Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082418\
Data File : VF060118.D
Acq On : 24 Aug 2018 23:40
Operator : VA/AP
Sample : J4652-01
Misc : 4.86g/5mL/MSVOA_F/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SONO-S

Quant Time: Aug 25 05:33:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	138695	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	196070	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	189682	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	73916	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	70028	36.89	ug/l	-0.03
Spiked Amount 50.000			Recovery = 73.78%			
35) Dibromofluoromethane	4.27	113	77440	50.30	ug/l	-0.03
Spiked Amount 50.000			Recovery = 100.60%			
50) Toluene-d8	7.70	98	200532	45.86	ug/l	-0.02
Spiked Amount 50.000			Recovery = 91.72%			
62) 4-Bromofluorobenzene	11.50	95	71948	31.10	ug/l	-0.02
Spiked Amount 50.000			Recovery = 62.20%			
Target Compounds						Qvalue
3) Chloromethane	1.08	50	1285	Below Cal	#	87
13) Acrolein	2.07	56	86	27.57	ug/l #	8
16) Acetone	2.31	43	29746	59.62	ug/l	99
17) Carbon Disulfide	1.83	76	8271	3.00	ug/l #	91
18) Methyl Acetate	2.43	43	1312	Below Cal	#	60
20) Methylene Chloride	2.27	84	4135	Below Cal	#	84
25) 2-Butanone	4.47	43	7307	11.28	ug/l	94
29) Tetrahydrofuran	4.24	42	624	2.55	ug/l #	52
49) 1,4-Dioxane	6.89	88	66	7.49	ug/l #	18
52) Toluene	7.76	92	2109	Below Cal	#	62
58) 2-Chloroethyl Vinyl ether	7.76	63	494	4.73	ug/l	100
68) m/p-Xylenes	10.25	106	950	Below Cal	#	56
95) Naphthalene	14.51	128	558	2.48	ug/l #	69

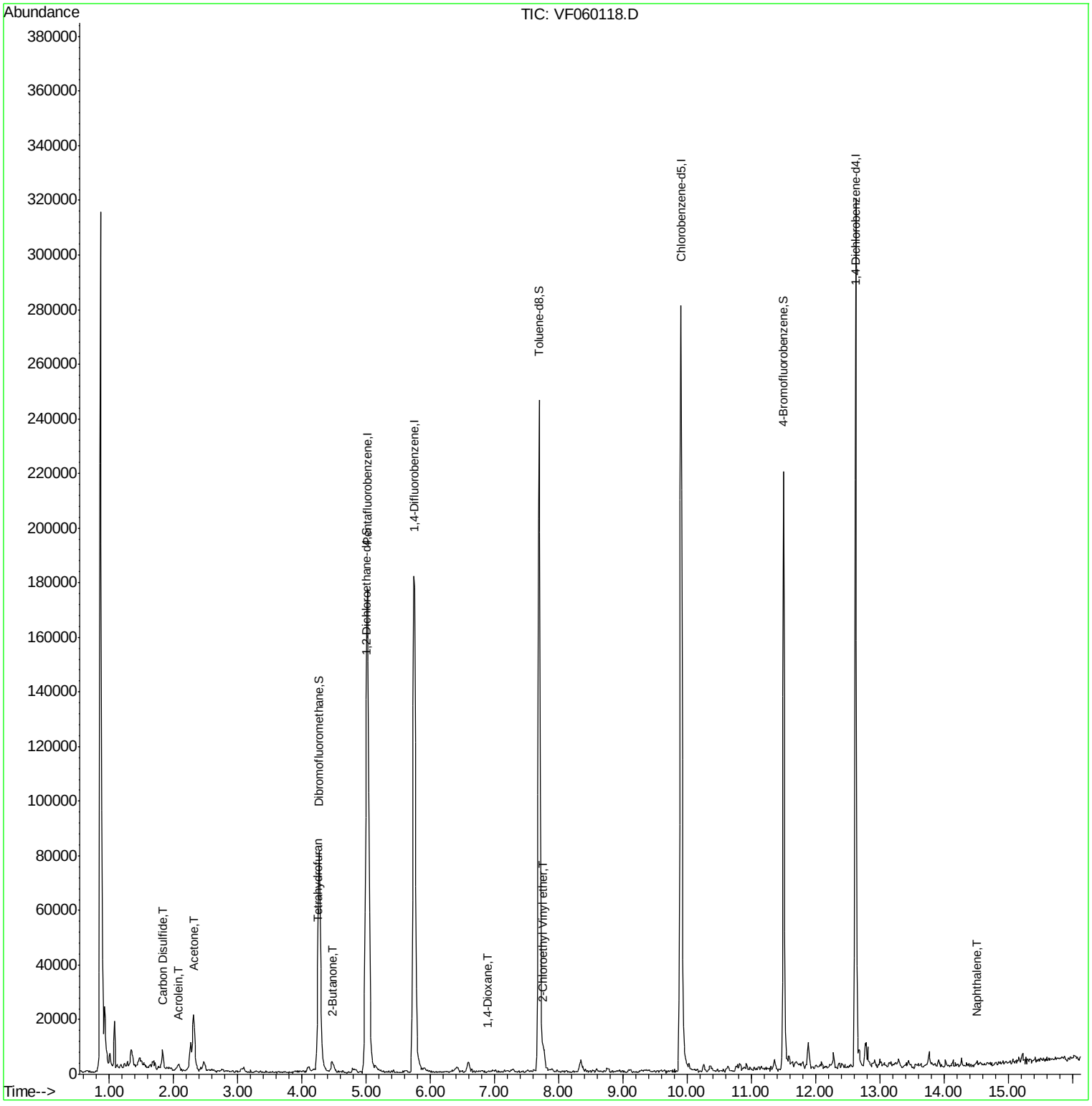
(#) = qualifier out of range (m) = manual integration (+) = signals summed

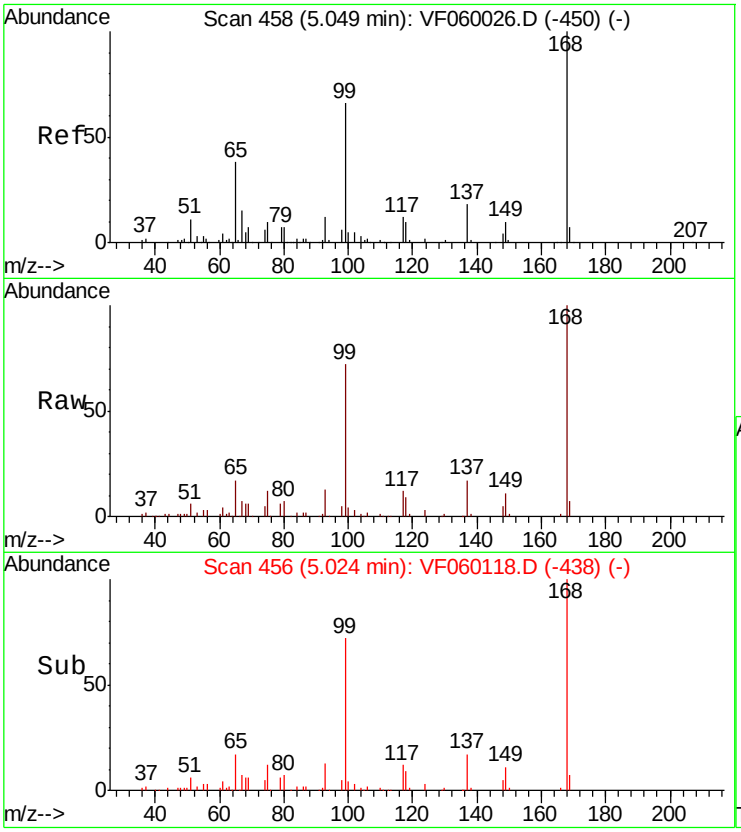
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082418\
Data File : VF060118.D
Acq On : 24 Aug 2018 23:40
Operator : VA/AP
Sample : J4652-01
Misc : 4.86g/5mL/MSVOA_F/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SONO-S

Quant Time: Aug 25 05:33:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration



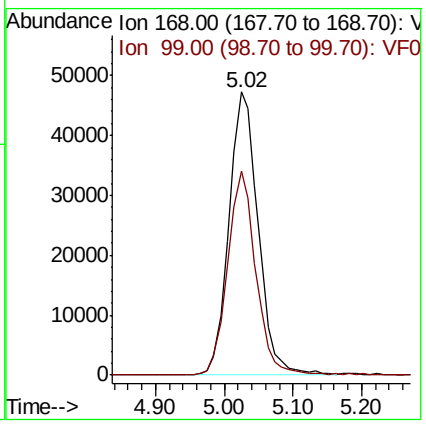


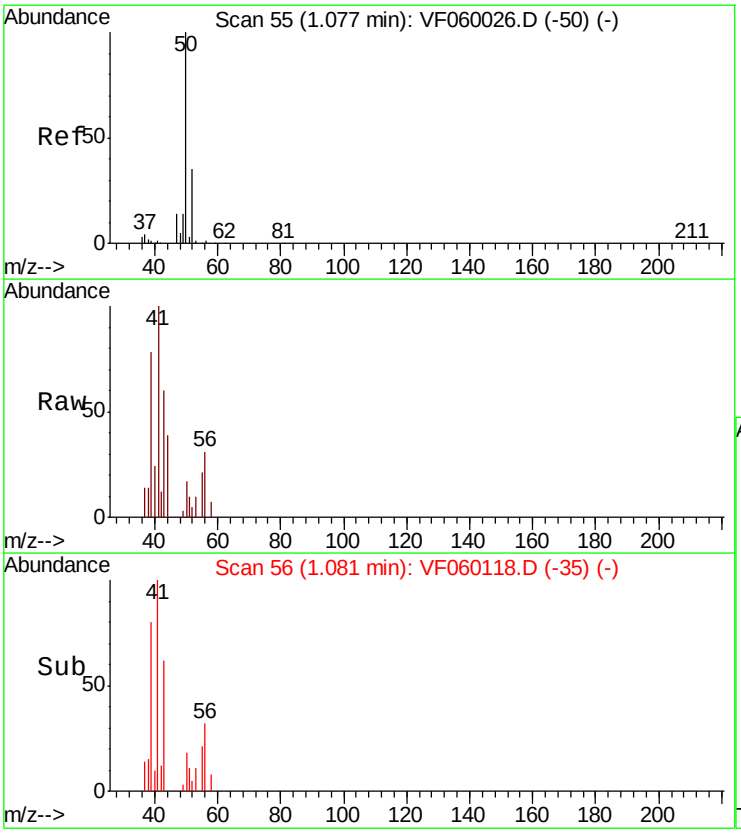
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.02 min Scan# 456
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Instrument :
MSVOA_F
ClientSampleId :
SONO-S

Tgt Ion:168 Resp: 138695

Ion	Ratio	Lower	Upper
168	100		
99	72.0	52.6	79.0

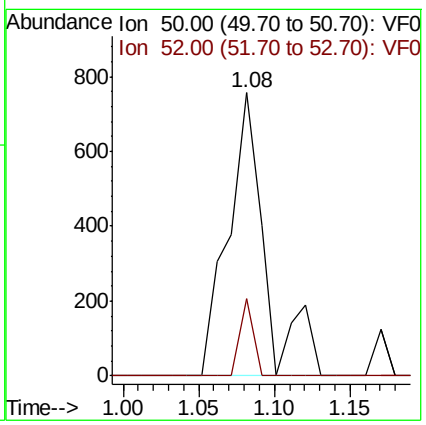


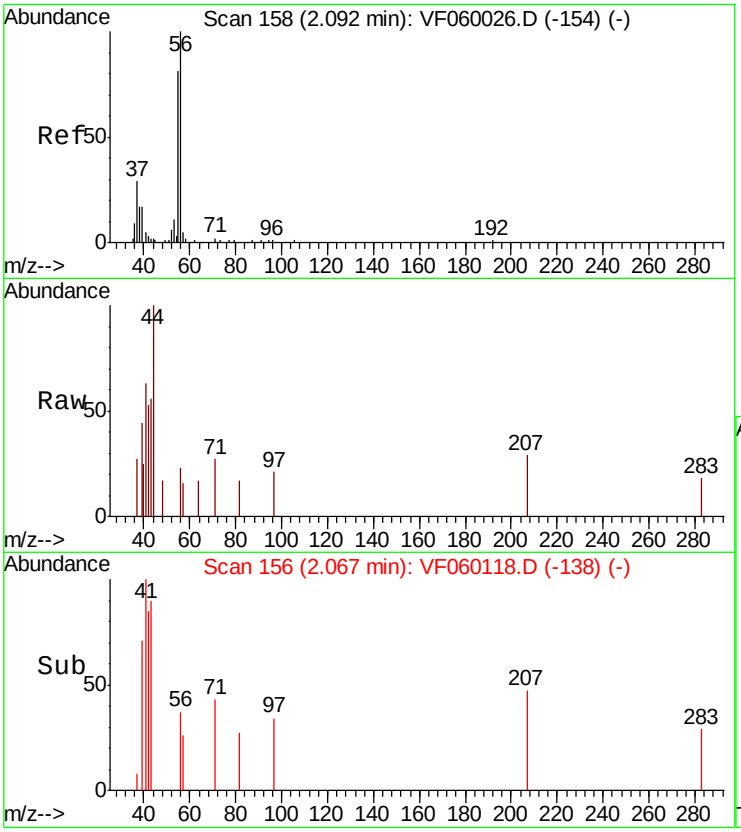


#3
Chloromethane
Concen: Below Cal
RT: 1.08 min Scan# 56
Delta R.T. 0.01 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Tgt Ion: 50 Resp: 1285

Ion	Ratio	Lower	Upper
50	100		
52	27.1	27.6	41.4#



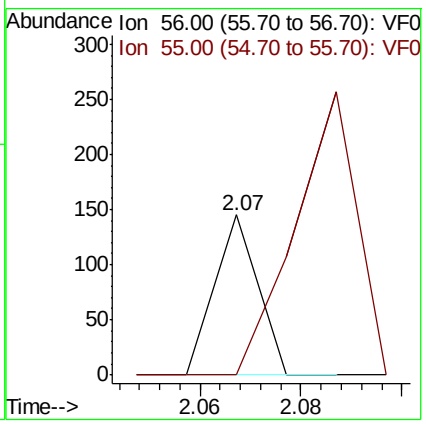


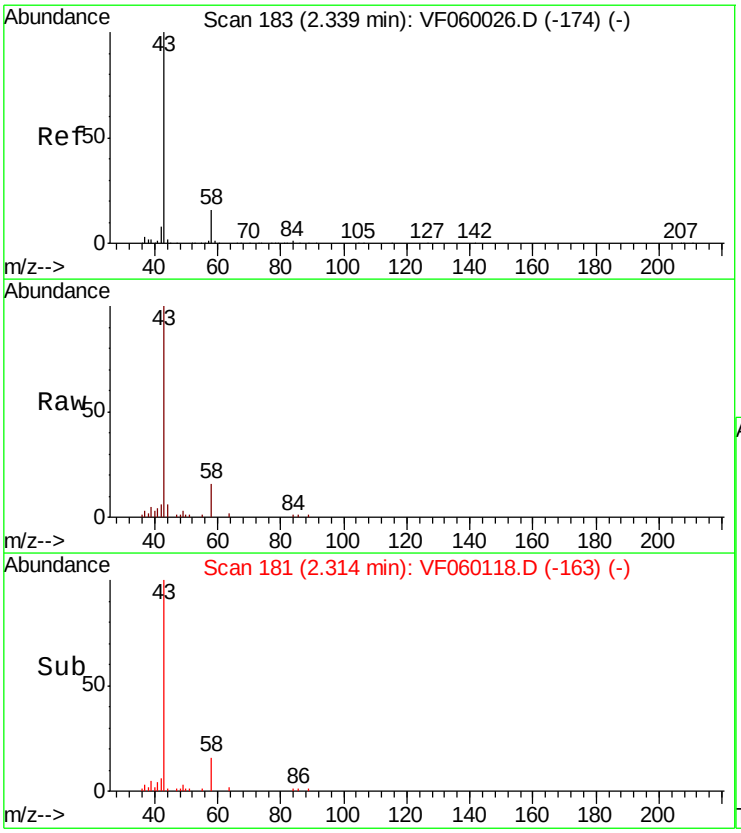
#13
Acrolein
Concen: 27.57 ug/l
RT: 2.07 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Instrument :
MSVOA_F
ClientSampleId :
SONO-S

Tgt Ion: 56 Resp: 86

Ion	Ratio	Lower	Upper
56	100		
55	0.0	65.6	98.4#

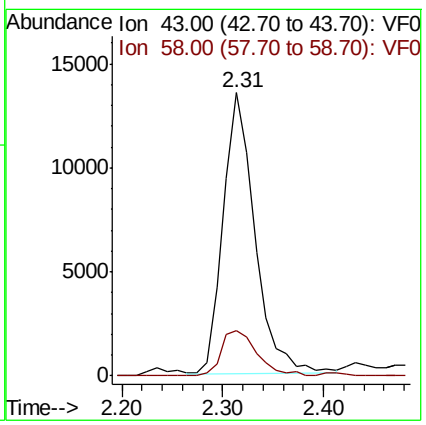


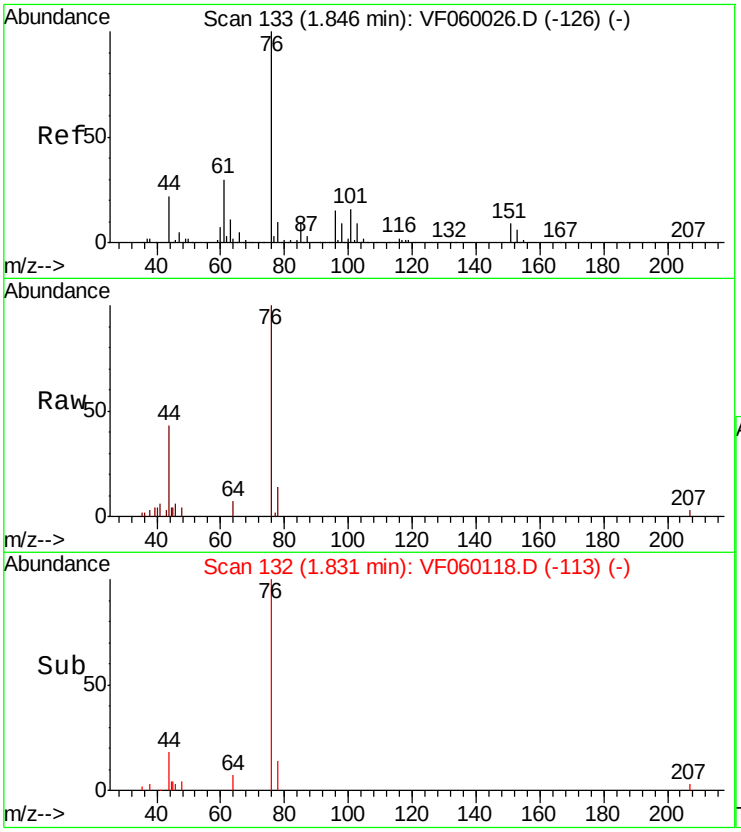


#16
Acetone
Concen: 59.62 ug/l
RT: 2.31 min Scan# 181
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Tgt Ion: 43 Resp: 29746

Ion	Ratio	Lower	Upper
43	100		
58	16.2	12.6	19.0



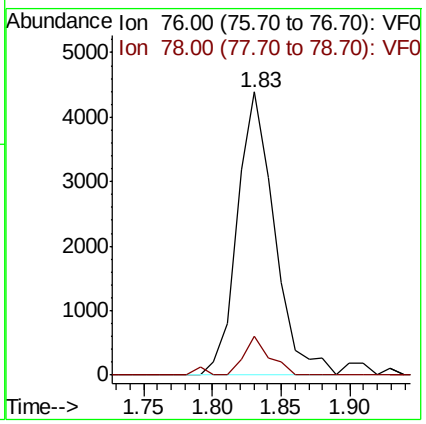


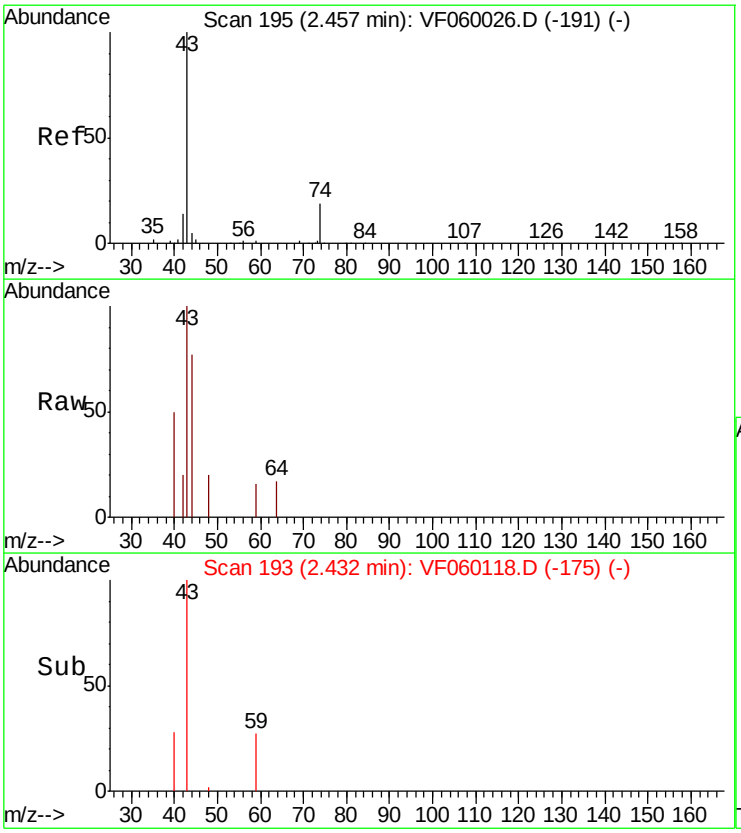
#17
Carbon Disulfide
Concen: 3.00 ug/l
RT: 1.83 min Scan# 132
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Instrument : MSVOA_F
ClientSampleId : SONO-S

Tgt Ion: 76 Resp: 8271

Ion	Ratio	Lower	Upper
76	100		
78	13.7	8.4	12.6#

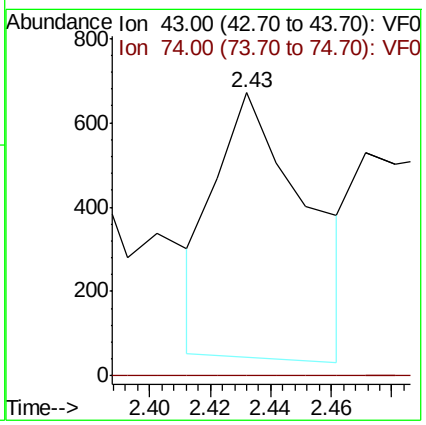


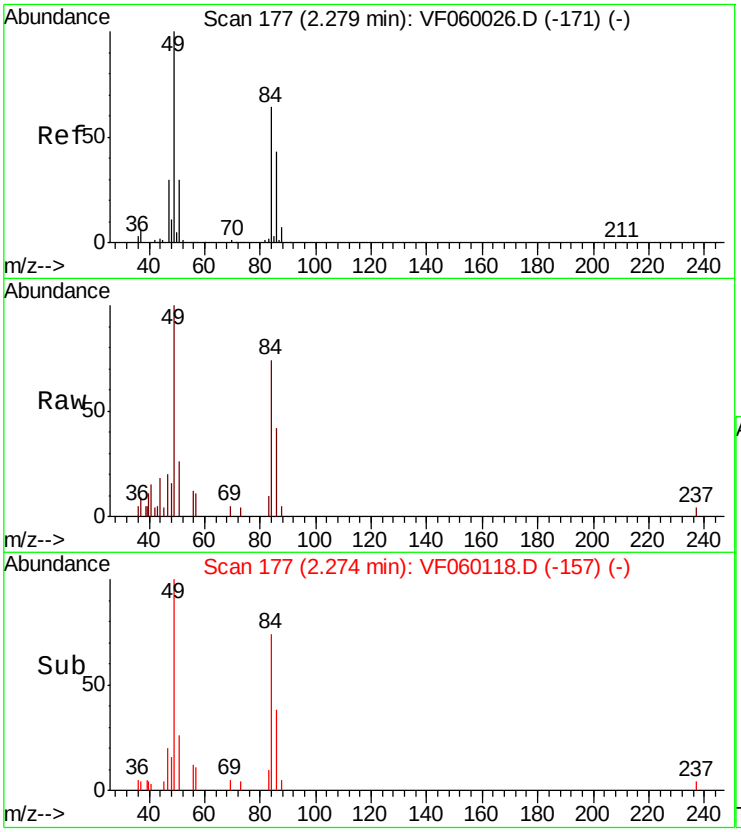


#18
Methyl Acetate
Concen: Below Cal
RT: 2.43 min Scan# 193
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Tgt Ion: 43 Resp: 1312

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.6#



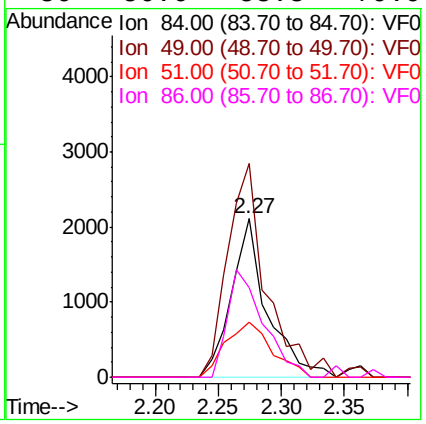


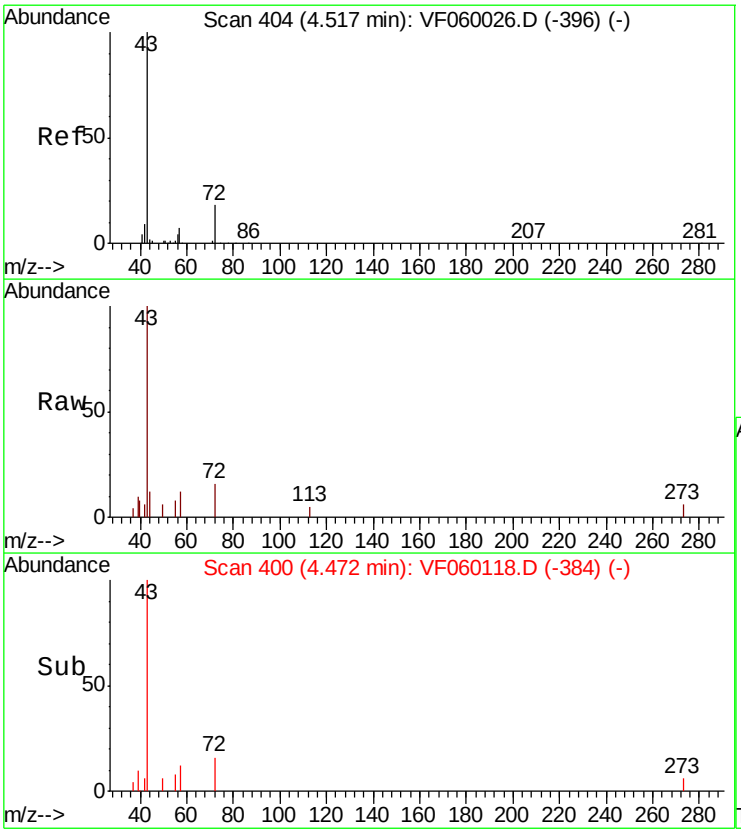
#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Instrument : MSVOA_F
ClientSampleId : SONO-S

Tgt Ion: 84 Resp: 4135

Ion	Ratio	Lower	Upper
84	100		
49	135.0	125.4	188.0
51	34.8	38.3	57.5#
86	56.6	53.3	79.9

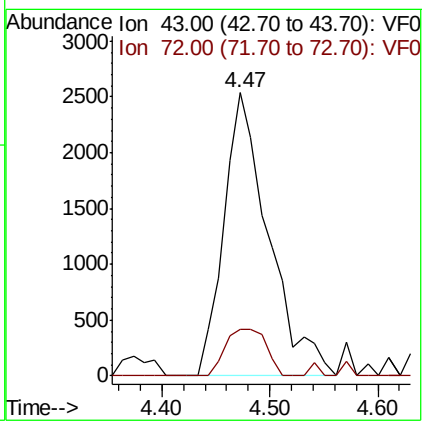


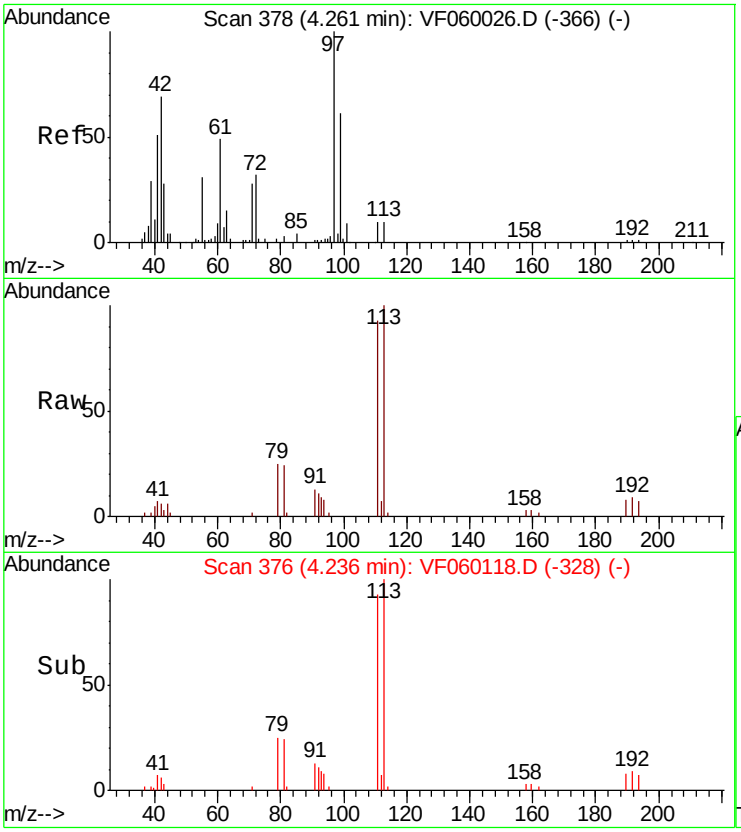


#25
2-Butanone
Concen: 11.28 ug/l
RT: 4.47 min Scan# 400
Delta R.T. -0.04 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Tgt Ion: 43 Resp: 7307

Ion	Ratio	Lower	Upper
43	100		
72	16.3	15.0	22.6



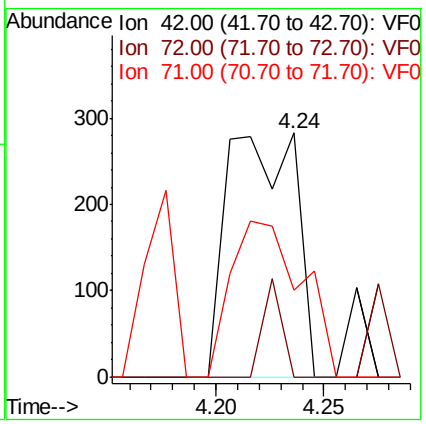


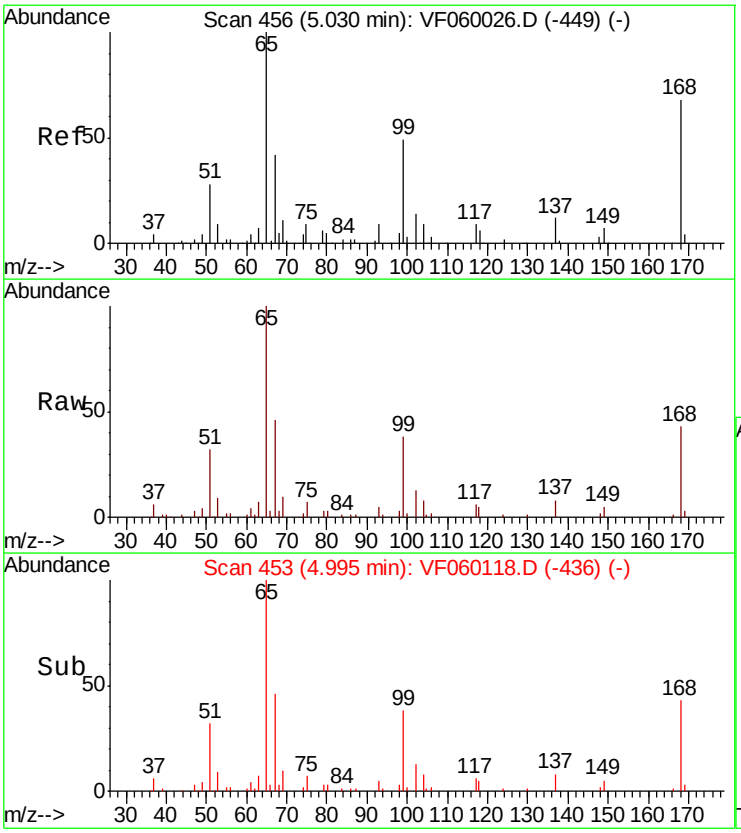
#29
Tetrahydrofuran
Concen: 2.55 ug/l
RT: 4.24 min Scan# 376
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Instrument :
MSVOA_F
ClientSampleId :
SONO-S

Tgt Ion: 42 Resp: 624

Ion	Ratio	Lower	Upper
42	100		
72	10.7	31.4	47.2#
71	66.2	29.7	44.5#

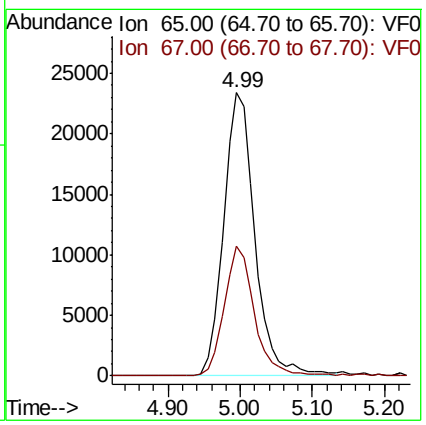


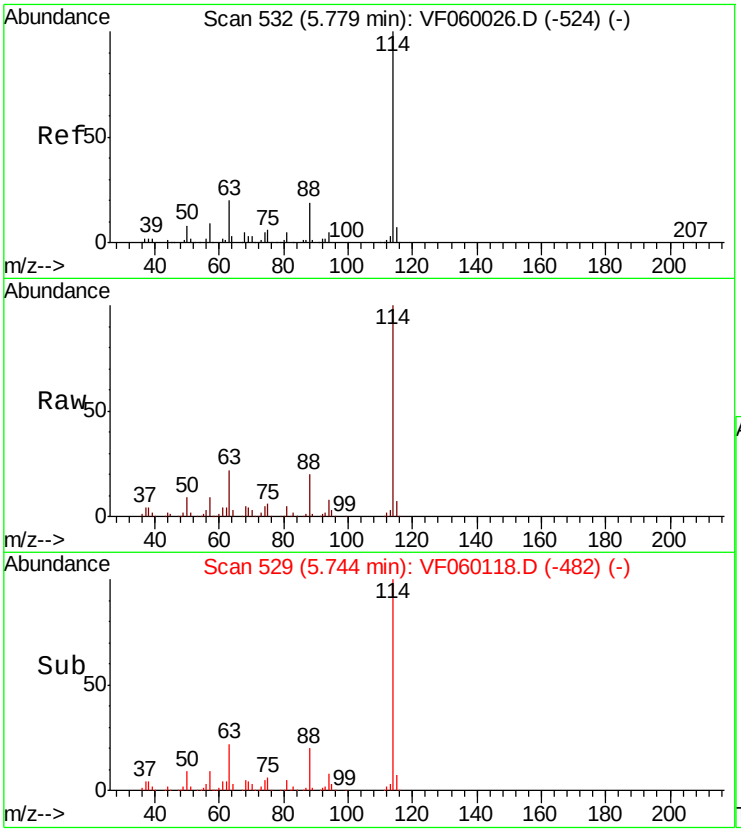


#33
1,2-Dichloroethane-d4
Concen: 36.89 ug/l
RT: 4.99 min Scan# 453
Delta R.T. -0.03 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Tgt Ion: 65 Resp: 70028

Ion	Ratio	Lower	Upper
65	100		
67	45.9	0.0	92.0



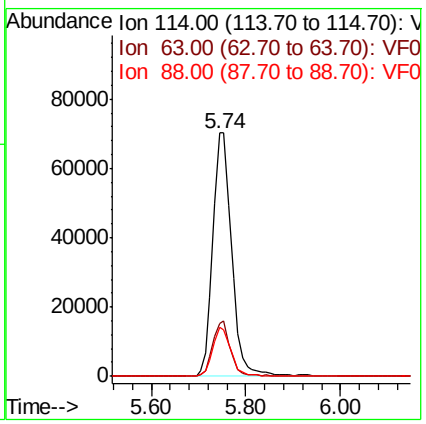


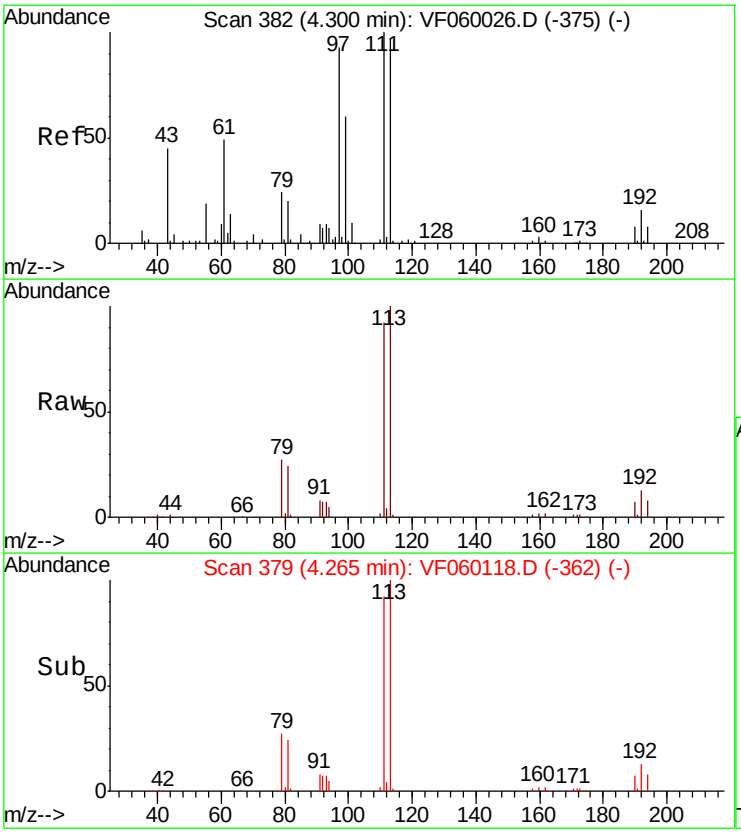
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.74 min Scan# 529
Delta R.T. -0.03 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Instrument :
MSVOA_F
ClientSampleId :
SONO-S

Tgt Ion:114 Resp: 196070

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	40.4
88	20.0	0.0	38.6

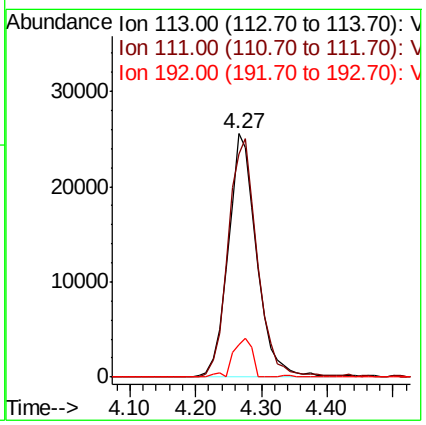


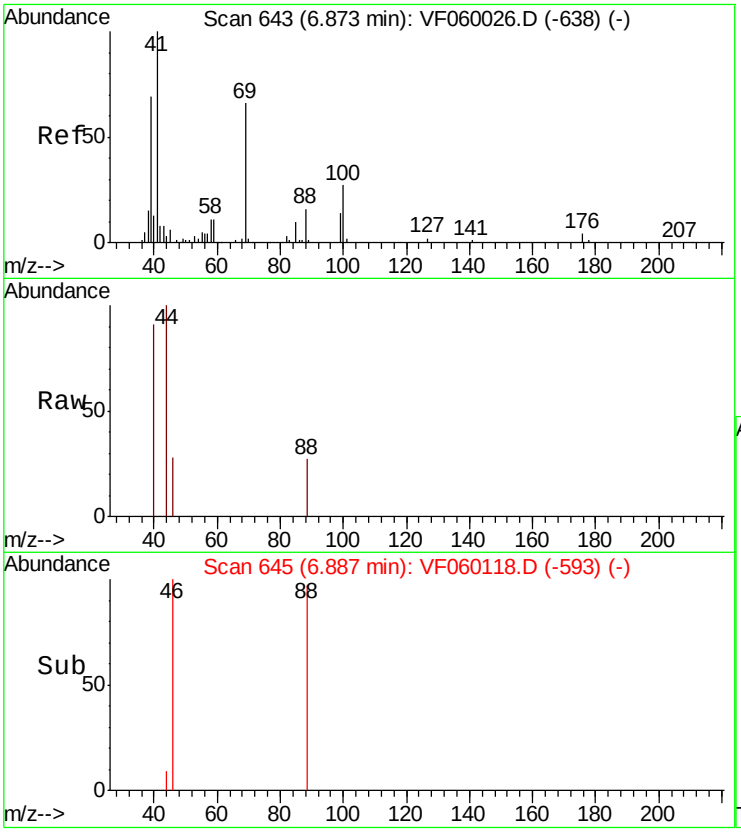


#35
Dibromofluoromethane
Concen: 50.30 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.03 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Tgt Ion:113 Resp: 77440

Ion	Ratio	Lower	Upper
113	100		
111	91.1	82.7	124.1
192	13.0	13.0	19.4



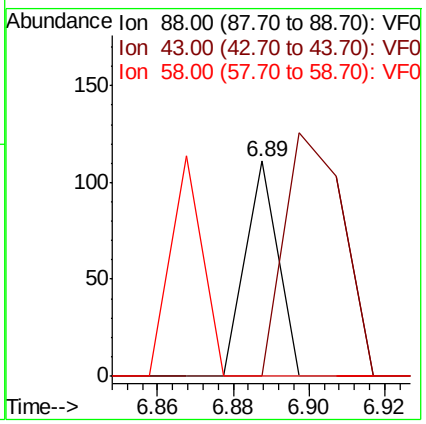


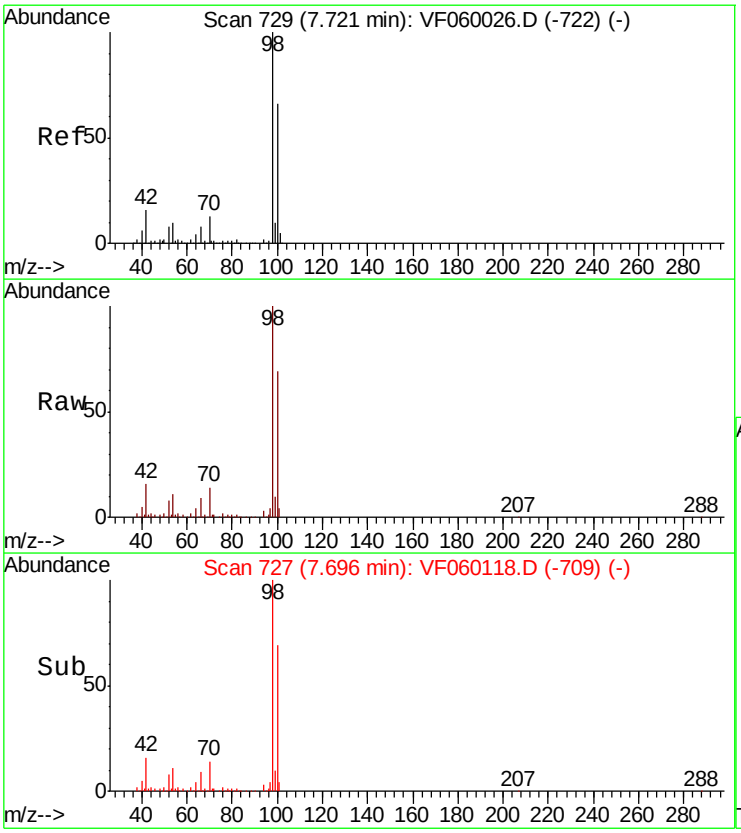
#49
1,4-Dioxane
Concen: 7.49 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.01 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Instrument :
MSVOA_F
ClientSampleId :
SONO-S

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	0.0	46.5	69.7#
58	0.0	54.8	82.2#

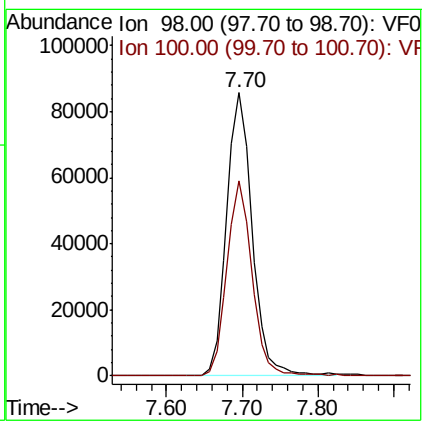


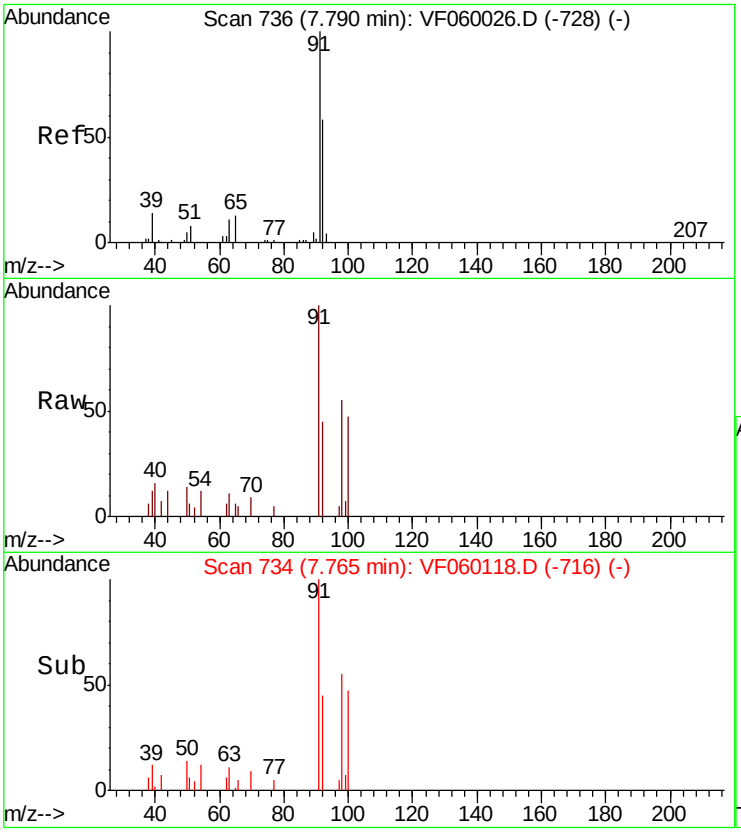


#50
Toluene-d8
Concen: 45.86 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Tgt Ion: 98 Resp: 200532

Ion	Ratio	Lower	Upper
98	100		
100	68.8	53.2	79.8



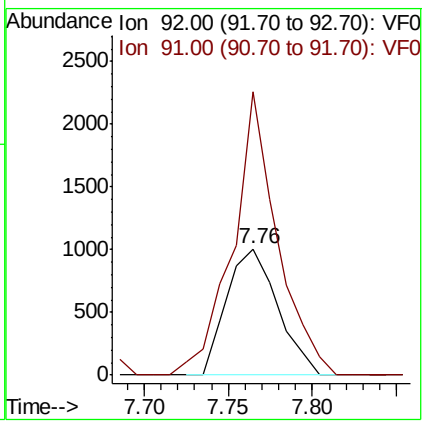


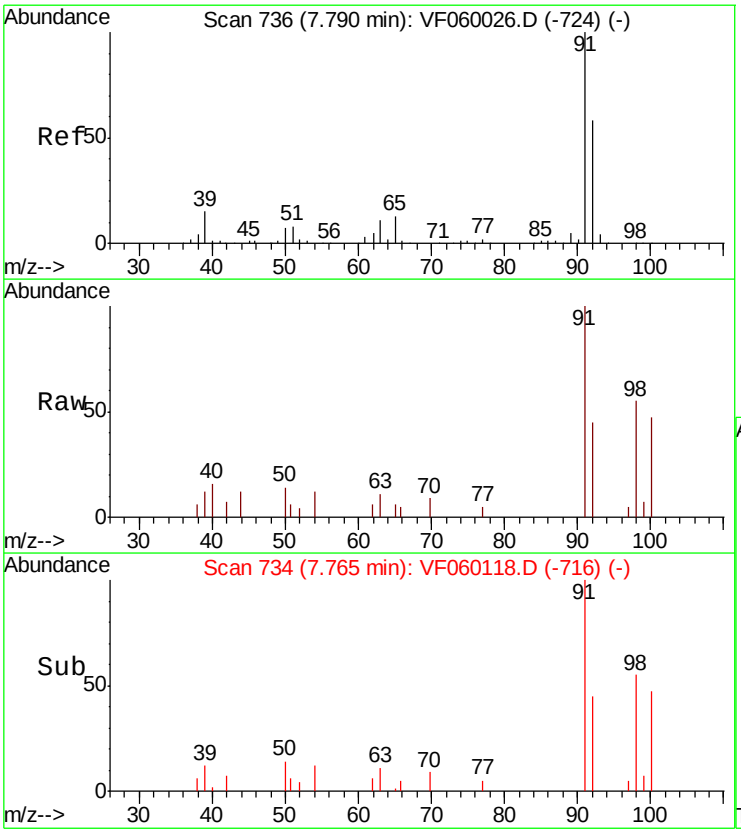
#52
Toluene
Concen: Below Cal
RT: 7.76 min Scan# 734
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Instrument :
MSVOA_F
ClientSampleId :
SONO-S

Tgt Ion: 92 Resp: 2109

Ion	Ratio	Lower	Upper
92	100		
91	224.4	137.7	206.5#

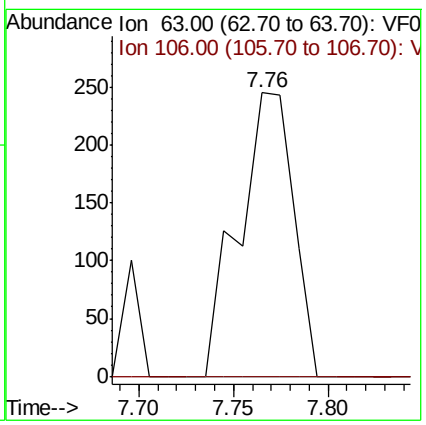


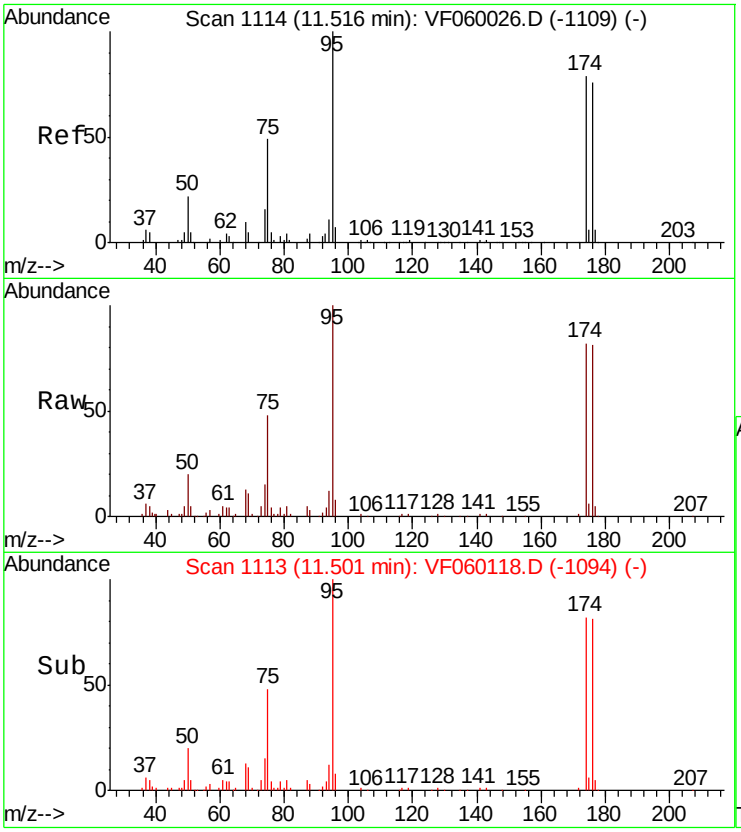


#58
2-Chloroethyl Vinyl ether
Concen: 4.73 ug/l
RT: 7.76 min Scan# 734
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Tgt Ion: 63 Resp: 494

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



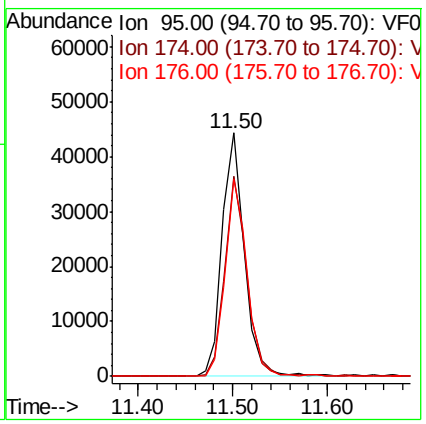


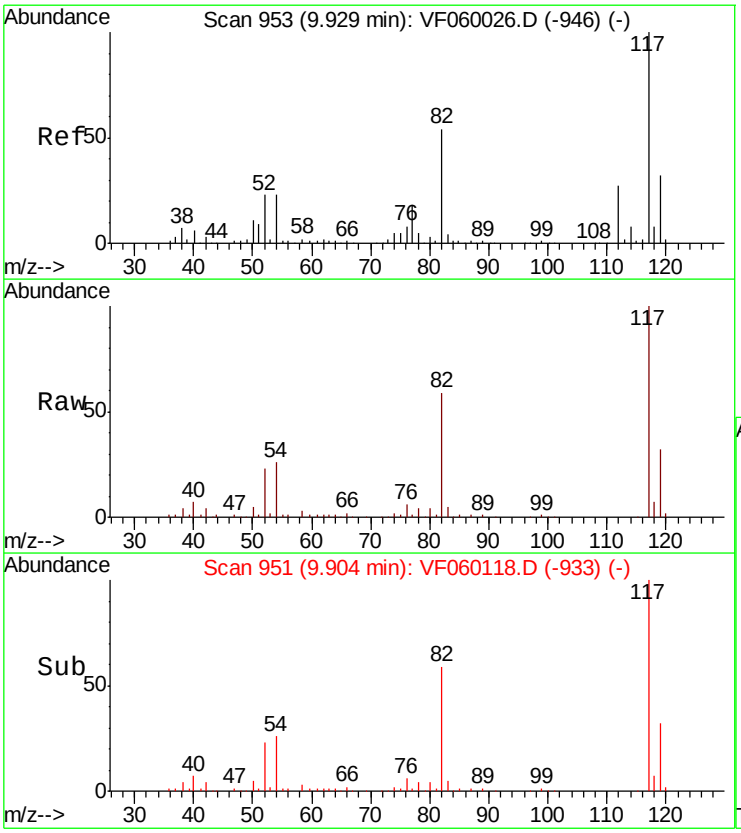
#62
4-Bromofluorobenzene
Concen: 31.10 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Instrument :
MSVOA_F
ClientSampleId :
SONO-S

Tgt Ion: 95 Resp: 71948

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	158.4
176	80.9	0.0	153.0

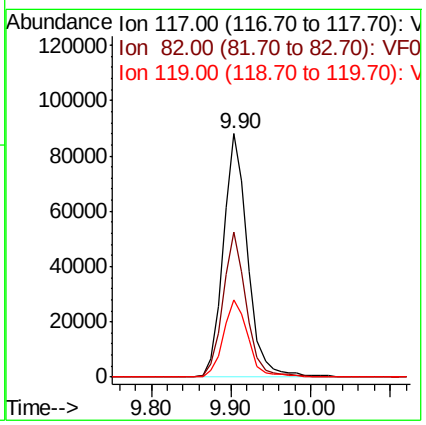


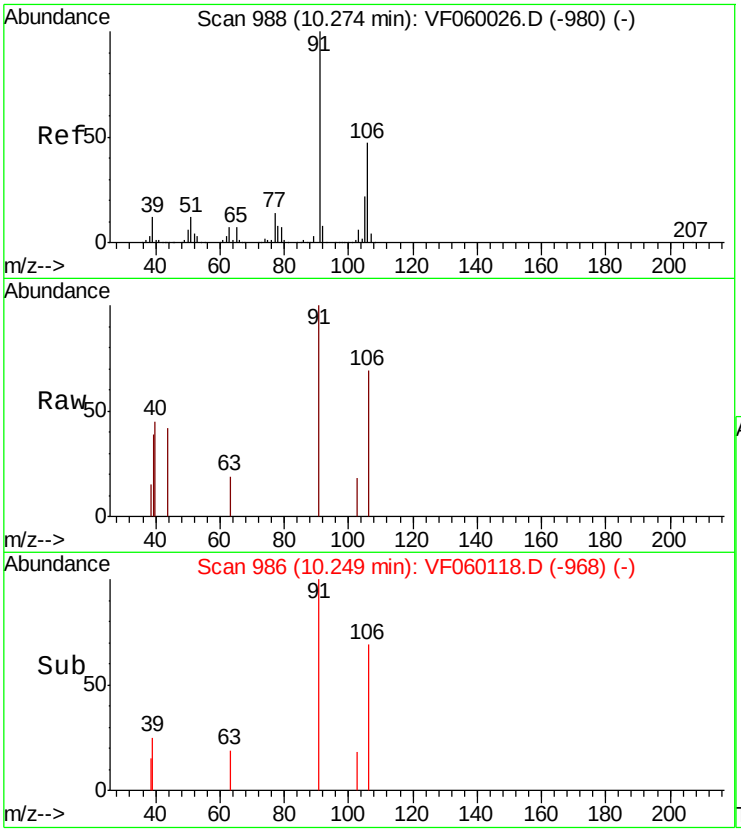


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Tgt Ion:117 Resp: 189682

Ion	Ratio	Lower	Upper
117	100		
82	59.4	43.6	65.4
119	31.8	25.6	38.4



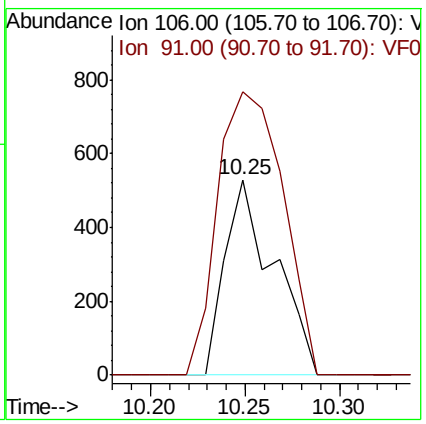


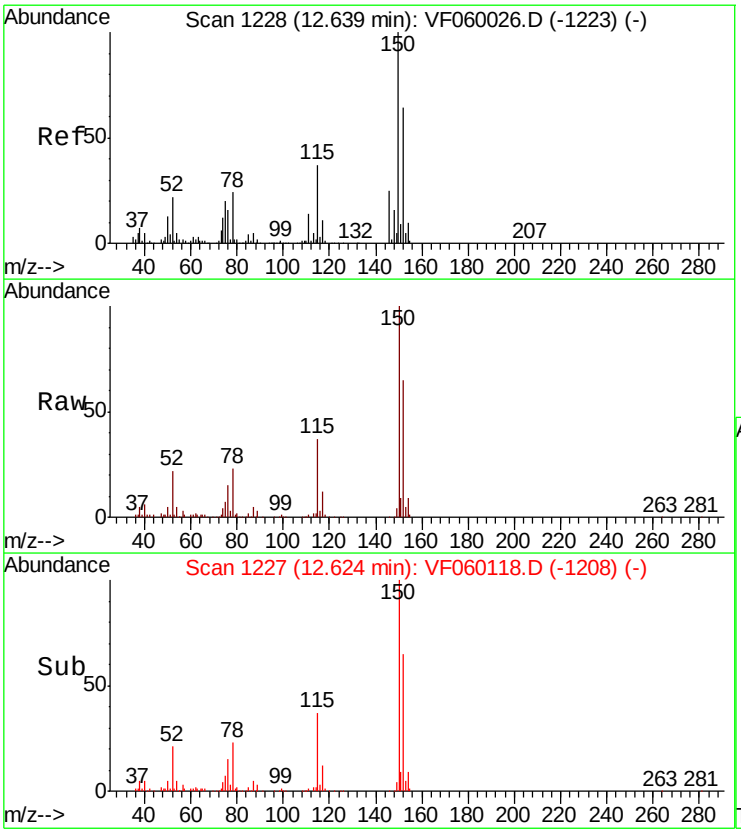
#68
m/p-Xylenes
Concen: Below Cal
RT: 10.25 min Scan# 986
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Instrument :
MSVOA_F
ClientSampleId :
SONO-S

Tgt Ion:106 Resp: 950

Ion	Ratio	Lower	Upper
106	100		
91	144.7	171.8	257.8#

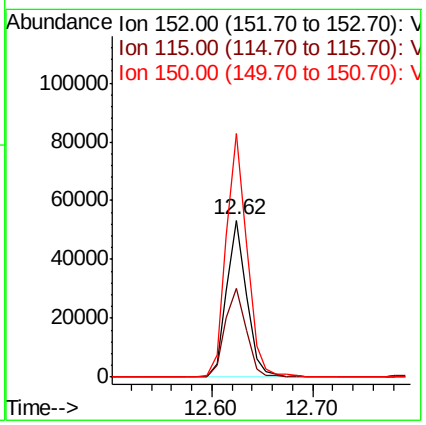


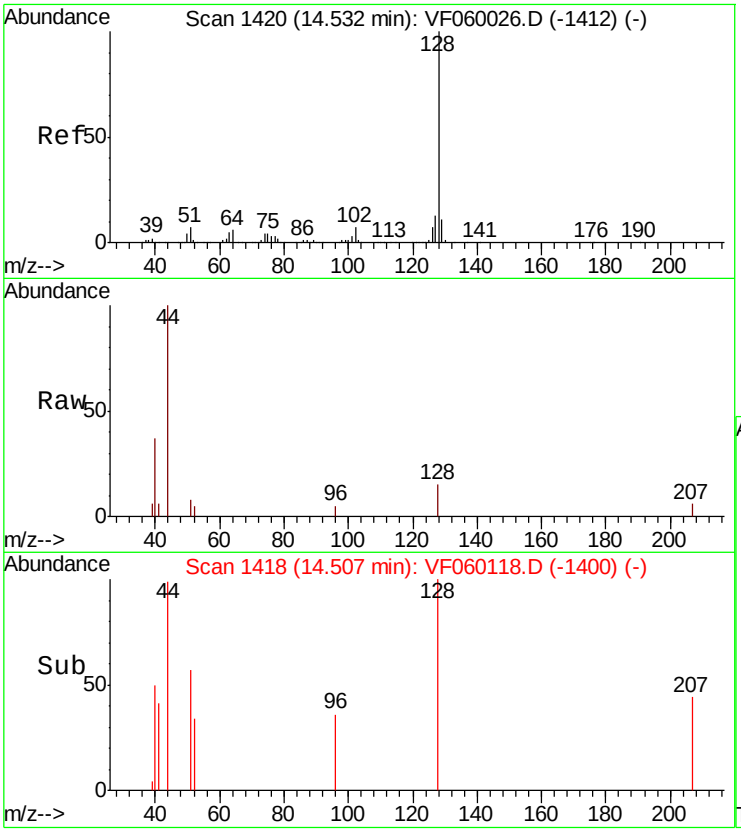


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Tgt Ion:152 Resp: 73916

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.6	85.9
150	154.9	0.0	312.0





#95
Naphthalene
Concen: 2.48 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Instrument :
MSVOA_F
ClientSampleId :
SONO-S

Tgt Ion:128 Resp: 558

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.5	12.7#