Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100920\
Data File : VX018888.D
Acq On : 10 Oct 2020 05:06
Operator : JC/SP
Sample : L4255-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FT-MW05S-20201001

Quant Time: Oct 10 06:30:26 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	193900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	311499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	296875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	153345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	149840	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.78%			
35) Dibromofluoromethane	5.47	113	111102	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.10%			
50) Toluene-d8	8.70	98	384831	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.96%			
62) 4-Bromofluorobenzene	11.12	95	143528	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.26	85	23	1.629	ug/l #	43
3) Chloromethane	1.31	50	2477	1.363	ug/l #	80
5) Bromomethane	1.65	94	353	0.312	ug/l #	45
6) Chloroethane	1.70	64	615	0.452	ug/l #	45
8) Diethyl Ether	2.07	74	130	1.144	ug/l	89
10) Methyl Iodide	2.50	142	156	4.062	ug/l #	55
11) Tert butyl alcohol	3.01	59	177	0.393	ug/l #	8
12) 1,1-Dichloroethene	2.34	96	40	0.727	ug/l #	1
13) Acrolein	2.28	56	323	0.862	ug/l #	34
16) Acetone	2.42	43	1680	Below Cal		93
18) Methyl Acetate	2.76	43	518	0.218	ug/l #	84
20) Methylene Chloride	2.82	84	252	0.626	ug/l #	34
25) 2-Butanone	4.62	43	373	0.241	ug/l #	50
28) Bromochloromethane	4.98	49	109	1.583	ug/l #	8
29) Tetrahydrofuran	5.06	42	219	0.264	ug/l #	69
31) Cyclohexane	5.63	56	4999	1.872	ug/l #	30
36) 1,1-Dichloropropene	5.62	75	16158	4.934	ug/l #	52
38) Carbon Tetrachloride	5.64	117	20828	5.131	ug/l #	18
49) 1,4-Dioxane	7.73	88	22	0.588	ug/l #	1
56) Ethyl methacrylate	9.15	69	119	2.966	ug/l #	18
64) Tetrachloroethene	9.31	164	87	Below Cal	#	46
76) 1,2,3-Trichloropropane	11.12	75	79123	23.947	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	79123	67.864	ug/l #	7
95) Naphthalene	13.82	128	311	3.105	ug/l #	77

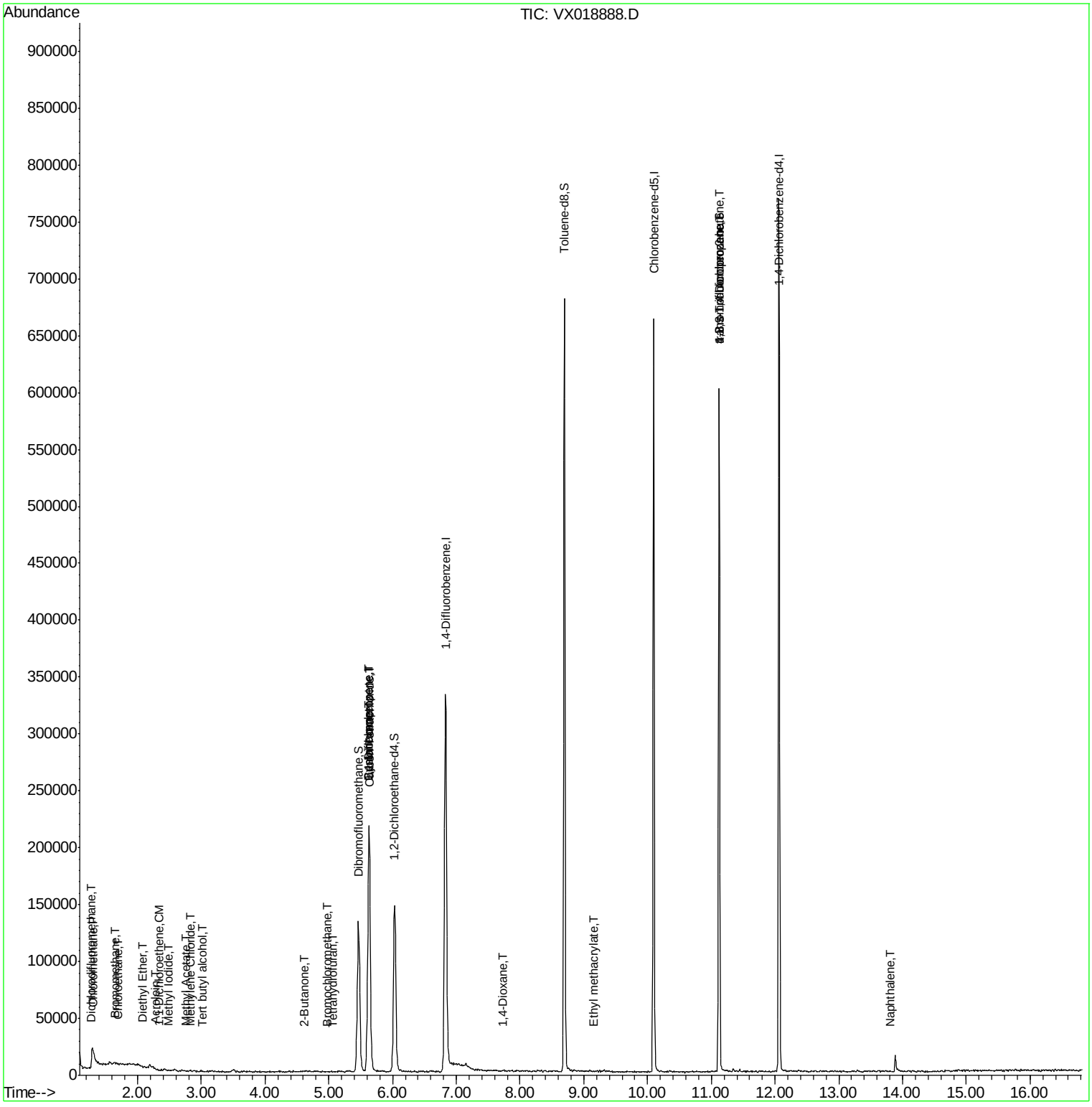
(#) = qualifier out of range (m) = manual integration (+) = signals summed

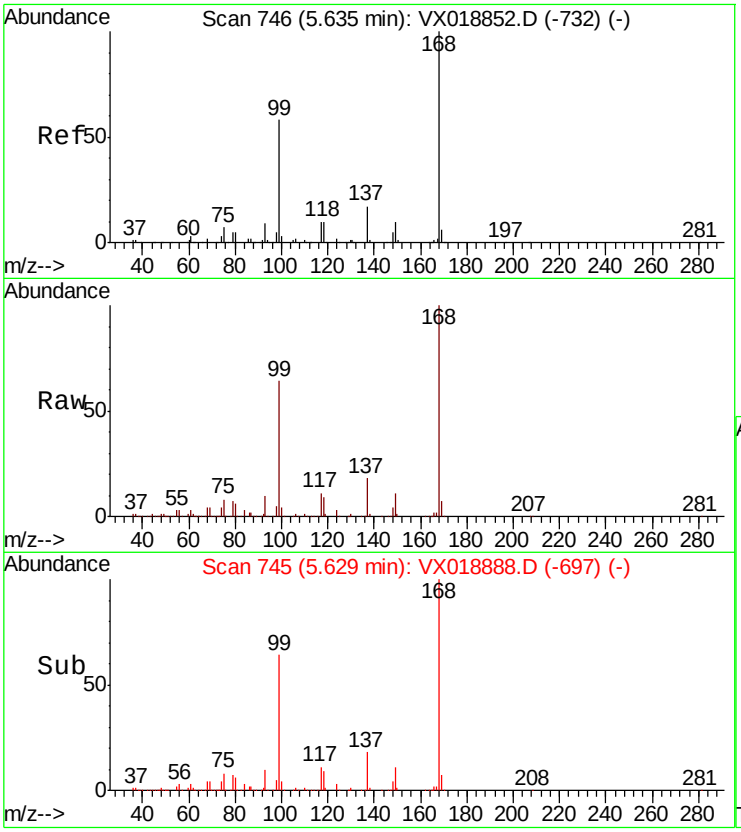
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100920\
Data File : VX018888.D
Acq On : 10 Oct 2020 05:06
Operator : JC/SP
Sample : L4255-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Quant Time: Oct 10 06:30:26 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



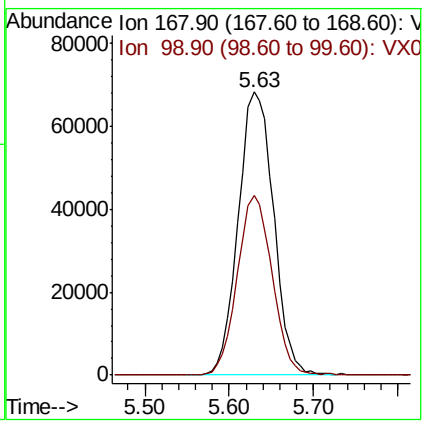


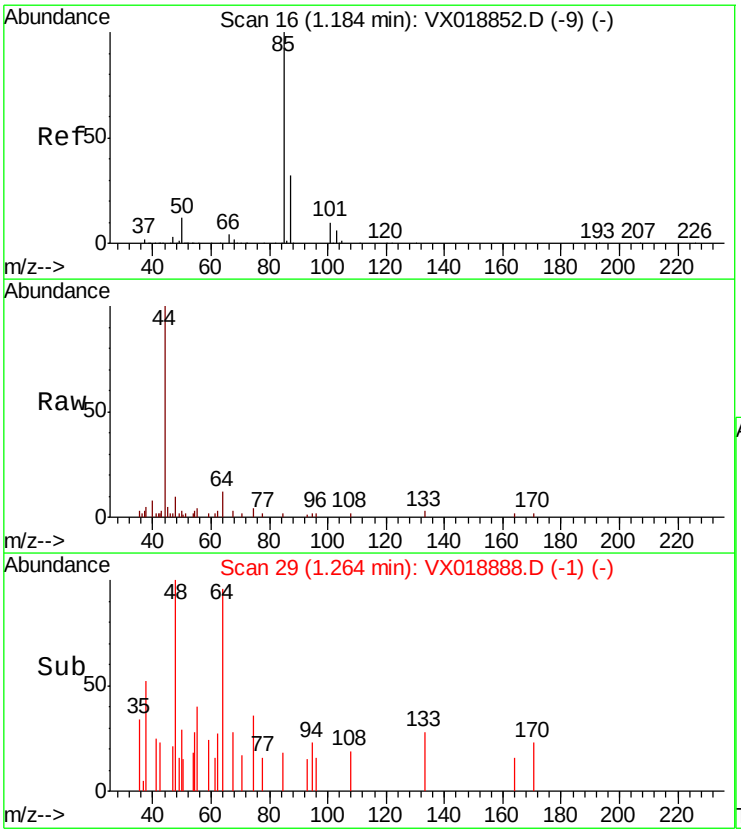
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion:168 Resp: 193900

Ion	Ratio	Lower	Upper
168	100		
99	63.6	46.1	69.1

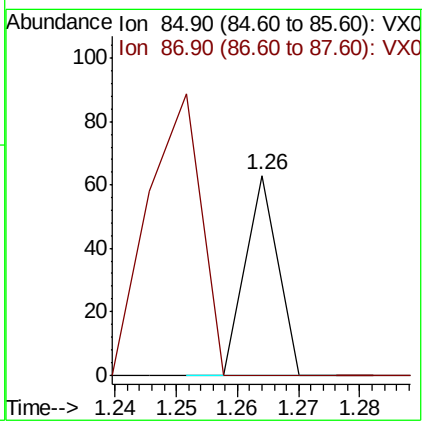


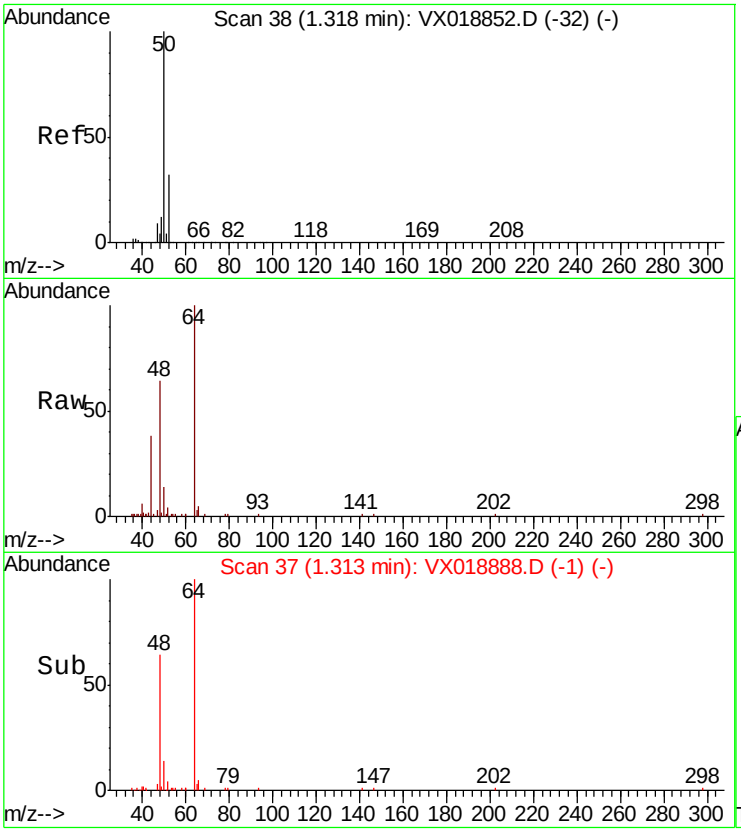


#2
Dichlorodifluoromethane
Concen: 1.629 ug/l
RT: 1.26 min Scan# 29
Delta R.T. 0.08 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion: 85 Resp: 23

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



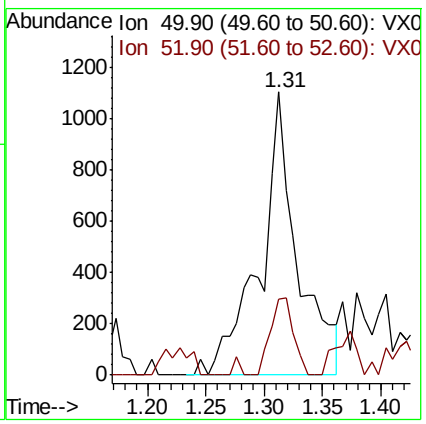


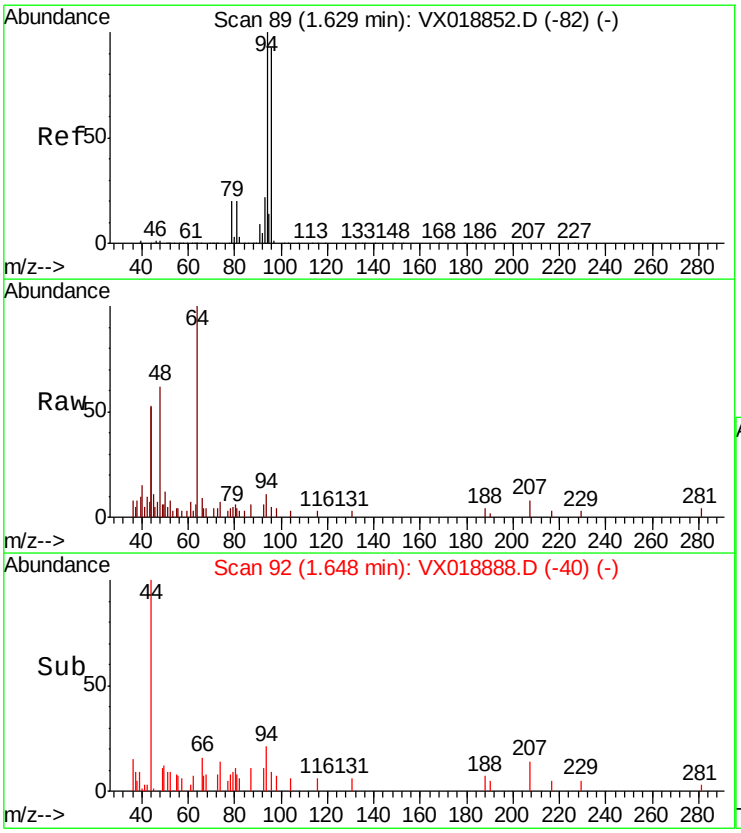
#3
Chloromethane
Concen: 1.363 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion: 50 Resp: 2477

Ion	Ratio	Lower	Upper
50	100		
52	20.5	25.2	37.8#

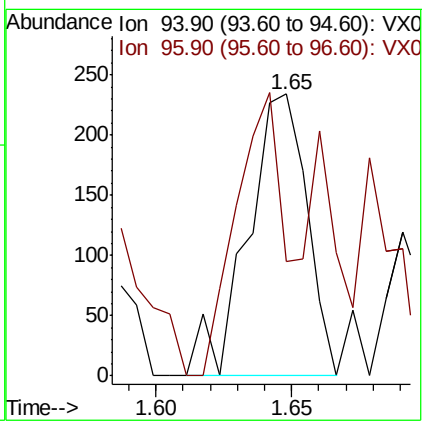


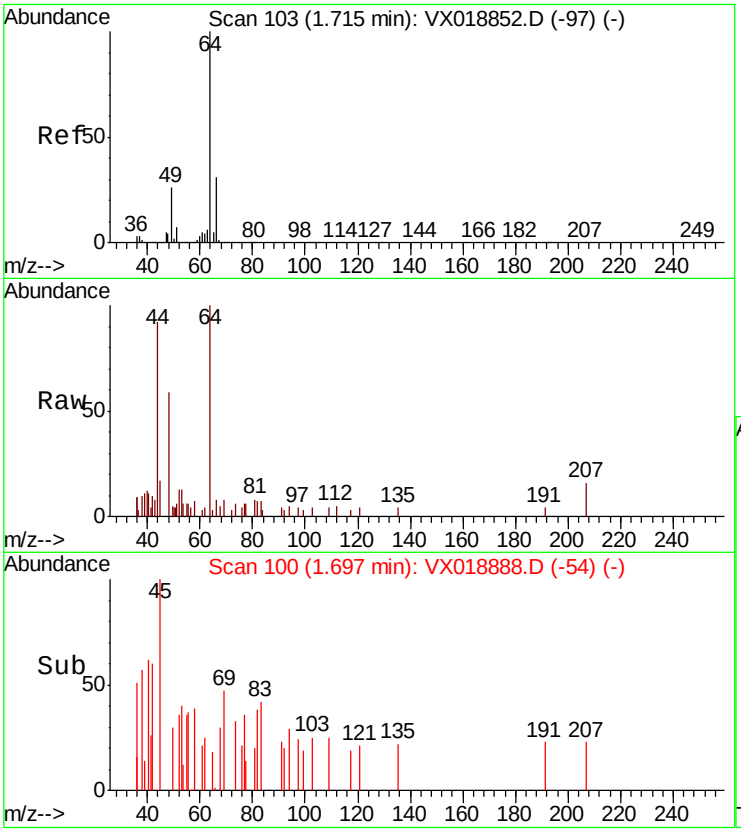


#5
Bromomethane
Concen: 0.312 ug/l
RT: 1.65 min Scan# 92
Delta R.T. 0.02 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion: 94 Resp: 353

Ion	Ratio	Lower	Upper
94	100		
96	40.6	74.5	111.7#



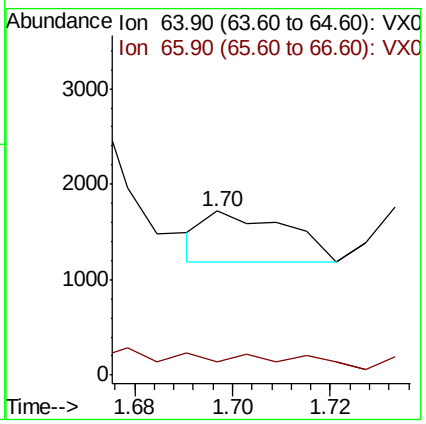


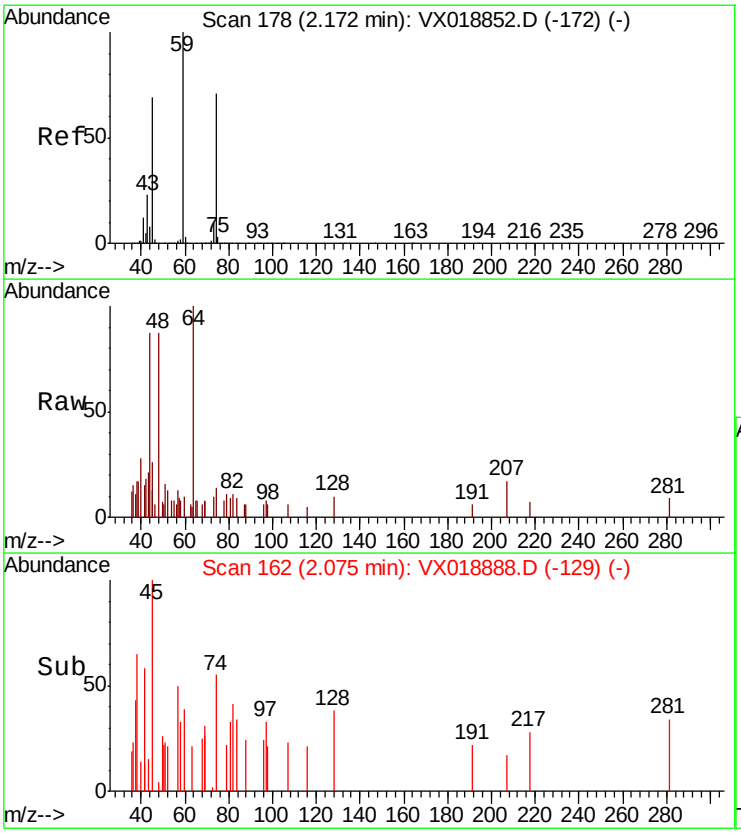
#6
Chloroethane
Concen: 0.452 ug/l
RT: 1.70 min Scan# 100
Delta R.T. -0.02 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion: 64 Resp: 615

Ion	Ratio	Lower	Upper
64	100		
66	0.6	24.7	37.1#

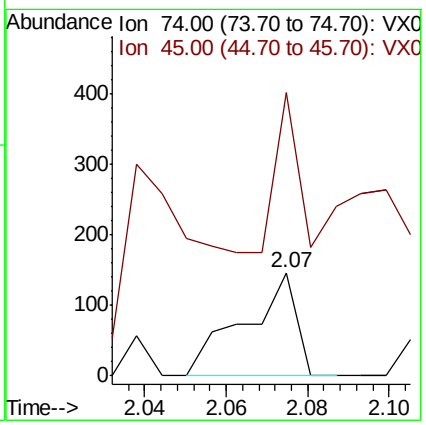


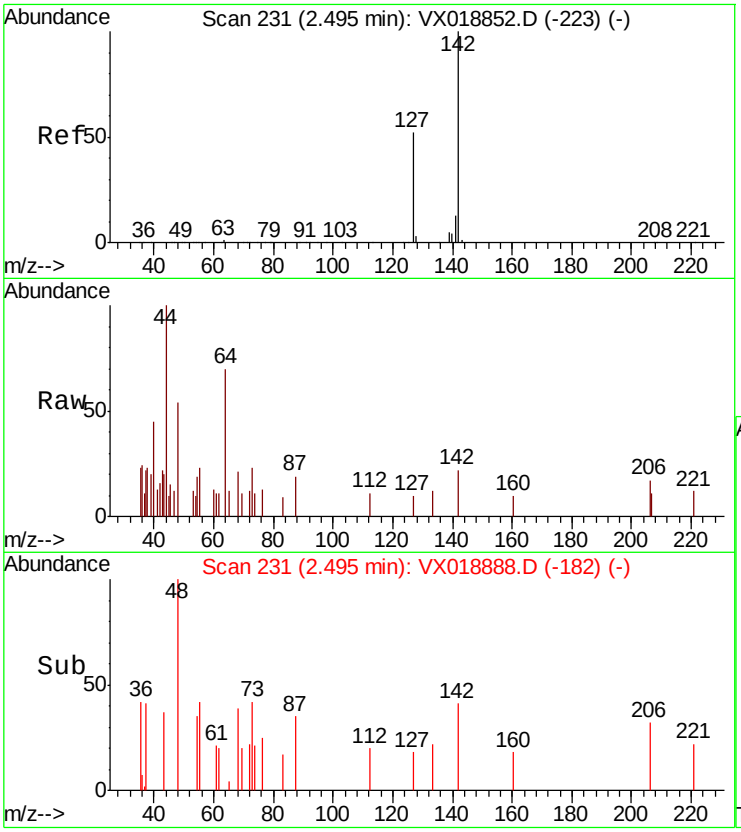


#8
Diethyl Ether
Concen: 1.144 ug/l
RT: 2.07 min Scan# 162
Delta R.T. -0.10 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion: 74 Resp: 130

Ion	Ratio	Lower	Upper
74	100		
45	83.8	47.0	141.2



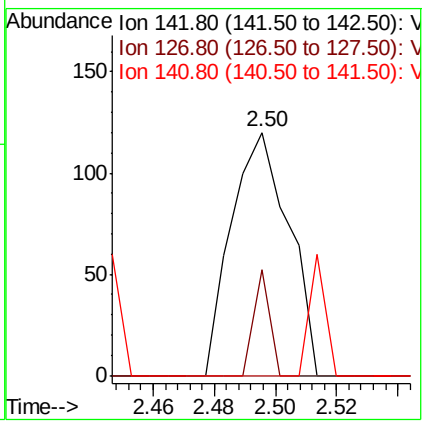


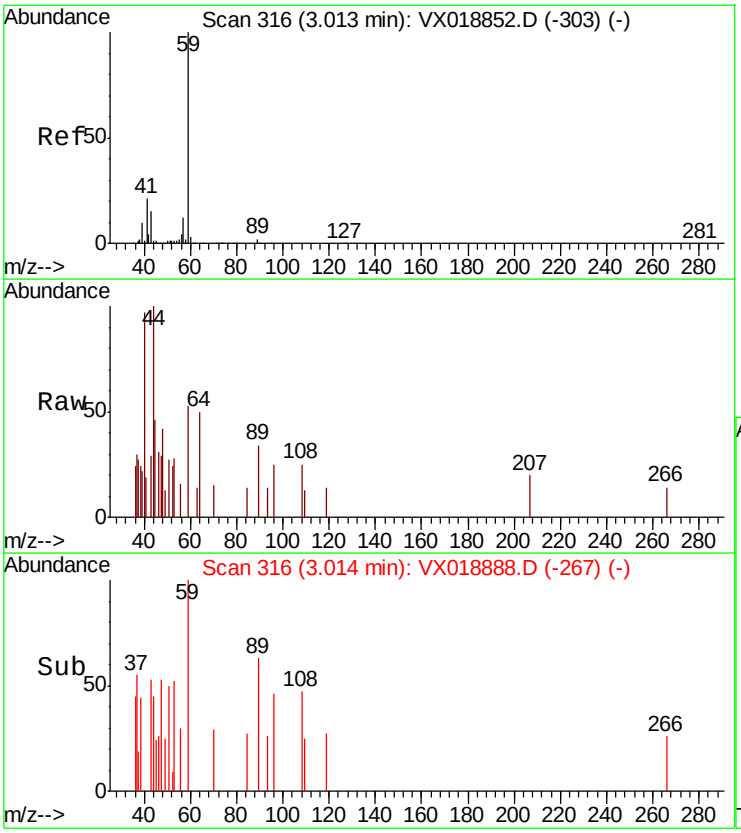
#10
Methyl Iodide
Concen: 4.062 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion:142 Resp: 156

Ion	Ratio	Lower	Upper
142	100		
127	12.2	42.0	63.0#
141	14.1	11.8	17.6

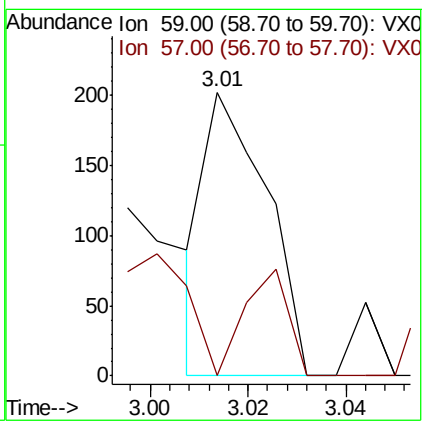


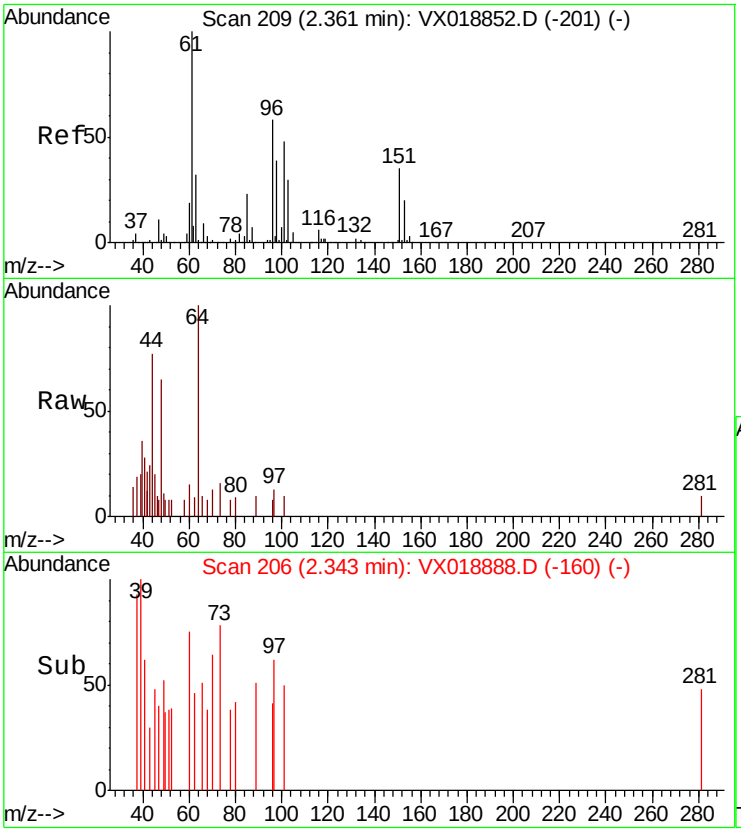


#11
Tert butyl alcohol
Concen: 0.393 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion: 59 Resp: 177

Ion	Ratio	Lower	Upper
59	100		
57	46.3	9.0	13.6#



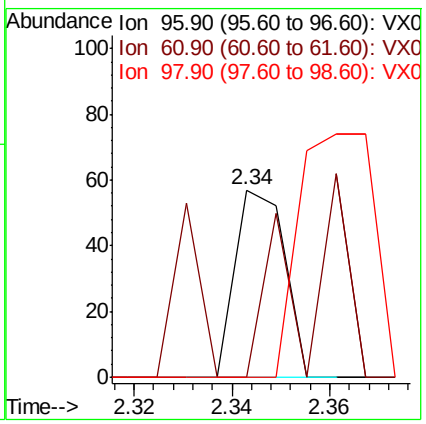


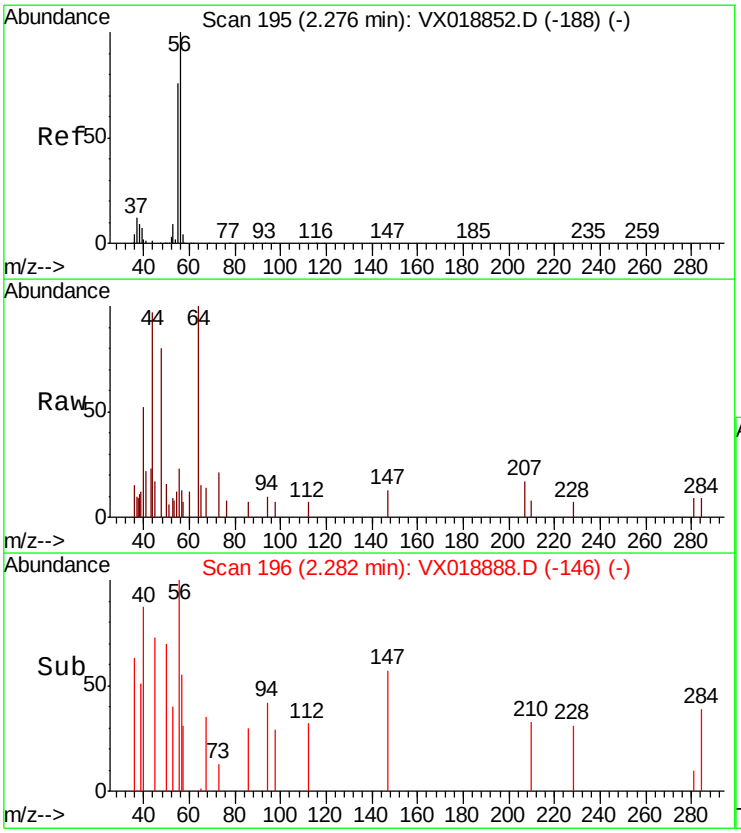
#12
1,1-Dichloroethene
Concen: 0.727 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.02 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion: 96 Resp: 40

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

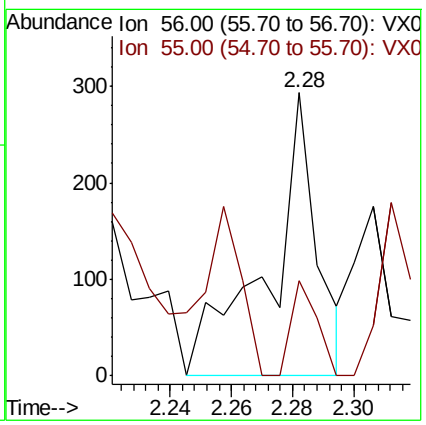


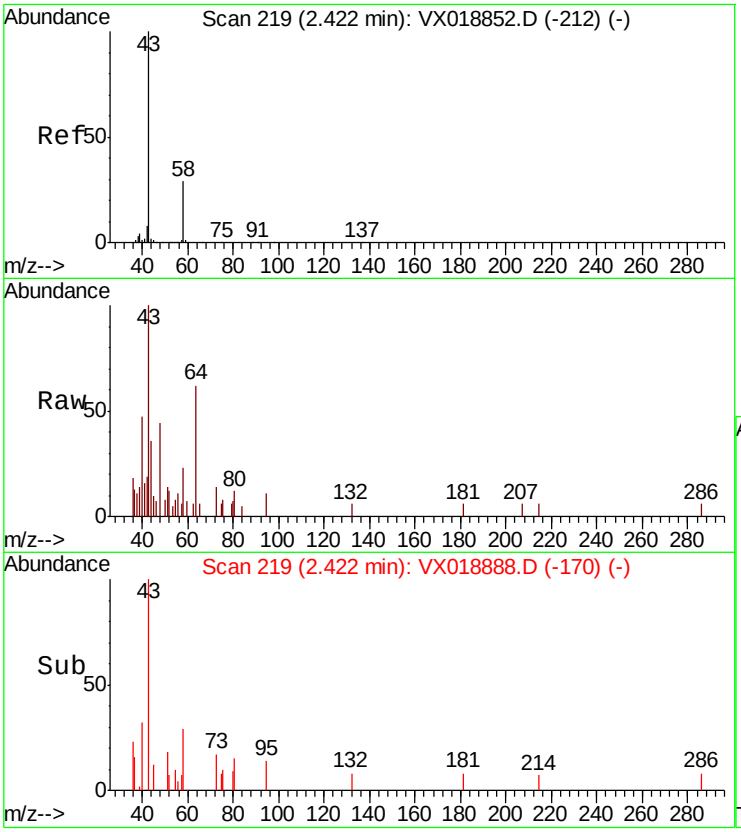


#13
Acrolein
Concen: 0.862 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion: 56 Resp: 323

Ion	Ratio	Lower	Upper
56	100		
55	18.0	58.6	87.8#



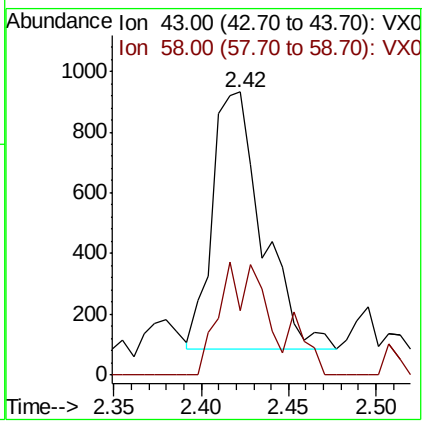


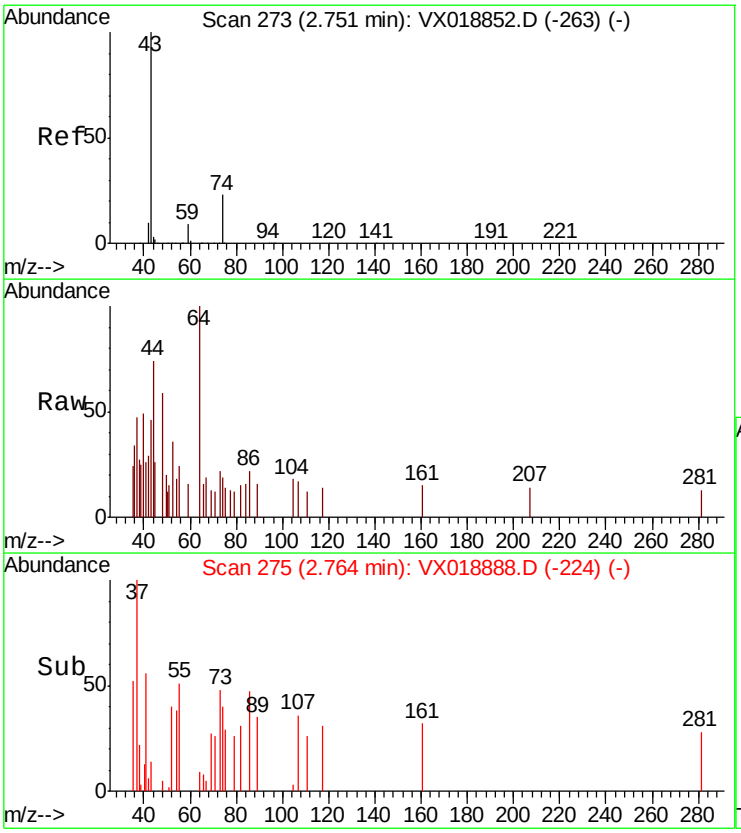
#16
Acetone
Concen: Below Cal
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion: 43 Resp: 1680

Ion	Ratio	Lower	Upper
43	100		
58	25.1	23.0	34.4

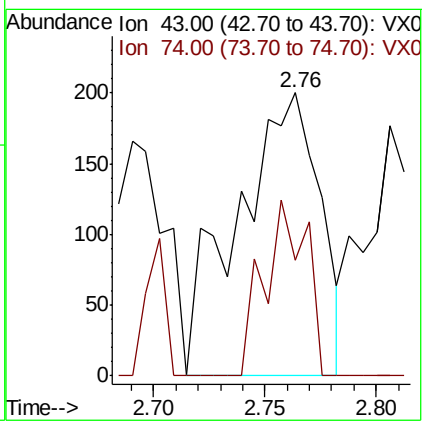


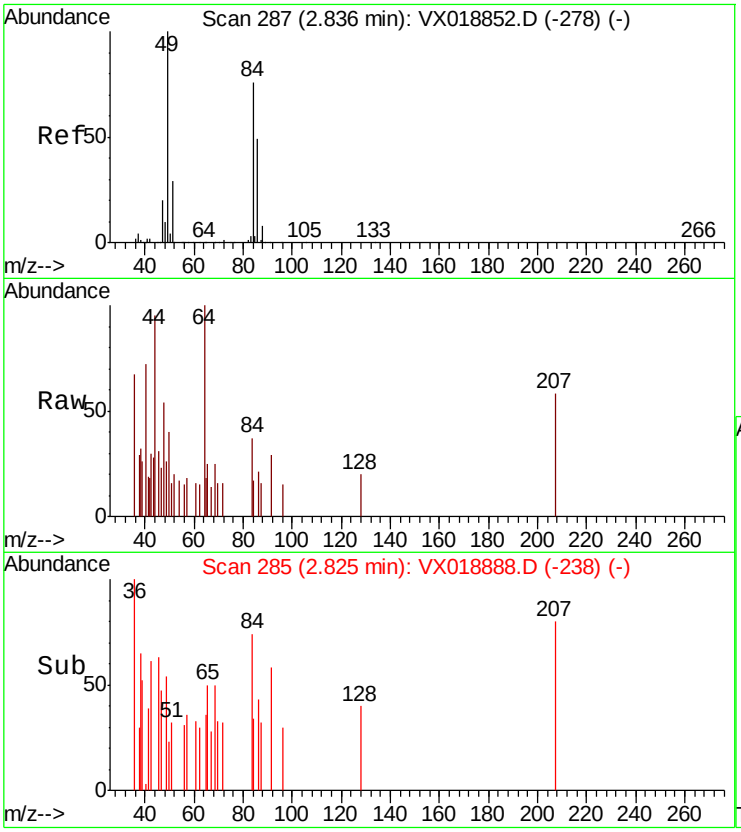


#18
Methyl Acetate
Concen: 0.218 ug/l
RT: 2.76 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion: 43 Resp: 518

Ion	Ratio	Lower	Upper
43	100		
74	31.7	18.9	28.3#



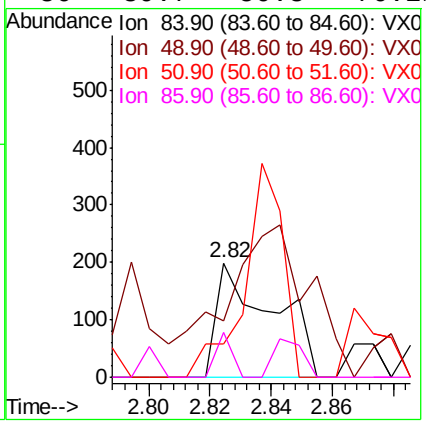


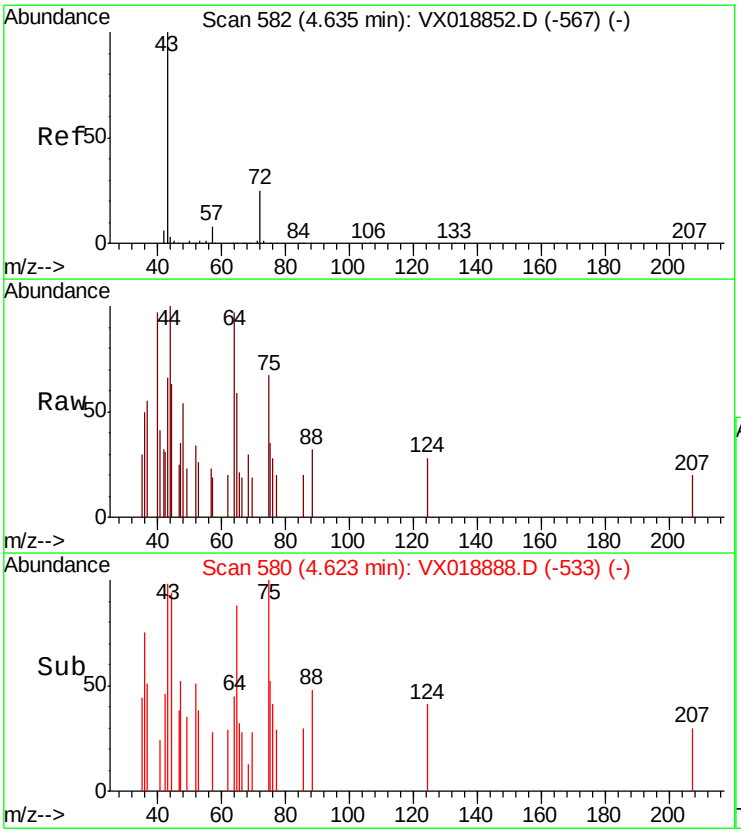
#20
Methylene Chloride
Concen: 0.626 ug/l
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion: 84 Resp: 252

Ion	Ratio	Lower	Upper
84	100		
49	15.1	104.8	157.2#
51	29.6	30.6	46.0#
86	39.7	50.8	76.2#

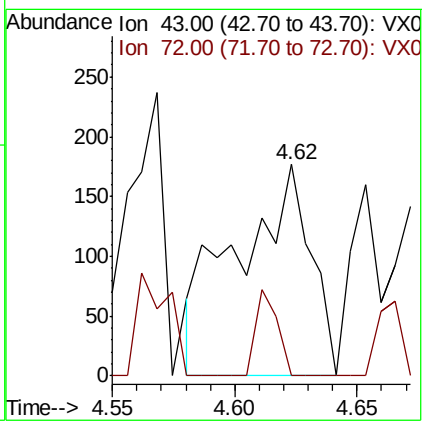


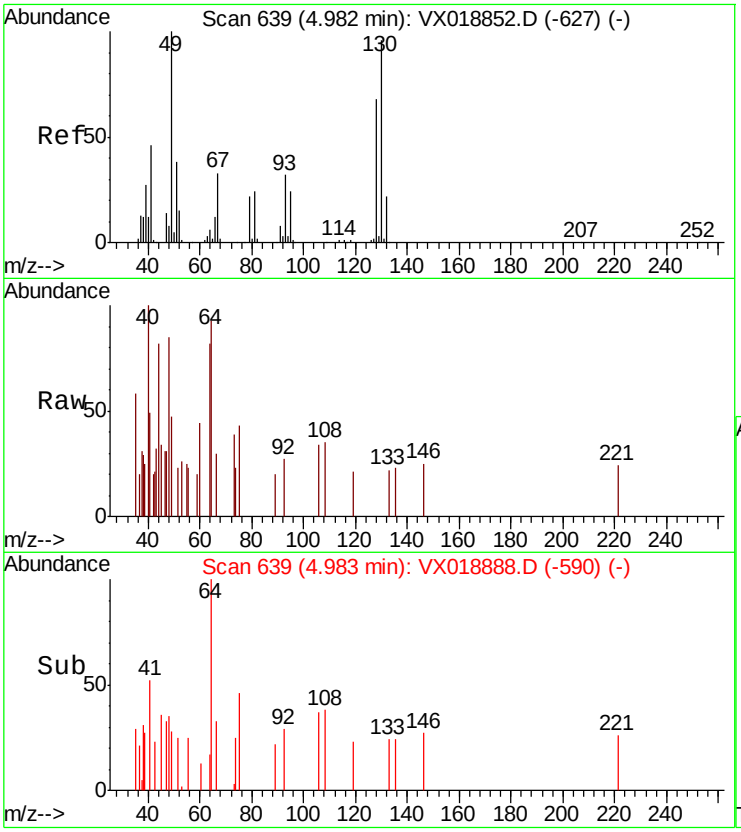


#25
2-Butanone
Concen: 0.241 ug/l
RT: 4.62 min Scan# 580
Delta R.T. -0.01 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion: 43 Resp: 373

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.4#



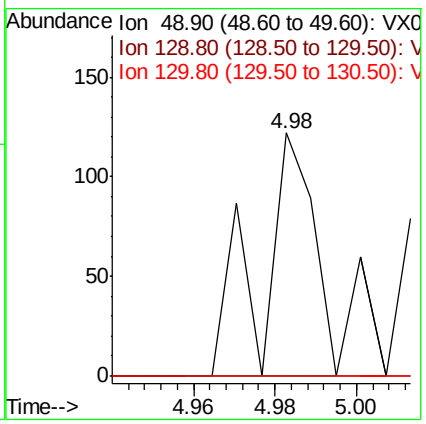


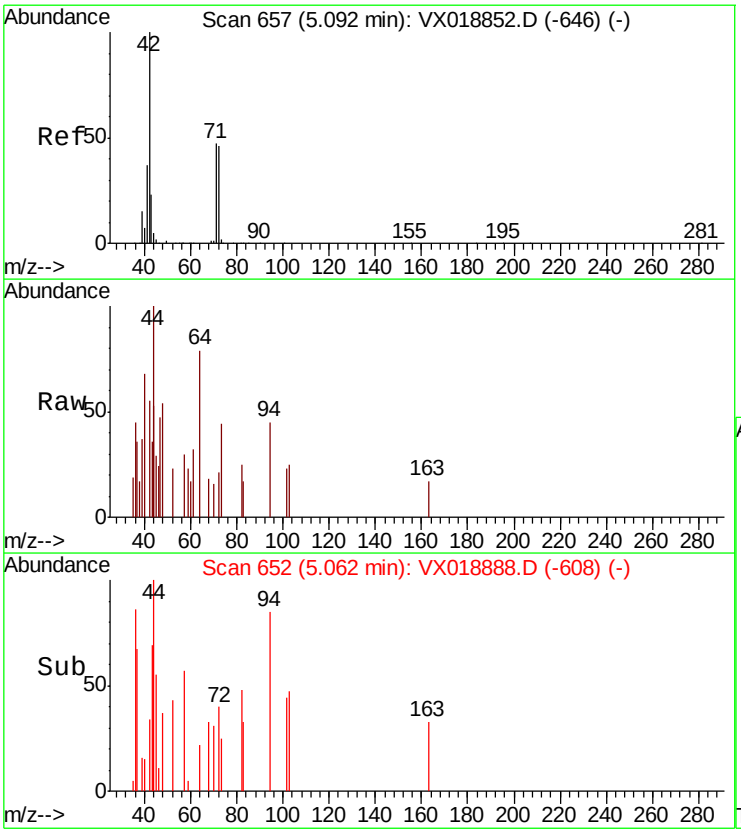
#28
Bromochloromethane
Concen: 1.583 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion: 49 Resp: 109

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

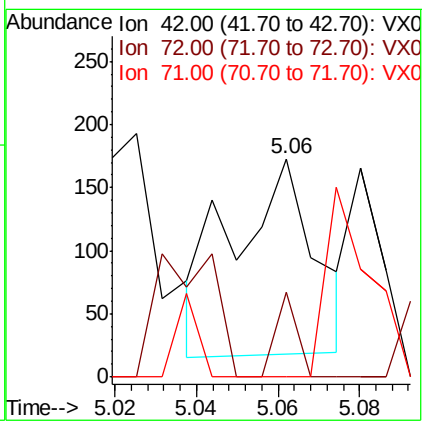


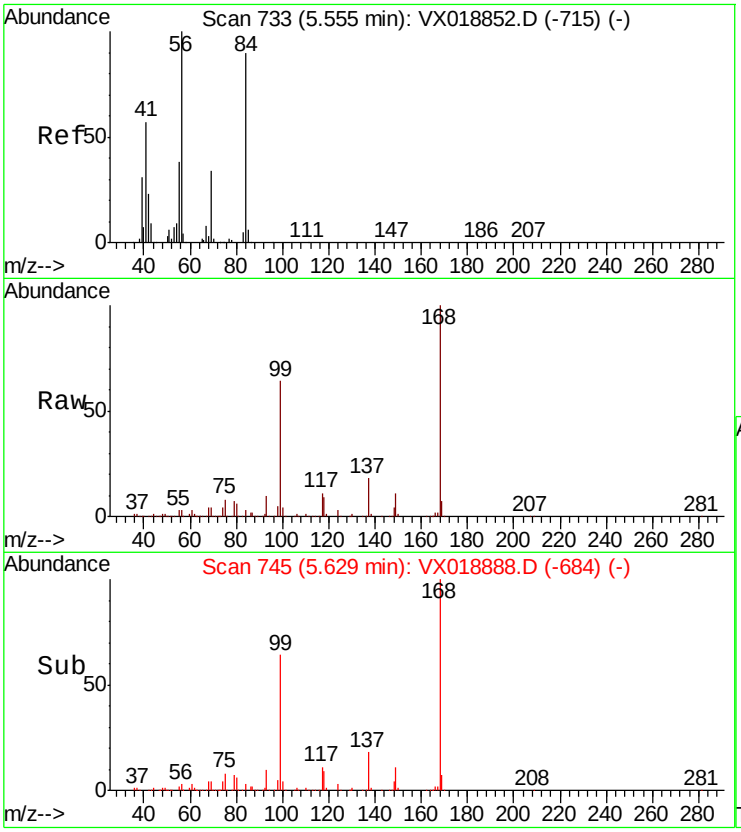


#29
Tetrahydrofuran
Concen: 0.264 ug/l
RT: 5.06 min Scan# 652
Delta R.T. -0.03 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion: 42 Resp: 219

Ion	Ratio	Lower	Upper
42	100		
72	11.4	36.4	54.6#
71	50.7	35.2	52.8



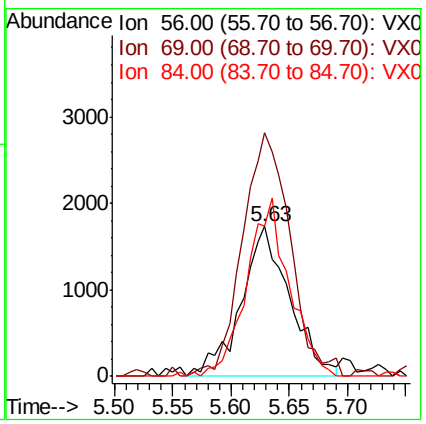


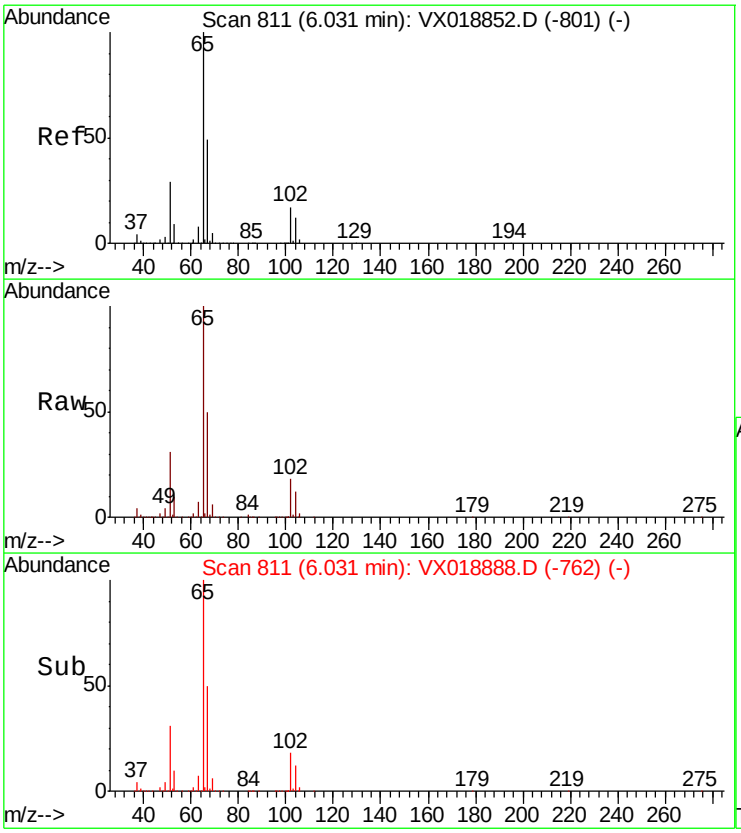
#31
Cyclohexane
Concen: 1.872 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.07 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion: 56 Resp: 4999

Ion	Ratio	Lower	Upper
56	100		
69	162.4	27.1	40.7#
84	100.0	71.7	107.5

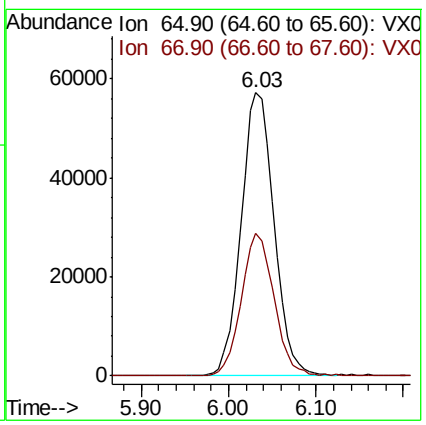


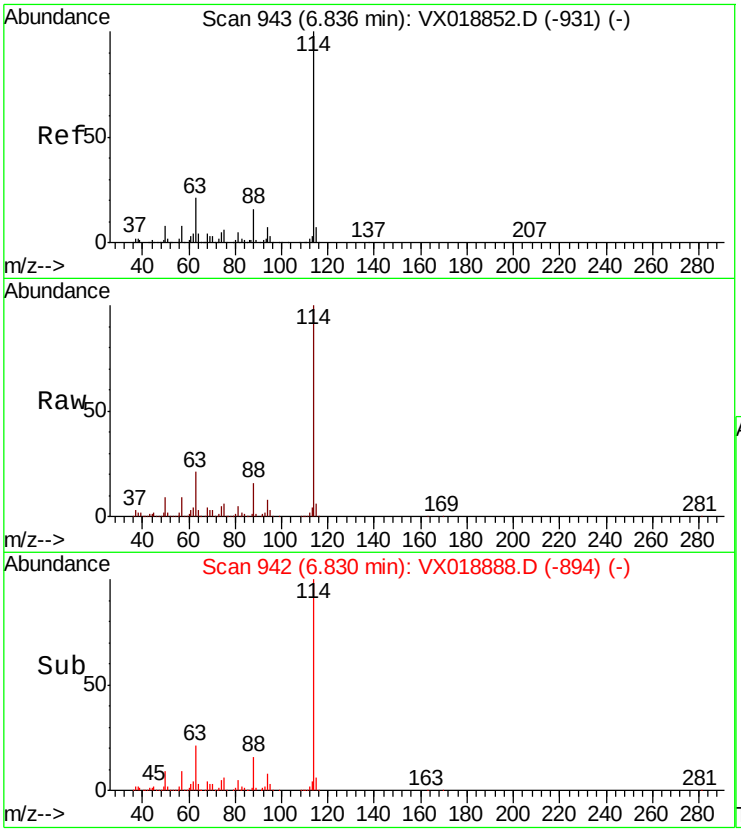


#33
1,2-Dichloroethane-d4
Concen: 52.395 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion: 65 Resp: 149840

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	97.0



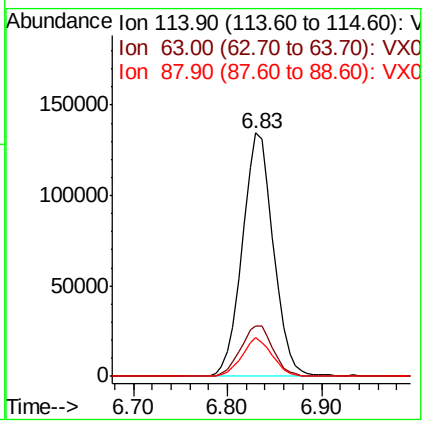


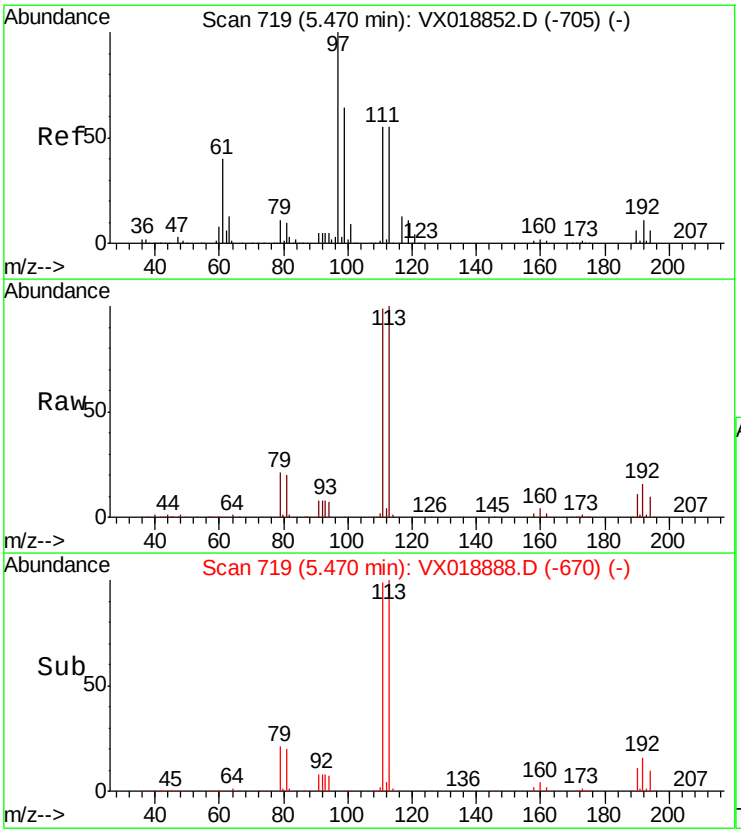
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion:114 Resp: 311499

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.4
88	15.7	0.0	32.6

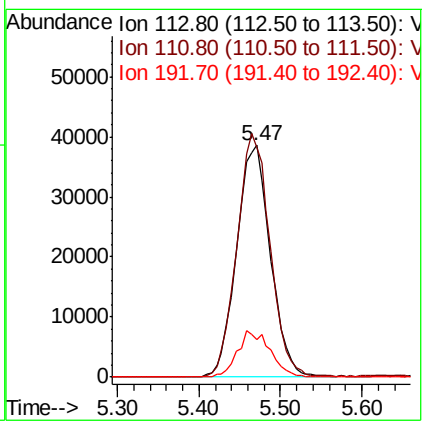


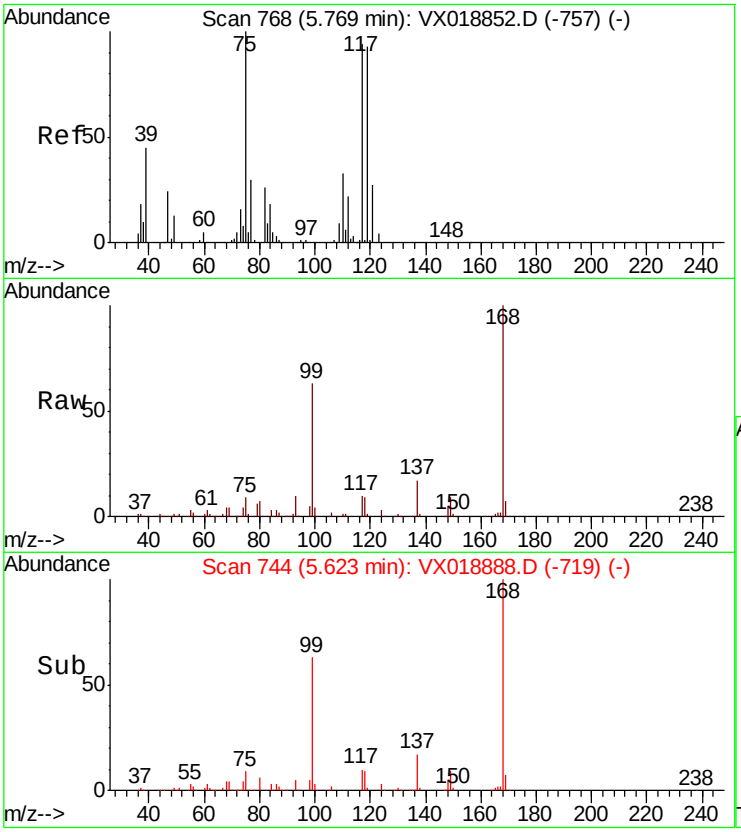


#35
Dibromofluoromethane
Concen: 50.047 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion:113 Resp: 111102

Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.1	120.1
192	19.2	16.0	24.0



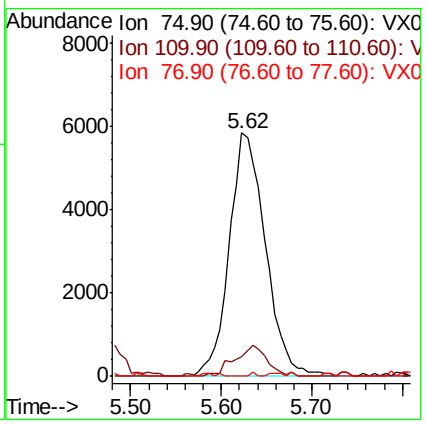


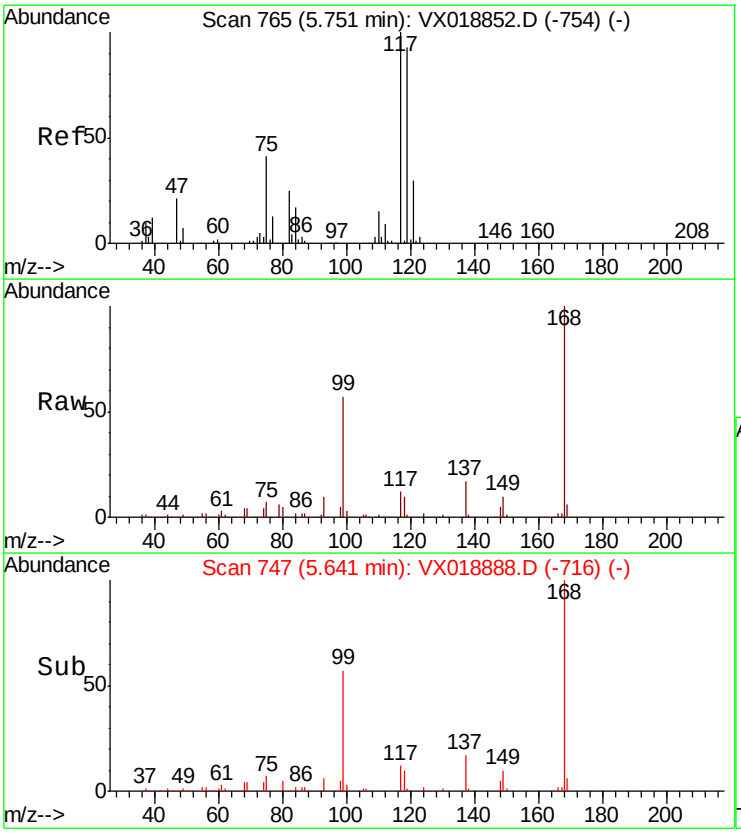
#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.15 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion: 75 Resp: 16158

Ion	Ratio	Lower	Upper
75	100		
110	11.5	17.8	53.5#
77	0.2	24.2	36.4#

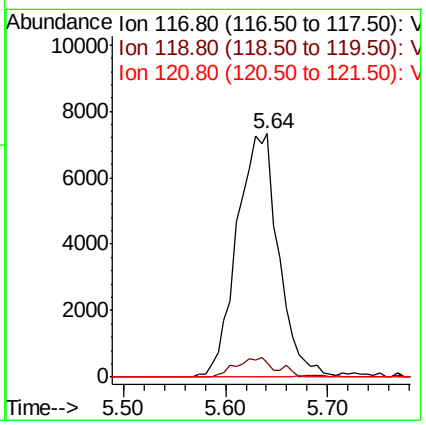


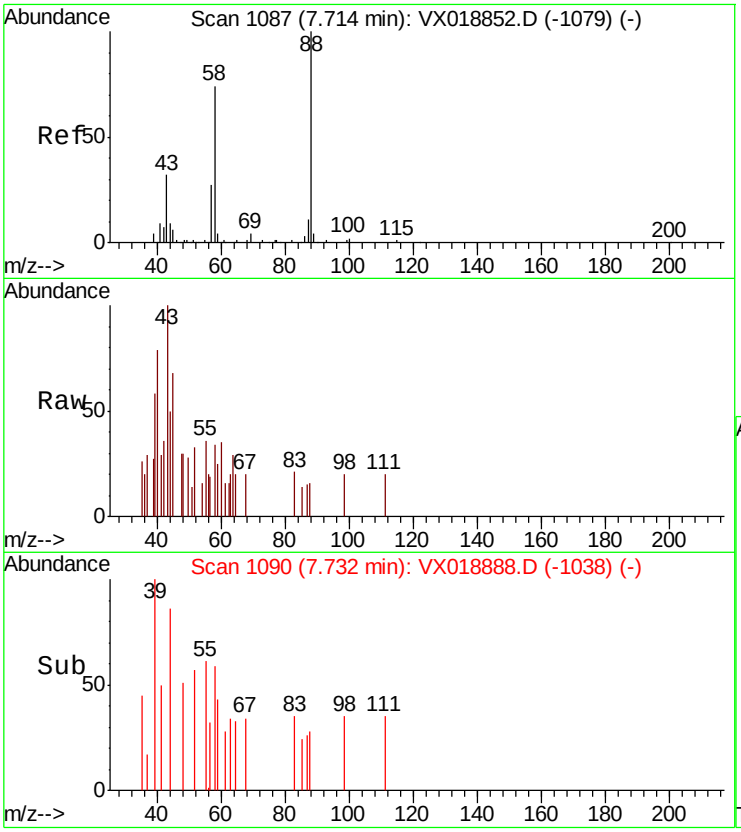


#38
Carbon Tetrachloride
Concen: 5.131 ug/l
RT: 5.64 min Scan# 747
Delta R.T. -0.11 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion:117 Resp: 20828

Ion	Ratio	Lower	Upper
117	100		
119	6.1	73.9	110.9#
121	0.0	23.6	35.4#



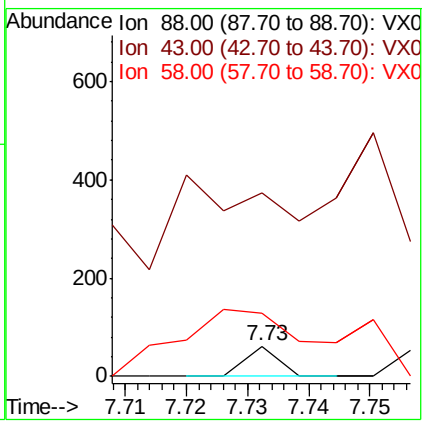


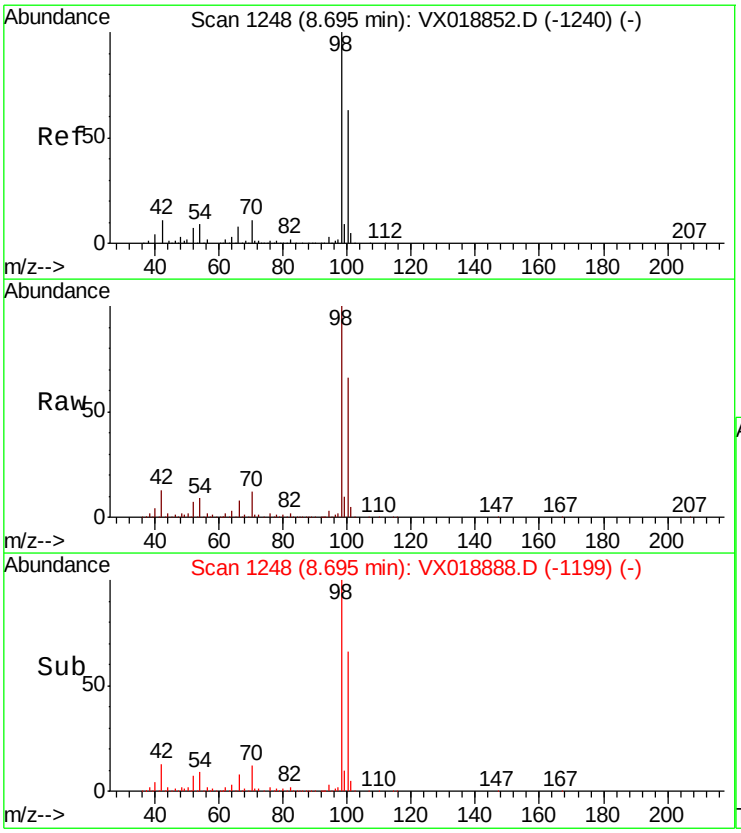
#49
1,4-Dioxane
Concen: 0.588 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	945.5	31.0	46.6#
58	1213.6	59.3	88.9#

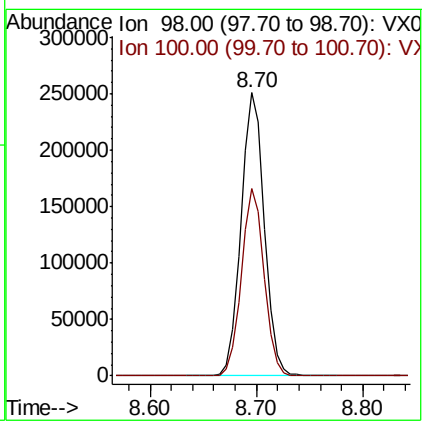


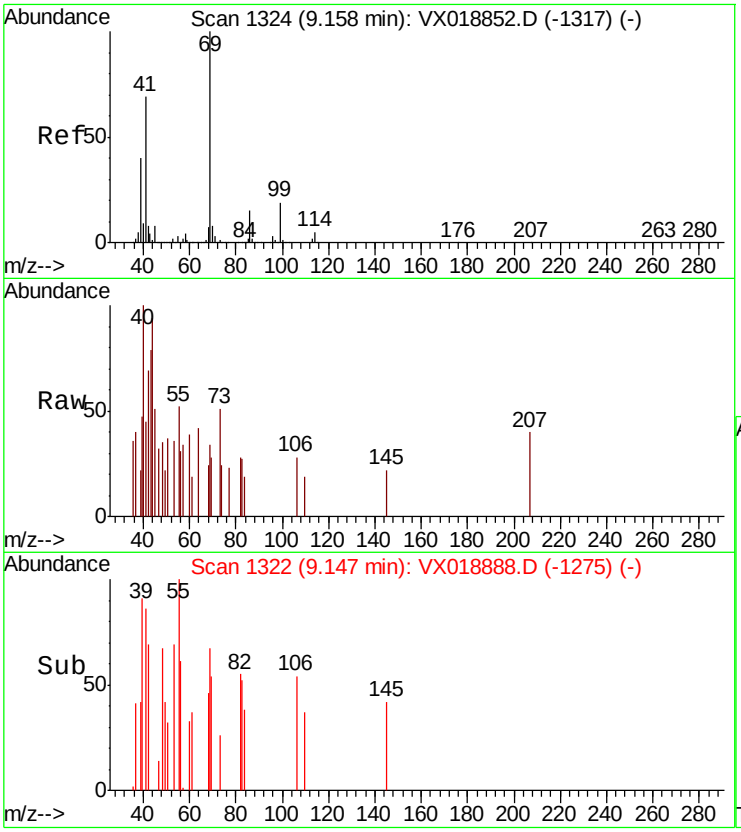


#50
Toluene-d8
Concen: 49.975 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion: 98 Resp: 384831

Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.1	79.7



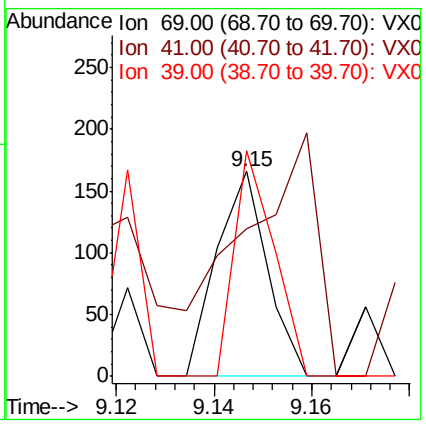


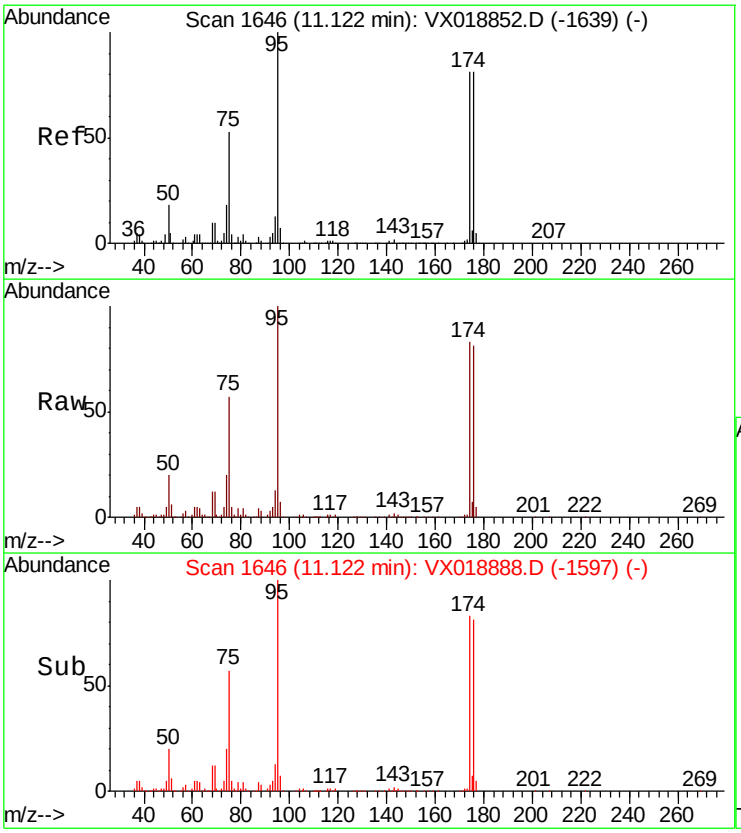
#56
Ethyl methacrylate
Concen: 2.966 ug/l
RT: 9.15 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument : MSVOA_X
ClientSampleId : FT-MW05S-20201001

Tgt Ion: 69 Resp: 119

Ion	Ratio	Lower	Upper
69	100		
41	0.0	54.6	81.8#
39	87.4	31.5	47.3#

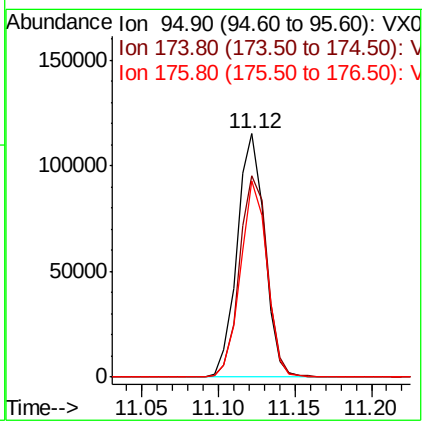


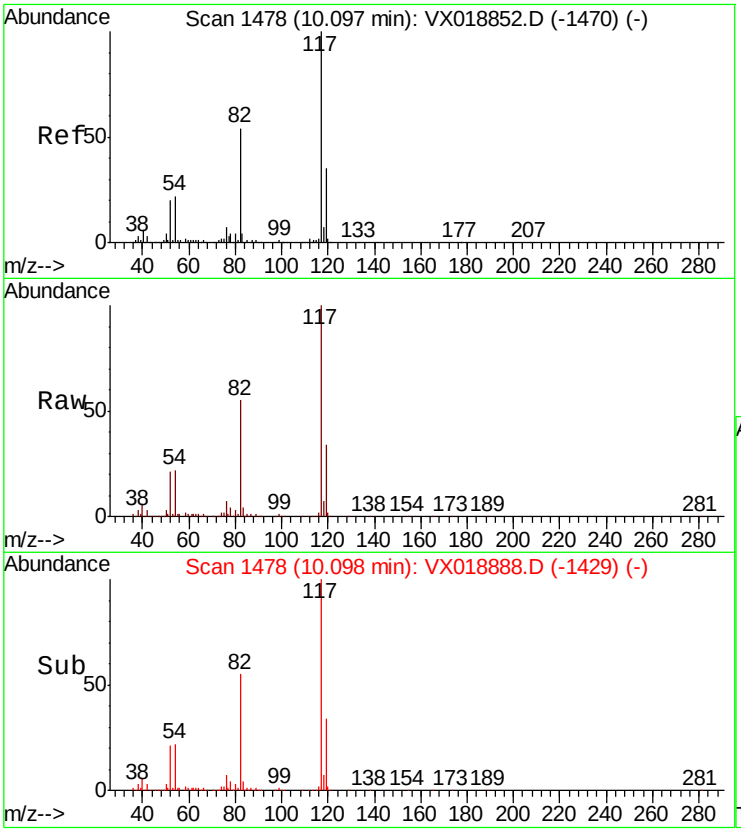


#62
4-Bromofluorobenzene
Concen: 46.766 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion: 95 Resp: 143528

Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	160.0
176	78.2	0.0	161.2



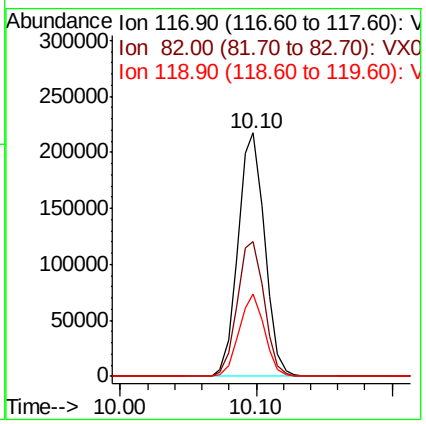


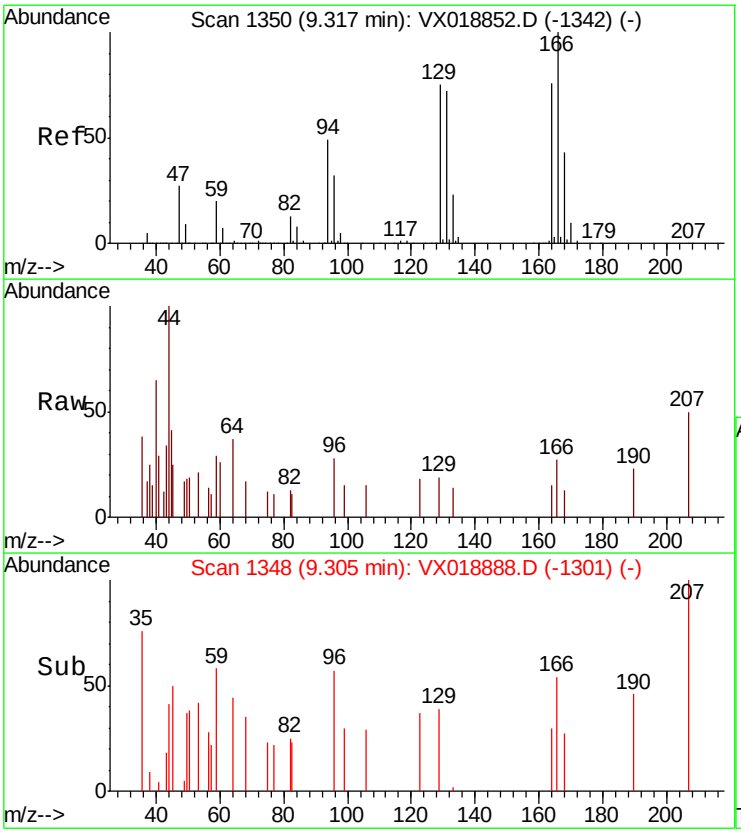
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument : MSVOA_X
ClientSampleId : FT-MW05S-20201001

Tgt Ion:117 Resp: 296875

Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.4	65.2
119	33.7	28.3	42.5

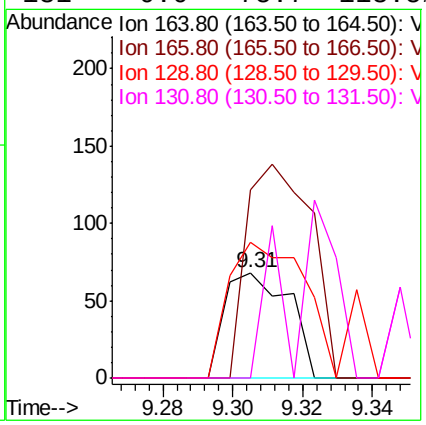


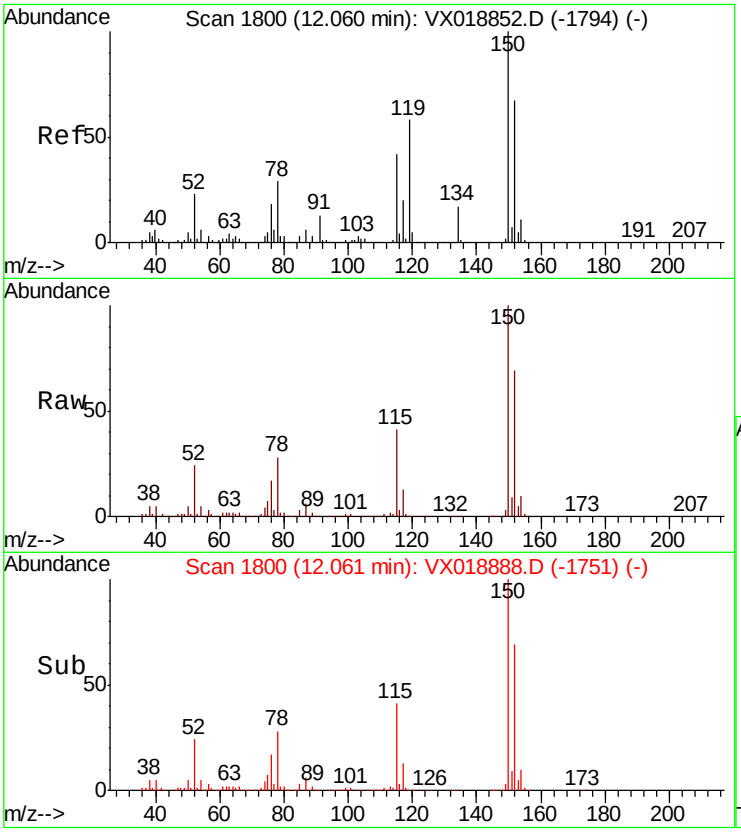


#64
Tetrachloroethene
Concen: Below Cal
RT: 9.31 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion:164 Resp: 87

Ion	Ratio	Lower	Upper
164	100		
166	179.4	105.4	158.0#
129	129.4	79.0	118.6#
131	0.0	75.7	113.5#



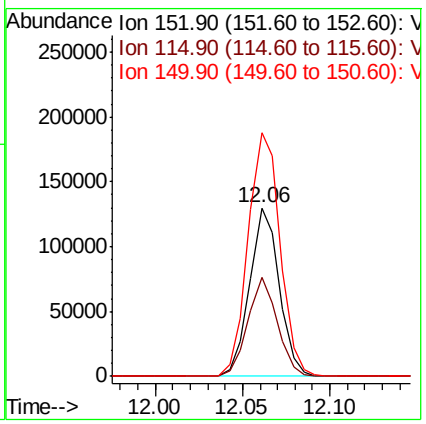


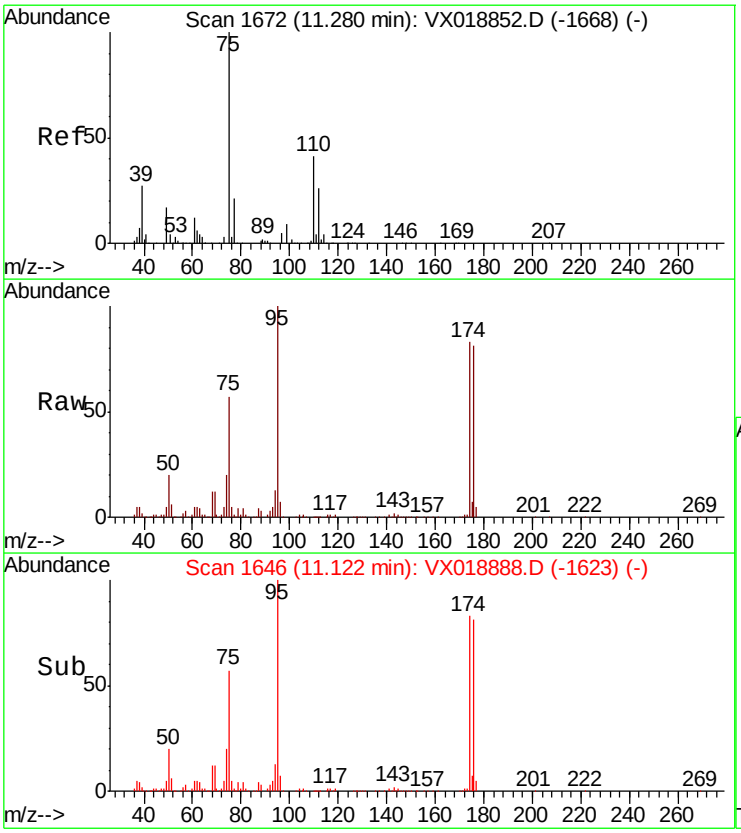
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion:152 Resp: 153345

Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.8	125.4
150	155.9	0.0	347.6

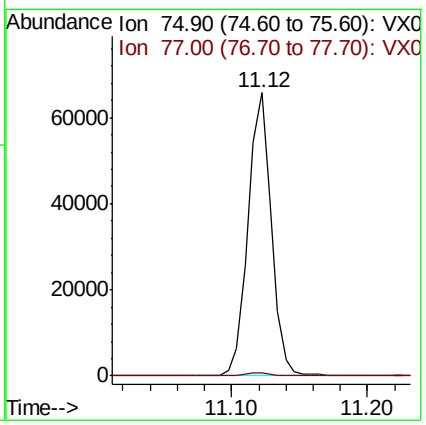


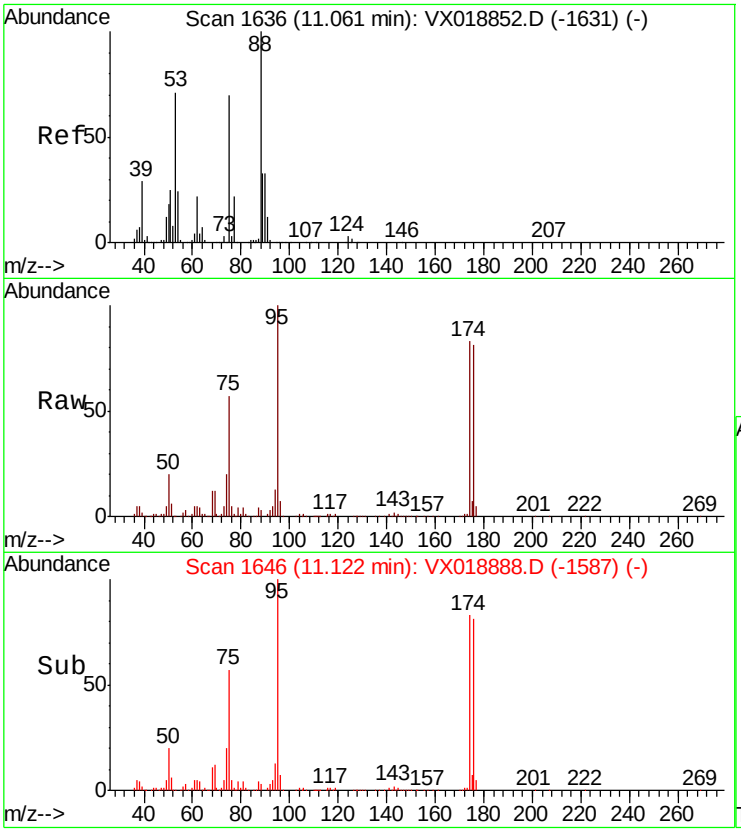


#76
1,2,3-Trichloropropane
Concen: 23.947 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion: 75 Resp: 79123

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.2	60.6#



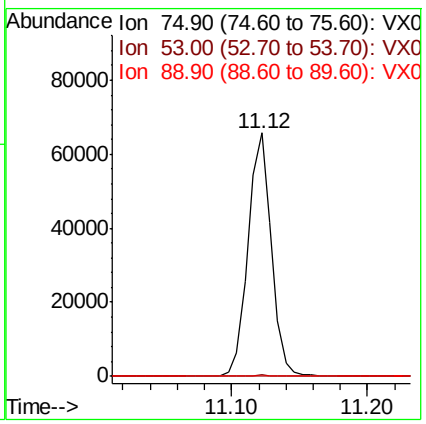


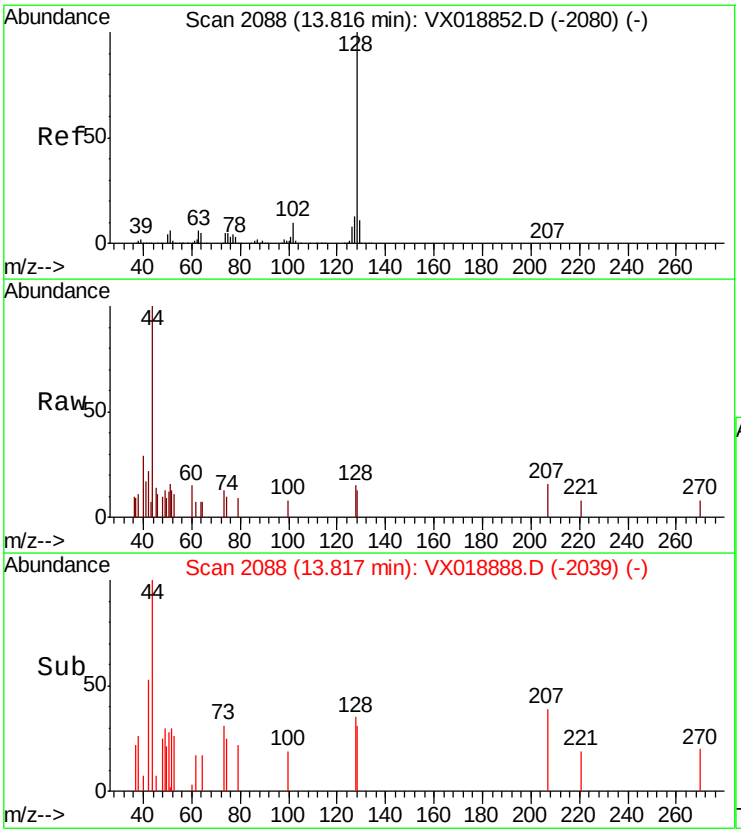
#81
trans-1,4-Dichloro-2-butene
Concen: 67.864 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Instrument :
MSVOA_X
ClientSampleId :
FT-MW05S-20201001

Tgt Ion: 75 Resp: 79123

Ion	Ratio	Lower	Upper
75	100		
53	0.5	85.0	127.4#
89	0.0	39.0	58.4#





#95
Naphthalene
Concen: 3.105 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018888.D
Acq: 10 Oct 2020 05:06

Tgt Ion:128 Resp: 311

Ion	Ratio	Lower	Upper
128	100		
127	5.8	10.1	15.1#
129	0.0	8.6	13.0#