Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080718\
Data File : VF059914.D
Acq On : 7 Aug 2018 11:11
Operator : VA/AP
Sample : J4298-03
Misc : 4.70g/5mL/MSVOA F/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Aug 07 11:42:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	284260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	396487	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	361303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	202219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	167518	32.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 65.38%			
35) Dibromofluoromethane	4.30	113	147532	37.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.80%			
50) Toluene-d8	7.72	98	306546	36.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.04%			
62) 4-Bromofluorobenzene	11.51	95	150040	31.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 63.62%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.66	59	382	1.848	ug/l #	74
13) Acrolein	2.07	56	145	1.170	ug/l	83
16) Acetone	2.36	43	1613	1.705	ug/l #	70
18) Methyl Acetate	2.48	43	2764	1.732	ug/l #	56
20) Methylene Chloride	2.29	84	3637	Below Cal		89
39) Methylcyclohexane	5.78	83	5887	1.712	ug/l #	32
40) Benzene	4.84	78	151	Below Cal #		49
49) 1,4-Dioxane	7.09	88	138	91.627	ug/l #	16
56) Ethyl methacrylate	8.78	69	215	3.444	ug/l #	38
74) N-amyl acetate	11.47	43	595	3.139	ug/l #	69

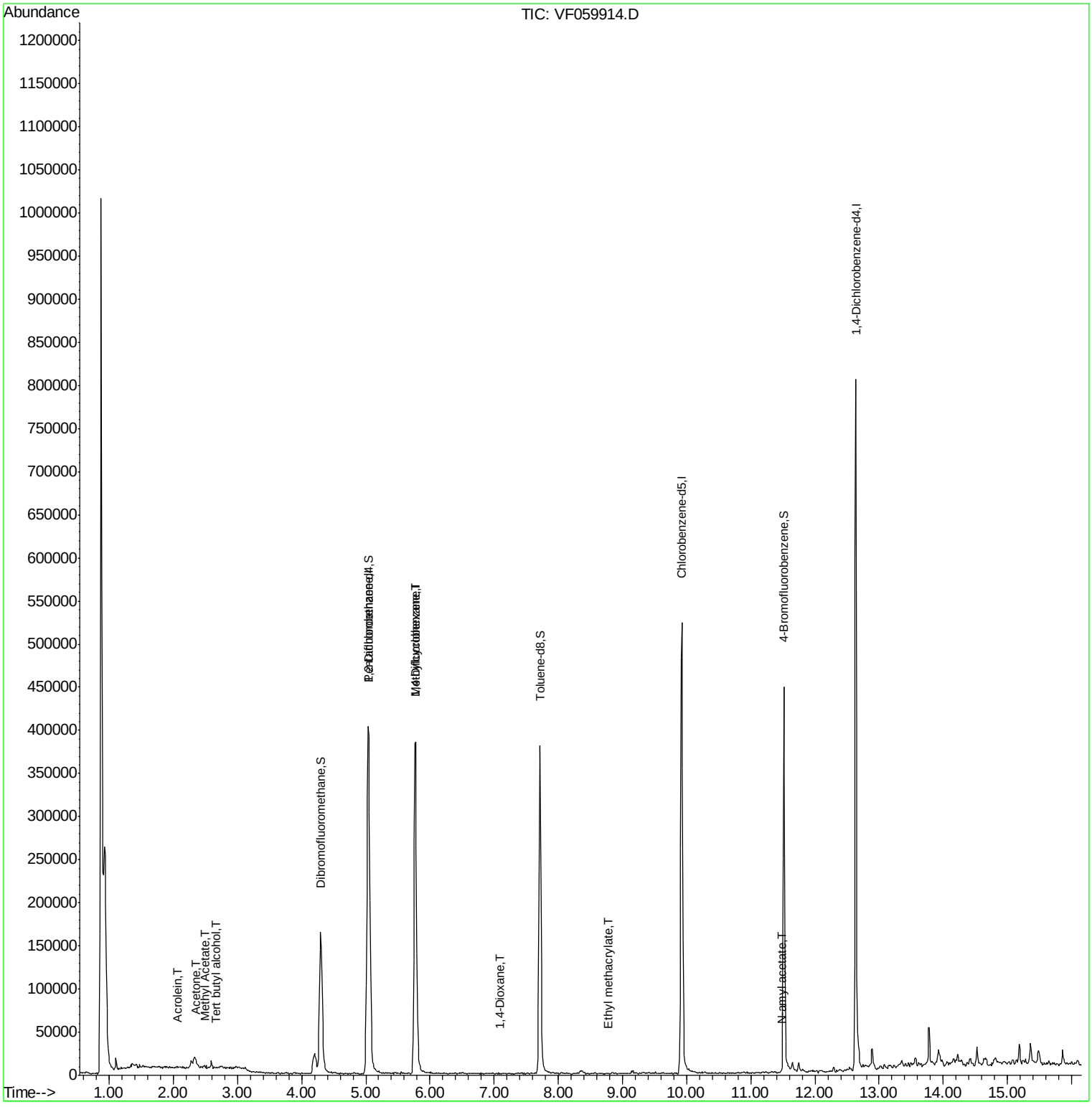
(#) = qualifier out of range (m) = manual integration (+) = signals summed

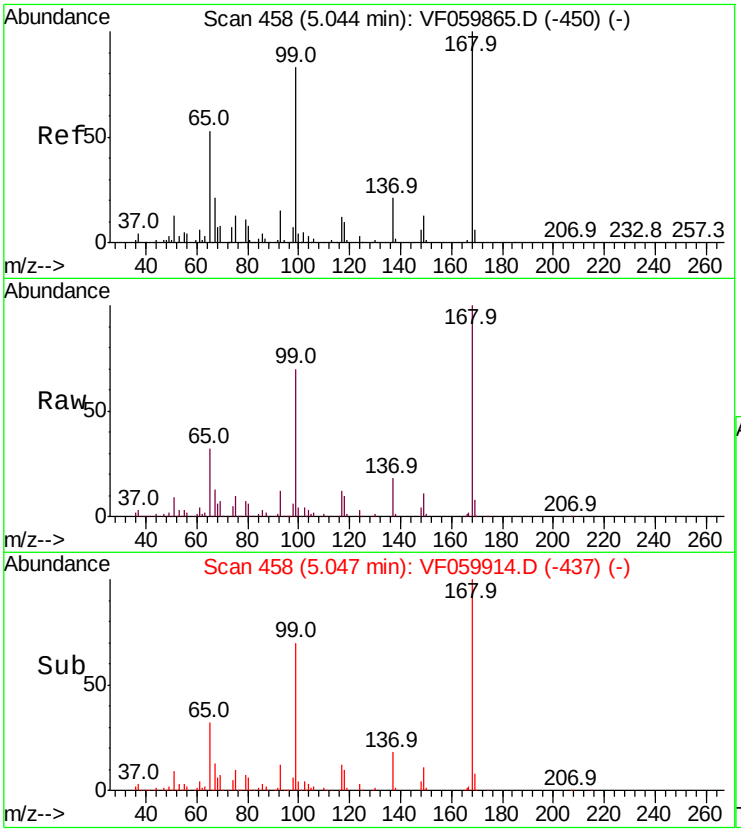
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080718\
Data File : VF059914.D
Acq On : 7 Aug 2018 11:11
Operator : VA/AP
Sample : J4298-03
Misc : 4.70g/5mL/MSVOA F/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Aug 07 11:42:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration



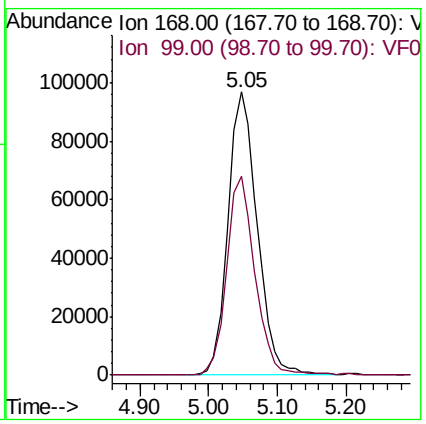


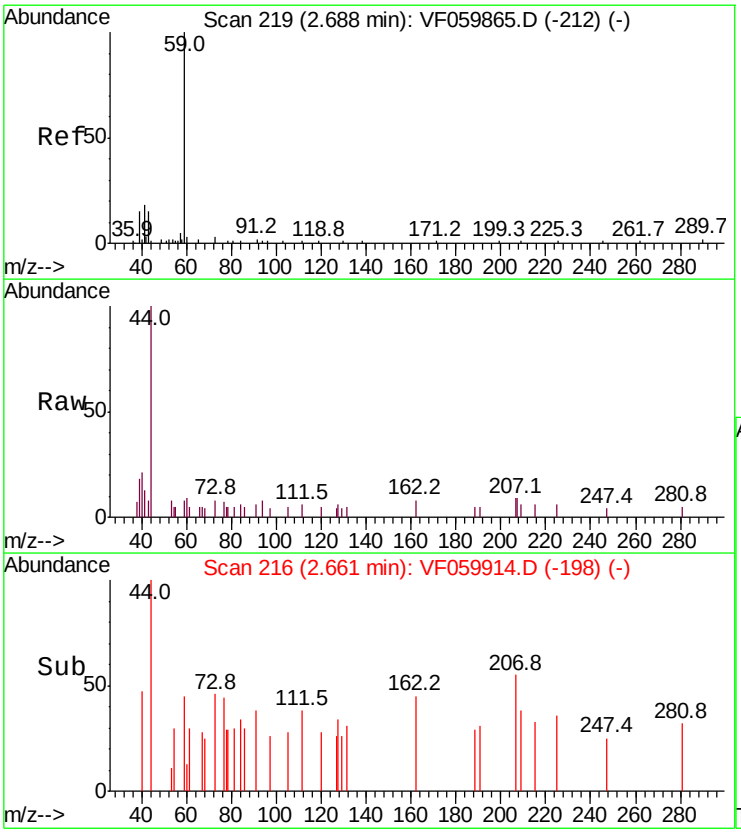
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 284260

Ion	Ratio	Lower	Upper
168	100		
99	70.3	66.3	99.5

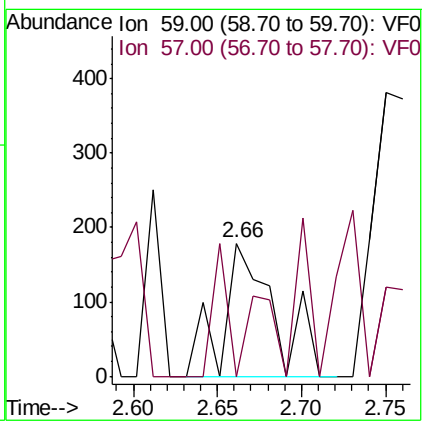


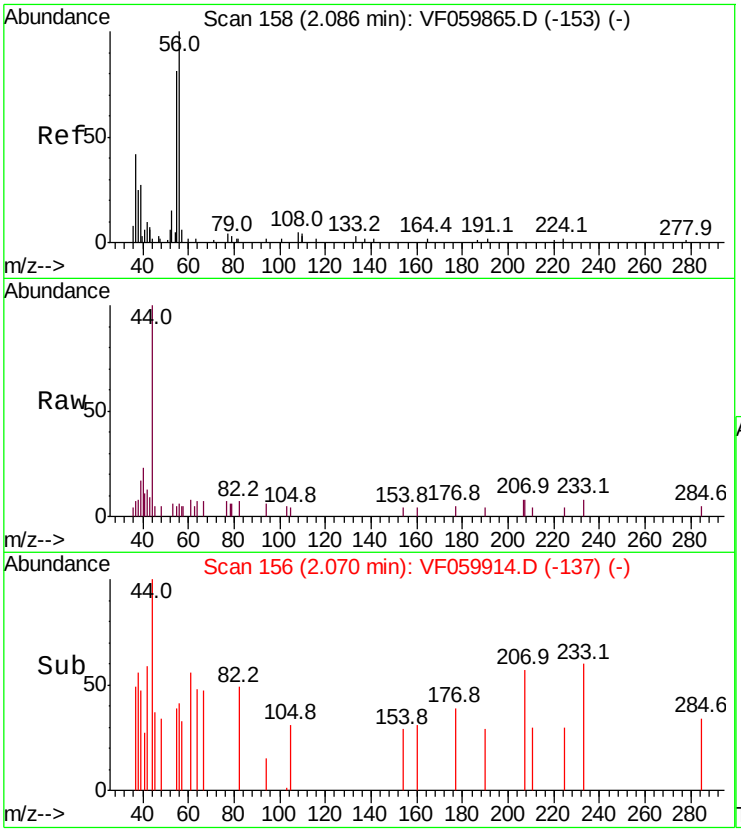


#11
Tert butyl alcohol
Concen: 1.848 ug/l
RT: 2.66 min Scan# 216
Delta R.T. -0.03 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Tgt Ion: 59 Resp: 382

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#



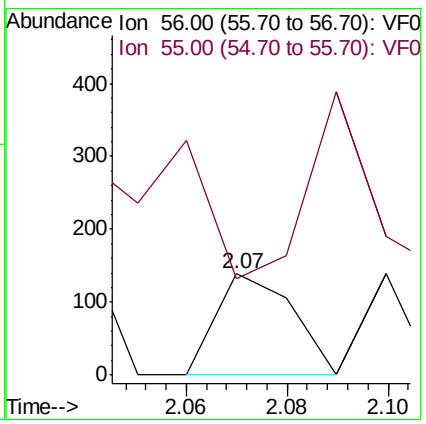


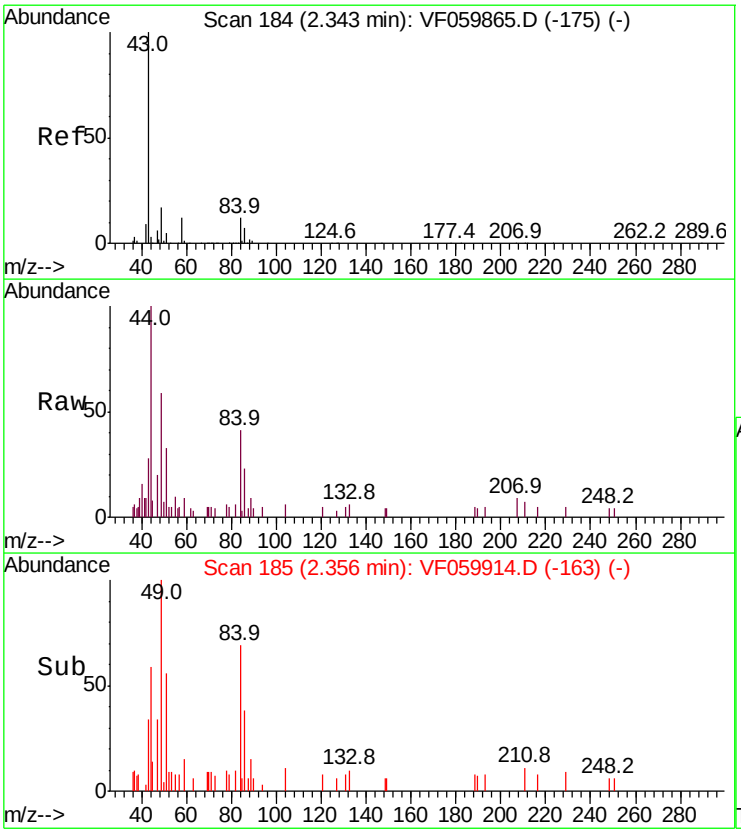
#13
Acrolein
Concen: 1.170 ug/l
RT: 2.07 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 145

Ion	Ratio	Lower	Upper
56	100		
55	95.7	64.6	96.8

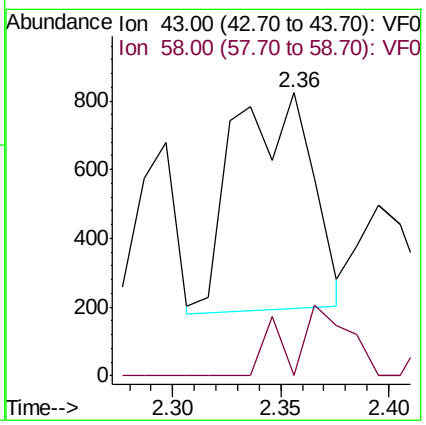


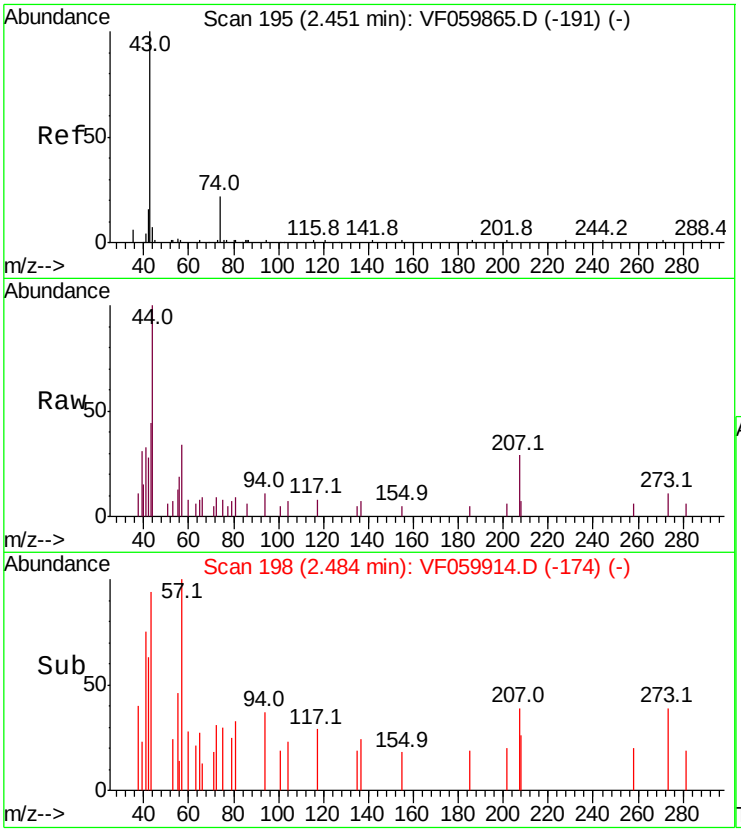


#16
Acetone
Concen: 1.705 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Tgt Ion: 43 Resp: 1613

Ion	Ratio	Lower	Upper
43	100		
58	0.0	9.4	14.0#



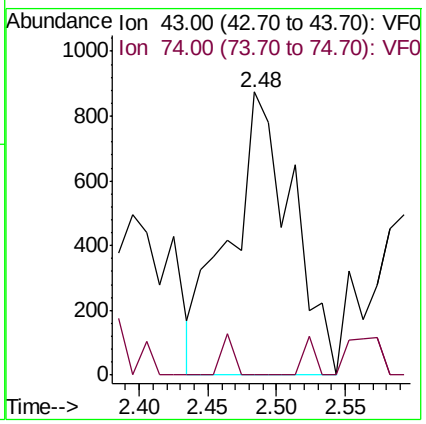


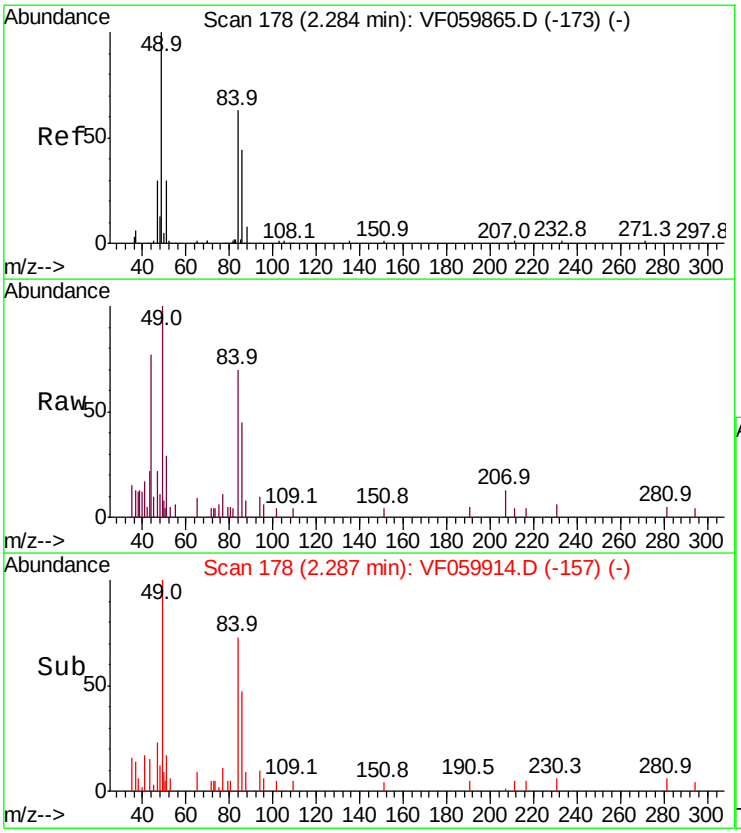
#18
Methyl Acetate
Concen: 1.732 ug/l
RT: 2.48 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2764

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#

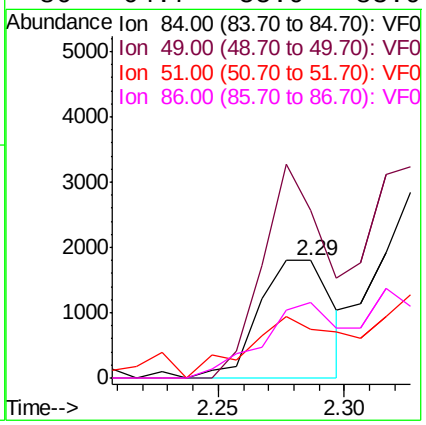


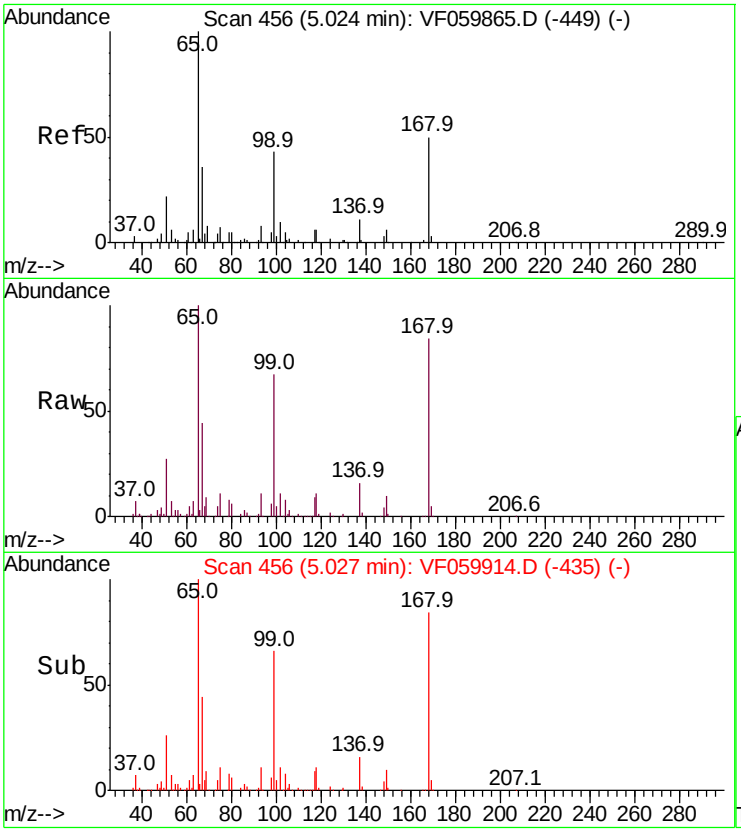


#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 178
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Tgt Ion: 84 Resp: 3637

Ion	Ratio	Lower	Upper
84	100		
49	143.1	128.7	193.1
51	41.8	39.3	58.9
86	64.7	55.9	83.9



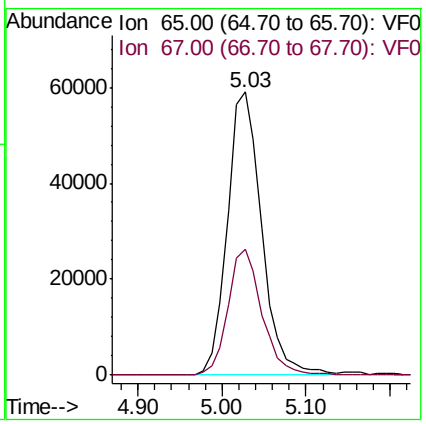


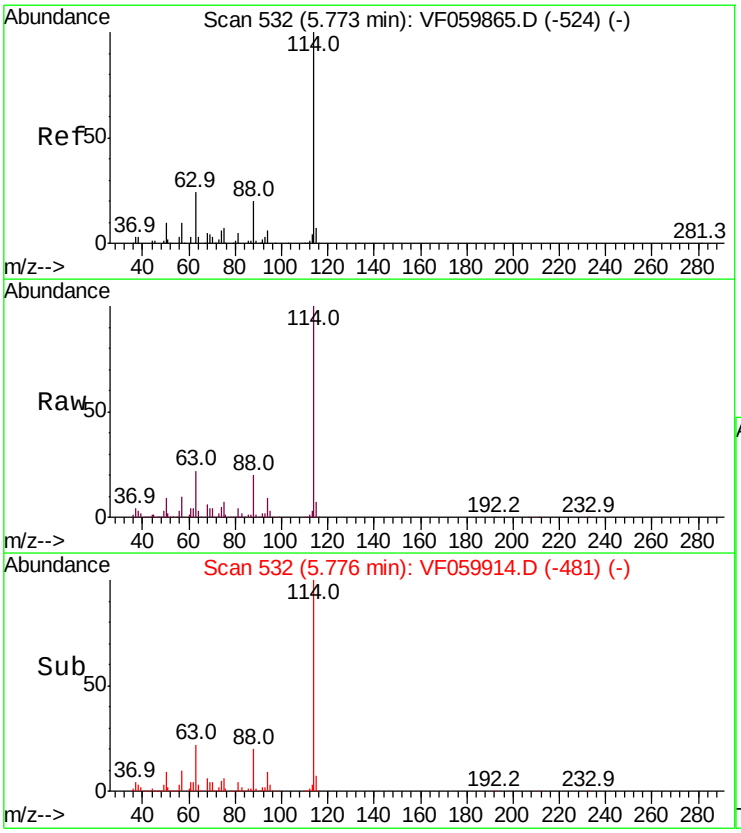
#33
1,2-Dichloroethane-d4
Concen: 32.688 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 167518

Ion	Ratio	Lower	Upper
65	100		
67	44.4	0.0	77.2

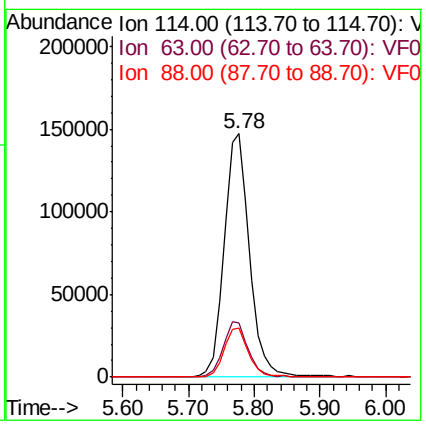


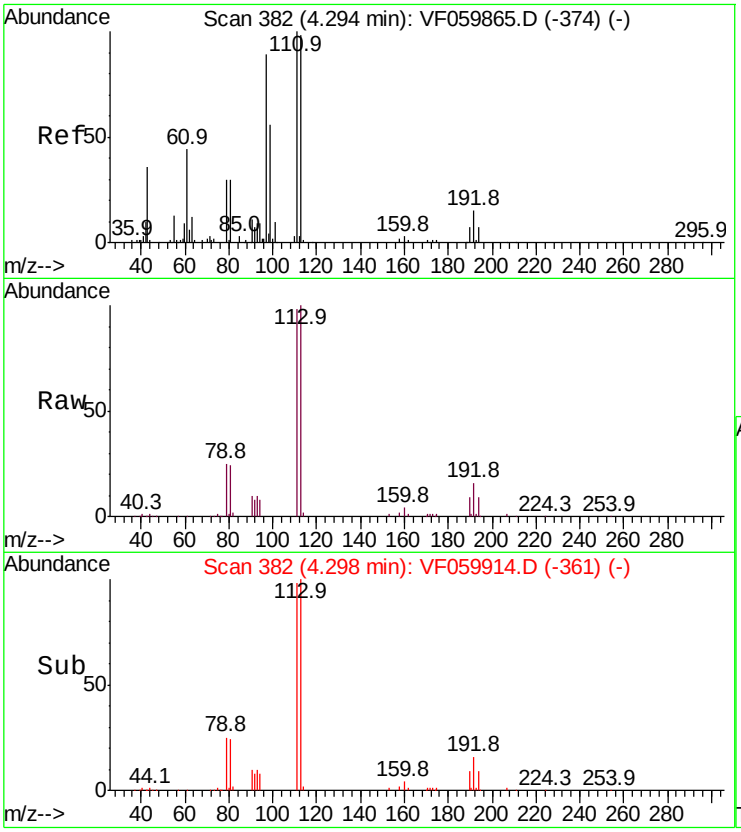


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Tgt Ion:114 Resp: 396487

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	48.0
88	20.0	0.0	39.4



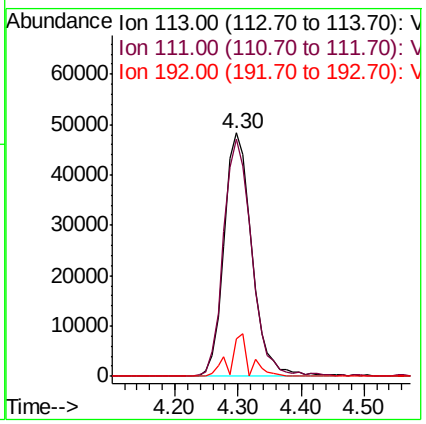


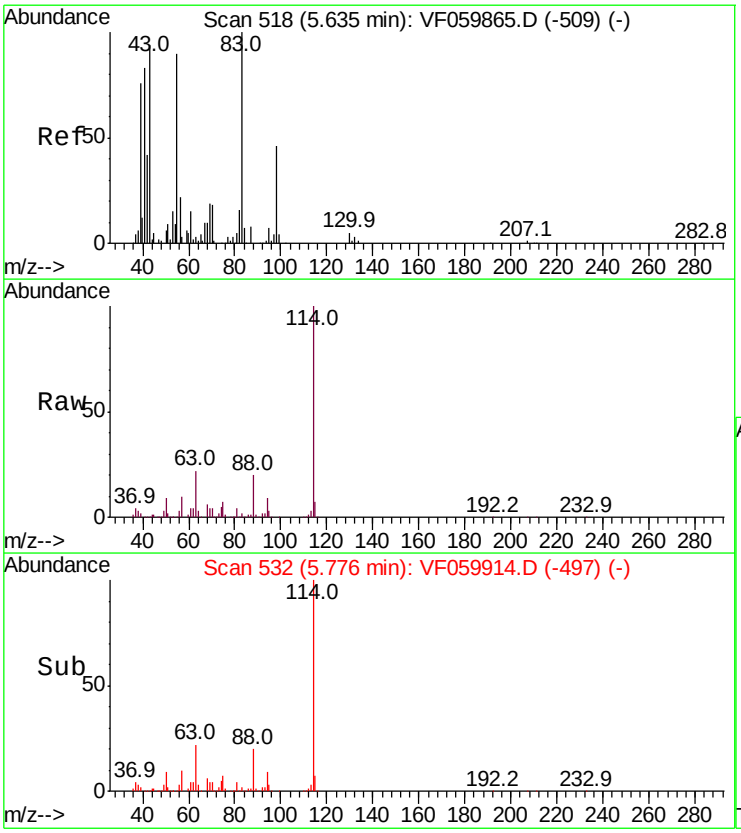
#35
Dibromofluoromethane
Concen: 37.398 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 147532

Ion	Ratio	Lower	Upper
113	100		
111	97.6	81.8	122.8
192	15.7	12.4	18.6

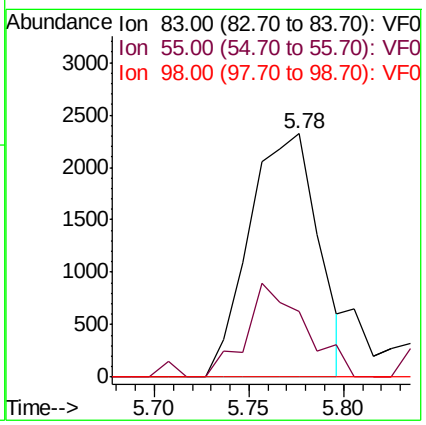


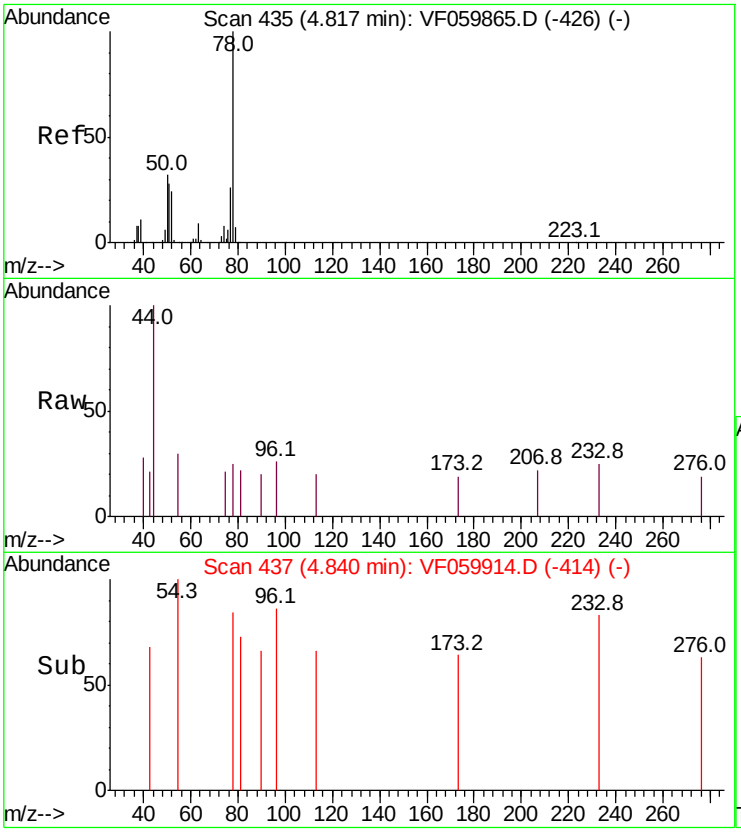


#39
Methylcyclohexane
Concen: 1.712 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.14 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Tgt Ion: 83 Resp: 5887

Ion	Ratio	Lower	Upper
83	100		
55	26.8	72.0	108.0#
98	0.0	36.6	54.8#



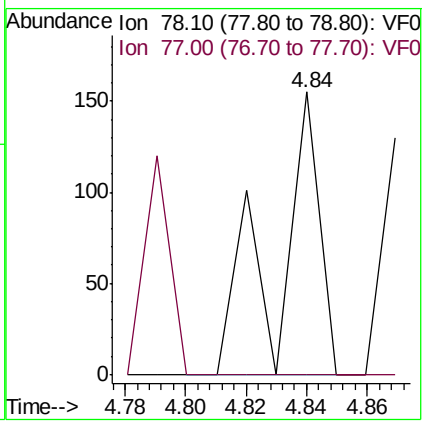


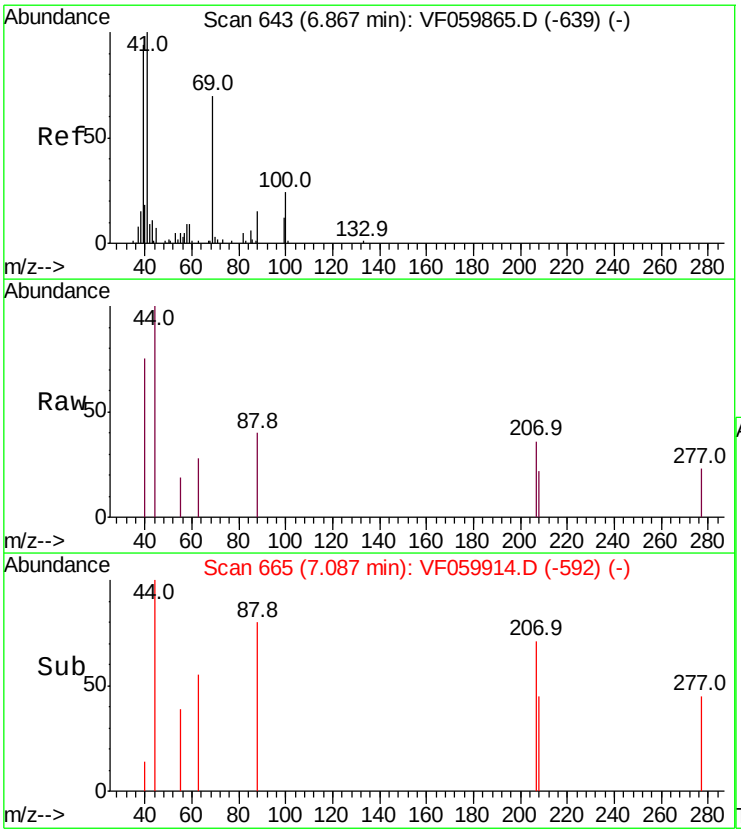
#40
Benzene
Concen: Below Cal
RT: 4.84 min Scan# 437
Delta R.T. 0.02 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 78 Resp: 151

Ion	Ratio	Lower	Upper
78	100		
77	0.0	20.7	31.1#

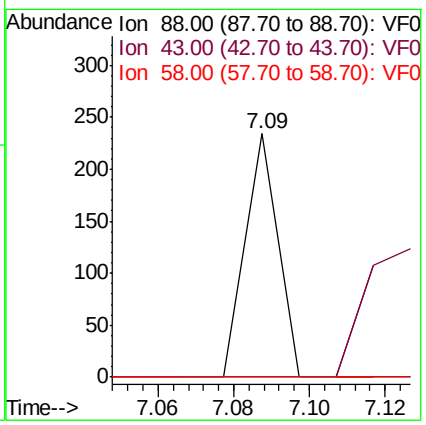


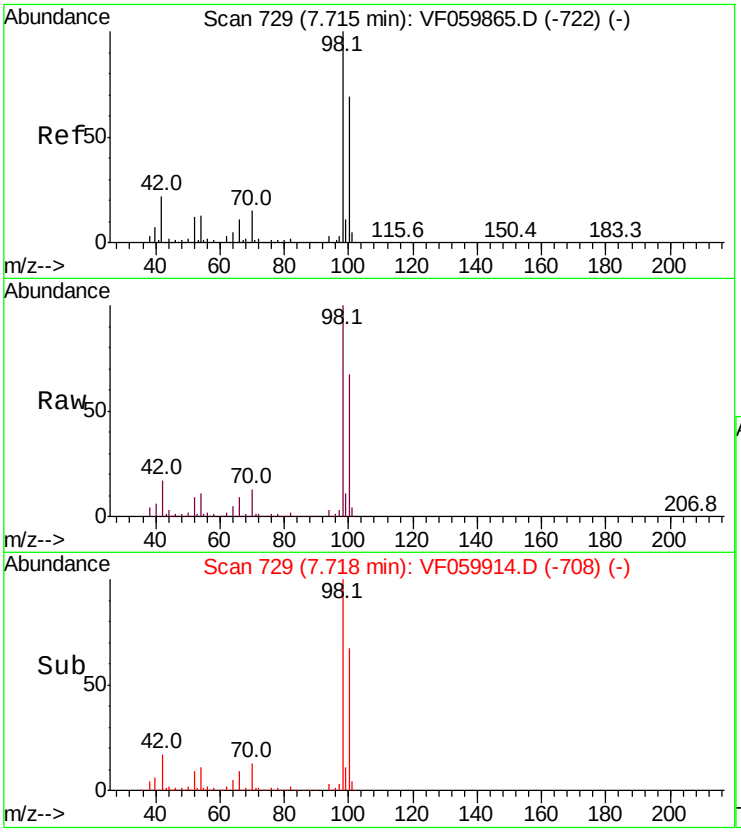


#49
1,4-Dioxane
Concen: 91.627 ug/l
RT: 7.09 min Scan# 665
Delta R.T. 0.22 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Tgt Ion: 88 Resp: 138

Ion	Ratio	Lower	Upper
88	100		
43	0.0	58.3	87.5#
58	0.0	49.4	74.2#



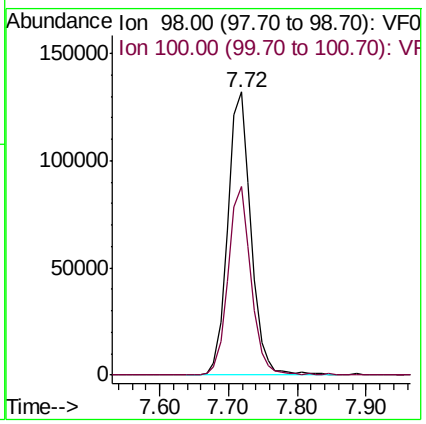


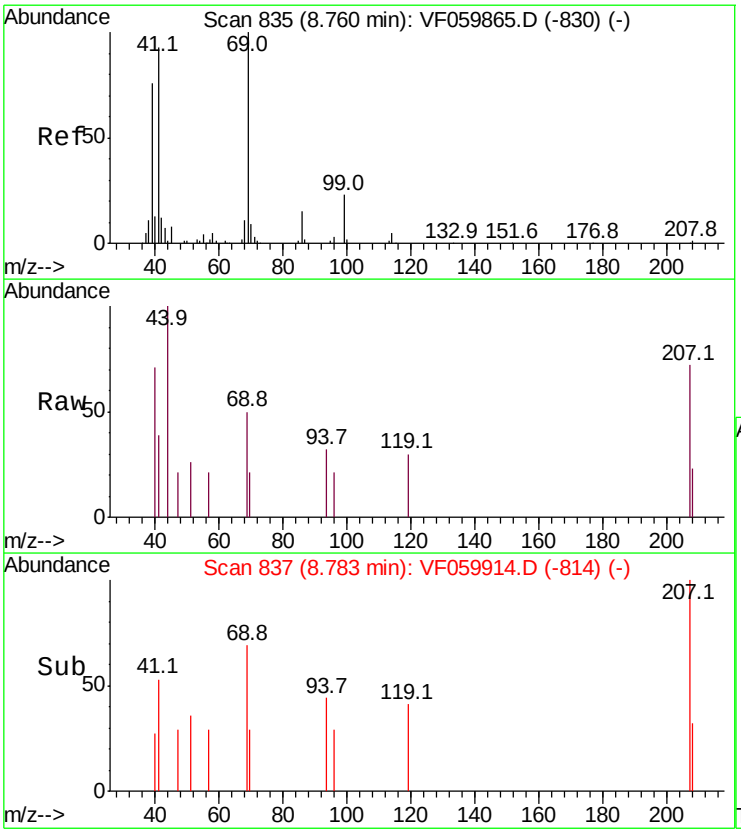
#50
Toluene-d8
Concen: 36.522 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 306546

Ion	Ratio	Lower	Upper
98	100		
100	66.8	55.0	82.6

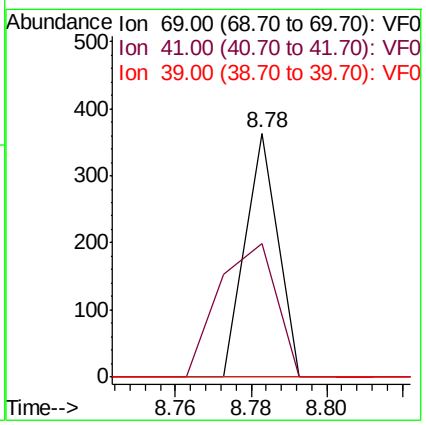


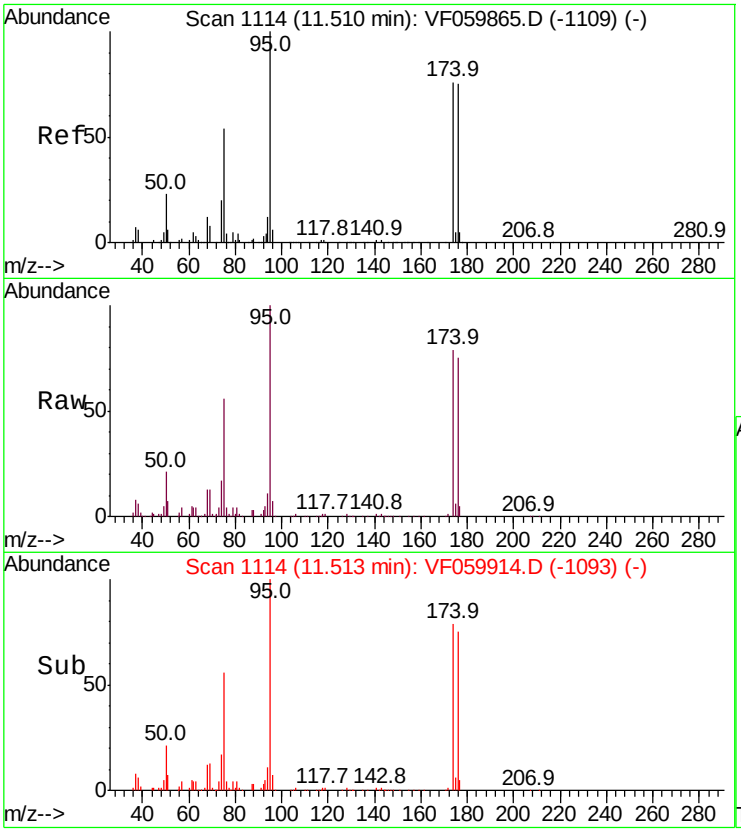


#56
Ethyl methacrylate
Concen: 3.444 ug/l
RT: 8.78 min Scan# 837
Delta R.T. 0.02 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Tgt Ion: 69 Resp: 215

Ion	Ratio	Lower	Upper
69	100		
41	54.5	74.7	112.1#
39	0.0	61.1	91.7#



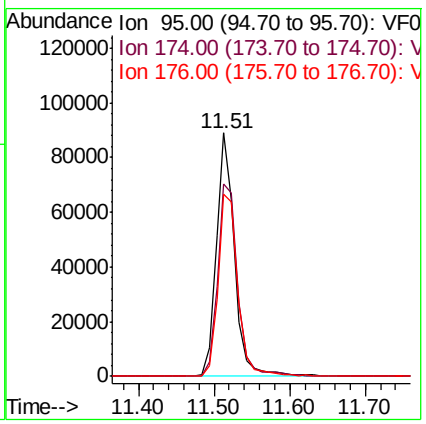


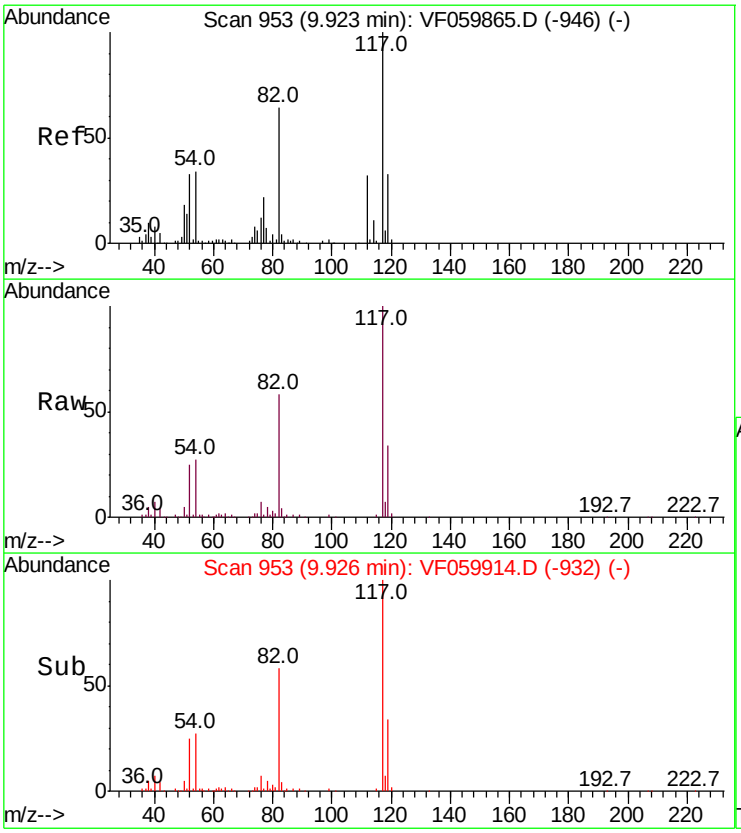
#62
4-Bromofluorobenzene
Concen: 31.811 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 150040

Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	151.6
176	74.8	0.0	149.8

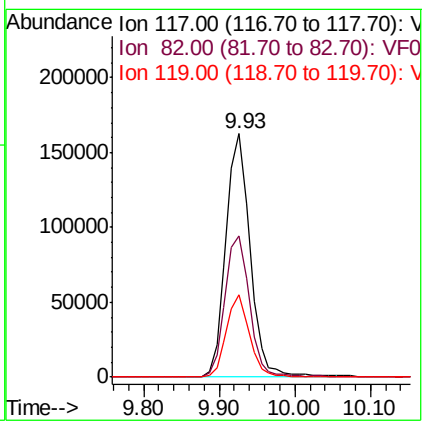


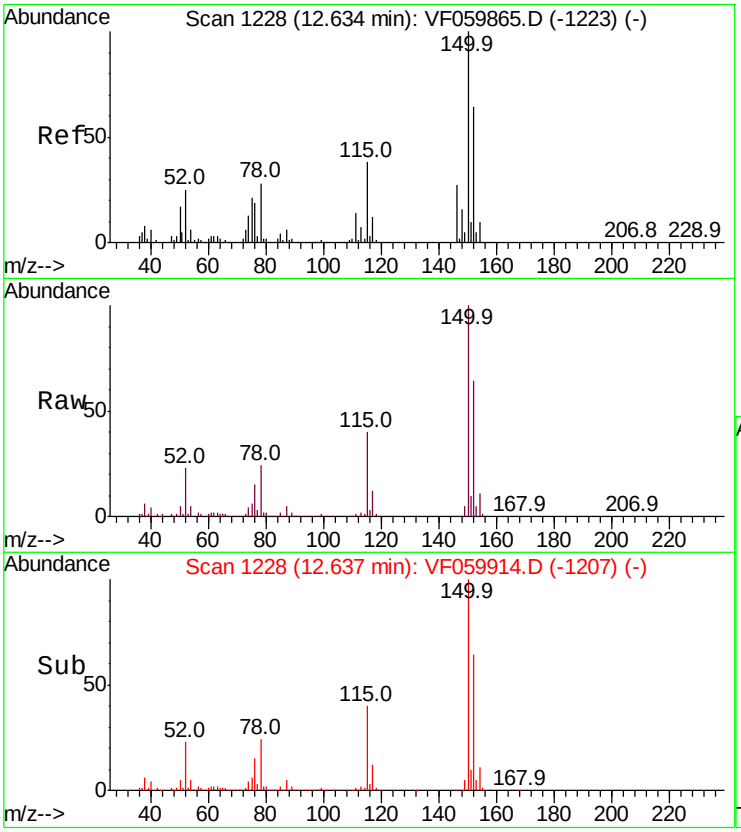


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Tgt Ion:117 Resp: 361303

Ion	Ratio	Lower	Upper
117	100		
82	57.8	51.3	76.9
119	33.6	26.4	39.6



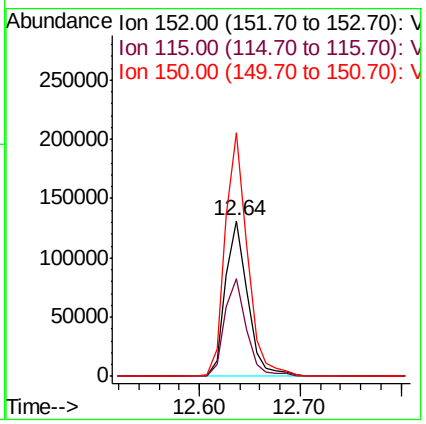


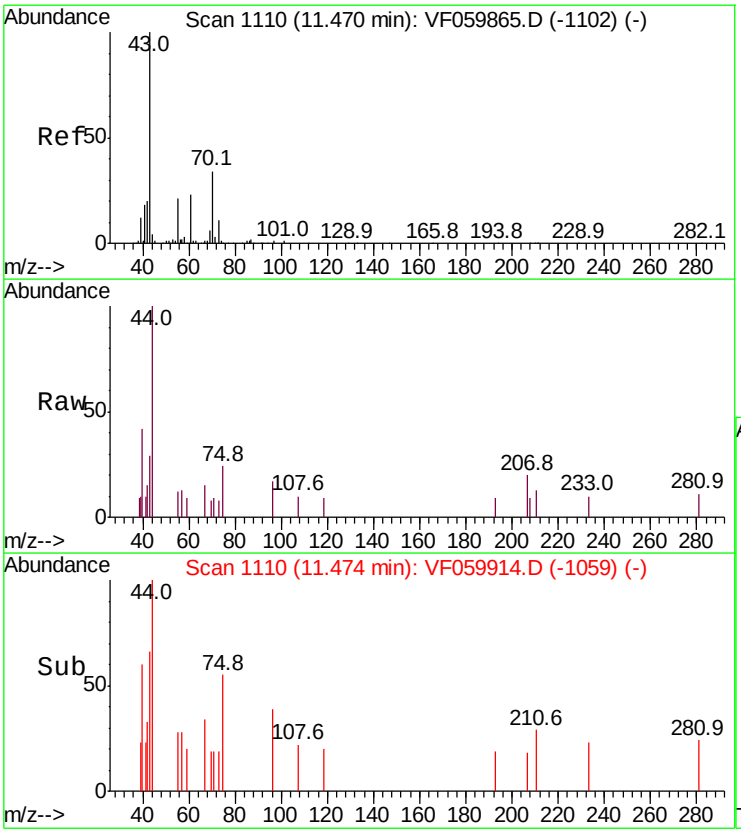
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 202219

Ion	Ratio	Lower	Upper
152	100		
115	62.3	29.8	89.4
150	156.3	0.0	315.6





#74
N-amyl acetate
Concen: 3.139 ug/l
RT: 11.47 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Tgt Ion: 43 Resp: 595

Ion	Ratio	Lower	Upper
43	100		
70	28.7	27.5	41.3
55	42.6	16.6	25.0#
61	0.0	18.2	27.4#