Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031619\
Data File : VF061979.D
Acq On : 16 Mar 2019 17:01
Operator : VA/AP
Sample : VF0316SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0316SBL01

Quant Time: Mar 18 07:36:38 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	4.86	168	261848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	410538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	301897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	180326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	95981	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.84%			
35) Dibromofluoromethane	4.11	113	142447	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.34%			
50) Toluene-d8	7.56	98	386055	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.80%			
62) 4-Bromofluorobenzene	11.41	95	144313	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.16%			
Target Compounds						Qvalue
13) Acrolein	1.99	56	515	4.136	ug/l #	78
16) Acetone	2.23	43	1372	3.242	ug/l #	66
18) Methyl Acetate	2.42	43	923	1.066	ug/l #	63
20) Methylene Chloride	2.25	84	3537	1.623	ug/l	98
25) 2-Butanone	4.33	43	1560	1.861	ug/l #	51
49) 1,4-Dioxane	6.36	88	62	5.476	ug/l #	1
51) 4-Methyl-2-Pentanone	8.28	43	1690	1.208	ug/l	99
59) 2-Hexanone	9.50	43	2022	1.998	ug/l	71

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

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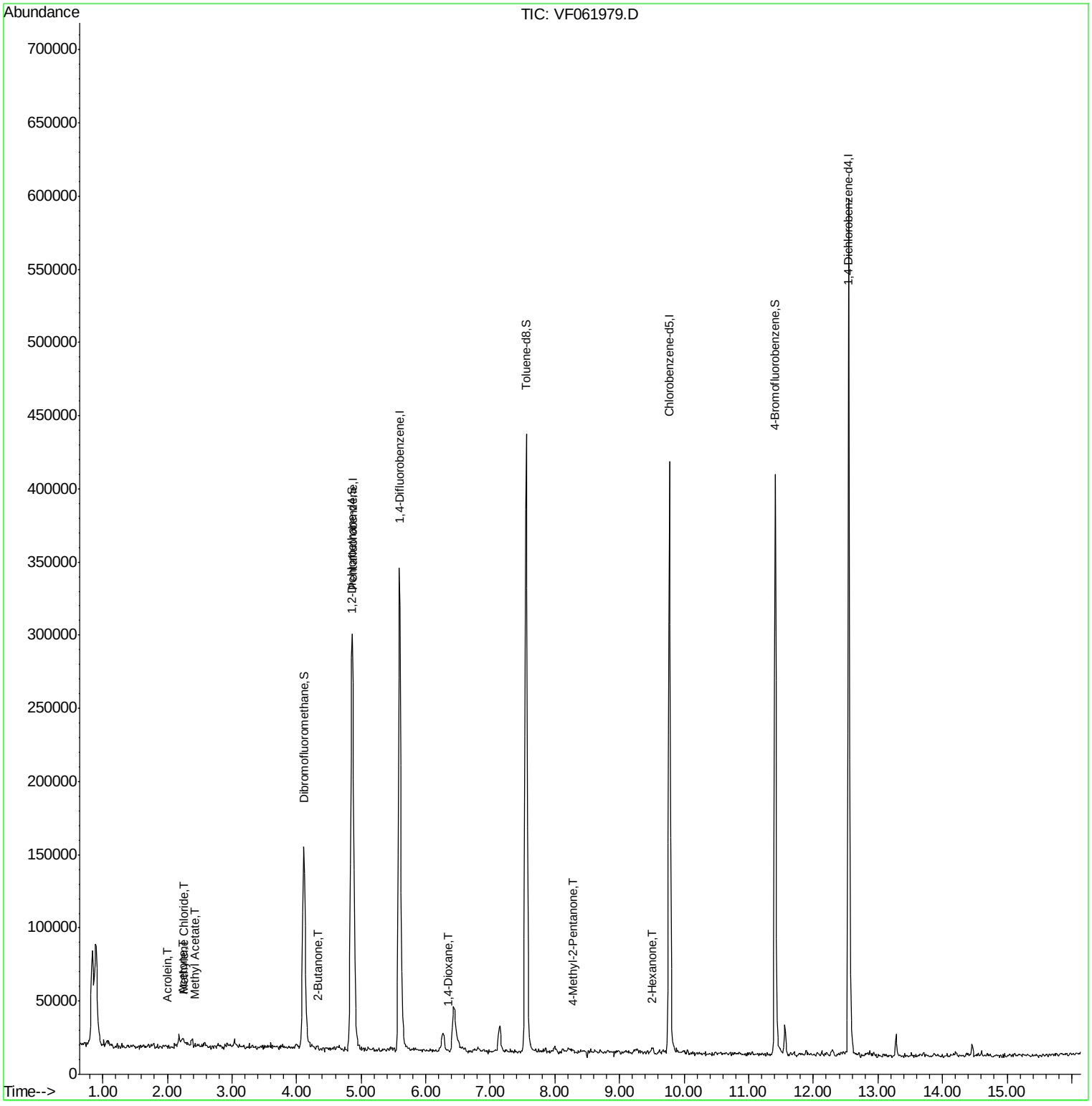
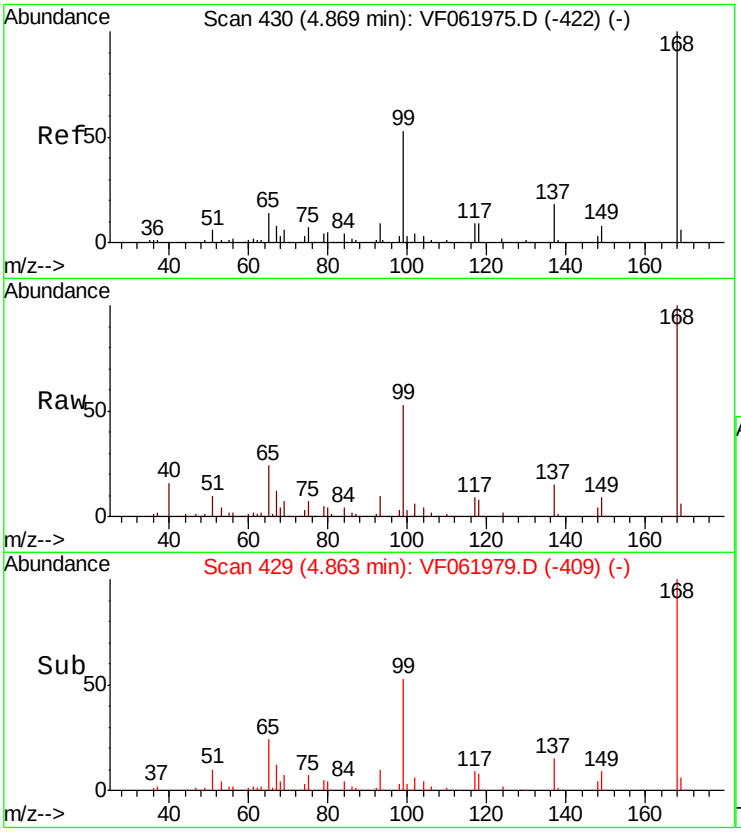


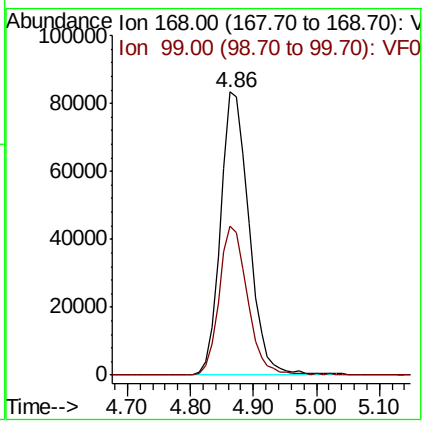


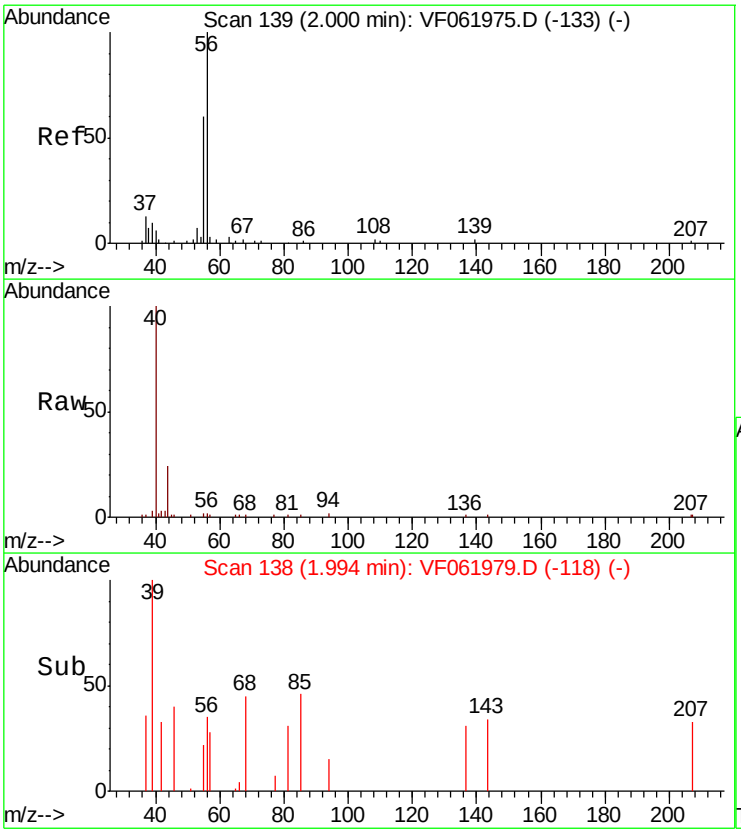
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.01 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Instrument :
MSVOA_F
ClientSampleId :
VF0316SBL01

Tgt Ion:168 Resp: 261848

Ion	Ratio	Lower	Upper
168	100		
99	52.8	42.4	63.6

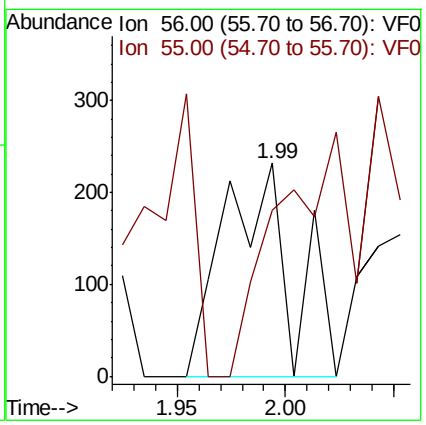


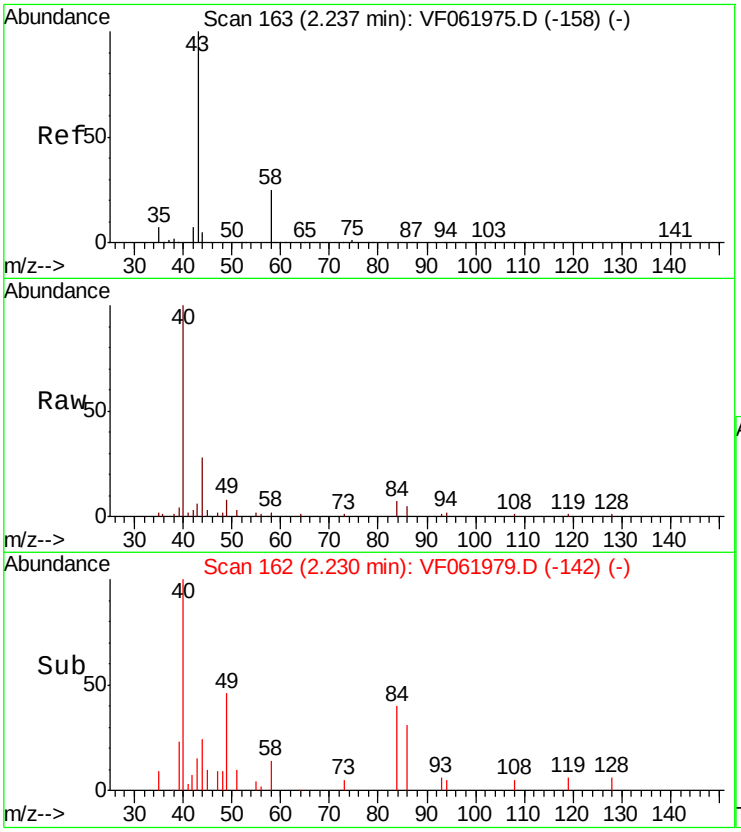


#13
Acrolein
Concen: 4.136 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.01 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Tgt Ion: 56 Resp: 515

Ion	Ratio	Lower	Upper
56	100		
55	78.0	49.1	73.7#



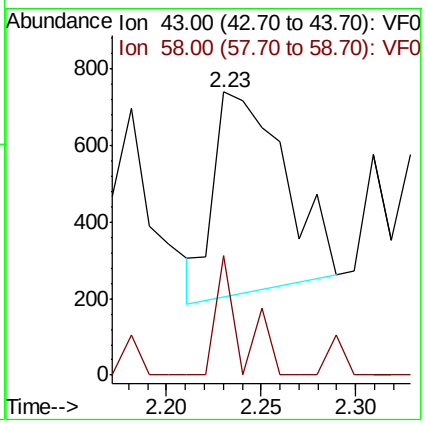


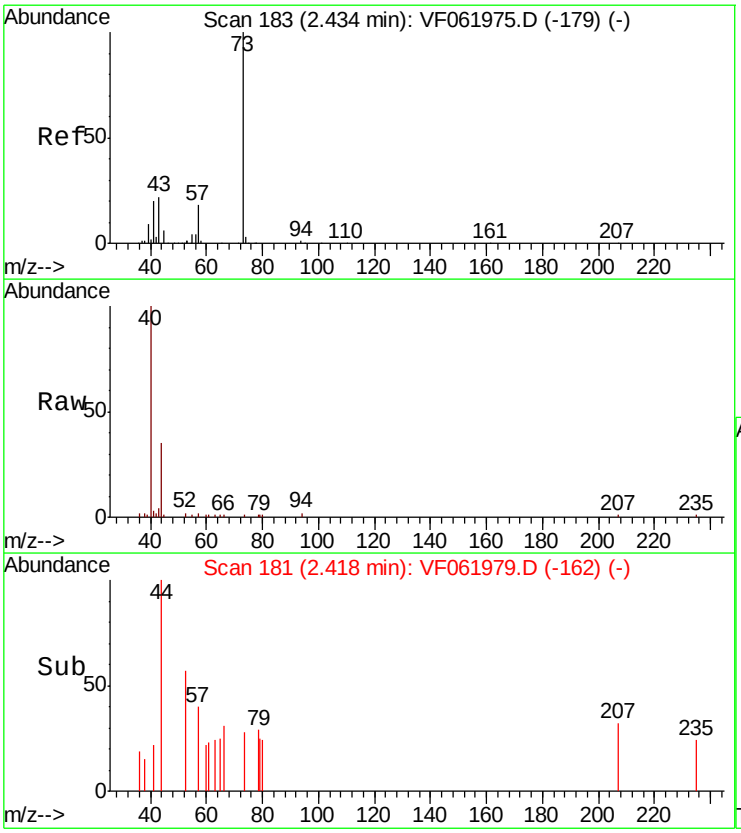
#16
Acetone
Concen: 3.242 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Instrument :
MSVOA_F
ClientSampleId :
VF0316SBL01

Tgt Ion: 43 Resp: 1372

Ion	Ratio	Lower	Upper
43	100		
58	42.1	19.9	29.9#

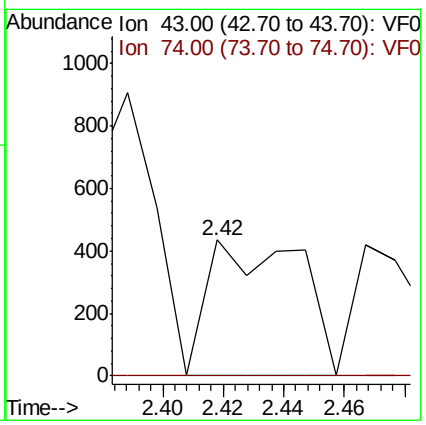


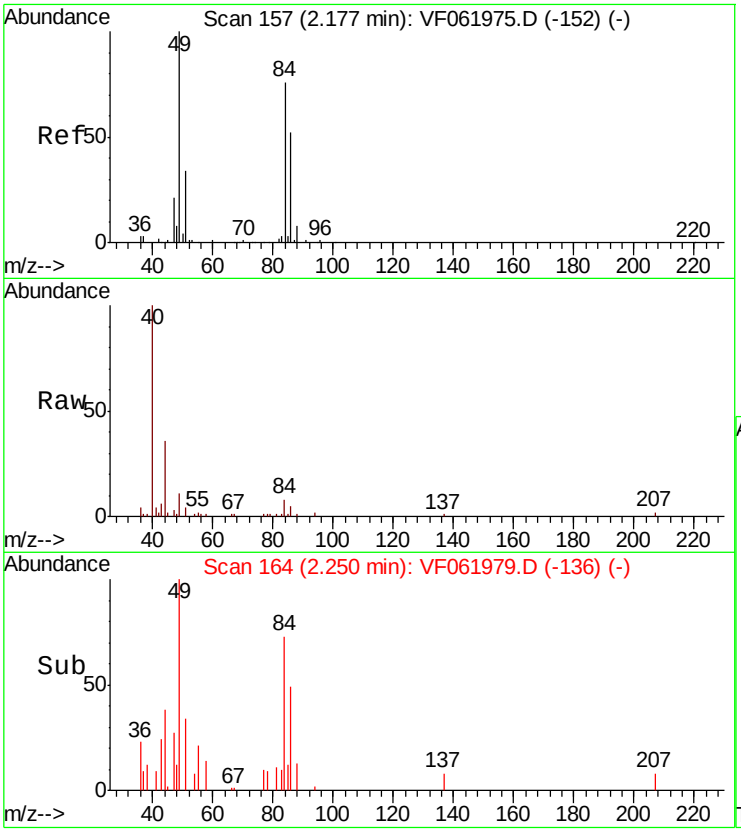


#18
Methyl Acetate
Concen: 1.066 ug/l
RT: 2.42 min Scan# 181
Delta R.T. -0.02 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Tgt Ion: 43 Resp: 923

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.6	18.8#



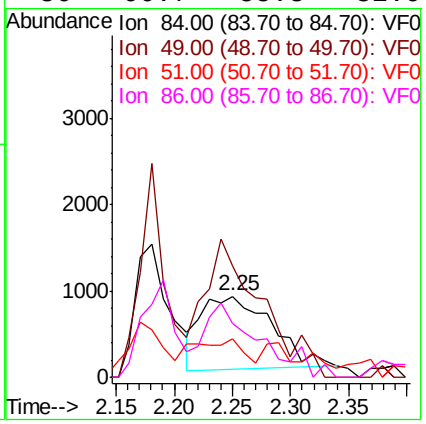


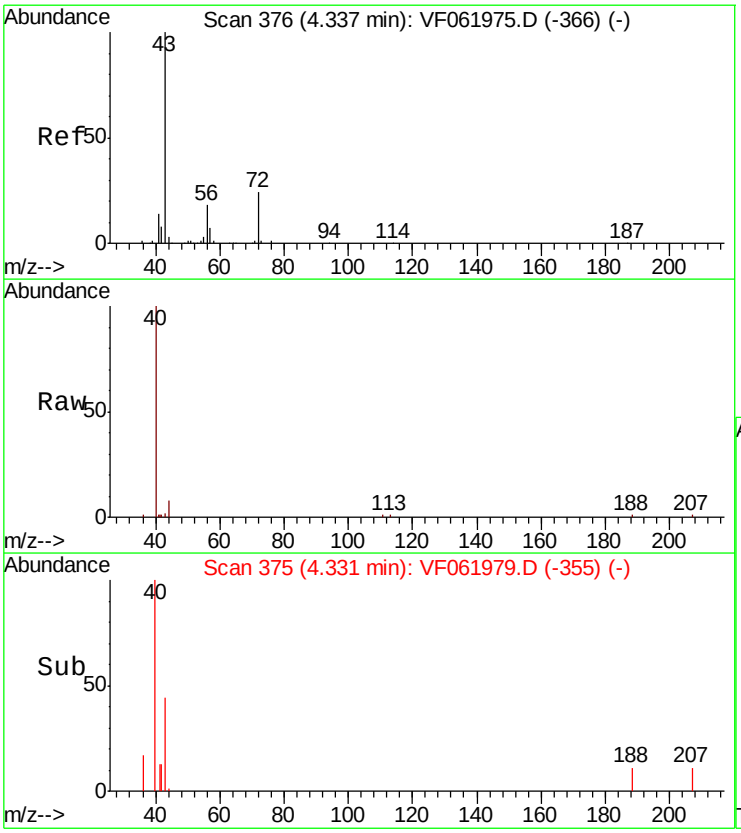
#20
Methylene Chloride
Concen: 1.623 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.07 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Instrument : MSVOA_F
ClientSampleId : VF0316SBL01

Tgt Ion: 84 Resp: 3537

Ion	Ratio	Lower	Upper
84	100		
49	136.9	107.0	160.6
51	47.0	37.2	55.8
86	66.7	55.3	82.9

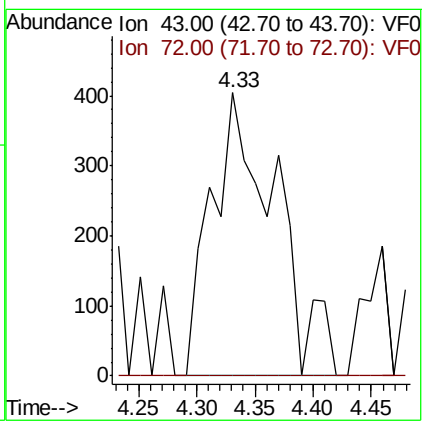


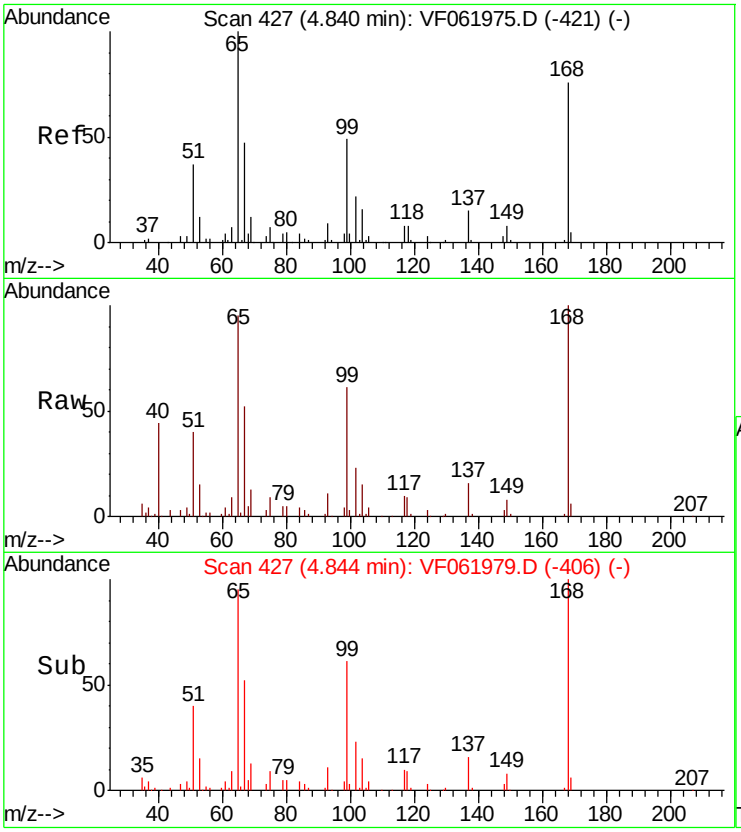


#25
2-Butanone
Concen: 1.861 ug/l
RT: 4.33 min Scan# 375
Delta R.T. -0.01 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Tgt Ion: 43 Resp: 1560

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.6#



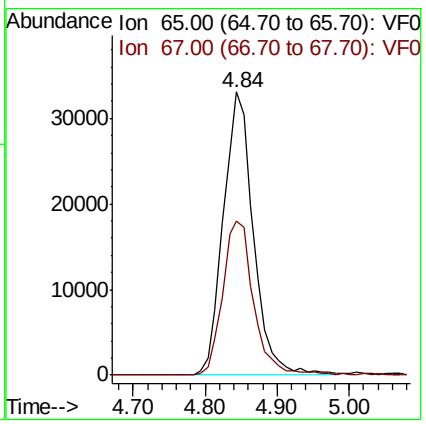


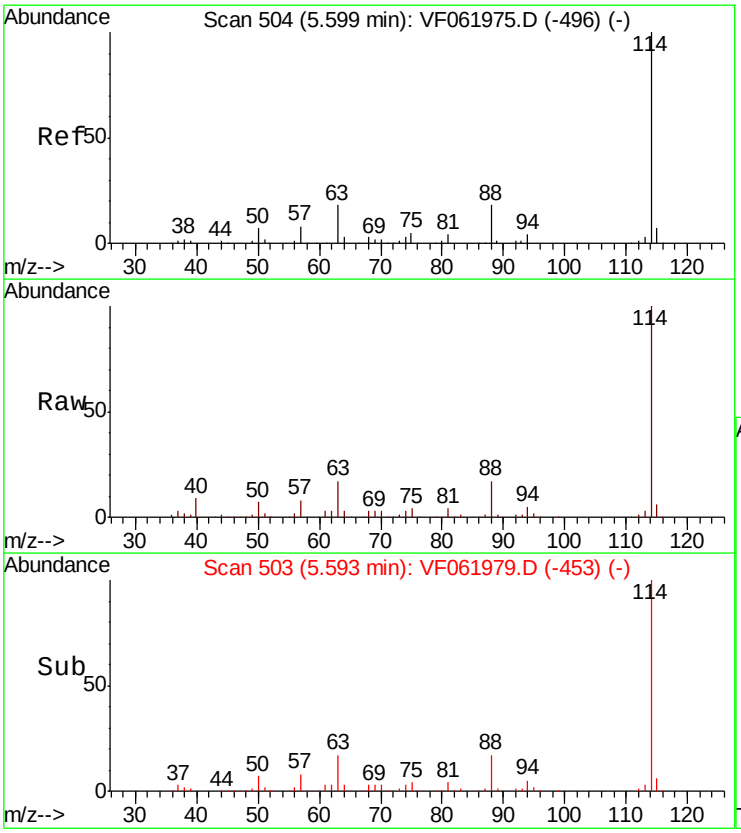
#33
1,2-Dichloroethane-d4
Concen: 50.921 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.00 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Instrument :
MSVOA_F
ClientSampleId :
VF0316SBL01

Tgt Ion: 65 Resp: 95981

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.4

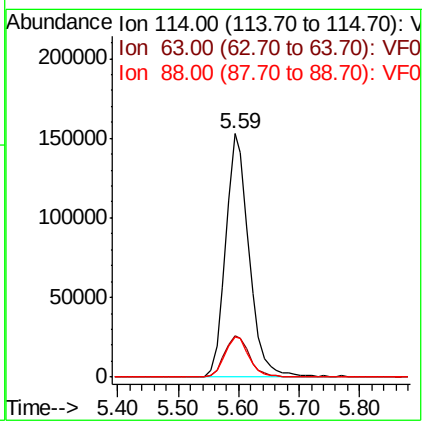


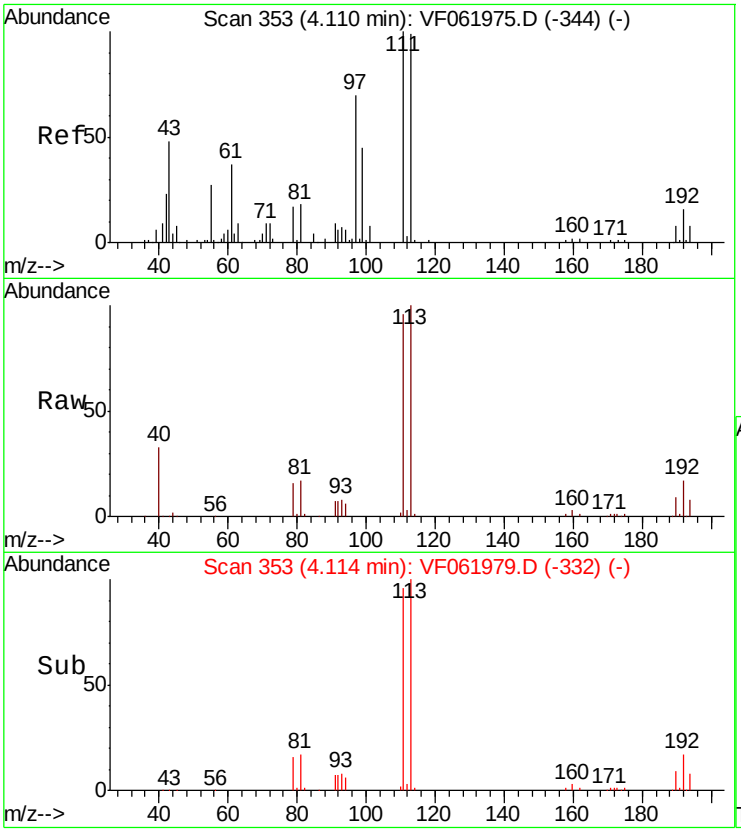


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Tgt Ion:114 Resp: 410538

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	36.4
88	16.6	0.0	36.4



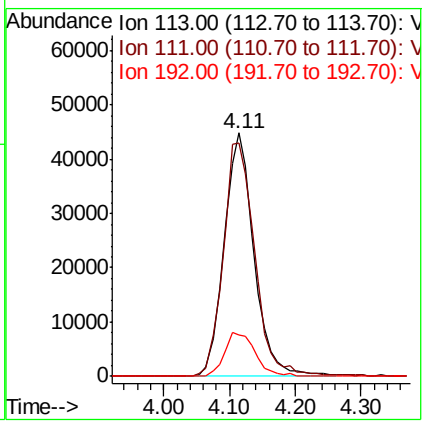


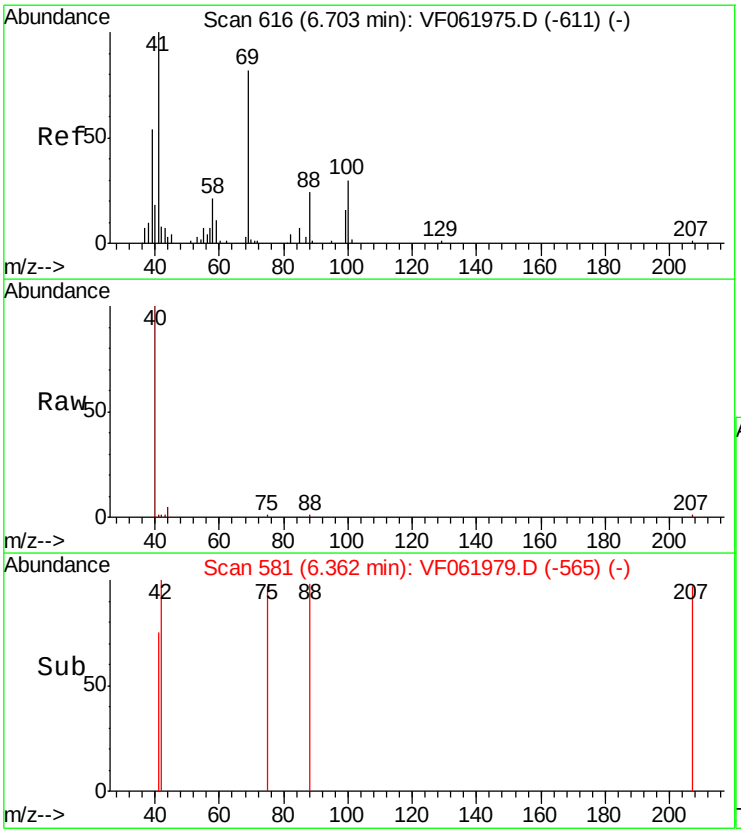
#35
Dibromofluoromethane
Concen: 51.670 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Instrument :
MSVOA_F
ClientSampleId :
VF0316SBL01

Tgt Ion:113 Resp: 142447

Ion	Ratio	Lower	Upper
113	100		
111	96.0	80.8	121.2
192	16.9	13.0	19.6

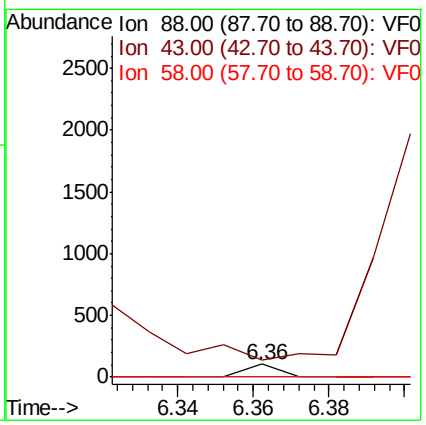


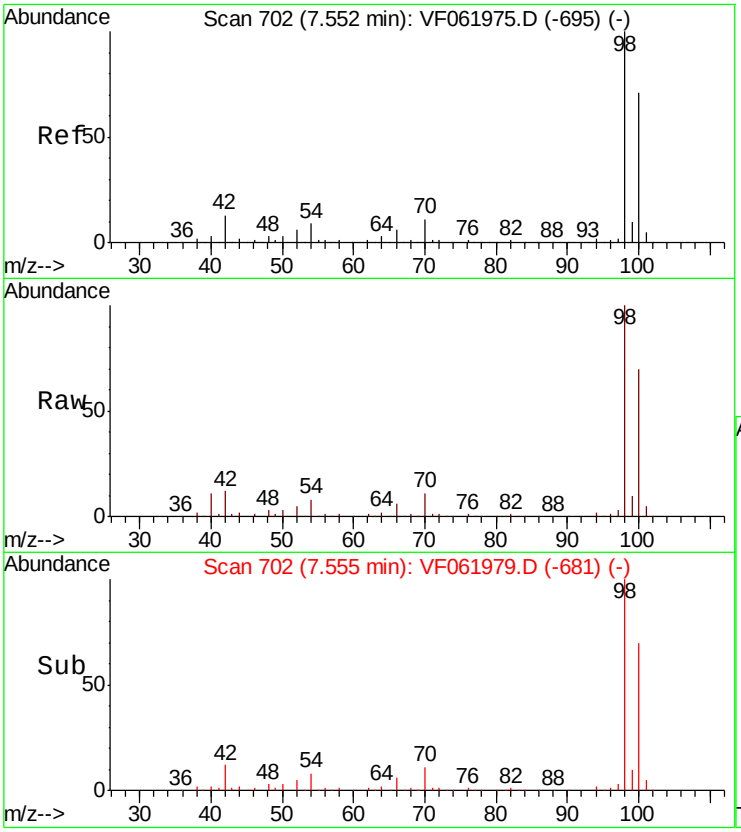


#49
1,4-Dioxane
Concen: 5.476 ug/l
RT: 6.36 min Scan# 581
Delta R.T. -0.34 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	129.8	31.2	46.8#
58	0.0	69.9	104.9#



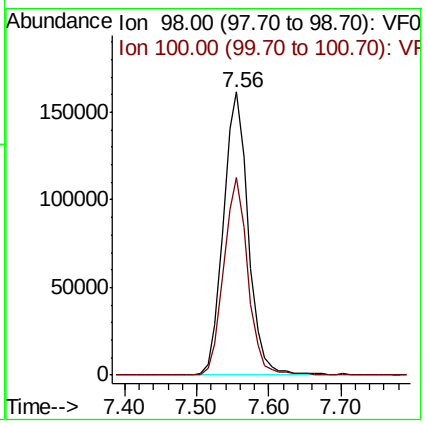


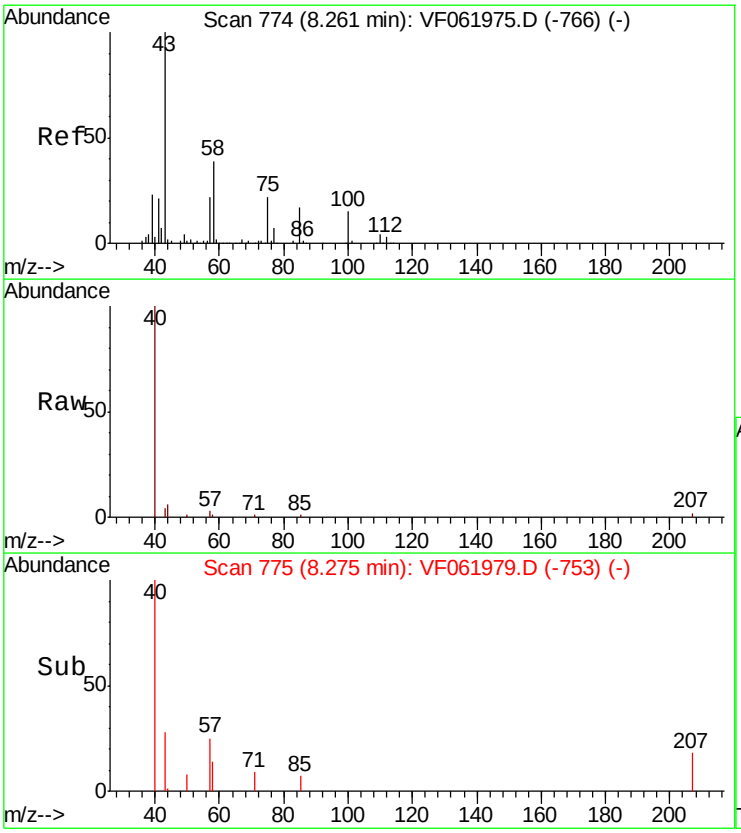
#50
Toluene-d8
Concen: 47.903 ug/l
RT: 7.56 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Instrument : MSVOA_F
ClientSampleId : VF0316SBL01

Tgt Ion: 98 Resp: 386055

Ion	Ratio	Lower	Upper
98	100		
100	69.9	56.8	85.2

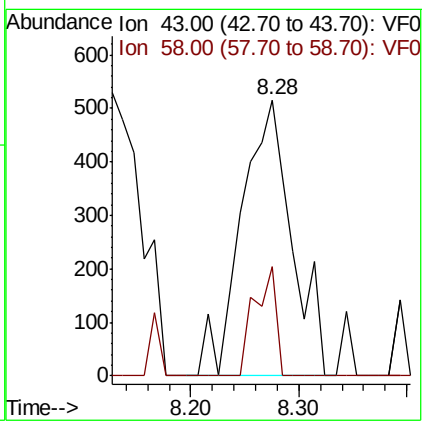


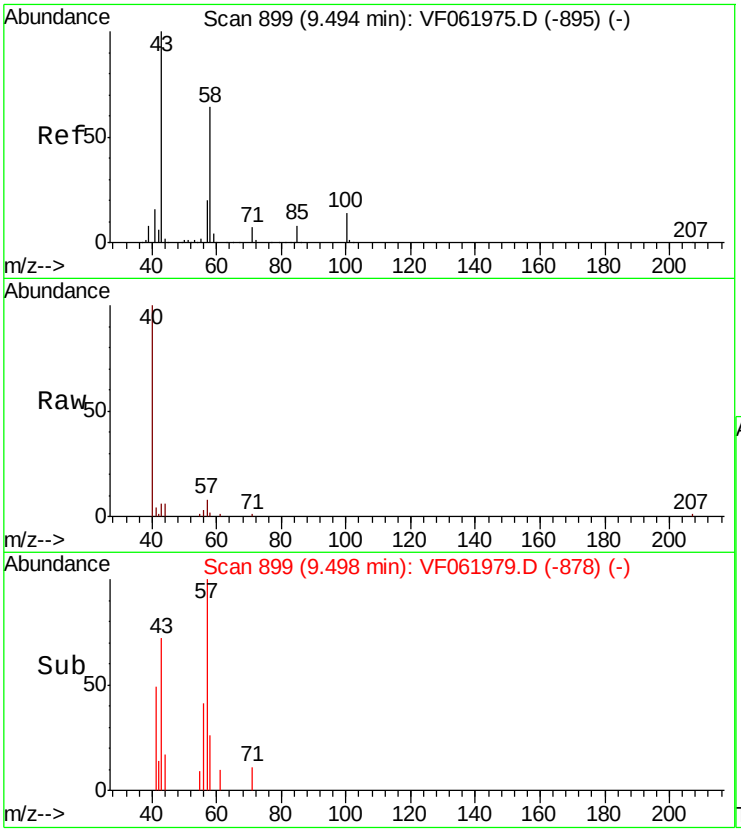


#51
4-Methyl-2-Pentanone
Concen: 1.208 ug/l
RT: 8.28 min Scan# 775
Delta R.T. 0.01 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Tgt Ion: 43 Resp: 1690

Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.1	46.7



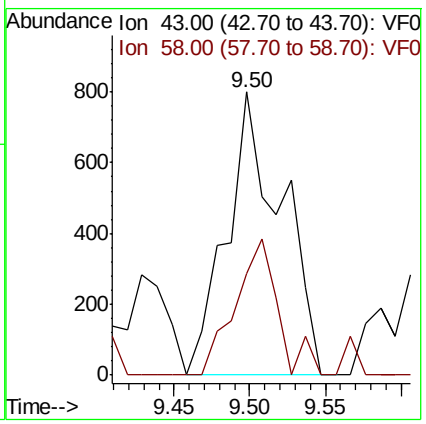


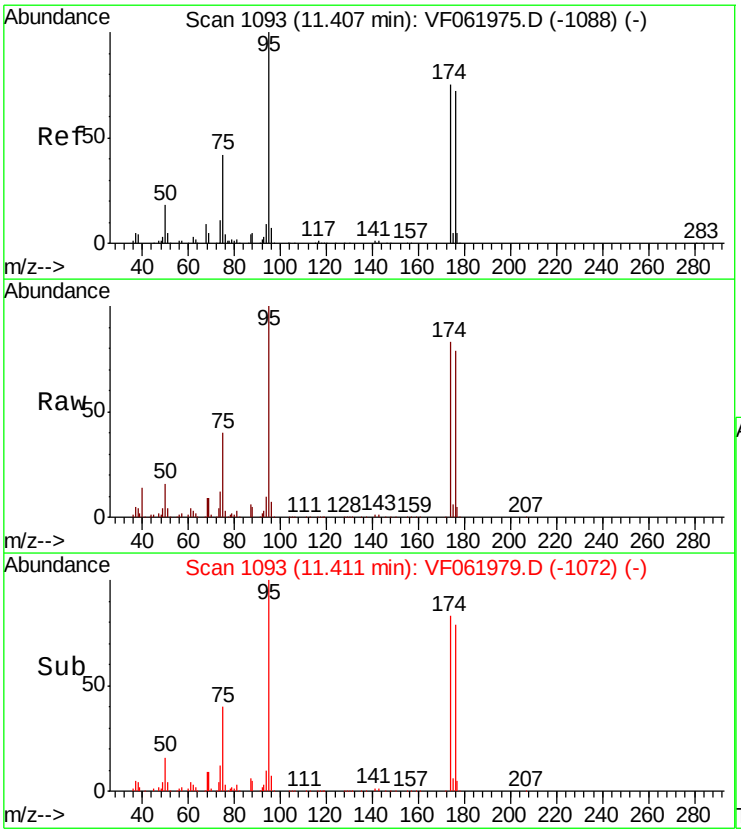
#59
2-Hexanone
Concen: 1.998 ug/l
RT: 9.50 min Scan# 899
Delta R.T. 0.00 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Instrument :
MSVOA_F
ClientSampleId :
VF0316SBL01

Tgt Ion: 43 Resp: 2022

Ion	Ratio	Lower	Upper
43	100		
58	35.8	28.4	85.2

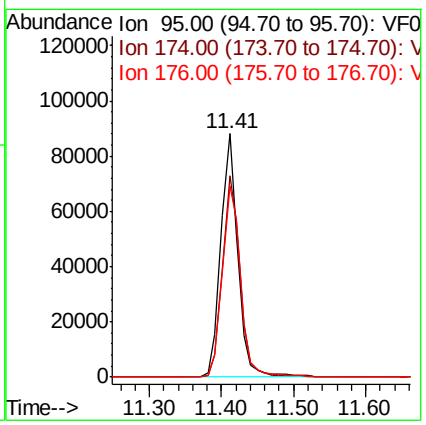


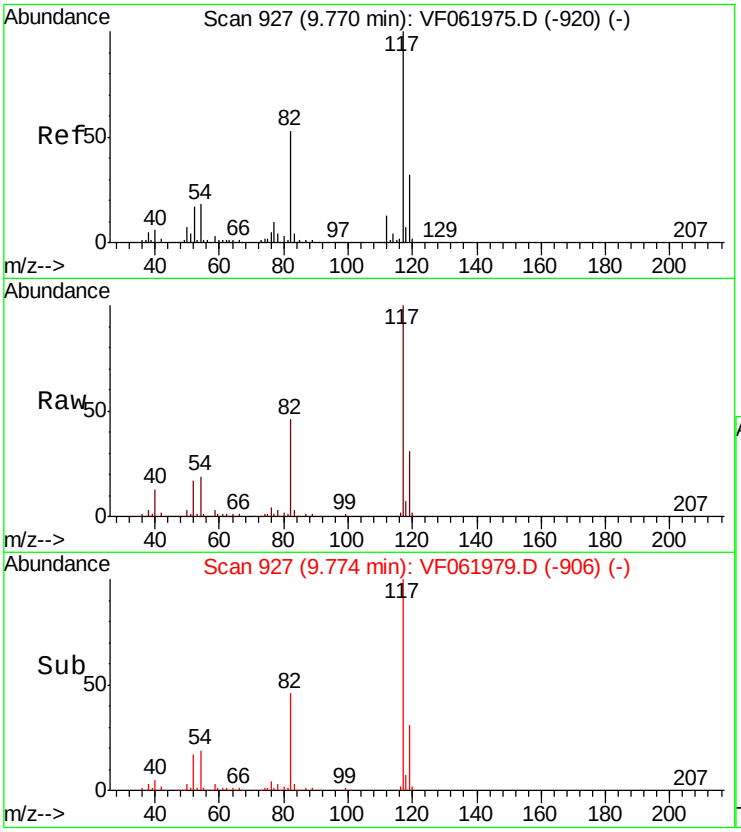


#62
4-Bromofluorobenzene
Concen: 45.076 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Tgt Ion: 95 Resp: 144313

Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	149.4
176	78.8	0.0	143.4



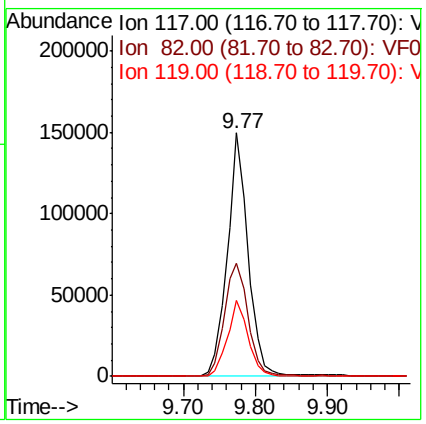


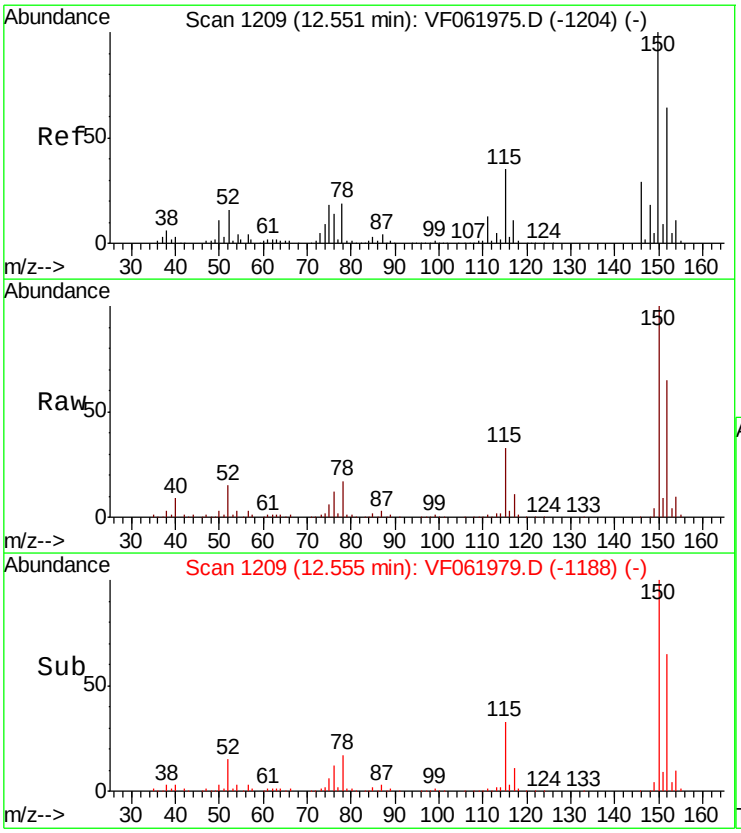
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Instrument : MSVOA_F
ClientSampleId : VF0316SBL01

Tgt Ion:117 Resp: 301897

Ion	Ratio	Lower	Upper
117	100		
82	46.3	42.5	63.7
119	31.2	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061979.D
Acq: 16 Mar 2019 17:01

Tgt Ion:152 Resp: 180326

Ion	Ratio	Lower	Upper
152	100		
115	49.9	27.3	81.9
150	152.7	0.0	316.2