Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081018\
Data File : VF059949.D
Acq On : 10 Aug 2018 17:20
Operator : VA/AP
Sample : J4395-02RE
Misc : 8.97g/5mL/MSVOA_F/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-BPM-01-E7-F7-E7A-F7A

Quant Time: Aug 10 23:04:56 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	5.05	168	105145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	148292	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	148730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	103738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	93075	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.20%			
35) Dibromofluoromethane	4.30	113	69069	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.62%			
50) Toluene-d8	7.72	98	129783	41.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.68%			
62) 4-Bromofluorobenzene	11.52	95	78860	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.40%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.70	59	132	1.726	ug/l #	1
13) Acrolein	2.10	56	151	3.295	ug/l	91
16) Acetone	2.33	43	1687	4.821	ug/l #	70
18) Methyl Acetate	2.49	43	1393	2.360	ug/l	94
20) Methylene Chloride	2.33	84	2273	Below Cal		89
39) Methylcyclohexane	5.78	83	2880	2.239	ug/l #	48
40) Benzene	4.81	78	577	Below Cal #		60
58) 2-Chloroethyl Vinyl ether	7.80	63	392	3.799	ug/l	100
74) N-amyl acetate	11.47	43	89	3.011	ug/l #	48

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

Quantitation Report (Not Reviewed)

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Misc : 8.97g/5mL/MSVOA_F/SOIL
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ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

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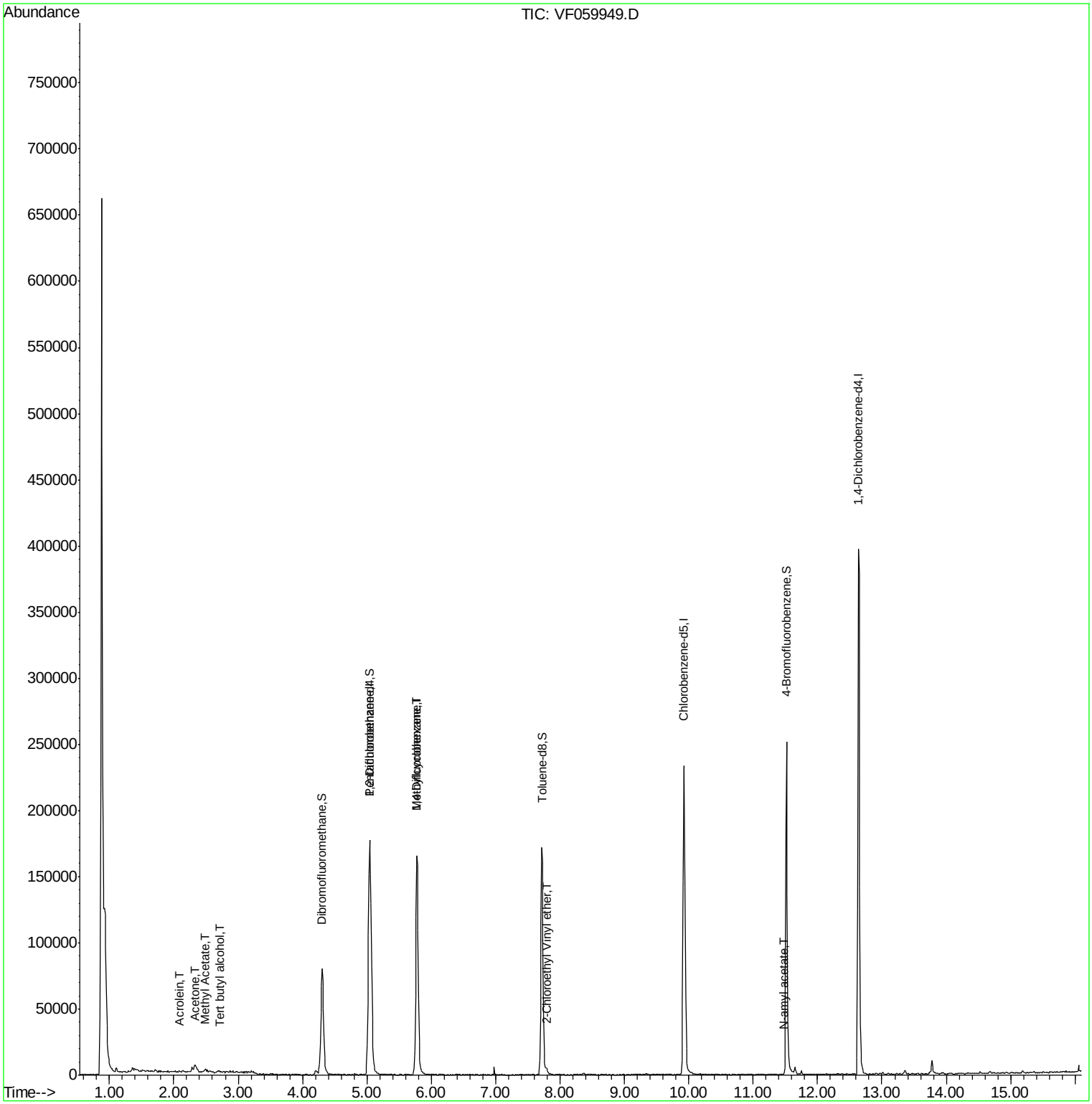
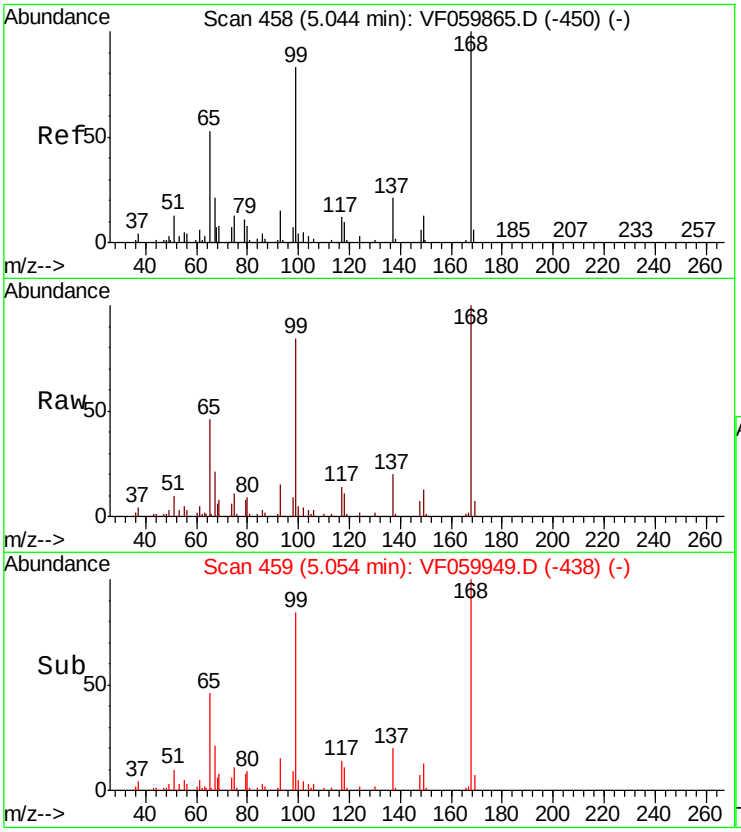


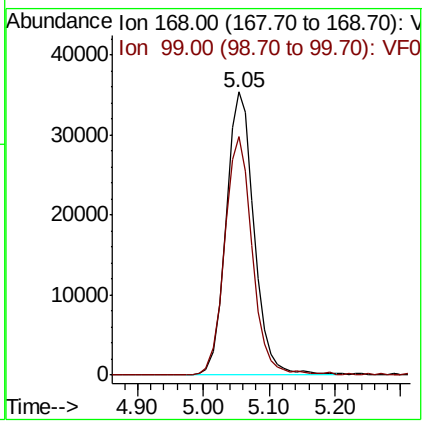


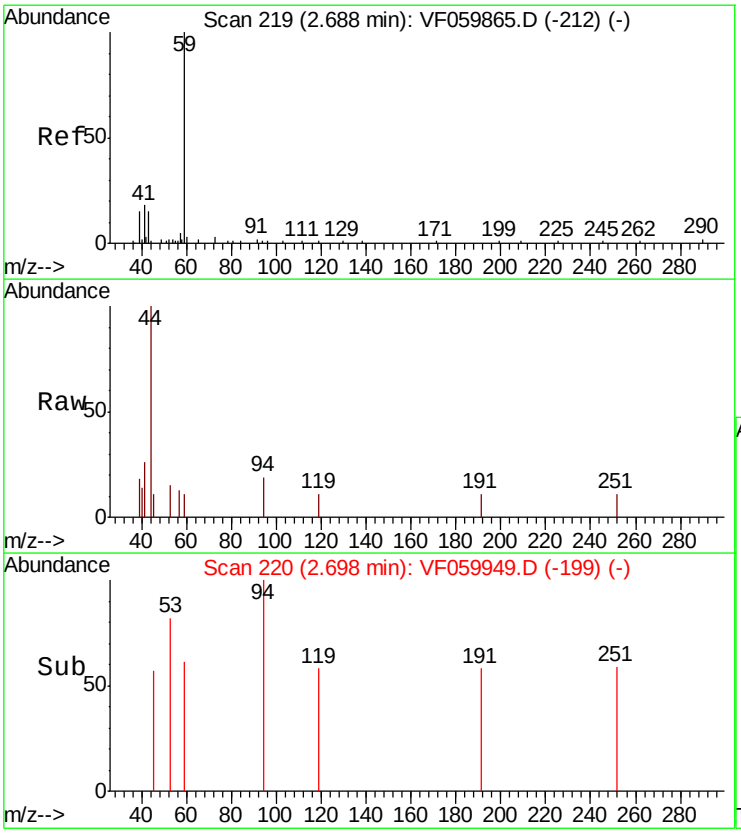
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.01 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

Tgt Ion:168 Resp: 105145

Ion	Ratio	Lower	Upper
168	100		
99	84.4	66.3	99.5

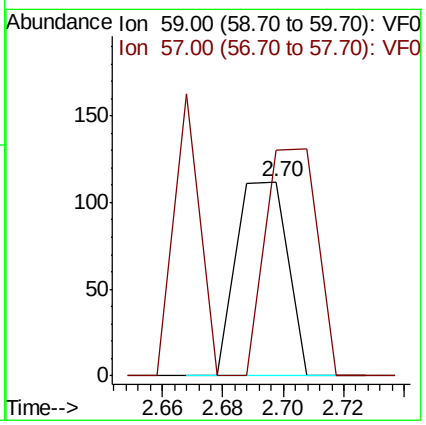


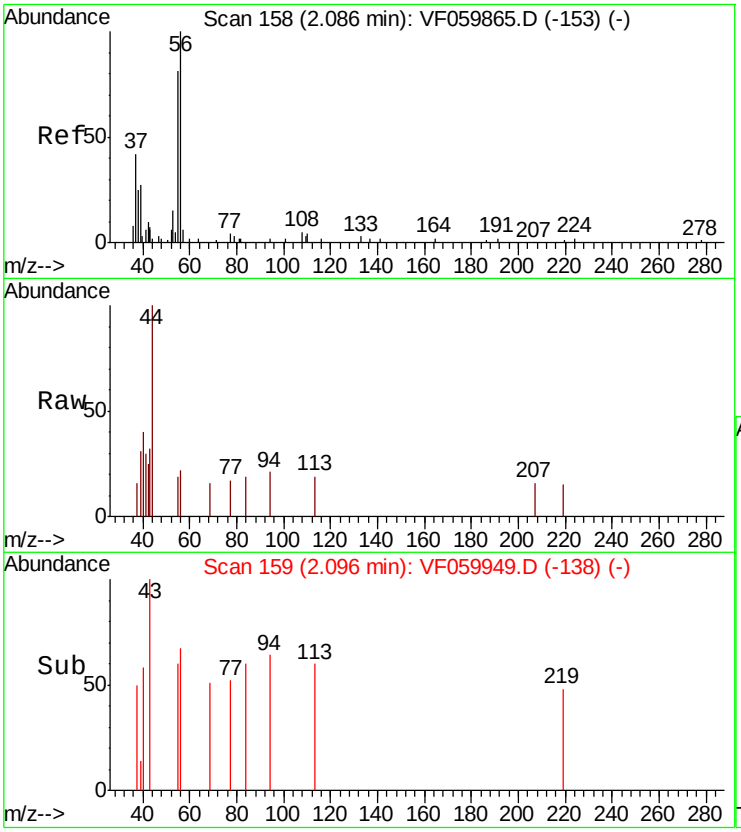


#11
Tert butyl alcohol
Concen: 1.726 ug/l
RT: 2.70 min Scan# 220
Delta R.T. 0.01 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Tgt Ion: 59 Resp: 132

Ion	Ratio	Lower	Upper
59	100		
57	116.1	7.6	11.4#



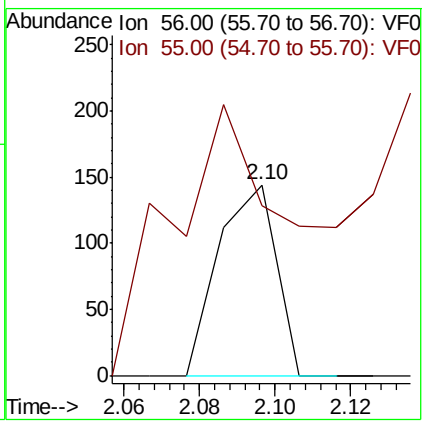


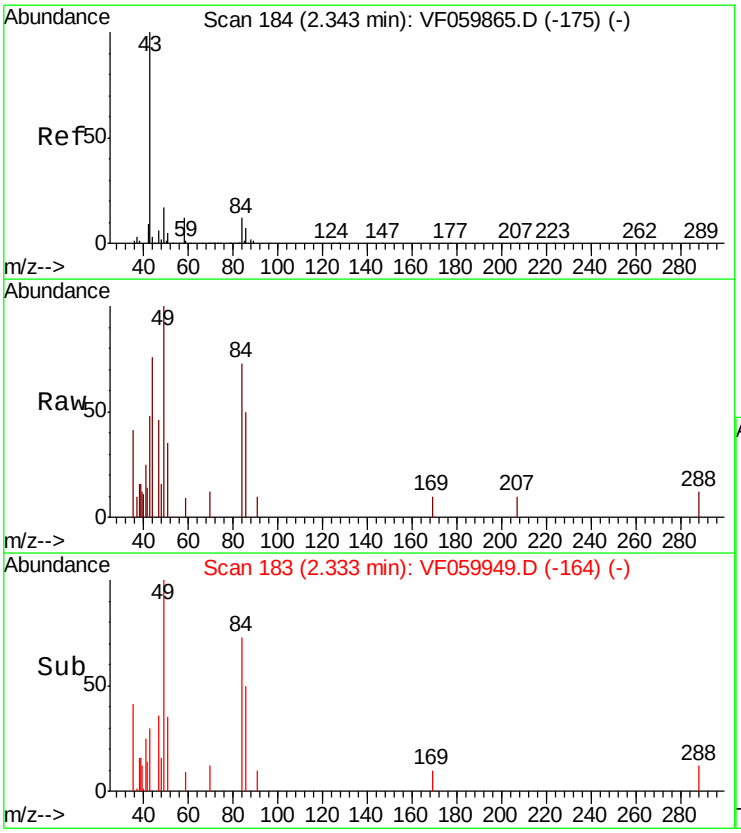
#13
Acrolein
Concen: 3.295 ug/l
RT: 2.10 min Scan# 159
Delta R.T. 0.01 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

Tgt Ion: 56 Resp: 151

Ion	Ratio	Lower	Upper
56	100		
55	88.9	64.6	96.8

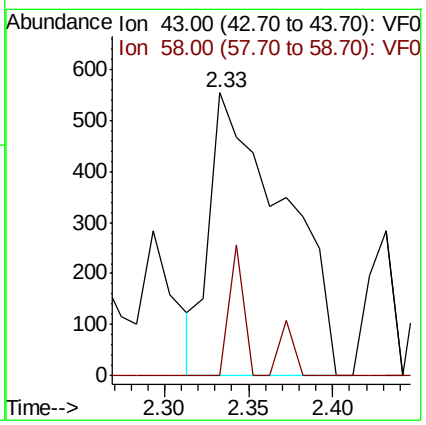


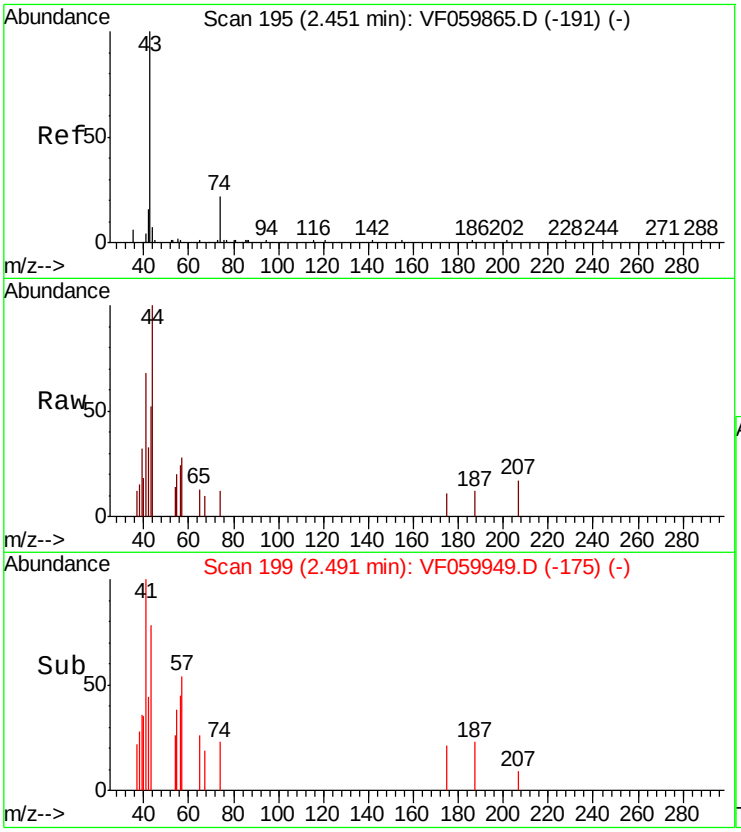


#16
Acetone
Concen: 4.821 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Tgt Ion: 43 Resp: 1687

Ion	Ratio	Lower	Upper
43	100		
58	0.0	9.4	14.0#



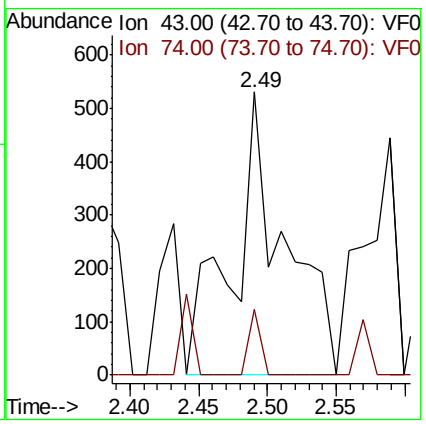


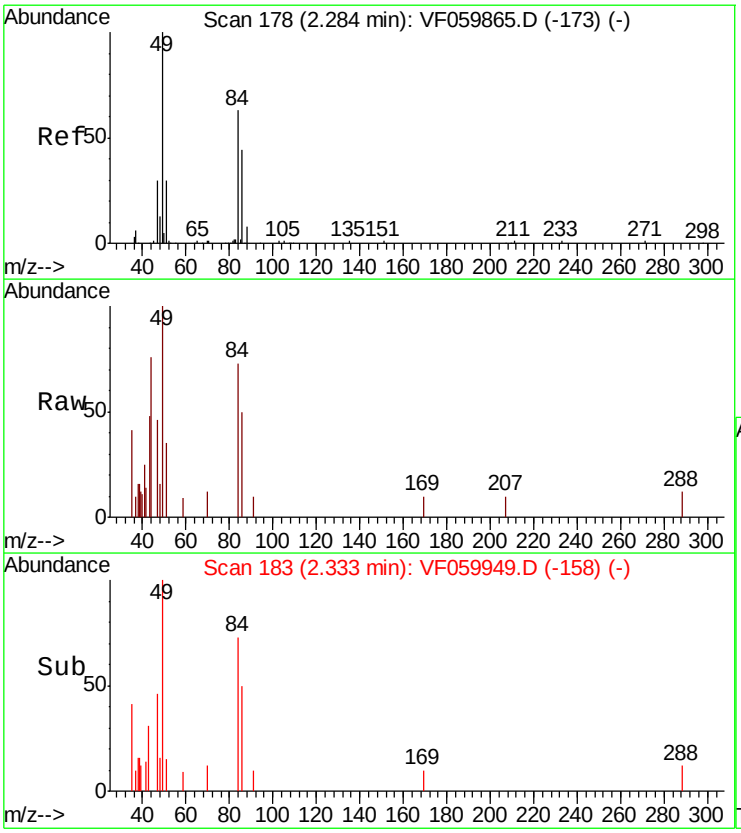
#18
Methyl Acetate
Concen: 2.360 ug/l
RT: 2.49 min Scan# 199
Delta R.T. 0.04 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

Tgt Ion: 43 Resp: 1393

Ion	Ratio	Lower	Upper
43	100		
74	23.4	16.3	24.5

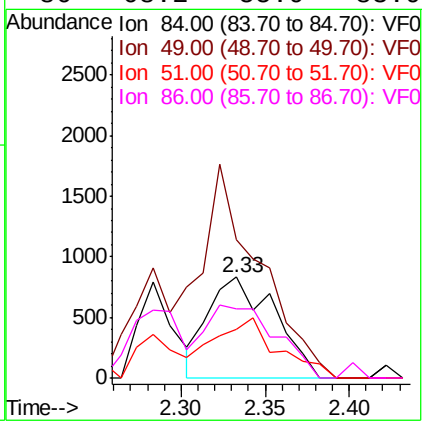


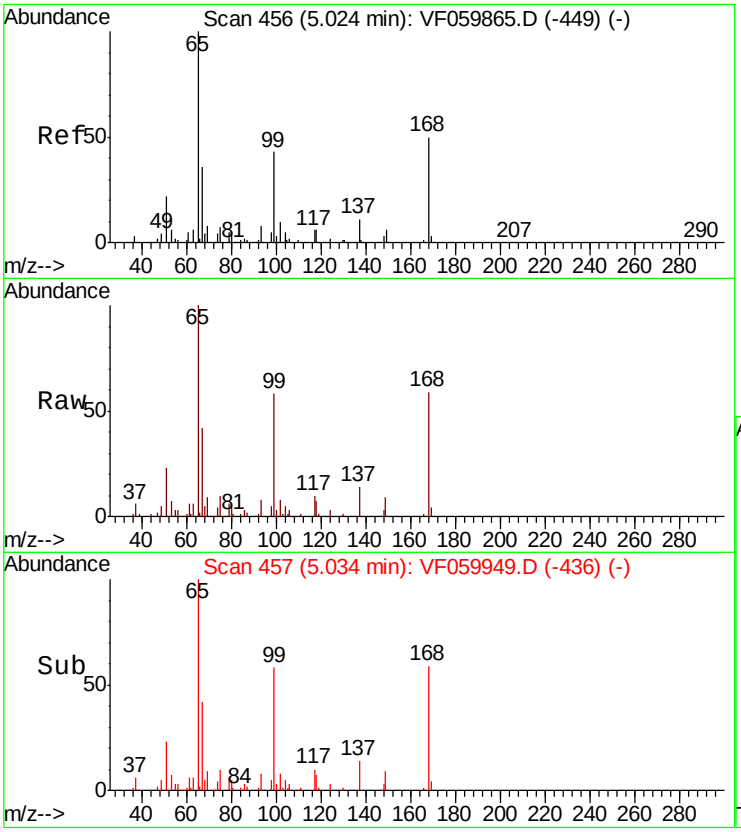


#20
Methylene Chloride
Concen: Below Cal
RT: 2.33 min Scan# 183
Delta R.T. 0.05 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Tgt Ion: 84 Resp: 2273

Ion	Ratio	Lower	Upper
84	100		
49	137.8	128.7	193.1
51	48.3	39.3	58.9
86	68.2	55.9	83.9



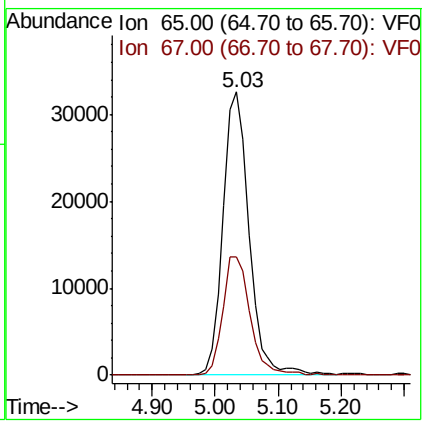


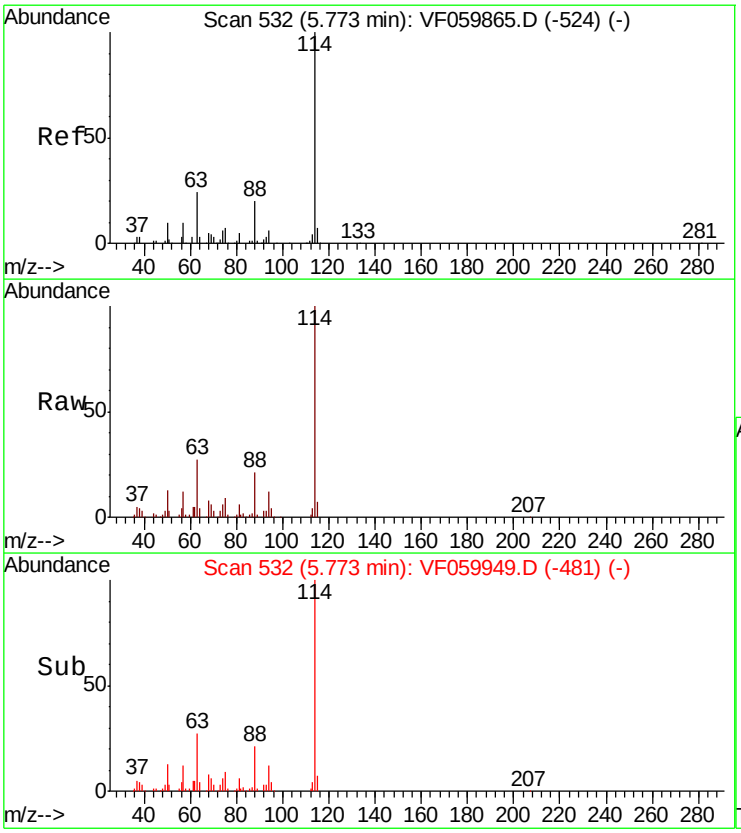
#33
1,2-Dichloroethane-d4
Concen: 49.101 ug/l
RT: 5.03 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

Tgt Ion: 65 Resp: 93075

Ion	Ratio	Lower	Upper
65	100		
67	41.9	0.0	77.2

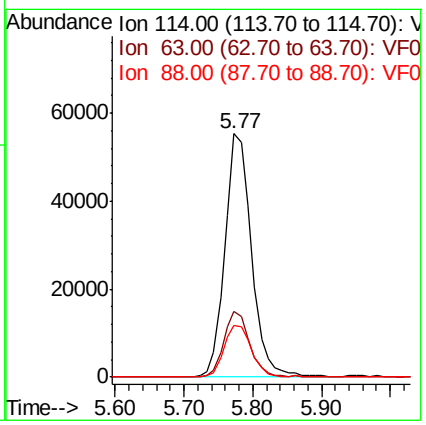


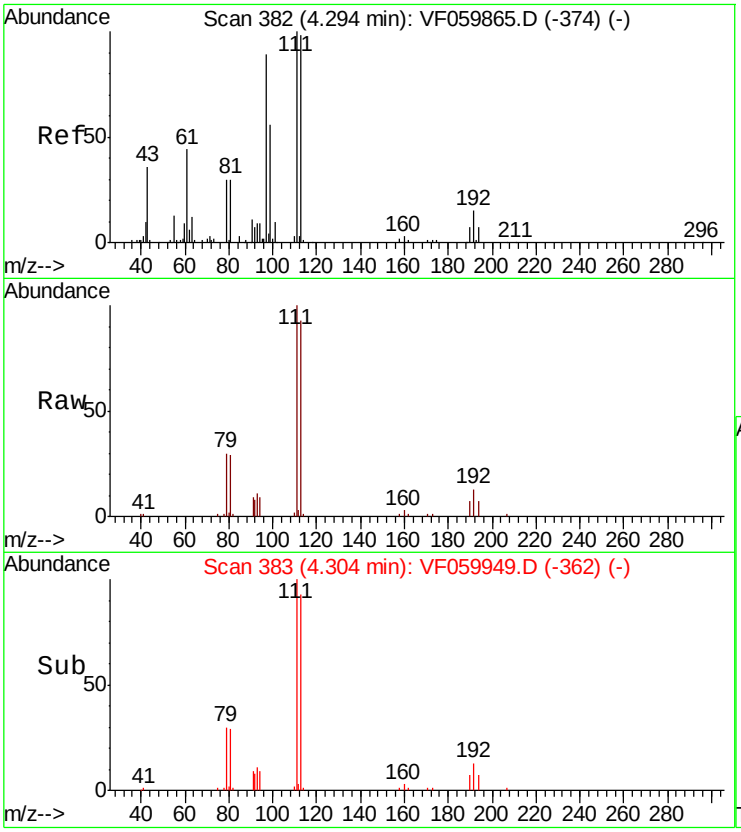


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Tgt Ion:114 Resp: 148292

Ion	Ratio	Lower	Upper
114	100		
63	27.0	0.0	48.0
88	21.0	0.0	39.4



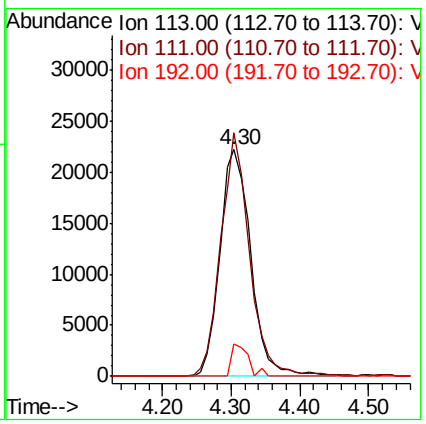


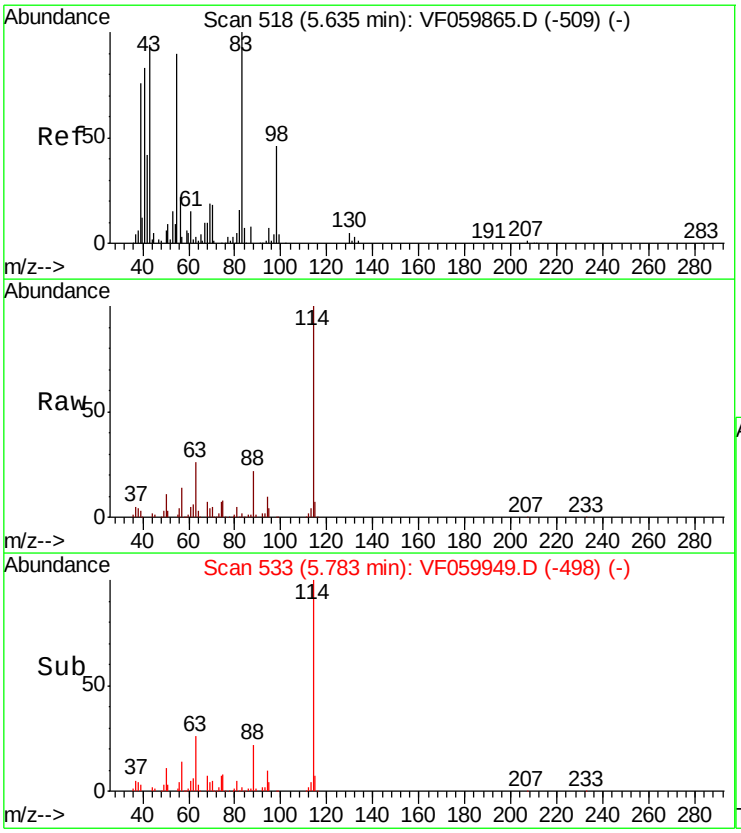
#35
Dibromofluoromethane
Concen: 46.813 ug/l
RT: 4.30 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

Tgt Ion:113 Resp: 69069

Ion	Ratio	Lower	Upper
113	100		
111	107.6	81.8	122.8
192	14.1	12.4	18.6

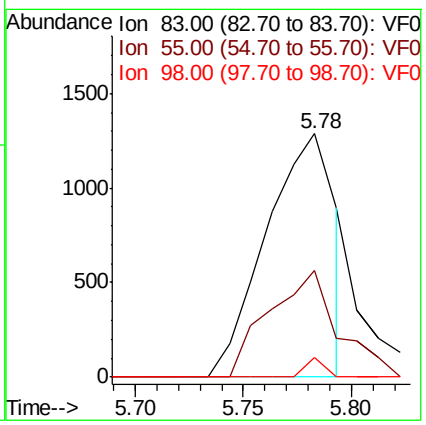


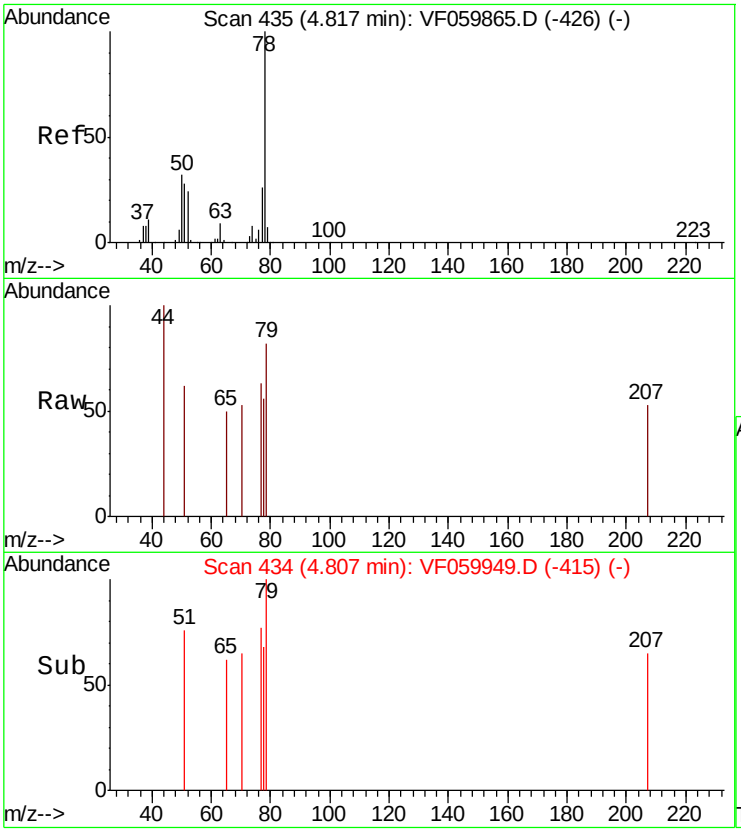


#39
Methylcyclohexane
Concen: 2.239 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.15 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Tgt Ion: 83 Resp: 2880

Ion	Ratio	Lower	Upper
83	100		
55	43.7	72.0	108.0#
98	8.0	36.6	54.8#



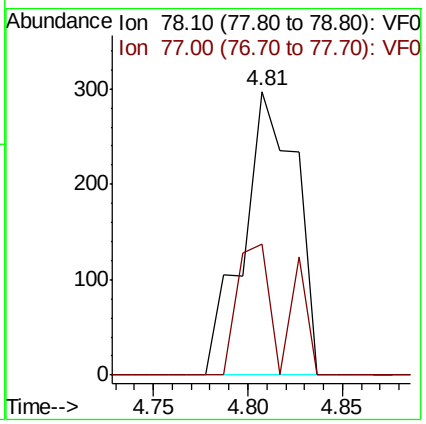


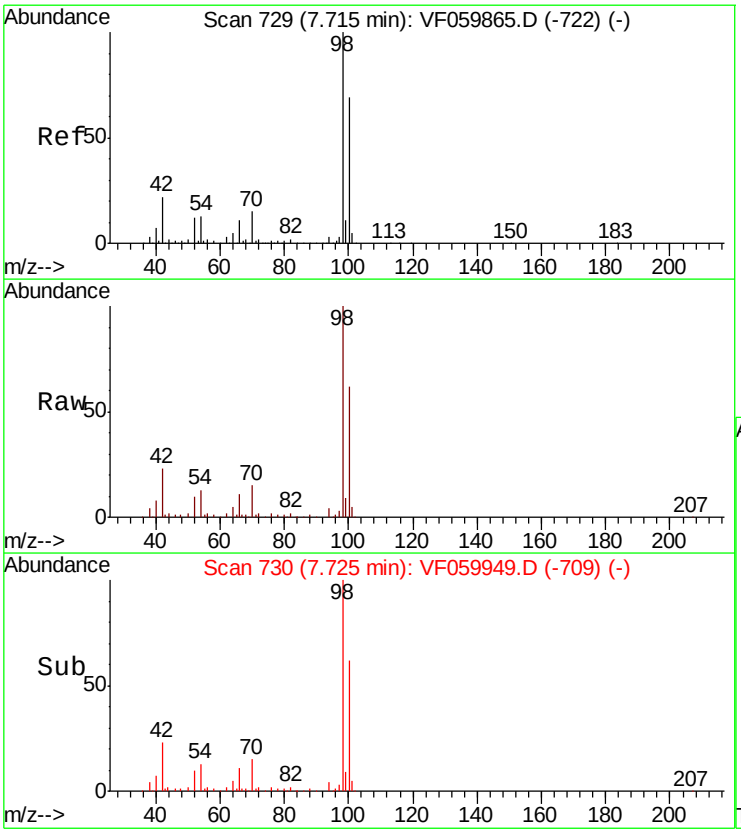
#40
Benzene
Concen: Below Cal
RT: 4.81 min Scan# 434
Delta R.T. -0.01 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

Tgt Ion: 78 Resp: 577

Ion	Ratio	Lower	Upper
78	100		
77	46.1	20.7	31.1#

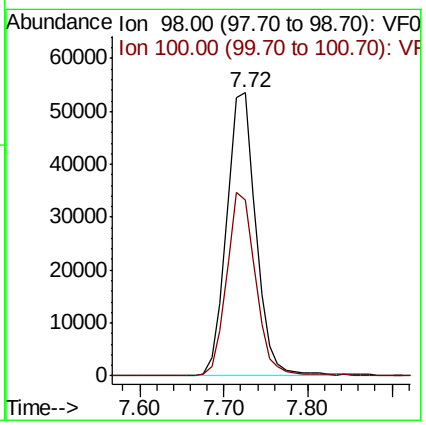


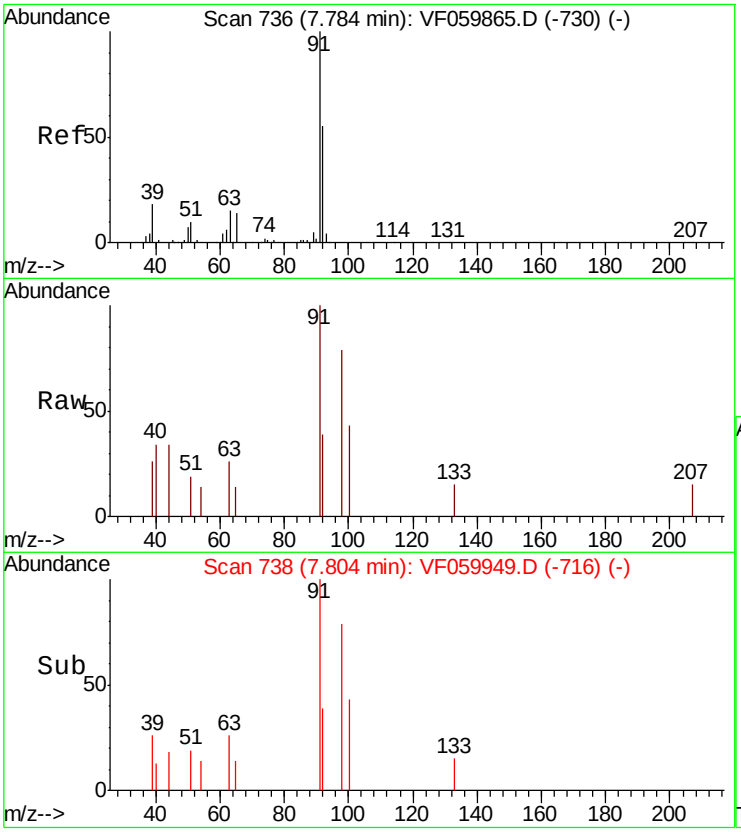


#50
Toluene-d8
Concen: 41.341 ug/l
RT: 7.72 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Tgt Ion: 98 Resp: 129783

Ion	Ratio	Lower	Upper
98	100		
100	62.3	55.0	82.6



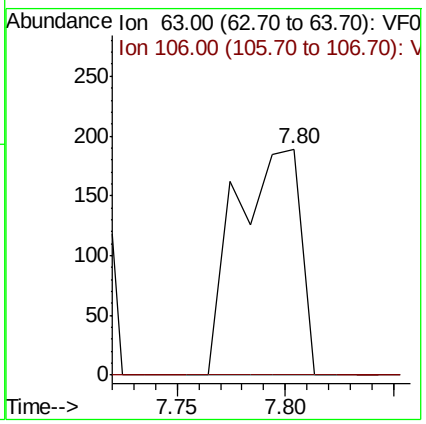


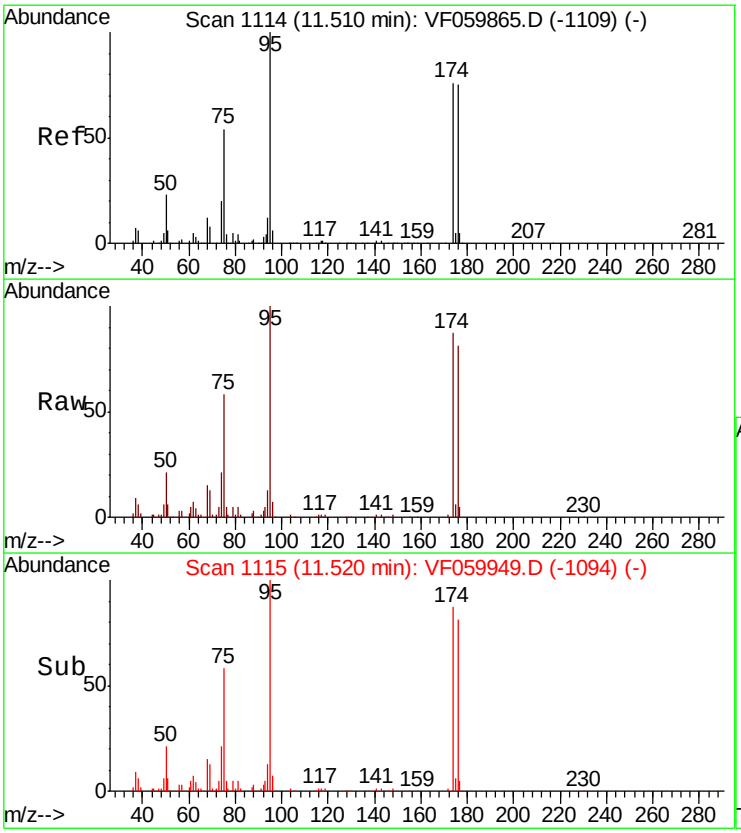
#58
2-Chloroethyl Vinyl ether
Concen: 3.799 ug/l
RT: 7.80 min Scan# 738
Delta R.T. 0.02 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

Tgt Ion: 63 Resp: 392

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

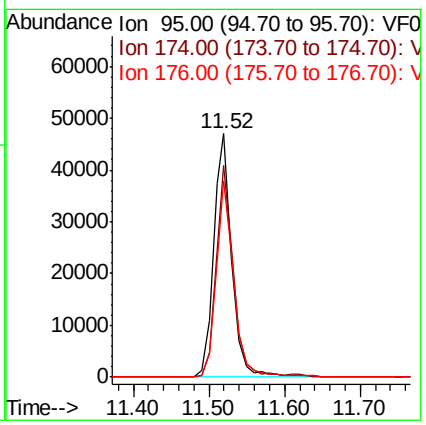


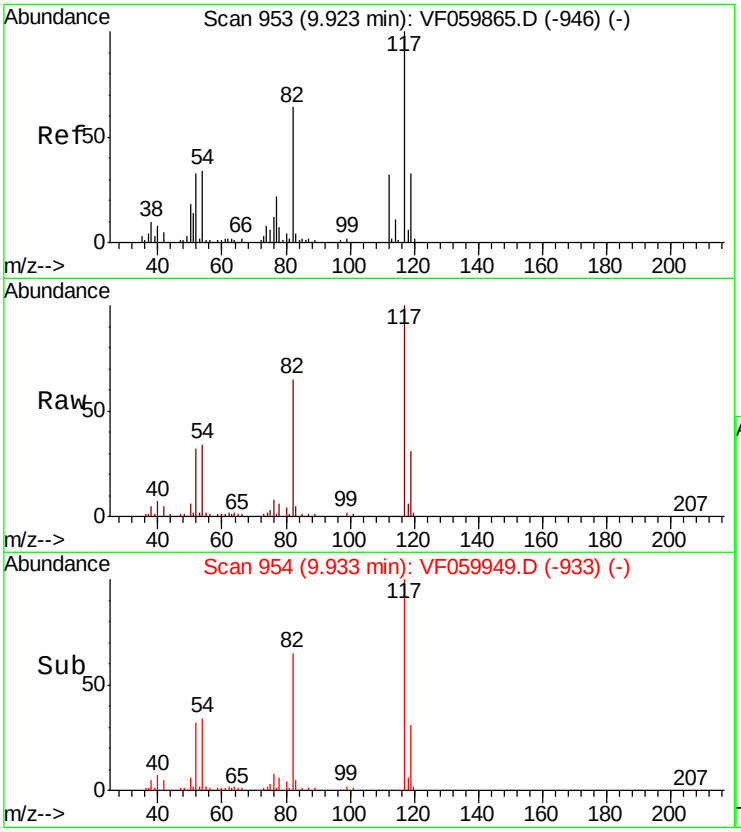


#62
4-Bromofluorobenzene
Concen: 44.704 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Tgt Ion: 95 Resp: 78860

Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	151.6
176	80.8	0.0	149.8



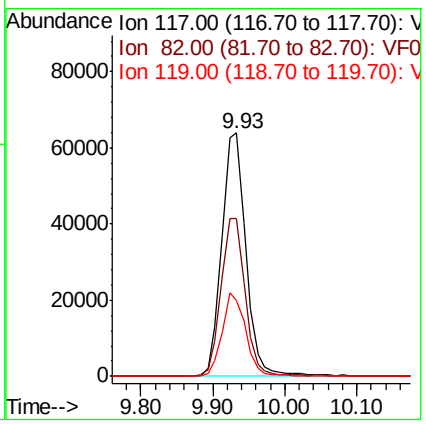


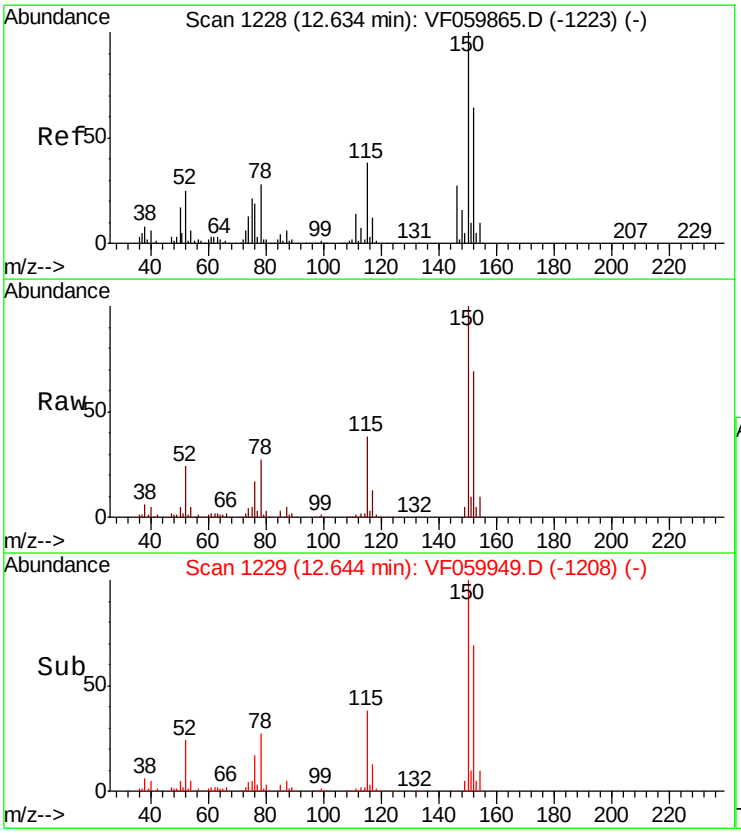
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.01 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

Tgt Ion:117 Resp: 148730

Ion	Ratio	Lower	Upper
117	100		
82	64.9	51.3	76.9
119	31.2	26.4	39.6

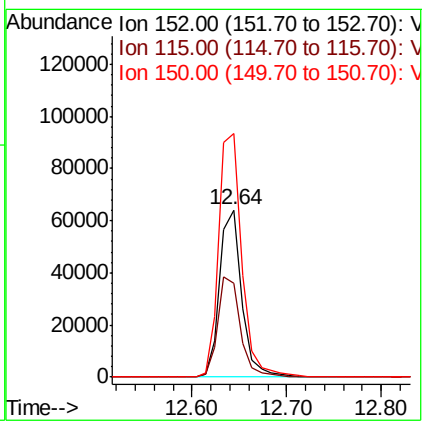


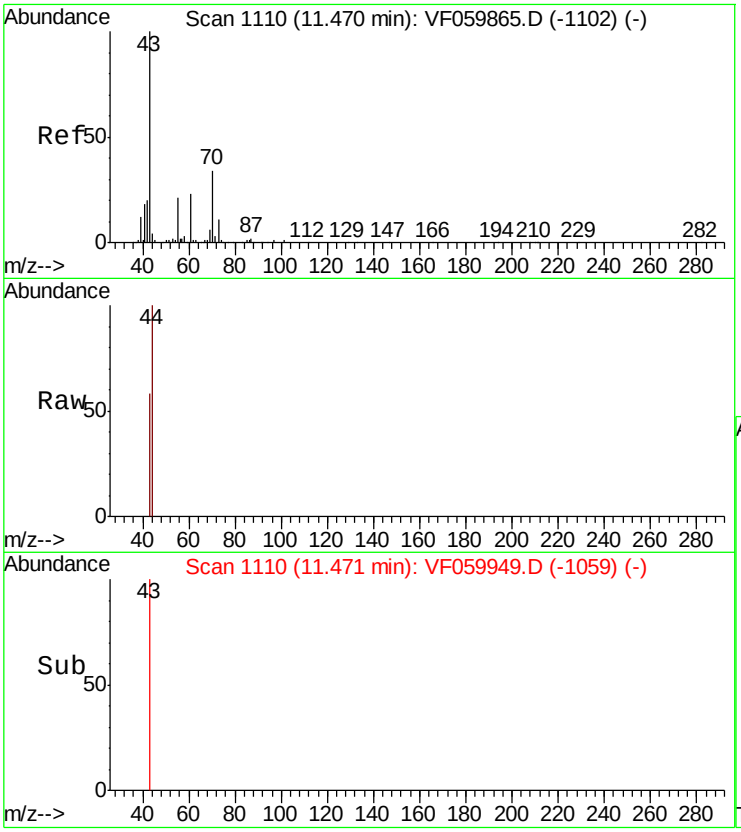


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Tgt Ion:152 Resp: 103738

Ion	Ratio	Lower	Upper
152	100		
115	55.9	29.8	89.4
150	145.8	0.0	315.6





#74
N-amyl acetate
Concen: 3.011 ug/l
RT: 11.47 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

Tgt Ion: 43 Resp: 89

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