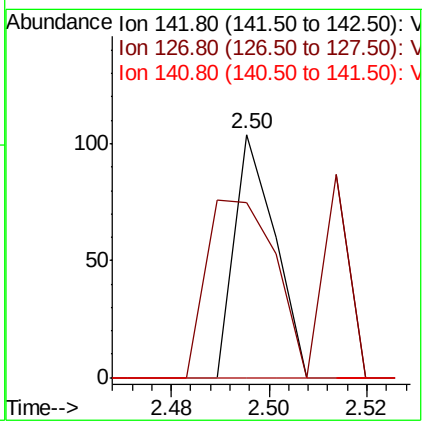


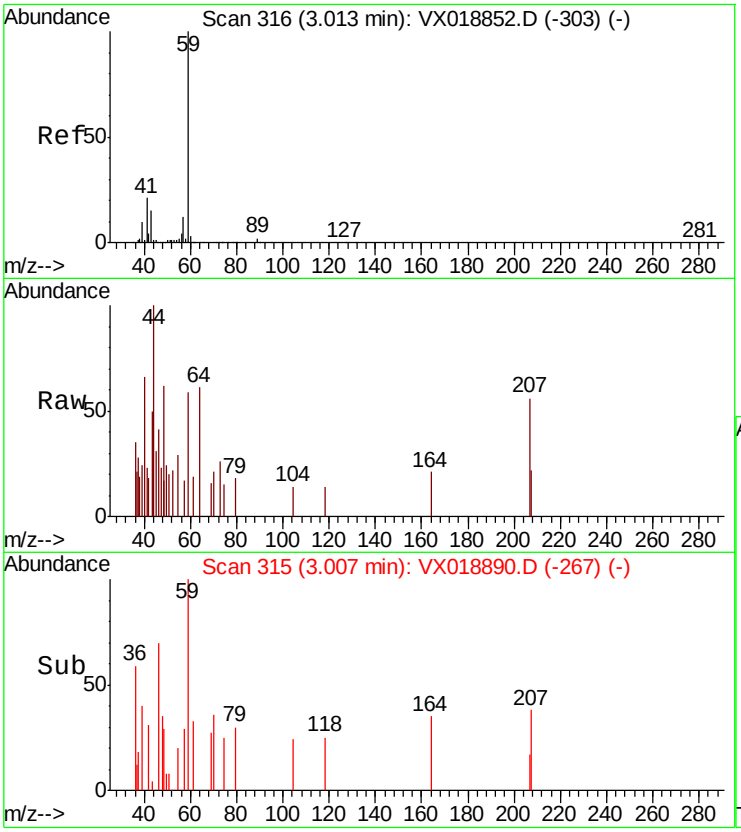


#10
Methyl Iodide
Concen: 4.018 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion:142 Resp: 60

Ion	Ratio	Lower	Upper
142	100		
127	125.0	42.0	63.0#
141	0.0	11.8	17.6#



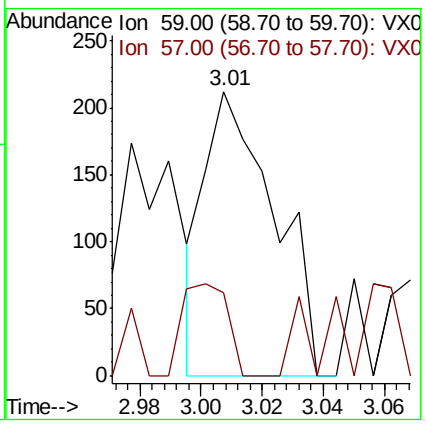


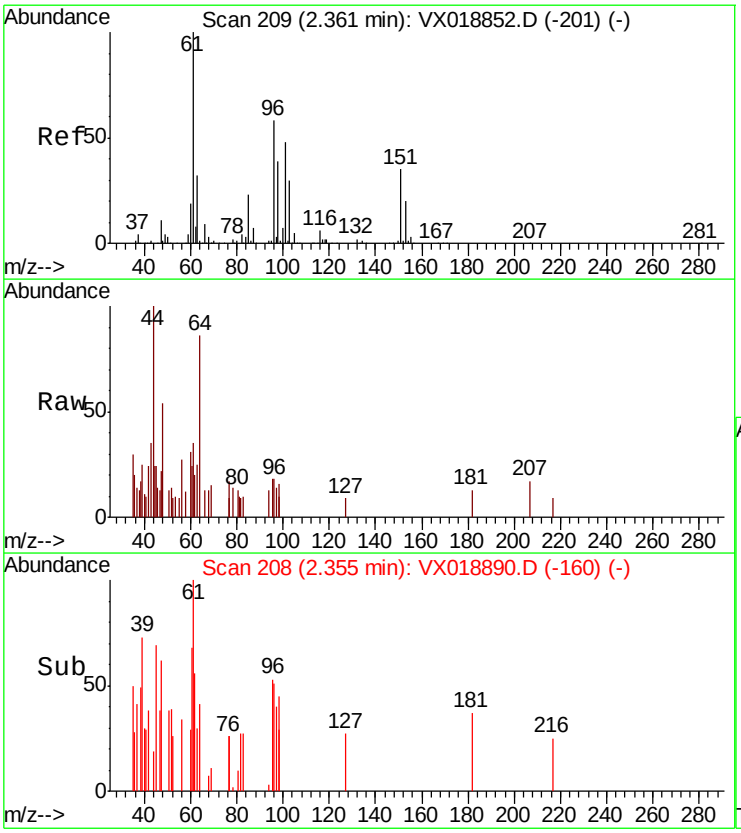
#11
Tert butyl alcohol
Concen: 0.734 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion: 59 Resp: 335

Ion	Ratio	Lower	Upper
59	100		
57	21.5	9.0	13.6#

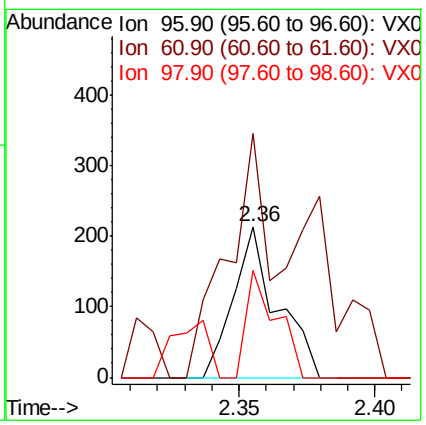


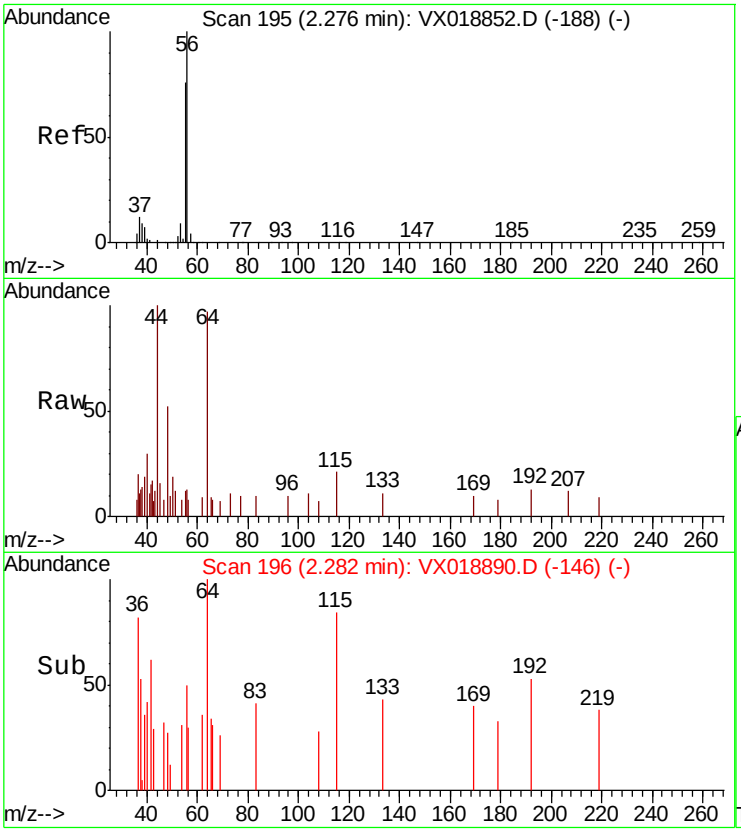


#12
1,1-Dichloroethene
Concen: 0.834 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion: 96 Resp: 237

Ion	Ratio	Lower	Upper
96	100		
61	162.0	137.0	205.6
98	70.9	53.9	80.9



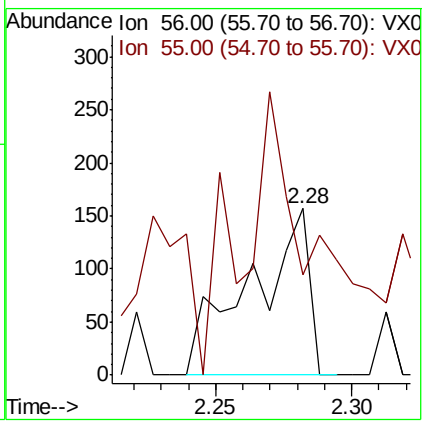


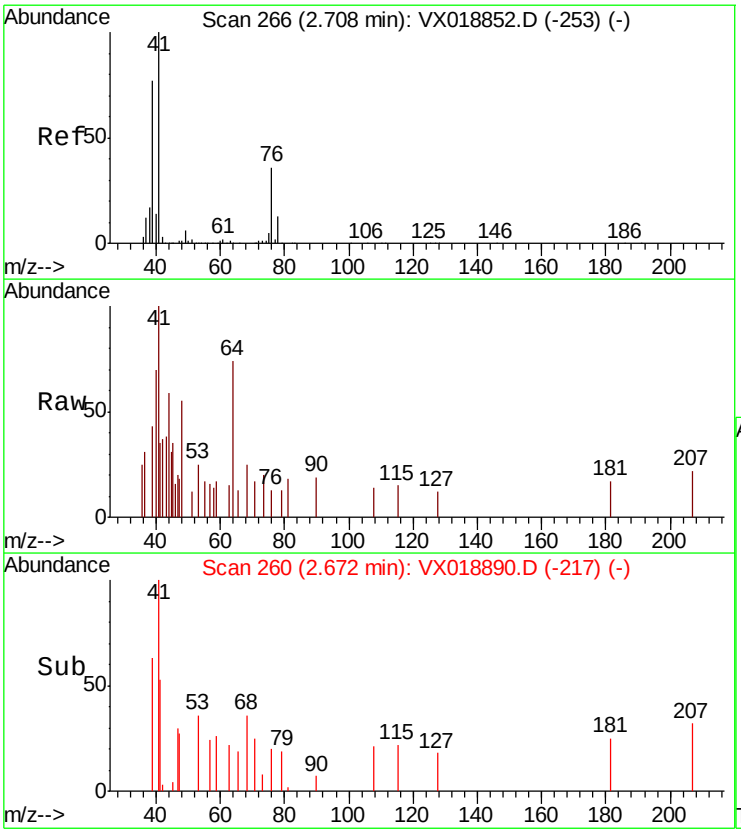
#13
Acrolein
Concen: 0.614 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion: 56 Resp: 233

Ion	Ratio	Lower	Upper
56	100		
55	217.2	58.6	87.8#

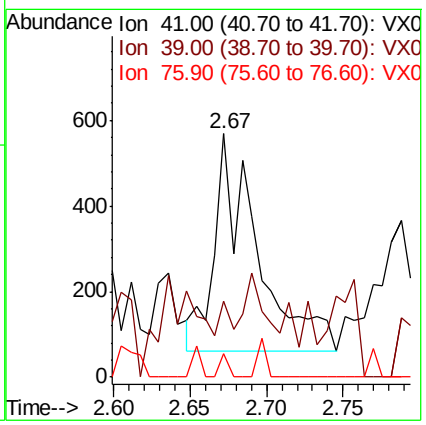


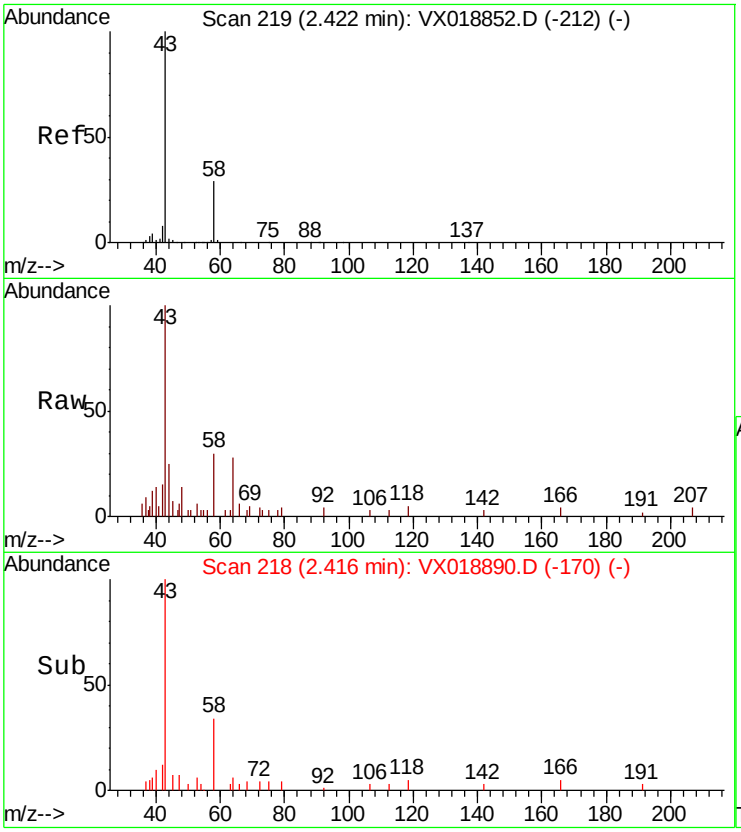


#14
Allyl chloride
Concen: 0.300 ug/l
RT: 2.67 min Scan# 260
Delta R.T. -0.04 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion: 41 Resp: 988

Ion	Ratio	Lower	Upper
41	100		
39	0.0	57.8	86.8#
76	2.0	26.8	40.2#



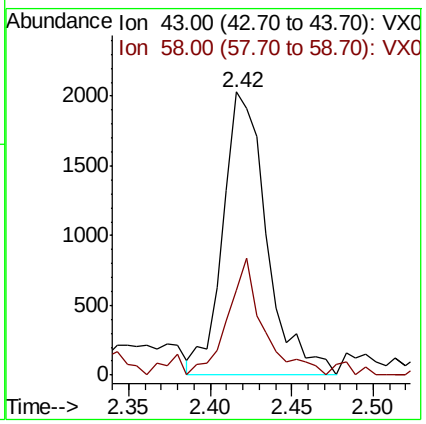


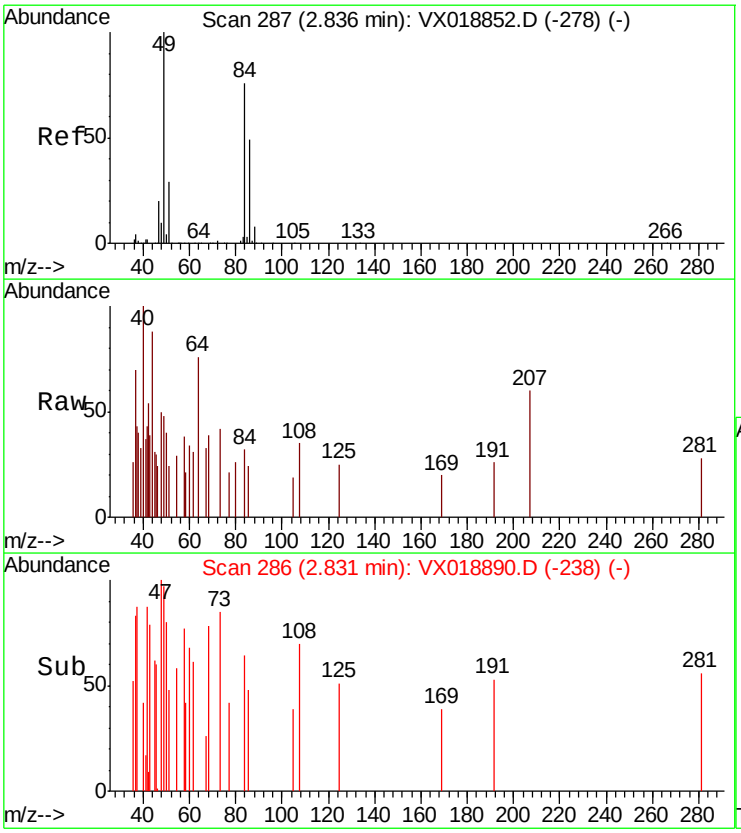
#16
Acetone
Concen: Below Cal
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion: 43 Resp: 3805

Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.0	34.4

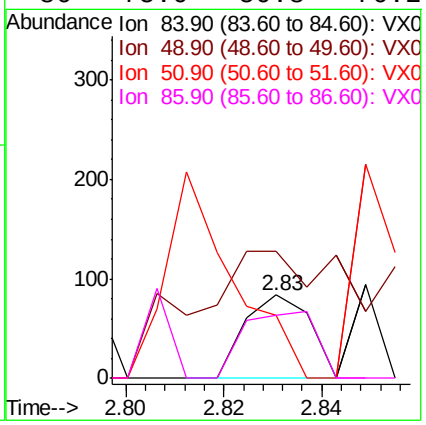


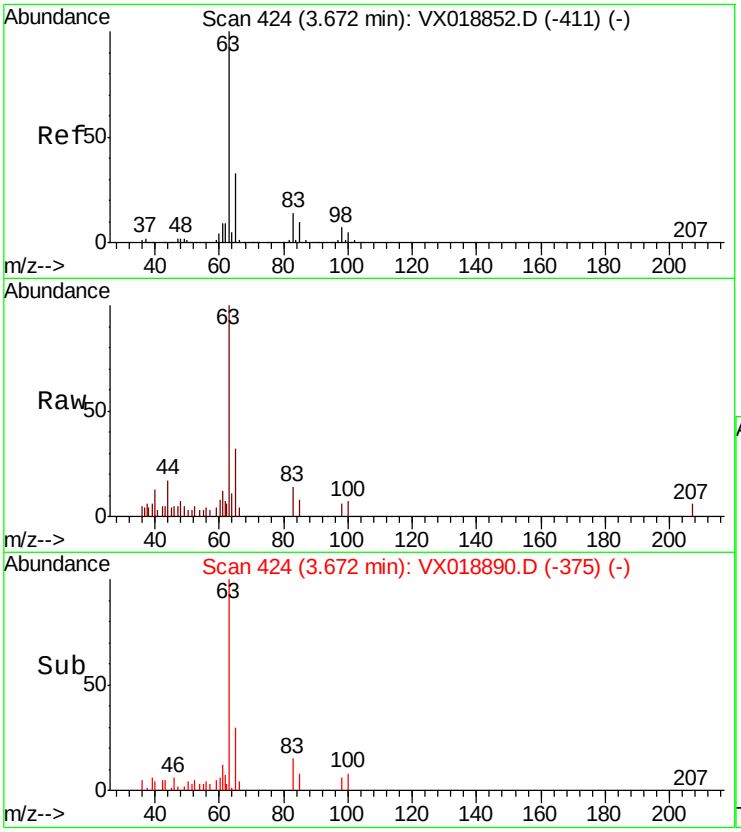


#20
Methylene Chloride
Concen: 0.541 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion: 84 Resp: 77

Ion	Ratio	Lower	Upper
84	100		
49	76.2	104.8	157.2#
51	76.2	30.6	46.0#
86	75.0	50.8	76.2



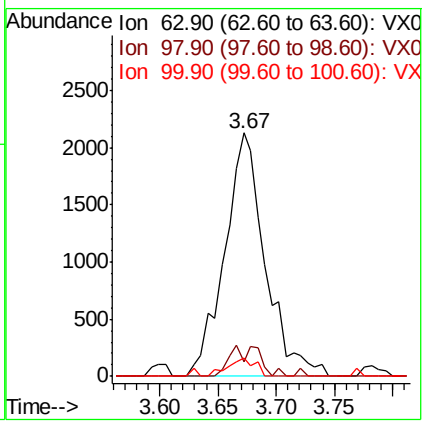


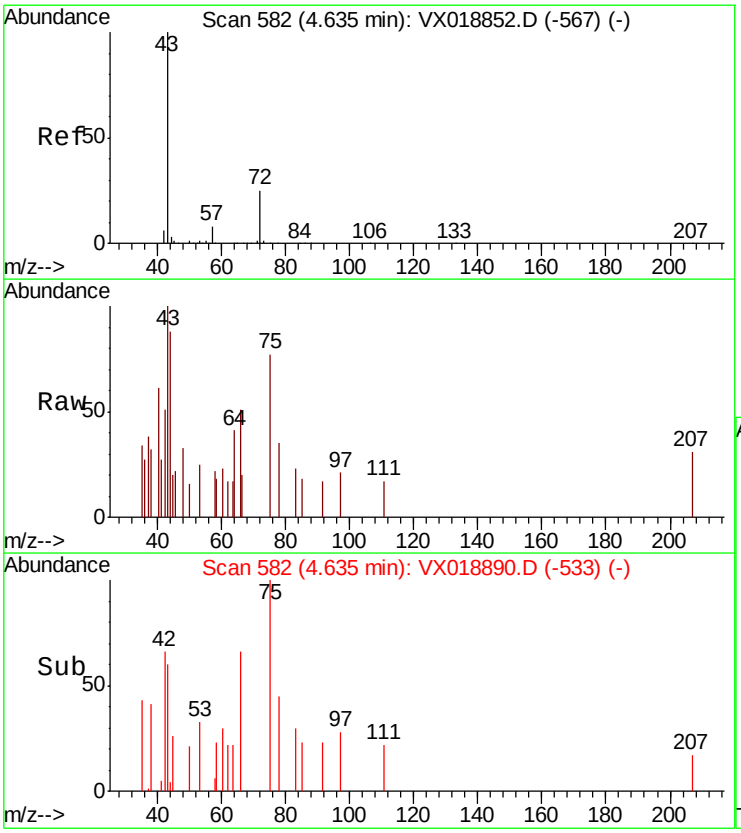
#24
1,1-Dichloroethane
Concen: 1.301 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion: 63 Resp: 5150

Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.8	11.2
100	7.4	2.5	7.6

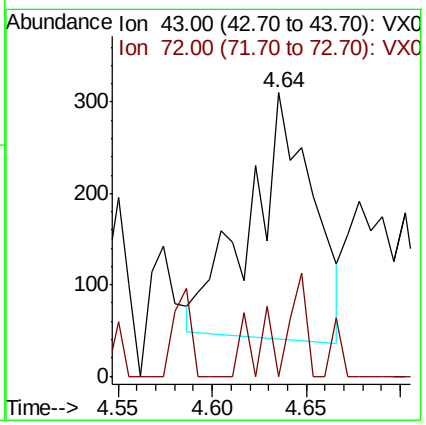


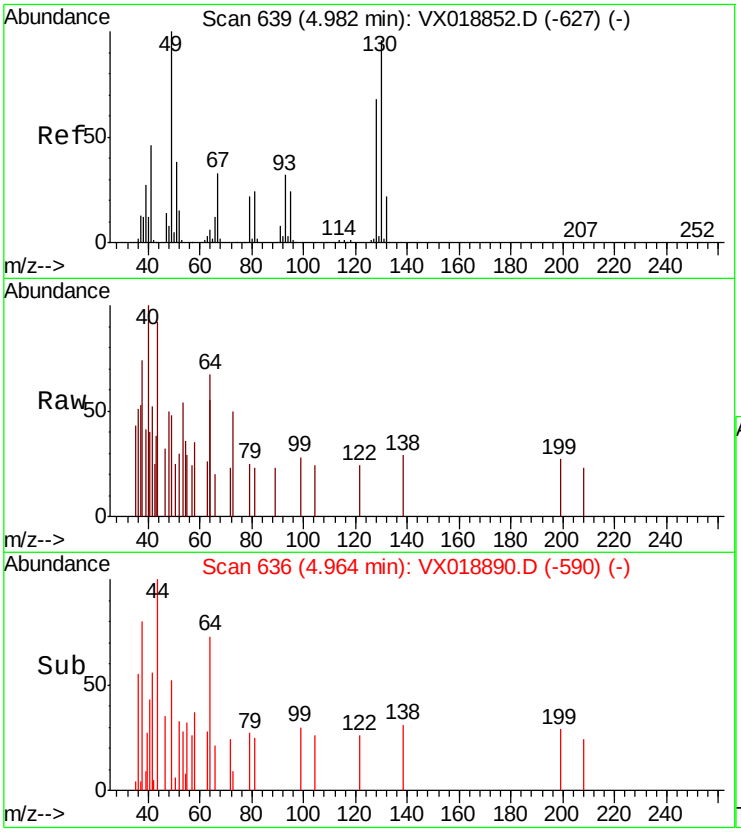


#25
2-Butanone
Concen: 0.399 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion: 43 Resp: 627

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.4#



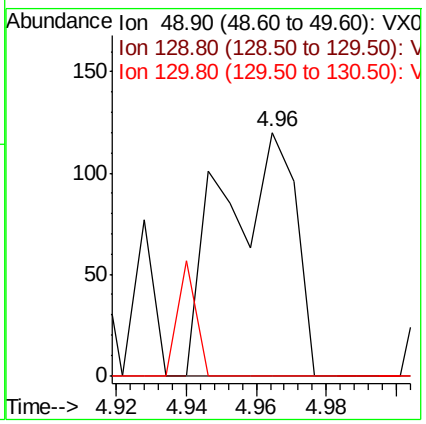


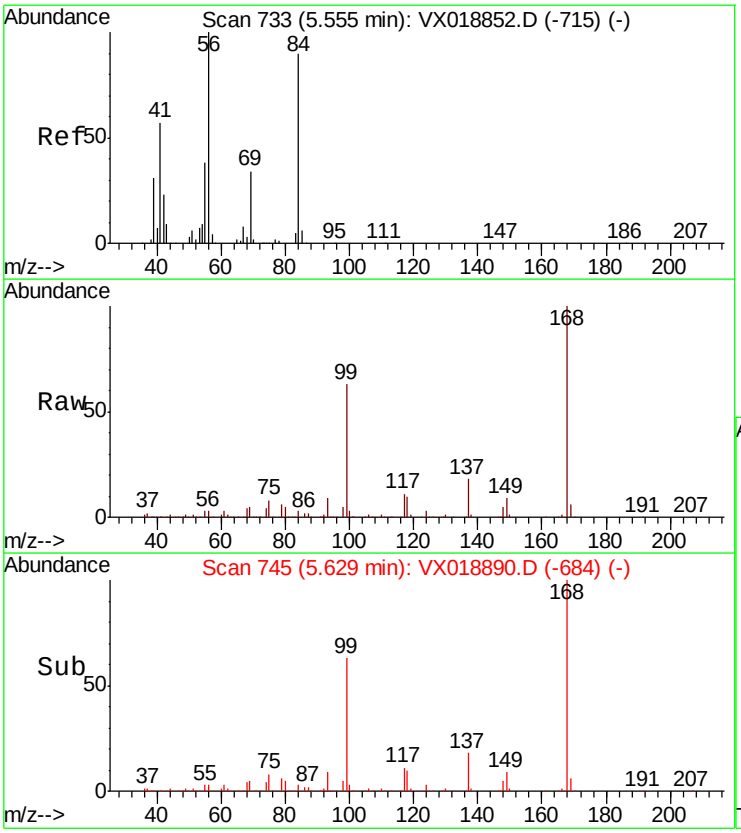
#28
Bromochloromethane
Concen: 1.616 ug/l
RT: 4.96 min Scan# 636
Delta R.T. -0.02 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion: 49 Resp: 170

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	0.0	71.2	106.8#

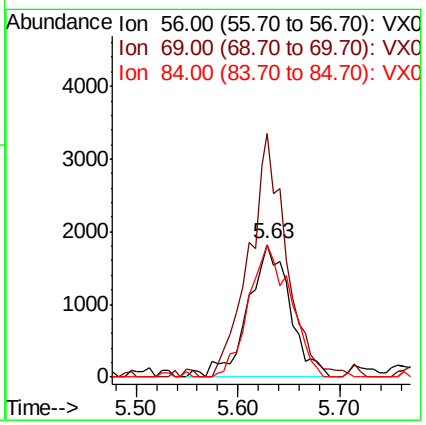


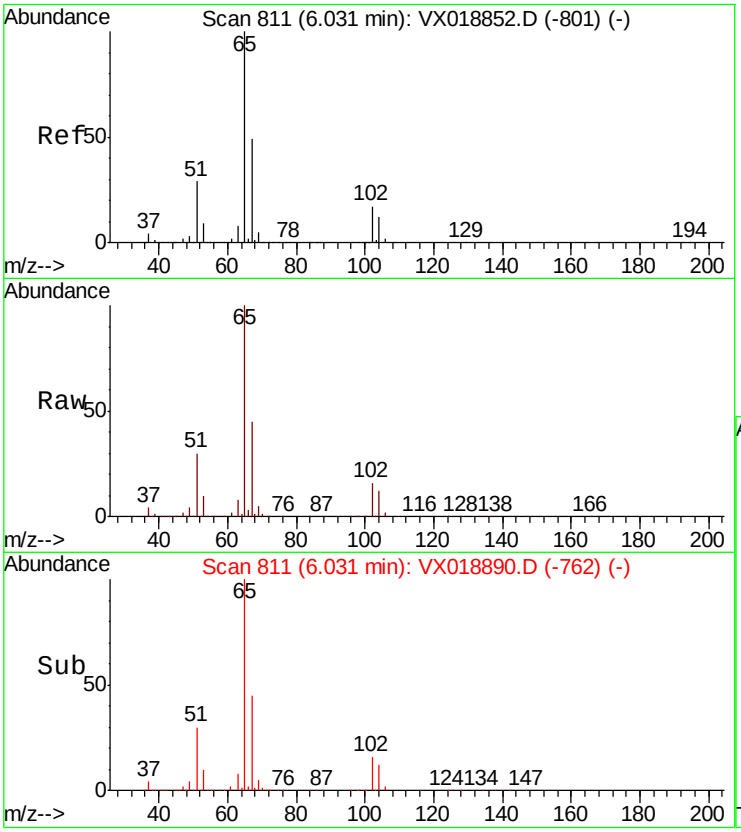


#31
Cyclohexane
Concen: 1.929 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.07 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion: 56 Resp: 5221

Ion	Ratio	Lower	Upper
56	100		
69	178.3	27.1	40.7#
84	100.2	71.7	107.5



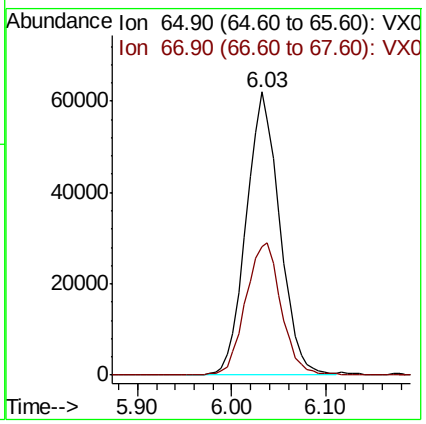


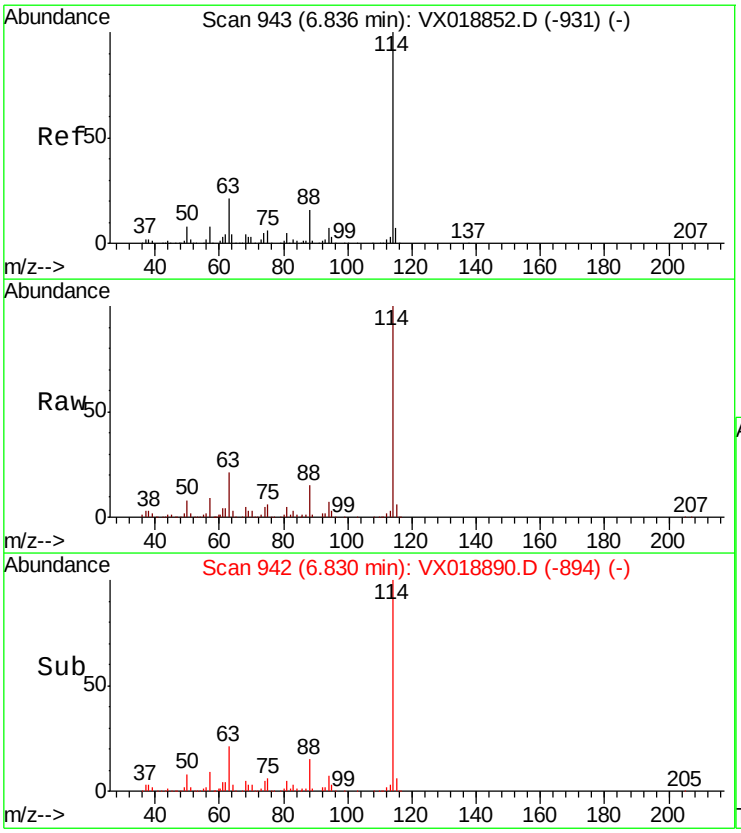
#33
1,2-Dichloroethane-d4
Concen: 53.177 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion: 65 Resp: 154117

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	97.0

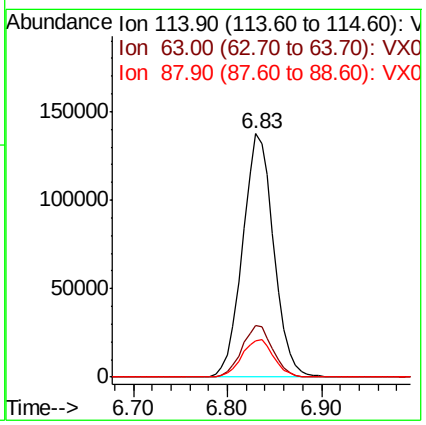


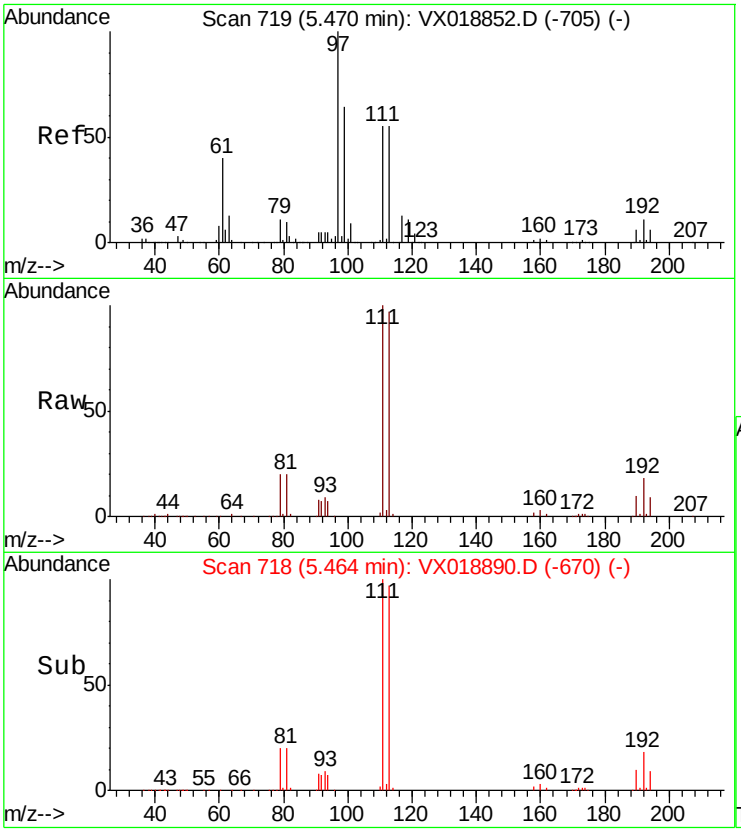


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion:114 Resp: 318279

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.4
88	14.7	0.0	32.6



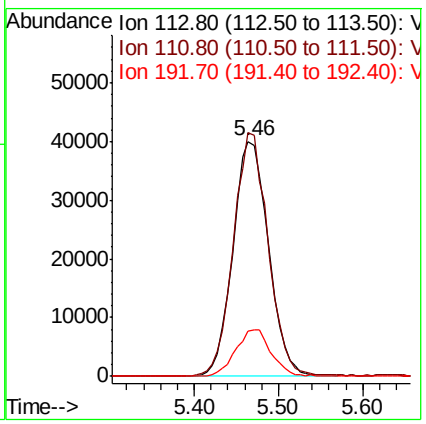


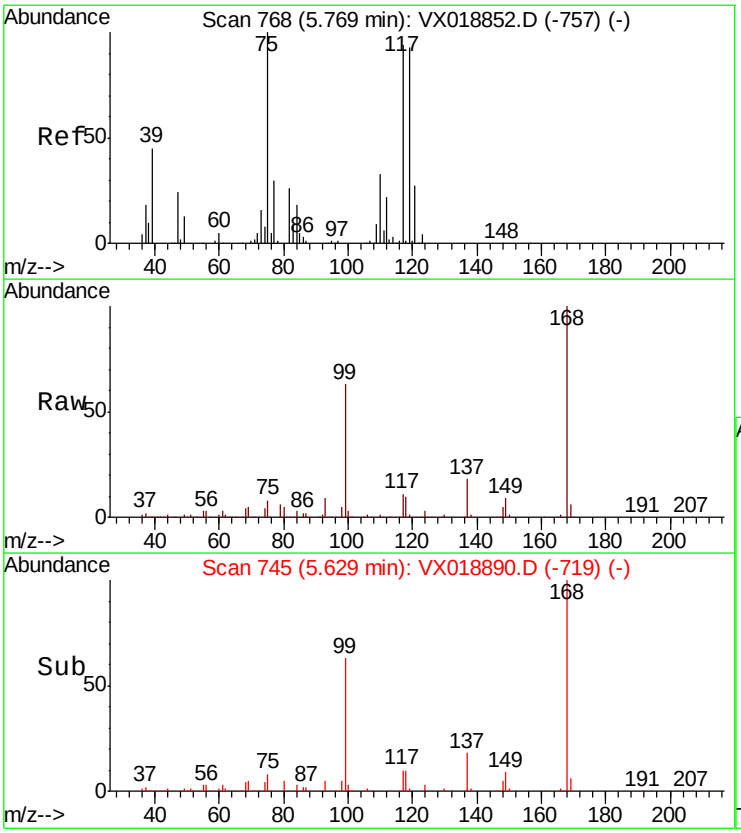
#35
Dibromofluoromethane
Concen: 50.500 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion:113 Resp: 114548

Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.1	120.1
192	19.7	16.0	24.0

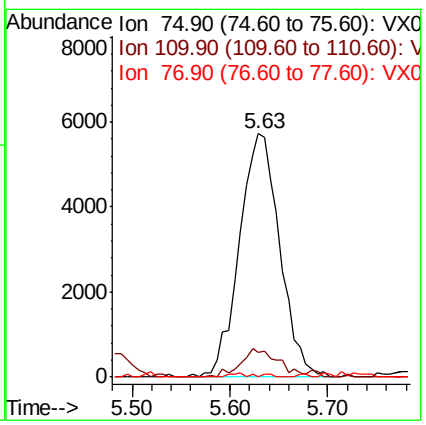


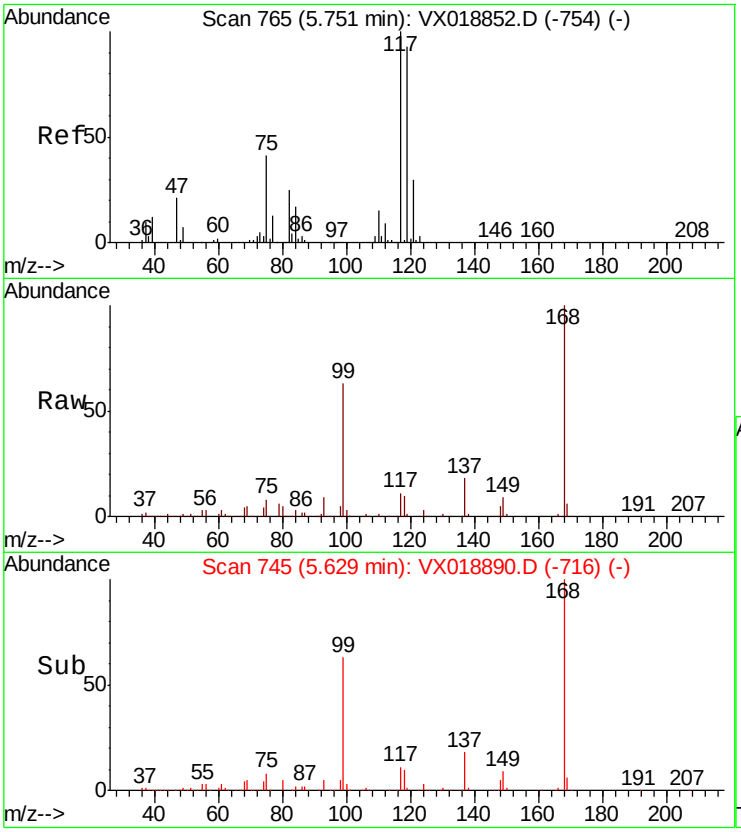


#36
1,1-Dichloropropene
Concen: 4.888 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion: 75 Resp: 16357

Ion	Ratio	Lower	Upper
75	100		
110	10.8	17.8	53.5#
77	0.3	24.2	36.4#



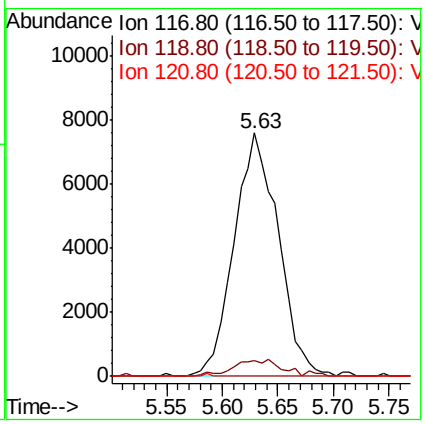


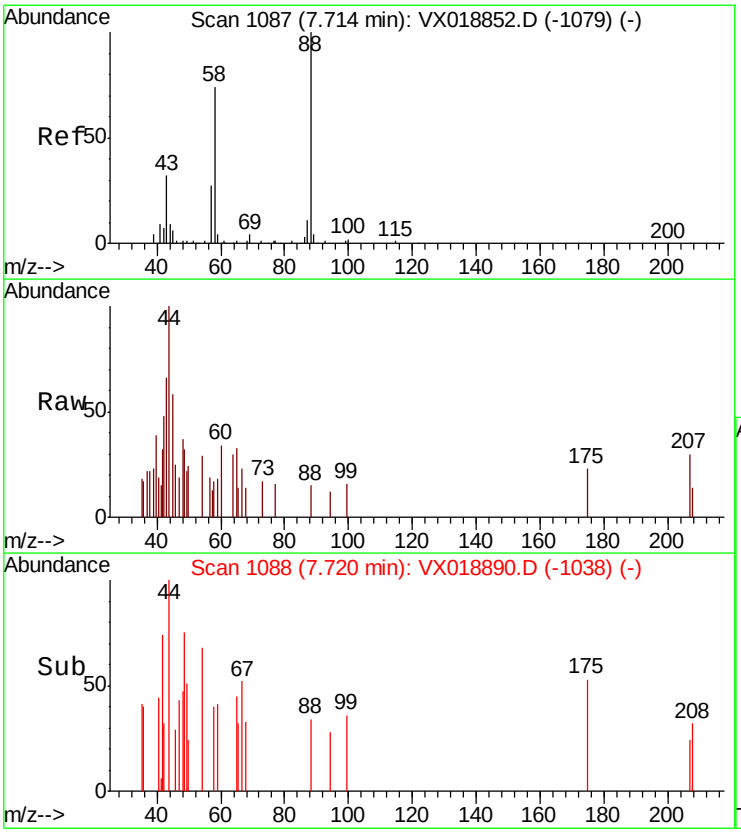
#38
Carbon Tetrachloride
Concen: 5.039 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion:117 Resp: 20902

Ion	Ratio	Lower	Upper
117	100		
119	6.6	73.9	110.9#
121	0.0	23.6	35.4#

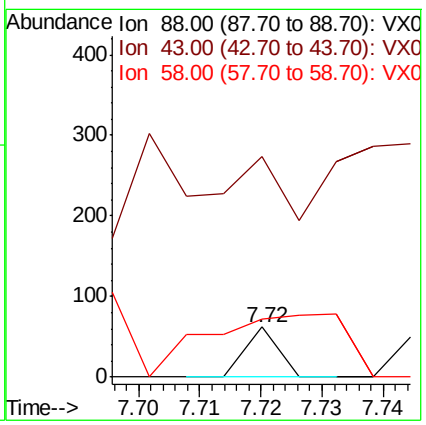


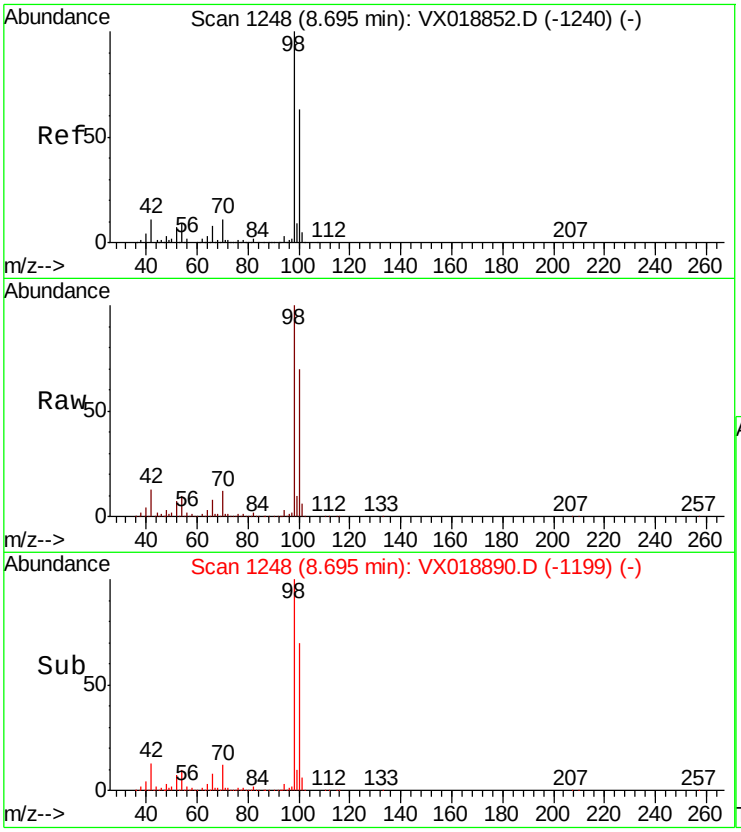


#49
1,4-Dioxane
Concen: 0.602 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.0	46.6#
58	0.0	59.3	88.9#



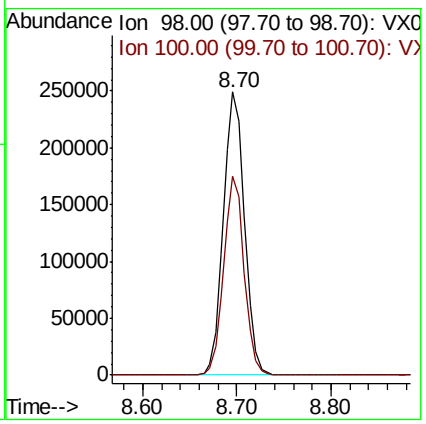


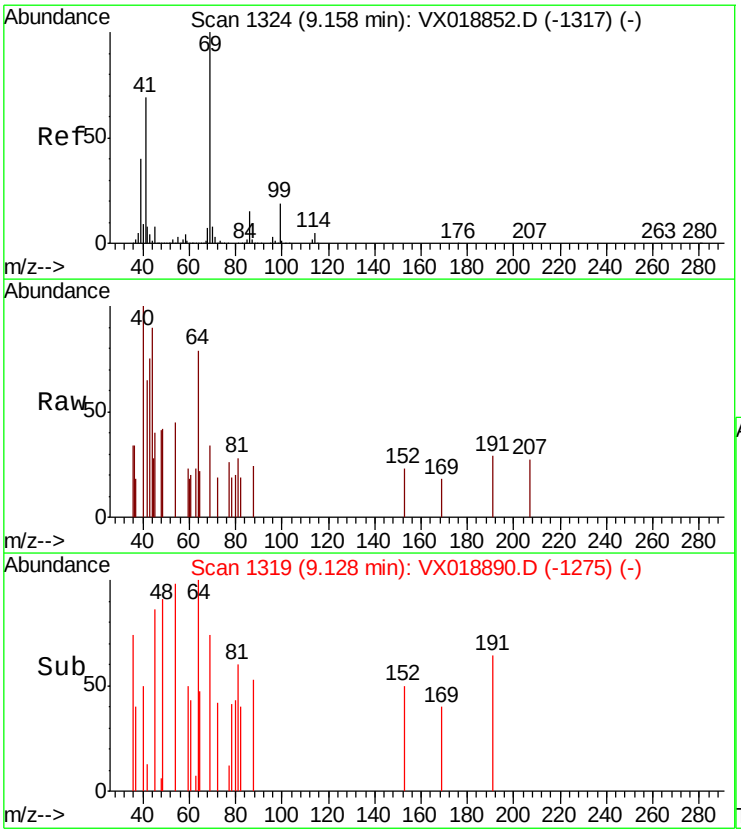
#50
Toluene-d8
Concen: 49.328 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion: 98 Resp: 388116

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.1	79.7

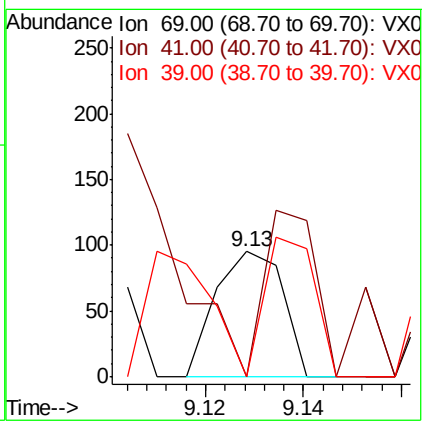


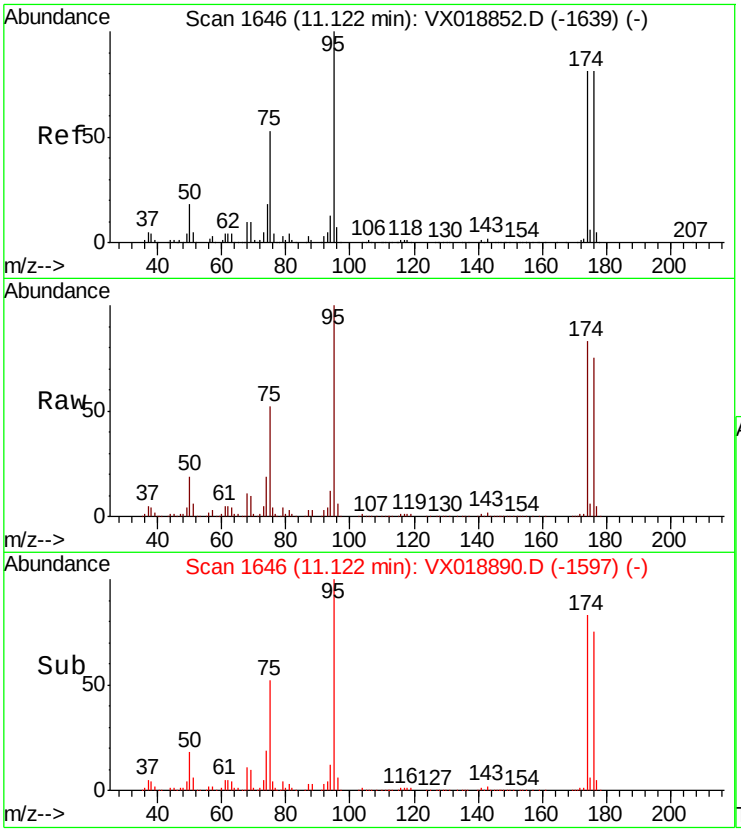


#56
Ethyl methacrylate
Concen: 2.958 ug/l
RT: 9.13 min Scan# 1319
Delta R.T. -0.03 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion: 69 Resp: 91

Ion	Ratio	Lower	Upper
69	100		
41	126.4	54.6	81.8#
39	81.3	31.5	47.3#



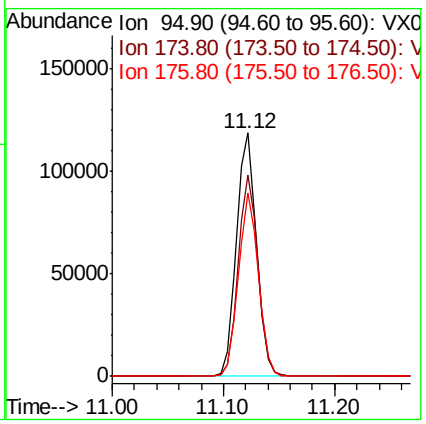


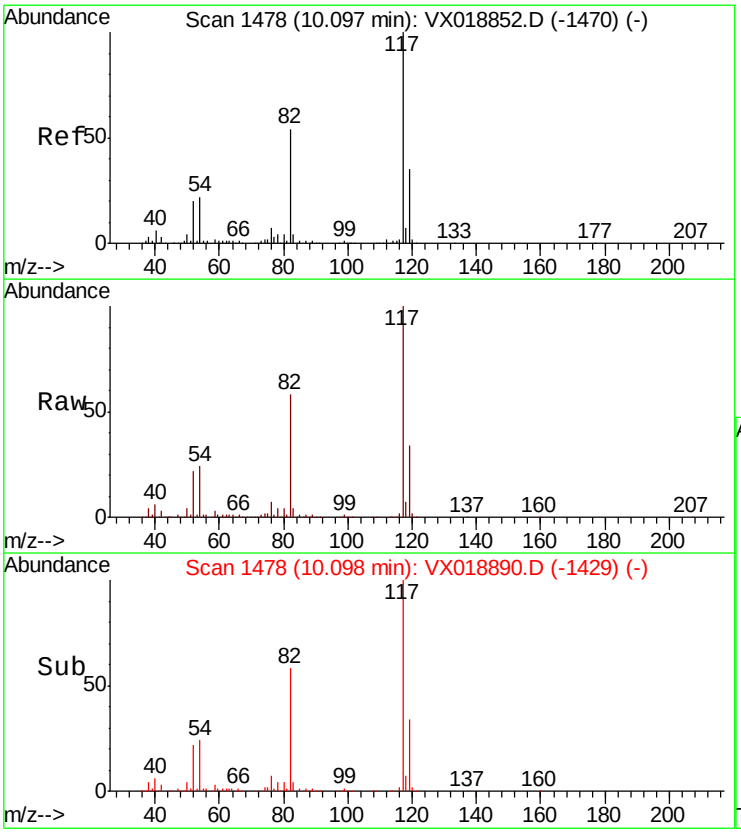
#62
4-Bromofluorobenzene
Concen: 47.427 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion: 95 Resp: 148725

Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	160.0
176	74.9	0.0	161.2

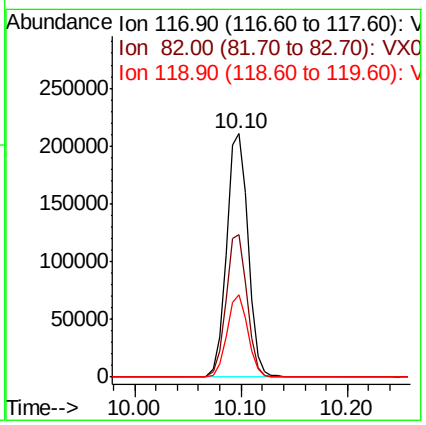


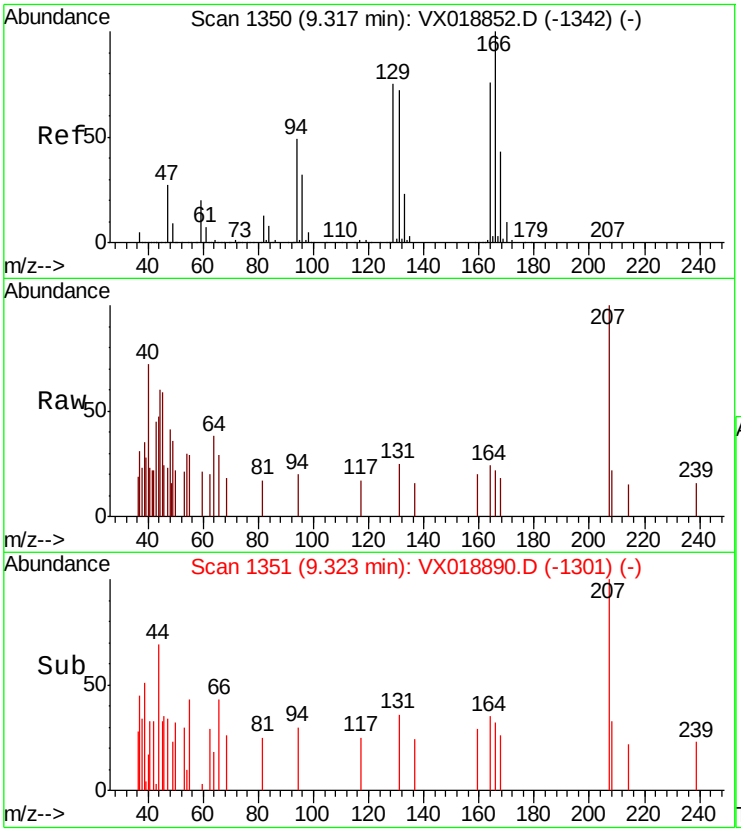


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion:117 Resp: 298159

Ion	Ratio	Lower	Upper
117	100		
82	58.4	43.4	65.2
119	33.9	28.3	42.5



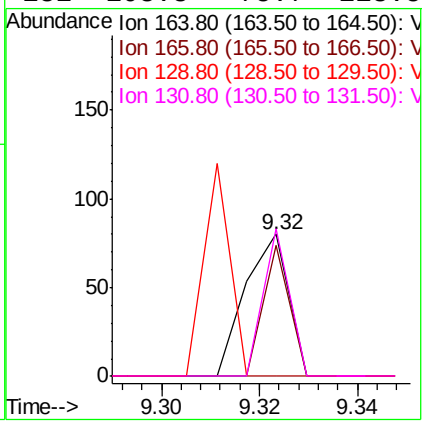


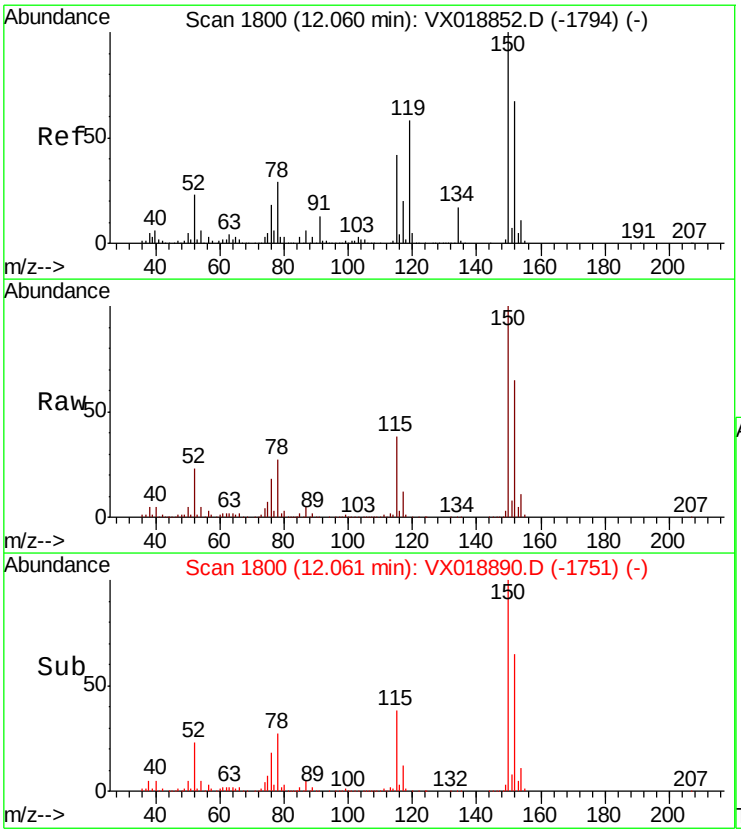
#64
Tetrachloroethene
Concen: Below Cal
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion:164 Resp: 49

Ion	Ratio	Lower	Upper
164	100		
166	92.5	105.4	158.0#
129	0.0	79.0	118.6#
131	103.8	75.7	113.5

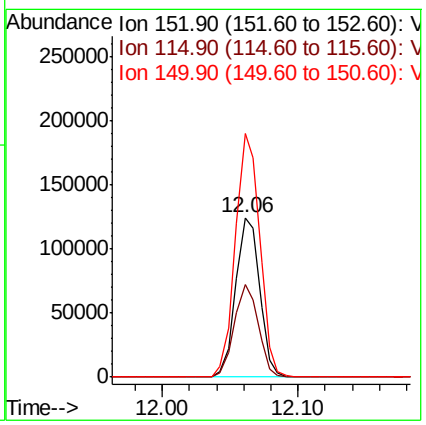


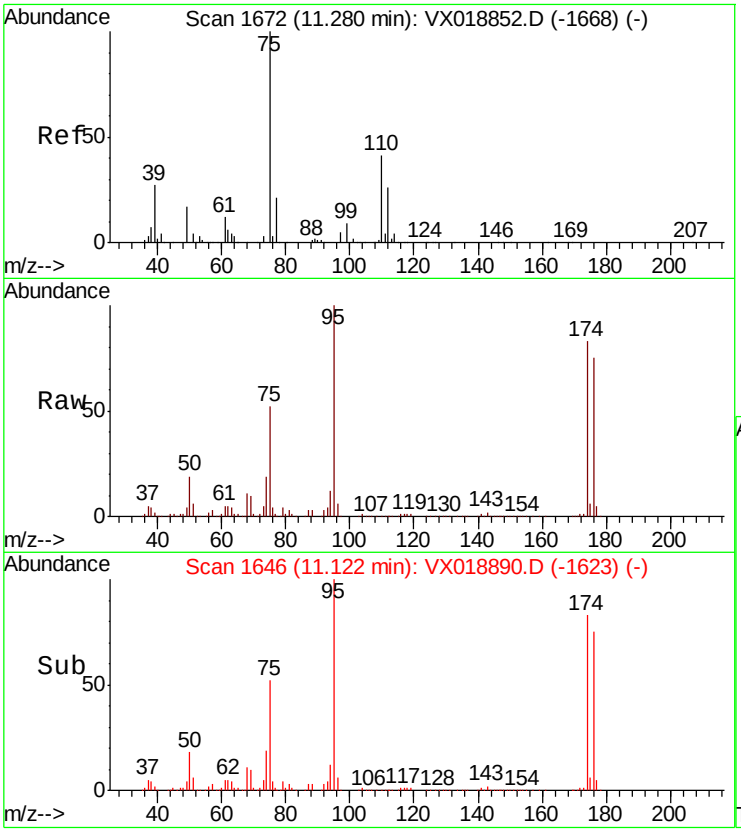


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion:152 Resp: 152919

Ion	Ratio	Lower	Upper
152	100		
115	58.0	41.8	125.4
150	154.6	0.0	347.6



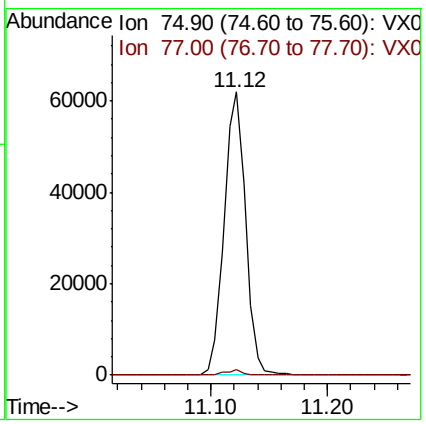


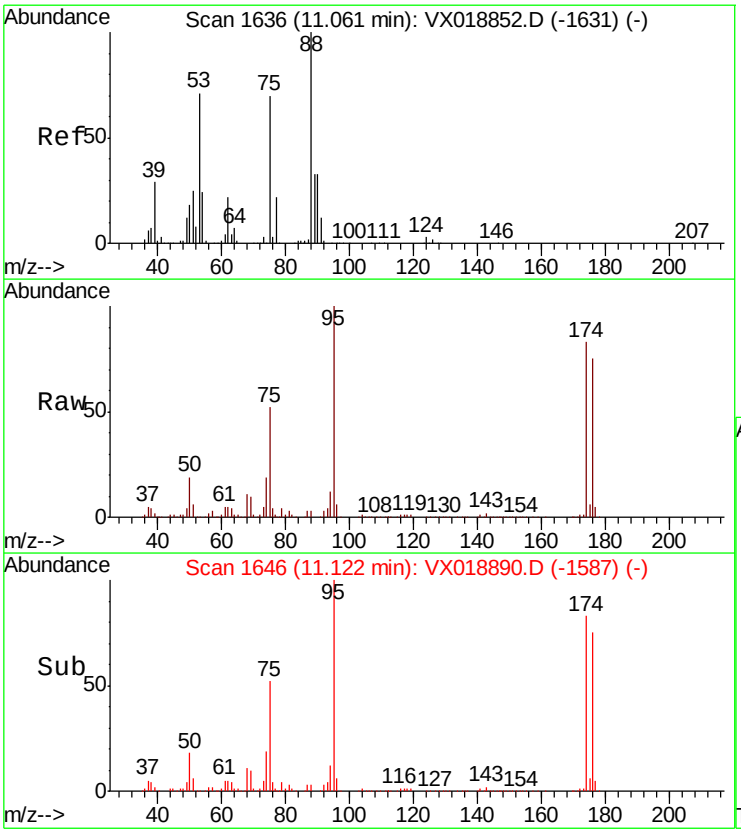
#76
1,2,3-Trichloropropane
Concen: 24.000 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion: 75 Resp: 79079

Ion	Ratio	Lower	Upper
75	100		
77	1.7	20.2	60.6#

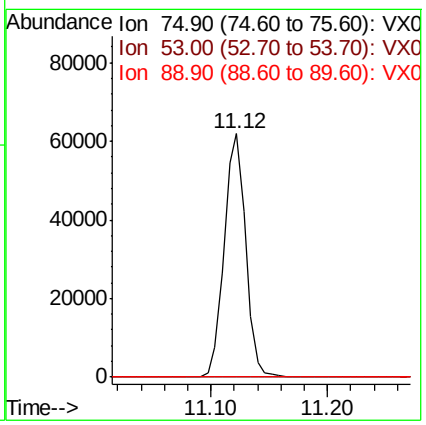


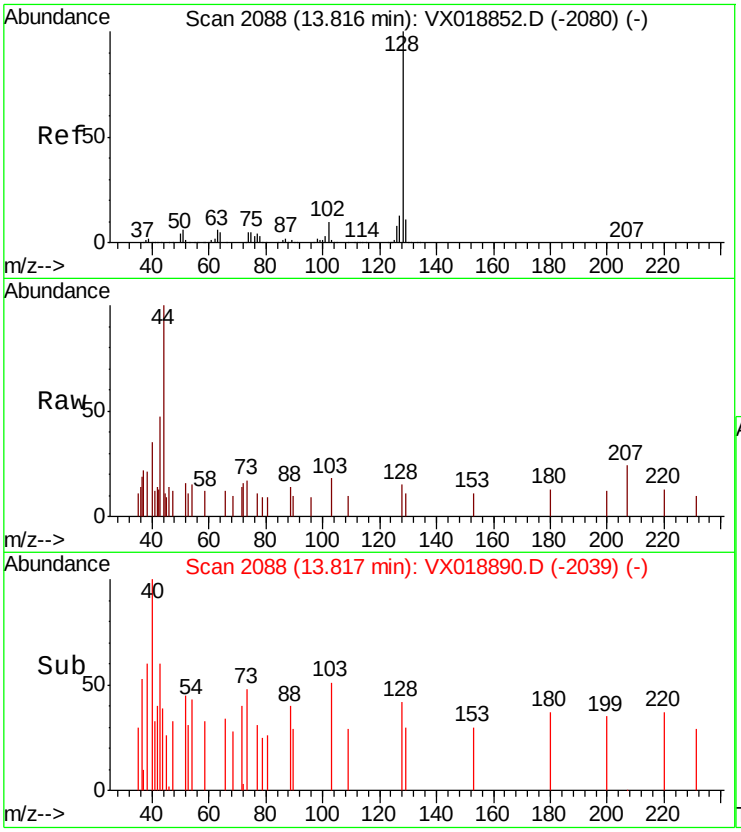


#81
trans-1,4-Dichloro-2-butene
Concen: 68.016 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Tgt Ion: 75 Resp: 79079

Ion	Ratio	Lower	Upper
75	100		
53	0.4	85.0	127.4#
89	0.0	39.0	58.4#





#95
Naphthalene
Concen: 3.081 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018890.D
Acq: 10 Oct 2020 05:52

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20200930

Tgt Ion:128 Resp: 50

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	46.0	8.6	13.0#