Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF061994.D
Acq On : 18 Mar 2019 13:39
Operator : VA/AP
Sample : K1861-03RE
Misc : 5.08g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Mar 19 01:21:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	267814	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	409212	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	347552	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	196670	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	66519	34.50	ug/l	-0.01
Spiked Amount 50.000			Recovery = 69.00%			
35) Dibromofluoromethane	4.10	113	92861	33.79	ug/l	-0.01
Spiked Amount 50.000			Recovery = 67.58%			
50) Toluene-d8	7.54	98	241895	30.11	ug/l	-0.01
Spiked Amount 50.000			Recovery = 60.22%			
62) 4-Bromofluorobenzene	11.40	95	107706	33.75	ug/l	-0.01
Spiked Amount 50.000			Recovery = 67.50%			
Target Compounds						Qvalue
15) Acrylonitrile	2.94	53	561	1.564	ug/l #	1
16) Acetone	2.23	43	2663	6.152	ug/l	95
18) Methyl Acetate	2.37	43	5012	5.659	ug/l #	63
20) Methylene Chloride	2.18	84	3004	1.348	ug/l #	88
49) 1,4-Dioxane	6.54	88	95	8.418	ug/l #	15
51) 4-Methyl-2-Pentanone	8.26	43	1542	1.106	ug/l #	36
59) 2-Hexanone	9.48	43	1396	1.384	ug/l	78

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

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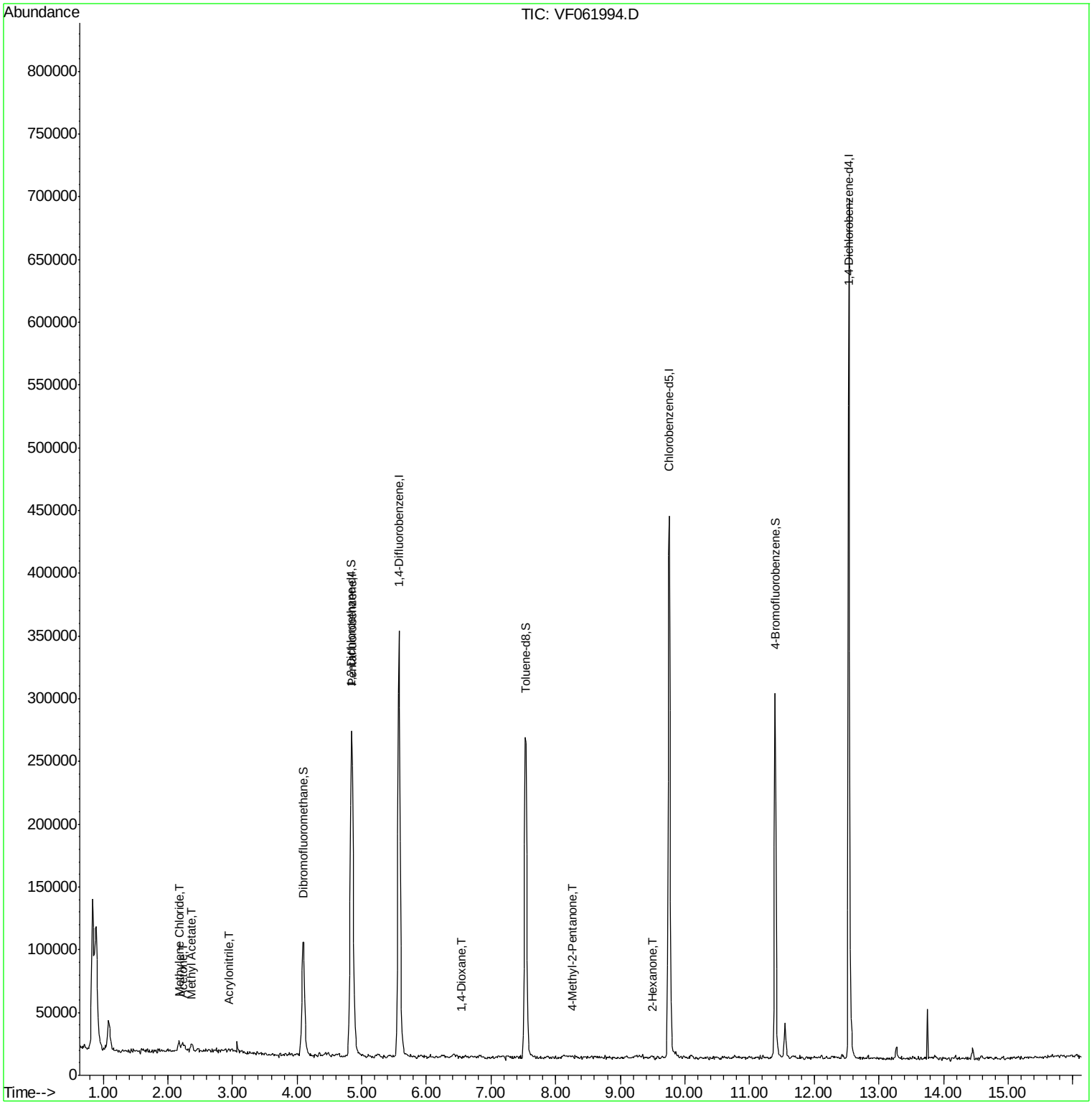
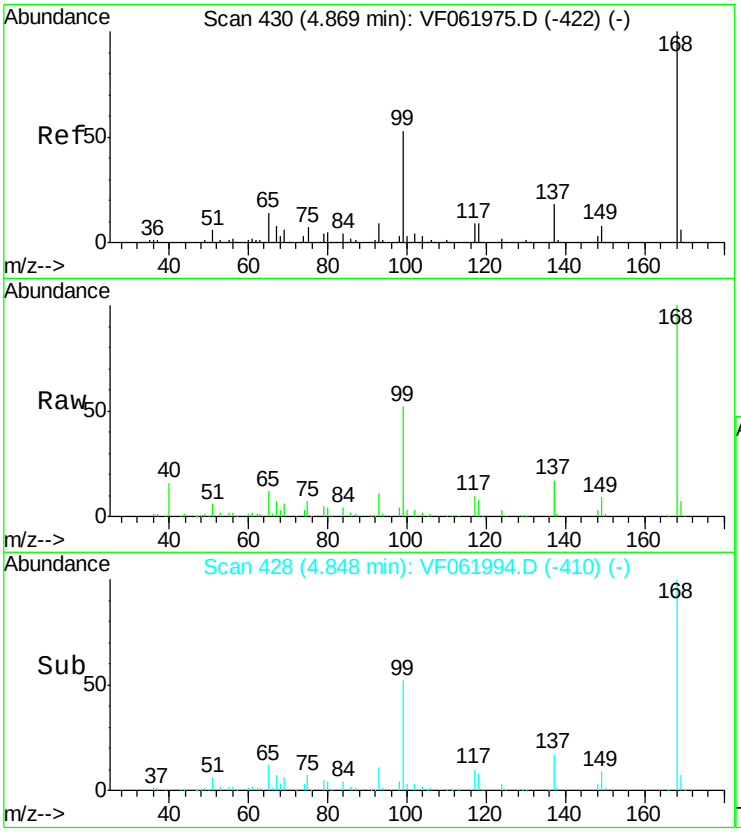
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration



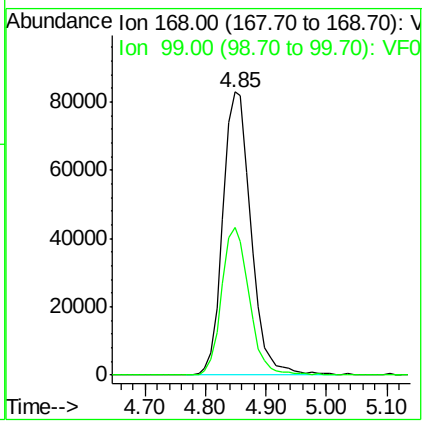


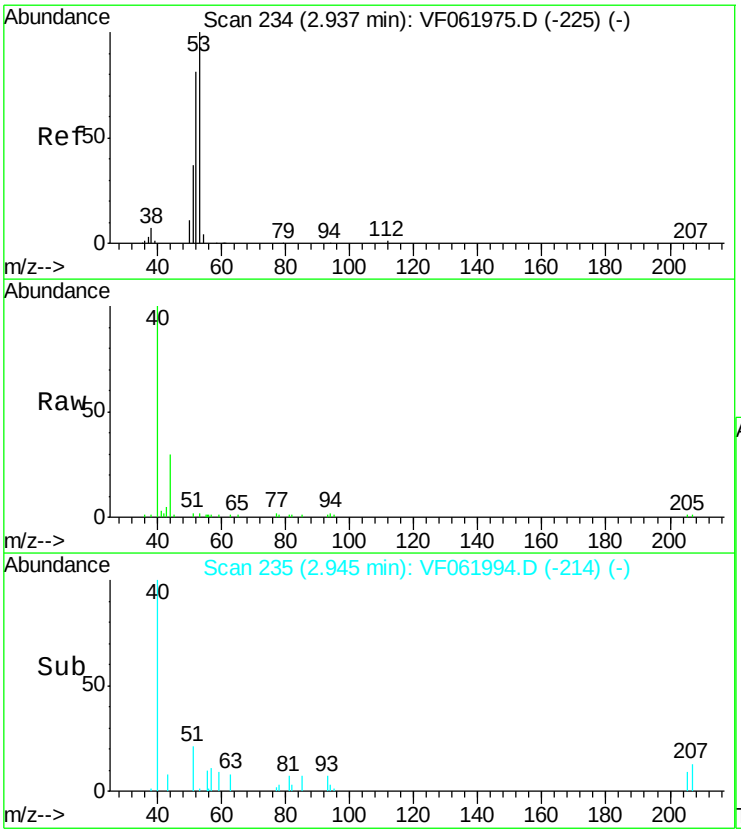
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.02 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 267814

Ion	Ratio	Lower	Upper
168	100		
99	52.3	42.4	63.6

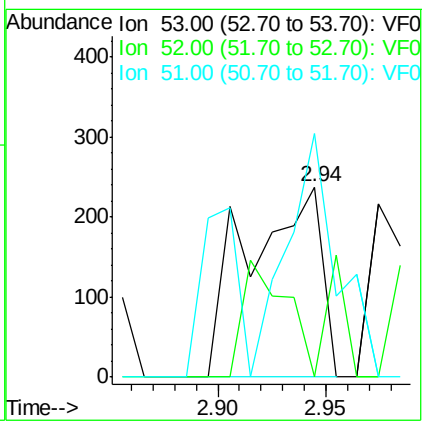


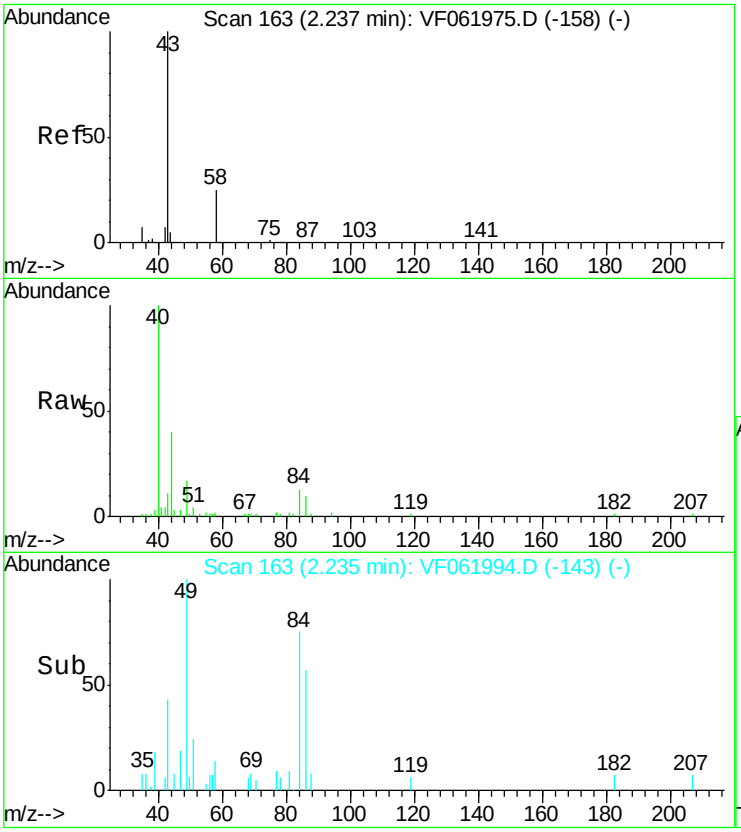


#15
Acrylonitrile
Concen: 1.564 ug/l
RT: 2.94 min Scan# 235
Delta R.T. 0.01 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Tgt Ion: 53 Resp: 561

Ion	Ratio	Lower	Upper
53	100		
52	0.0	64.4	96.6#
51	127.7	30.3	45.5#



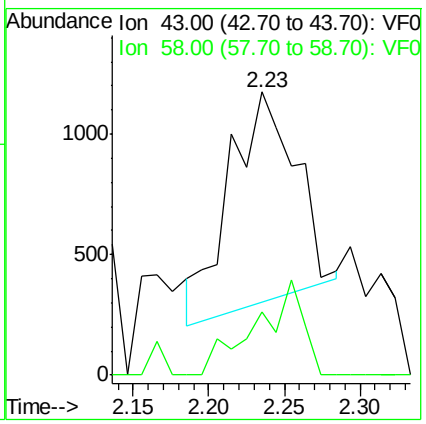


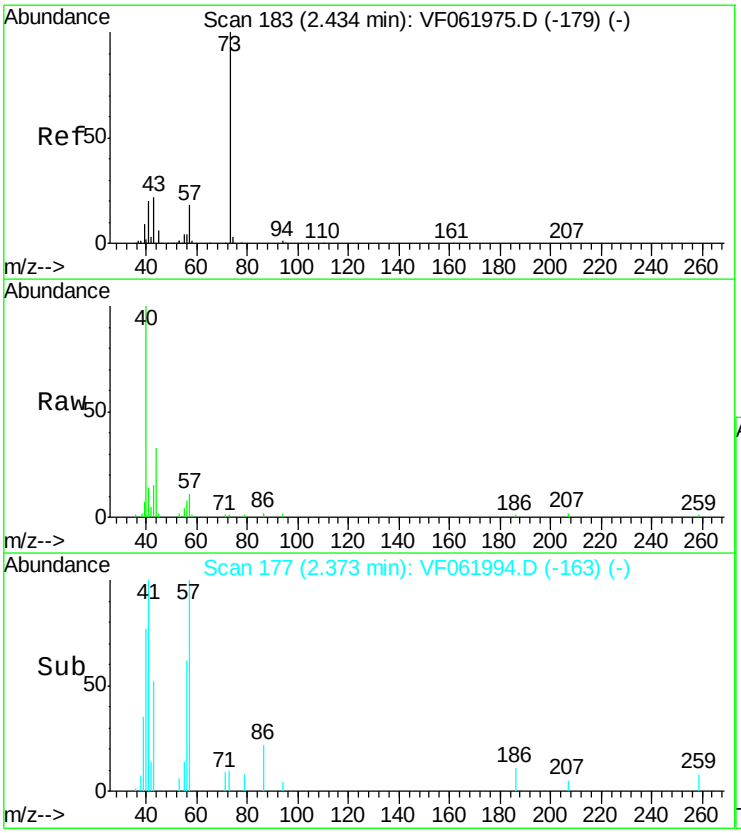
#16
Acetone
Concen: 6.152 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.00 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2663

Ion	Ratio	Lower	Upper
43	100		
58	22.2	19.9	29.9

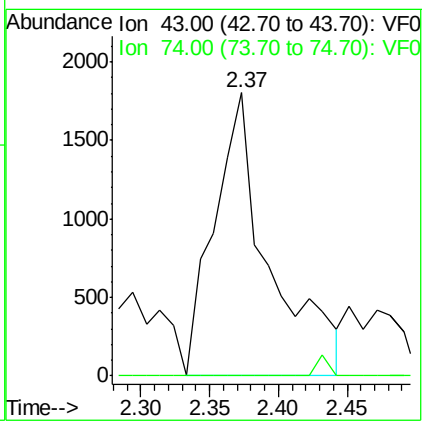


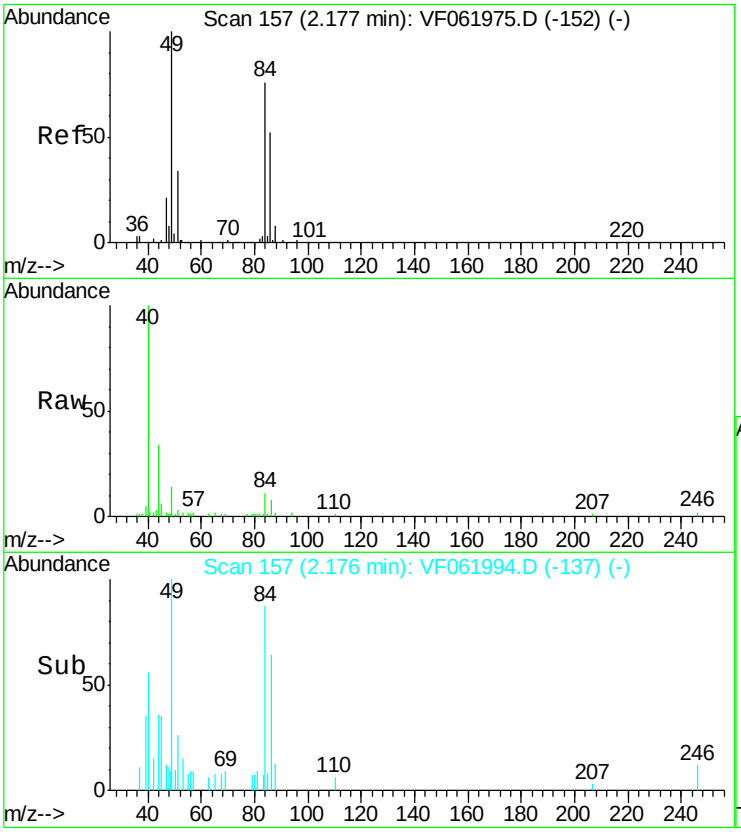


#18
Methyl Acetate
Concen: 5.659 ug/l
RT: 2.37 min Scan# 177
Delta R.T. -0.06 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Tgt Ion: 43 Resp: 5012

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.6	18.8#



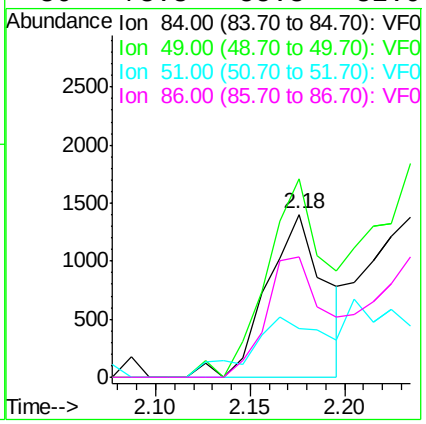


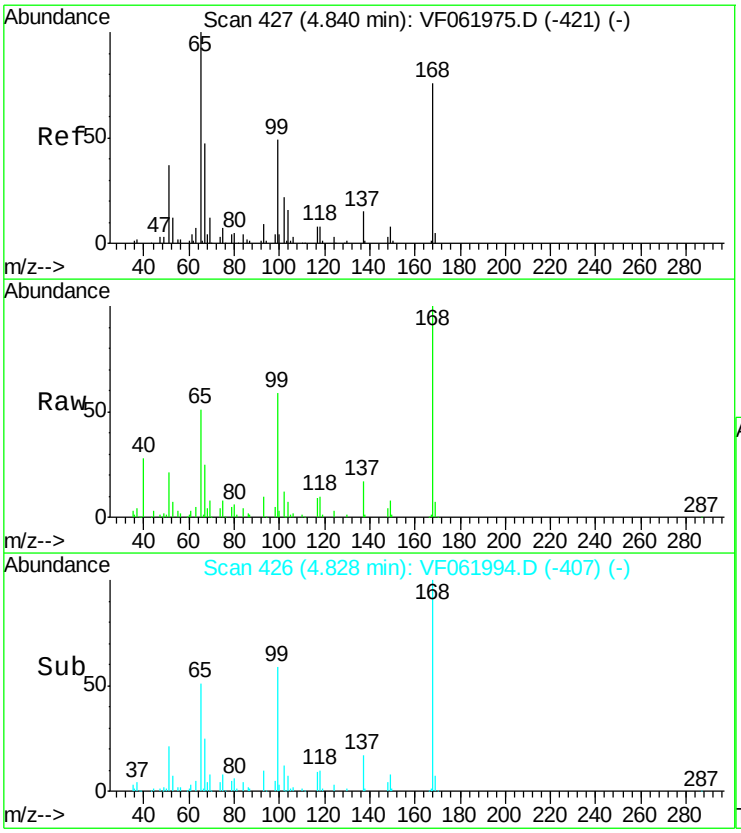
#20
Methylene Chloride
Concen: 1.348 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.00 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 3004

Ion	Ratio	Lower	Upper
84	100		
49	122.0	107.0	160.6
51	30.1	37.2	55.8#
86	73.8	55.3	82.9

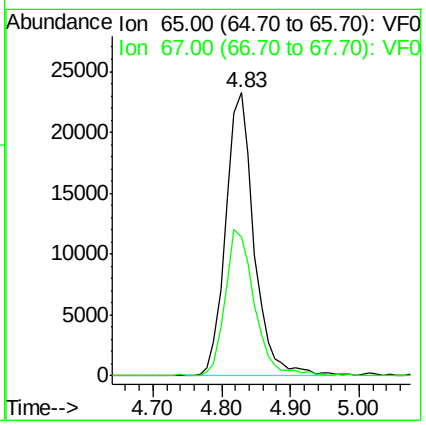


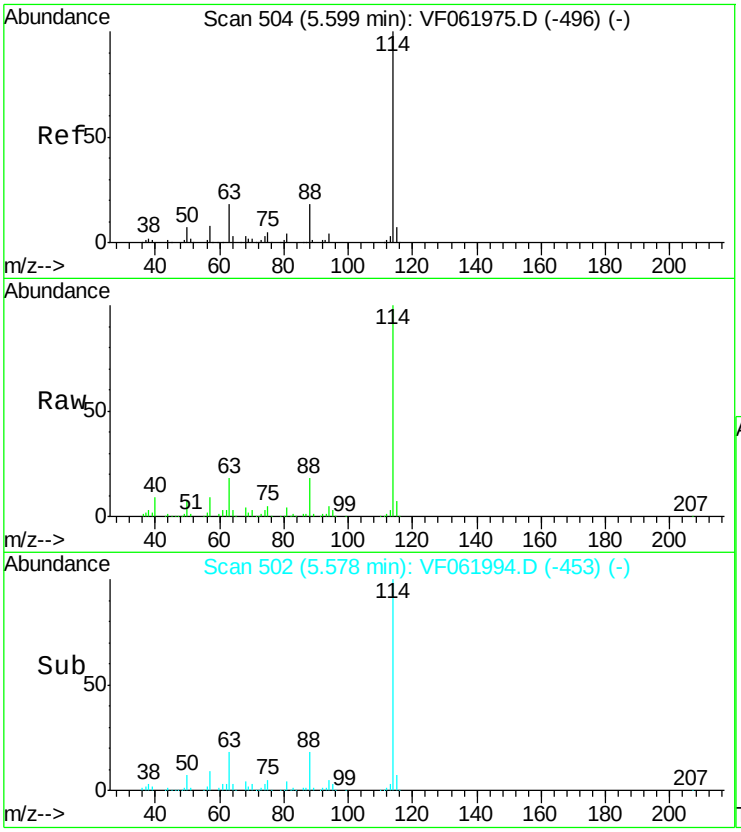


#33
1,2-Dichloroethane-d4
Concen: 34.505 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.01 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Tgt Ion: 65 Resp: 66519

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	109.4



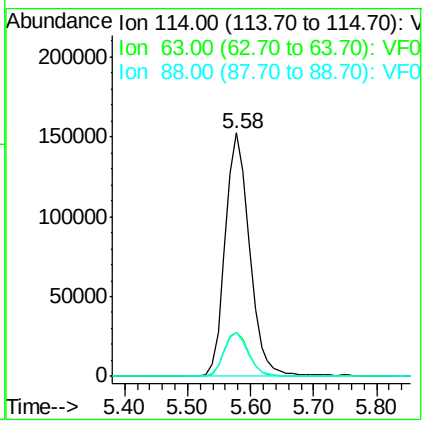


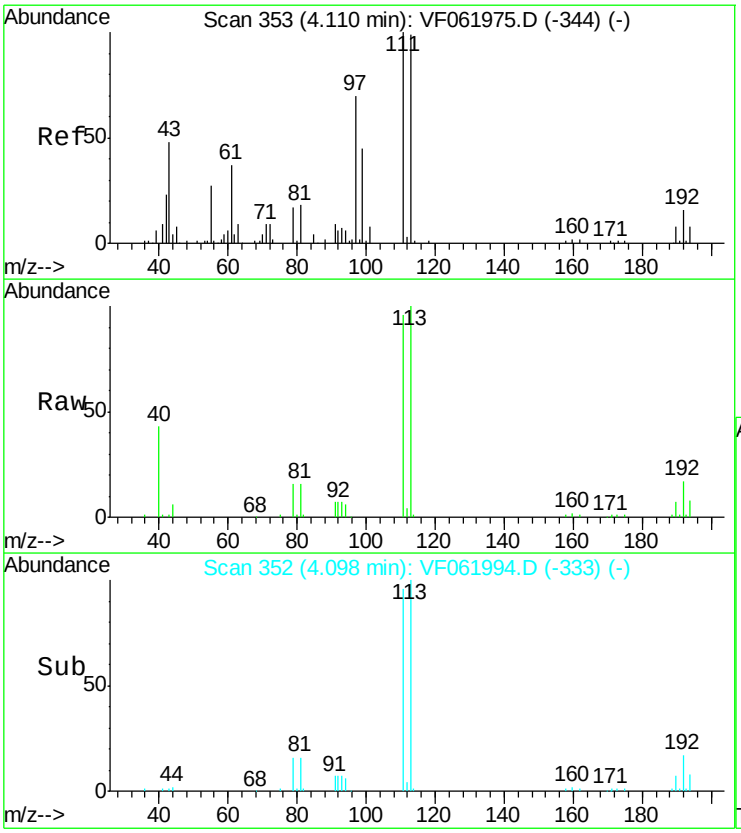
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.02 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 409212

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.4
88	18.1	0.0	36.4

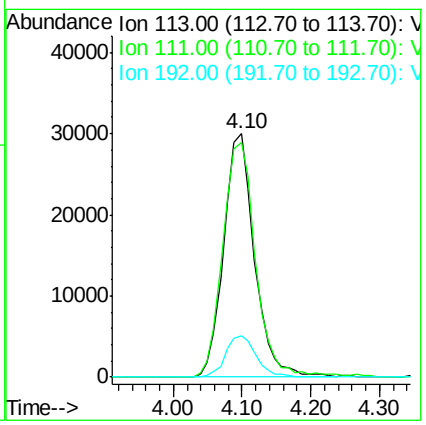


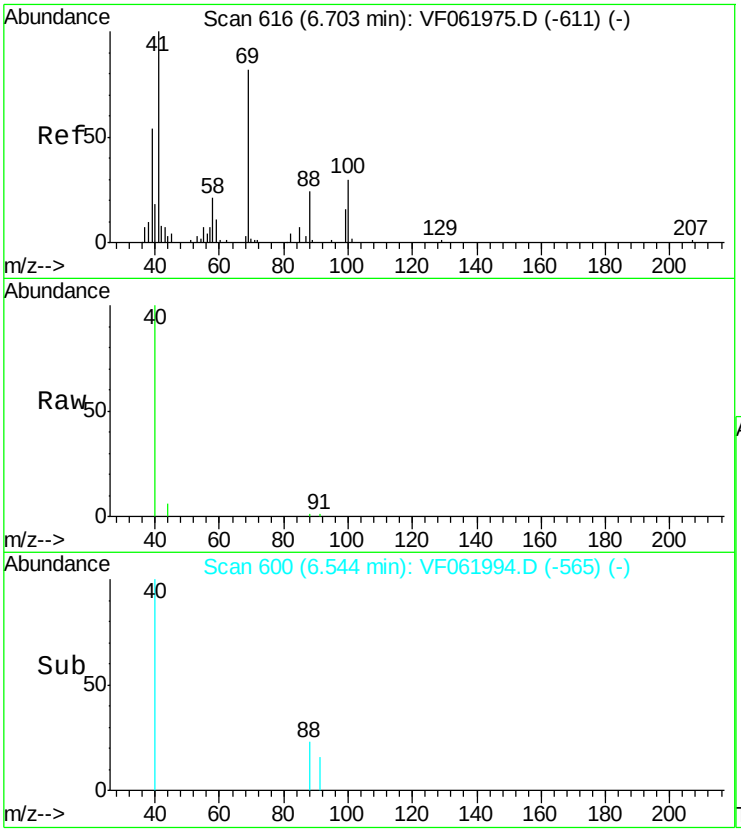


#35
Dibromofluoromethane
Concen: 33.793 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Tgt Ion:113 Resp: 92861

Ion	Ratio	Lower	Upper
113	100		
111	96.2	80.8	121.2
192	17.1	13.0	19.6



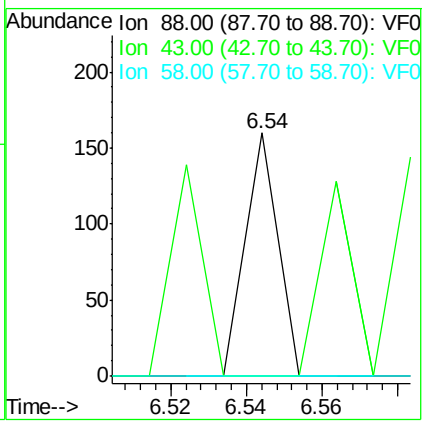


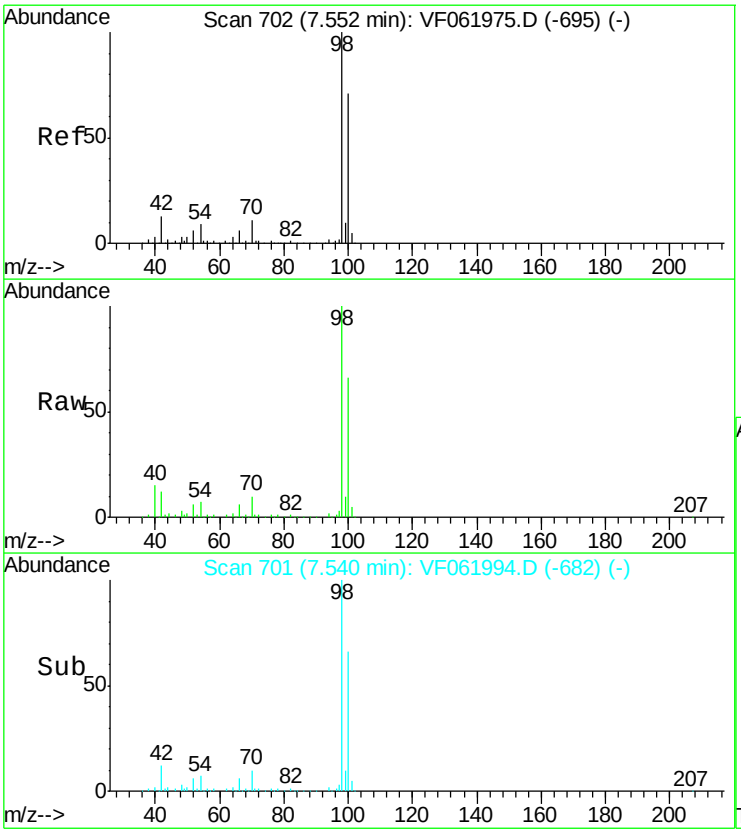
#49
1,4-Dioxane
Concen: 8.418 ug/l
RT: 6.54 min Scan# 600
Delta R.T. -0.16 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 95

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.2	46.8#
58	0.0	69.9	104.9#

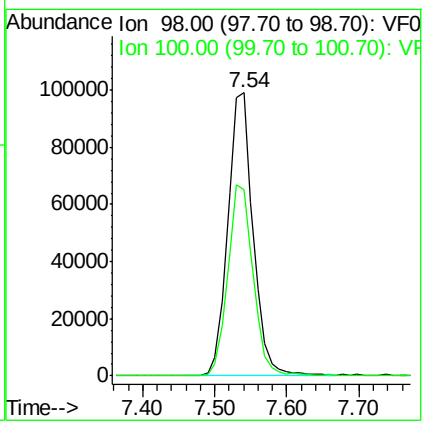


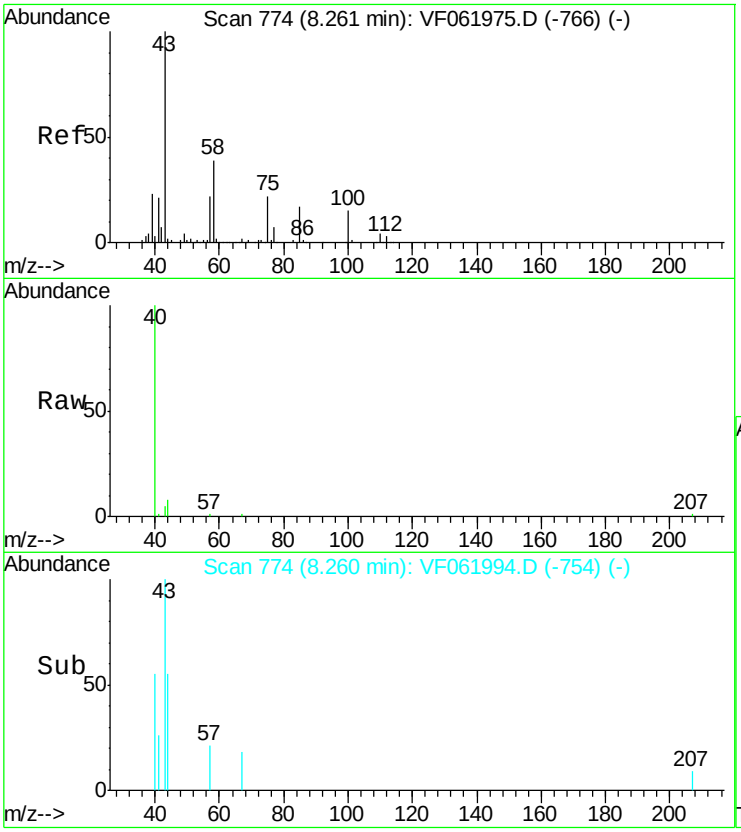


#50
Toluene-d8
Concen: 30.113 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Tgt Ion: 98 Resp: 241895

Ion	Ratio	Lower	Upper
98	100		
100	65.7	56.8	85.2



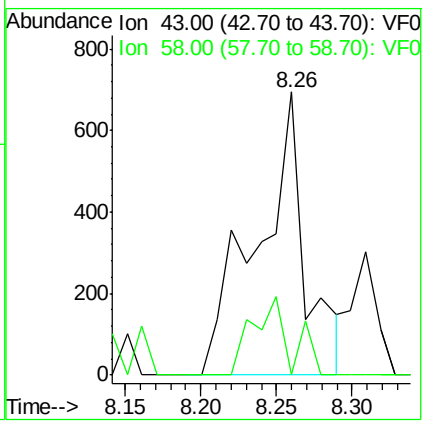


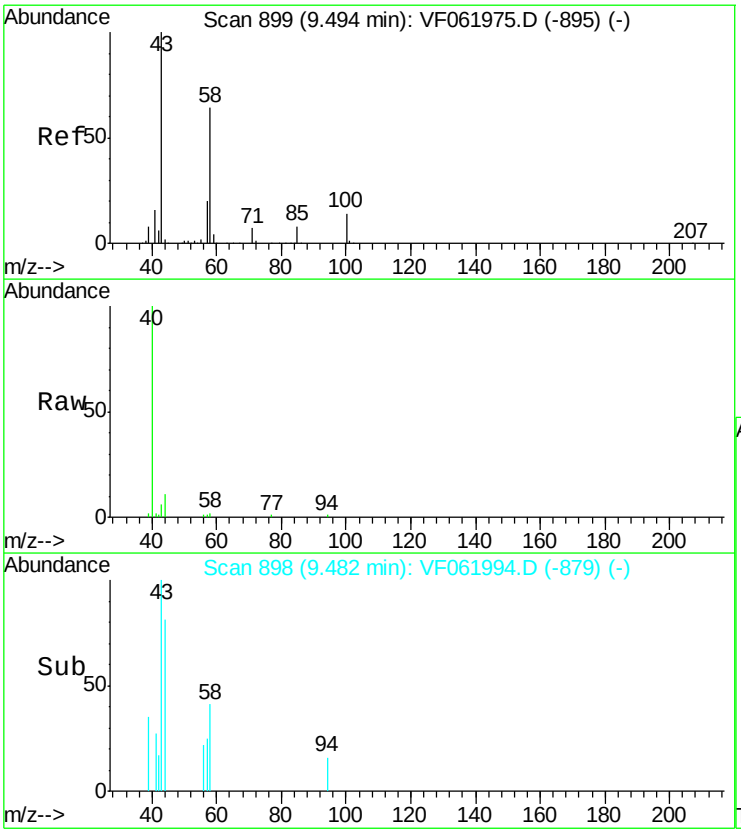
#51
4-Methyl-2-Pentanone
Concen: 1.106 ug/l
RT: 8.26 min Scan# 774
Delta R.T. -0.00 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1542

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.1	46.7#

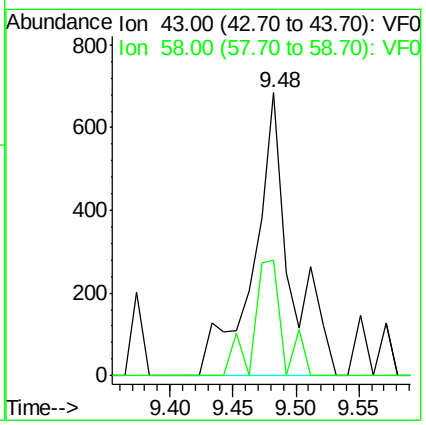


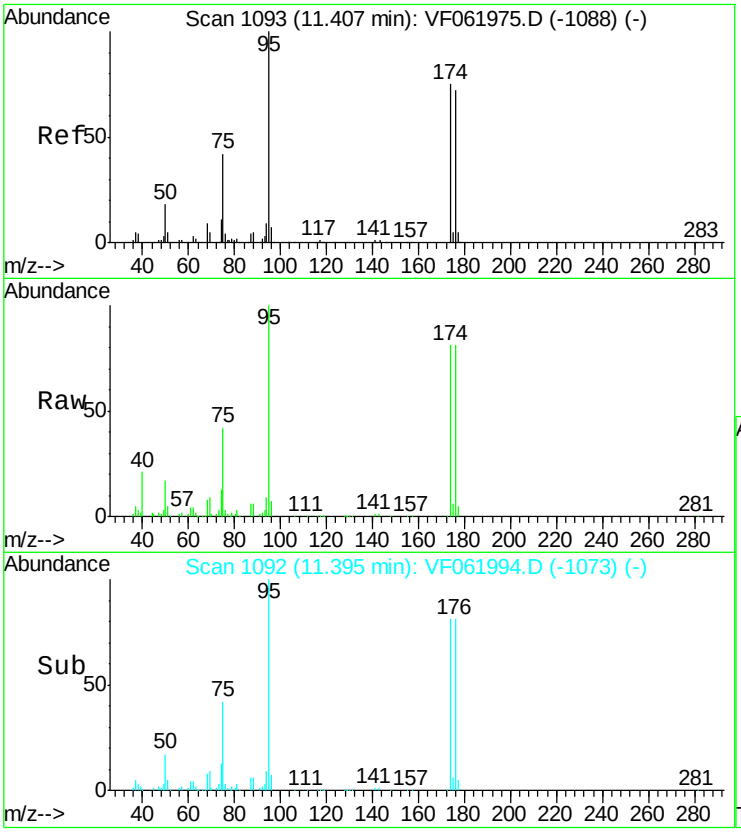


#59
2-Hexanone
Concen: 1.384 ug/l
RT: 9.48 min Scan# 898
Delta R.T. -0.01 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Tgt Ion: 43 Resp: 1396

Ion	Ratio	Lower	Upper
43	100		
58	40.6	28.4	85.2



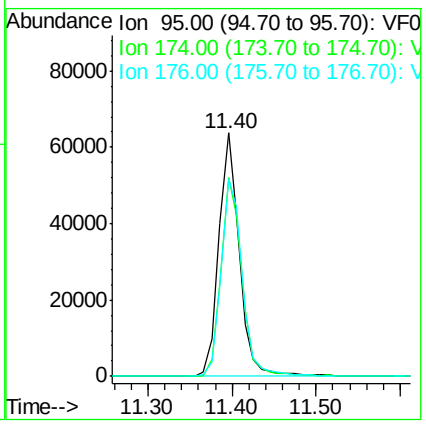


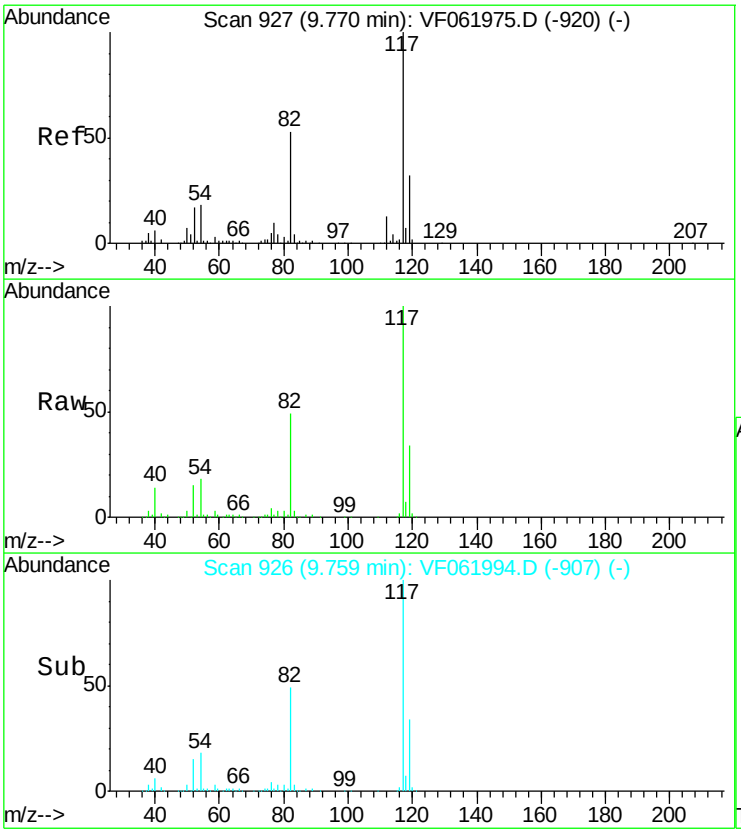
#62
4-Bromofluorobenzene
Concen: 33.751 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 107706

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	149.4
176	81.2	0.0	143.4

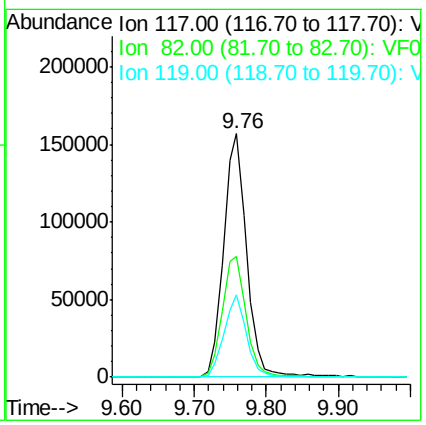


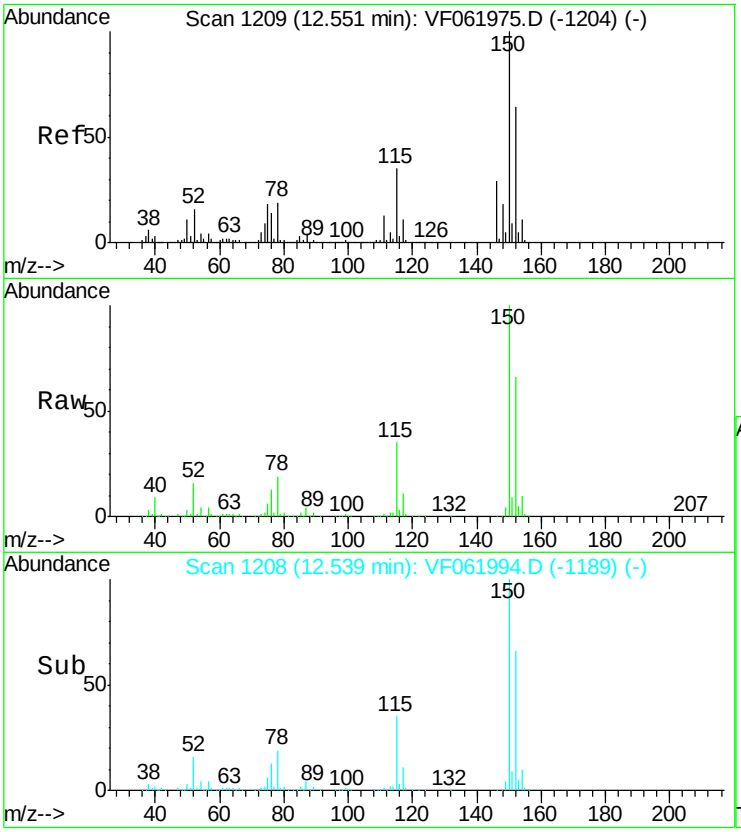


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Tgt Ion:117 Resp: 347552

Ion	Ratio	Lower	Upper
117	100		
82	49.3	42.5	63.7
119	34.1	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061994.D
Acq: 18 Mar 2019 13:39

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 196670

Ion	Ratio	Lower	Upper
152	100		
115	52.2	27.3	81.9
150	151.4	0.0	316.2