Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022519\
Data File : VF061737.D
Acq On : 25 Feb 2019 18:31
Operator : VA/AP
Sample : K1610-07
Misc : 5.44g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : WV-D

Quant Time: Feb 26 04:48:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

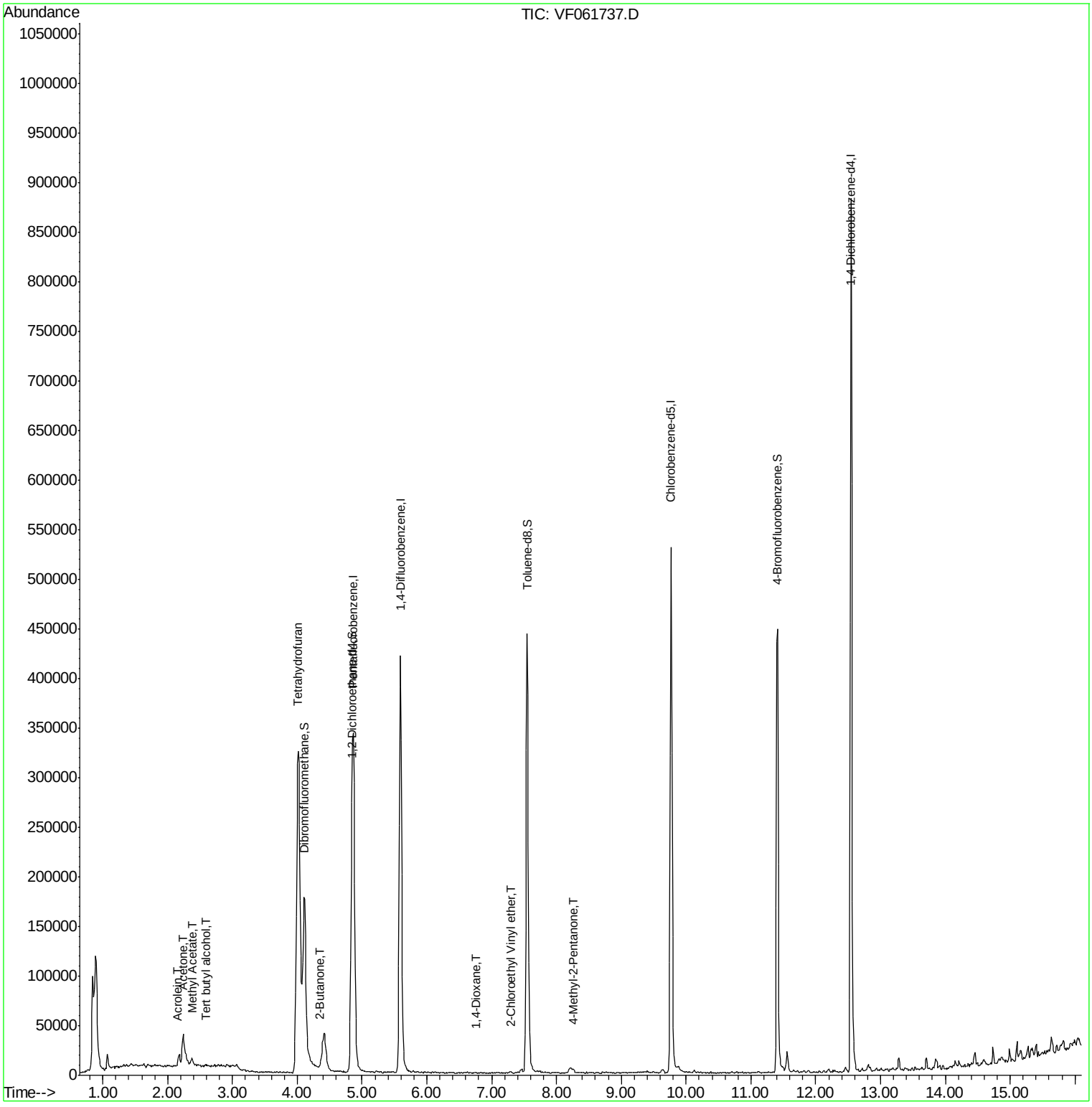
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	336762	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	534000	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	445556	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	253344	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	112255	45.46	ug/l	-0.02
Spiked Amount 50.000			Recovery = 90.92%			
35) Dibromofluoromethane	4.10	113	153521	38.71	ug/l	-0.01
Spiked Amount 50.000			Recovery = 77.42%			
50) Toluene-d8	7.55	98	397733	34.89	ug/l	-0.01
Spiked Amount 50.000			Recovery = 69.78%			
62) 4-Bromofluorobenzene	11.40	95	181036	39.25	ug/l	-0.01
Spiked Amount 50.000			Recovery = 78.50%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.59	59	858	6.003	ug/l #	58
13) Acrolein	2.14	56	370	2.060	ug/l	87
16) Acetone	2.24	43	22444	42.359	ug/l #	87
18) Methyl Acetate	2.37	43	6072	5.087	ug/l #	59
20) Methylene Chloride	2.18	84	5832	Below Cal		90
25) 2-Butanone	4.34	43	1185	1.024	ug/l	95
29) Tetrahydrofuran	4.01	42	8153	15.499	ug/l #	55
49) 1,4-Dioxane	6.77	88	70	4.255	ug/l #	12
51) 4-Methyl-2-Pentanone	8.27	43	3032	1.459	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.29	63	901	1.902	ug/l #	54

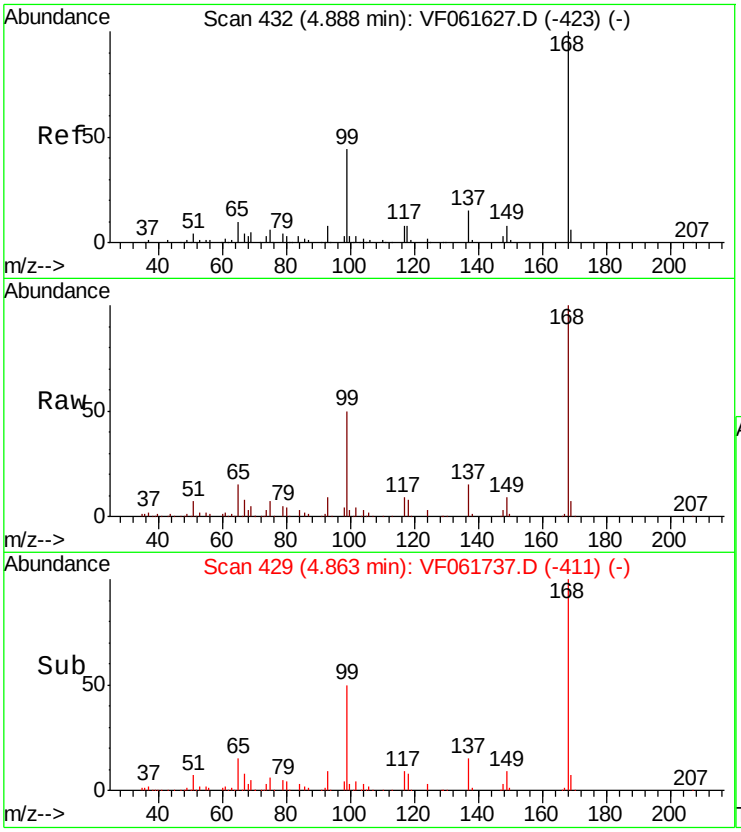
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022519\
Data File : VF061737.D
Acq On : 25 Feb 2019 18:31
Operator : VA/AP
Sample : K1610-07
Misc : 5.44g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WV-D

Quant Time: Feb 26 04:48:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration



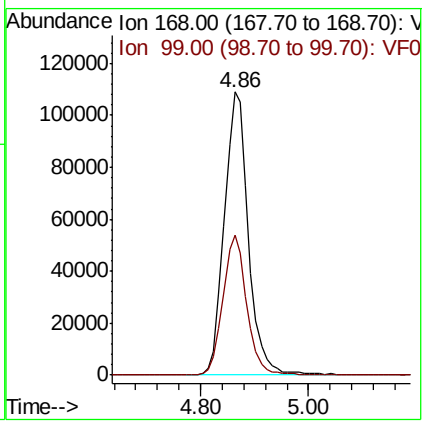


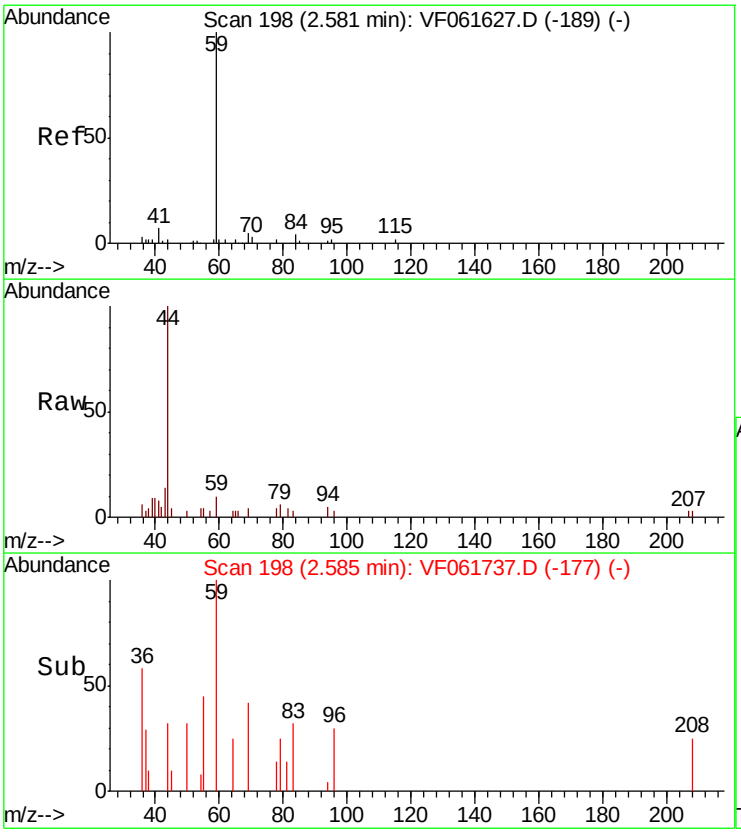
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Instrument : MSVOA_F
ClientSampleId : WV-D

Tgt Ion:168 Resp: 336762

Ion	Ratio	Lower	Upper
168	100		
99	49.5	34.9	52.3

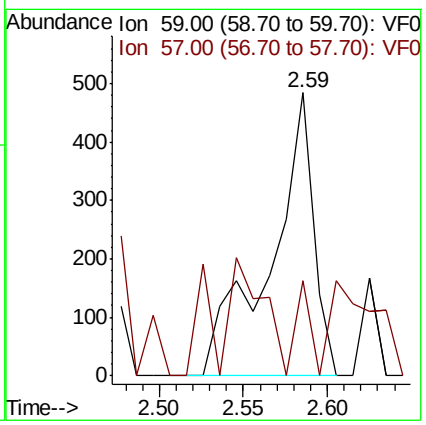


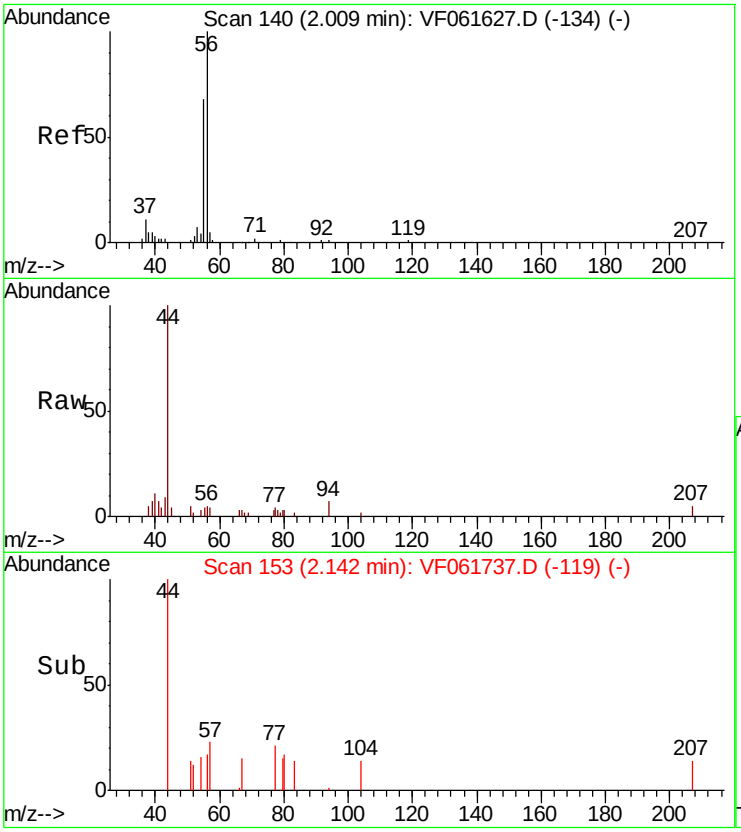


#11
Tert butyl alcohol
Concen: 6.003 ug/l
RT: 2.59 min Scan# 198
Delta R.T. 0.00 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Tgt Ion: 59 Resp: 858

Ion	Ratio	Lower	Upper
59	100		
57	33.5	12.5	18.7#



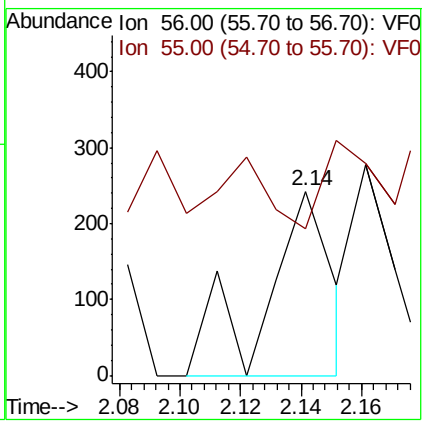


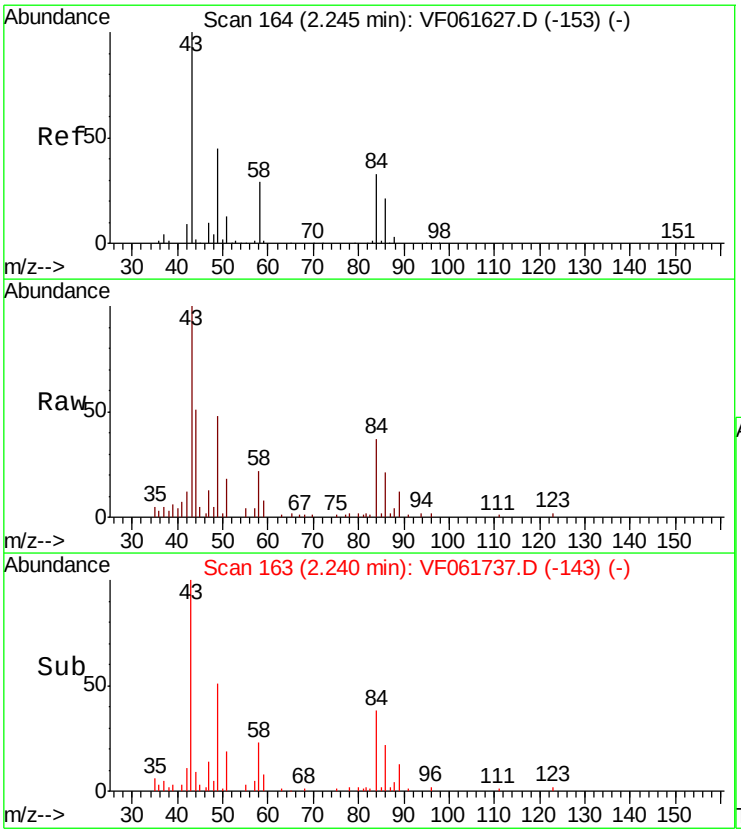
#13
Acrolein
Concen: 2.060 ug/l
RT: 2.14 min Scan# 153
Delta R.T. 0.13 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Instrument : MSVOA_F
ClientSampleId : WV-D

Tgt Ion: 56 Resp: 370

Ion	Ratio	Lower	Upper
56	100		
55	79.4	55.0	82.6

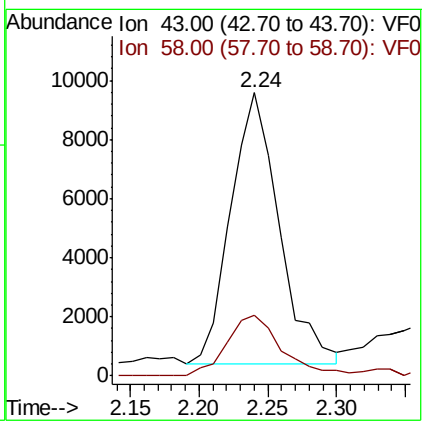


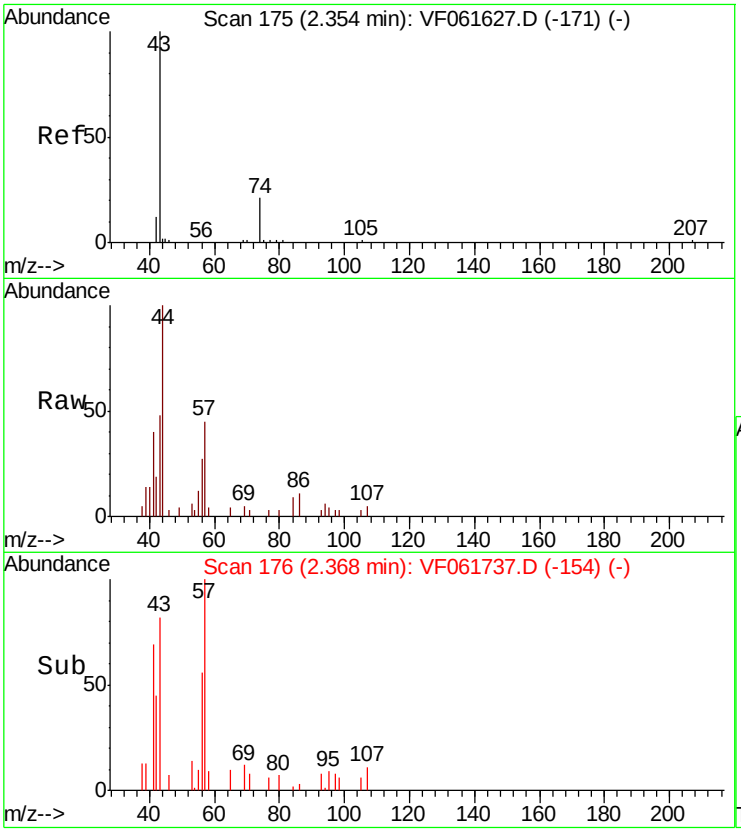


#16
Acetone
Concen: 42.359 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Tgt Ion: 43 Resp: 22444

Ion	Ratio	Lower	Upper
43	100		
58	21.6	22.9	34.3#



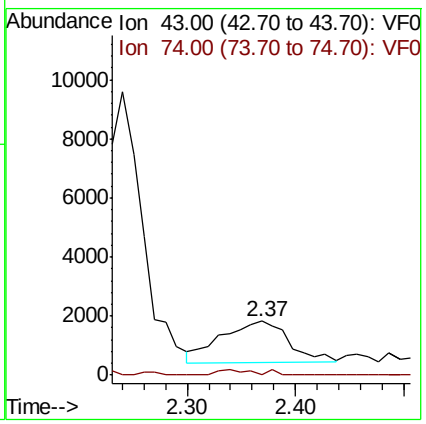


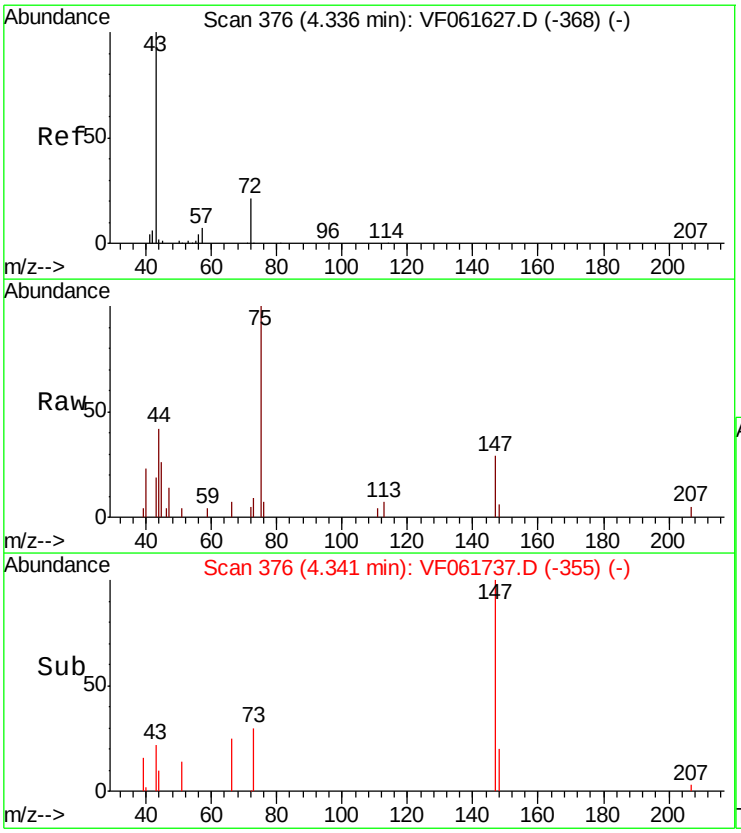
#18
Methyl Acetate
Concen: 5.087 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Instrument :
MSVOA_F
ClientSampleId :
WV-D

Tgt Ion: 43 Resp: 6072

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#

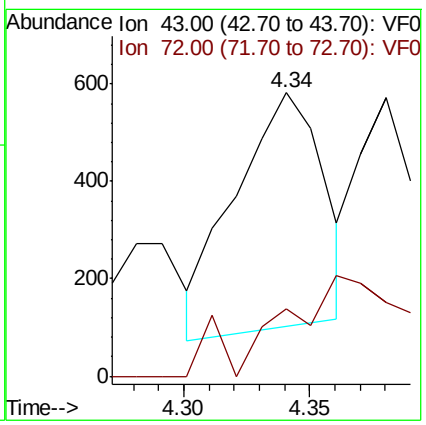


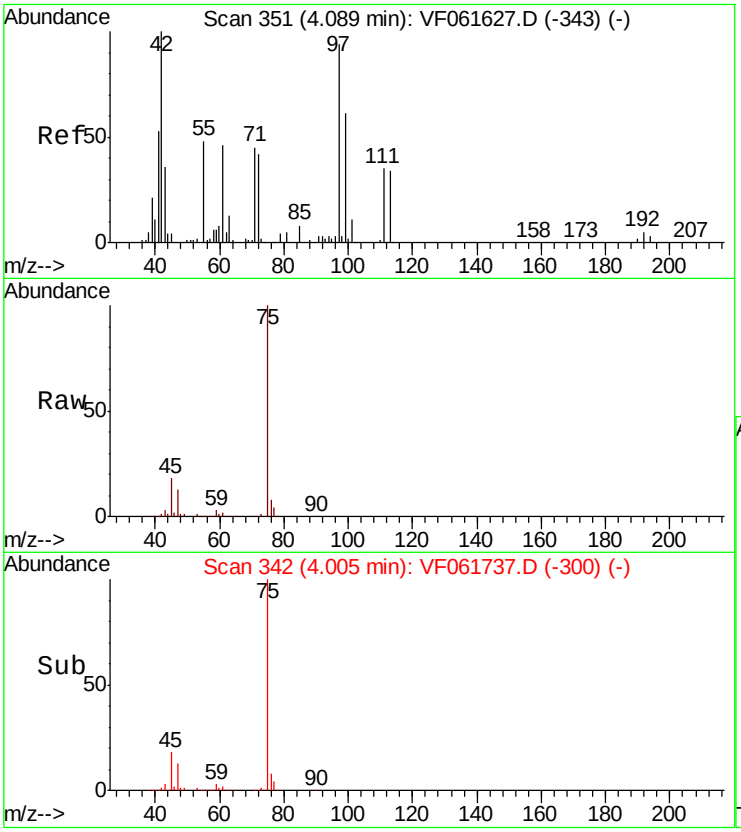


#25
2-Butanone
Concen: 1.024 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.00 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Tgt Ion: 43 Resp: 1185

Ion	Ratio	Lower	Upper
43	100		
72	23.9	17.1	25.7



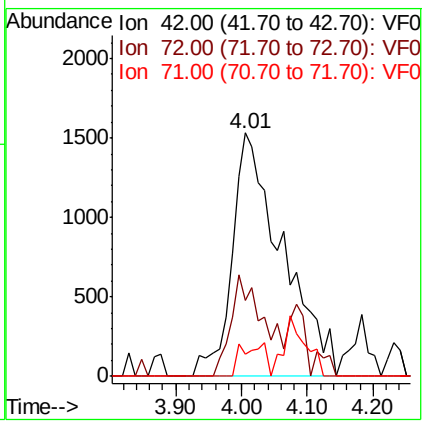


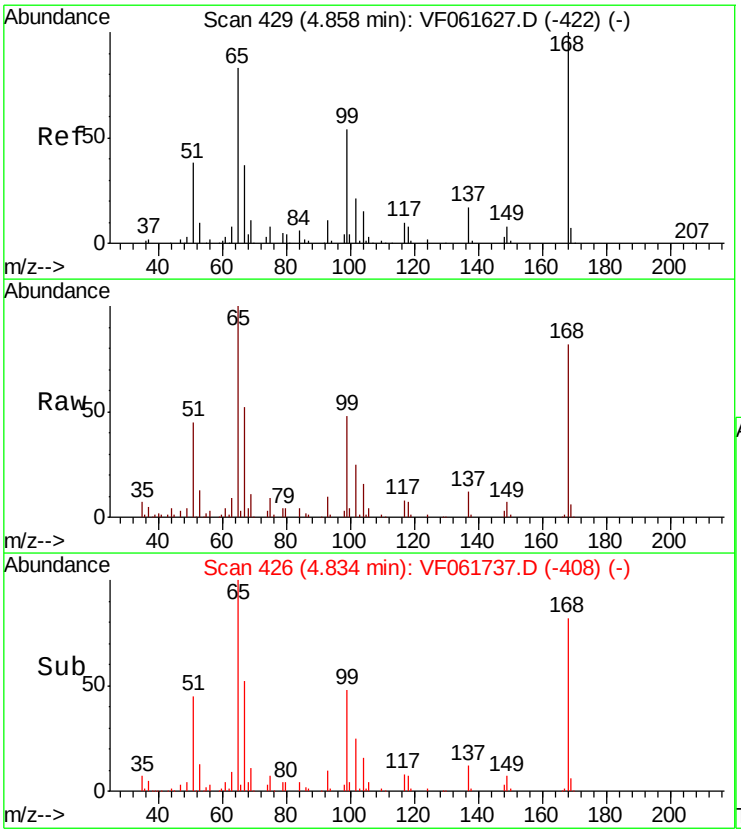
#29
Tetrahydrofuran
Concen: 15.499 ug/l
RT: 4.01 min Scan# 342
Delta R.T. -0.08 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Instrument : MSVOA_F
ClientSampleId : WV-D

Tgt Ion: 42 Resp: 8153

Ion	Ratio	Lower	Upper
42	100		
72	27.6	35.2	52.8#
71	0.0	32.9	49.3#

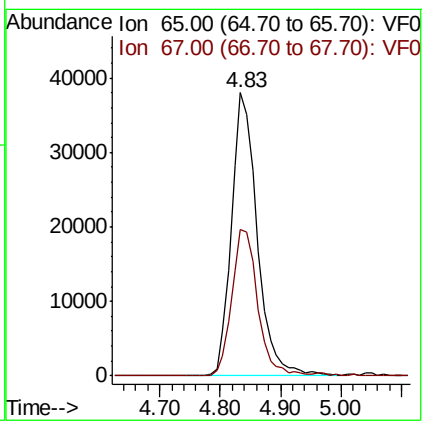


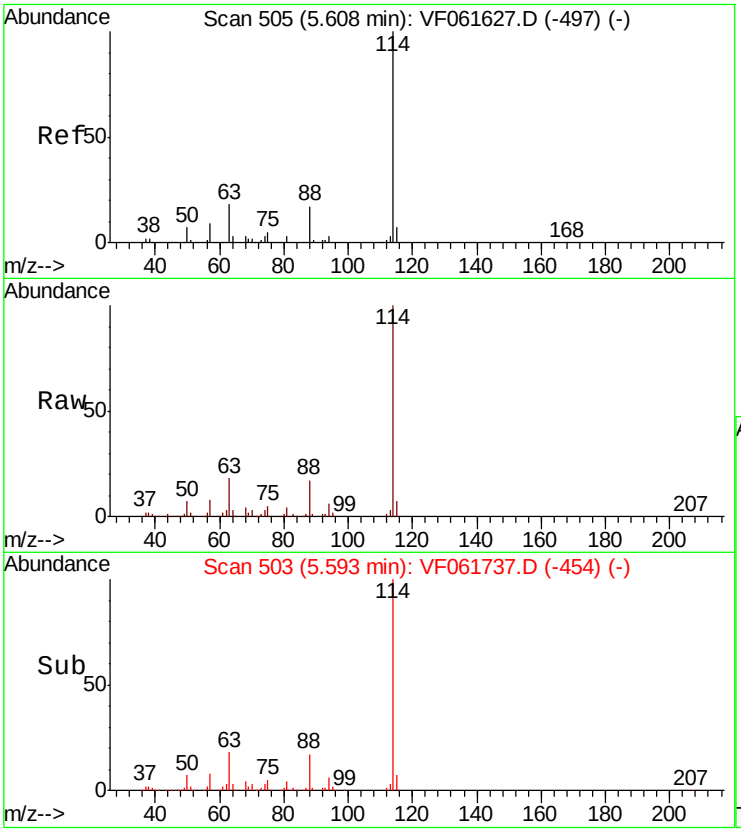


#33
1,2-Dichloroethane-d4
Concen: 45.456 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Tgt Ion: 65 Resp: 112255

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.0



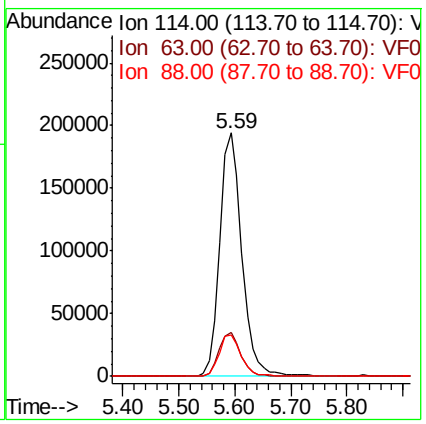


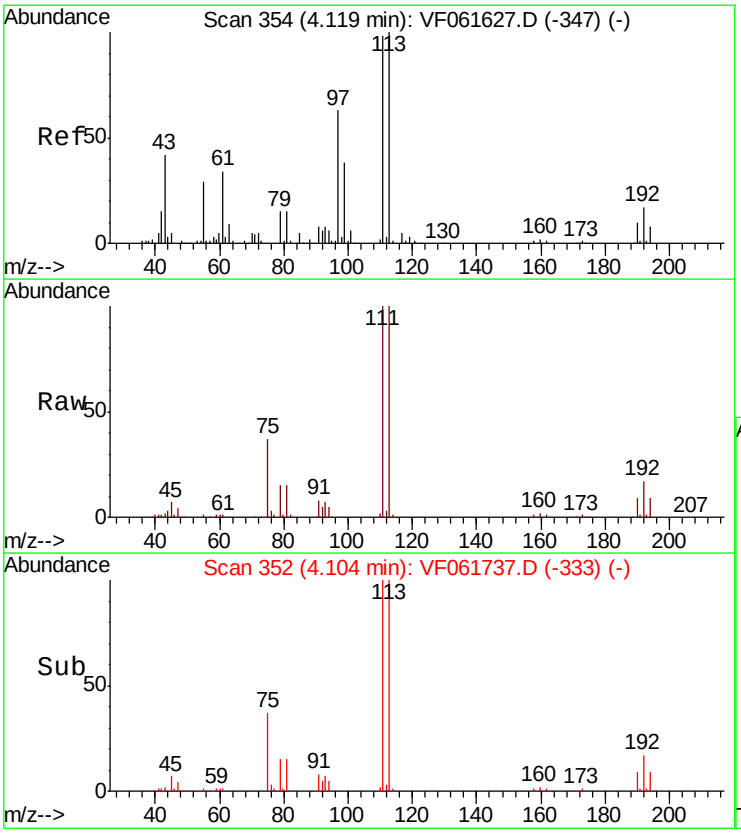
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Instrument : MSVOA_F
ClientSampleId : WV-D

Tgt Ion:114 Resp: 534000

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.6
88	16.8	0.0	34.4

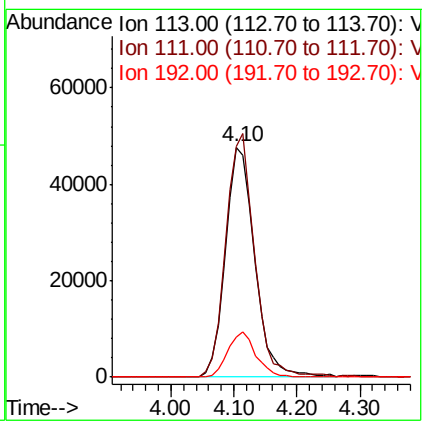


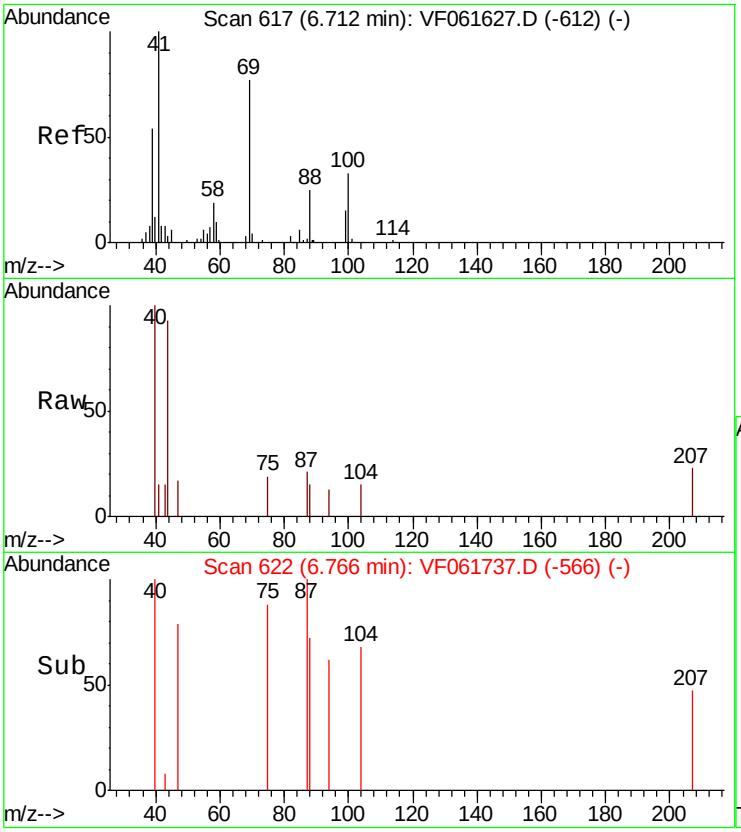


#35
Dibromofluoromethane
Concen: 38.714 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Tgt Ion:113 Resp: 153521

Ion	Ratio	Lower	Upper
113	100		
111	100.3	78.8	118.2
192	17.5	13.4	20.0



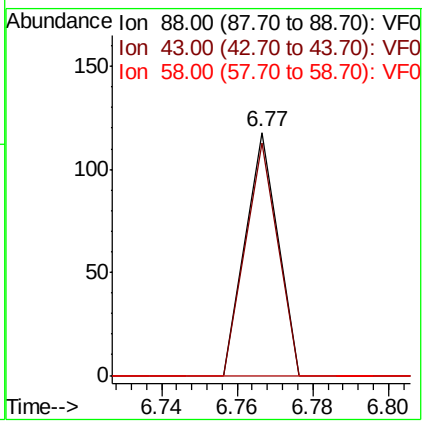


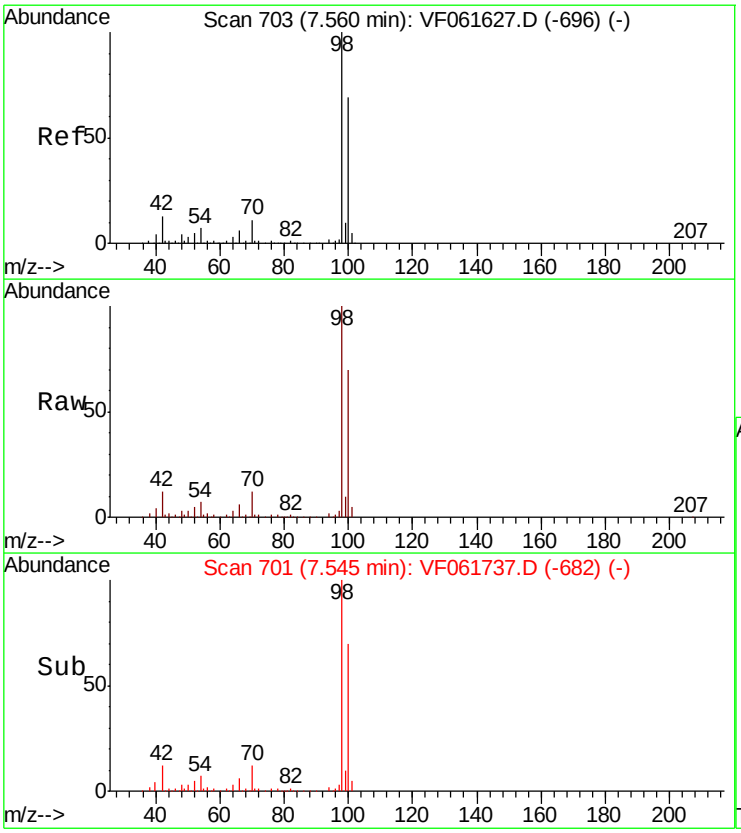
#49
1,4-Dioxane
Concen: 4.255 ug/l
RT: 6.77 min Scan# 622
Delta R.T. 0.05 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Instrument :
MSVOA_F
ClientSampleId :
WV-D

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
43	95.8	32.3	48.5#
58	0.0	59.4	89.2#

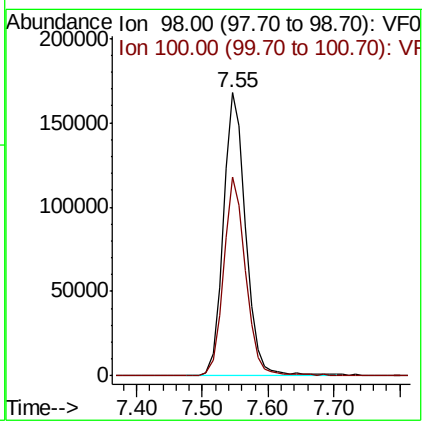


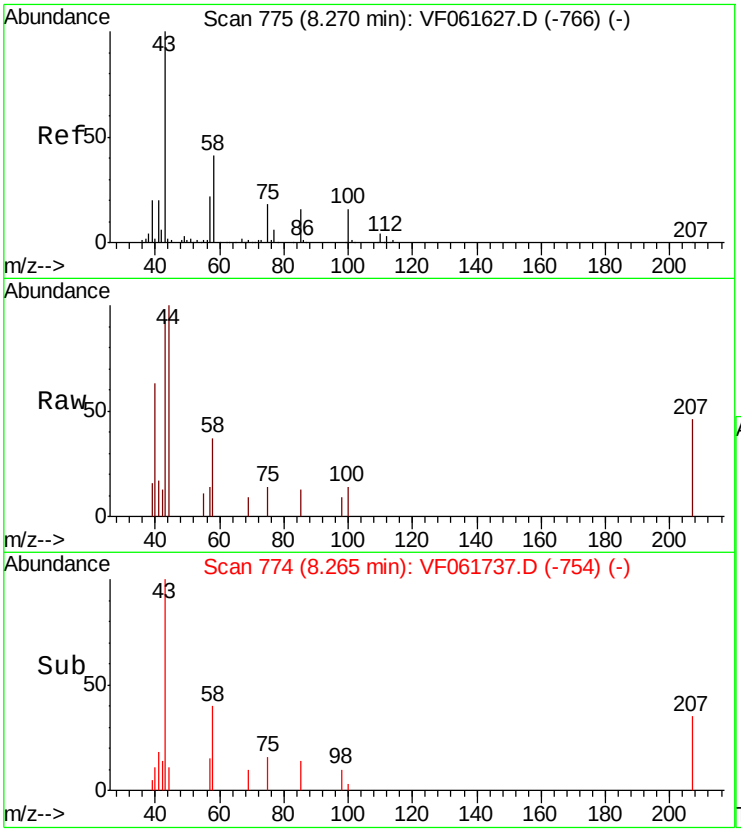


#50
Toluene-d8
Concen: 34.890 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Tgt Ion: 98 Resp: 397733

Ion	Ratio	Lower	Upper
98	100		
100	70.2	55.4	83.2



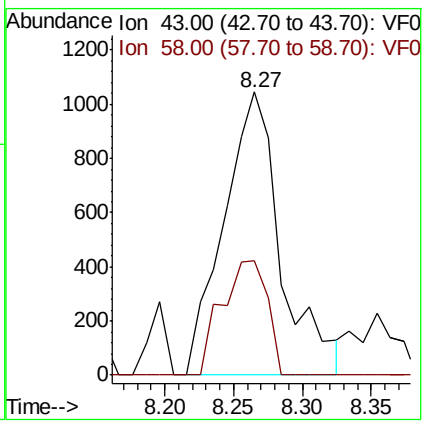


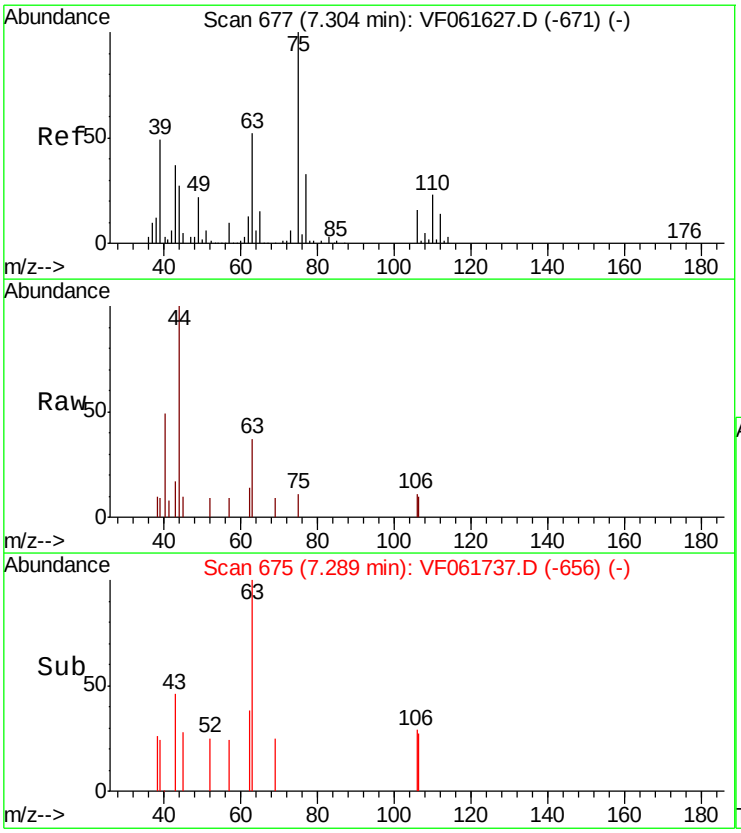
#51
4-Methyl-2-Pentanone
Concen: 1.459 ug/l
RT: 8.27 min Scan# 774
Delta R.T. -0.01 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Instrument : MSVOA_F
ClientSampleId : WV-D

Tgt Ion: 43 Resp: 3032

Ion	Ratio	Lower	Upper
43	100		
58	40.4	33.1	49.7

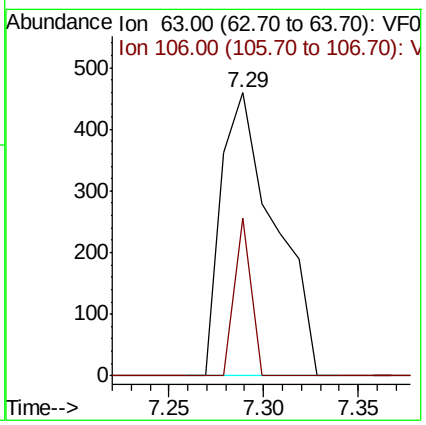


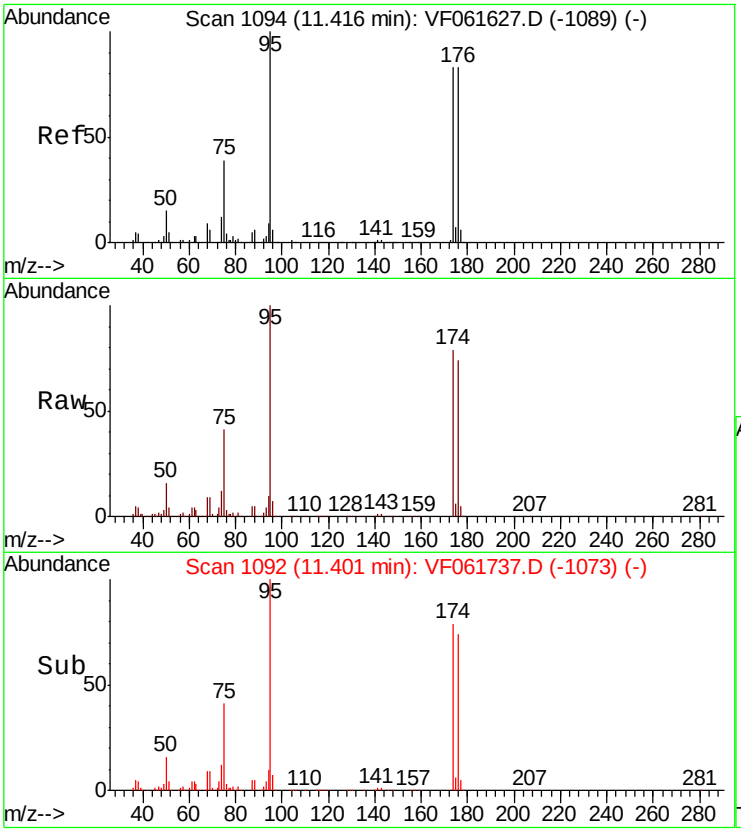


#58
2-Chloroethyl Vinyl ether
Concen: 1.902 ug/l
RT: 7.29 min Scan# 675
Delta R.T. -0.01 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Tgt Ion: 63 Resp: 901

Ion	Ratio	Lower	Upper
63	100		
106	55.8	24.6	36.8#



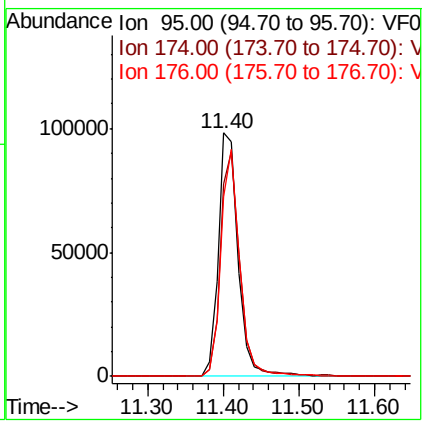


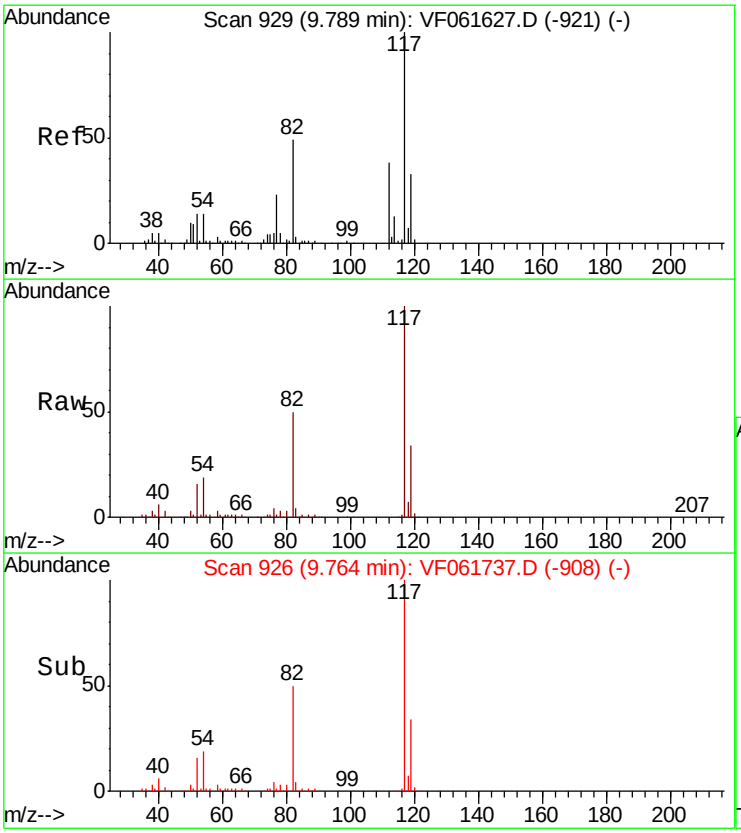
#62
4-Bromofluorobenzene
Concen: 39.249 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Instrument : MSVOA_F
ClientSampleId : WV-D

Tgt Ion: 95 Resp: 181036

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	165.8
176	73.6	0.0	167.0

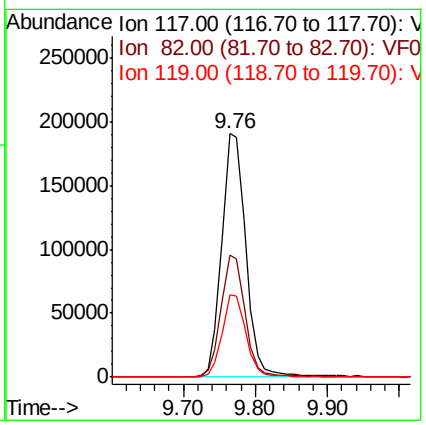


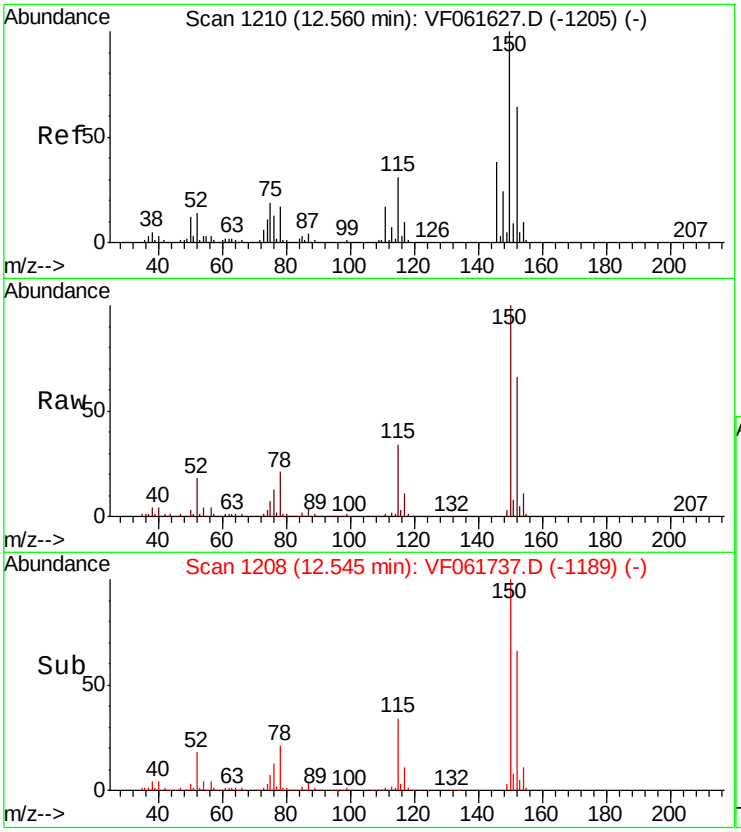


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Tgt Ion:117 Resp: 445556

Ion	Ratio	Lower	Upper
117	100		
82	50.1	39.3	58.9
119	33.6	26.6	40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061737.D
Acq: 25 Feb 2019 18:31

Instrument :
MSVOA_F
ClientSampleId :
WV-D

Tgt Ion:152 Resp: 253344

Ion	Ratio	Lower	Upper
152	100		
115	51.6	24.3	72.8
150	150.9	0.0	312.0