Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030119\
Data File : VF061811.D
Acq On : 1 Mar 2019 19:17
Operator : VA/AP
Sample : K1675-15
Misc : 4.95g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : Z-3-2-B

Quant Time: Mar 02 02:47:21 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	300922	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	477454	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	399800	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	208151	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	104523	47.37	ug/l	-0.03
Spiked Amount 50.000			Recovery = 94.74%			
35) Dibromofluoromethane	4.10	113	163139	46.01	ug/l	-0.02
Spiked Amount 50.000			Recovery = 92.02%			
50) Toluene-d8	7.54	98	410662	40.29	ug/l	-0.02
Spiked Amount 50.000			Recovery = 80.58%			
62) 4-Bromofluorobenzene	11.40	95	173602	42.09	ug/l	-0.02
Spiked Amount 50.000			Recovery = 84.18%			
Target Compounds						Qvalue
8) Diethyl Ether	1.63	74	1072	1.046	ug/l	86
13) Acrolein	2.01	56	703	4.380	ug/l	97
16) Acetone	2.24	43	13410	28.323	ug/l	100
18) Methyl Acetate	2.37	43	5267	4.938	ug/l #	59
20) Methylene Chloride	2.24	84	21276	6.177	ug/l	93
29) Tetrahydrofuran	4.07	42	2655	5.648	ug/l #	33
51) 4-Methyl-2-Pentanone	8.25	43	2096	1.128	ug/l	87

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

Quantitation Report (Not Reviewed)

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Z-3-2-B

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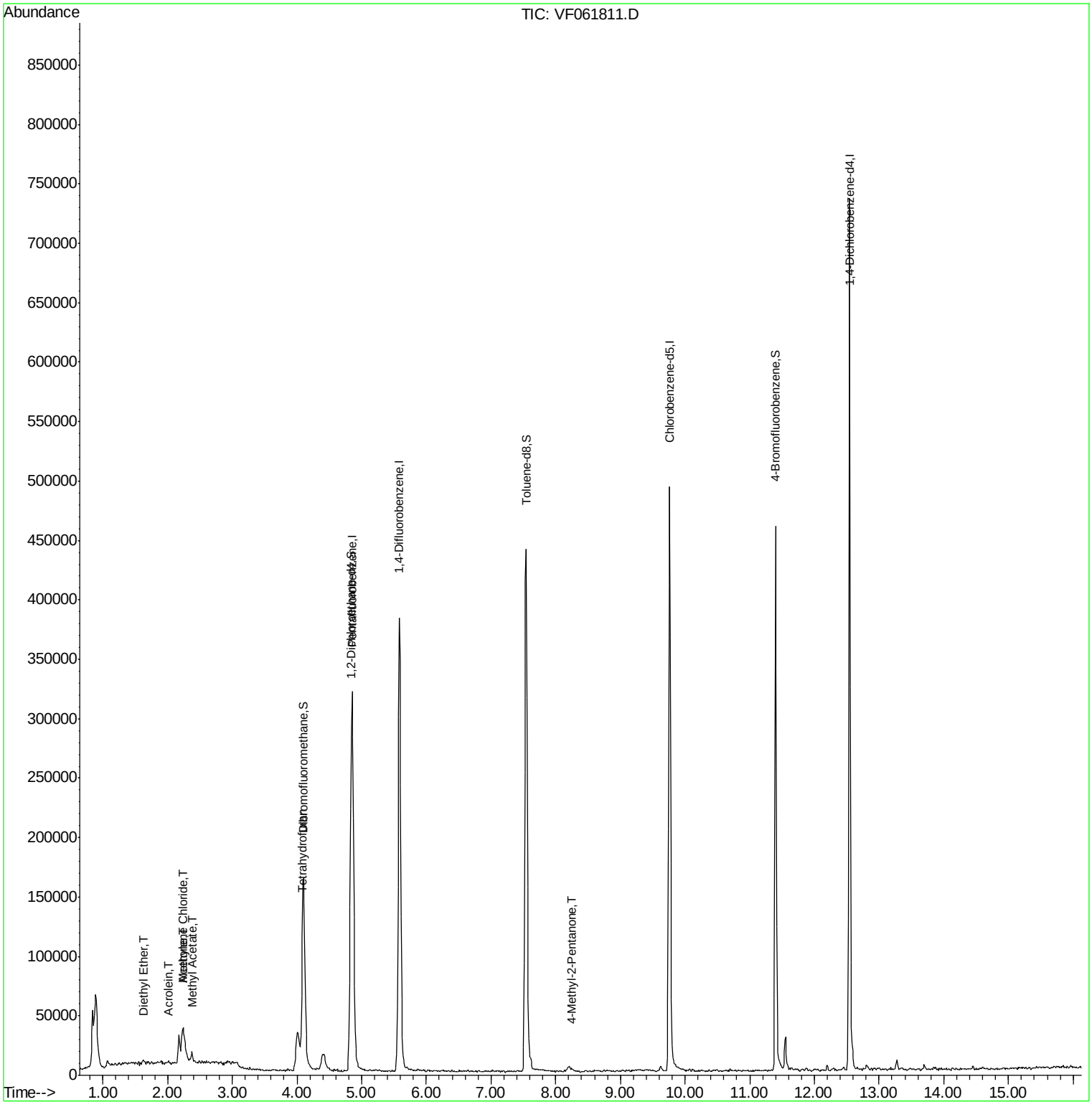
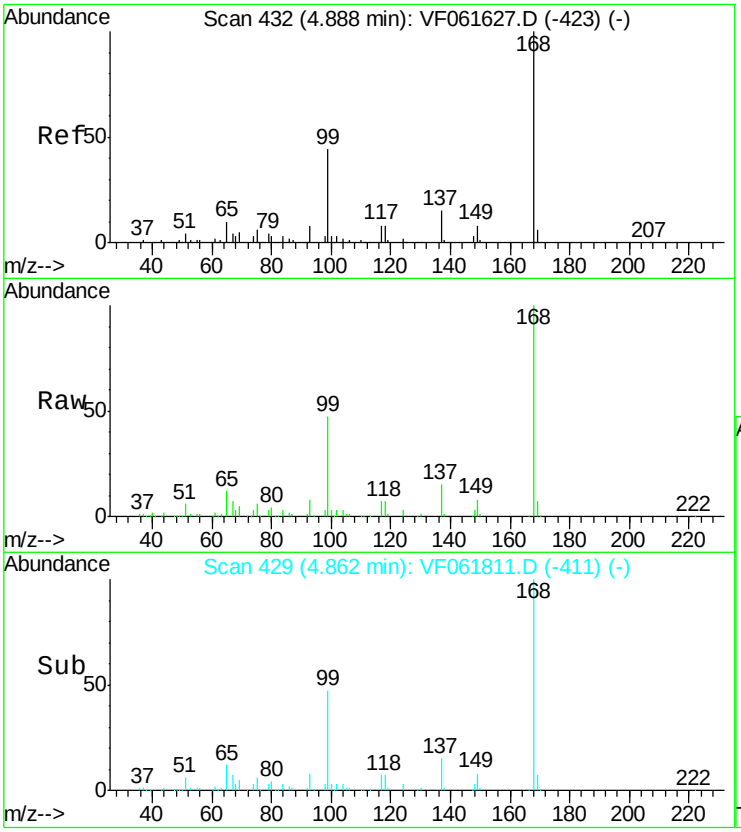
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration



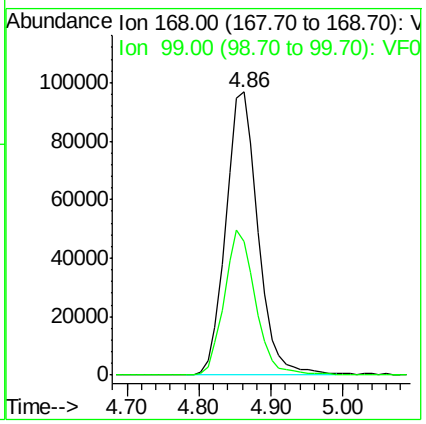


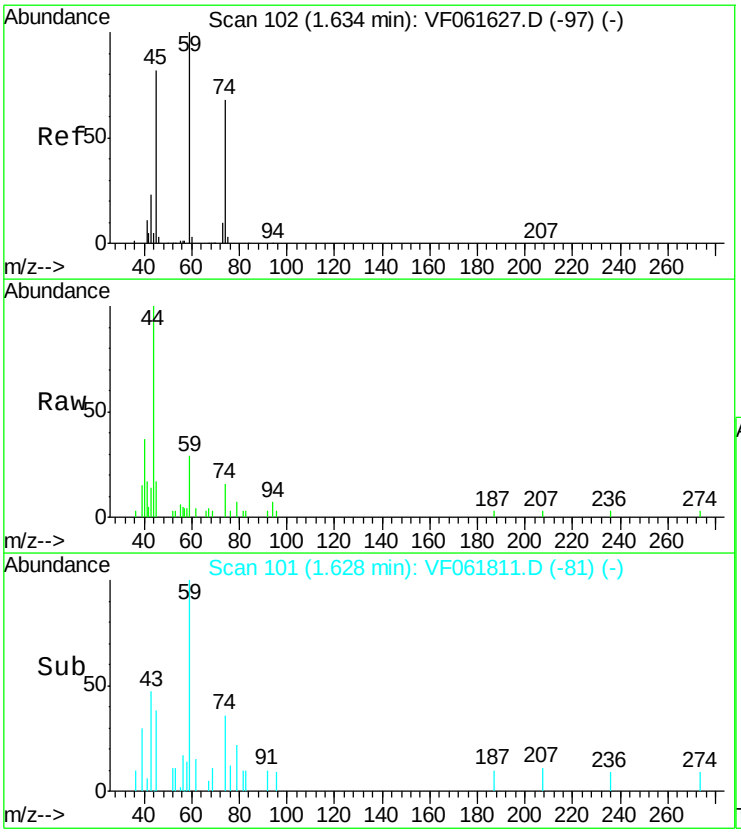
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.03 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Instrument :
MSVOA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:168 Resp: 300922

Ion	Ratio	Lower	Upper
168	100		
99	47.1	34.9	52.3

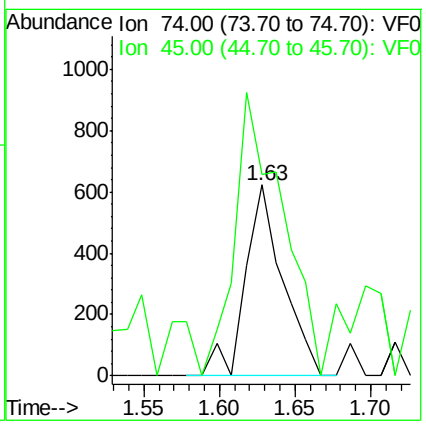


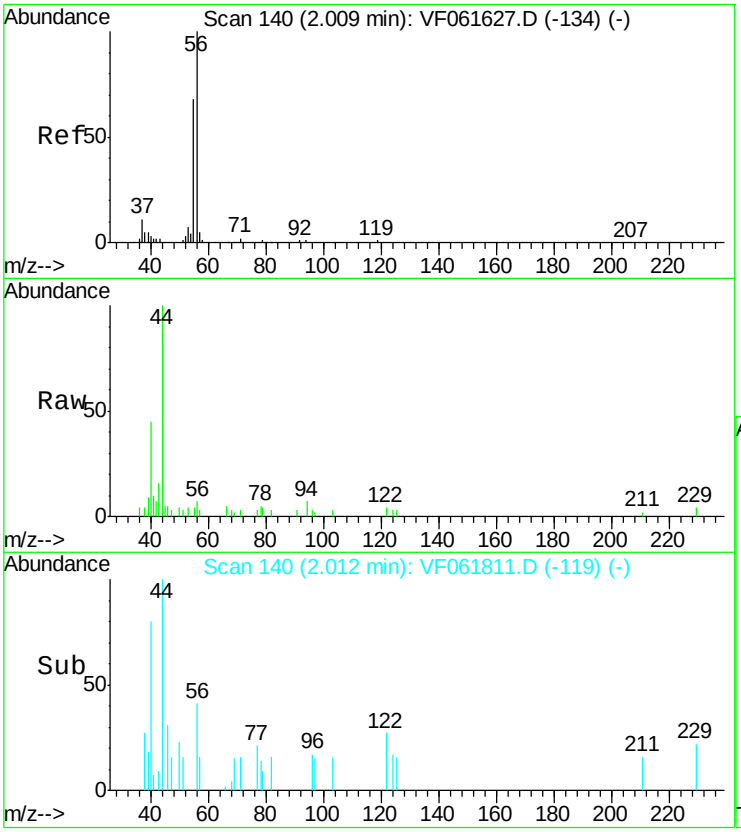


#8
Diethyl Ether
Concen: 1.046 ug/l
RT: 1.63 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Tgt Ion: 74 Resp: 1072

Ion	Ratio	Lower	Upper
74	100		
45	105.5	60.8	182.3



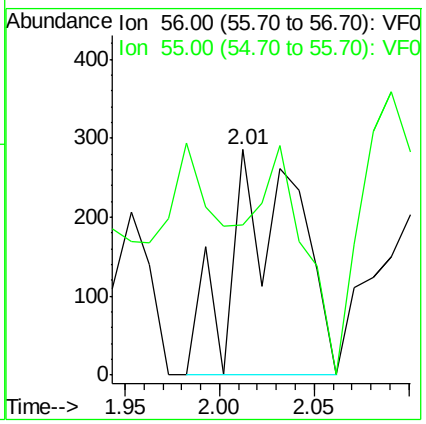


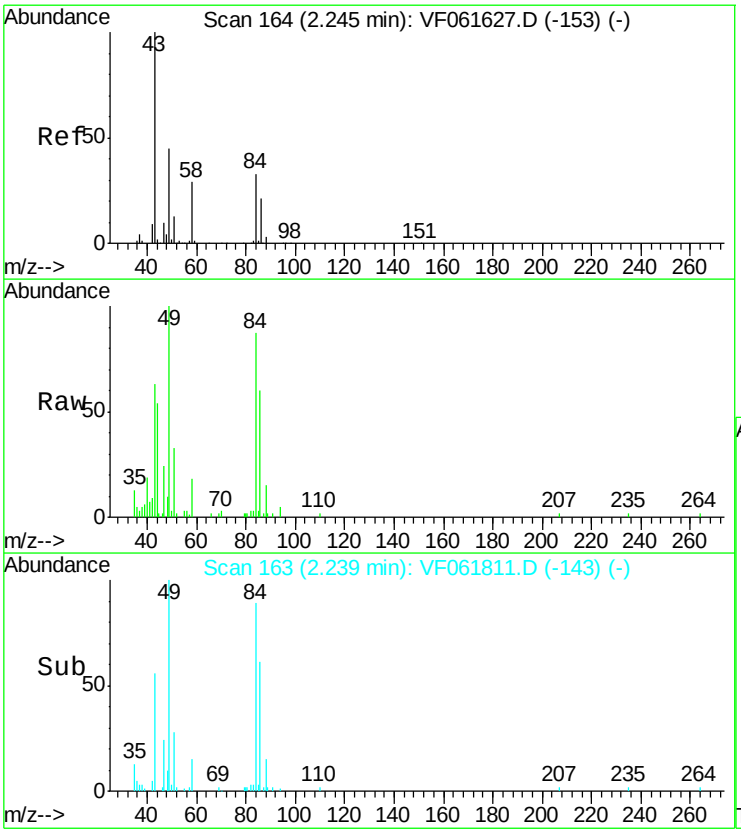
#13
Acrolein
Concen: 4.380 ug/l
RT: 2.01 min Scan# 140
Delta R.T. 0.00 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Instrument :
MSVOA_F
ClientSampleId :
Z-3-2-B

Tgt Ion: 56 Resp: 703

Ion	Ratio	Lower	Upper
56	100		
55	66.7	55.0	82.6

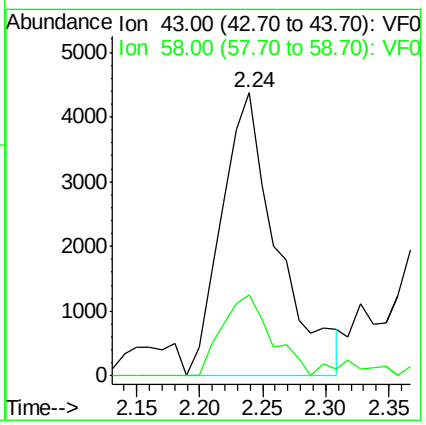


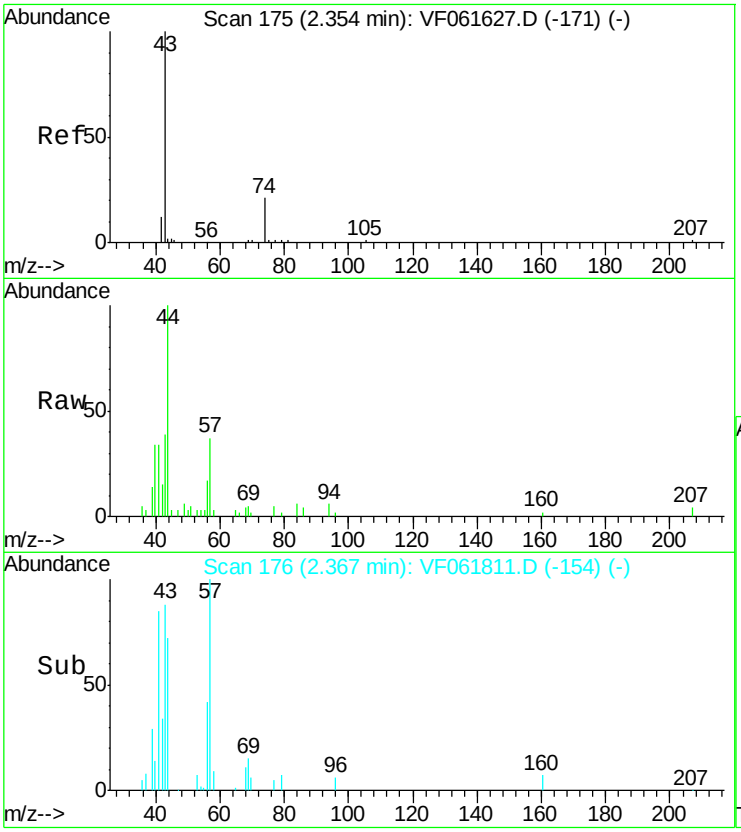


#16
Acetone
Concen: 28.323 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Tgt Ion: 43 Resp: 13410

Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.9	34.3



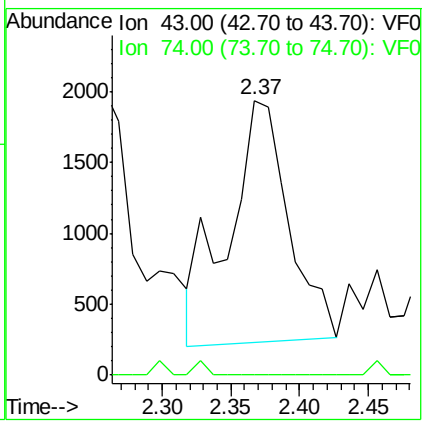


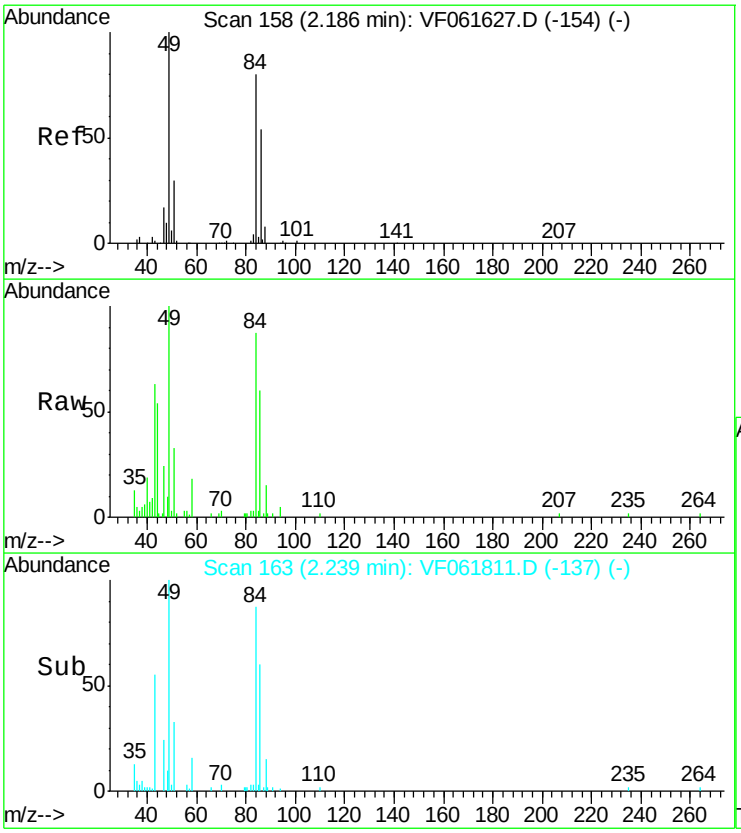
#18
Methyl Acetate
Concen: 4.938 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Instrument : MSVOA_F
ClientSampleId : Z-3-2-B

Tgt Ion: 43 Resp: 5267

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#

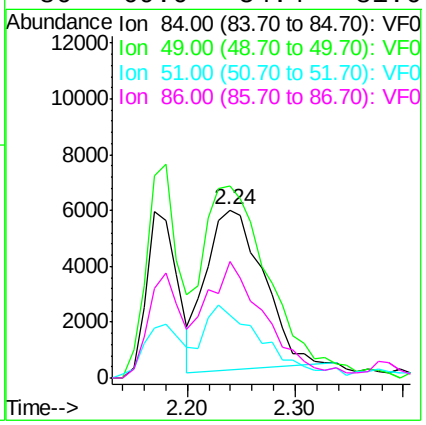


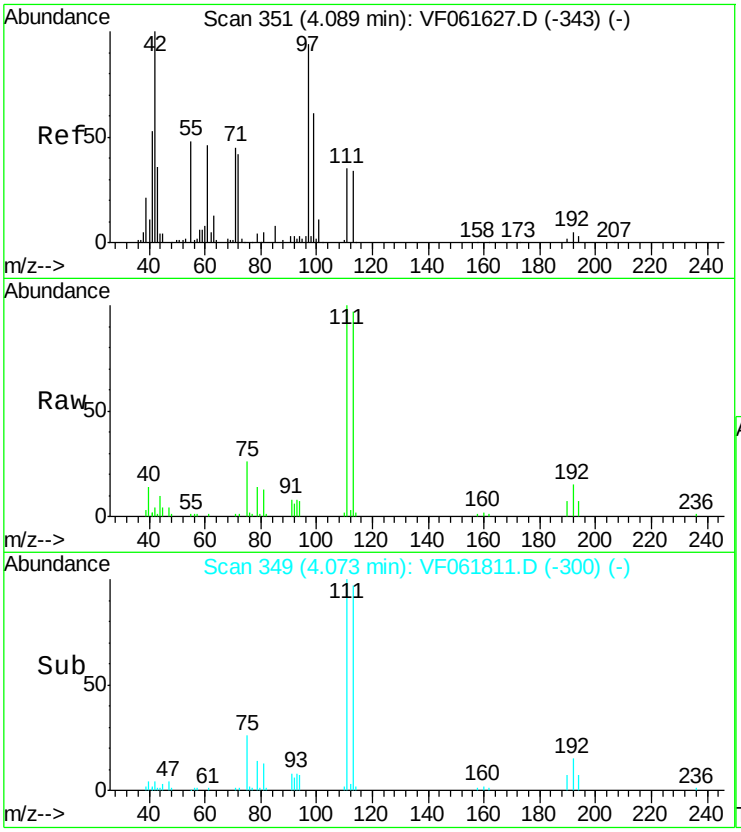


#20
Methylene Chloride
Concen: 6.177 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.05 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Tgt Ion: 84 Resp: 21276

Ion	Ratio	Lower	Upper
84	100		
49	114.4	101.8	152.8
51	37.5	31.1	46.7
86	69.0	54.4	81.6



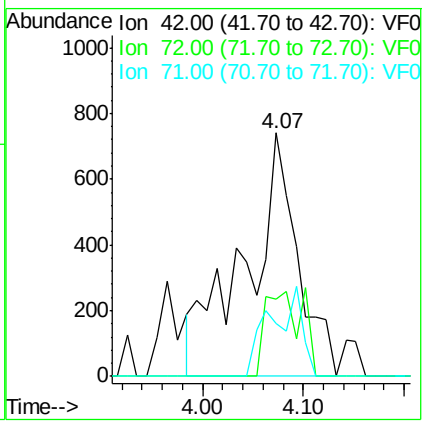


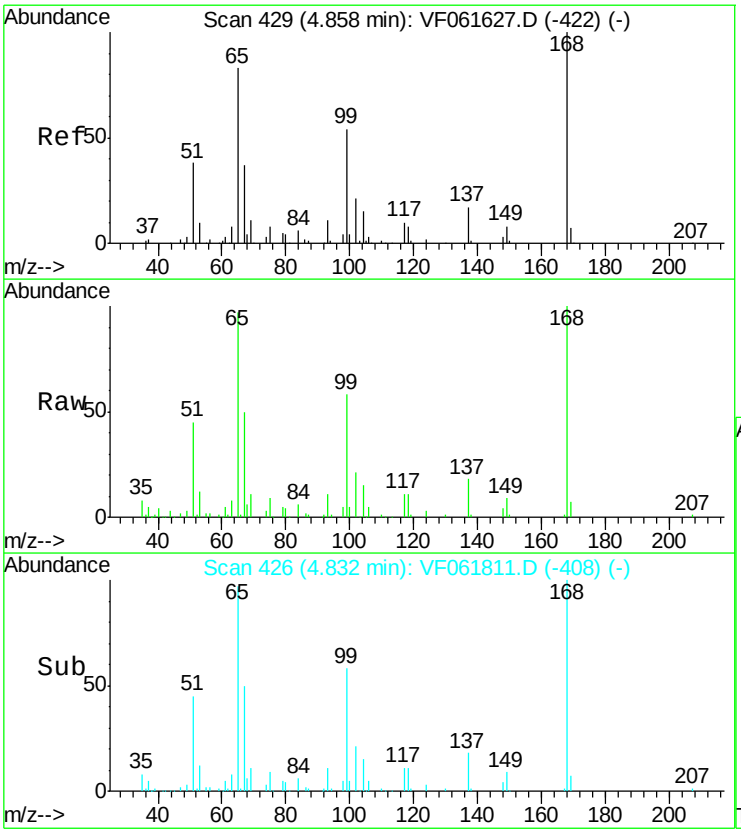
#29
Tetrahydrofuran
Concen: 5.648 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.02 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Instrument :
MSVOA_F
ClientSampleId :
Z-3-2-B

Tgt Ion: 42 Resp: 2655

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

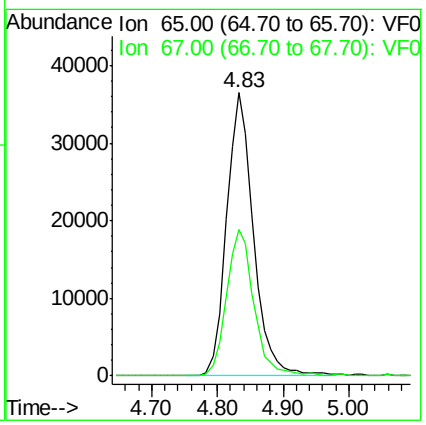


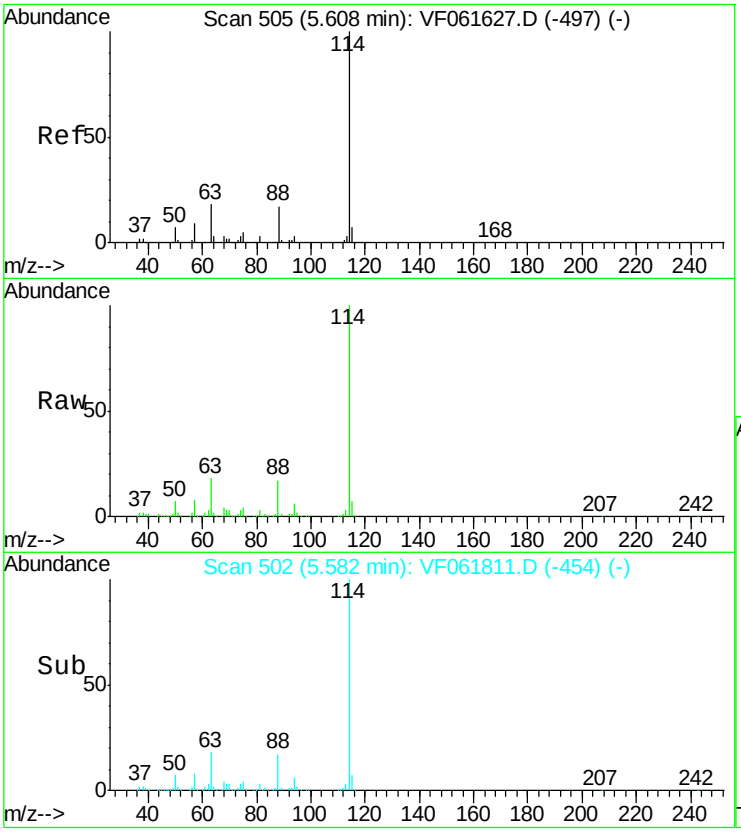


#33
1,2-Dichloroethane-d4
Concen: 47.366 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Tgt Ion: 65 Resp: 104523

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.0



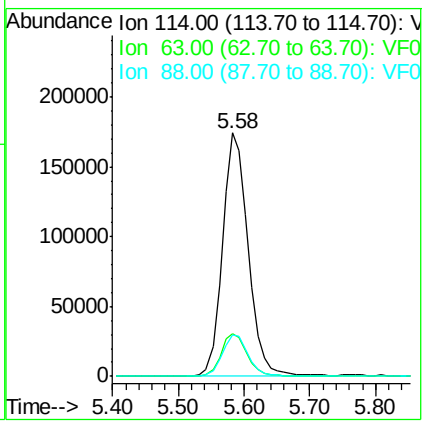


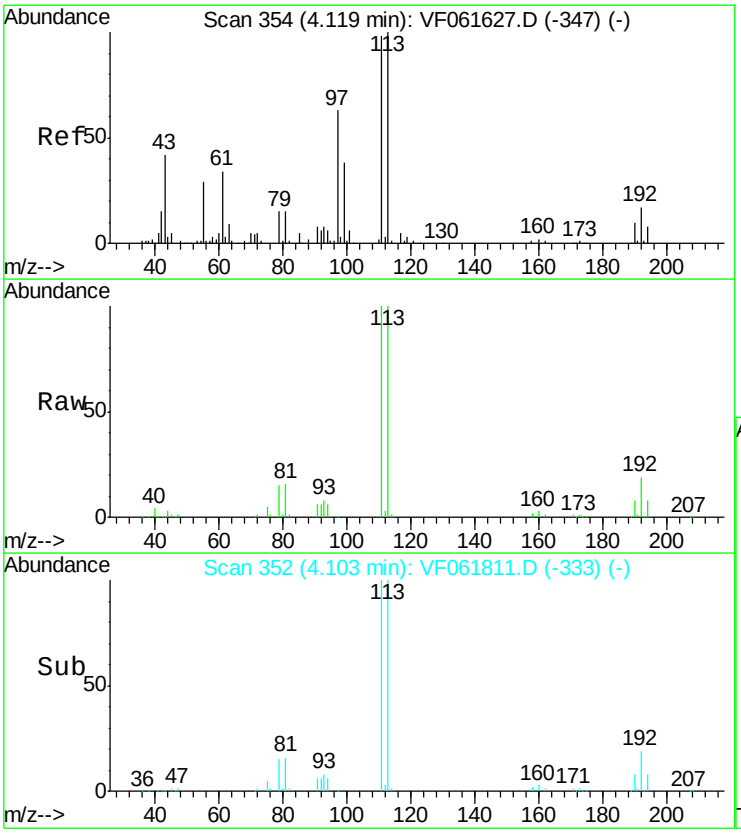
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Instrument : MSVOA_F
ClientSampleId : Z-3-2-B

Tgt Ion:114 Resp: 477454

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.6
88	17.2	0.0	34.4

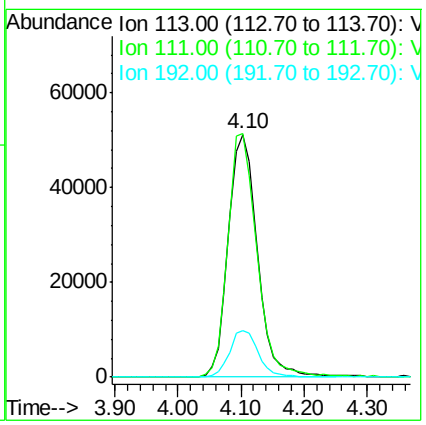


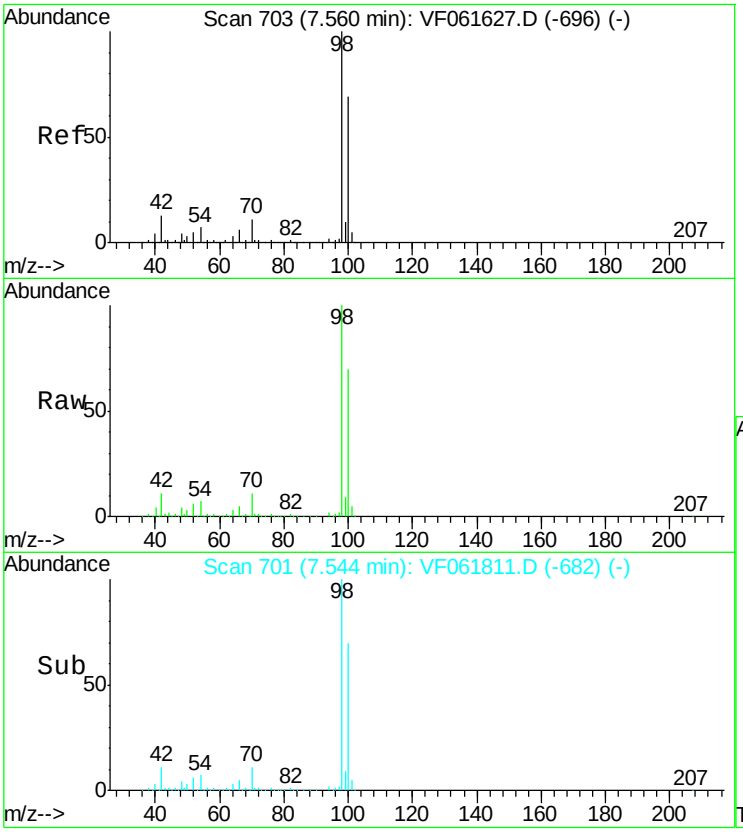


#35
Dibromofluoromethane
Concen: 46.012 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Tgt Ion:113 Resp: 163139

Ion	Ratio	Lower	Upper
113	100		
111	100.2	78.8	118.2
192	19.3	13.4	20.0



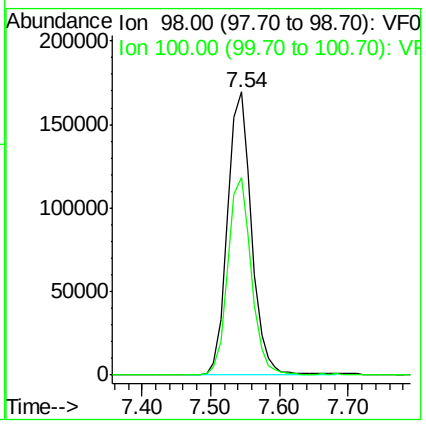


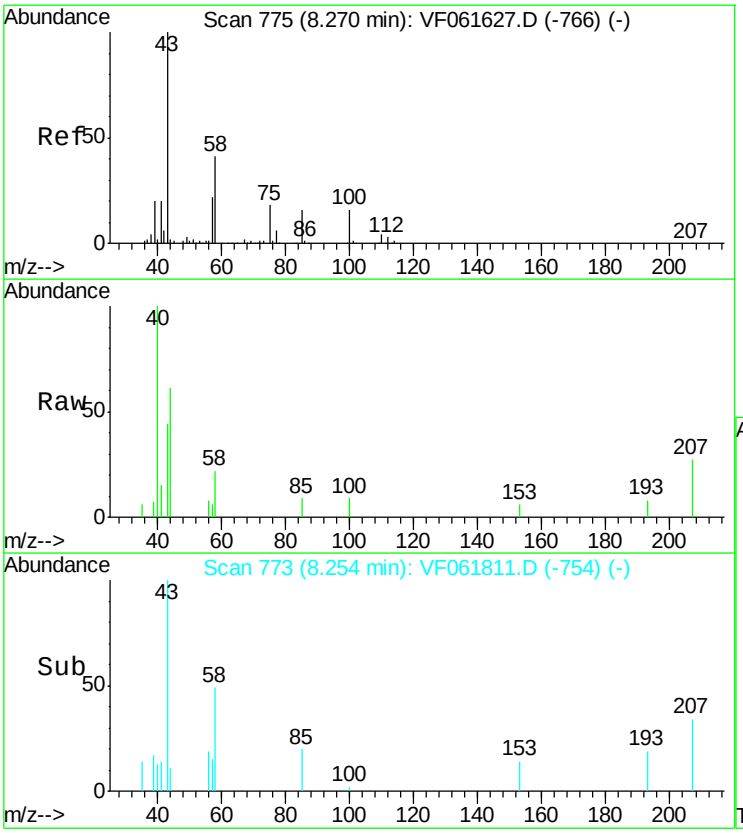
#50
Toluene-d8
Concen: 40.290 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Instrument :
MSVOA_F
ClientSampleId :
Z-3-2-B

Tgt Ion: 98 Resp: 410662

Ion	Ratio	Lower	Upper
98	100		
100	70.0	55.4	83.2

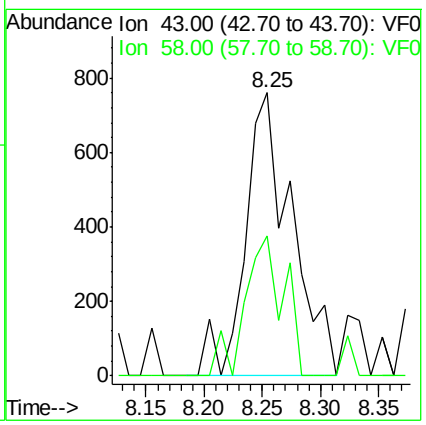


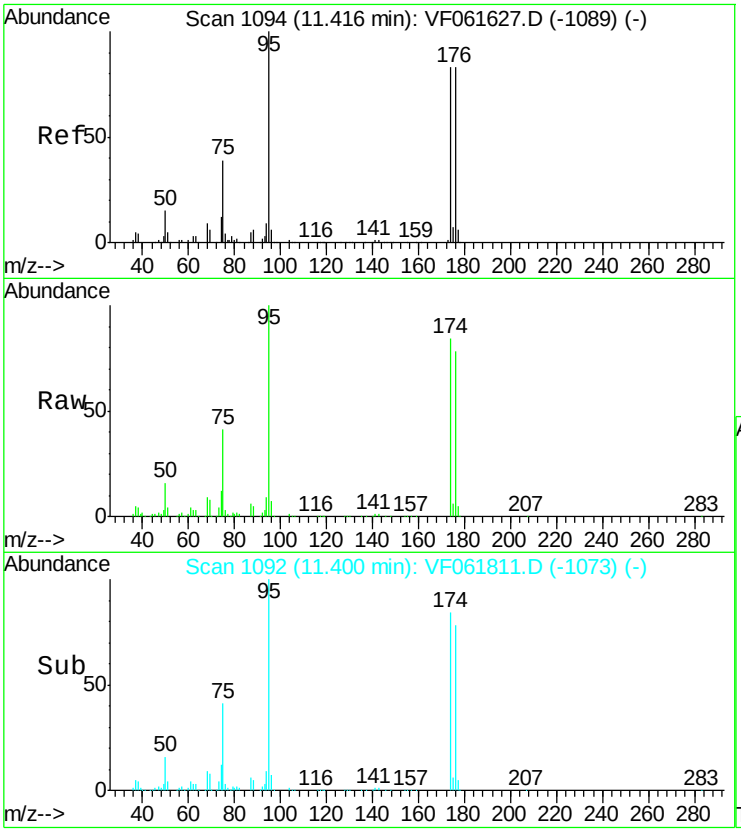


#51
4-Methyl-2-Pentanone
Concen: 1.128 ug/l
RT: 8.25 min Scan# 773
Delta R.T. -0.02 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Tgt Ion: 43 Resp: 2096

Ion	Ratio	Lower	Upper
43	100		
58	49.5	33.1	49.7



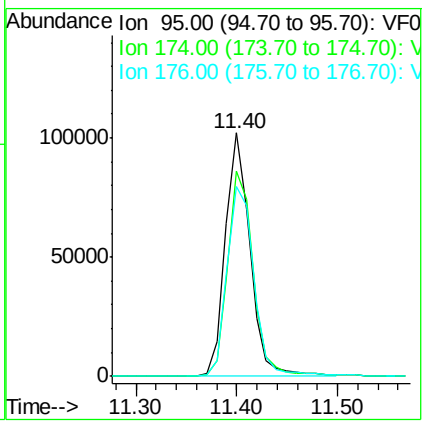


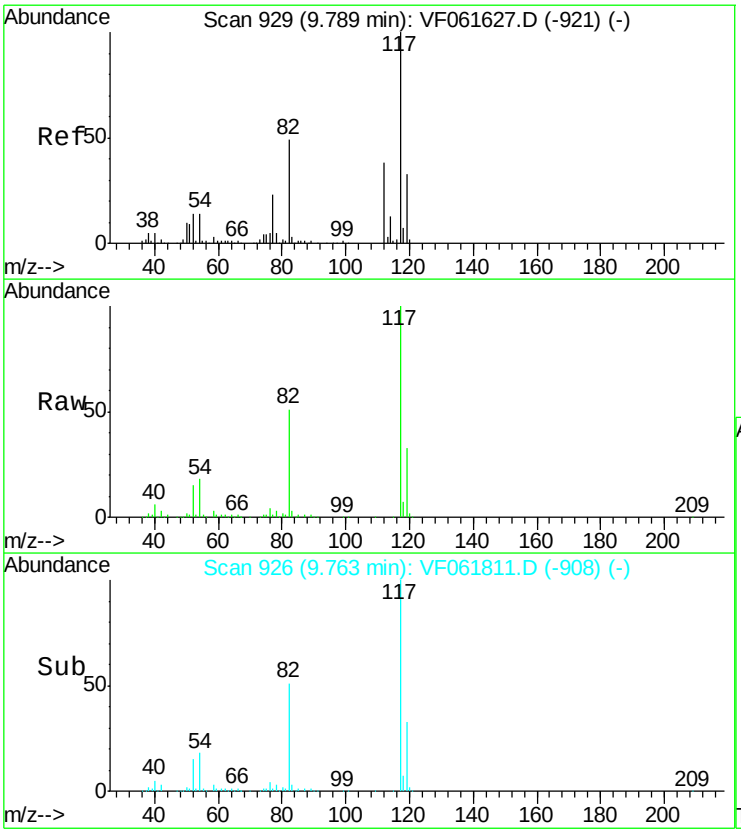
#62
4-Bromofluorobenzene
Concen: 42.094 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Instrument :
MSVOA_F
ClientSampleId :
Z-3-2-B

Tgt Ion: 95 Resp: 173602

Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	165.8
176	78.1	0.0	167.0

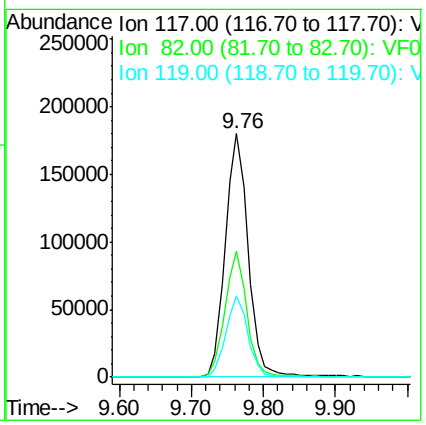


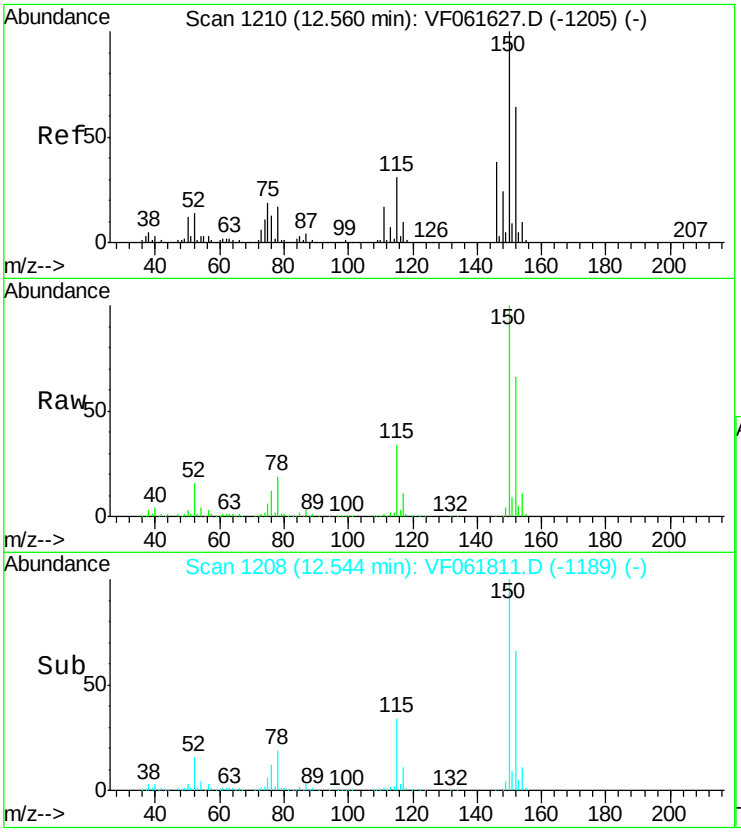


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Tgt Ion:117 Resp: 399800

Ion	Ratio	Lower	Upper
117	100		
82	51.5	39.3	58.9
119	33.2	26.6	40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Instrument :
MSVOA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:152 Resp: 208151

Ion	Ratio	Lower	Upper
152	100		
115	50.9	24.3	72.8
150	151.3	0.0	312.0