Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081018\
Data File : VF059941.D
Acq On : 10 Aug 2018 13:37
Operator : VA/AP
Sample : J4388-01RE
Misc : 6.96g/5mL/MSVOA_F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : S-1A

Quant Time: Aug 10 23:03:56 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	5.06	168	114576	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	158689	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	156547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	89706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	88592	42.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.78%			
35) Dibromofluoromethane	4.31	113	71222	45.11	ug/l	0.02
Spiked Amount 50.000			Recovery = 90.22%			
50) Toluene-d8	7.72	98	147303	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.70%			
62) 4-Bromofluorobenzene	11.52	95	77353	40.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.96%			
Target Compounds						Qvalue
13) Acrolein	2.06	56	63	1.262	ug/l #	9
15) Acrylonitrile	3.09	53	335	2.194	ug/l #	1
16) Acetone	2.34	43	6087	15.962	ug/l #	94
20) Methylene Chloride	2.33	84	2072	Below Cal		94
25) 2-Butanone	4.52	43	1561	3.765	ug/l	97
29) Tetrahydrofuran	4.27	42	336	2.201	ug/l #	38
37) Ethyl Acetate	4.19	43	1210	1.535	ug/l #	1
39) Methylcyclohexane	5.78	83	2934	2.131	ug/l #	48
40) Benzene	4.81	78	273	Below Cal #		49
51) 4-Methyl-2-Pentanone	8.43	43	1542	1.858	ug/l #	67
56) Ethyl methacrylate	8.78	69	251	3.613	ug/l #	1
59) 2-Hexanone	9.64	43	3350	5.716	ug/l	93
74) N-amyl acetate	11.48	43	1176	3.759	ug/l #	89

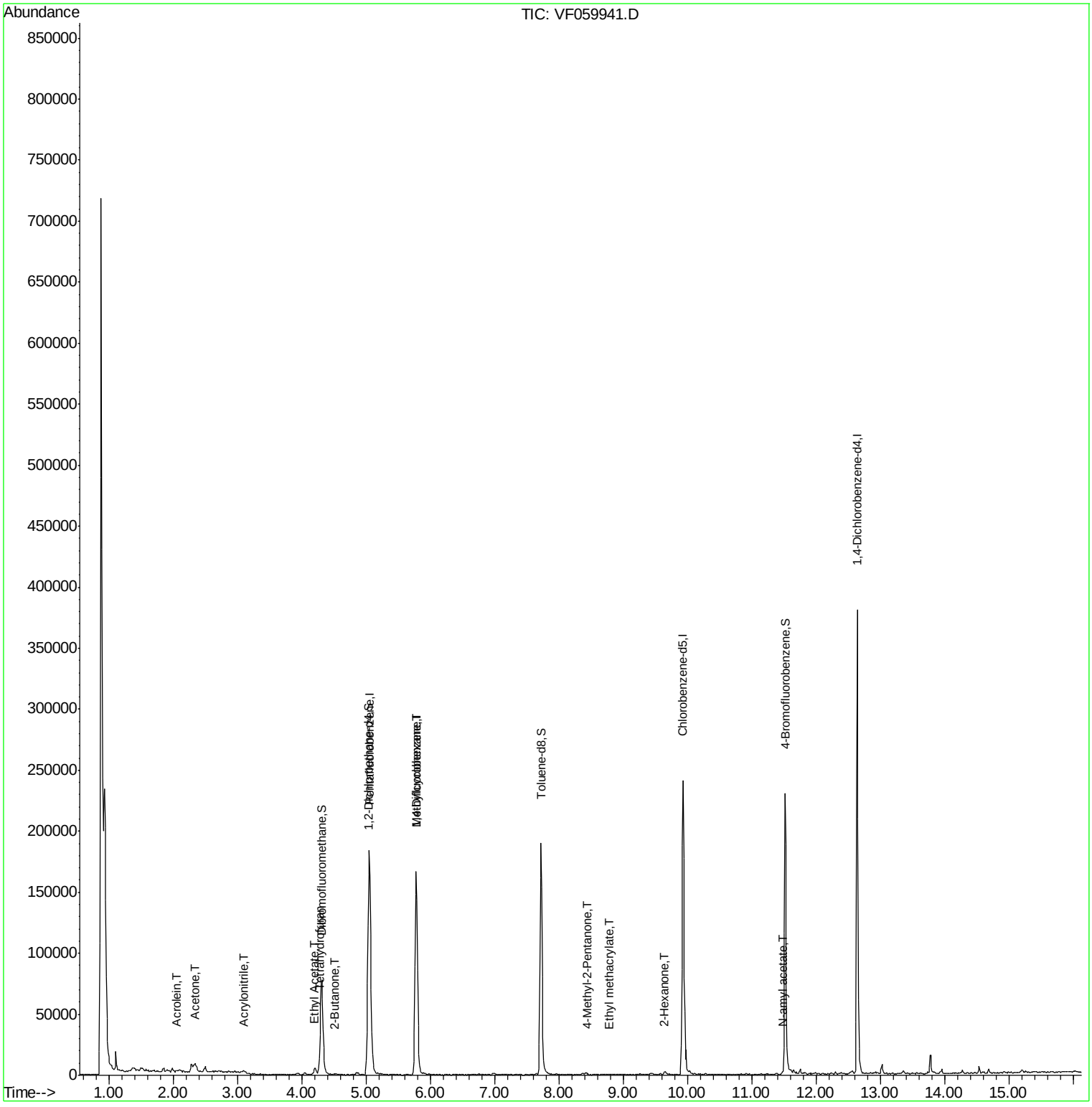
(#) = qualifier out of range (m) = manual integration (+) = signals summed

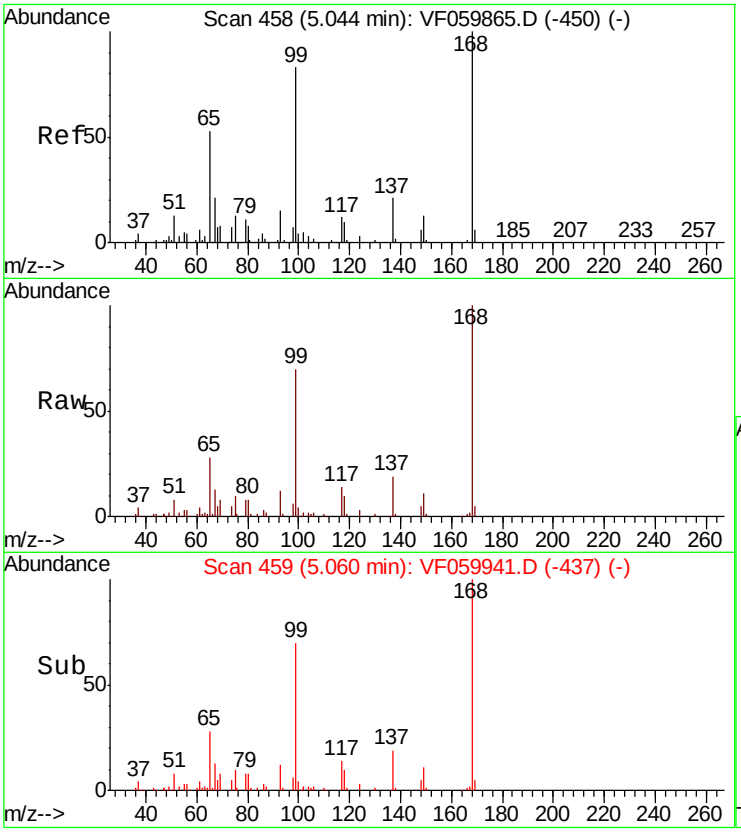
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081018\
Data File : VF059941.D
Acq On : 10 Aug 2018 13:37
Operator : VA/AP
Sample : J4388-01RE
Misc : 6.96g/5mL/MSVOA_F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
S-1A

Quant Time: Aug 10 23:03:56 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



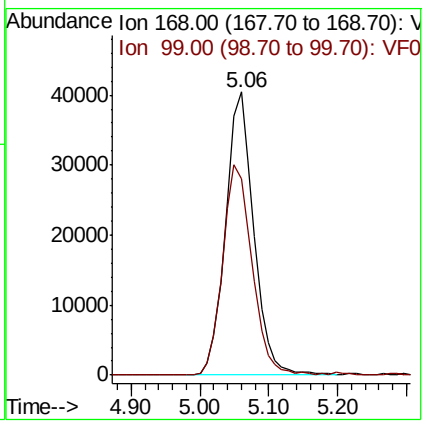


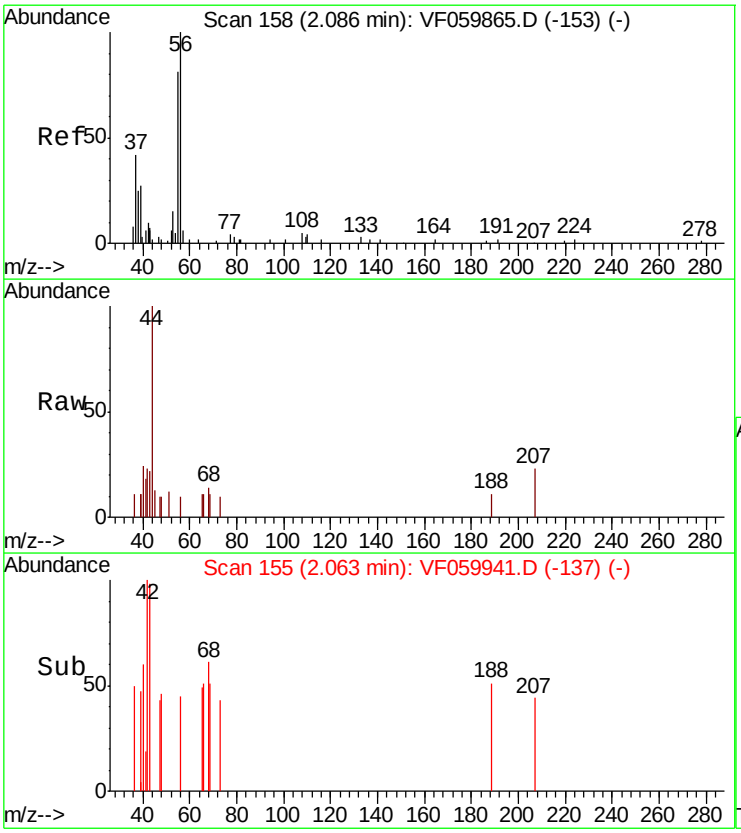
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.02 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Instrument :
MSVOA_F
ClientSampleId :
S-1A

Tgt Ion:168 Resp: 114576

Ion	Ratio	Lower	Upper
168	100		
99	69.5	66.3	99.5

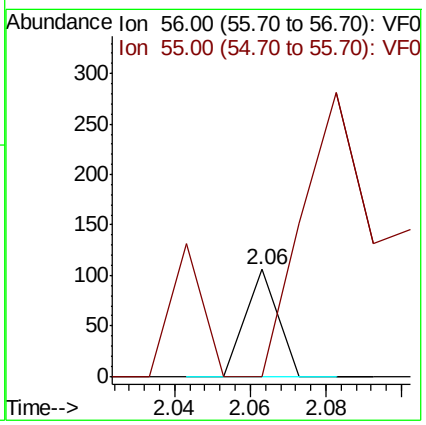


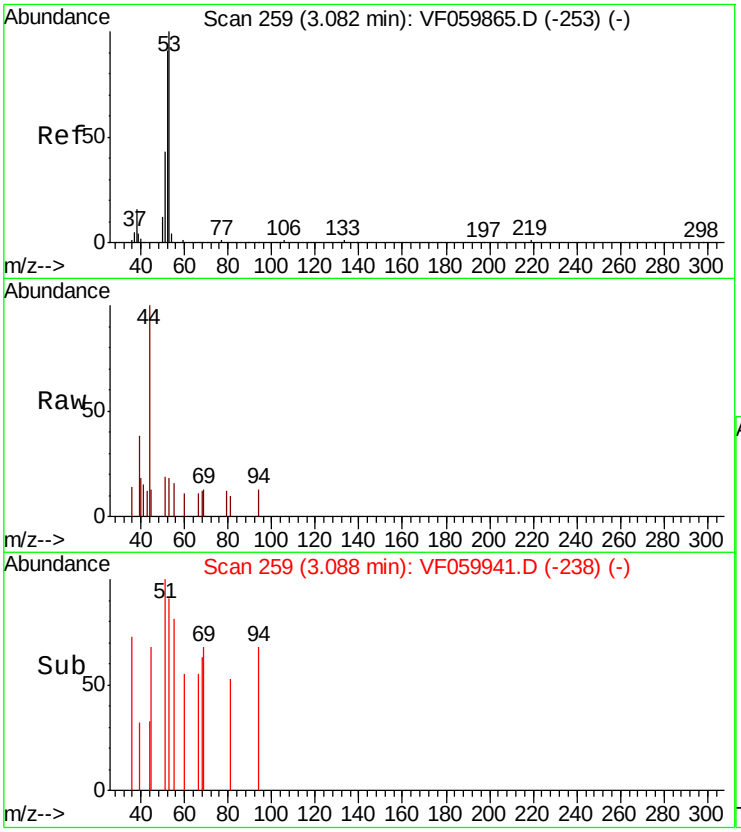


#13
Acrolein
Concen: 1.262 ug/l
RT: 2.06 min Scan# 155
Delta R.T. -0.02 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Tgt Ion: 56 Resp: 63

Ion	Ratio	Lower	Upper
56	100		
55	0.0	64.6	96.8#



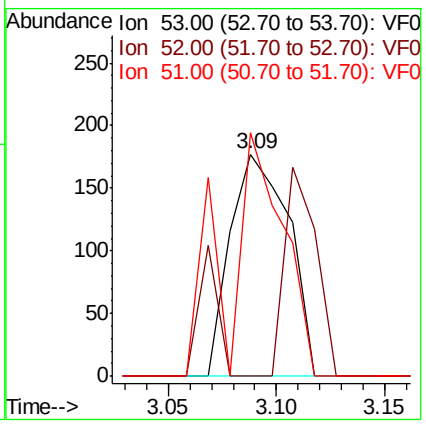


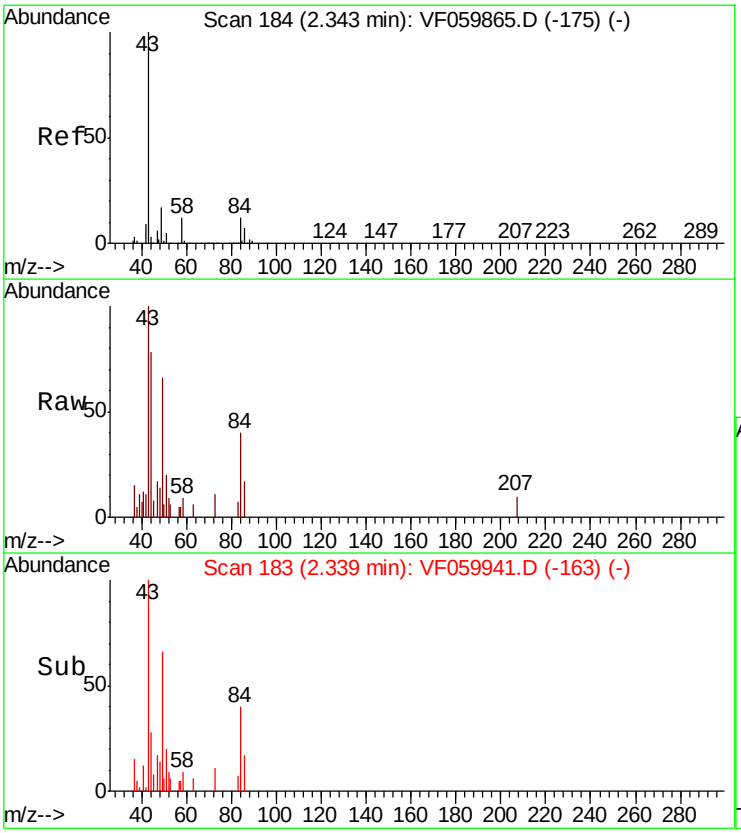
#15
Acrylonitrile
Concen: 2.194 ug/l
RT: 3.09 min Scan# 259
Delta R.T. 0.01 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Instrument : MSVOA_F
ClientSampleId : S-1A

Tgt Ion: 53 Resp: 335

Ion	Ratio	Lower	Upper
53	100		
52	0.0	72.9	109.3#
51	109.6	34.5	51.7#

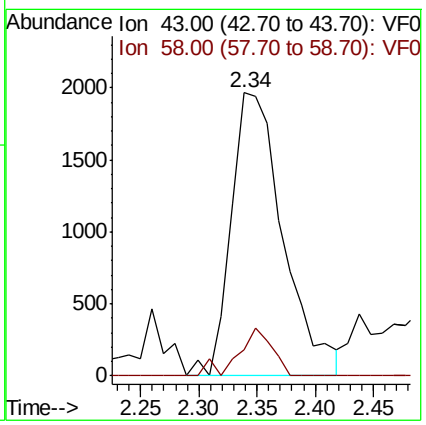


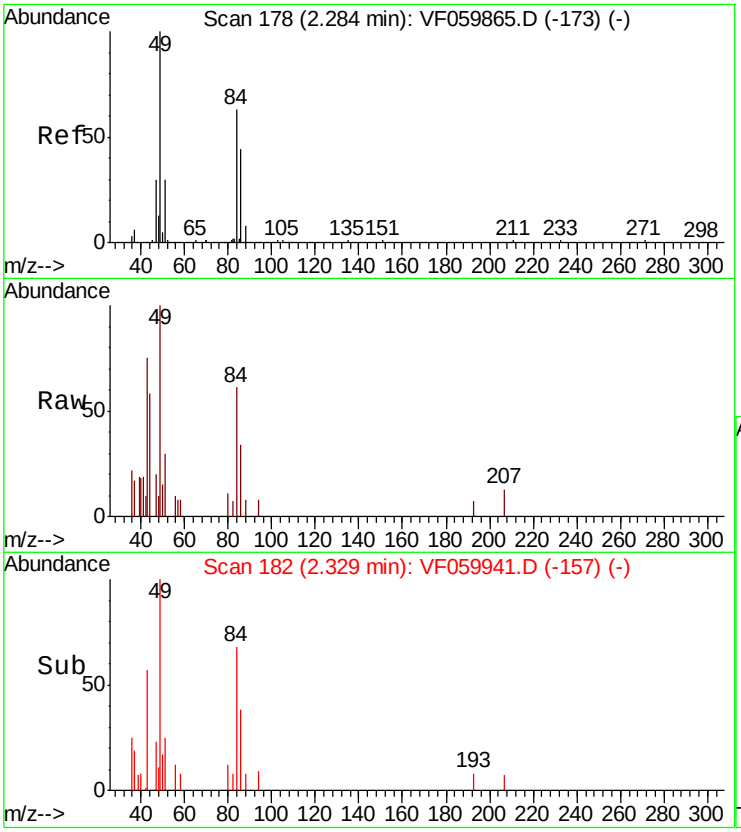


#16
Acetone
Concen: 15.962 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Tgt Ion: 43 Resp: 6087

Ion	Ratio	Lower	Upper
43	100		
58	9.4	9.4	14.0#



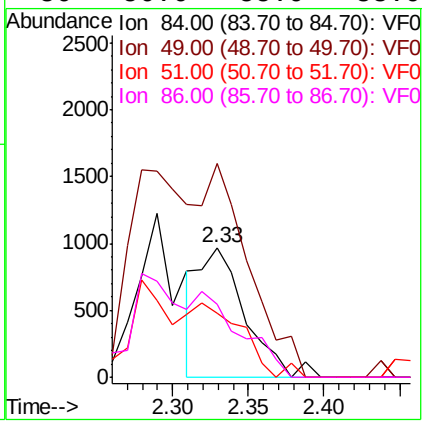


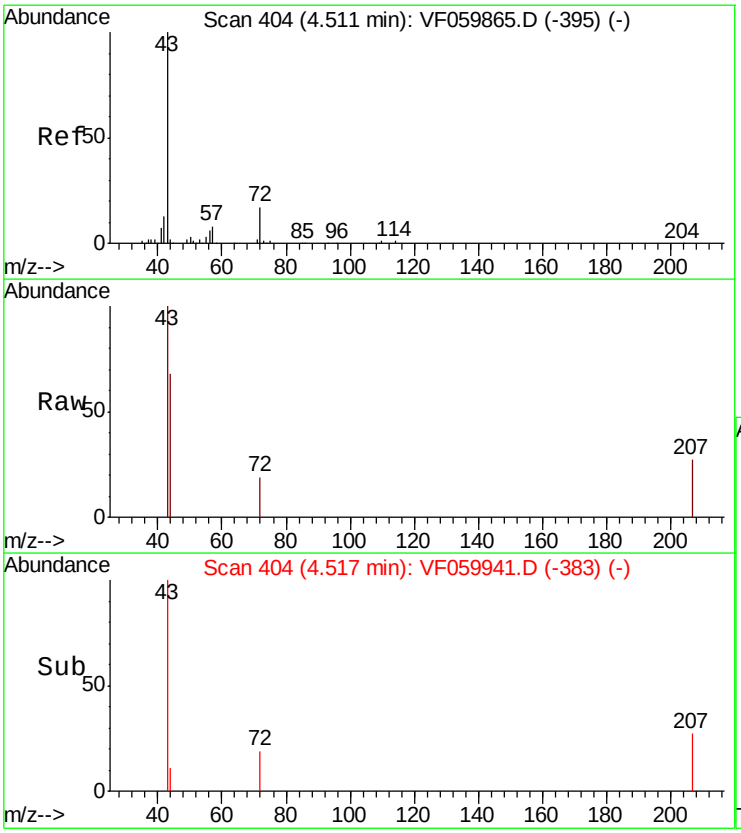
#20
Methylene Chloride
Concen: Below Cal
RT: 2.33 min Scan# 182
Delta R.T. 0.05 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Instrument :
MSVOA_F
ClientSampleId :
S-1A

Tgt Ion: 84 Resp: 2072

Ion	Ratio	Lower	Upper
84	100		
49	165.0	128.7	193.1
51	49.4	39.3	58.9
86	56.6	55.9	83.9

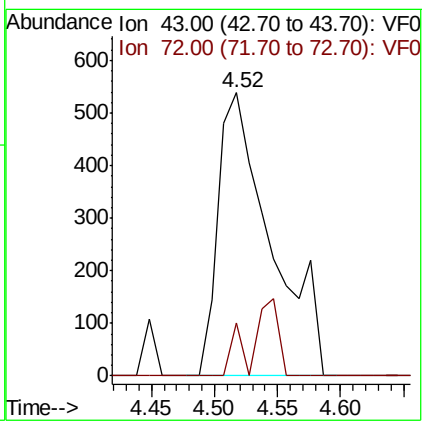


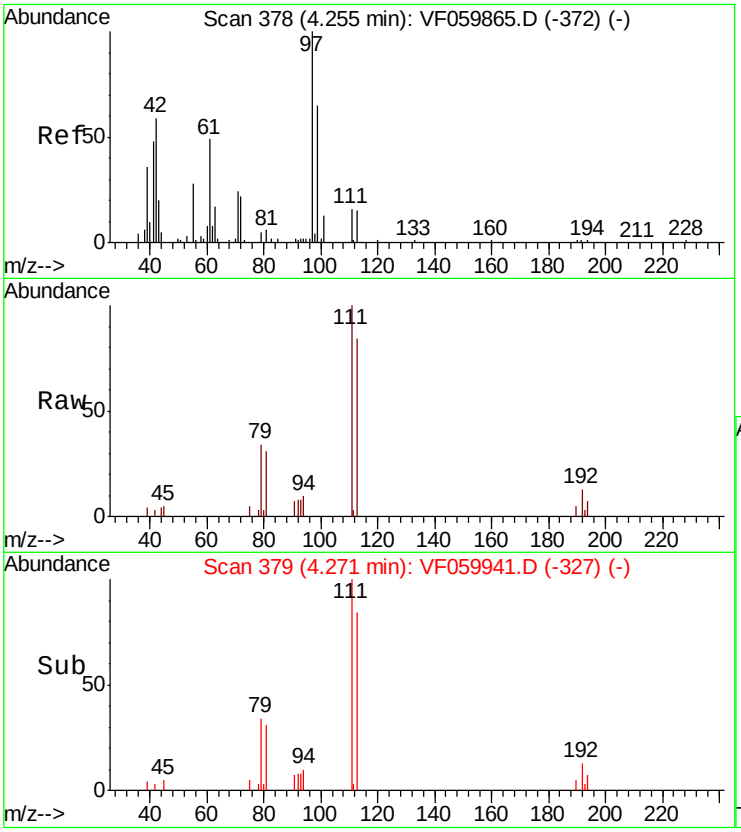


#25
2-Butanone
Concen: 3.765 ug/l
RT: 4.52 min Scan# 404
Delta R.T. 0.01 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Tgt Ion: 43 Resp: 1561

Ion	Ratio	Lower	Upper
43	100		
72	18.8	13.9	20.9



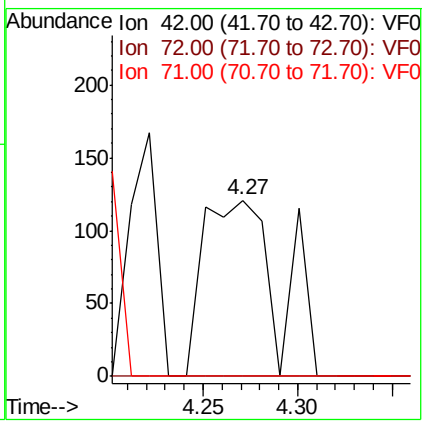


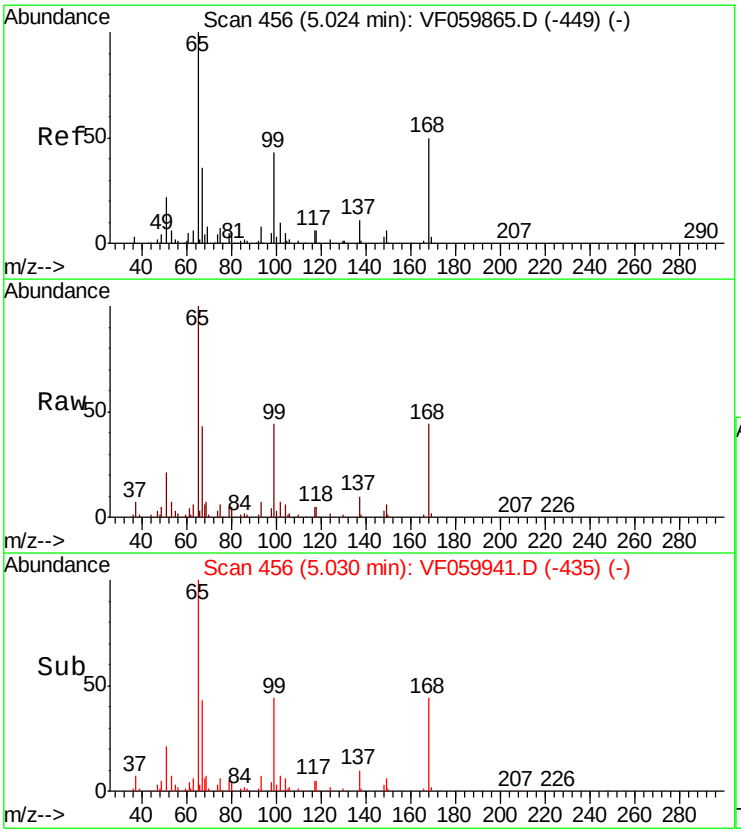
#29
Tetrahydrofuran
Concen: 2.201 ug/l
RT: 4.27 min Scan# 379
Delta R.T. 0.02 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Instrument :
MSVOA_F
ClientSampleId :
S-1A

Tgt Ion: 42 Resp: 336

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.3	43.9#
71	0.0	30.0	45.0#

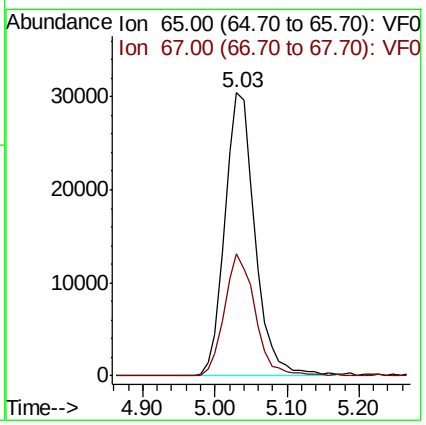


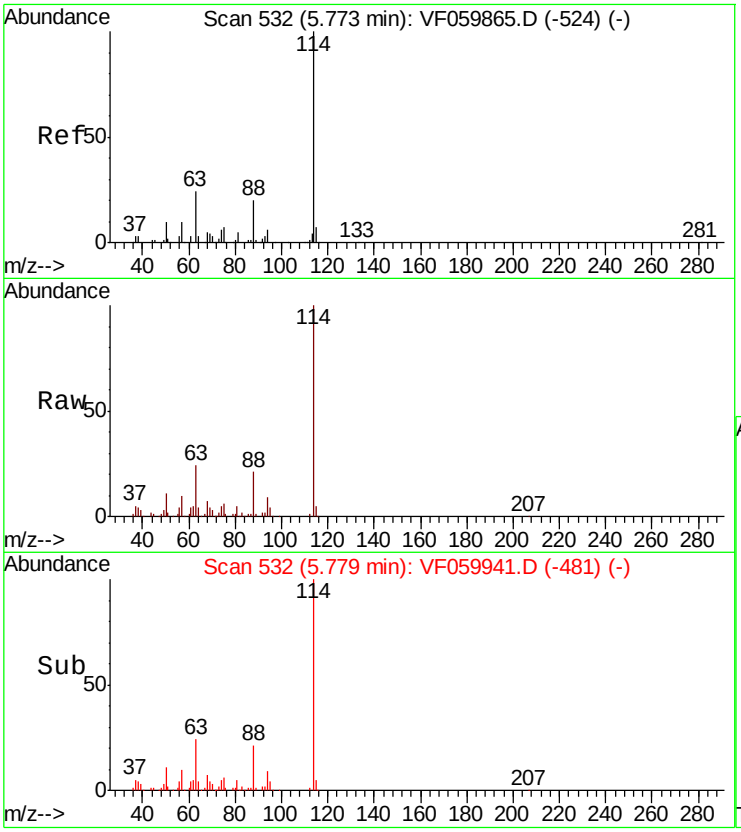


#33
1,2-Dichloroethane-d4
Concen: 42.889 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.01 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Tgt Ion: 65 Resp: 88592

Ion	Ratio	Lower	Upper
65	100		
67	43.3	0.0	77.2



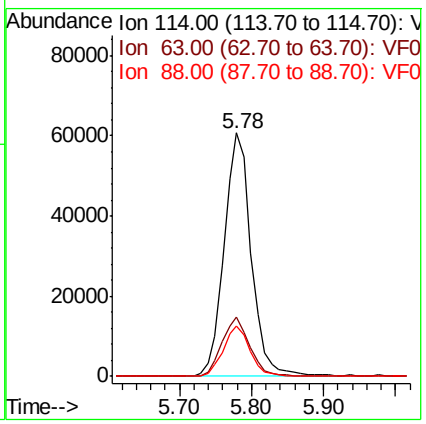


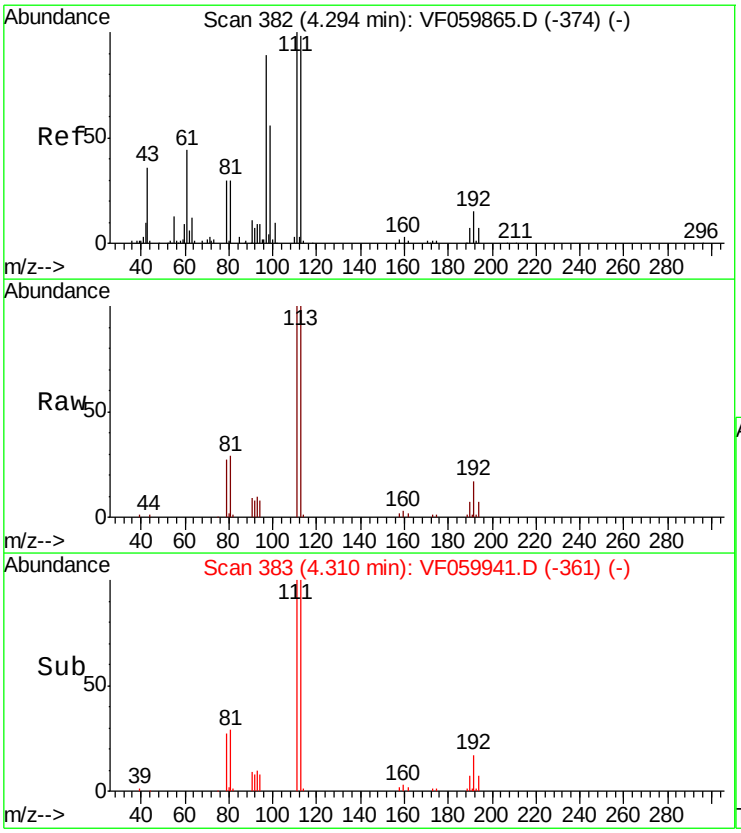
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Instrument :
MSVOA_F
ClientSampleId :
S-1A

Tgt Ion:114 Resp: 158689

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	48.0
88	20.7	0.0	39.4

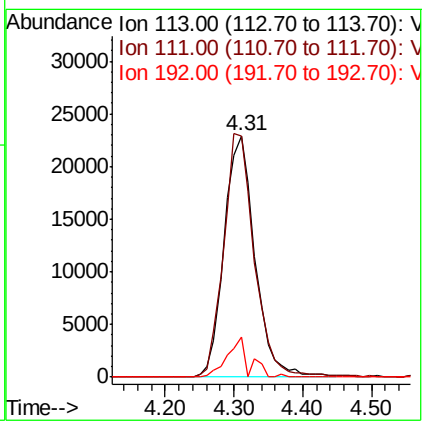


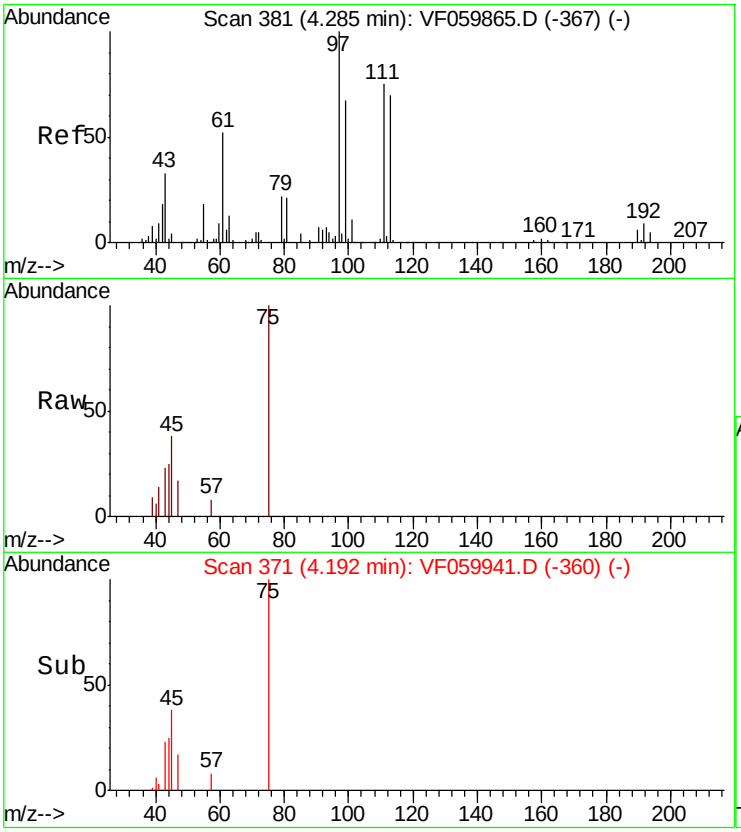


#35
Dibromofluoromethane
Concen: 45.109 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.02 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Tgt Ion:113 Resp: 71222

Ion	Ratio	Lower	Upper
113	100		
111	99.8	81.8	122.8
192	16.6	12.4	18.6



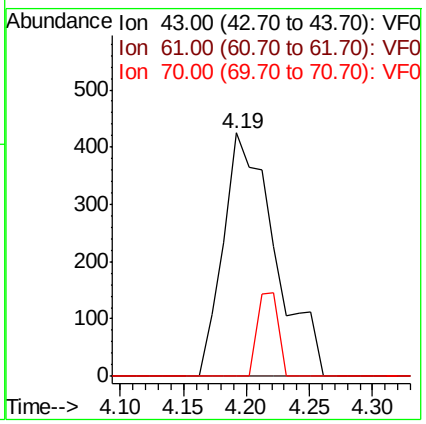


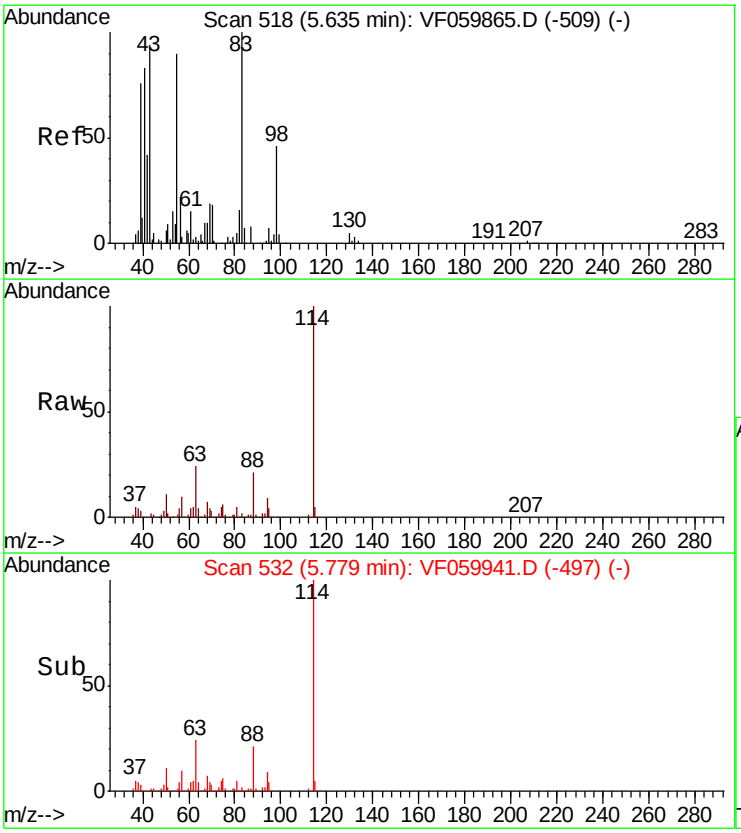
#37
Ethyl Acetate
Concen: 1.535 ug/l
RT: 4.19 min Scan# 371
Delta R.T. -0.09 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Instrument : MSVOA_F
ClientSampleId : S-1A

Tgt Ion: 43 Resp: 1210

Ion	Ratio	Lower	Upper
43	100		
61	0.0	123.7	185.5#
70	0.0	7.8	11.8#

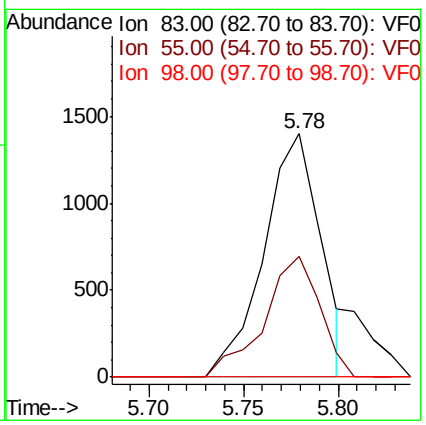


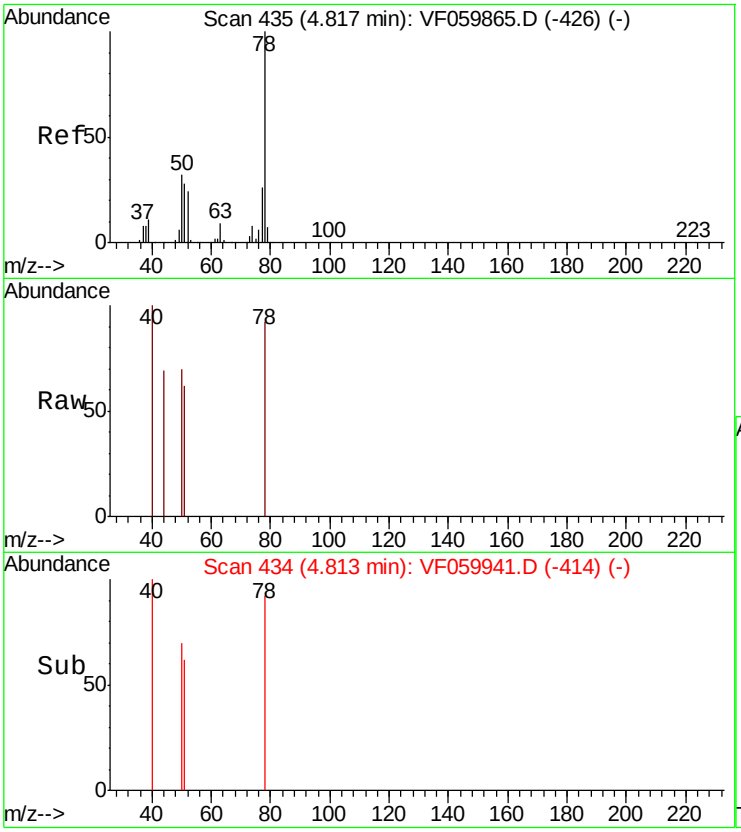


#39
Methylcyclohexane
Concen: 2.131 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.14 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Tgt Ion: 83 Resp: 2934

Ion	Ratio	Lower	Upper
83	100		
55	49.4	72.0	108.0#
98	0.0	36.6	54.8#



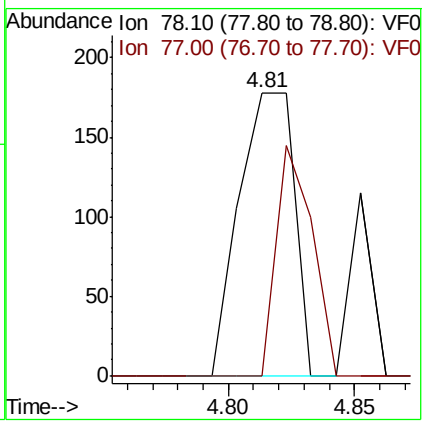


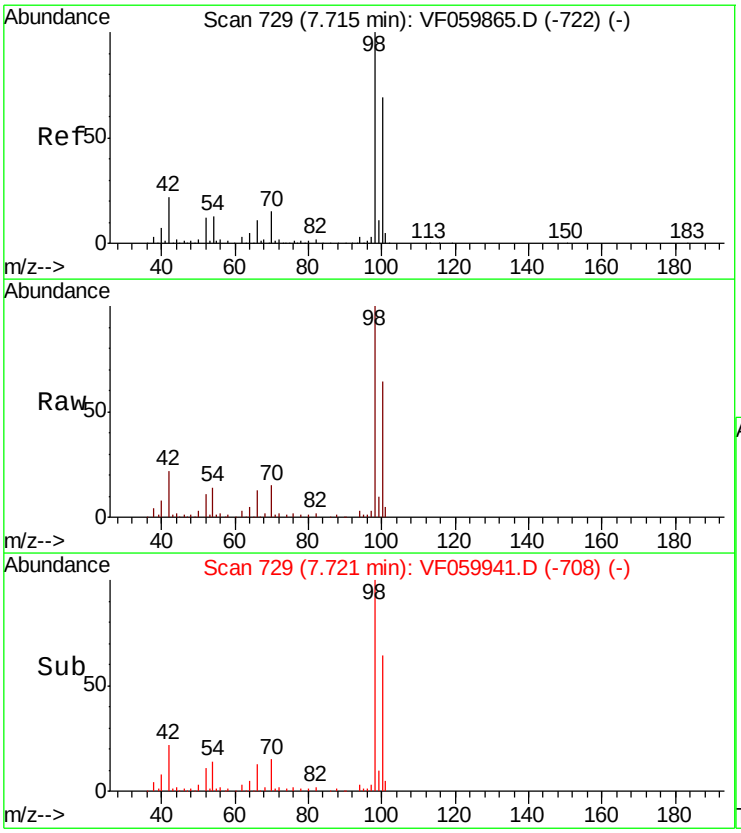
#40
Benzene
Concen: Below Cal
RT: 4.81 min Scan# 434
Delta R.T. -0.00 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Instrument : MSVOA_F
ClientSampleId : S-1A

Tgt Ion: 78 Resp: 273

Ion	Ratio	Lower	Upper
78	100		
77	0.0	20.7	31.1#

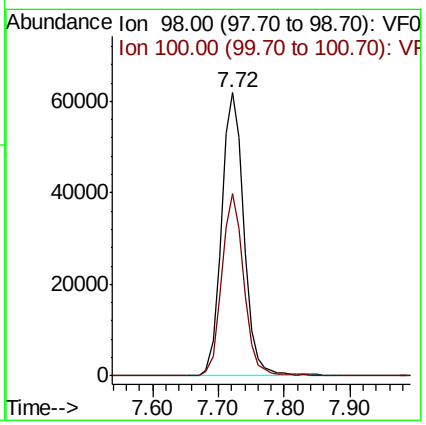


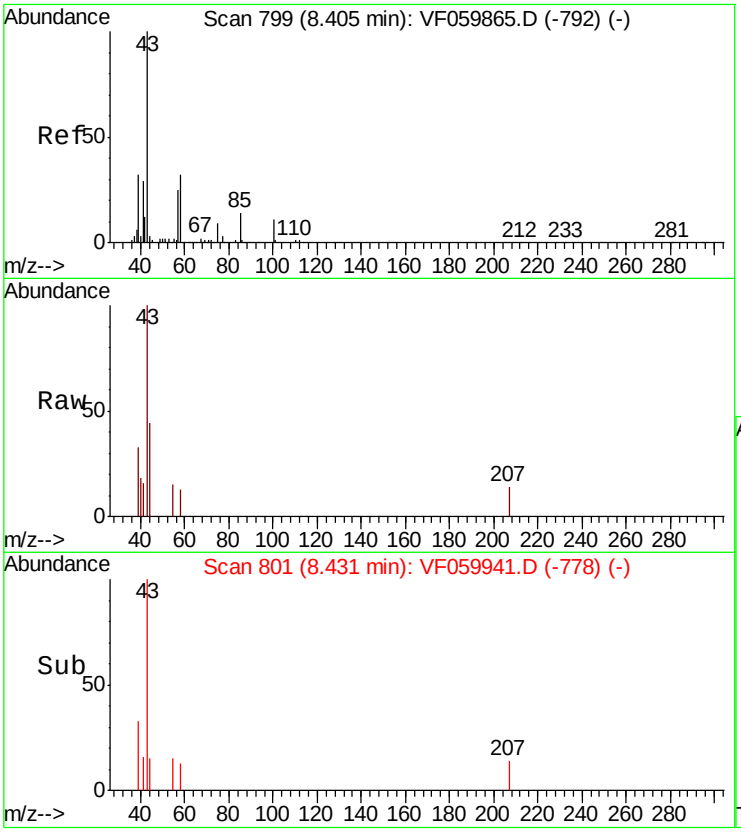


#50
Toluene-d8
Concen: 43.848 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Tgt Ion: 98 Resp: 147303

Ion	Ratio	Lower	Upper
98	100		
100	64.2	55.0	82.6



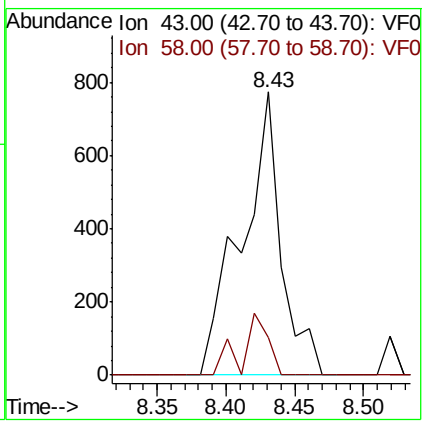


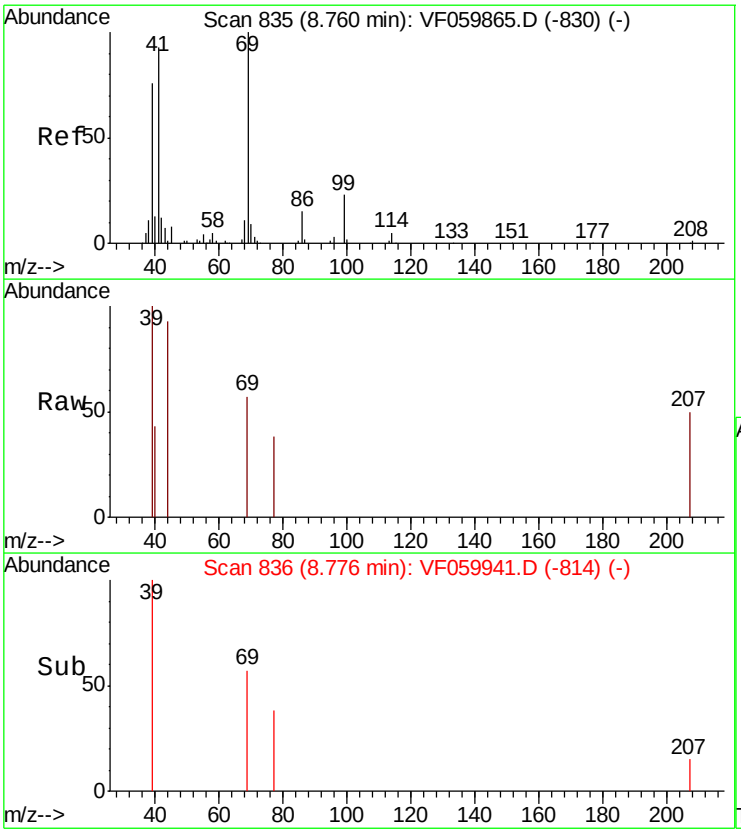
#51
4-Methyl-2-Pentanone
Concen: 1.858 ug/l
RT: 8.43 min Scan# 801
Delta R.T. 0.03 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Instrument : MSVOA_F
ClientSampleId : S-1A

Tgt Ion: 43 Resp: 1542

Ion	Ratio	Lower	Upper
43	100		
58	13.5	25.4	38.0#

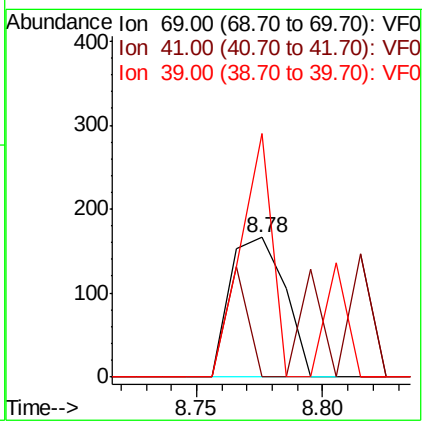


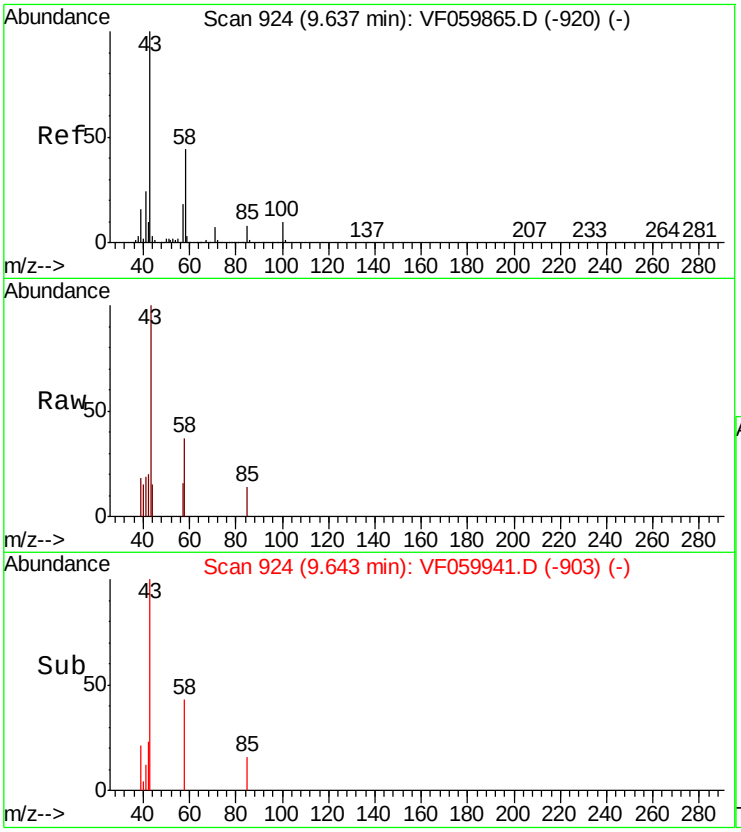


#56
Ethyl methacrylate
Concen: 3.613 ug/l
RT: 8.78 min Scan# 836
Delta R.T. 0.02 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Tgt Ion: 69 Resp: 251

Ion	Ratio	Lower	Upper
69	100		
41	0.0	74.7	112.1#
39	174.7	61.1	91.7#



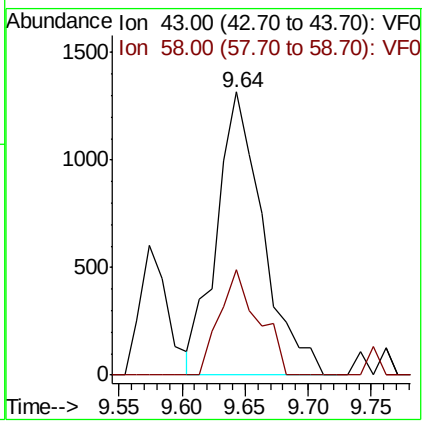


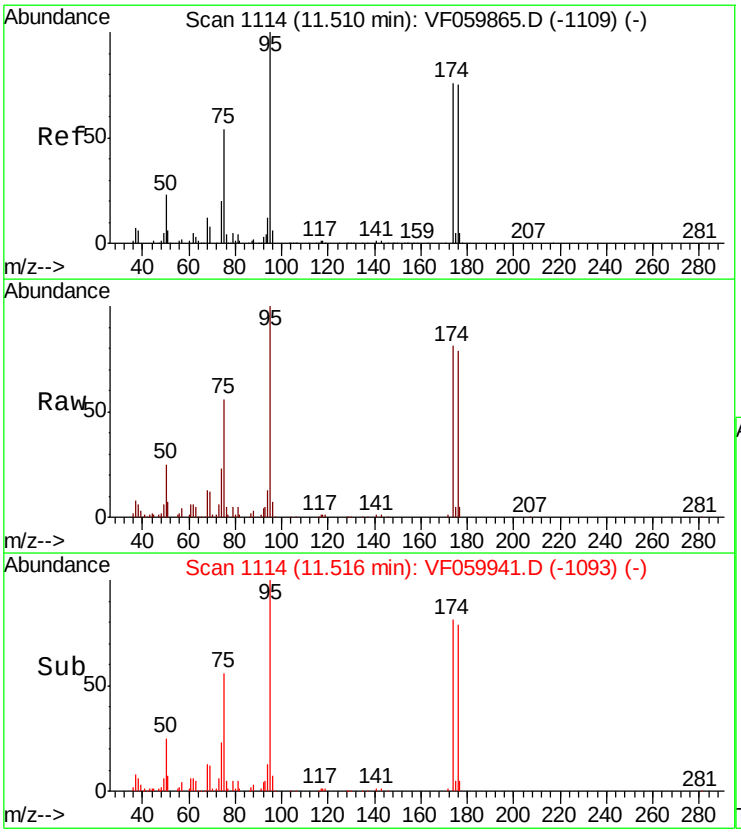
#59
2-Hexanone
Concen: 5.716 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.01 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Instrument :
MSVOA_F
ClientSampleId :
S-1A

Tgt Ion: 43 Resp: 3350

Ion	Ratio	Lower	Upper
43	100		
58	37.2	20.8	62.2

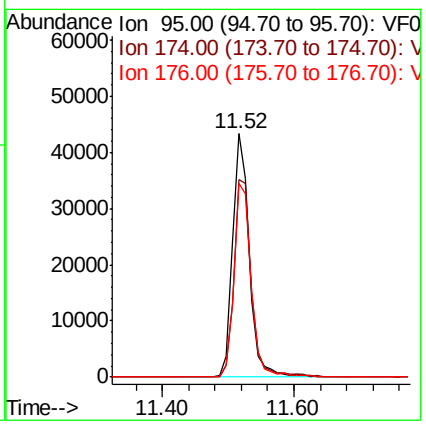


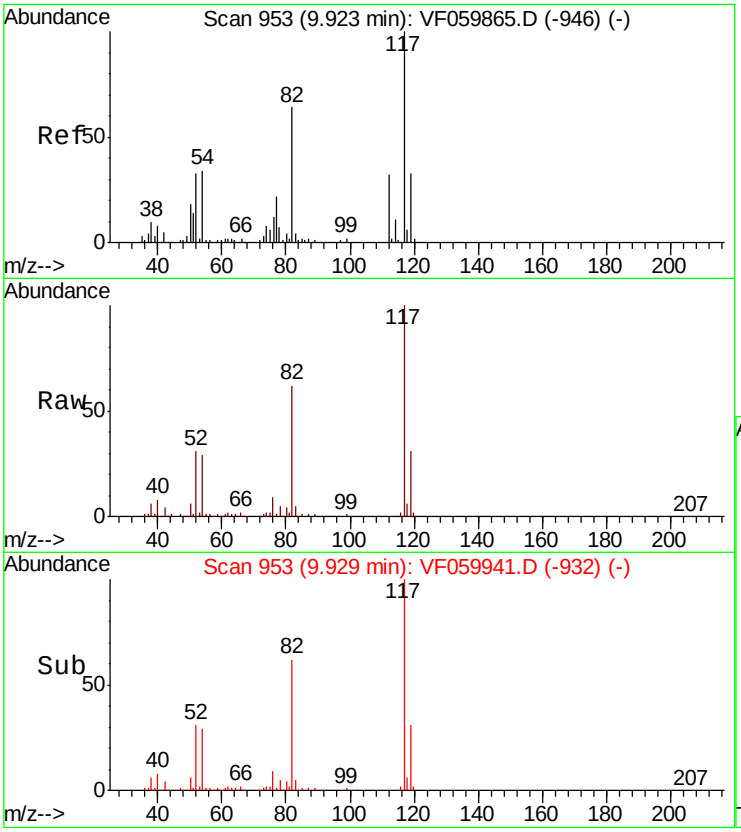


#62
4-Bromofluorobenzene
Concen: 40.976 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Tgt Ion: 95 Resp: 77353

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	151.6
176	79.3	0.0	149.8



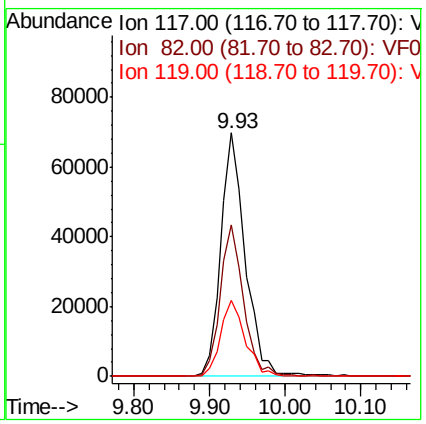


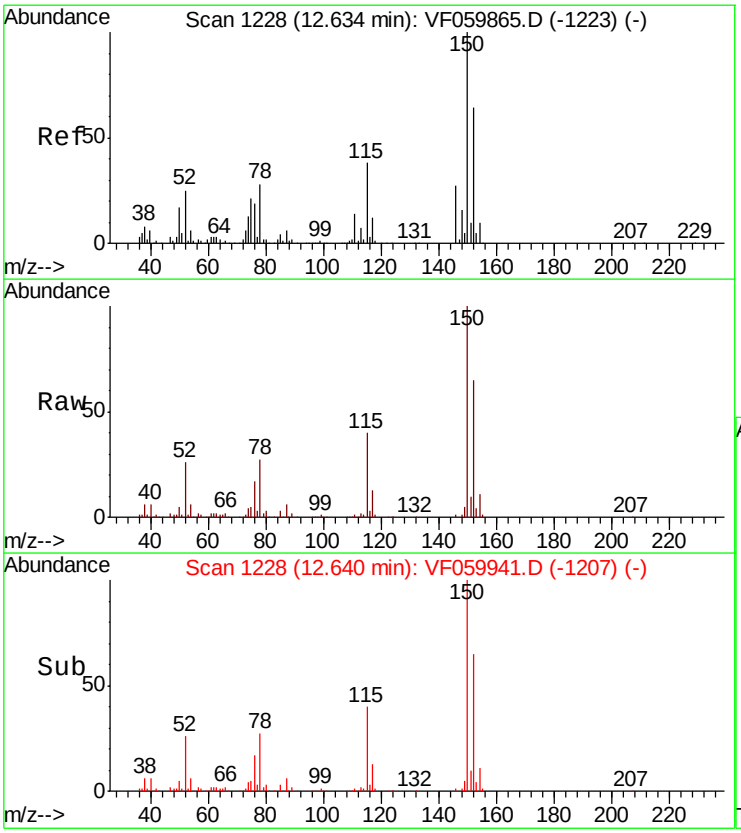
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Instrument : MSVOA_F
ClientSampleId : S-1A

Tgt Ion:117 Resp: 156547

Ion	Ratio	Lower	Upper
117	100		
82	62.4	51.3	76.9
119	31.1	26.4	39.6

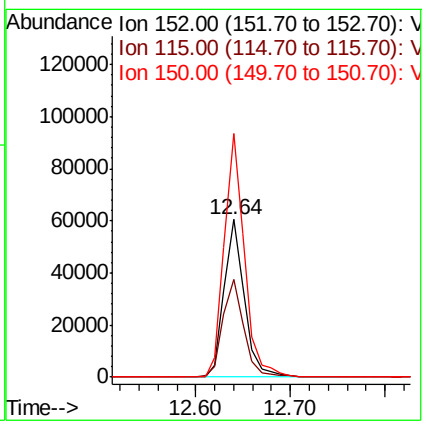


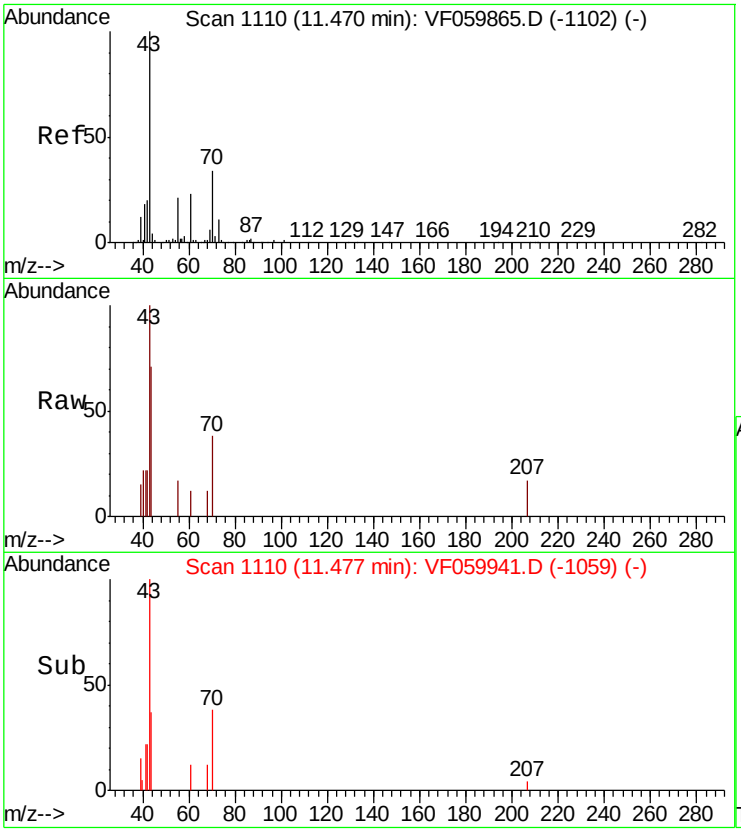


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Tgt Ion:152 Resp: 89706

Ion	Ratio	Lower	Upper
152	100		
115	62.2	29.8	89.4
150	154.8	0.0	315.6





#74
N-amyl acetate
Concen: 3.759 ug/l
RT: 11.48 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VF059941.D
Acq: 10 Aug 2018 13:37

Instrument :
MSVOA_F
ClientSampleId :
S-1A

Tgt Ion: 43 Resp: 1176

Ion	Ratio	Lower	Upper
43	100		
70	38.2	27.5	41.3
55	16.9	16.6	25.0
61	12.5	18.2	27.4#