Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100920\
Data File : VX018886.D
Acq On : 10 Oct 2020 04:21
Operator : JC/SP
Sample : L4303-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FC-MW10I-20201002

Quant Time: Oct 10 06:29:44 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	5.63	168	204849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	327294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	314080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	158457	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.90%			
35) Dibromofluoromethane	5.47	113	117226	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.52%			
50) Toluene-d8	8.70	98	401935	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.36%			
62) 4-Bromofluorobenzene	11.12	95	154280	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	129	1.670	ug/l #	43
3) Chloromethane	1.31	50	669	0.348	ug/l #	69
5) Bromomethane	1.65	94	463	0.387	ug/l	85
8) Diethyl Ether	2.36	74	91	1.106	ug/l	79
10) Methyl Iodide	2.50	142	212	4.083	ug/l #	70
11) Tert butyl alcohol	2.99	59	2050	4.308	ug/l #	87
12) 1,1-Dichloroethene	2.36	96	35	0.723	ug/l #	24
13) Acrolein	2.30	56	173	0.437	ug/l #	1
14) Allyl chloride	2.68	41	1109	0.323	ug/l #	65
16) Acetone	2.42	43	1101	Below Cal	#	80
18) Methyl Acetate	2.75	43	715	0.285	ug/l	100
20) Methylene Chloride	2.83	84	79	0.540	ug/l #	32
28) Bromochloromethane	4.98	49	181	1.618	ug/l #	8
29) Tetrahydrofuran	5.09	42	283	0.322	ug/l #	51
36) 1,1-Dichloropropene	5.63	75	16053	4.665	ug/l #	52
38) Carbon Tetrachloride	5.64	117	22531	5.283	ug/l #	17
49) 1,4-Dioxane	7.70	88	68	1.731	ug/l #	1
56) Ethyl methacrylate	9.21	69	23	2.940	ug/l #	1
64) Tetrachloroethene	9.32	164	48	Below Cal	#	42
76) 1,2,3-Trichloropropane	11.12	75	81689	23.611	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	81689	66.911	ug/l #	7
95) Naphthalene	13.82	128	208	3.095	ug/l #	70

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

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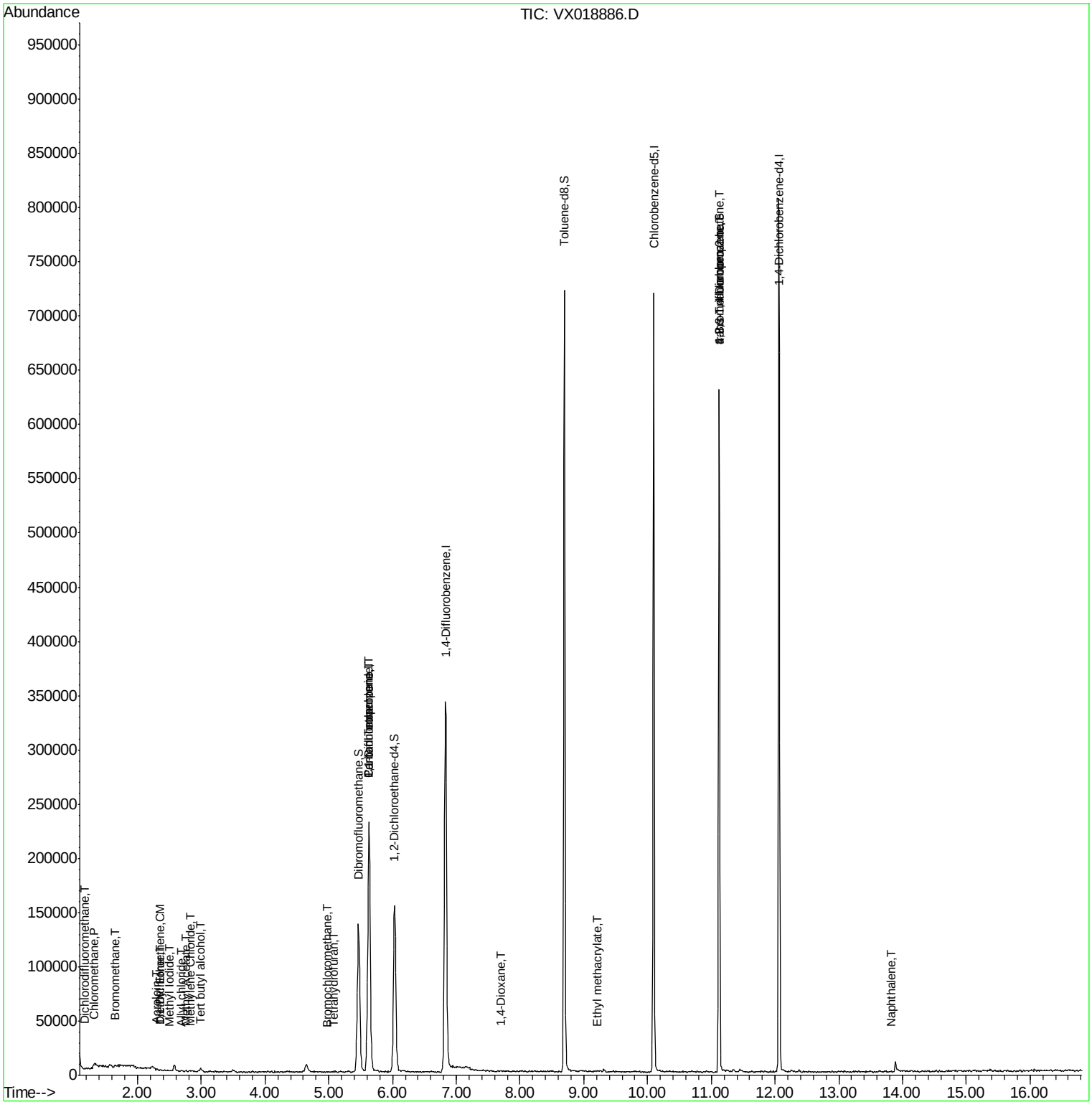
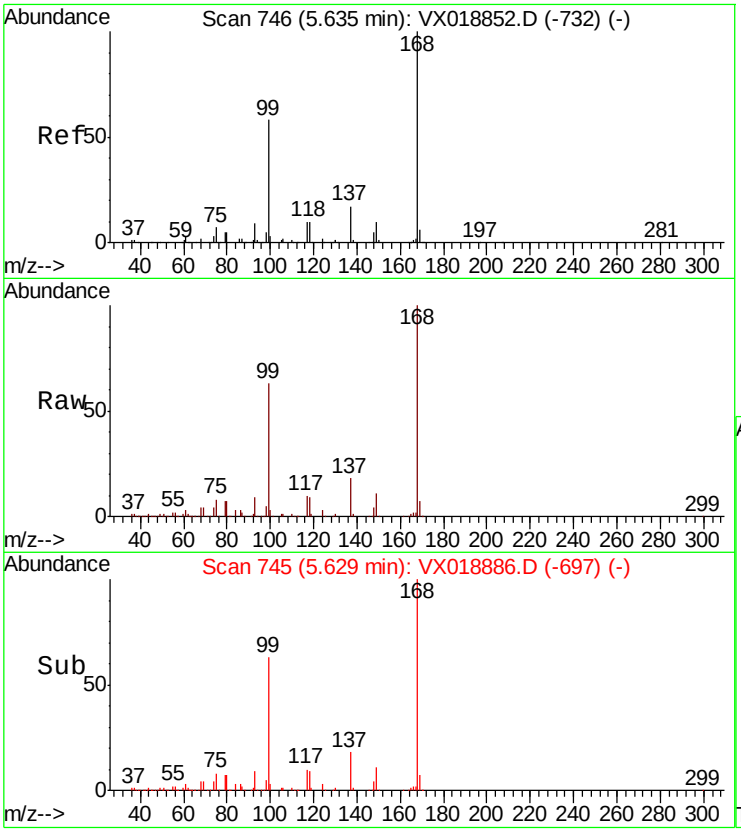
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Quant Time: Oct 10 06:29:44 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



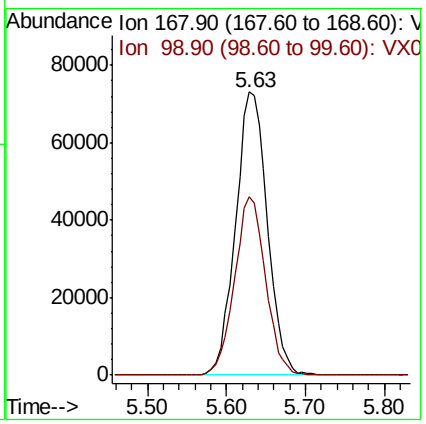


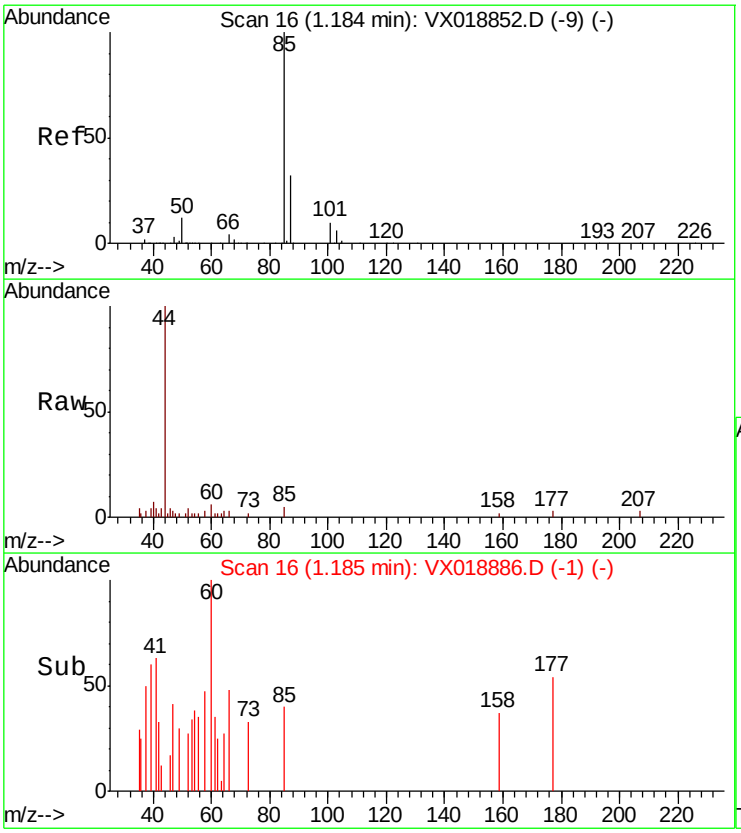
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion:168 Resp: 204849

Ion	Ratio	Lower	Upper
168	100		
99	62.9	46.1	69.1

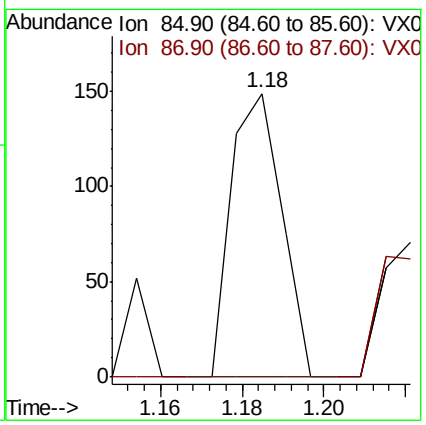


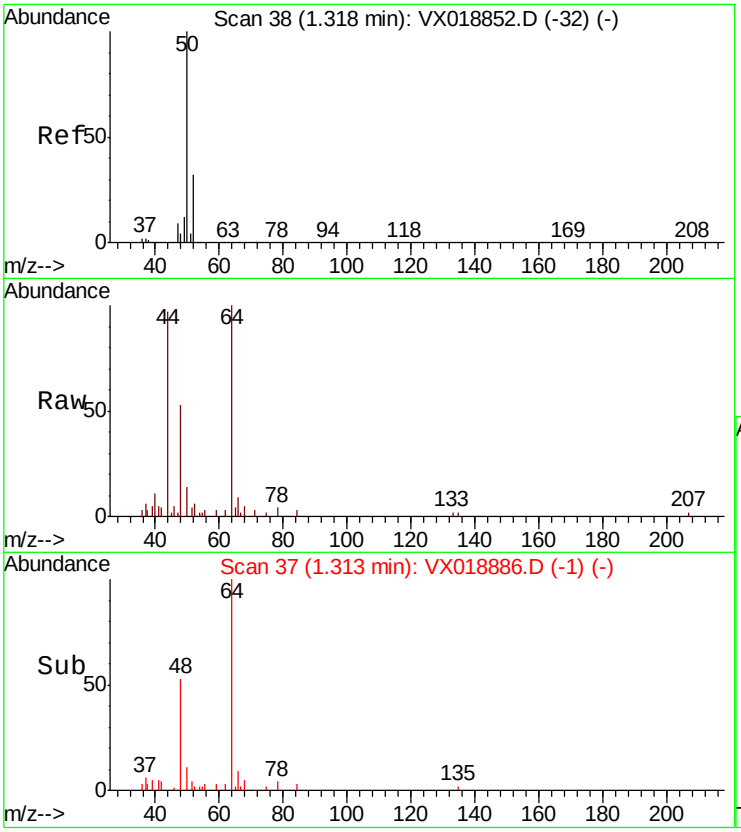


#2
Dichlorodifluoromethane
Concen: 1.670 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion: 85 Resp: 129

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



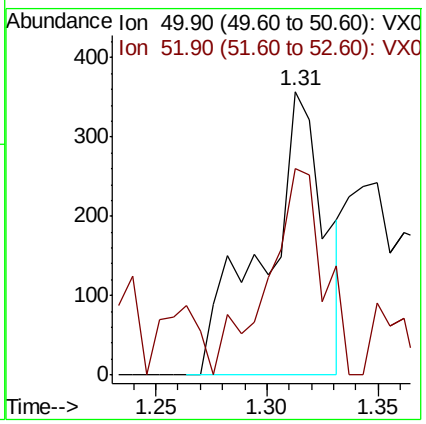


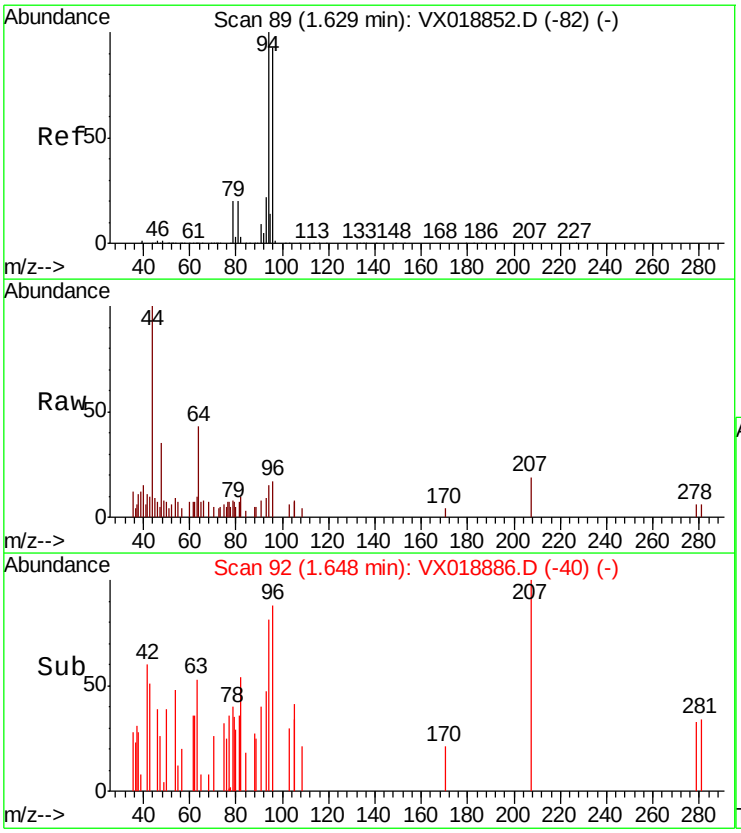
#3
Chloromethane
Concen: 0.348 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion: 50 Resp: 669

Ion	Ratio	Lower	Upper
50	100		
52	48.5	25.2	37.8#

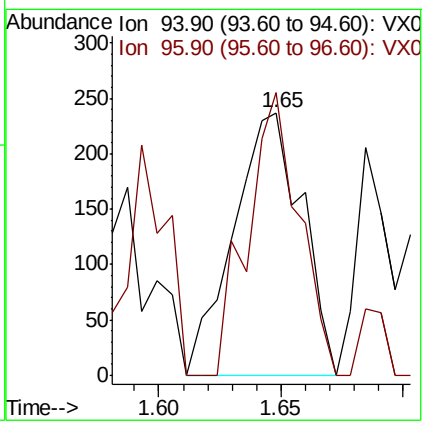


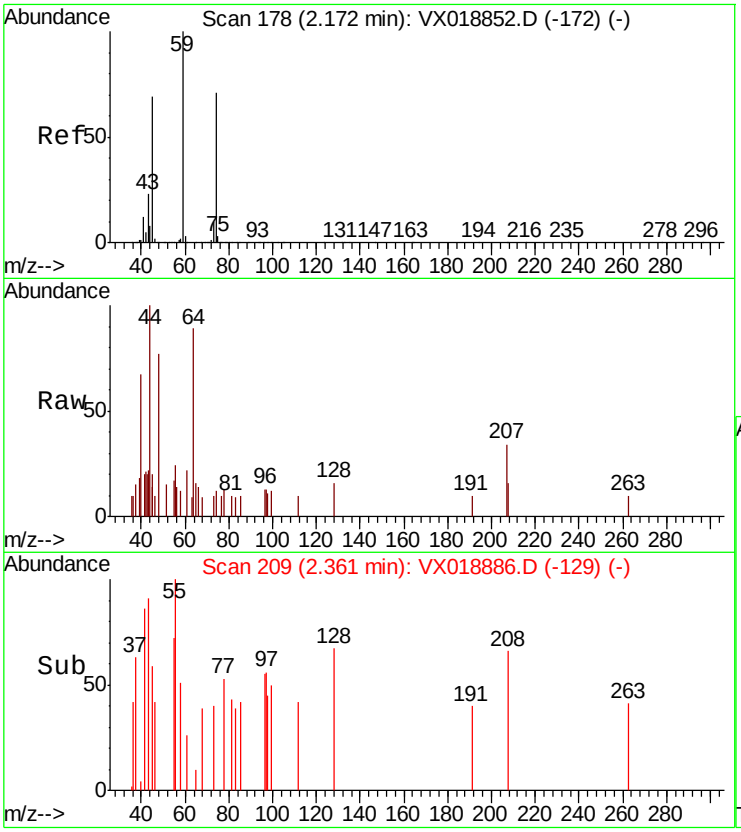


#5
Bromomethane
Concen: 0.387 ug/l
RT: 1.65 min Scan# 92
Delta R.T. 0.02 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion: 94 Resp: 463

Ion	Ratio	Lower	Upper
94	100		
96	107.6	74.5	111.7



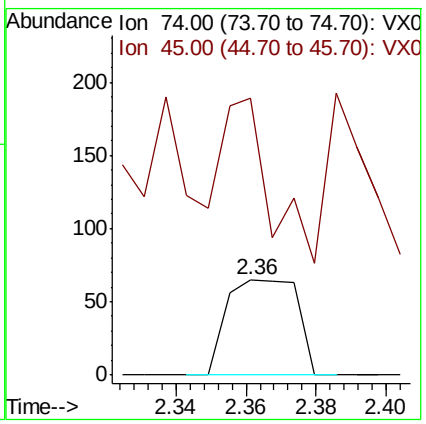


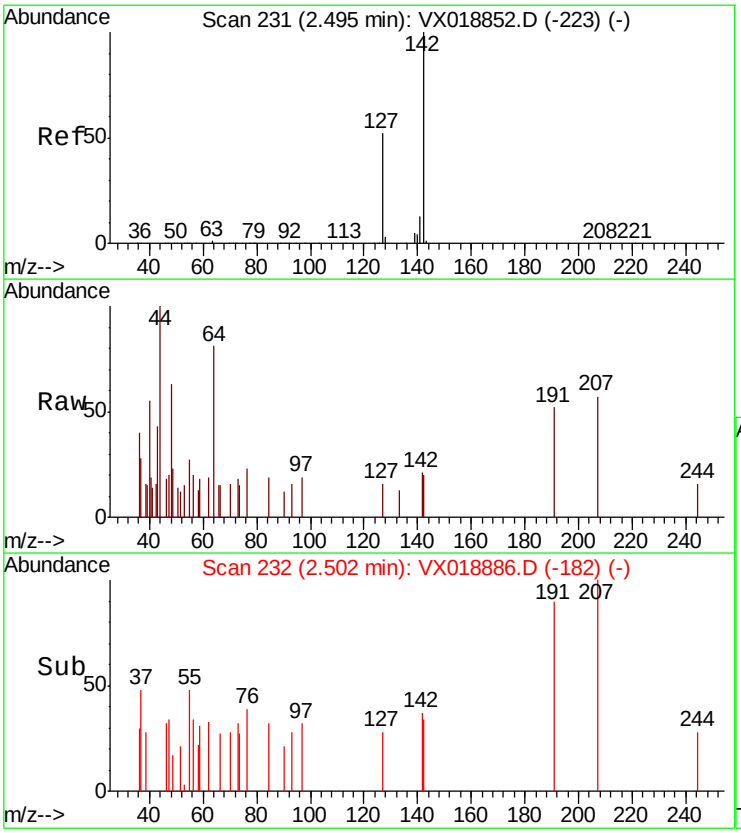
#8
Diethyl Ether
Concen: 1.106 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.19 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion: 74 Resp: 91

Ion	Ratio	Lower	Upper
74	100		
45	114.3	47.0	141.2

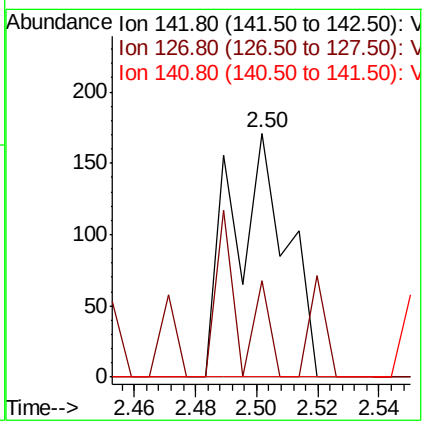


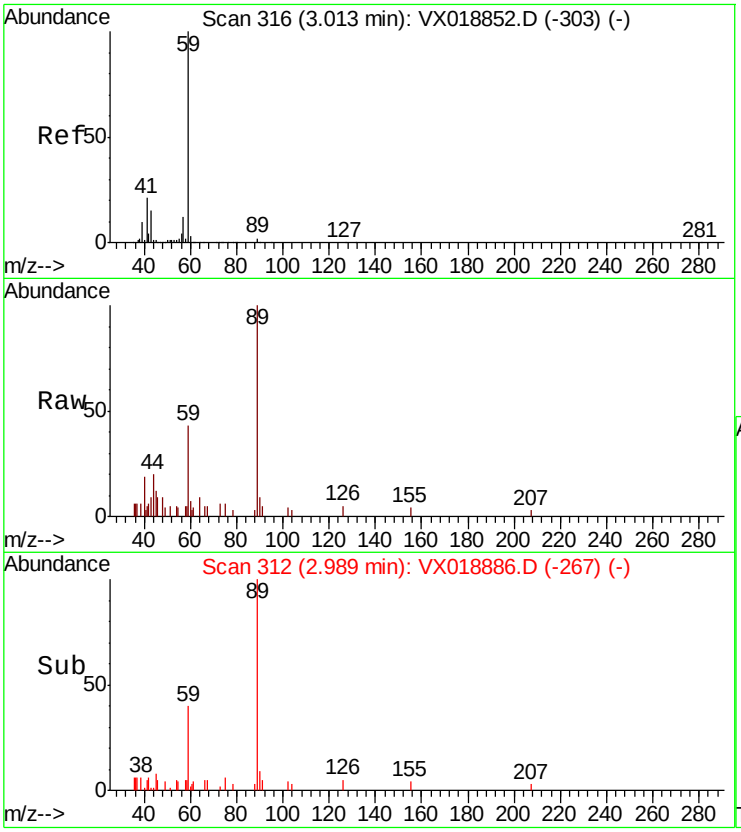


#10
Methyl Iodide
Concen: 4.083 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion:142 Resp: 212

Ion	Ratio	Lower	Upper
142	100		
127	32.1	42.0	63.0#
141	0.0	11.8	17.6#



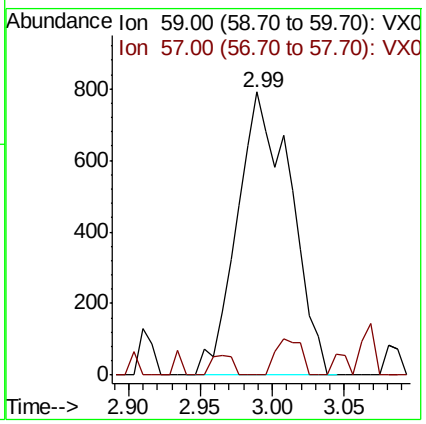


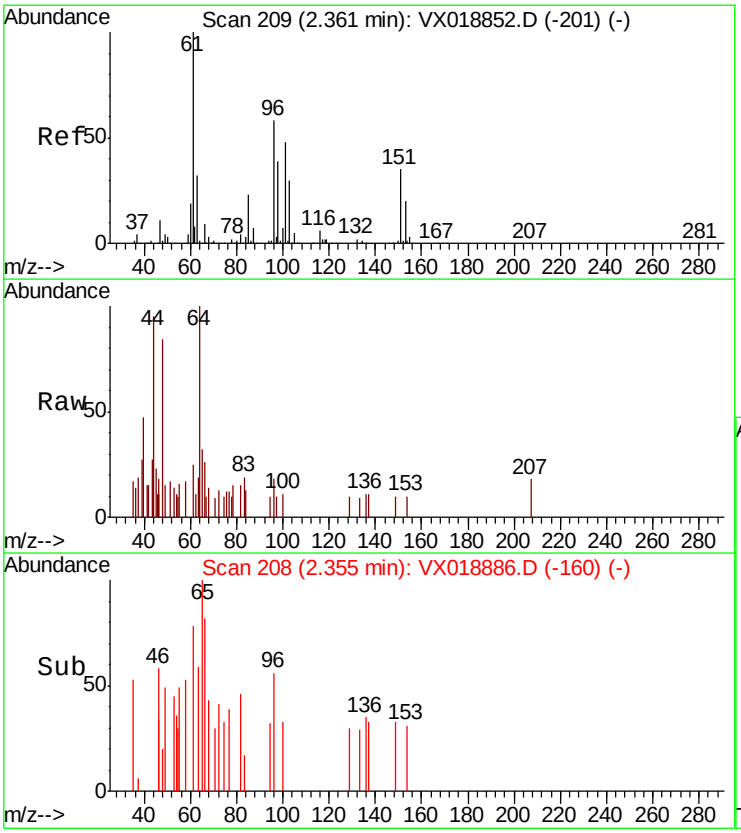
#11
Tert butyl alcohol
Concen: 4.308 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion: 59 Resp: 2050

Ion	Ratio	Lower	Upper
59	100		
57	6.1	9.0	13.6#

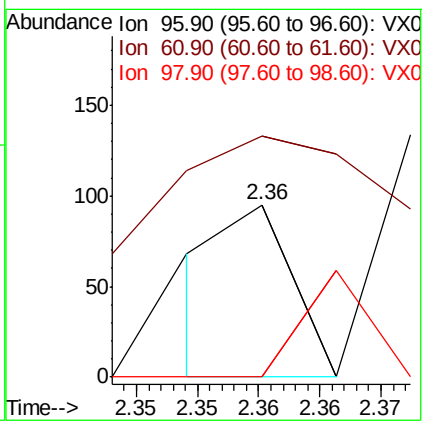


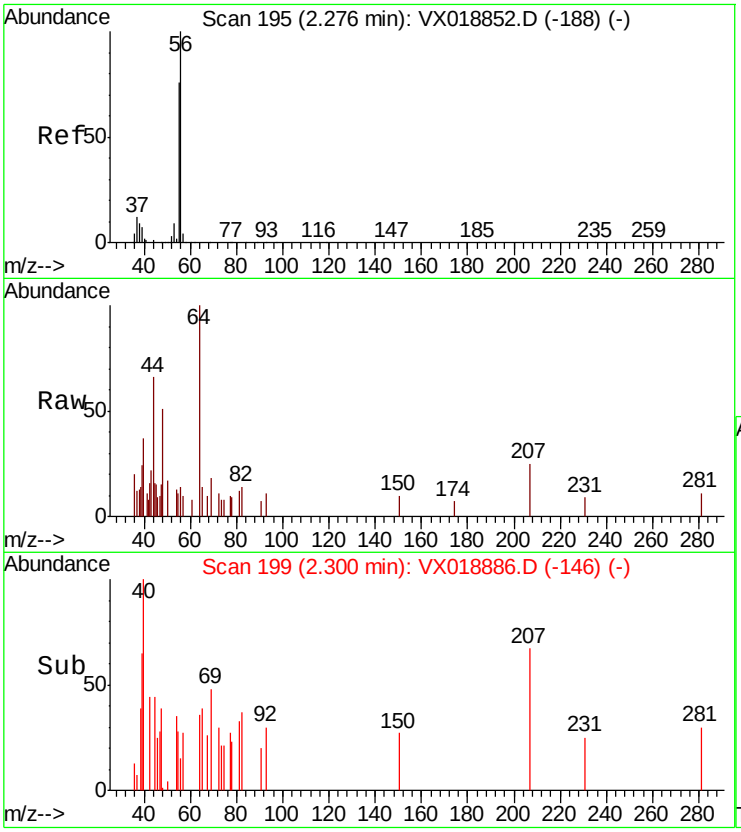


#12
1,1-Dichloroethene
Concen: 0.723 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion: 96 Resp: 35

Ion	Ratio	Lower	Upper
96	100		
61	70.4	137.0	205.6#
98	0.0	53.9	80.9#



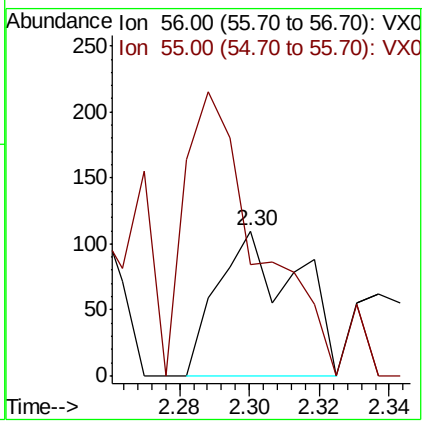


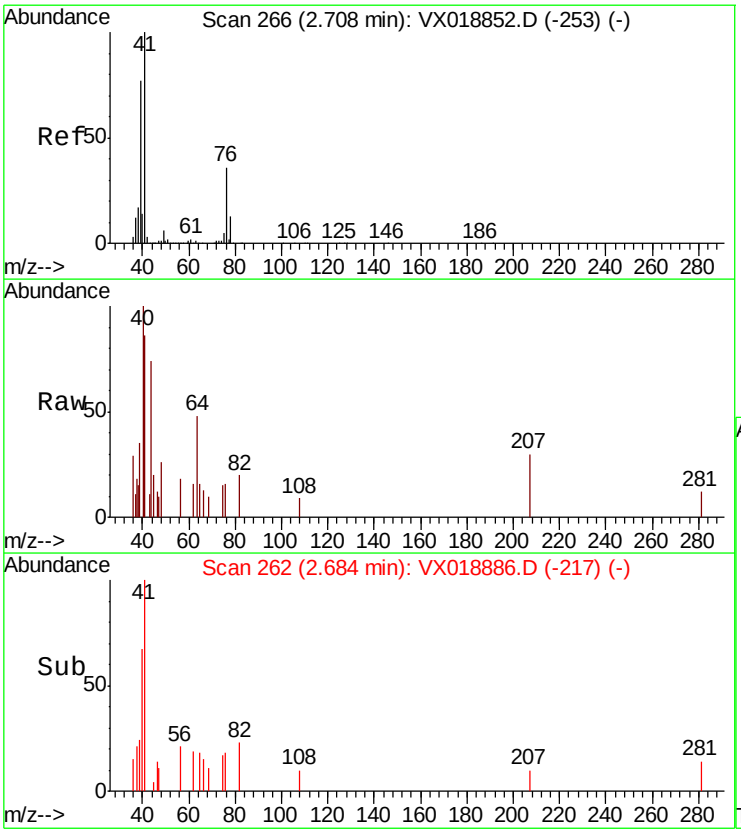
#13
Acrolein
Concen: 0.437 ug/l
RT: 2.30 min Scan# 199
Delta R.T. 0.02 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion: 56 Resp: 173

Ion	Ratio	Lower	Upper
56	100		
55	193.6	58.6	87.8#

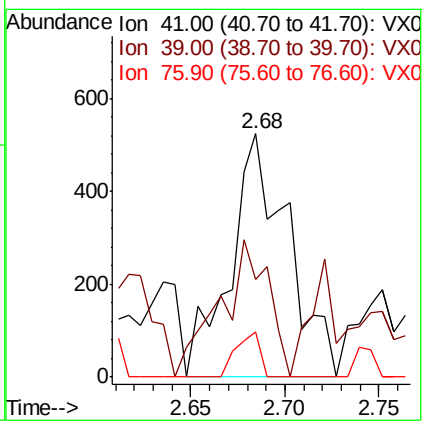


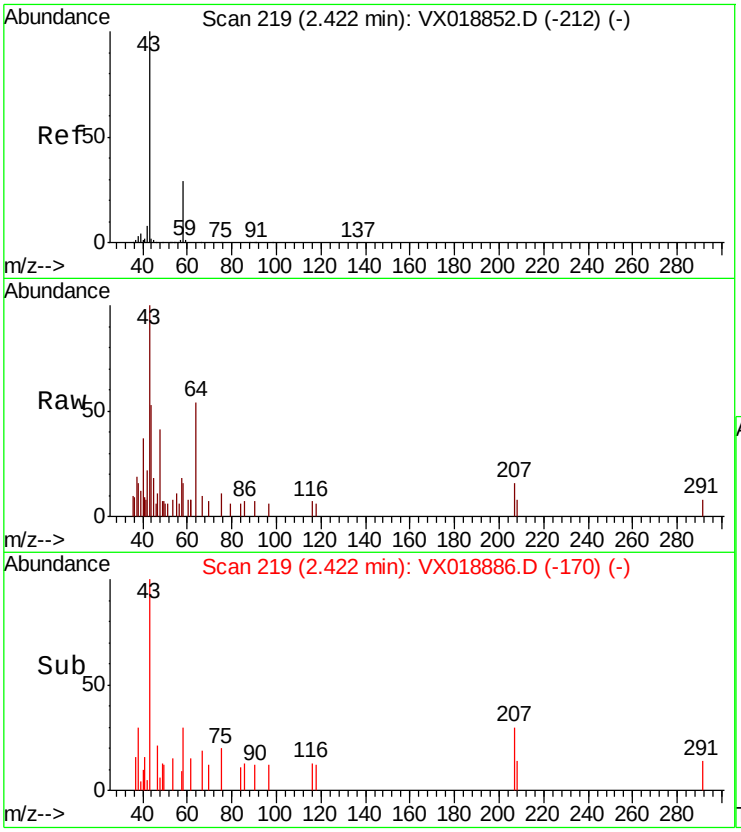


#14
Allyl chloride
Concen: 0.323 ug/l
RT: 2.68 min Scan# 262
Delta R.T. -0.02 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion: 41 Resp: 1109

Ion	Ratio	Lower	Upper
41	100		
39	47.3	57.8	86.8#
76	7.6	26.8	40.2#



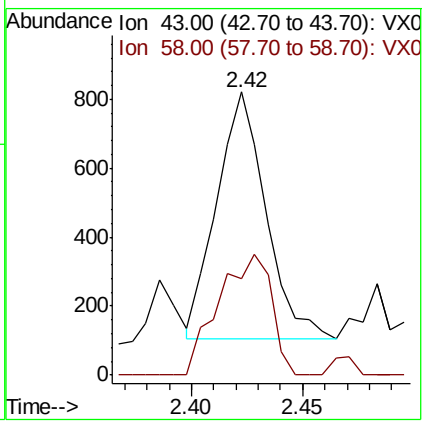


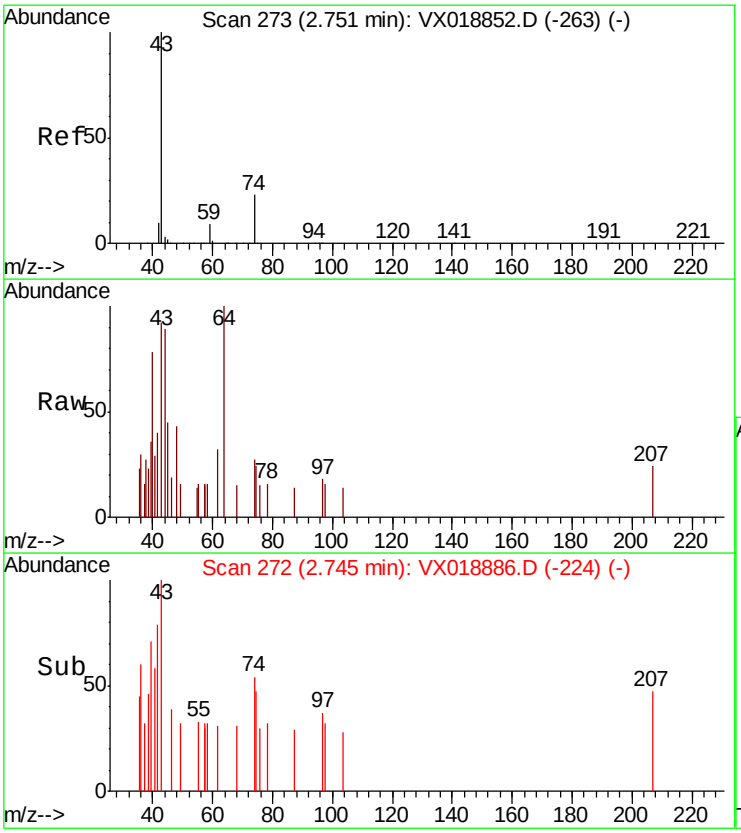
#16
Acetone
Concen: Below Cal
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion: 43 Resp: 1101

Ion	Ratio	Lower	Upper
43	100		
58	39.2	23.0	34.4#

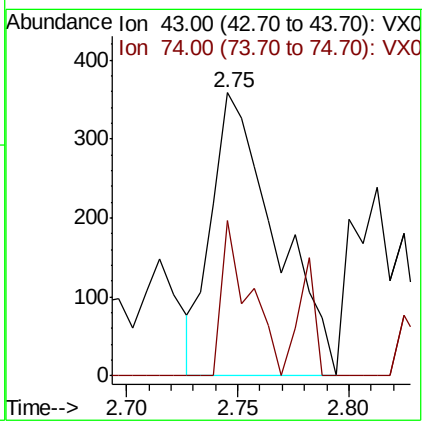


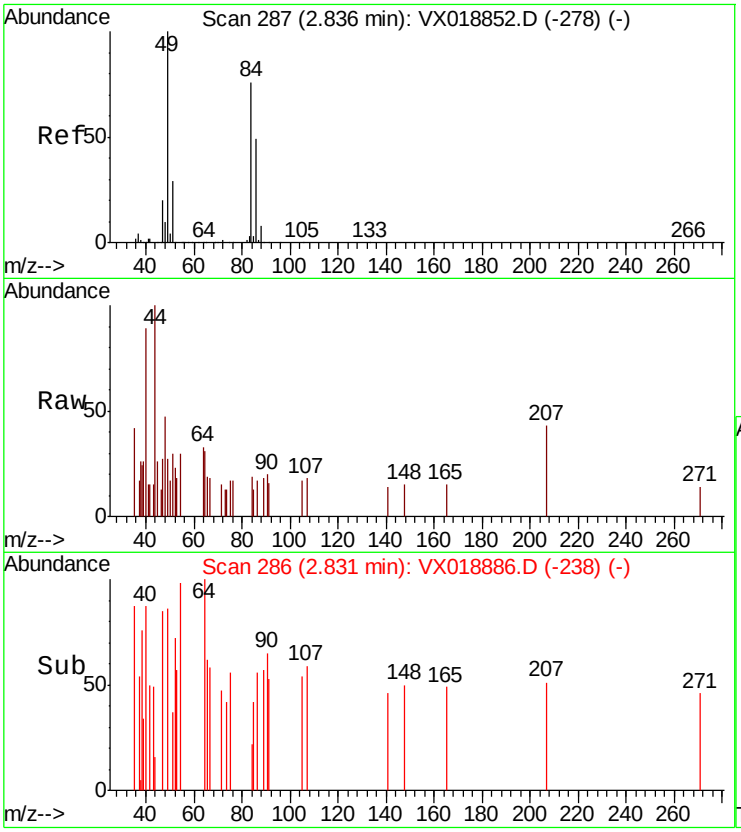


#18
Methyl Acetate
Concen: 0.285 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion: 43 Resp: 715

Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.9	28.3



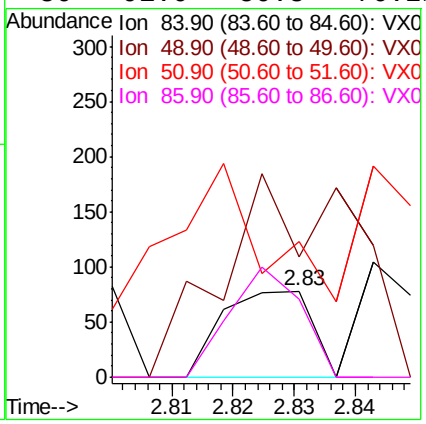


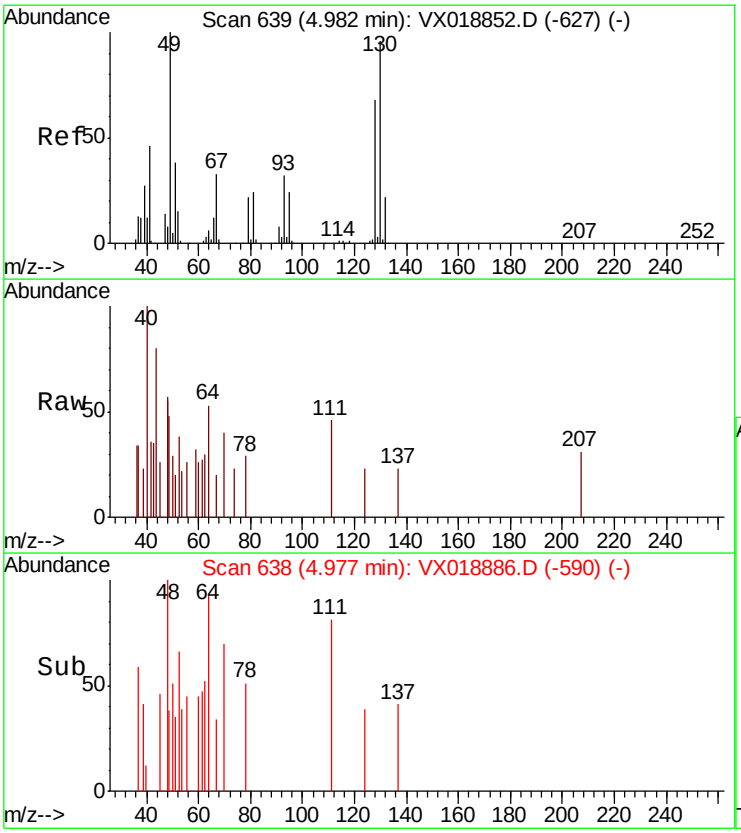
#20
Methylene Chloride
Concen: 0.540 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion: 84 Resp: 79

Ion	Ratio	Lower	Upper
84	100		
49	28.2	104.8	157.2#
51	70.5	30.6	46.0#
86	91.0	50.8	76.2#

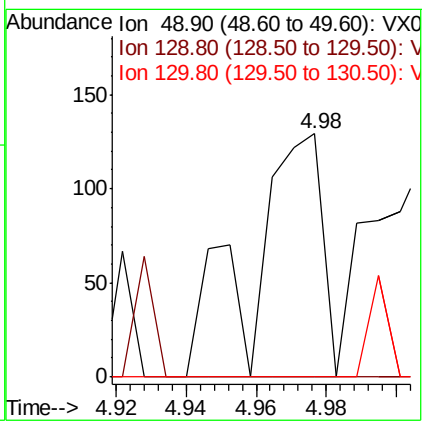


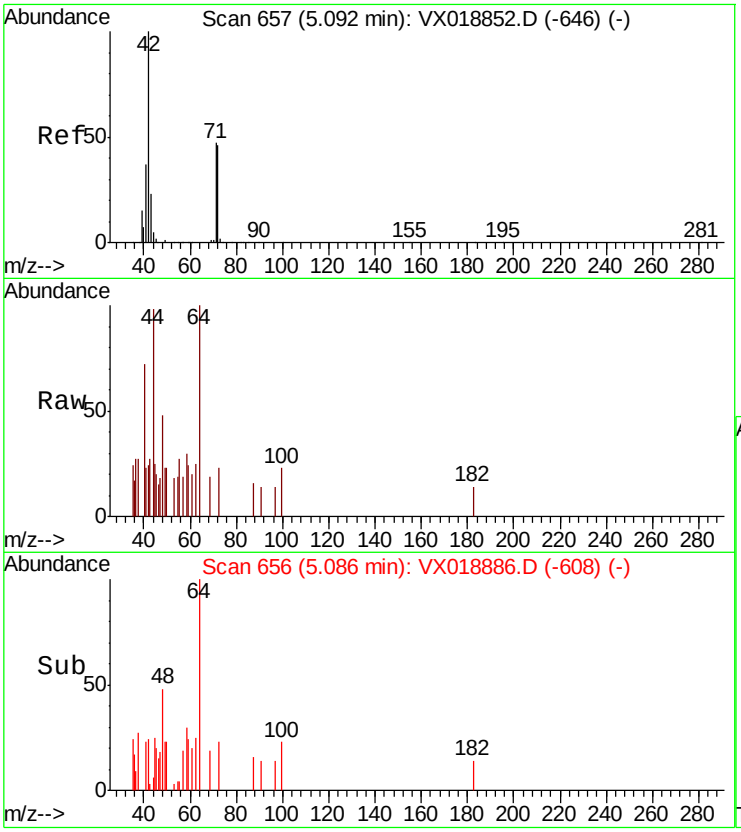


#28
Bromochloromethane
Concen: 1.618 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion: 49 Resp: 181

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



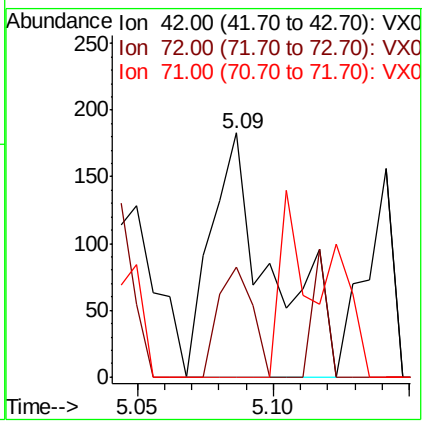


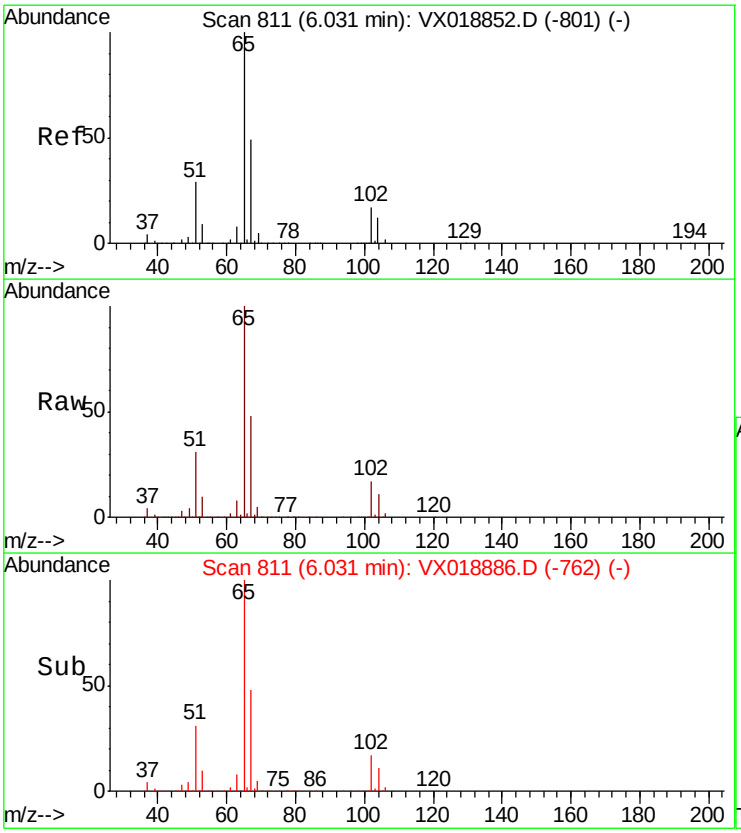
#29
Tetrahydrofuran
Concen: 0.322 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion: 42 Resp: 283

Ion	Ratio	Lower	Upper
42	100		
72	25.4	36.4	54.6#
71	0.0	35.2	52.8#

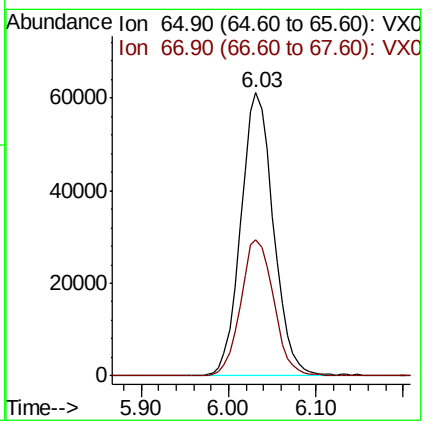


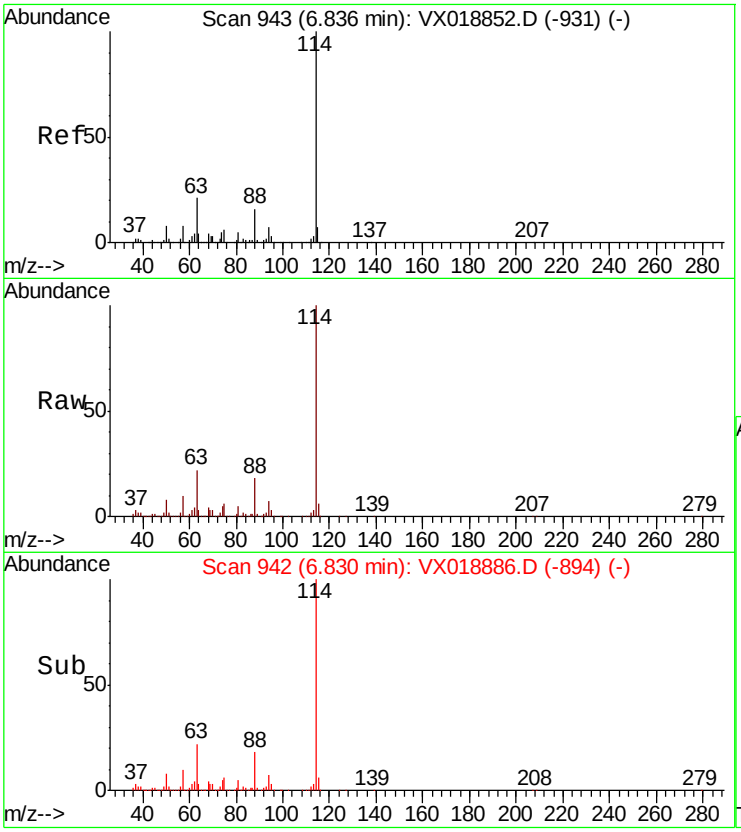


#33
1,2-Dichloroethane-d4
Concen: 52.446 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion: 65 Resp: 158457

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	97.0



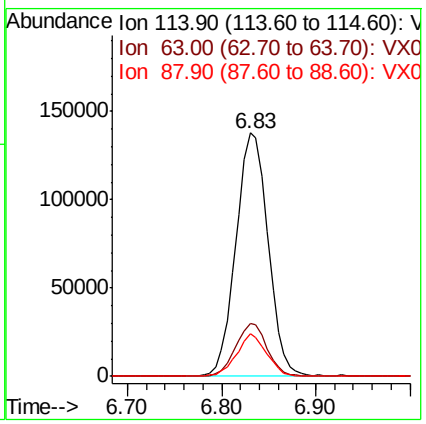


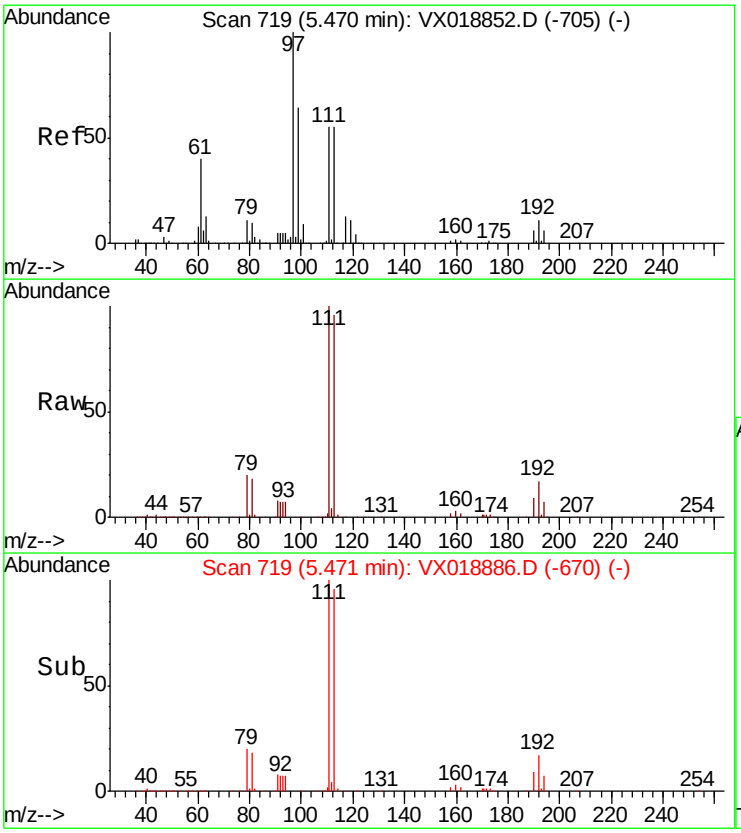
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion:114 Resp: 327294

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	42.4
88	17.5	0.0	32.6

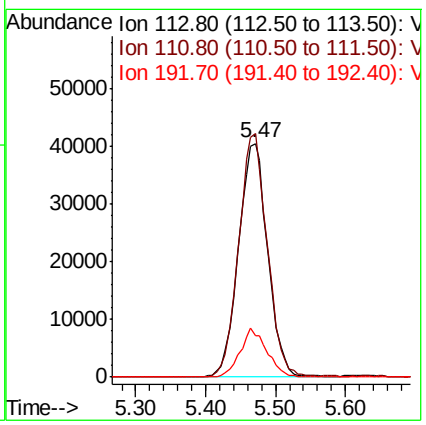


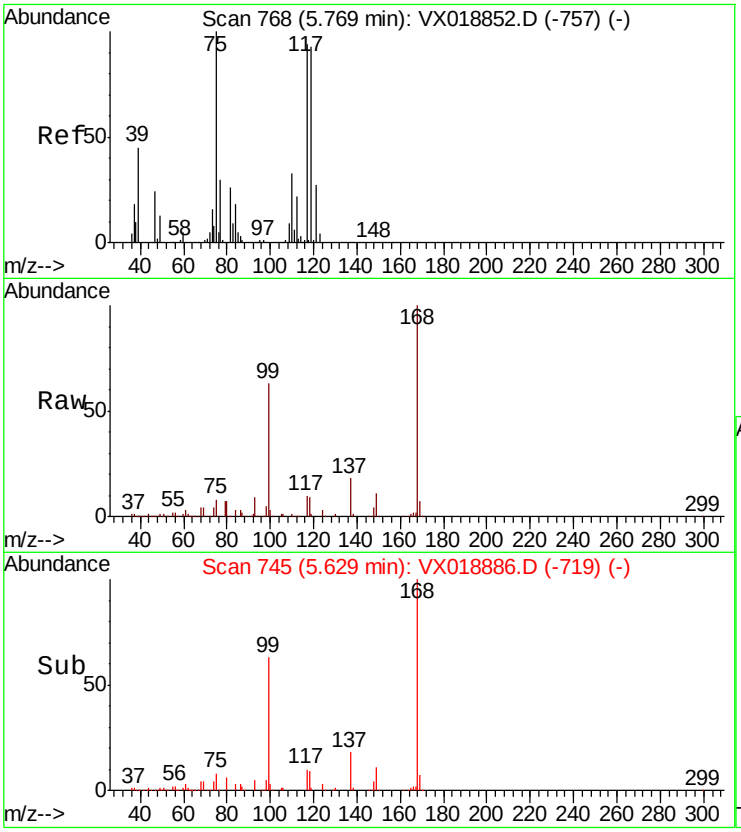


#35
Dibromofluoromethane
Concen: 50.258 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion:113 Resp: 117226

Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.1	120.1
192	19.1	16.0	24.0



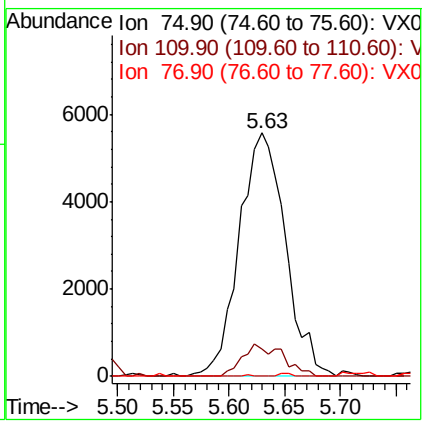


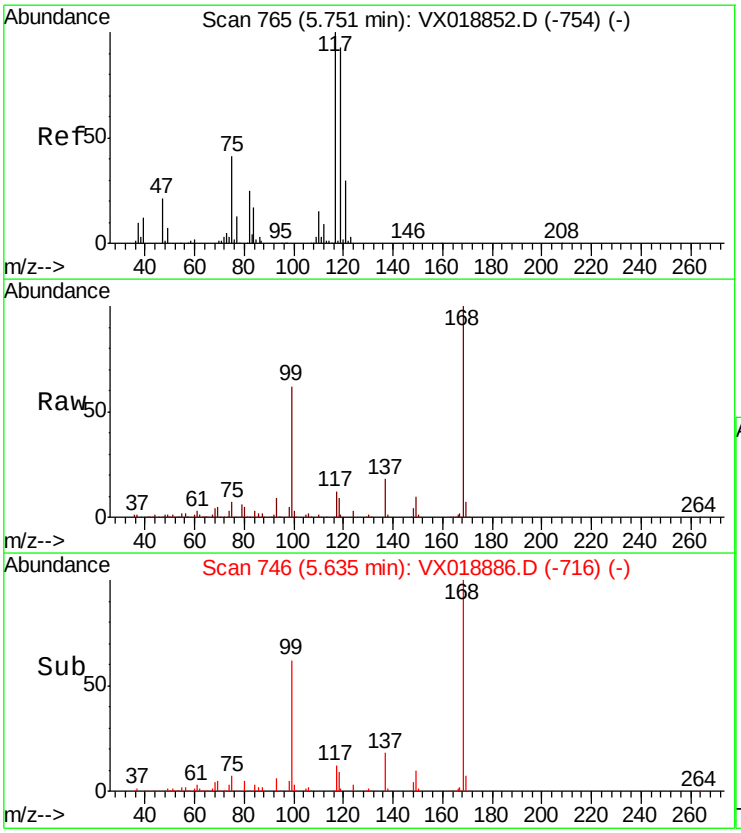
#36
1,1-Dichloropropene
Concen: 4.665 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion: 75 Resp: 16053

Ion	Ratio	Lower	Upper
75	100		
110	11.8	17.8	53.5#
77	0.1	24.2	36.4#

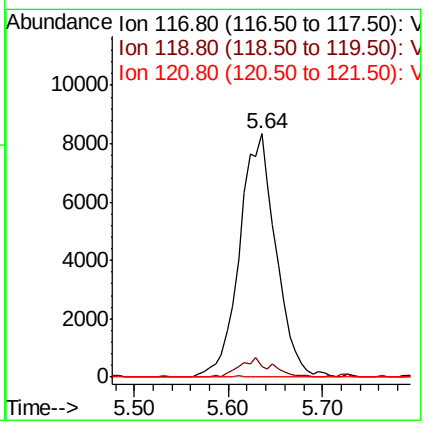


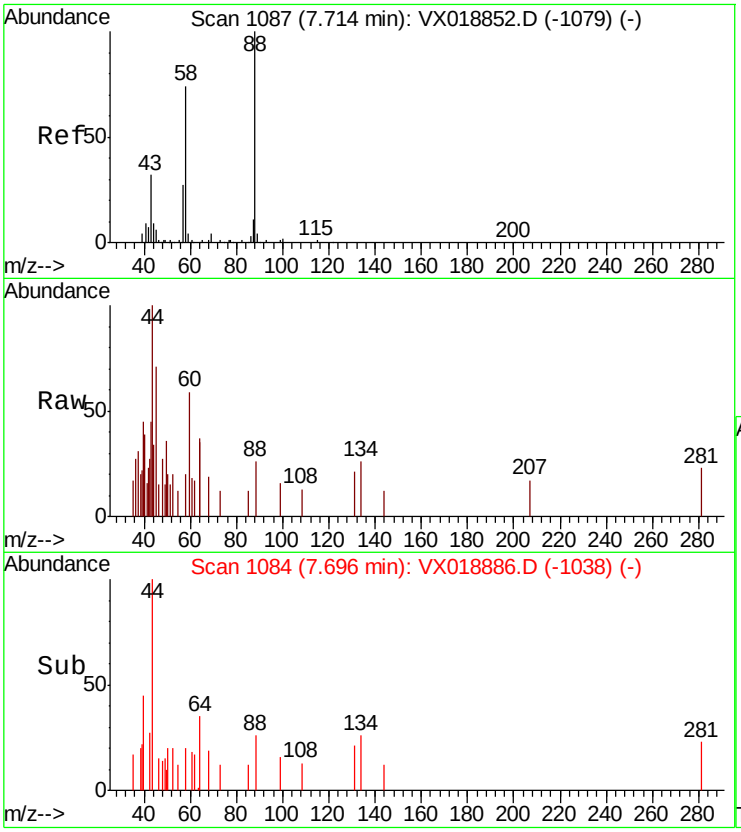


#38
Carbon Tetrachloride
Concen: 5.283 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion:117 Resp: 22531

Ion	Ratio	Lower	Upper
117	100		
119	4.6	73.9	110.9#
121	0.0	23.6	35.4#



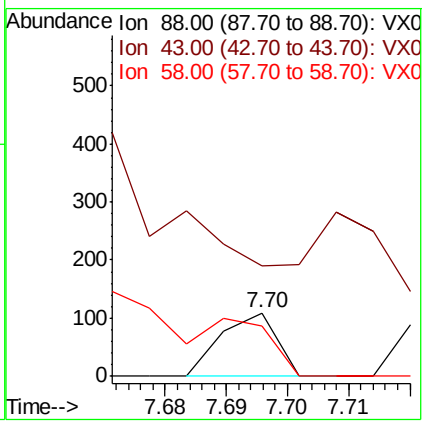


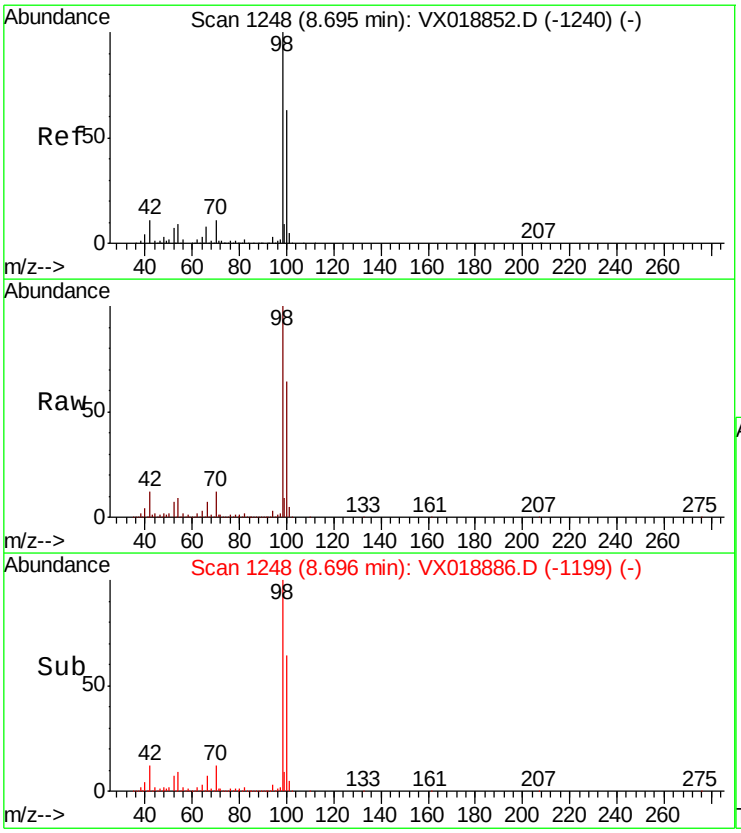
#49
1,4-Dioxane
Concen: 1.731 ug/l
RT: 7.70 min Scan# 1084
Delta R.T. -0.02 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion: 88 Resp: 68

Ion	Ratio	Lower	Upper
88	100		
43	152.9	31.0	46.6#
58	0.0	59.3	88.9#

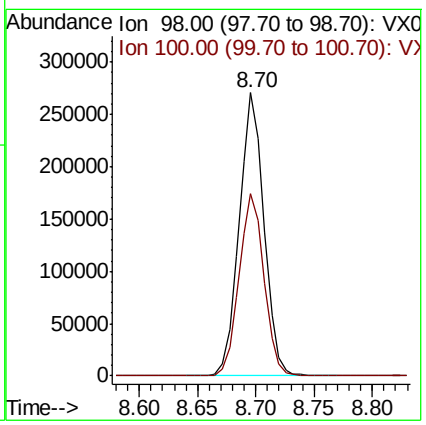


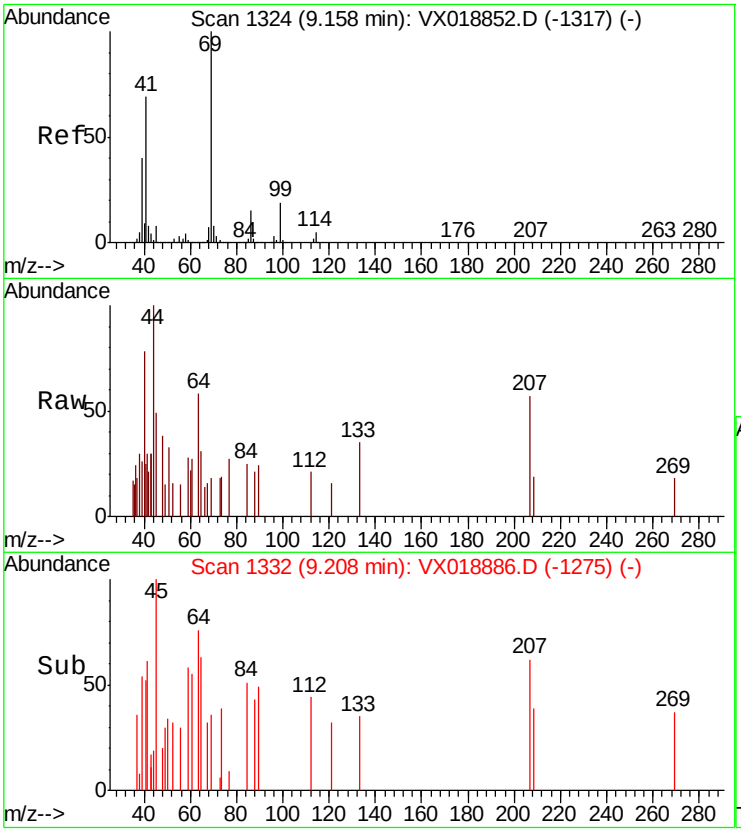


#50
Toluene-d8
Concen: 49.678 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion: 98 Resp: 401935

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.1	79.7



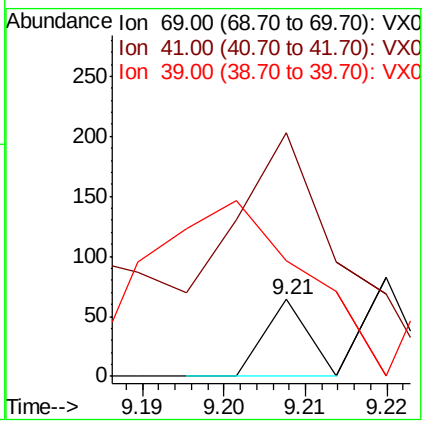


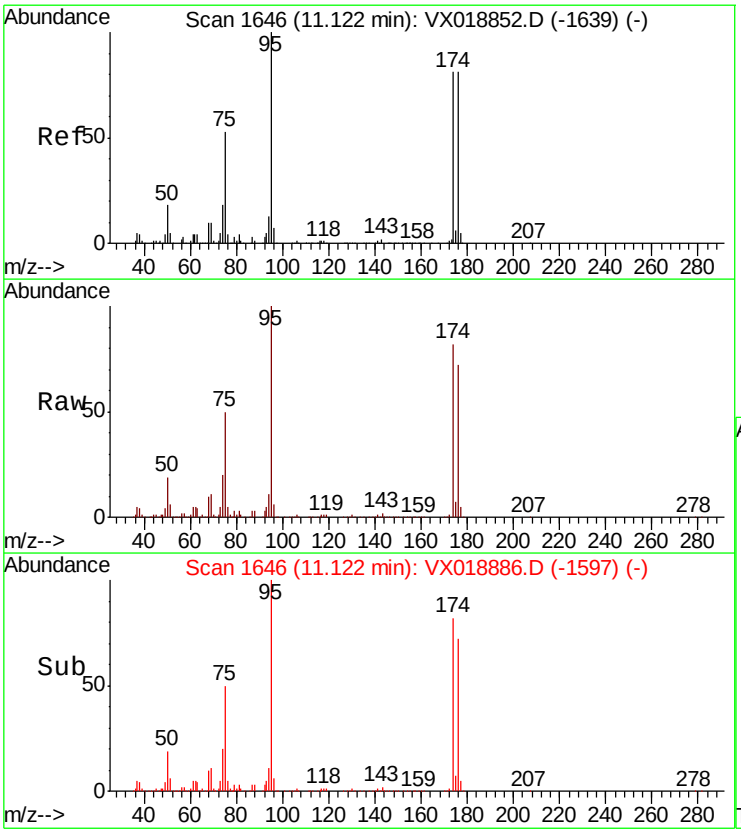
#56
Ethyl methacrylate
Concen: 2.940 ug/l
RT: 9.21 min Scan# 1332
Delta R.T. 0.05 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion: 69 Resp: 23

Ion	Ratio	Lower	Upper
69	100		
41	791.3	54.6	81.8#
39	843.5	31.5	47.3#

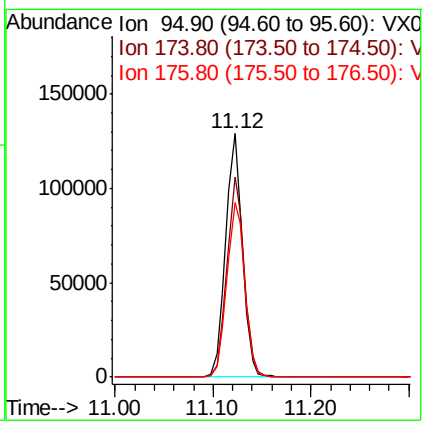


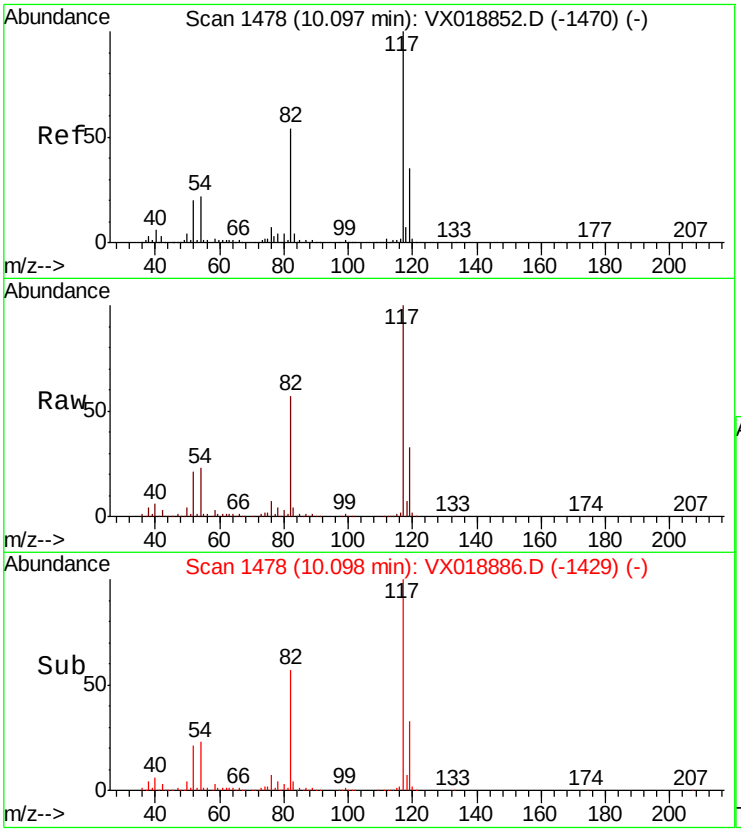


#62
4-Bromofluorobenzene
Concen: 47.844 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion: 95 Resp: 154280

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	160.0
176	76.3	0.0	161.2



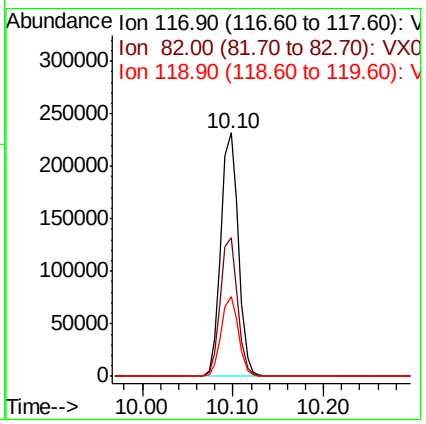


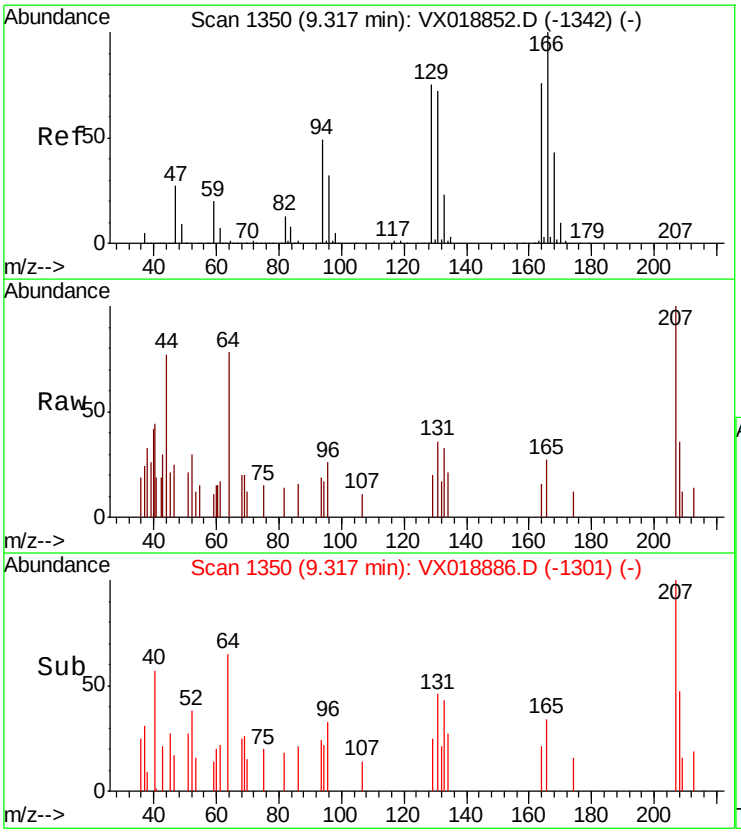
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion:117 Resp: 314080

Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.4	65.2
119	32.8	28.3	42.5

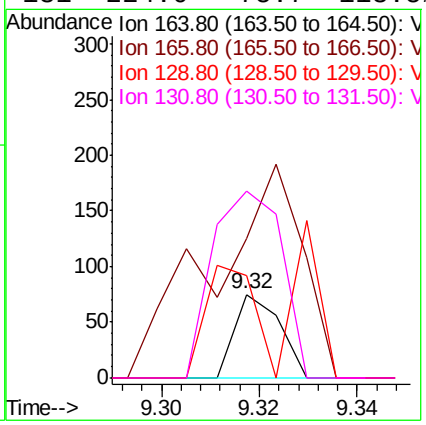


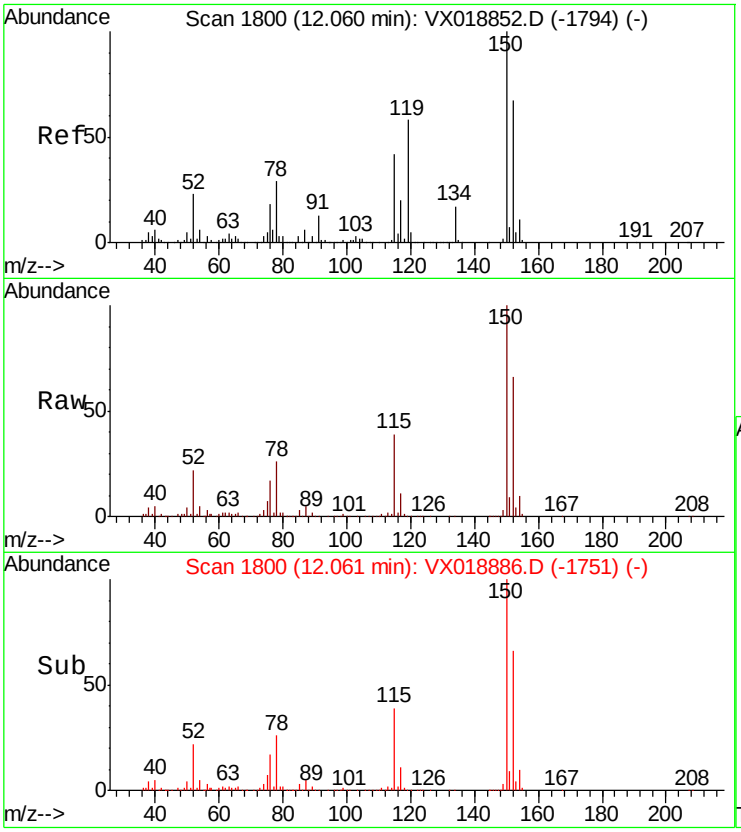


#64
Tetrachloroethene
Concen: Below Cal
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion:164 Resp: 48

Ion	Ratio	Lower	Upper
164	100		
166	166.7	105.4	158.0#
129	122.7	79.0	118.6#
131	224.0	75.7	113.5#



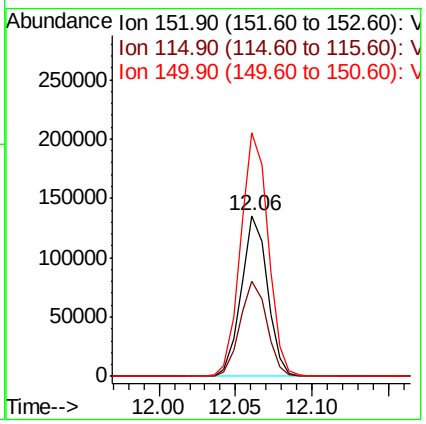


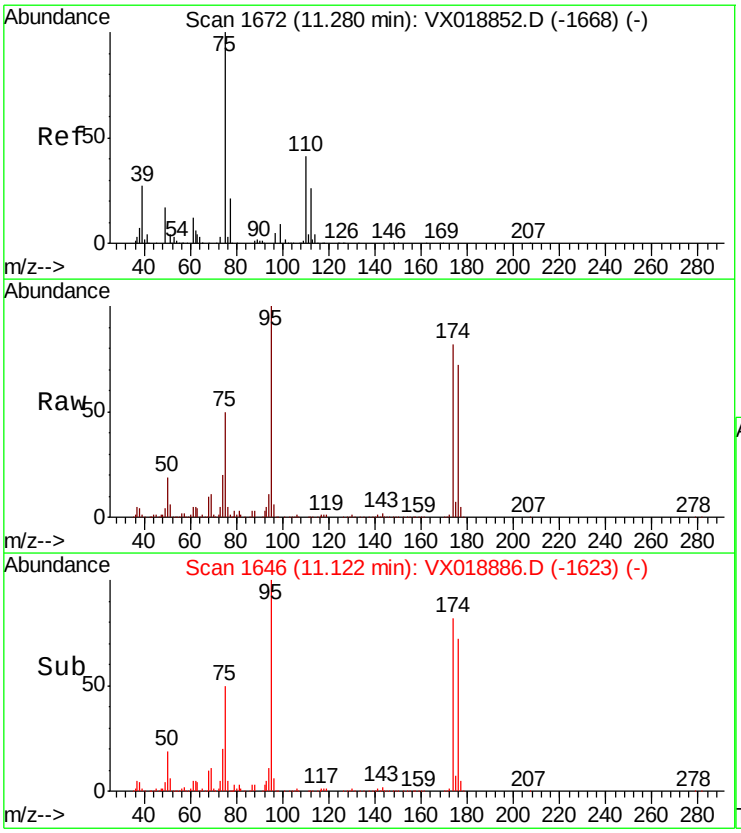
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion:152 Resp: 160574

Ion	Ratio	Lower	Upper
152	100		
115	60.6	41.8	125.4
150	158.8	0.0	347.6

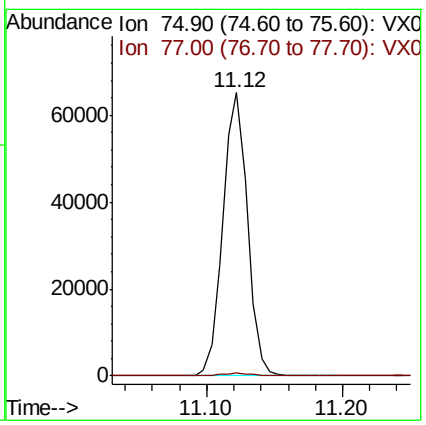


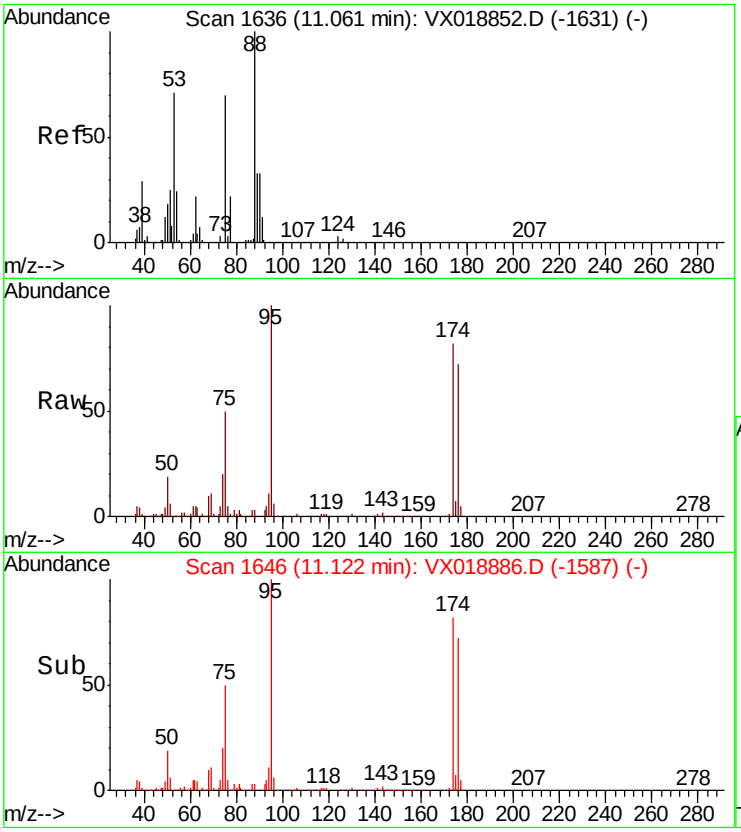


#76
1,2,3-Trichloropropane
Concen: 23.611 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion: 75 Resp: 81689

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#



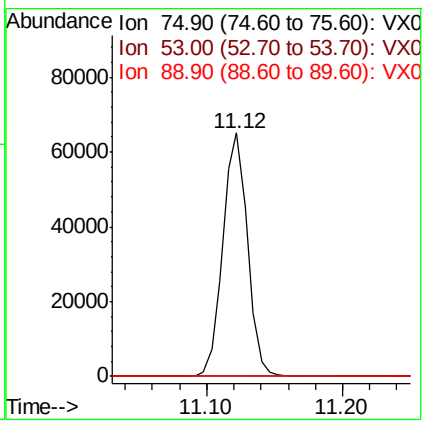


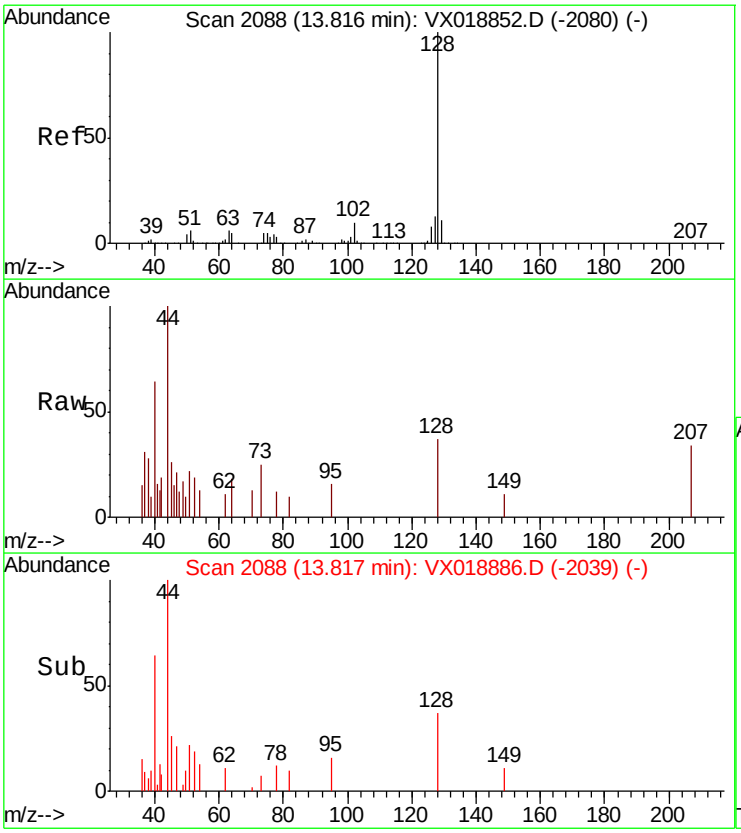
#81
trans-1,4-Dichloro-2-butene
Concen: 66.911 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I-20201002

Tgt Ion: 75 Resp: 81689

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.0	127.4#
89	0.2	39.0	58.4#





#95
Naphthalene
Concen: 3.095 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018886.D
Acq: 10 Oct 2020 04:21

Tgt Ion:128 Resp: 208

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