Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082218\
Data File : VF060038.D
Acq On : 22 Aug 2018 14:22
Operator : VA/AP
Sample : J4555-03RE
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-01-COMP

Quant Time: Aug 23 04:25:34 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	5.07	168	138643	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	201236	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	207159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.65	152	116827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	86716	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.40%			
35) Dibromofluoromethane	4.31	113	77569	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.18%			
50) Toluene-d8	7.73	98	199392	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.86%			
62) 4-Bromofluorobenzene	11.52	95	100713	42.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.84%			
Target Compounds						Qvalue
3) Chloromethane	1.10	50	1518	Below Cal		98
5) Bromomethane	1.33	94	1254	1.456	ug/l	98
11) Tert butyl alcohol	2.68	59	235	2.328	ug/l #	1
13) Acrolein	1.94	56	85	27.557	ug/l	88
16) Acetone	2.36	43	1501	3.010	ug/l #	63
18) Methyl Acetate	2.50	43	1930	Below Cal	#	60
20) Methylene Chloride	2.30	84	9535	5.106	ug/l	82
39) Methylcyclohexane	5.78	83	2701	1.523	ug/l #	48
52) Toluene	7.80	92	142	Below Cal	#	40
59) 2-Hexanone	9.65	43	1534	1.542	ug/l	92
68) m/p-Xylenes	10.29	106	789	Below Cal	#	69
95) Naphthalene	14.54	128	3626	3.082	ug/l #	82

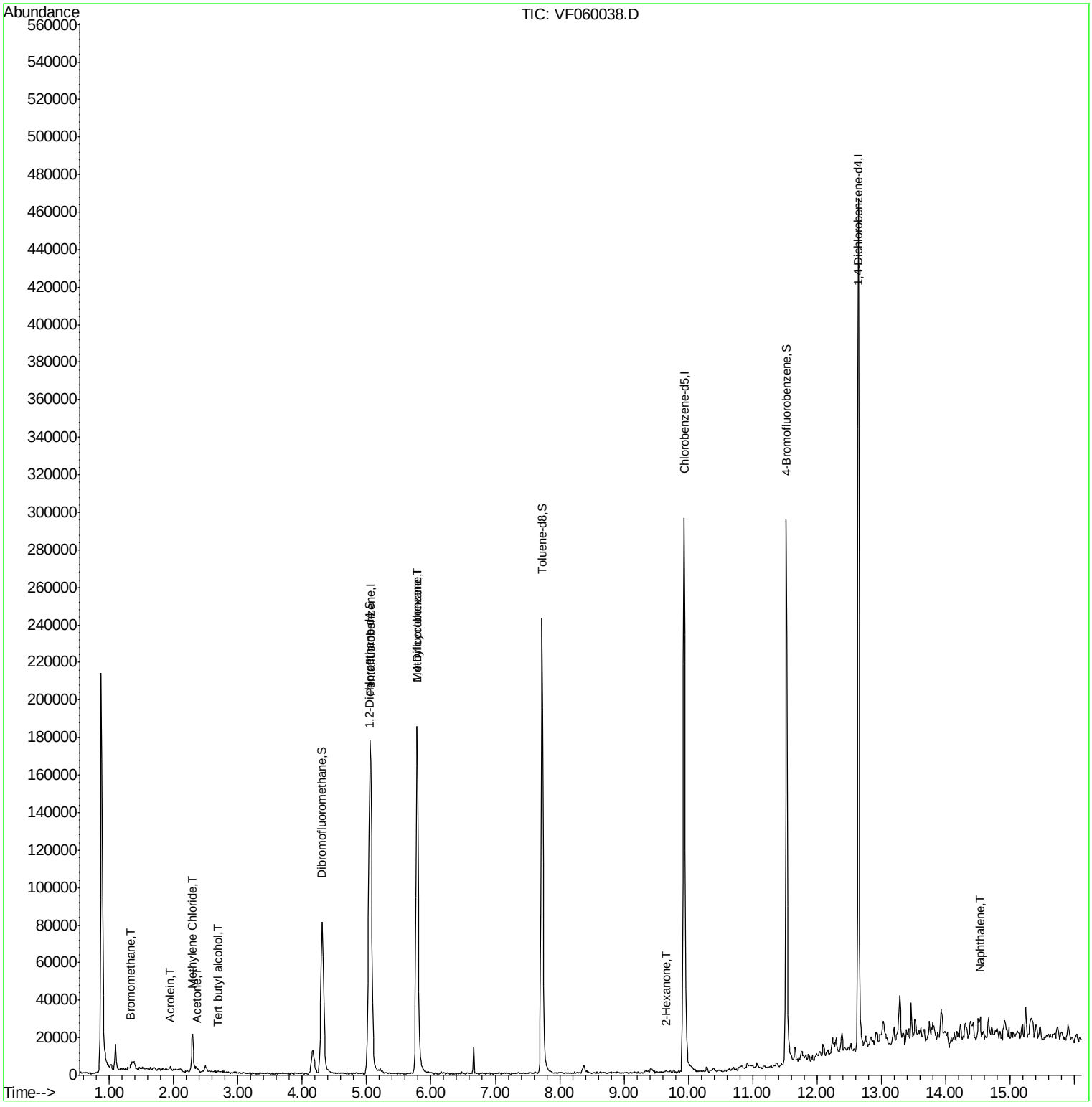
(#) = qualifier out of range (m) = manual integration (+) = signals summed

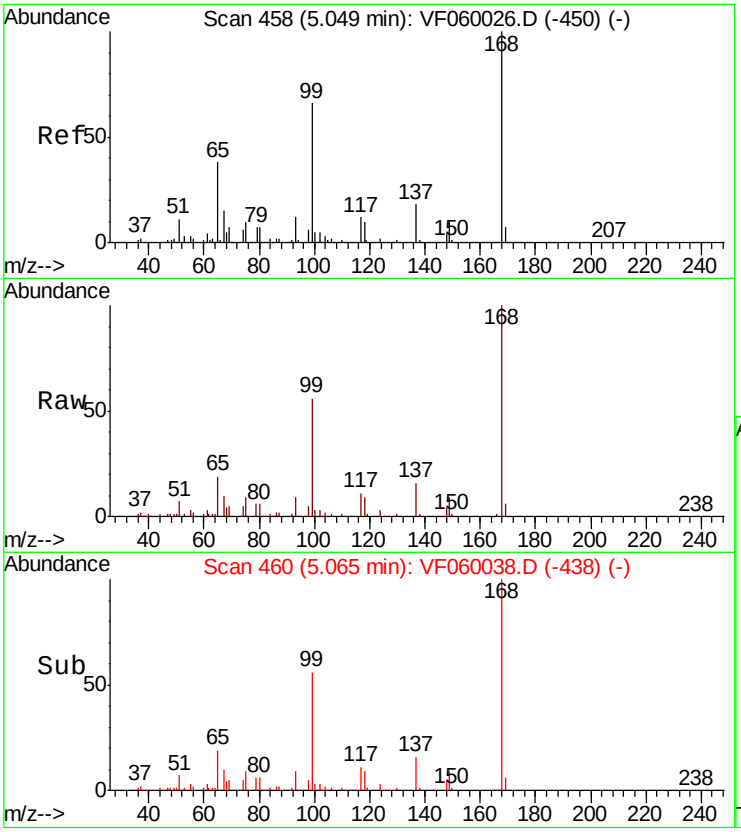
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082218\
Data File : VF060038.D
Acq On : 22 Aug 2018 14:22
Operator : VA/AP
Sample : J4555-03RE
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-01-COMP

Quant Time: Aug 23 04:25:34 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



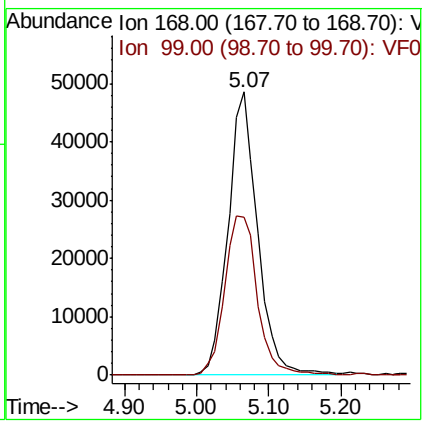


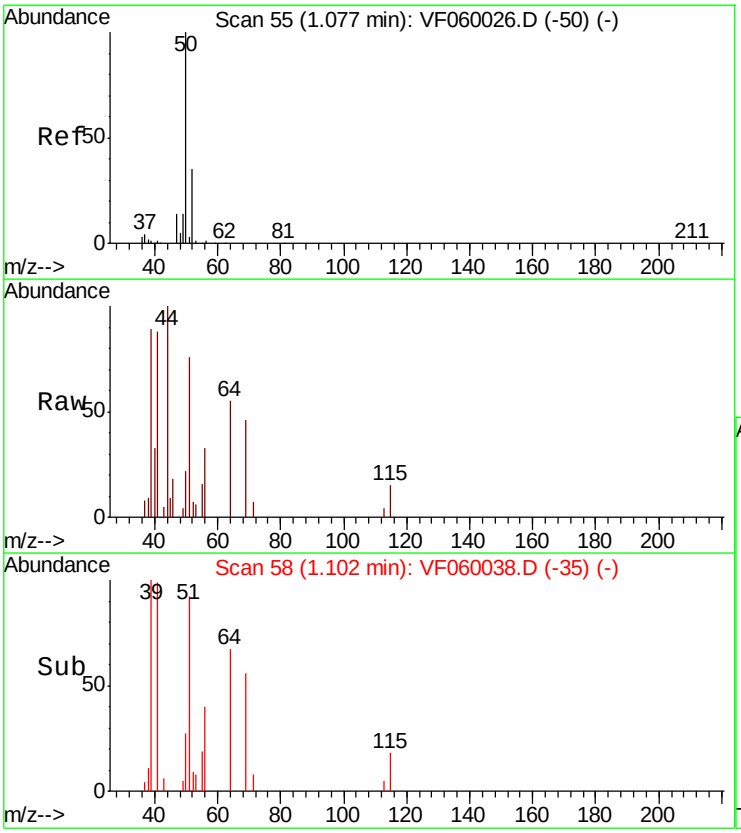
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. 0.02 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Instrument :
MSVOA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:168 Resp: 138643

Ion	Ratio	Lower	Upper
168	100		
99	55.8	52.6	79.0

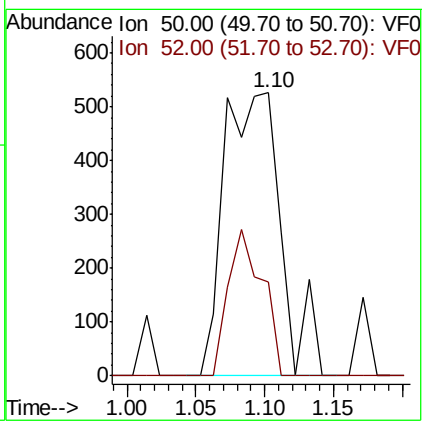


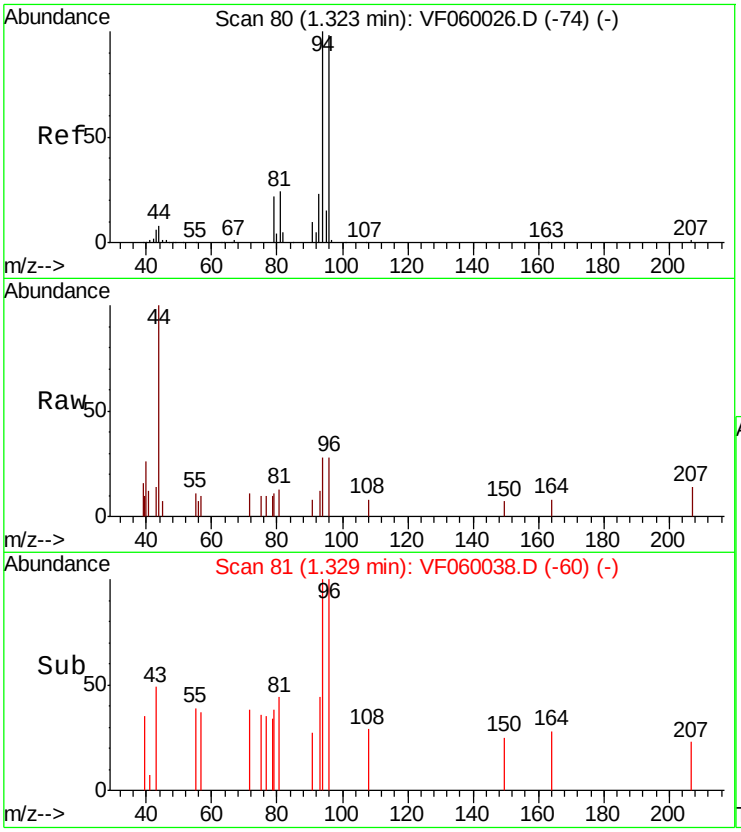


#3
Chloromethane
Concen: Below Cal
RT: 1.10 min Scan# 58
Delta R.T. 0.03 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Tgt Ion: 50 Resp: 1518

Ion	Ratio	Lower	Upper
50	100		
52	33.3	27.6	41.4



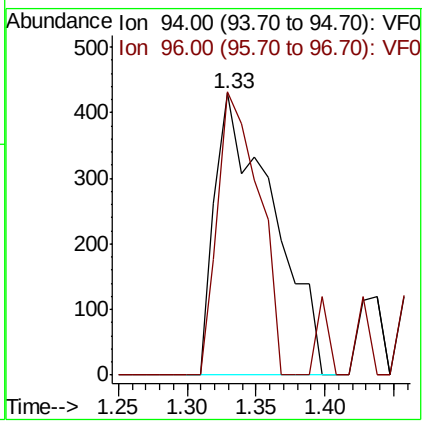


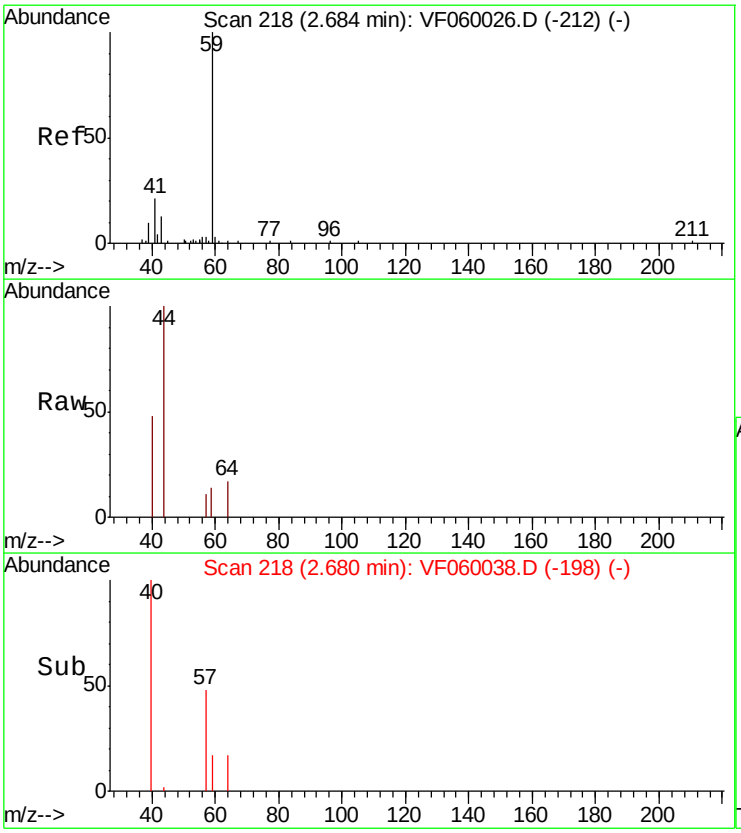
#5
Bromomethane
Concen: 1.456 ug/l
RT: 1.33 min Scan# 81
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Instrument :
MSVOA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 94 Resp: 1254

Ion	Ratio	Lower	Upper
94	100		
96	100.5	78.6	118.0

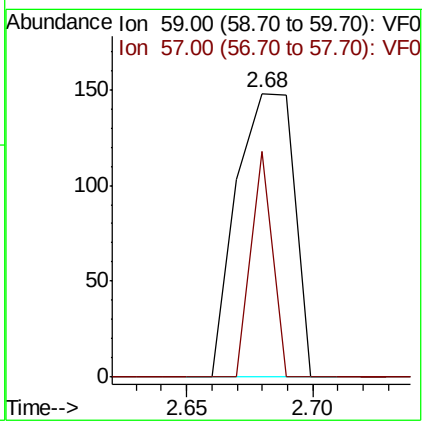


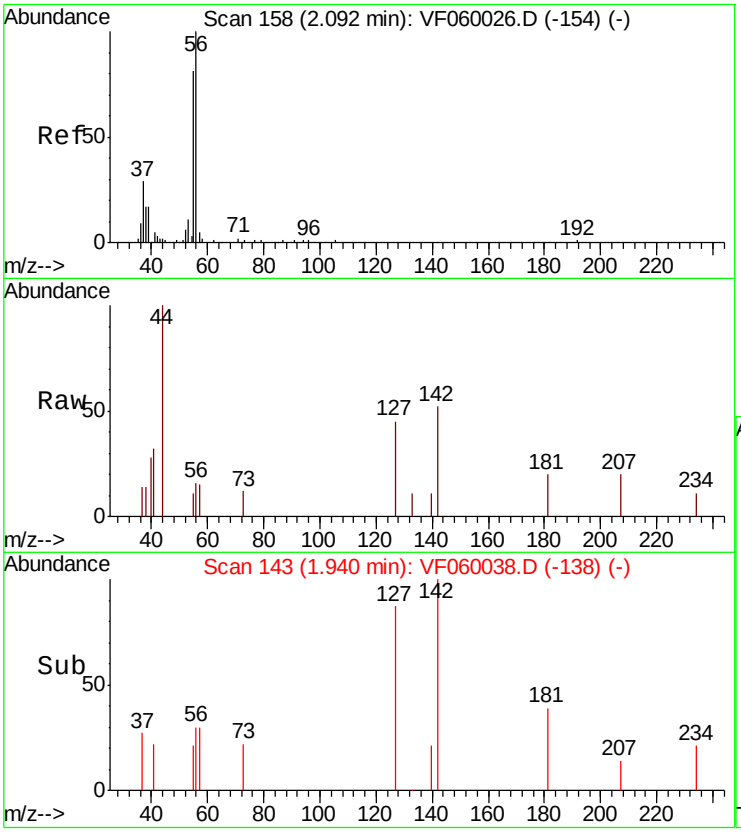


#11
Tert butyl alcohol
Concen: 2.328 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.00 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Tgt Ion: 59 Resp: 235

Ion	Ratio	Lower	Upper
59	100		
57	79.7	5.4	8.2#



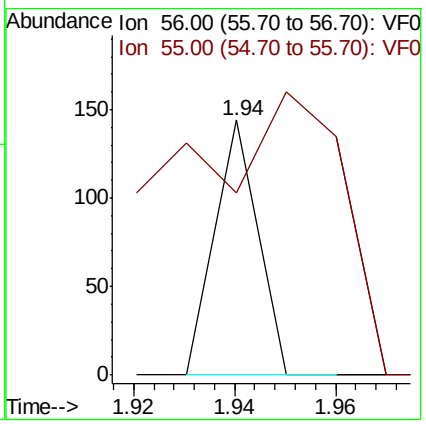


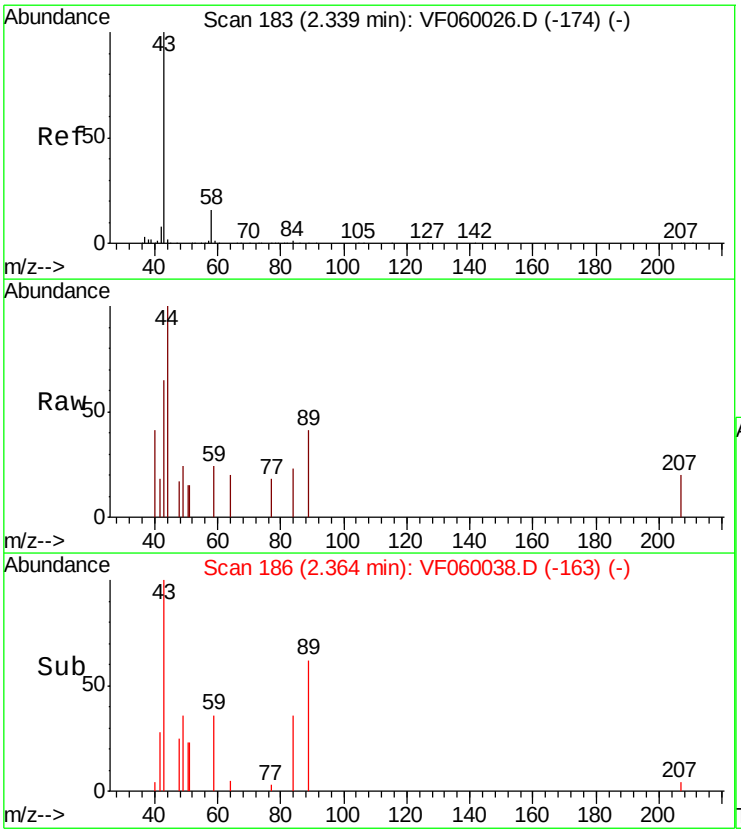
#13
Acrolein
Concen: 27.557 ug/l
RT: 1.94 min Scan# 143
Delta R.T. -0.15 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Instrument : MSVOA_F
ClientSampleId : SB-01-COMP

Tgt Ion: 56 Resp: 85

Ion	Ratio	Lower	Upper
56	100		
55	71.5	65.6	98.4

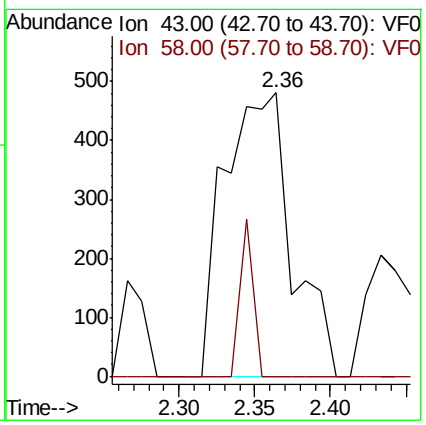


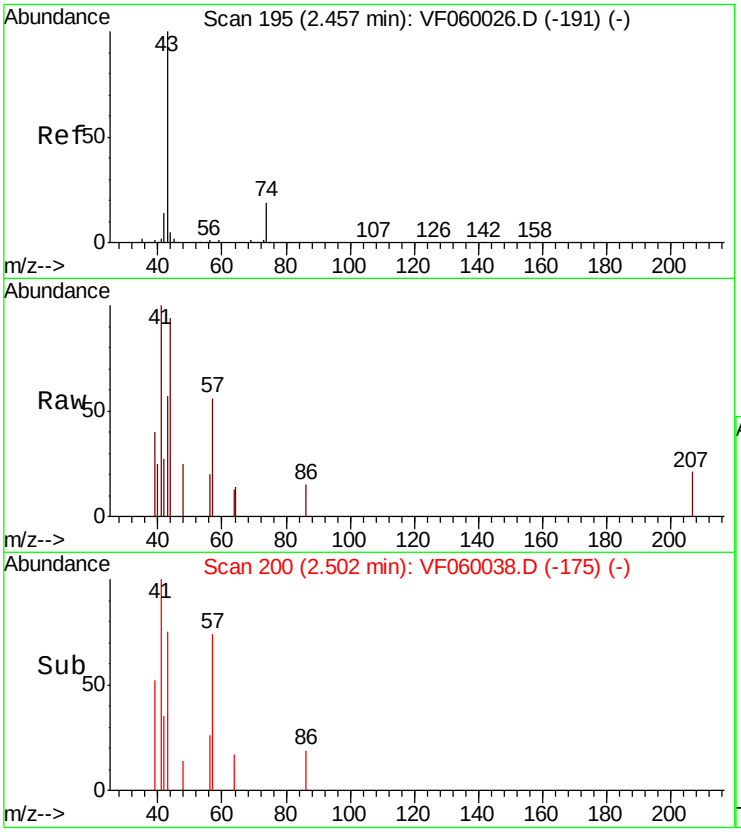


#16
Acetone
Concen: 3.010 ug/l
RT: 2.36 min Scan# 186
Delta R.T. 0.03 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Tgt Ion: 43 Resp: 1501

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.6	19.0#



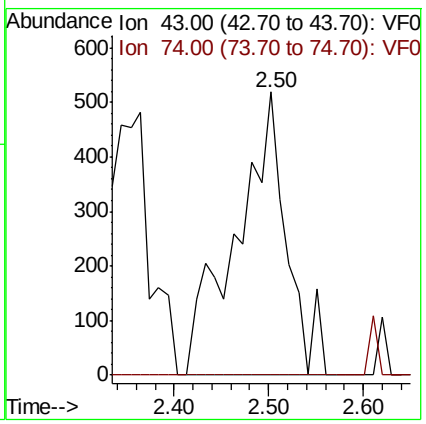


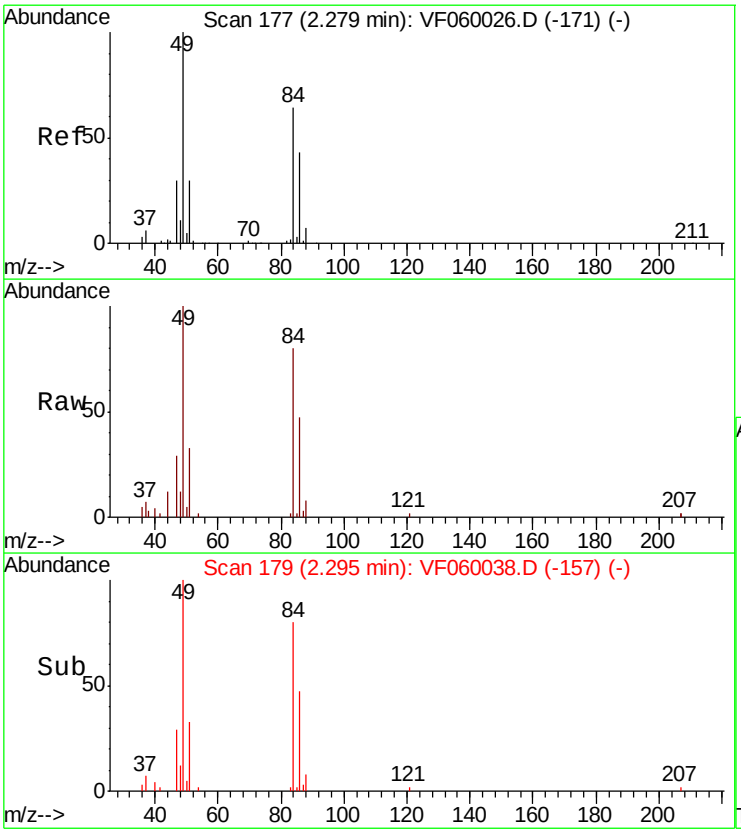
#18
Methyl Acetate
Concen: Below Cal
RT: 2.50 min Scan# 200
Delta R.T. 0.05 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Instrument : MSVOA_F
ClientSampleId : SB-01-COMP

Tgt Ion: 43 Resp: 1930

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.6#

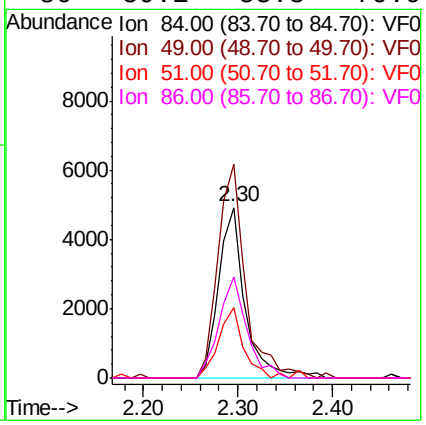


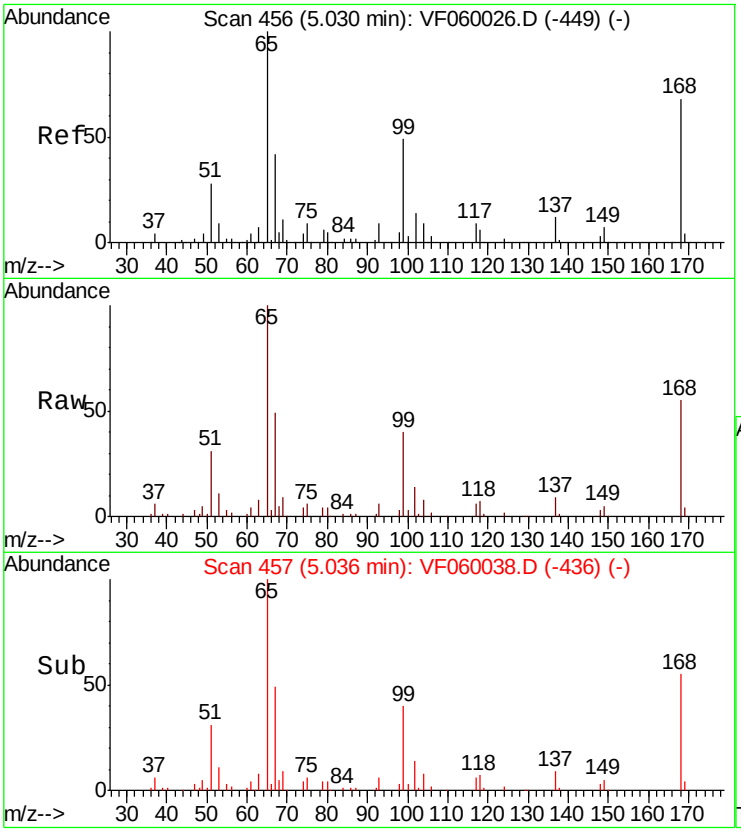


#20
Methylene Chloride
Concen: 5.106 ug/l
RT: 2.30 min Scan# 179
Delta R.T. 0.02 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Tgt Ion: 84 Resp: 9535

Ion	Ratio	Lower	Upper
84	100		
49	125.4	125.4	188.0
51	41.2	38.3	57.5
86	59.1	53.3	79.9



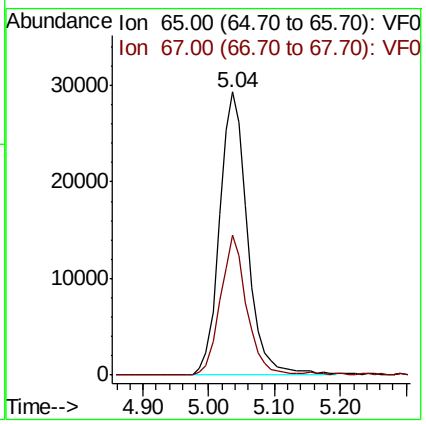


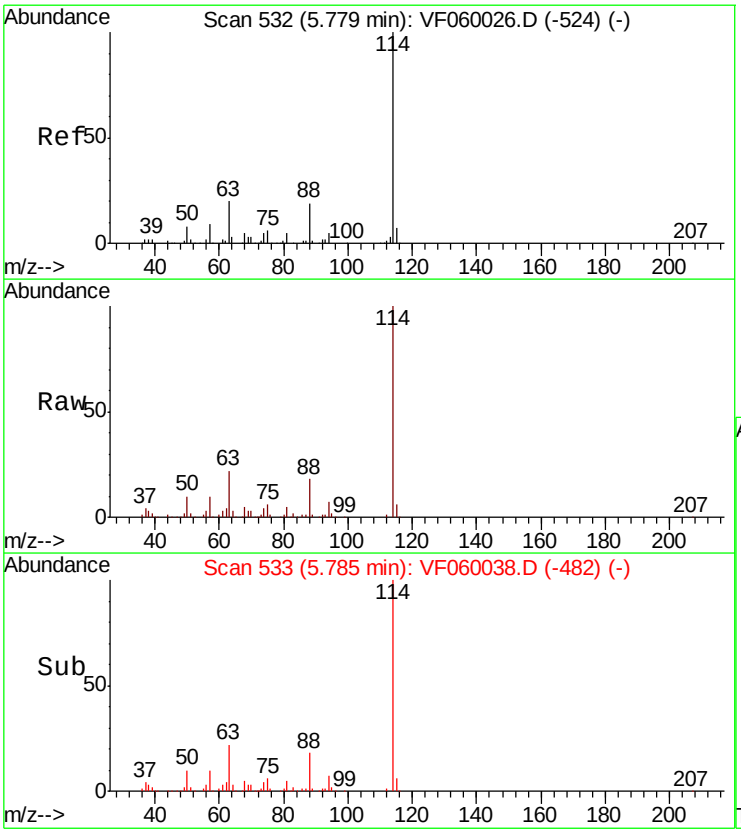
#33
1,2-Dichloroethane-d4
Concen: 45.700 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Instrument :
MSVOA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 65 Resp: 86716

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	92.0

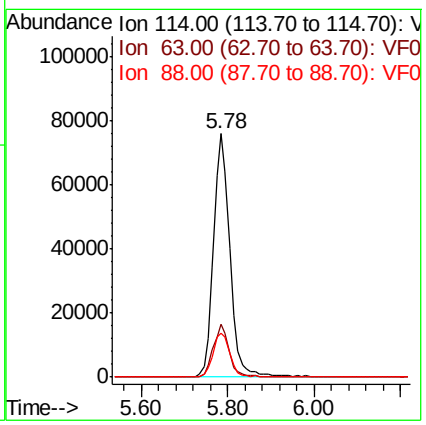


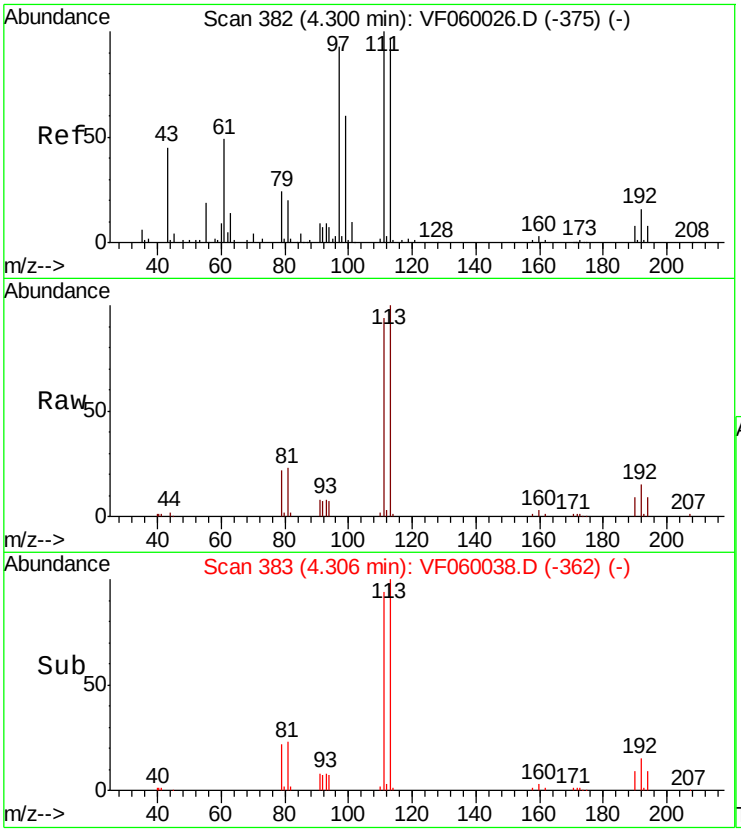


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Tgt Ion:114 Resp: 201236

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	40.4
88	18.0	0.0	38.6



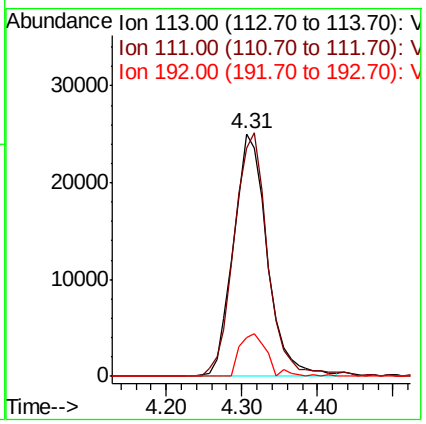


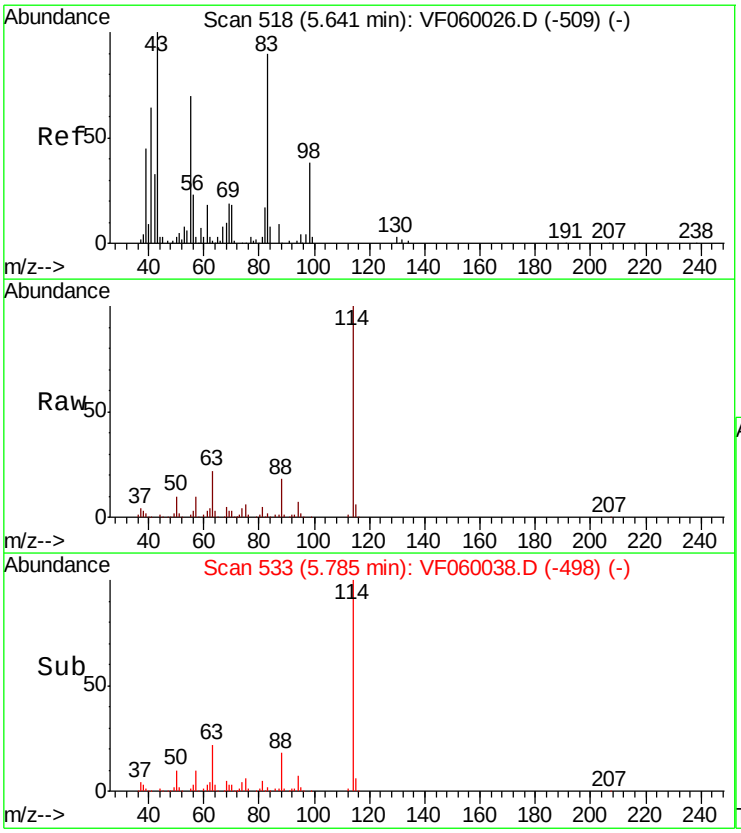
#35
Dibromofluoromethane
Concen: 49.088 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Instrument :
MSVOA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:113 Resp: 77569

Ion	Ratio	Lower	Upper
113	100		
111	94.1	82.7	124.1
192	15.8	13.0	19.4

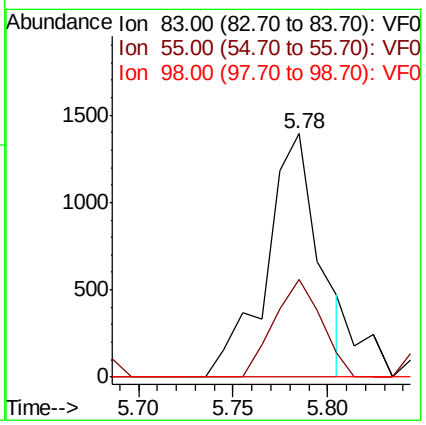


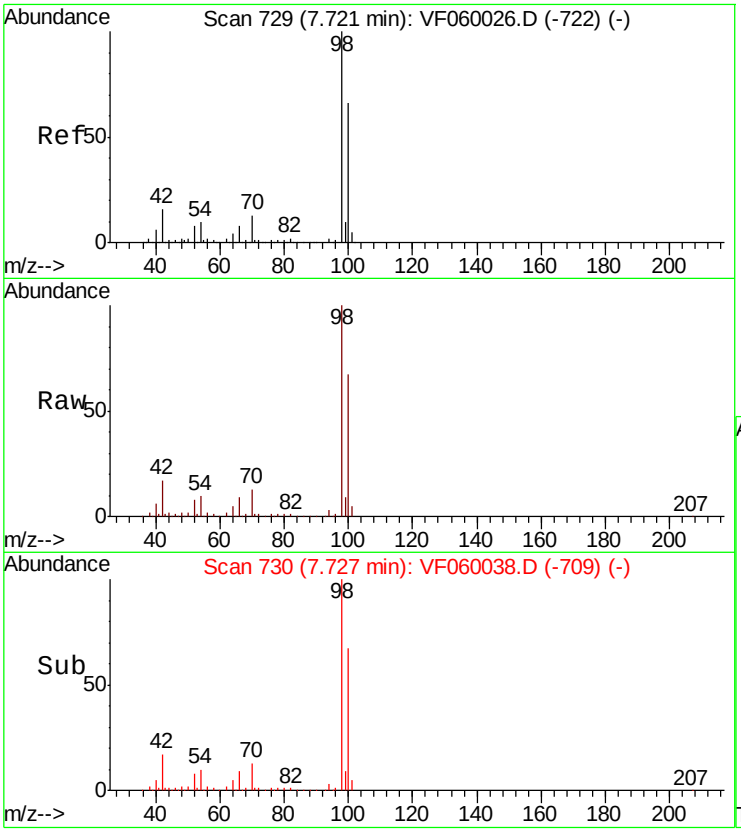


#39
Methylcyclohexane
Concen: 1.523 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.14 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Tgt Ion: 83 Resp: 2701

Ion	Ratio	Lower	Upper
83	100		
55	40.0	62.7	94.1#
98	0.0	33.8	50.8#



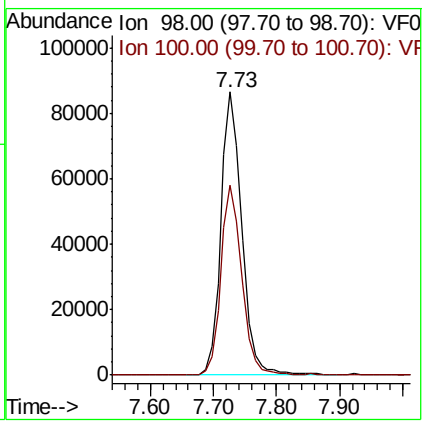


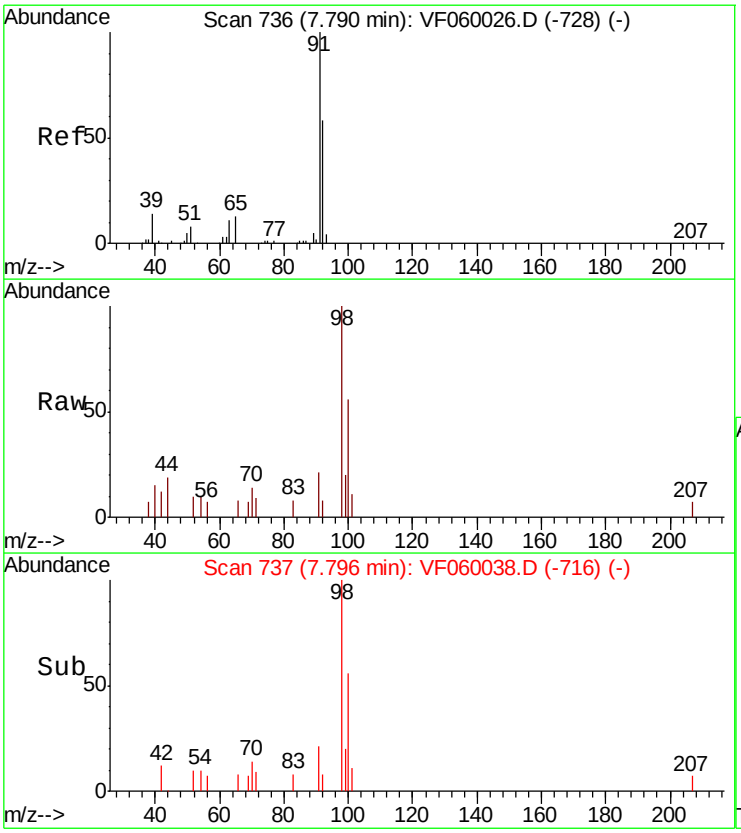
#50
Toluene-d8
Concen: 44.430 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Instrument :
MSVOA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 98 Resp: 199392

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.2	79.8

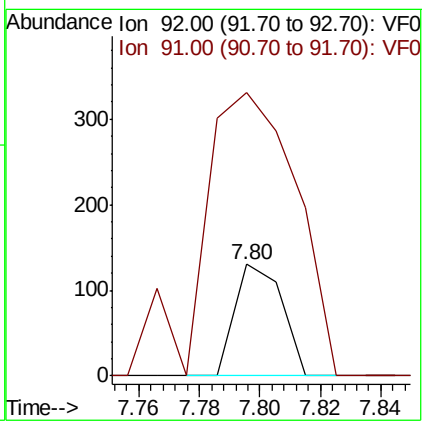


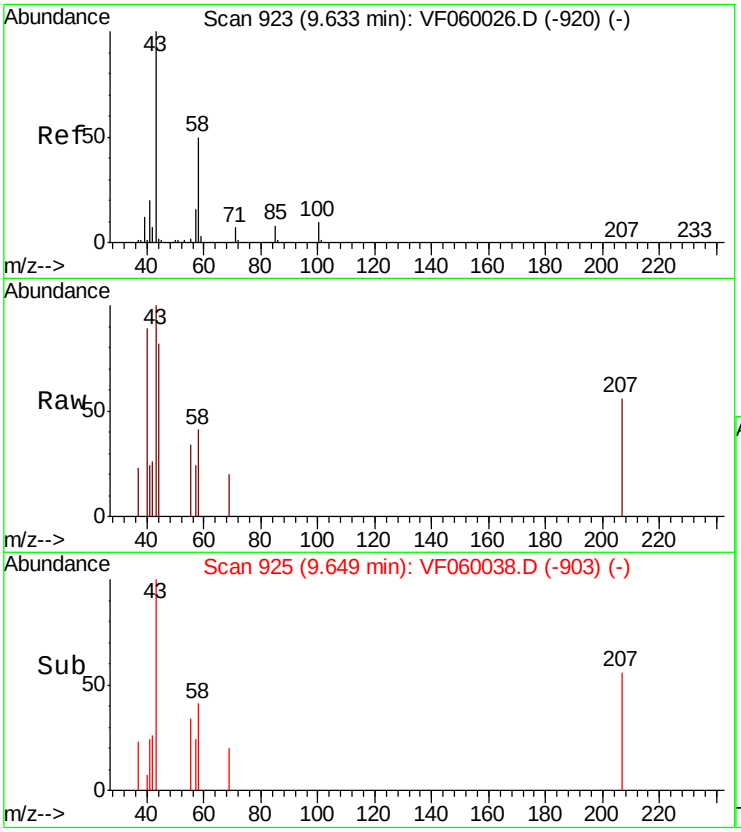


#52
Toluene
Concen: Below Cal
RT: 7.80 min Scan# 737
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Tgt Ion: 92 Resp: 142

Ion	Ratio	Lower	Upper
92	100		
91	254.6	137.7	206.5#



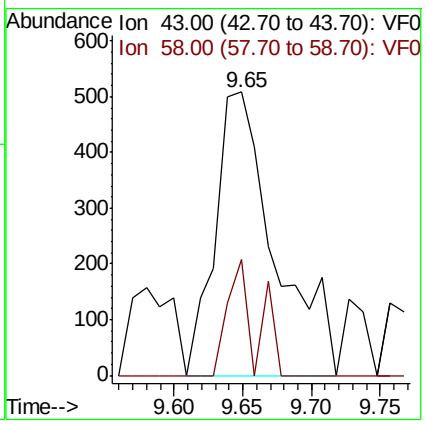


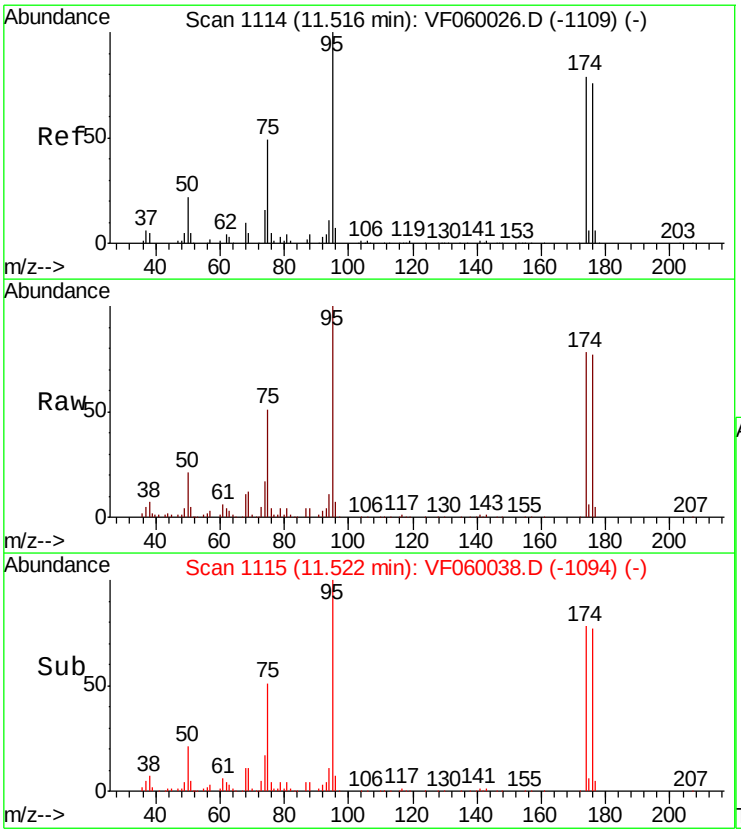
#59
2-Hexanone
Concen: 1.542 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.02 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Instrument :
MSVOA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 43 Resp: 1534

Ion	Ratio	Lower	Upper
43	100		
58	41.1	23.4	70.2

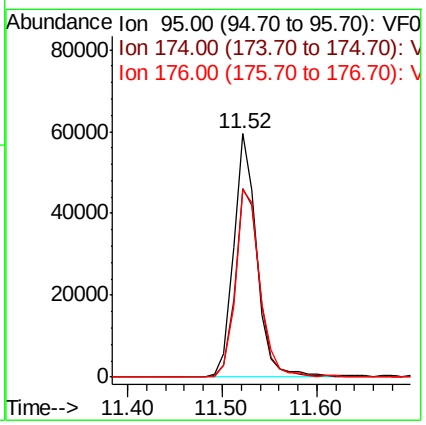


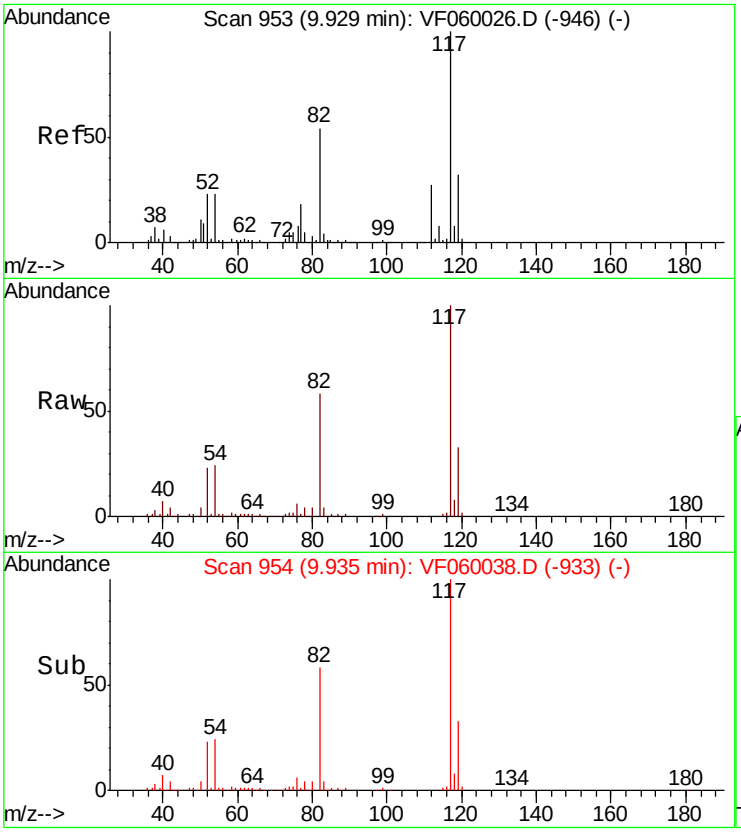


#62
4-Bromofluorobenzene
Concen: 42.422 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Tgt Ion: 95 Resp: 100713

Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	158.4
176	76.8	0.0	153.0



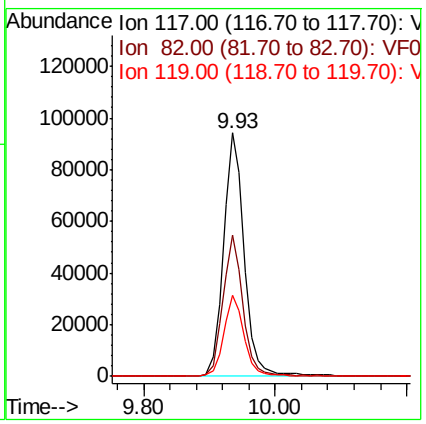


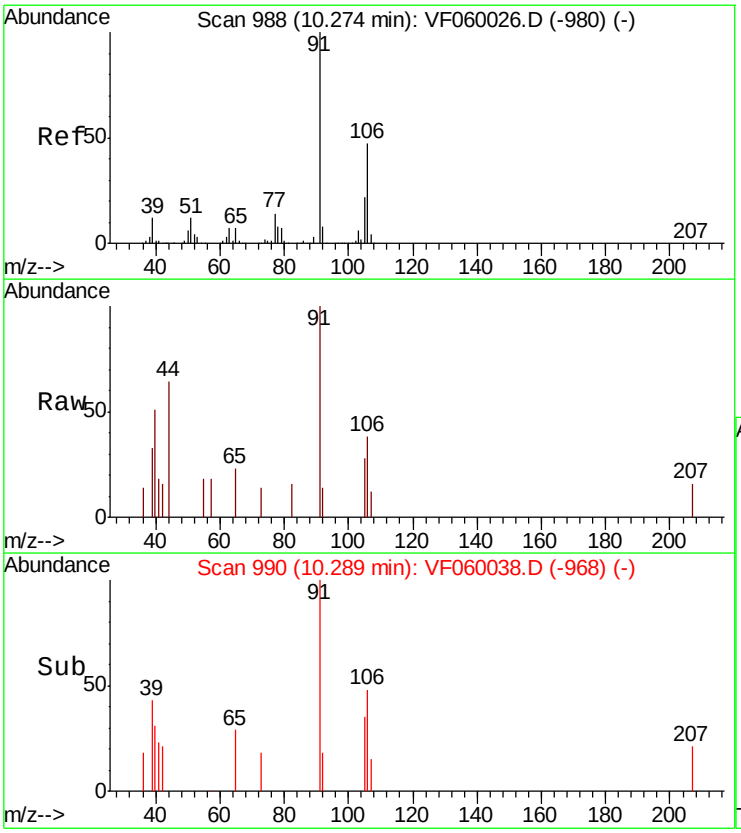
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Instrument :
MSVOA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:117 Resp: 207159

Ion	Ratio	Lower	Upper
117	100		
82	57.9	43.6	65.4
119	33.4	25.6	38.4

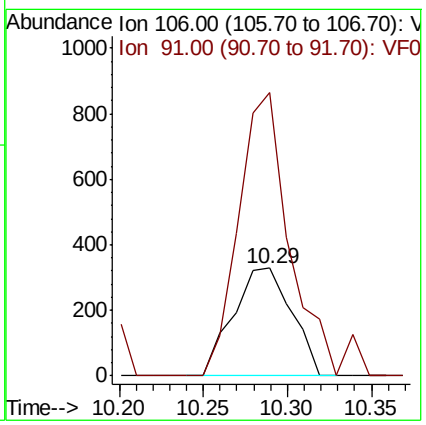


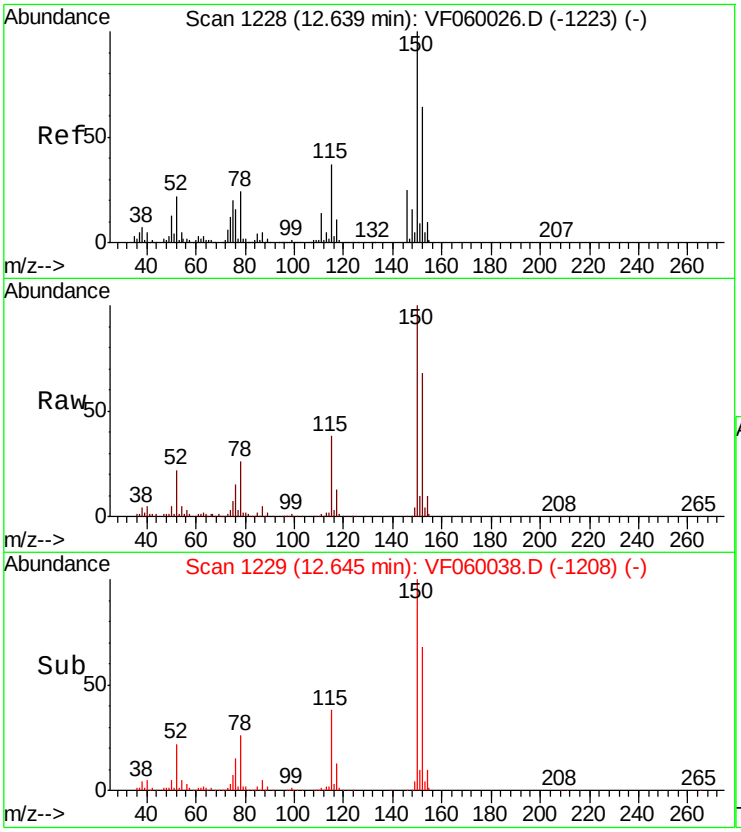


#68
m/p-Xylenes
Concen: Below Cal
RT: 10.29 min Scan# 990
Delta R.T. 0.02 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Tgt Ion:106 Resp: 789

Ion	Ratio	Lower	Upper
106	100		
91	263.4	171.8	257.8#



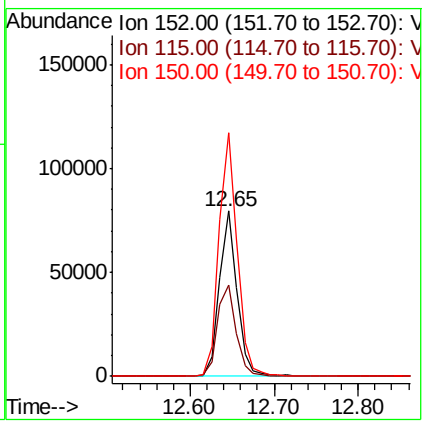


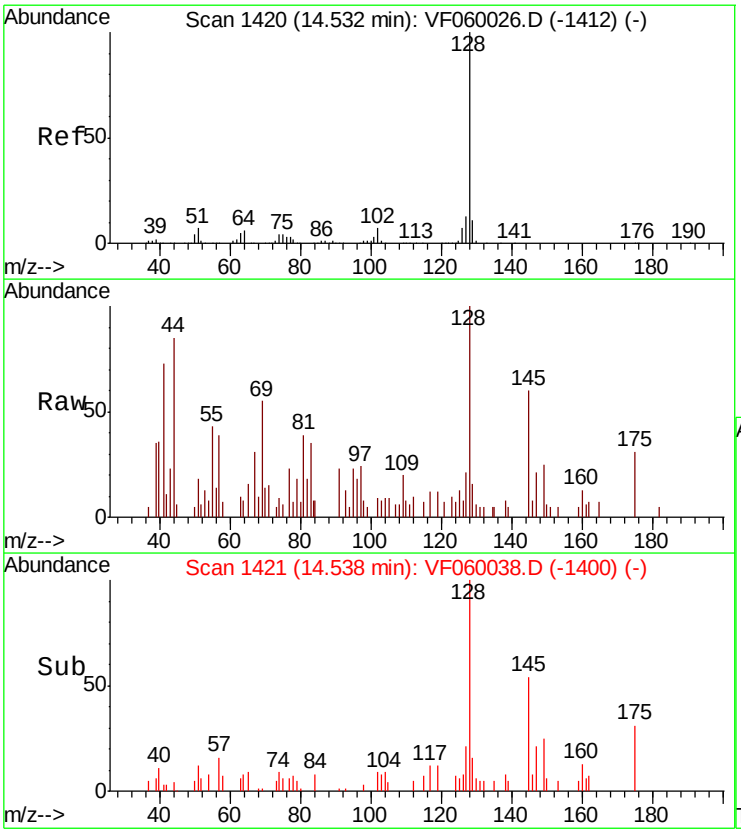
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Instrument :
MSVOA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:152 Resp: 116827

Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.6	85.9
150	147.3	0.0	312.0





#95
Naphthalene
Concen: 3.082 ug/l
RT: 14.54 min Scan# 1421
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Tgt Ion:128 Resp: 3626

Ion	Ratio	Lower	Upper
128	100		
127	21.3	10.4	15.6#
129	16.2	8.5	12.7#