Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082418\
Data File : VF060099.D
Acq On : 24 Aug 2018 14:52
Operator : VA/AP
Sample : J4581-02RE
Misc : 5.74g/5mL/MSVOA_F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-A2

Quant Time: Aug 25 03:45:26 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	5.04	168	182720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	276066	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	311403	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	183074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	120276	48.10	ug/l	-0.02
Spiked Amount 50.000			Recovery = 96.20%			
35) Dibromofluoromethane	4.28	113	113697	52.45	ug/l	-0.02
Spiked Amount 50.000			Recovery = 104.90%			
50) Toluene-d8	7.71	98	284169	46.16	ug/l	-0.02
Spiked Amount 50.000			Recovery = 92.32%			
62) 4-Bromofluorobenzene	11.51	95	157690	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.84%			
Target Compounds						Qvalue
3) Chloromethane	1.08	50	1165	Below Cal	#	62
5) Bromomethane	1.33	94	1521	1.34	ug/l #	44
13) Acrolein	1.95	56	76	27.16	ug/l	91
16) Acetone	2.34	43	1577	2.40	ug/l #	63
18) Methyl Acetate	2.46	43	1098	Below Cal	#	60
20) Methylene Chloride	2.28	84	5549	Below Cal	#	84
29) Tetrahydrofuran	4.26	42	623	1.93	ug/l #	71
39) Methylcyclohexane	5.76	83	4591	1.89	ug/l #	35
51) 4-Methyl-2-Pentanone	8.41	43	3091	1.83	ug/l #	81
52) Toluene	7.78	92	535	Below Cal		87
59) 2-Hexanone	9.62	43	5560	4.07	ug/l	80
64) Tetrachloroethene	8.31	164	5185	2.47	ug/l #	86
68) m/p-Xylenes	10.28	106	1124	Below Cal	#	6
95) Naphthalene	14.53	128	1653	2.52	ug/l	97

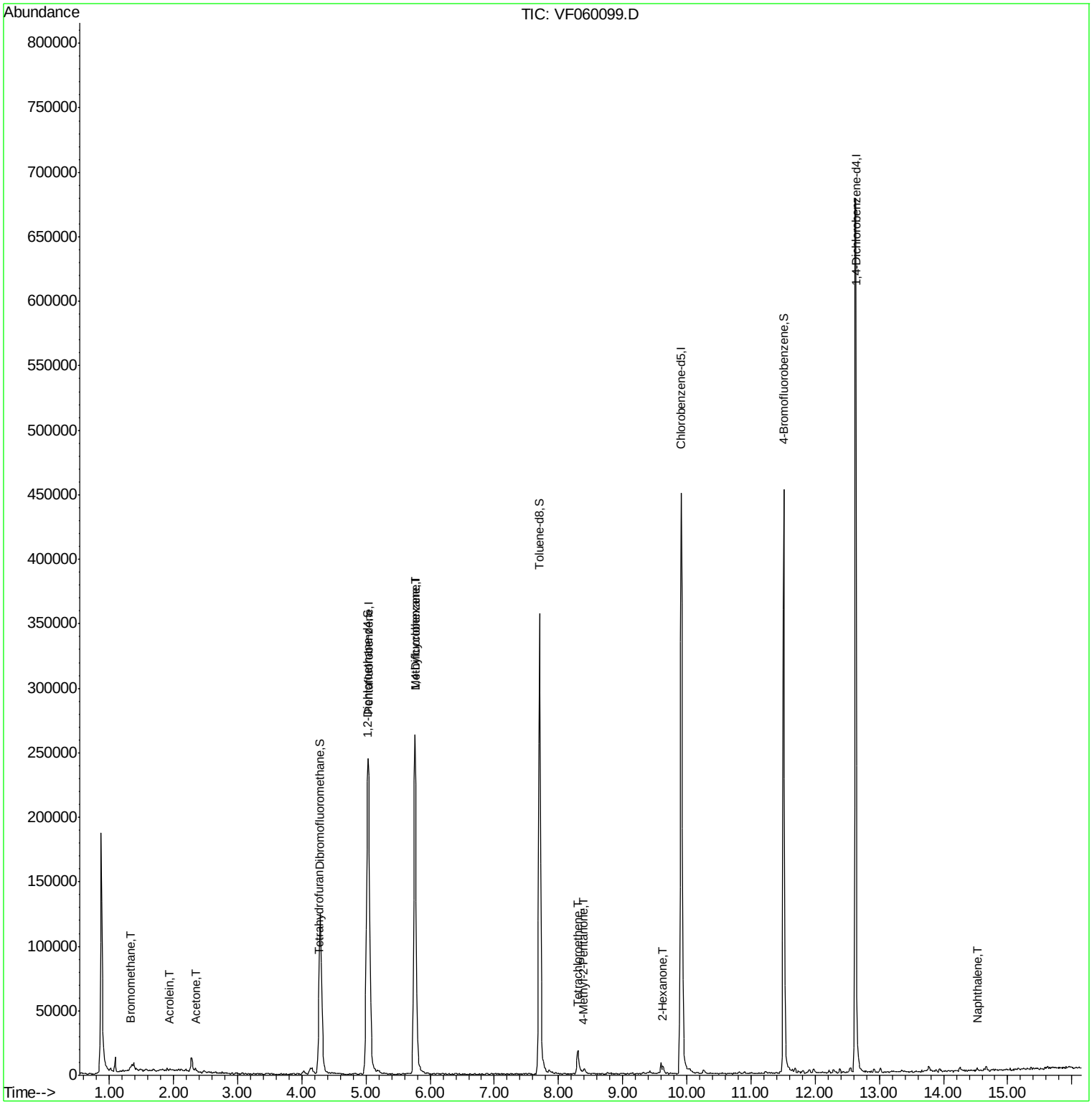
(#) = qualifier out of range (m) = manual integration (+) = signals summed

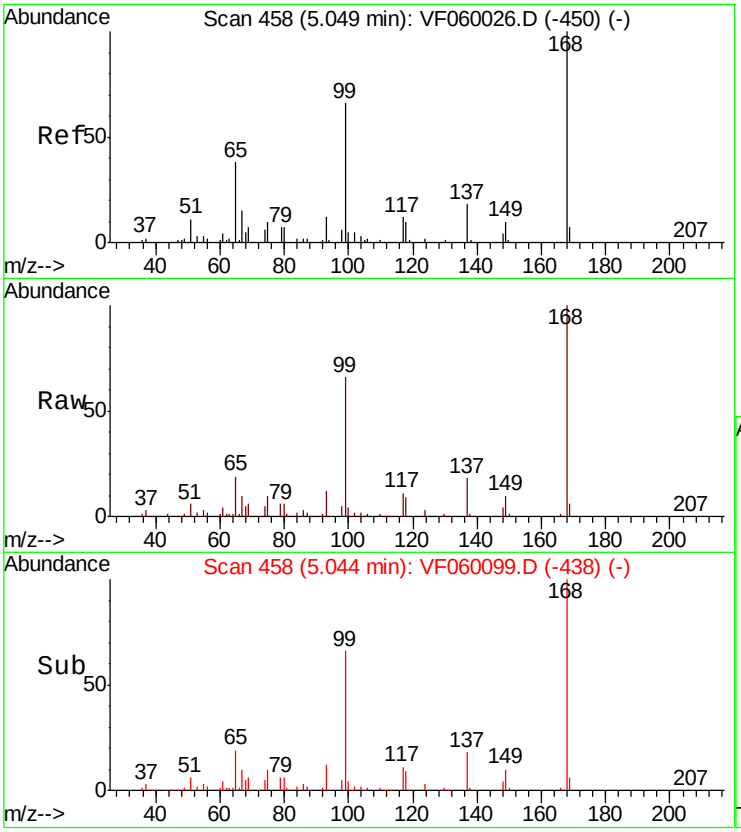
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082418\
Data File : VF060099.D
Acq On : 24 Aug 2018 14:52
Operator : VA/AP
Sample : J4581-02RE
Misc : 5.74g/5mL/MSVOA_F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A2

Quant Time: Aug 25 03:45:26 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



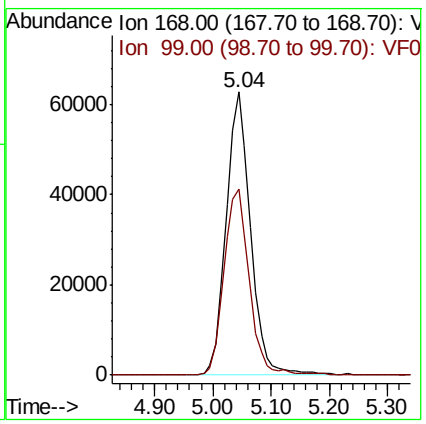


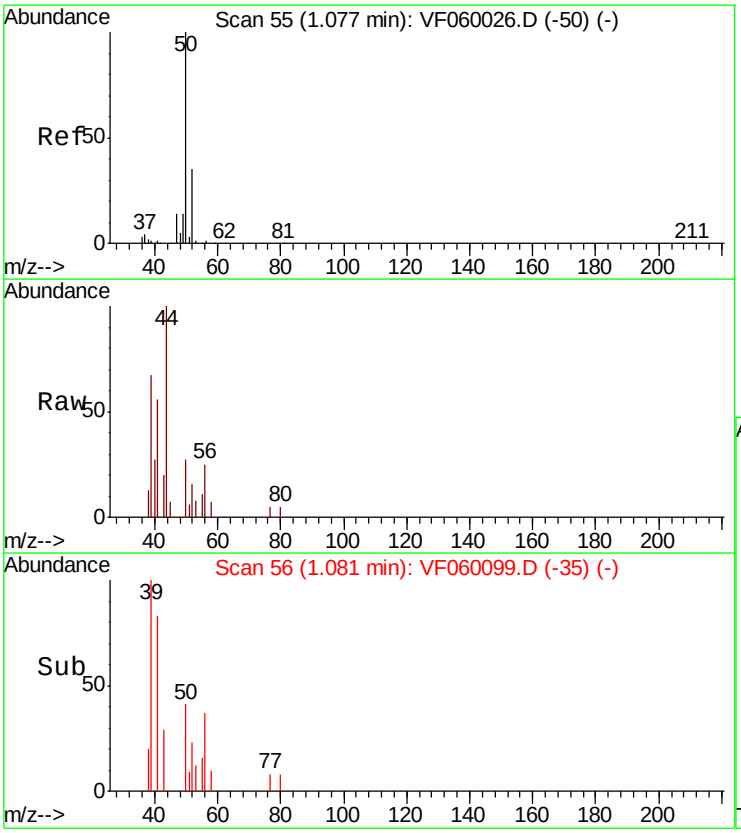
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 458
Delta R.T. -0.01 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A2

Tgt Ion:168 Resp: 182720

Ion	Ratio	Lower	Upper
168	100		
99	65.8	52.6	79.0

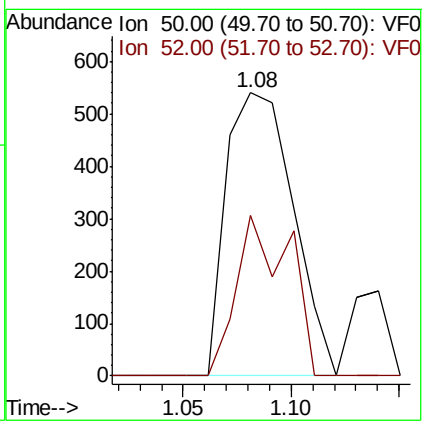


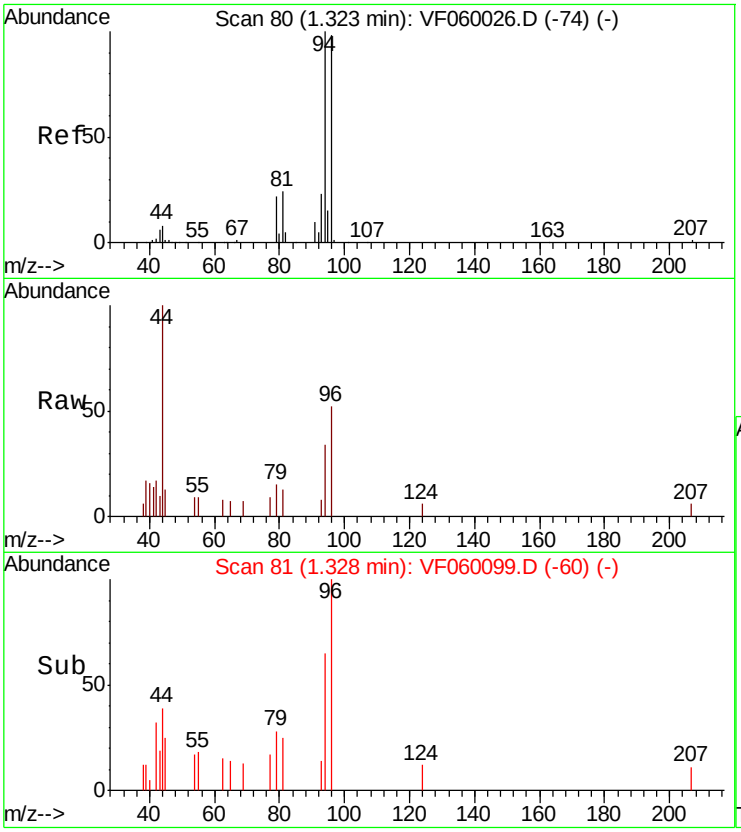


#3
Chloromethane
Concen: Below Cal
RT: 1.08 min Scan# 56
Delta R.T. 0.01 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Tgt Ion: 50 Resp: 1165

Ion	Ratio	Lower	Upper
50	100		
52	56.7	27.6	41.4#



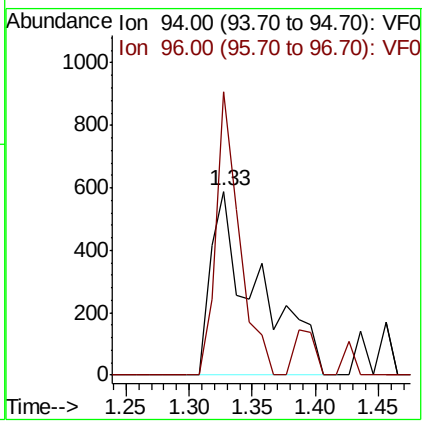


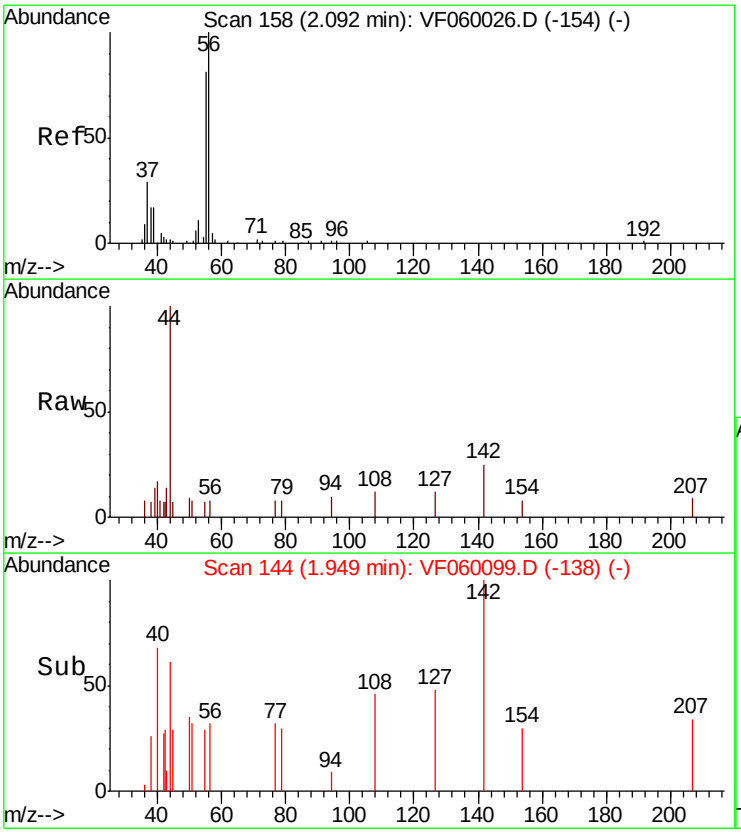
#5
Bromomethane
Concen: 1.34 ug/l
RT: 1.33 min Scan# 81
Delta R.T. 0.00 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A2

Tgt Ion: 94 Resp: 1521

Ion	Ratio	Lower	Upper
94	100		
96	153.7	78.6	118.0#

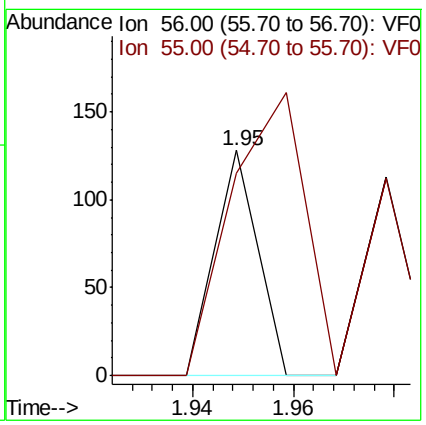


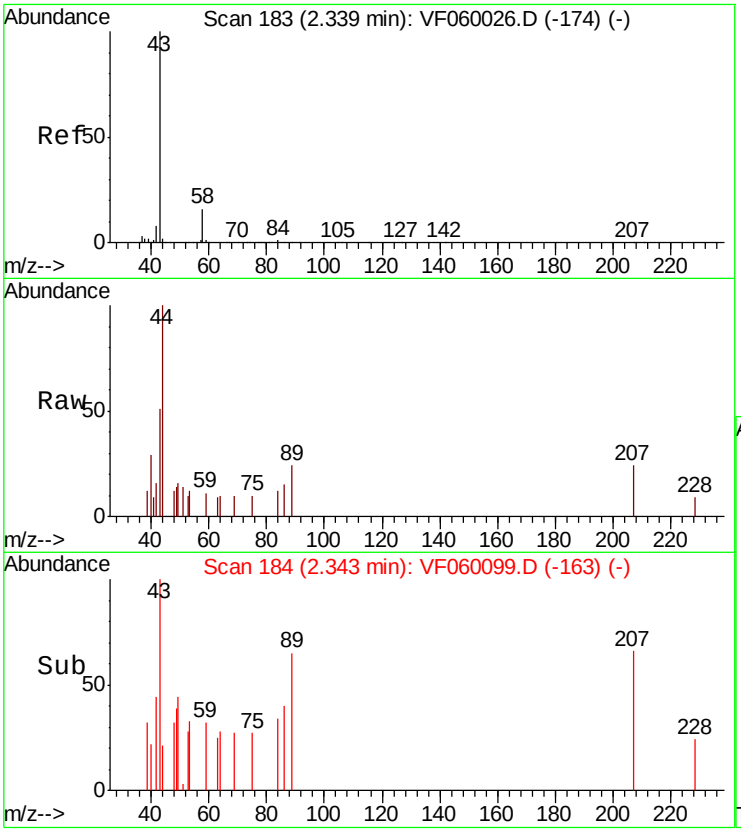


#13
Acrolein
Concen: 27.16 ug/l
RT: 1.95 min Scan# 144
Delta R.T. -0.14 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Tgt Ion: 56 Resp: 76

Ion	Ratio	Lower	Upper
56	100		
55	89.8	65.6	98.4



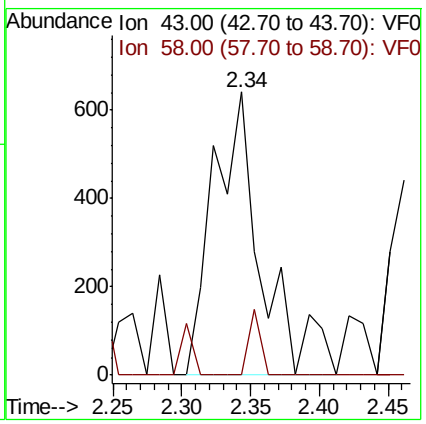


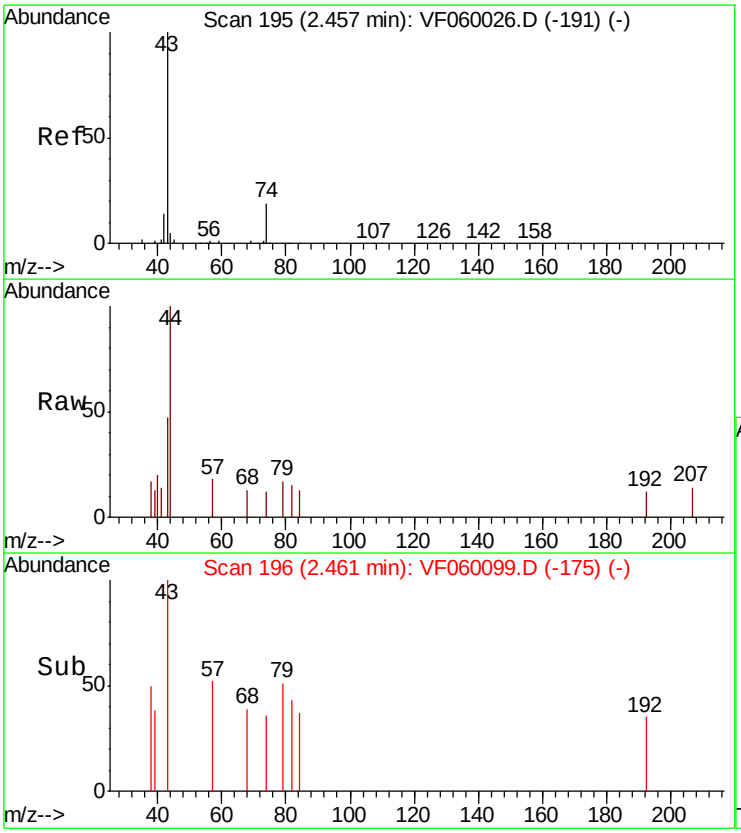
#16
Acetone
Concen: 2.40 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.00 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-A2

Tgt Ion: 43 Resp: 1577

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.6	19.0#

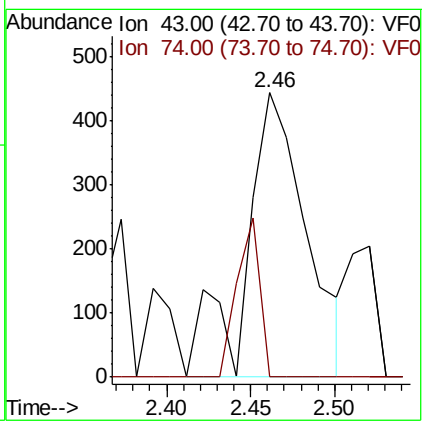


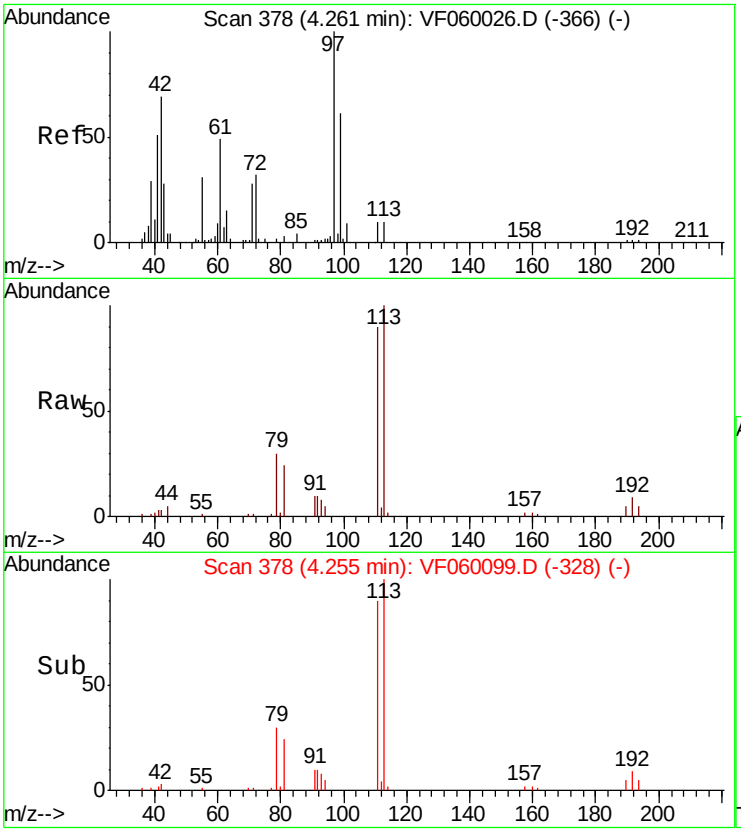


#18
Methyl Acetate
Concen: Below Cal
RT: 2.46 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Tgt Ion: 43 Resp: 1098

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.6#



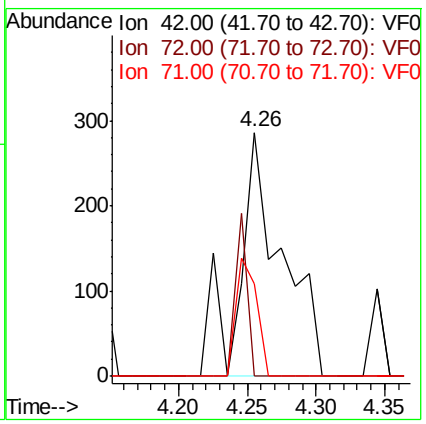


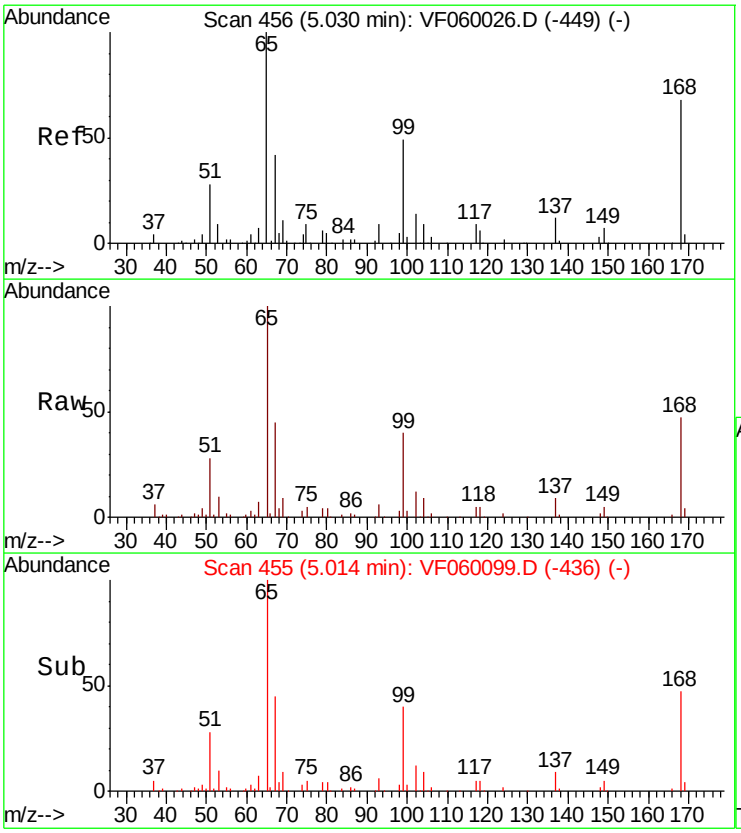
#29
Tetrahydrofuran
Concen: 1.93 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.01 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A2

Tgt Ion: 42 Resp: 623

Ion	Ratio	Lower	Upper
42	100		
72	18.1	31.4	47.2#
71	23.3	29.7	44.5#

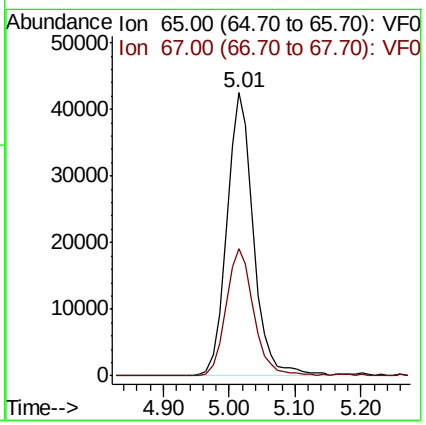


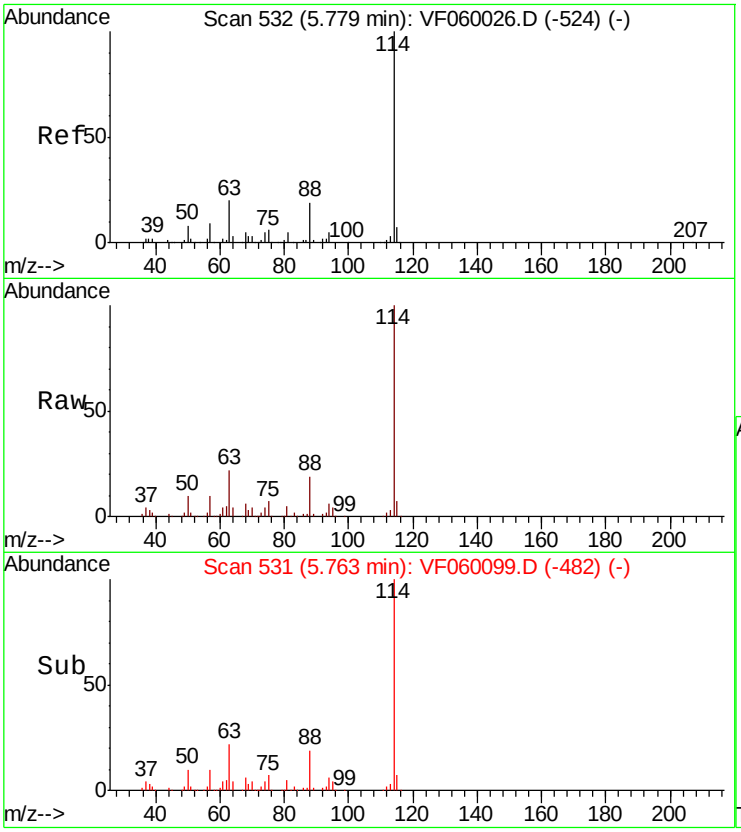


#33
1,2-Dichloroethane-d4
Concen: 48.10 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.02 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Tgt Ion: 65 Resp: 120276

Ion	Ratio	Lower	Upper
65	100		
67	44.8	0.0	92.0



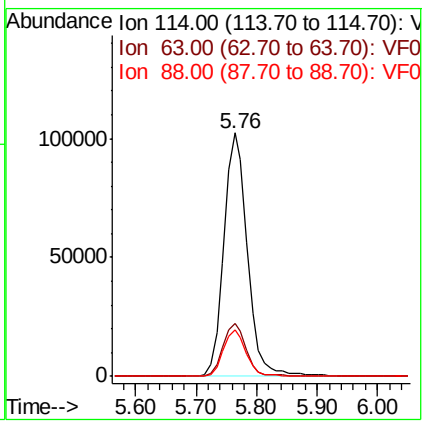


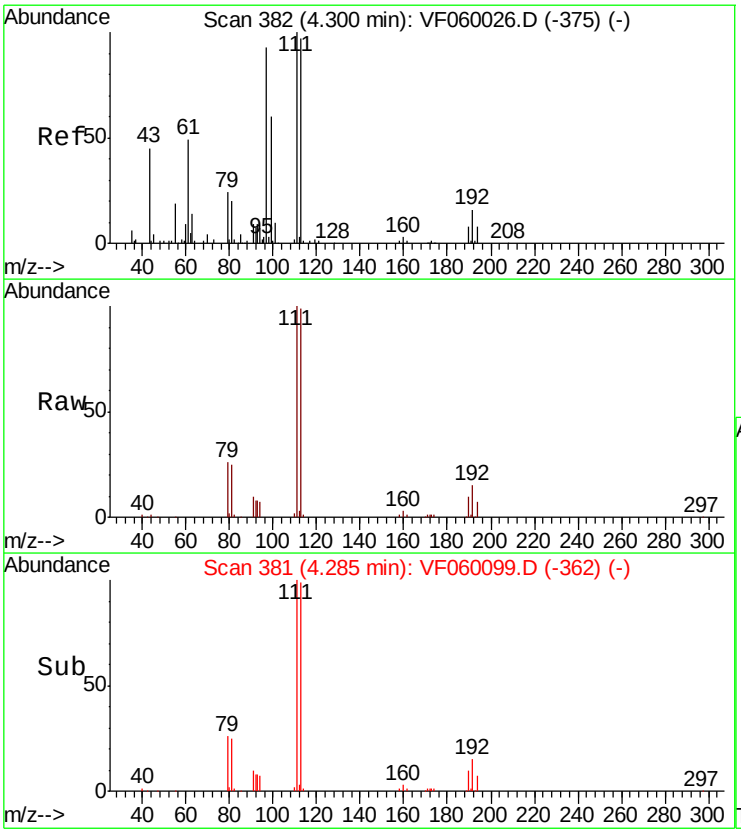
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.02 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A2

Tgt Ion:114 Resp: 276066

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	40.4
88	19.3	0.0	38.6

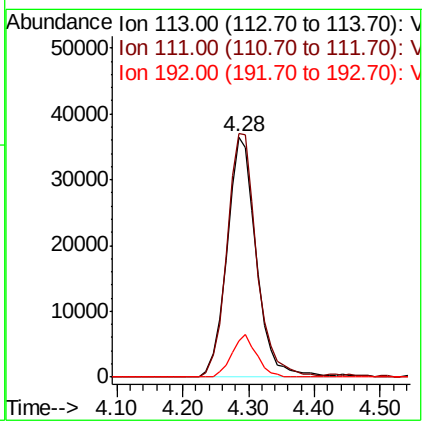


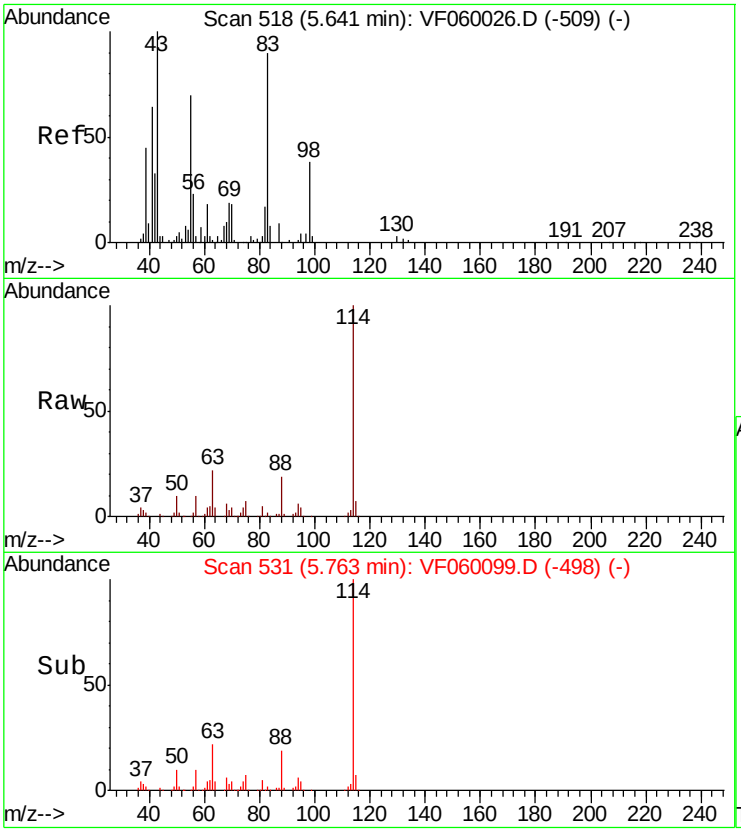


#35
Dibromofluoromethane
Concen: 52.45 ug/l
RT: 4.28 min Scan# 381
Delta R.T. -0.02 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Tgt Ion:113 Resp: 113697

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.7	124.1
192	15.3	13.0	19.4



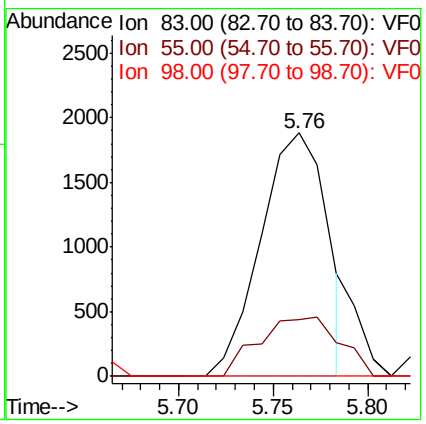


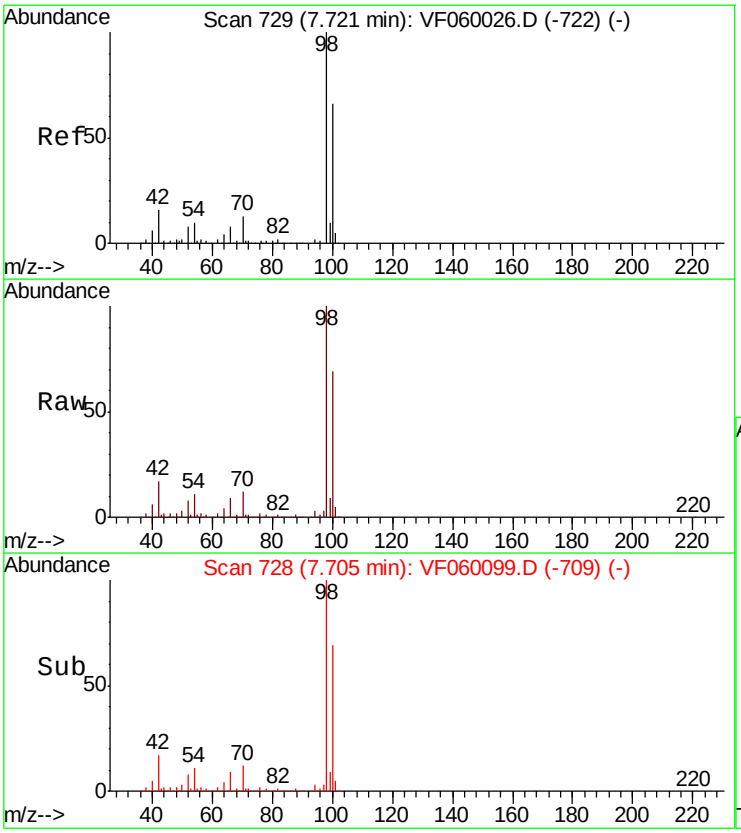
#39
Methylcyclohexane
Concen: 1.89 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.12 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A2

Tgt Ion: 83 Resp: 4591

Ion	Ratio	Lower	Upper
83	100		
55	23.1	62.7	94.1#
98	0.0	33.8	50.8#

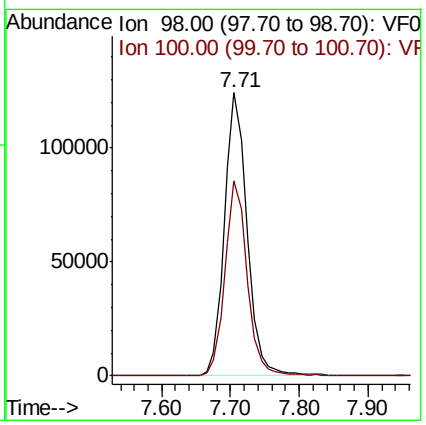


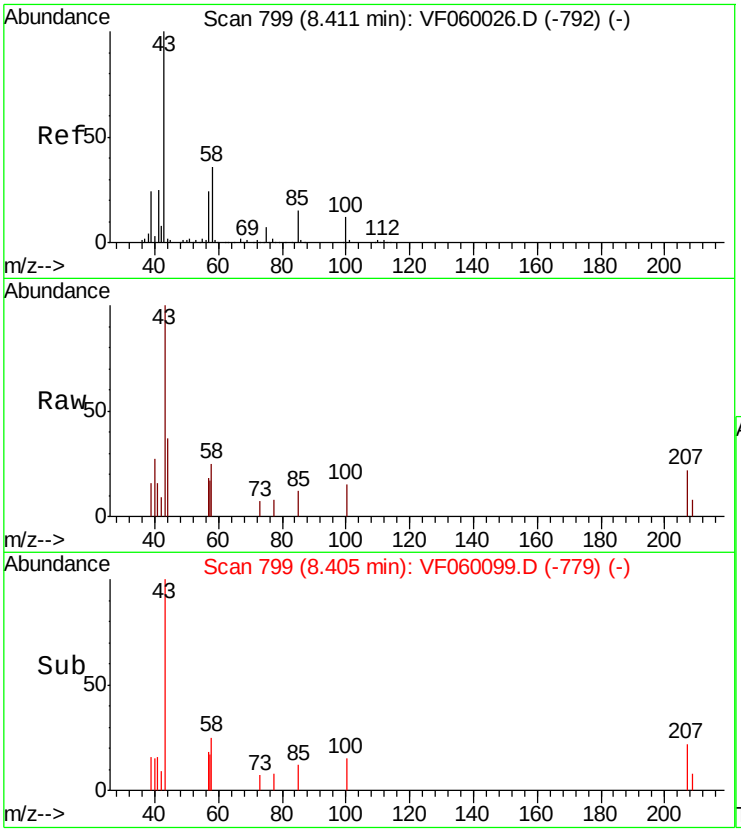


#50
Toluene-d8
Concen: 46.16 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Tgt Ion: 98 Resp: 284169

Ion	Ratio	Lower	Upper
98	100		
100	69.1	53.2	79.8



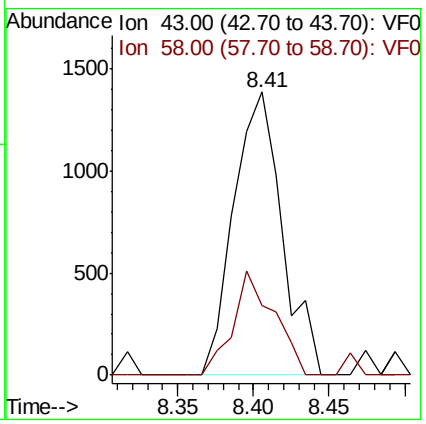


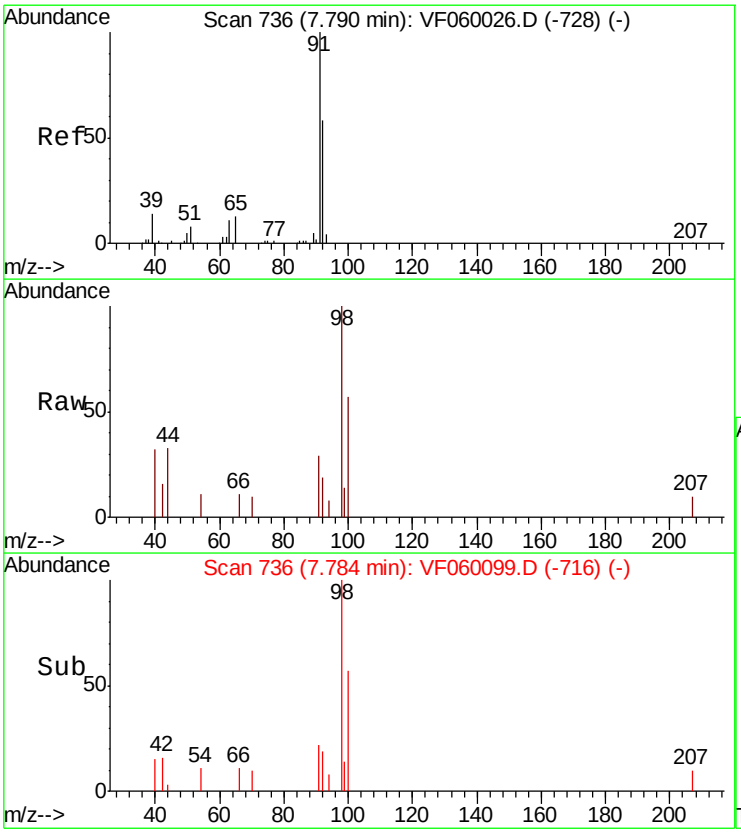
#51
4-Methyl-2-Pentanone
Concen: 1.83 ug/l
RT: 8.41 min Scan# 799
Delta R.T. -0.01 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-A2

Tgt Ion: 43 Resp: 3091

Ion	Ratio	Lower	Upper
43	100		
58	24.5	28.6	42.8#

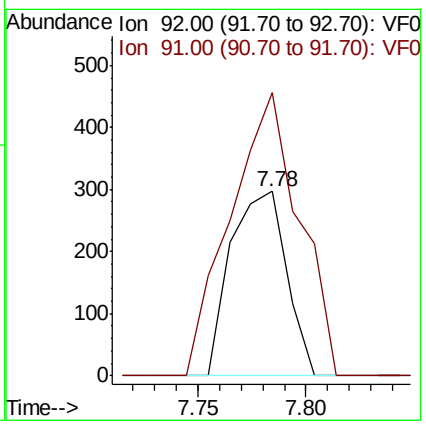


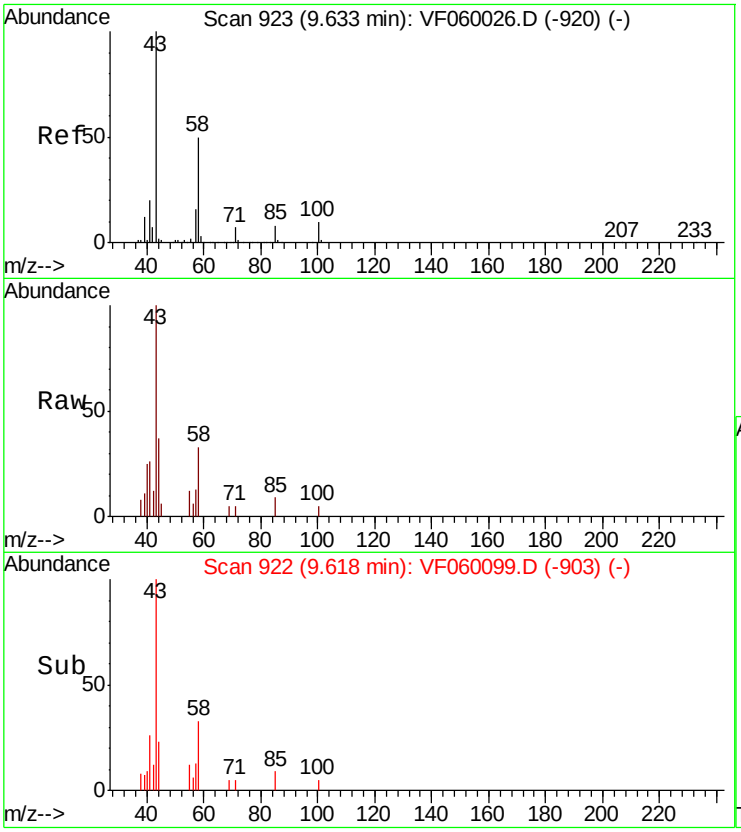


#52
Toluene
Concen: Below Cal
RT: 7.78 min Scan# 736
Delta R.T. -0.00 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Tgt Ion: 92 Resp: 535

Ion	Ratio	Lower	Upper
92	100		
91	153.5	137.7	206.5



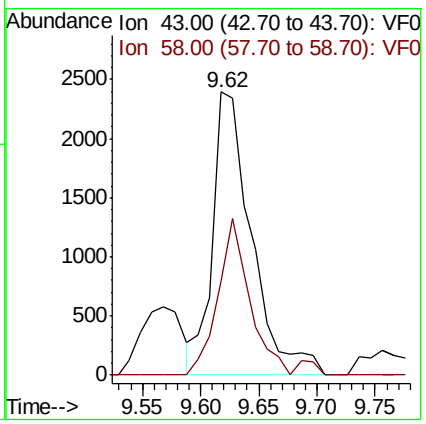


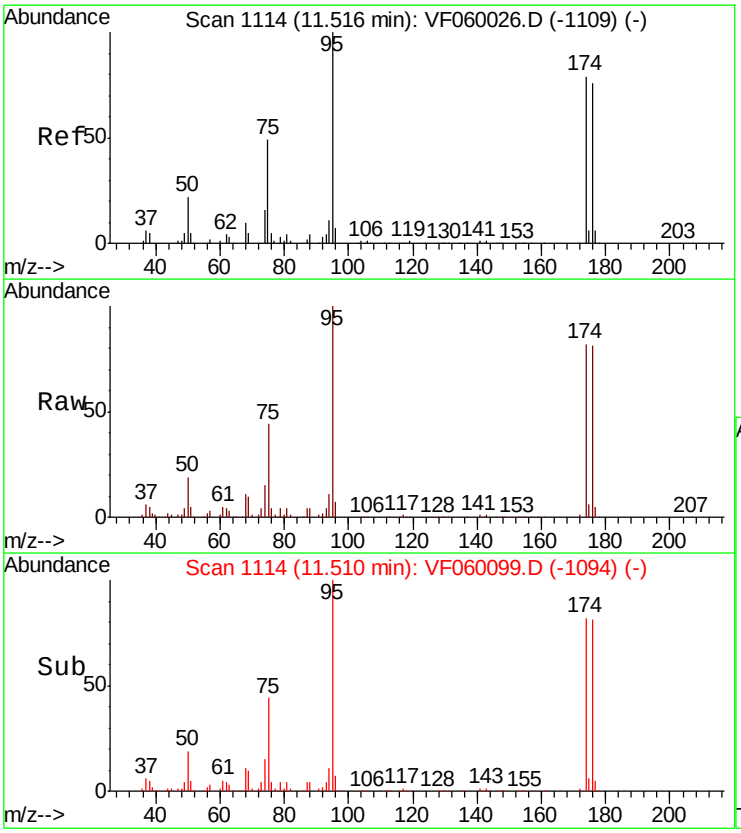
#59
2-Hexanone
Concen: 4.07 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.02 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A2

Tgt Ion: 43 Resp: 5560

Ion	Ratio	Lower	Upper
43	100		
58	33.3	23.4	70.2

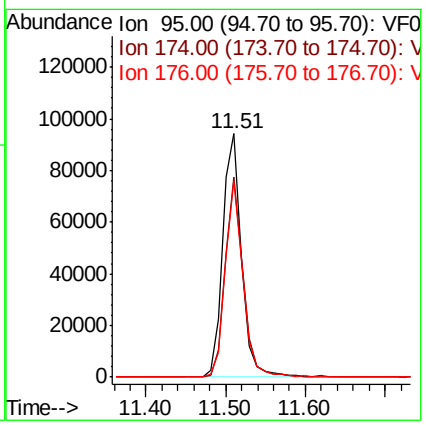


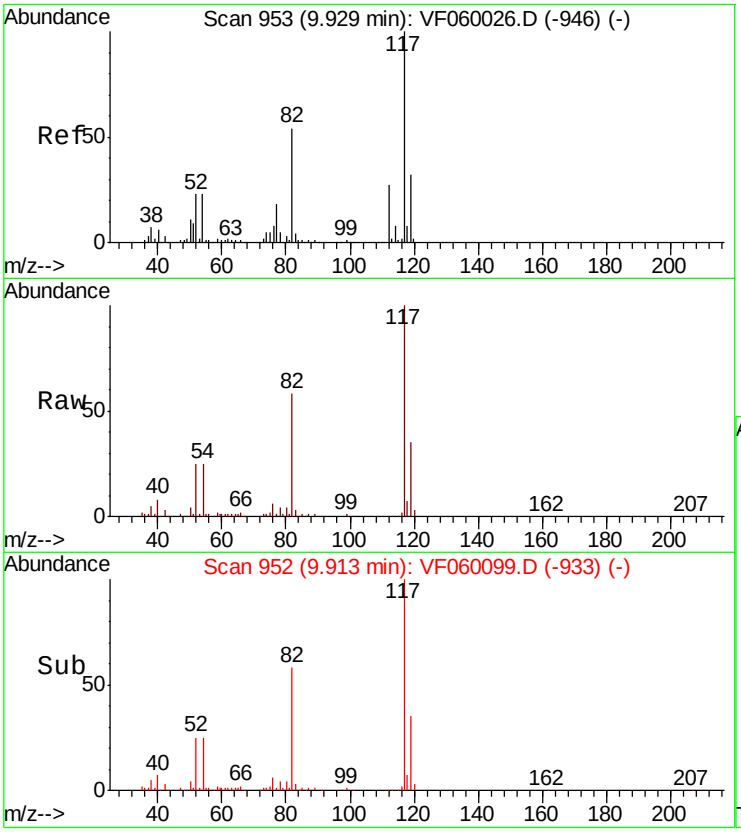


#62
4-Bromofluorobenzene
Concen: 48.42 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Tgt Ion: 95 Resp: 157690

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	158.4
176	80.7	0.0	153.0



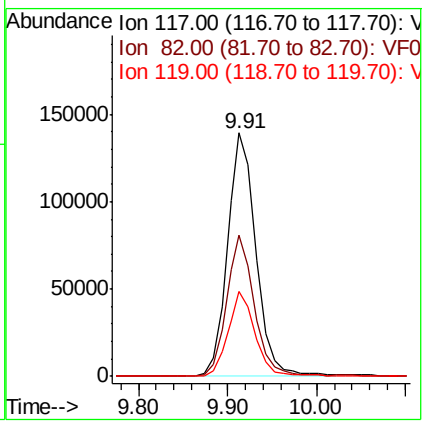


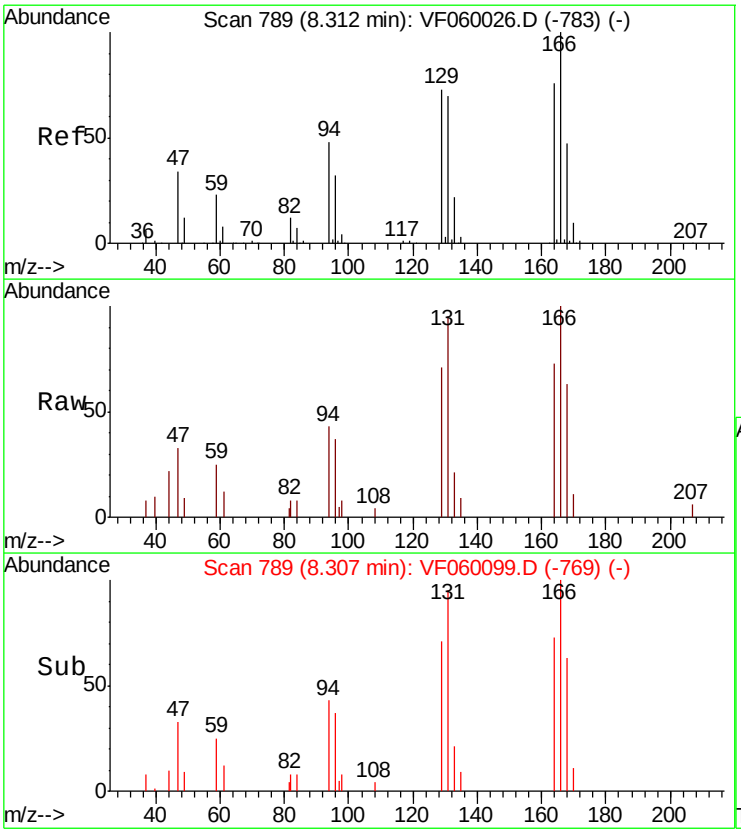
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-A2

Tgt Ion:117 Resp: 311403

Ion	Ratio	Lower	Upper
117	100		
82	58.0	43.6	65.4
119	35.0	25.6	38.4

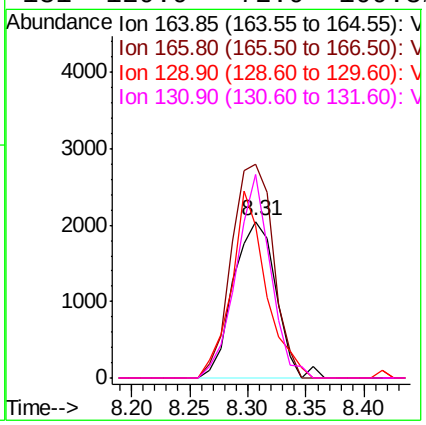


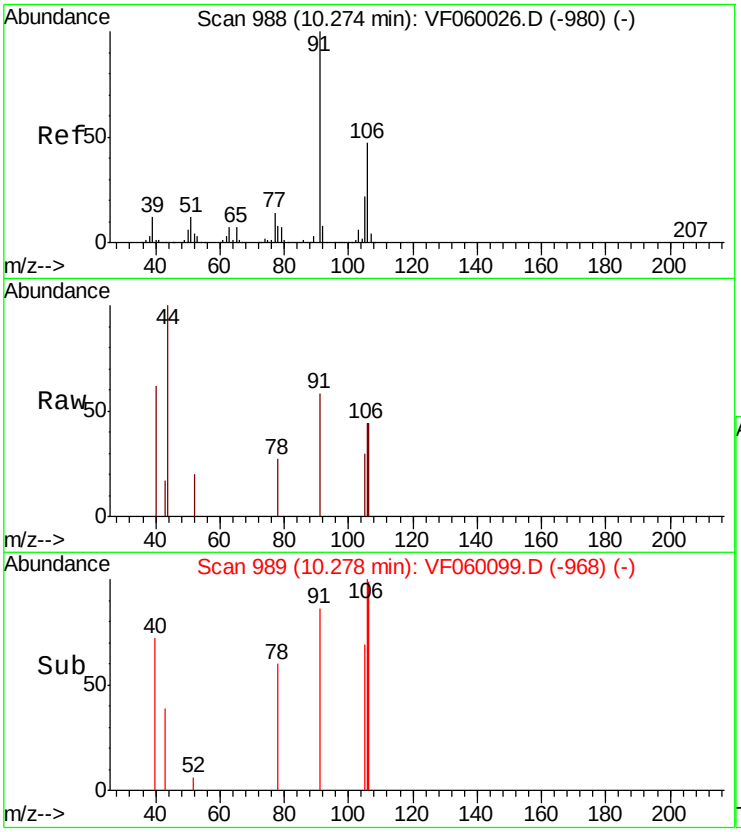


#64
Tetrachloroethene
Concen: 2.47 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.01 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Tgt Ion:164 Resp: 5185

Ion	Ratio	Lower	Upper
164	100		
166	136.7	104.7	157.1
129	97.1	77.0	115.4
131	129.9	72.9	109.3#



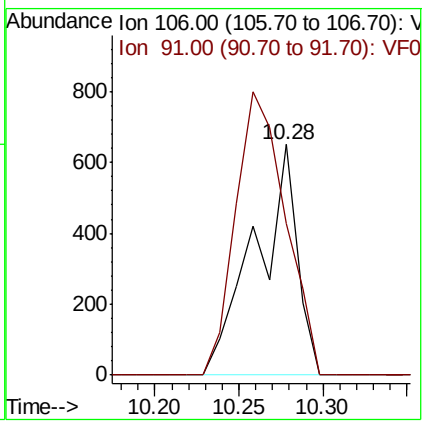


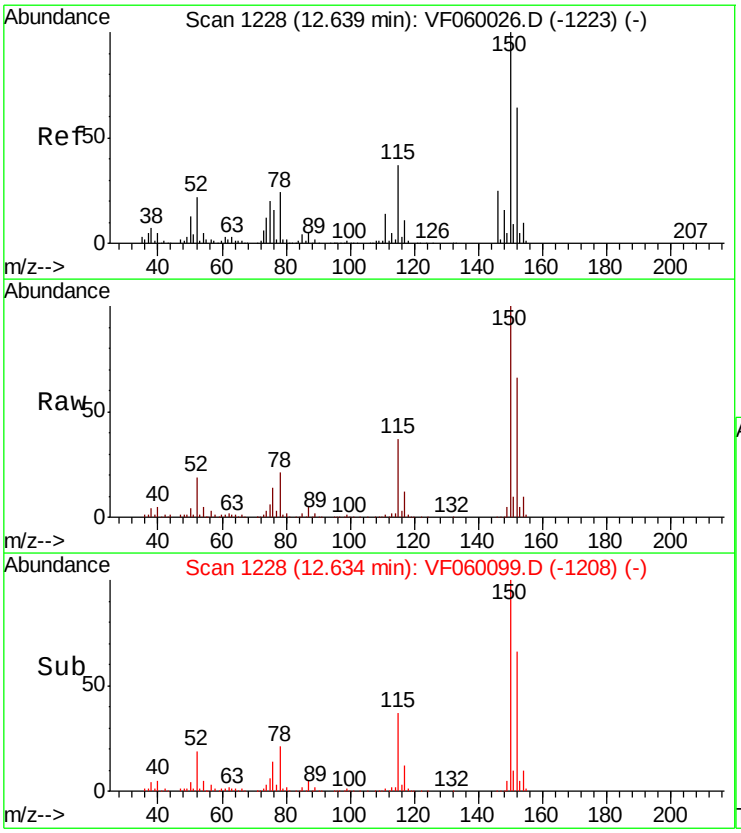
#68
m/p-Xylenes
Concen: Below Cal
RT: 10.28 min Scan# 989
Delta R.T. 0.01 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A2

Tgt Ion:106 Resp: 1124

Ion	Ratio	Lower	Upper
106	100		
91	65.8	171.8	257.8#

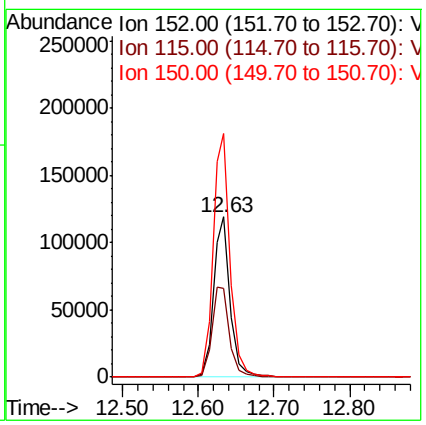


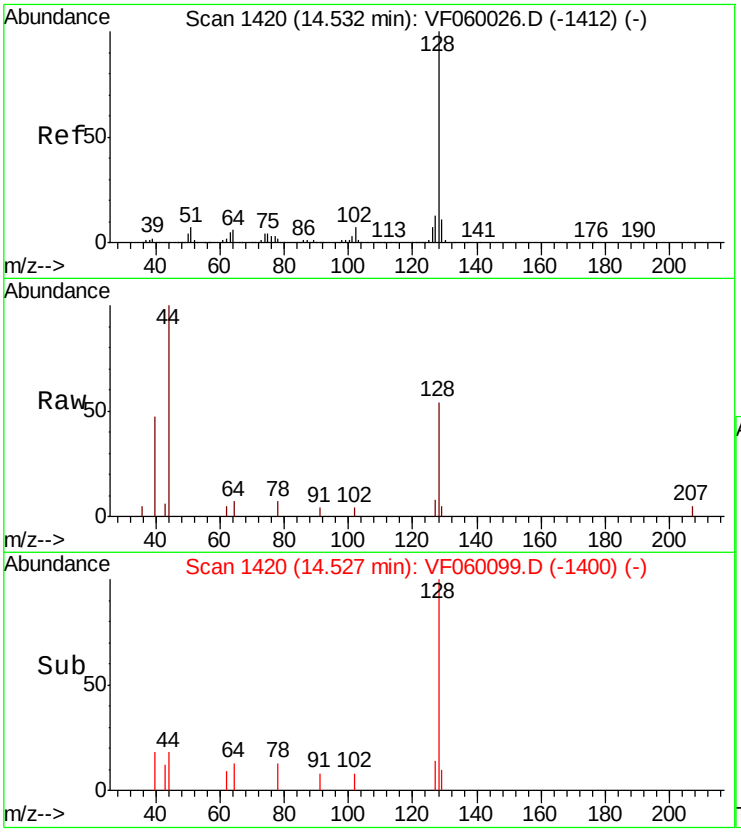


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Tgt Ion:152 Resp: 183074

Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.6	85.9
150	152.0	0.0	312.0





#95
Naphthalene
Concen: 2.52 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VF060099.D
Acq: 24 Aug 2018 14:52

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A2

Tgt Ion:128 Resp: 1653

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.4	15.6
129	9.5	8.5	12.7