Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030519\
Data File : VF061853.D
Acq On : 5 Mar 2019 19:00
Operator : VA/AP
Sample : K1707-01
Misc : 5.15g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : S10

Quant Time: Mar 06 05:45:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	218767	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	302565	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	145627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	31236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	65315	41.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.00%			
35) Dibromofluoromethane	4.12	113	103129	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.68%			
50) Toluene-d8	7.56	98	192762	30.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.42%			
62) 4-Bromofluorobenzene	11.41	95	35057	14.26	ug/l	-0.01
Spiked Amount 50.000			Recovery = 28.52%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.59	59	259	2.864	ug/l #	1
13) Acrolein	2.04	56	214	1.868	ug/l	97
16) Acetone	2.25	43	2769	8.297	ug/l	96
18) Methyl Acetate	2.33	43	2149	Below Cal	#	62
20) Methylene Chloride	2.19	84	2456	Below Cal		92
25) 2-Butanone	4.35	43	898	1.323	ug/l #	56
29) Tetrahydrofuran	4.10	42	1595	5.448	ug/l #	36
49) 1,4-Dioxane	6.51	88	60	7.013	ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	13.62	75	63	4.706	ug/l #	1

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

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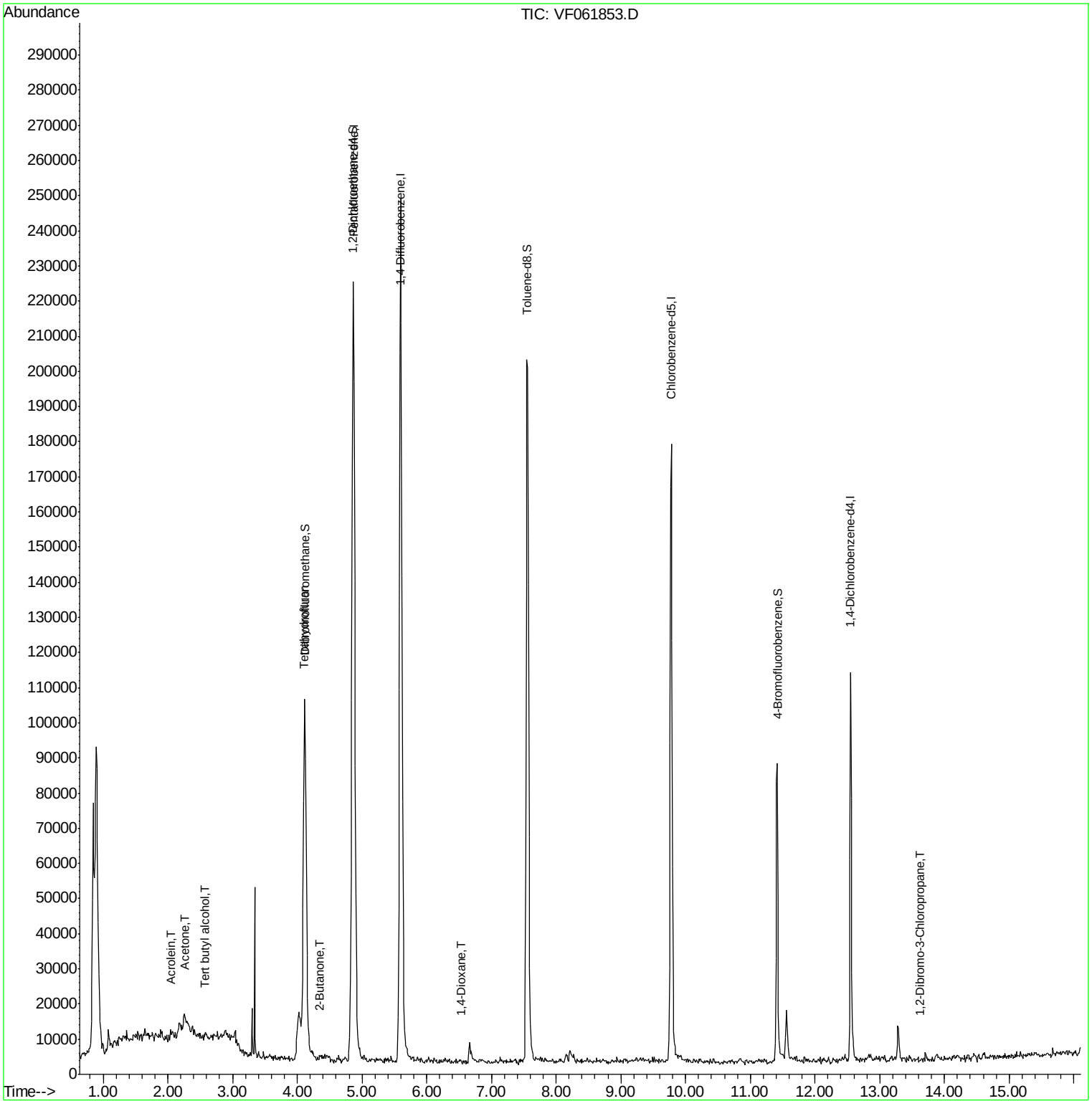
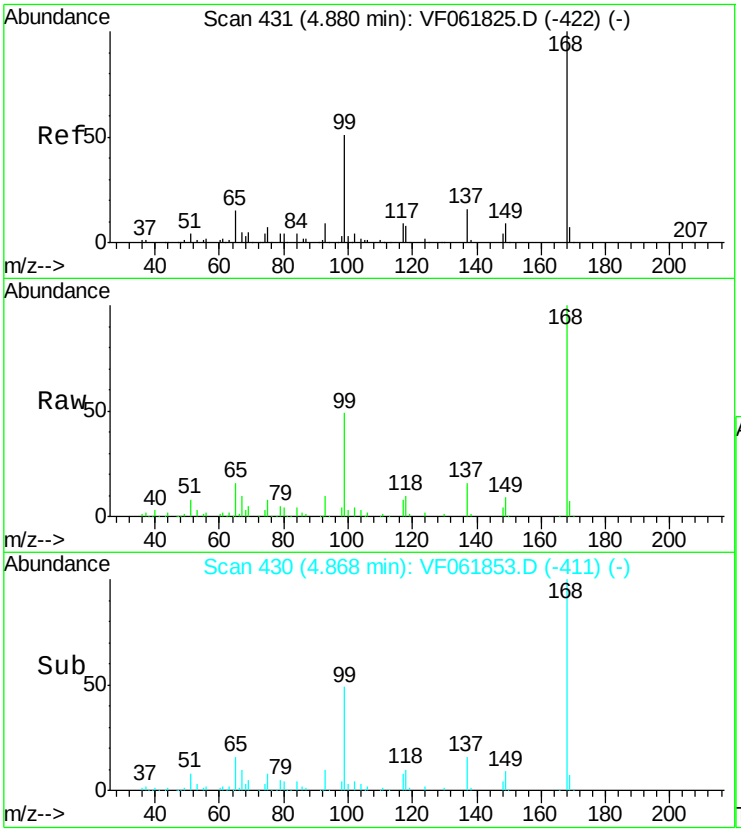


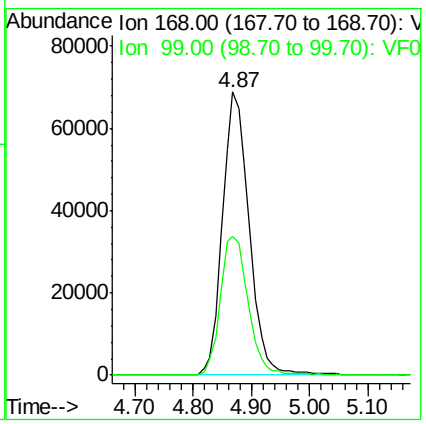


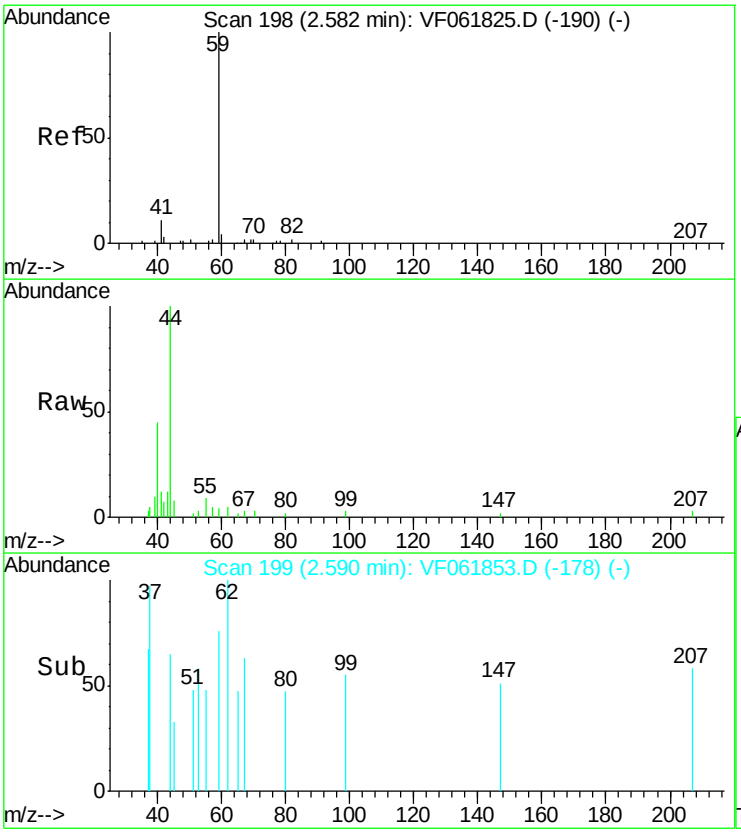
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.01 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Instrument :
MSVOA_F
ClientSampleId :
S10

Tgt Ion:168 Resp: 218767

Ion	Ratio	Lower	Upper
168	100		
99	48.9	40.8	61.2

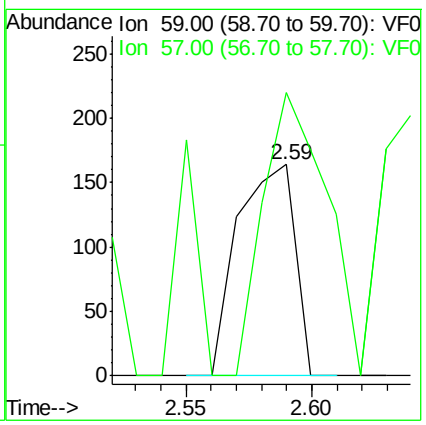


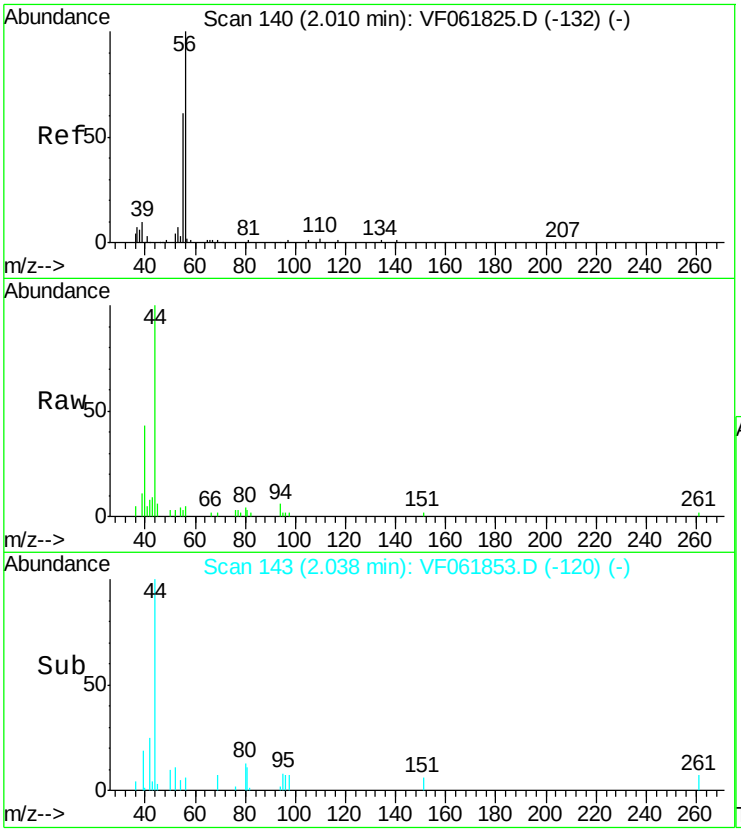


#11
Tert butyl alcohol
Concen: 2.864 ug/l
RT: 2.59 min Scan# 199
Delta R.T. 0.01 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Tgt Ion: 59 Resp: 259

Ion	Ratio	Lower	Upper
59	100		
57	134.1	11.8	17.6#



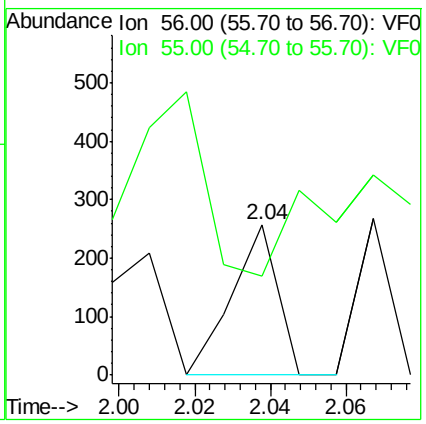


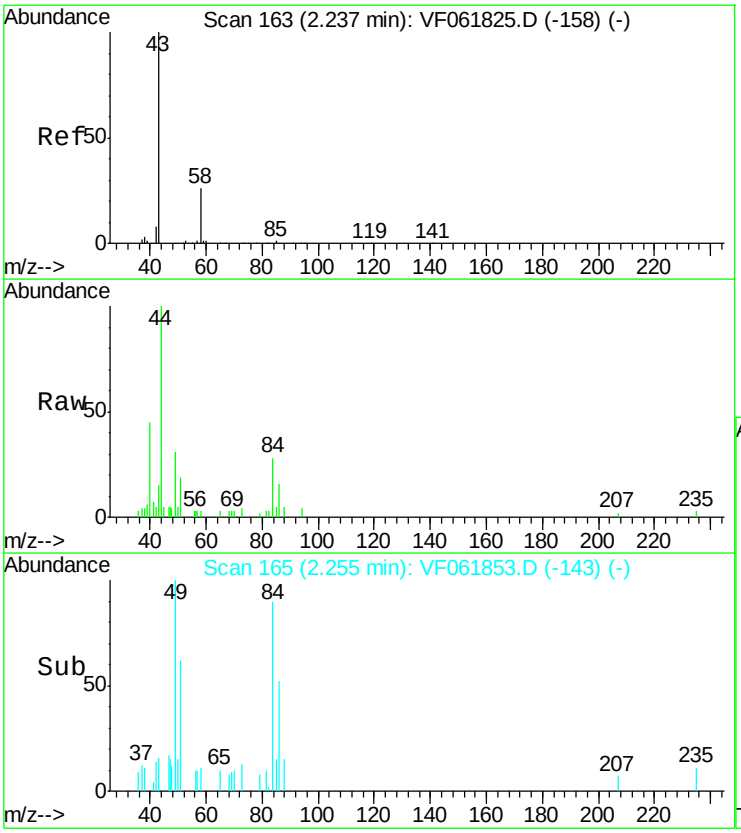
#13
Acrolein
Concen: 1.868 ug/l
RT: 2.04 min Scan# 143
Delta R.T. 0.03 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Instrument : MSVOA_F
ClientSampleId : S10

Tgt Ion: 56 Resp: 214

Ion	Ratio	Lower	Upper
56	100		
55	66.1	51.3	76.9

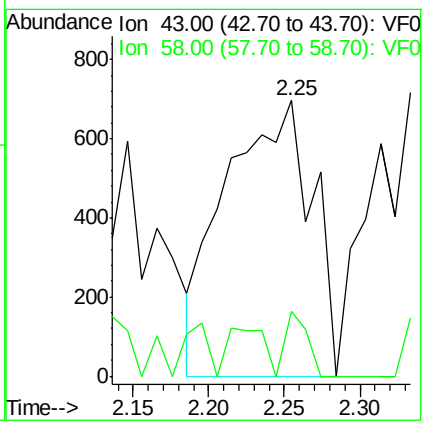


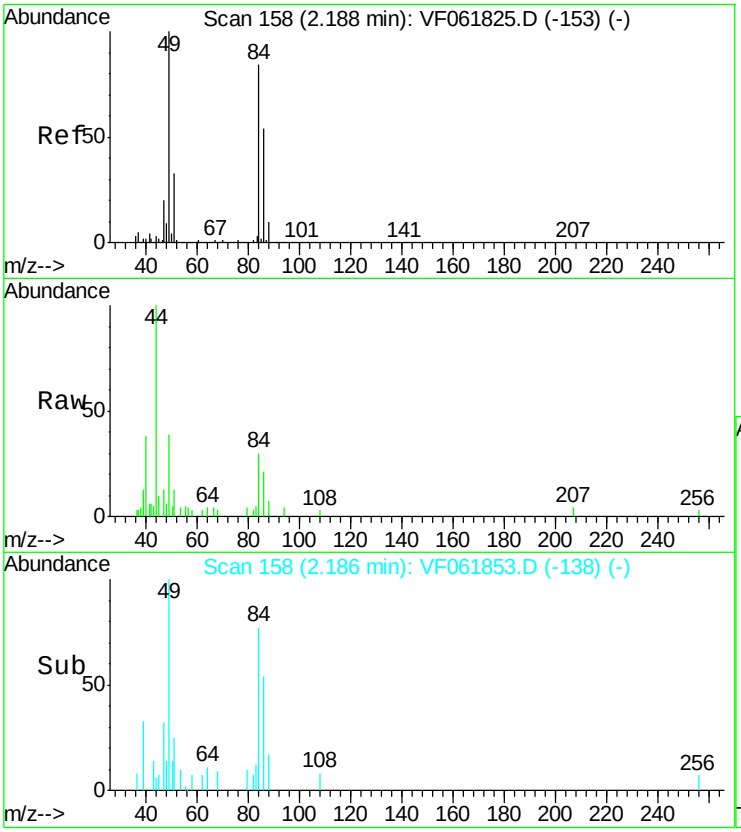


#16
Acetone
Concen: 8.297 ug/l
RT: 2.25 min Scan# 165
Delta R.T. 0.02 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Tgt Ion: 43 Resp: 2769

Ion	Ratio	Lower	Upper
43	100		
58	23.2	20.3	30.5



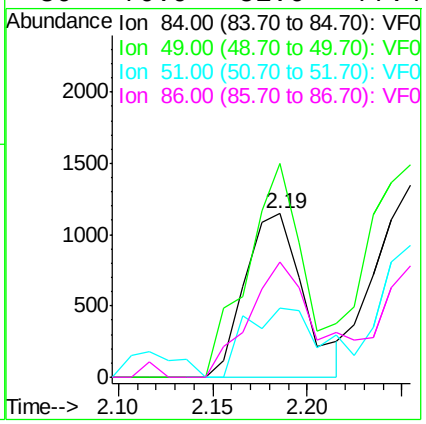


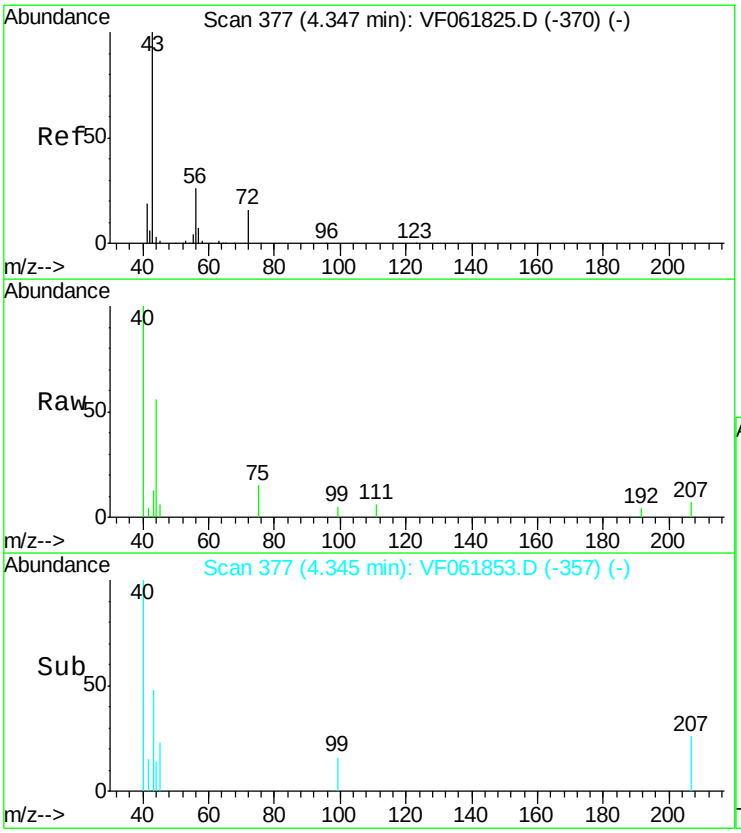
#20
Methylene Chloride
Concen: Below Cal
RT: 2.19 min Scan# 158
Delta R.T. -0.00 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Instrument : MSVOA_F
ClientSampleId : S10

Tgt Ion: 84 Resp: 2456

Ion	Ratio	Lower	Upper
84	100		
49	130.7	96.8	145.2
51	42.7	31.8	47.6
86	70.9	51.6	77.4

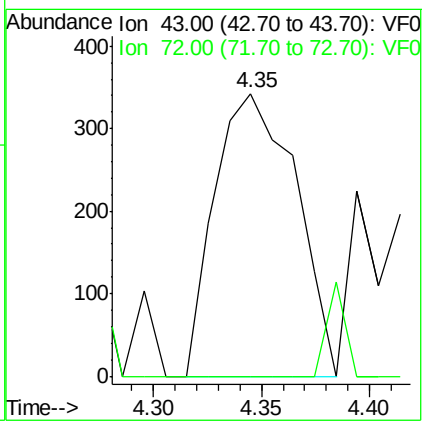


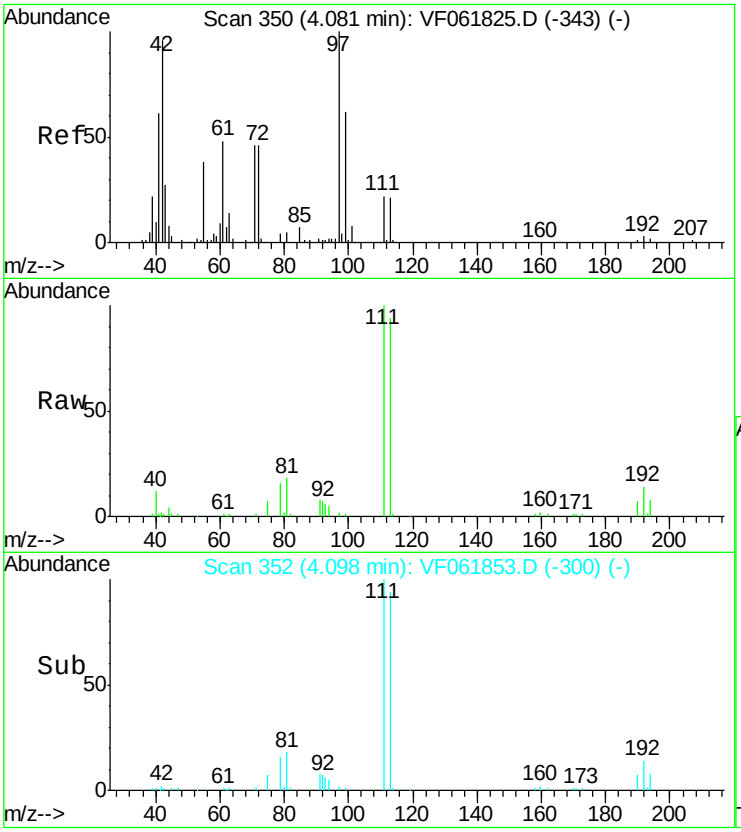


#25
2-Butanone
Concen: 1.323 ug/l
RT: 4.35 min Scan# 377
Delta R.T. -0.00 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Tgt Ion: 43 Resp: 898

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#



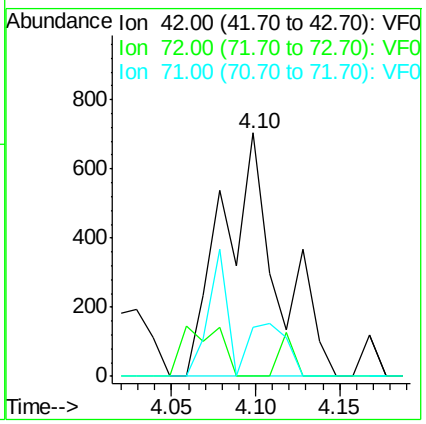


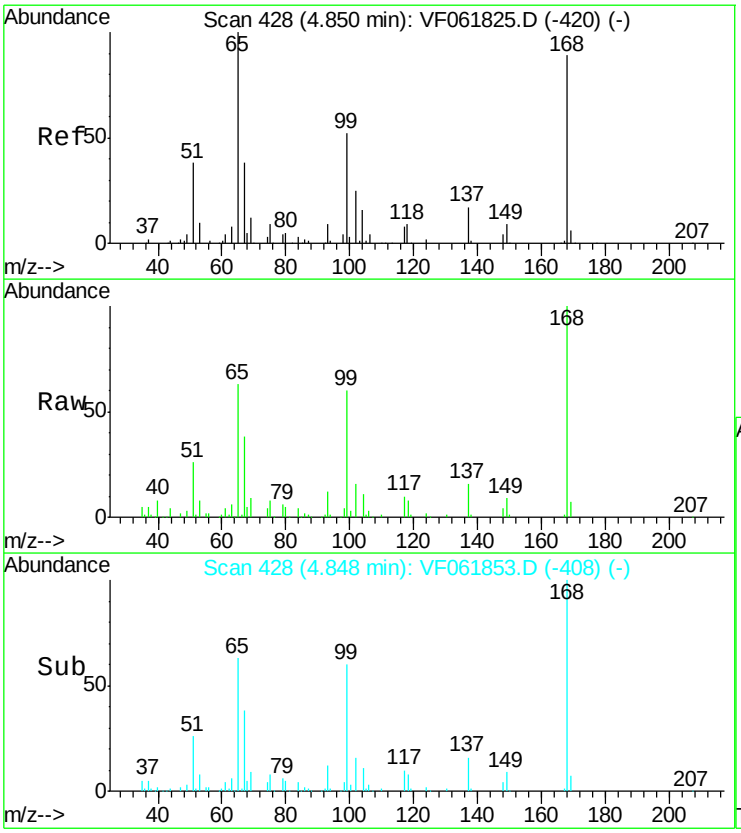
#29
Tetrahydrofuran
Concen: 5.448 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.02 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Instrument : MSVOA_F
ClientSampleId : S10

Tgt Ion: 42 Resp: 1595

Ion	Ratio	Lower	Upper
42	100		
72	4.8	34.4	51.6#
71	0.0	34.6	52.0#

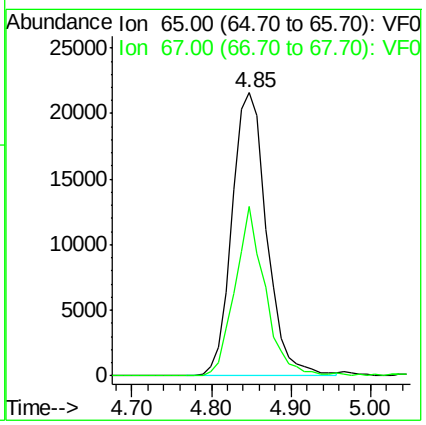


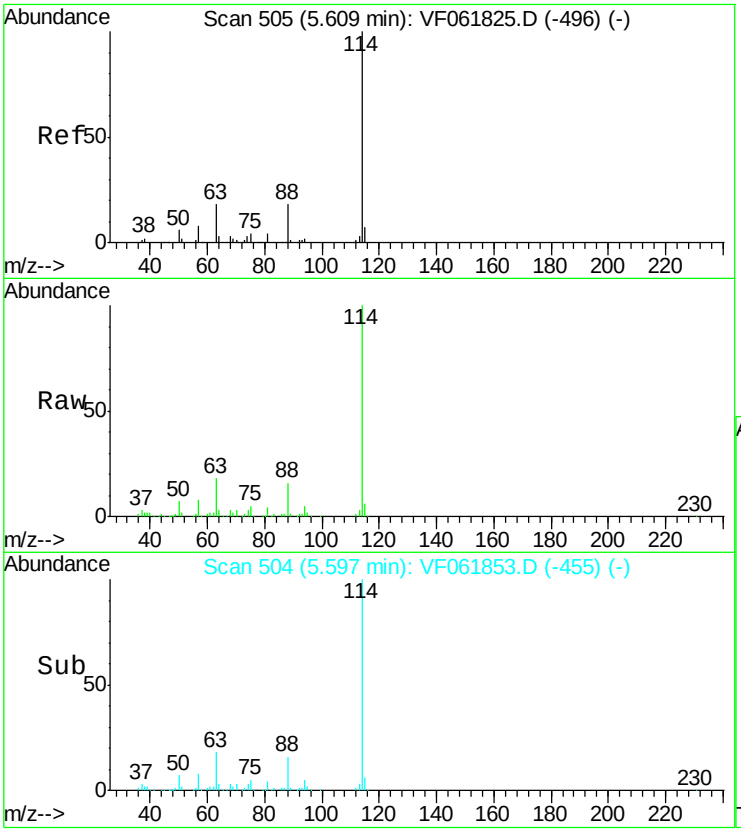


#33
1,2-Dichloroethane-d4
Concen: 40.997 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.00 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Tgt Ion: 65 Resp: 65315

Ion	Ratio	Lower	Upper
65	100		
67	59.9	0.0	108.6



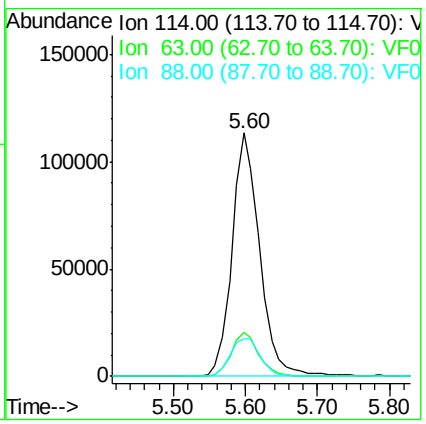


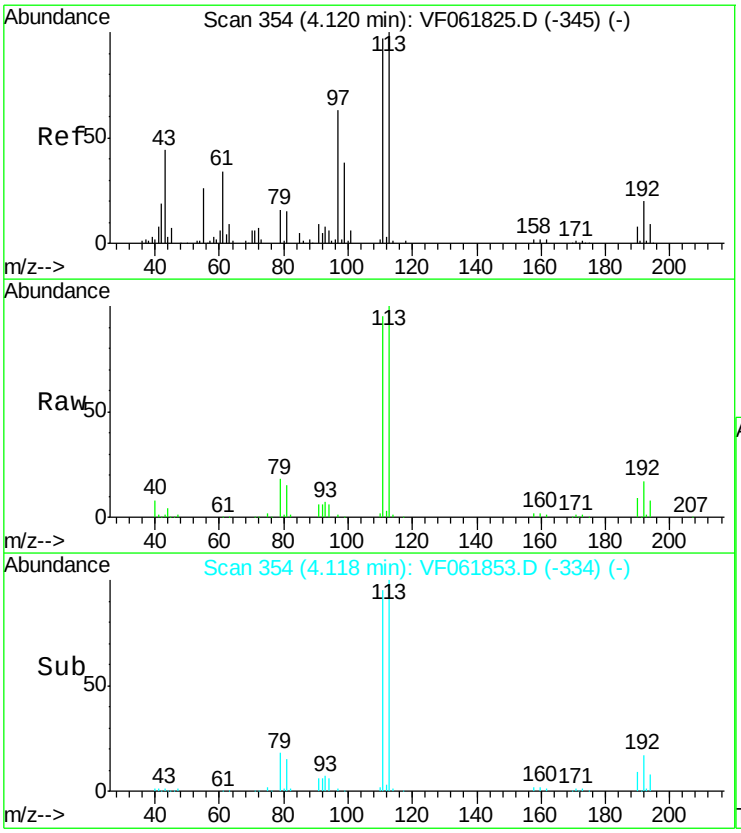
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.01 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Instrument :
MSVOA_F
ClientSampleId :
S10

Tgt Ion:114 Resp: 302565

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.6
88	15.6	0.0	35.6

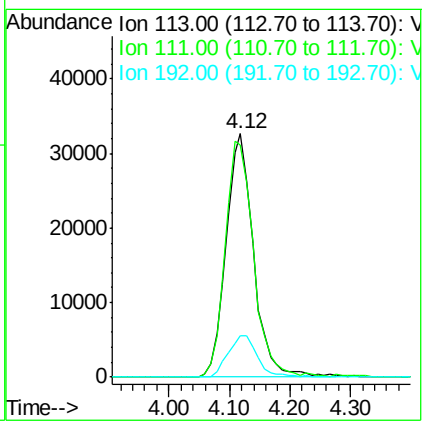


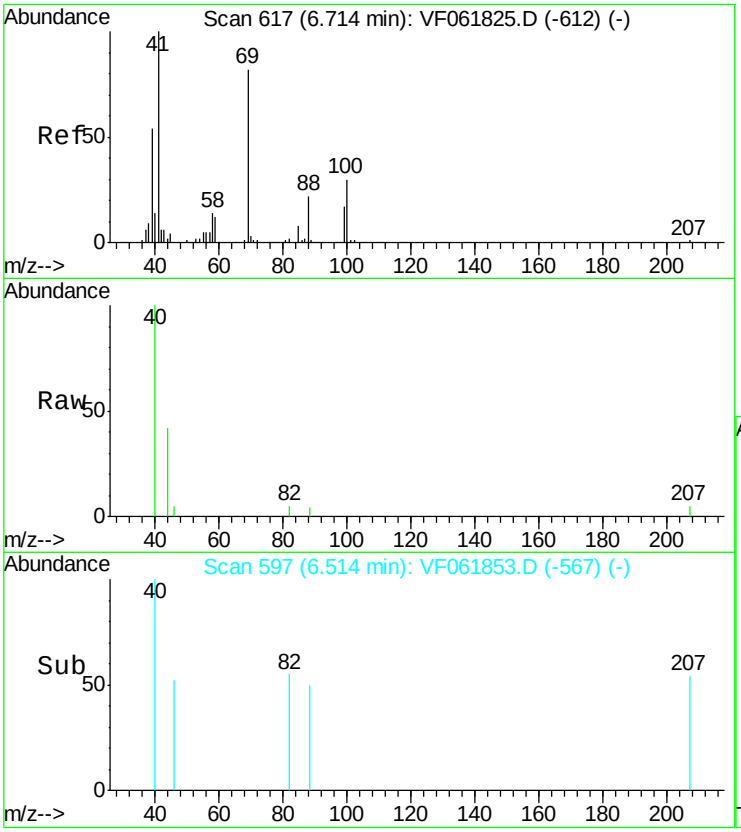


#35
Dibromofluoromethane
Concen: 48.841 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.00 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Tgt Ion:113 Resp: 103129

Ion	Ratio	Lower	Upper
113	100		
111	95.3	77.6	116.4
192	17.9	15.9	23.9



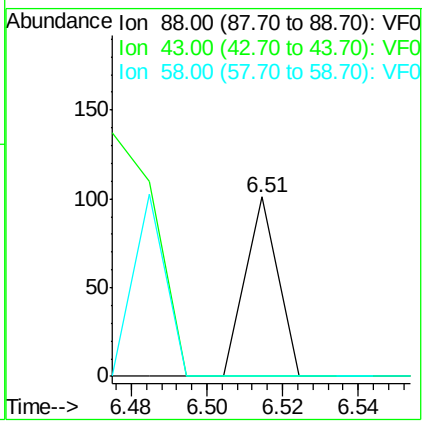


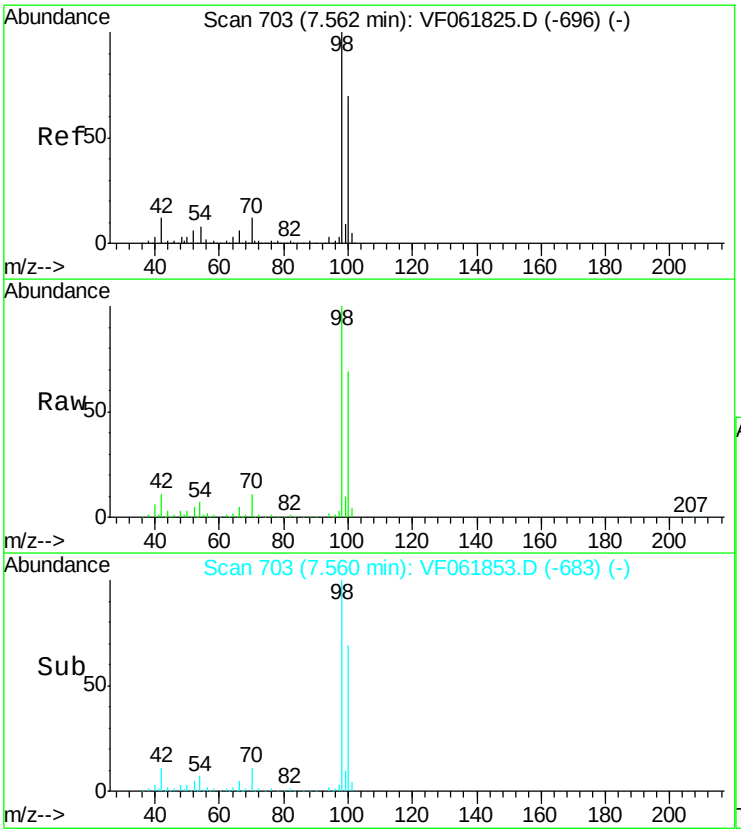
#49
1,4-Dioxane
Concen: 7.013 ug/l
RT: 6.51 min Scan# 597
Delta R.T. -0.20 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Instrument : MSVOA_F
ClientSampleId : S10

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.4	42.6#
58	0.0	50.7	76.1#

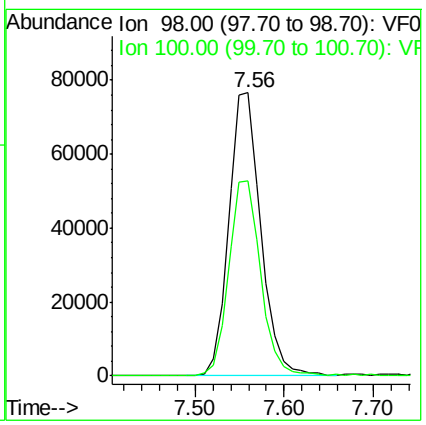


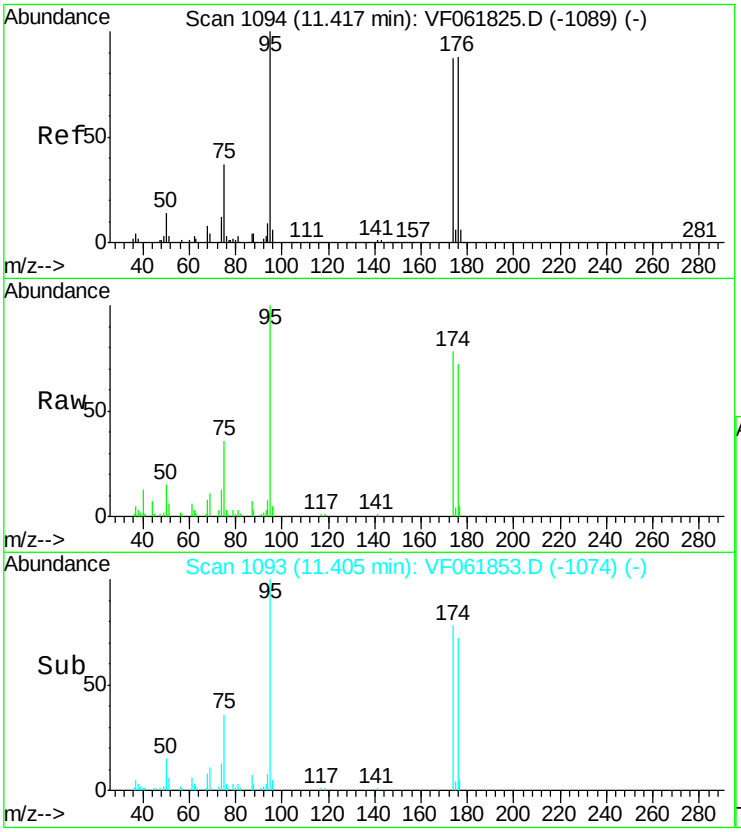


#50
Toluene-d8
Concen: 30.714 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Tgt Ion: 98 Resp: 192762

Ion	Ratio	Lower	Upper
98	100		
100	69.0	56.0	84.0



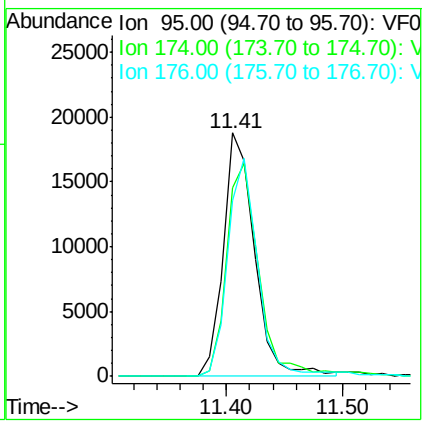


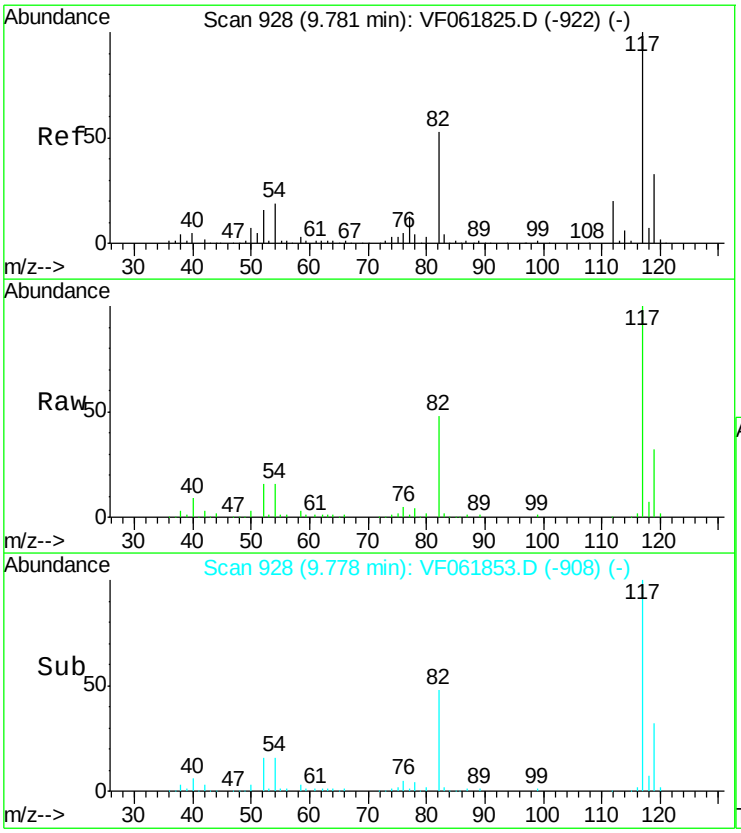
#62
4-Bromofluorobenzene
Concen: 14.260 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Instrument :
MSVOA_F
ClientSampleId :
S10

Tgt Ion: 95 Resp: 35057

Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	174.0
176	72.1	0.0	175.2

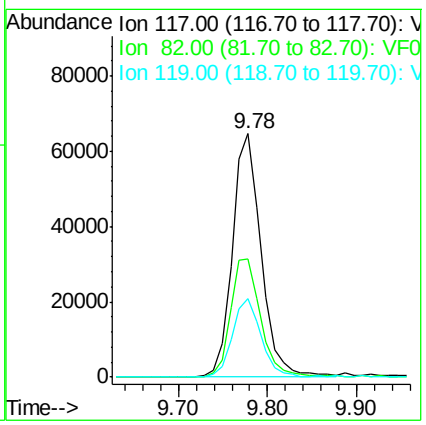


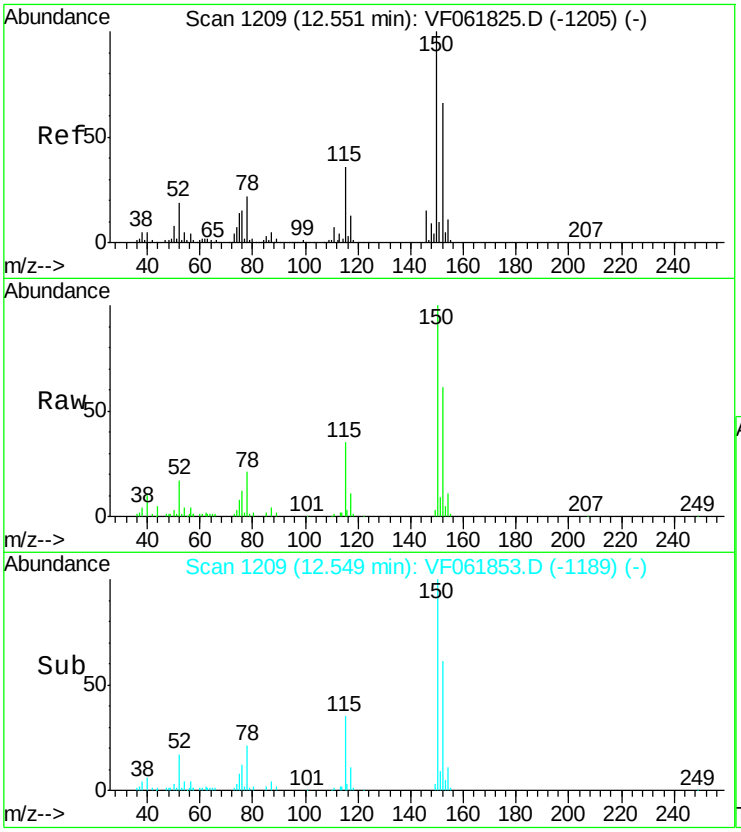


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Tgt Ion:117 Resp: 145627

Ion	Ratio	Lower	Upper
117	100		
82	48.5	42.6	63.8
119	32.0	26.0	39.0



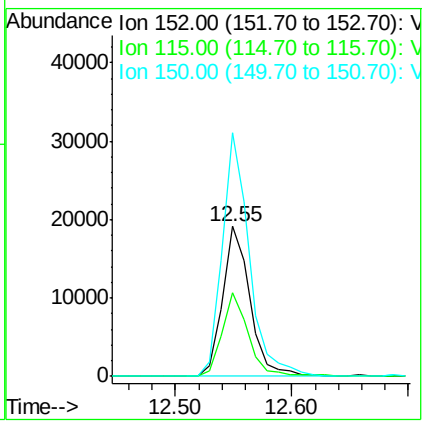


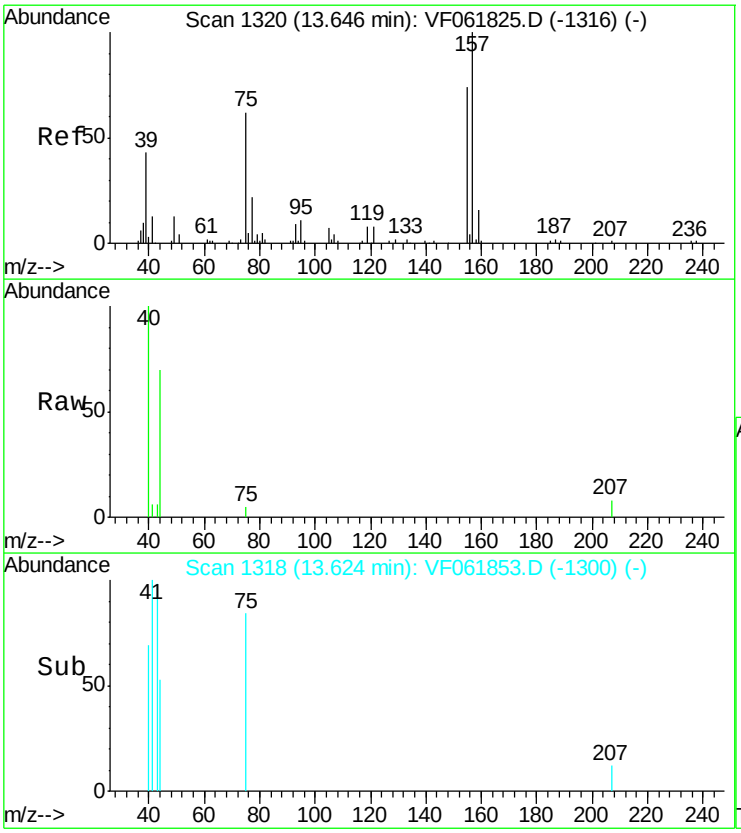
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Instrument :
MSVOA_F
ClientSampleId :
S10

Tgt Ion:152 Resp: 31236

Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.7	83.1
150	162.6	0.0	304.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 4.706 ug/l
RT: 13.62 min Scan# 1318
Delta R.T. -0.02 min
Lab File: VF061853.D
Acq: 5 Mar 2019 19:00

Tgt Ion: 75 Resp: 63

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.8	179.4#
157	0.0	81.2	243.4#