Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082818\
Data File : VF060158.D
Acq On : 28 Aug 2018 19:03
Operator : VA/AP
Sample : J4646-08RE
Misc : 5.53g/5mL/MSVOA_F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-B7RE

Quant Time: Aug 29 01:17:42 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	5.03	168	105888	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	138069	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	120391	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	53725	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	36197	24.98	ug/l	-0.03
Spiked Amount 50.000			Recovery = 49.96%			
35) Dibromofluoromethane	4.27	113	43113	39.77	ug/l	-0.03
Spiked Amount 50.000			Recovery = 79.54%			
50) Toluene-d8	7.71	98	130705	42.45	ug/l	-0.02
Spiked Amount 50.000			Recovery = 84.90%			
62) 4-Bromofluorobenzene	11.50	95	47530	29.18	ug/l	-0.02
Spiked Amount 50.000			Recovery = 58.36%			
Target Compounds						Qvalue
3) Chloromethane	1.08	50	390	Below Cal	#	40
6) Chloroethane	1.43	64	544	1.59	ug/l #	45
13) Acrolein	2.15	56	75	27.75	ug/l #	8
16) Acetone	2.31	43	2508	6.58	ug/l #	84
18) Methyl Acetate	2.50	43	1312	Below Cal	#	60
20) Methylene Chloride	2.28	84	6706	4.25	ug/l #	86
52) Toluene	7.77	92	223	Below Cal	#	75
68) m/p-Xylenes	10.26	106	203	Below Cal	#	31
95) Naphthalene	14.53	128	140	2.35	ug/l #	69

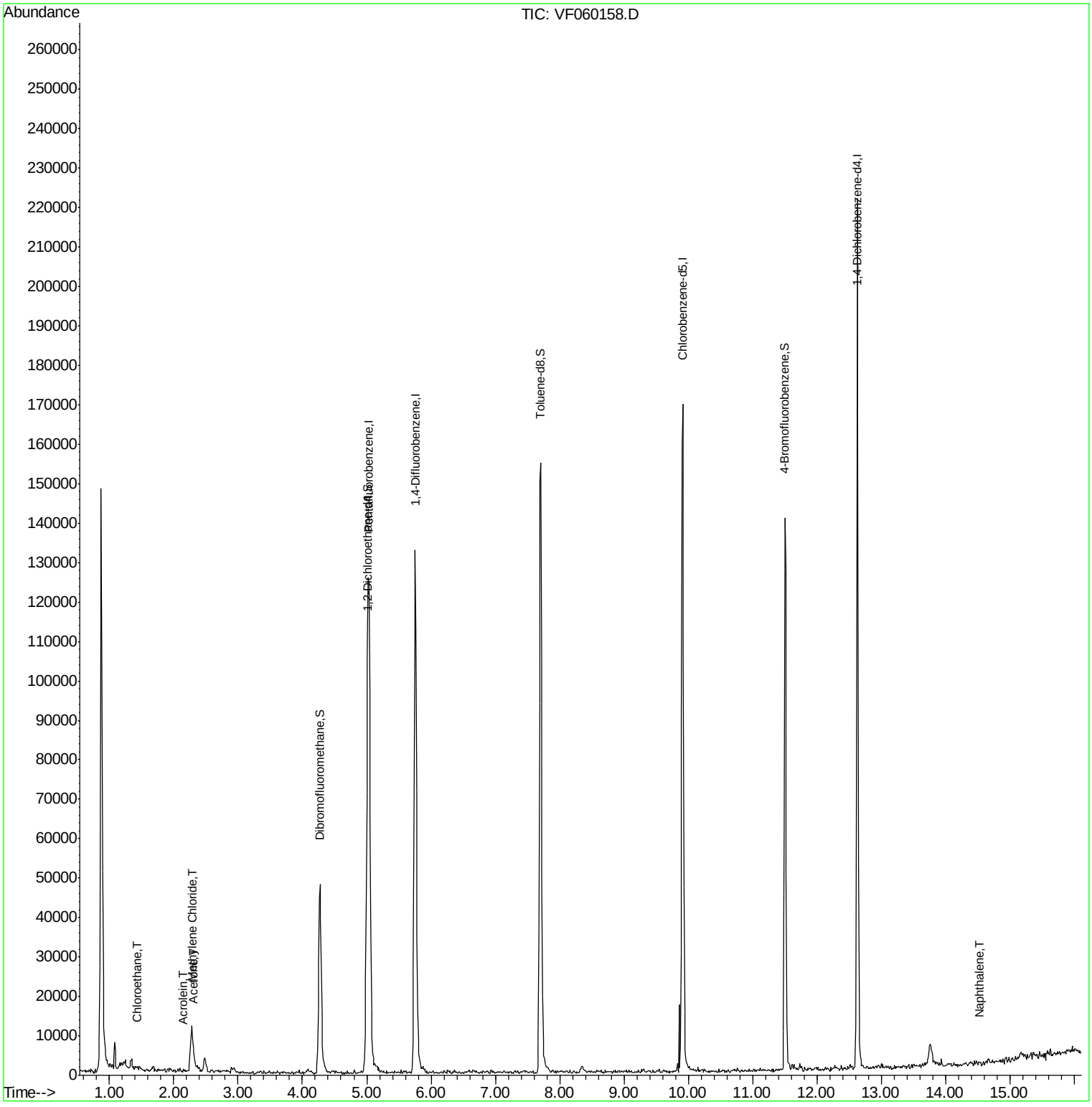
(#) = qualifier out of range (m) = manual integration (+) = signals summed

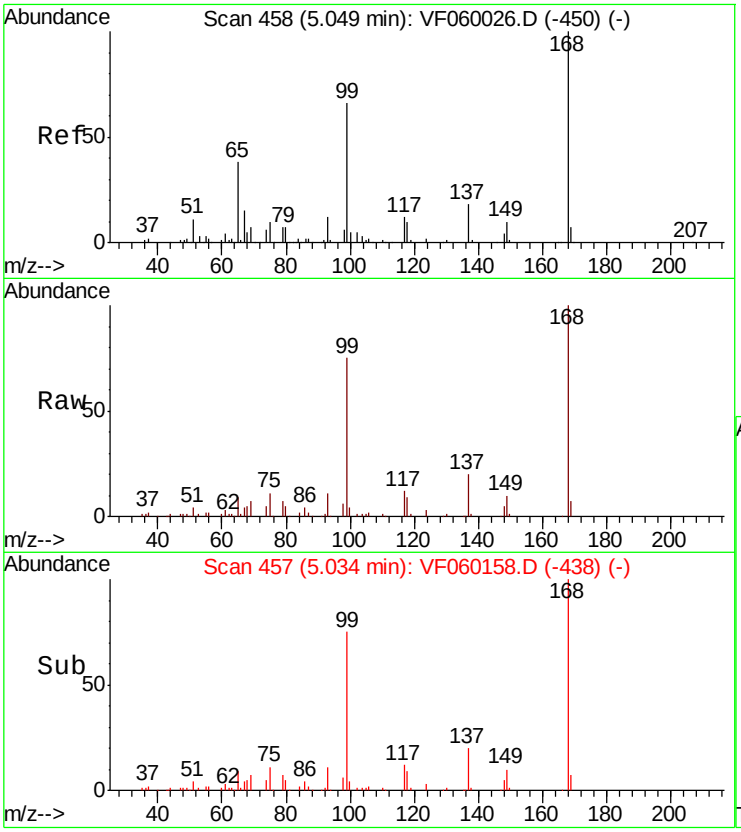
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082818\
Data File : VF060158.D
Acq On : 28 Aug 2018 19:03
Operator : VA/AP
Sample : J4646-08RE
Misc : 5.53g/5mL/MSVOA_F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B7RE

Quant Time: Aug 29 01:17:42 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



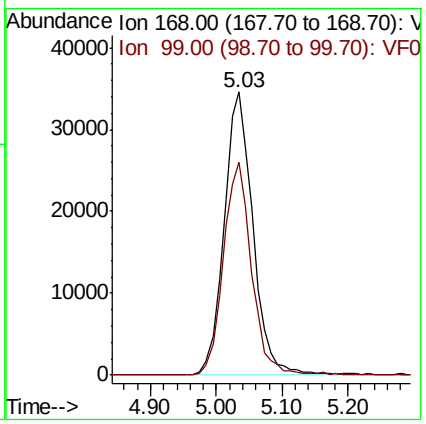


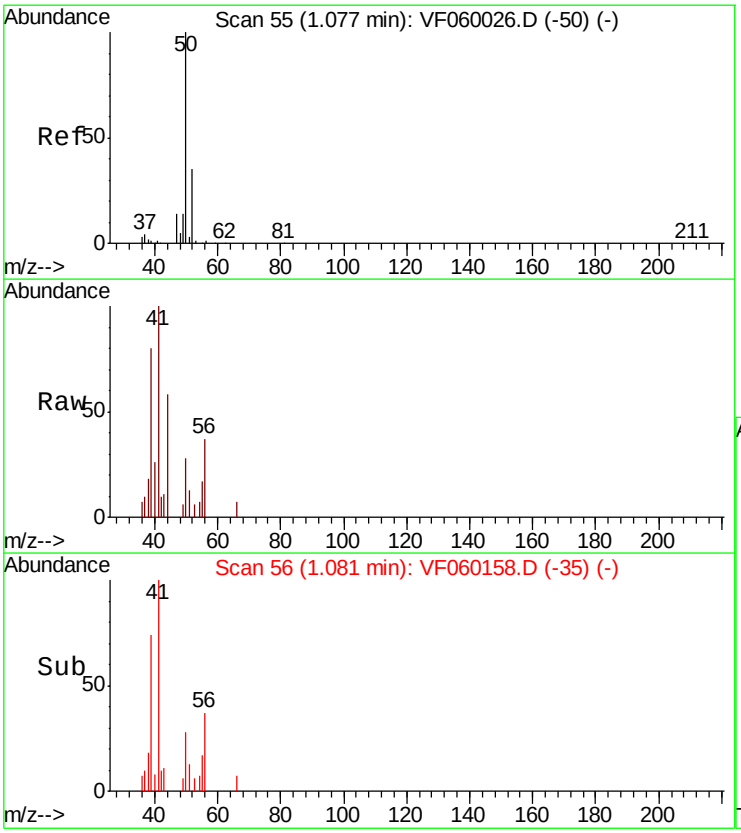
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.02 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B7RE

Tgt Ion:168 Resp: 105888

Ion	Ratio	Lower	Upper
168	100		
99	75.3	52.6	79.0

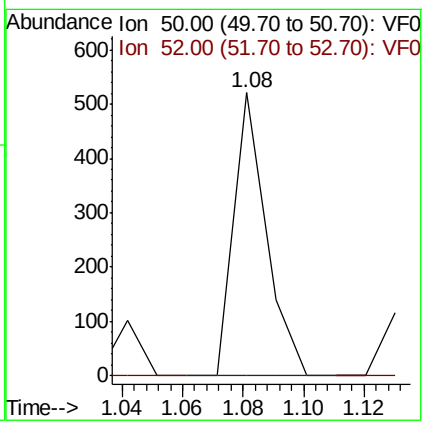


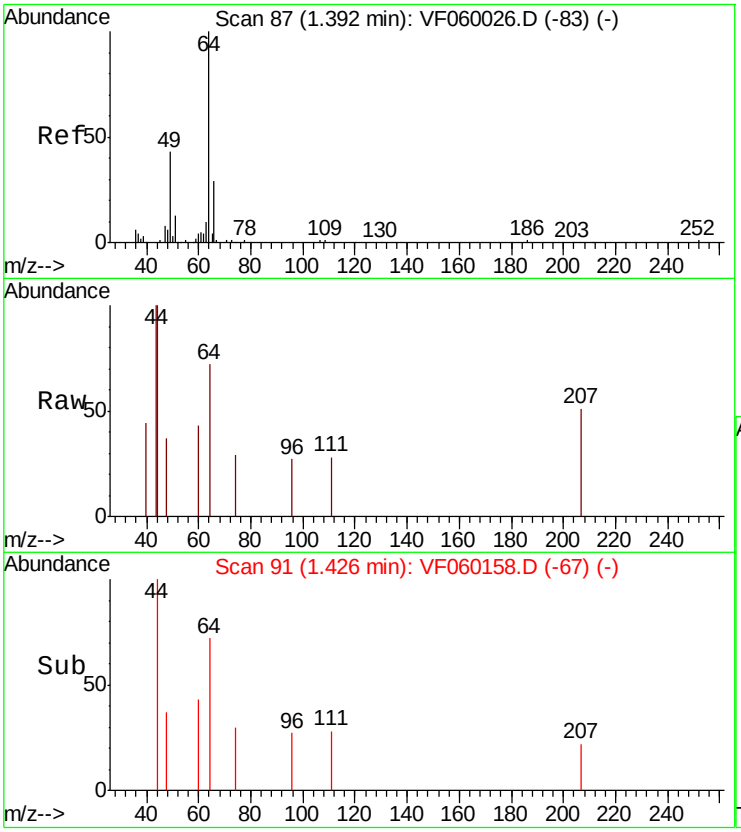


#3
Chloromethane
Concen: Below Cal
RT: 1.08 min Scan# 56
Delta R.T. 0.01 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Tgt Ion: 50 Resp: 390

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.6	41.4#



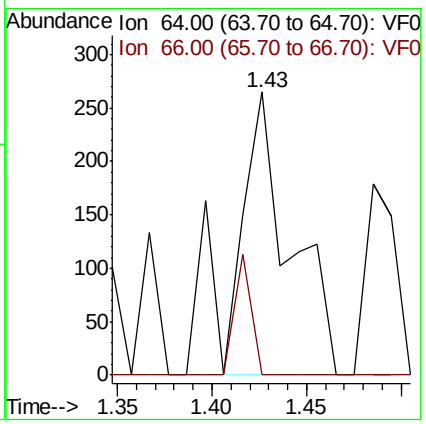


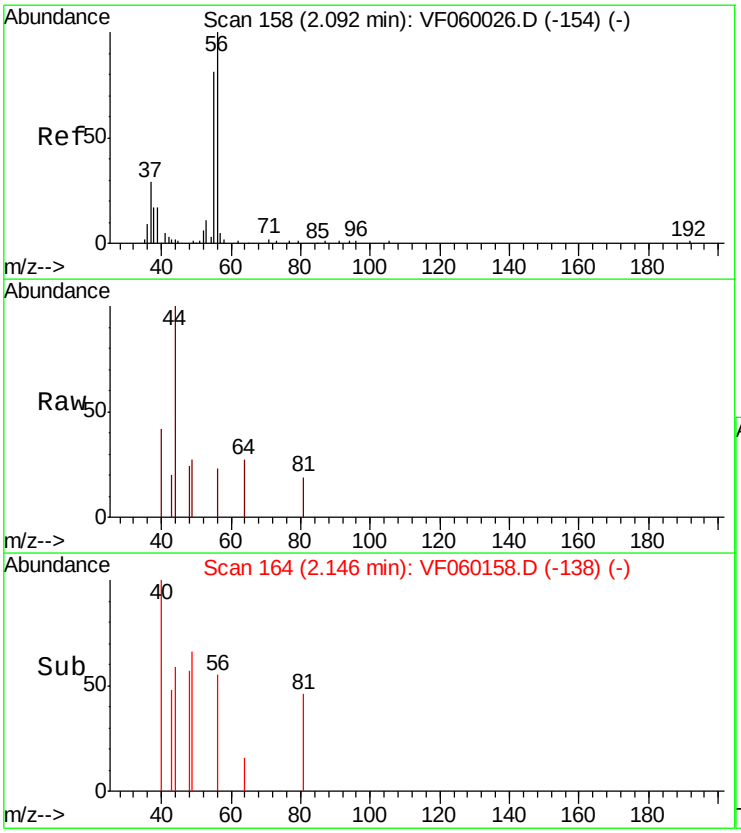
#6
Chloroethane
Concen: 1.59 ug/l
RT: 1.43 min Scan# 91
Delta R.T. 0.03 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-B7RE

Tgt Ion: 64 Resp: 544

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.1	36.1#

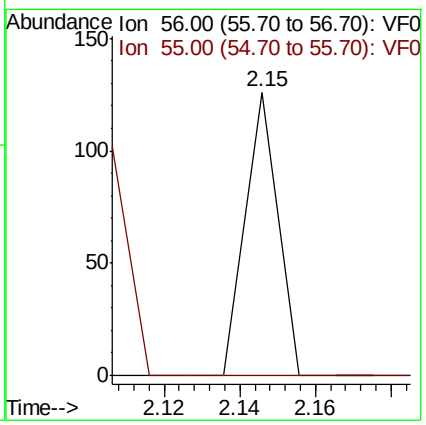


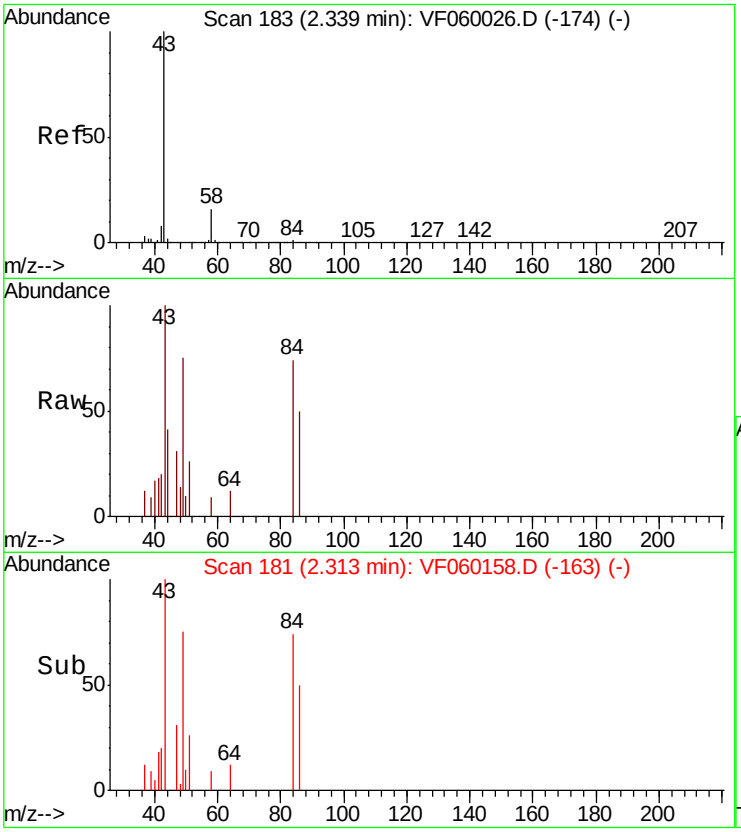


#13
Acrolein
Concen: 27.75 ug/l
RT: 2.15 min Scan# 164
Delta R.T. 0.05 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Tgt Ion: 56 Resp: 75

Ion	Ratio	Lower	Upper
56	100		
55	0.0	65.6	98.4#



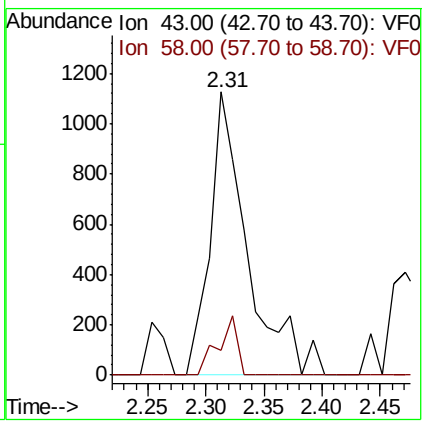


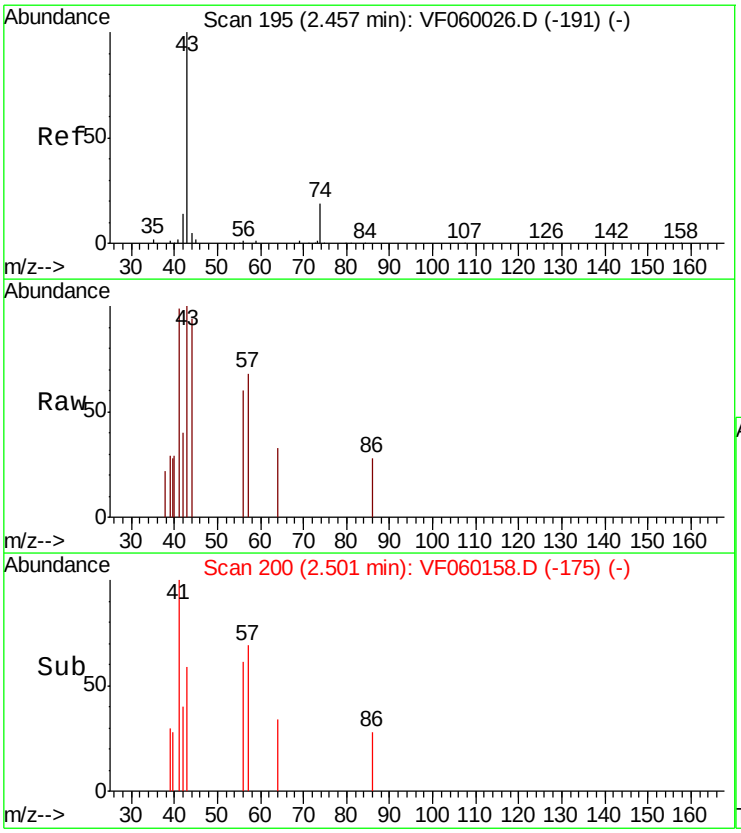
#16
Acetone
Concen: 6.58 ug/l
RT: 2.31 min Scan# 181
Delta R.T. -0.03 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-B7RE

Tgt Ion: 43 Resp: 2508

Ion	Ratio	Lower	Upper
43	100		
58	9.0	12.6	19.0#

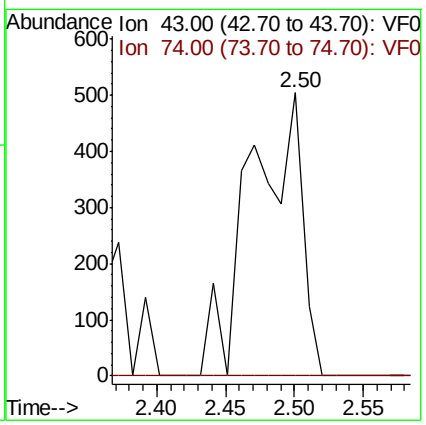


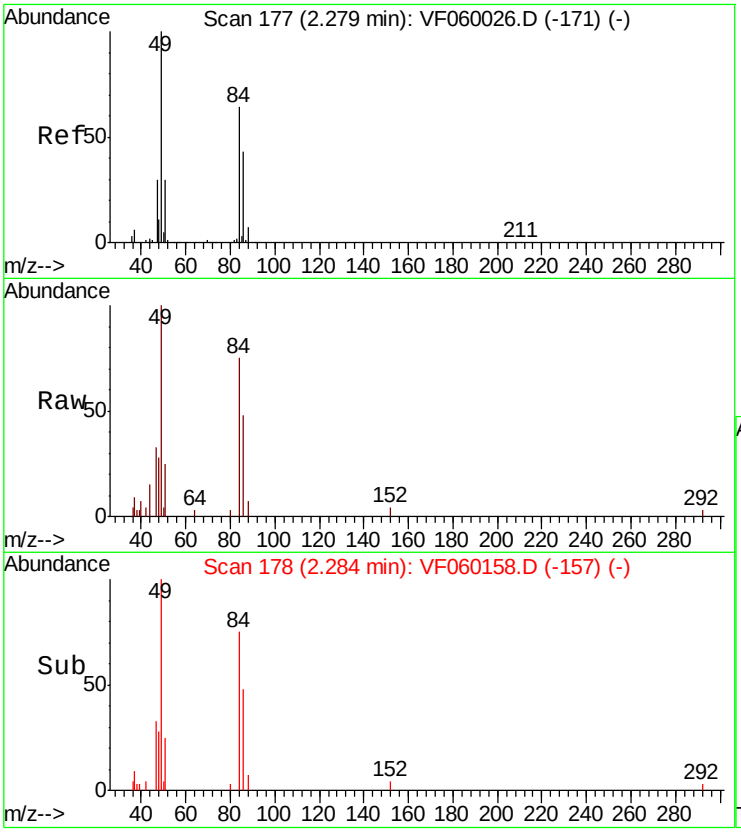


#18
Methyl Acetate
Concen: Below Cal
RT: 2.50 min Scan# 200
Delta R.T. 0.04 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Tgt Ion: 43 Resp: 1312

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.6#



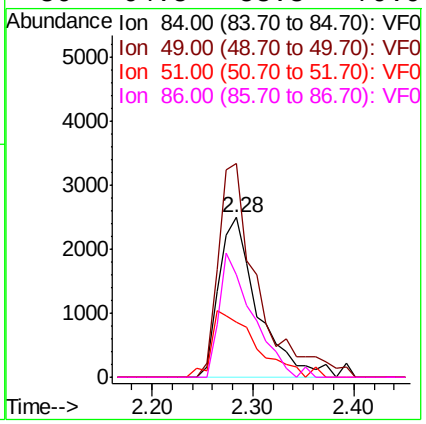


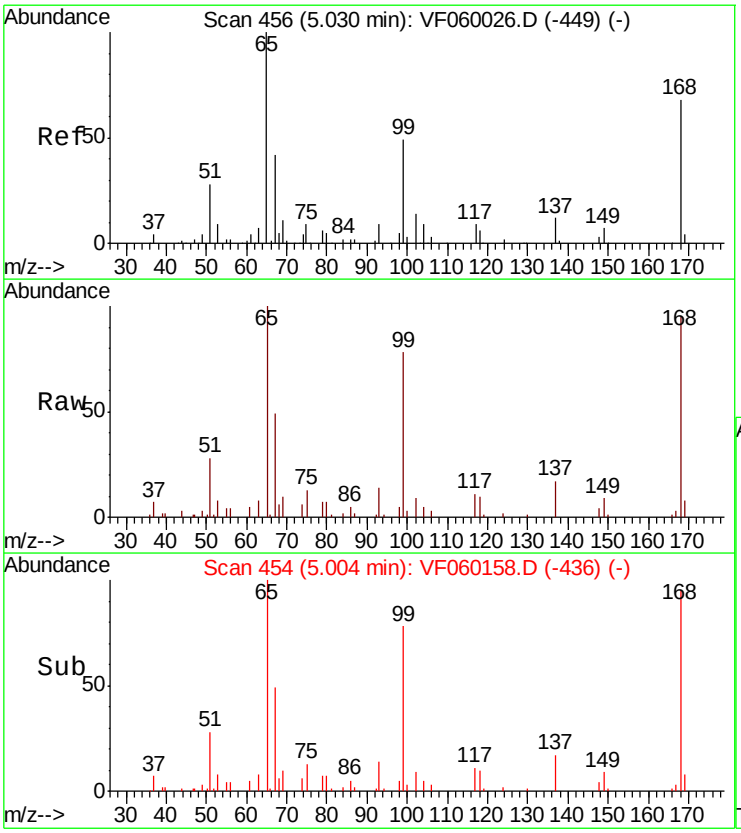
#20
Methylene Chloride
Concen: 4.25 ug/l
RT: 2.28 min Scan# 178
Delta R.T. 0.00 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-B7RE

Tgt Ion: 84 Resp: 6706

Ion	Ratio	Lower	Upper
84	100		
49	133.9	125.4	188.0
51	34.1	38.3	57.5#
86	64.5	53.3	79.9

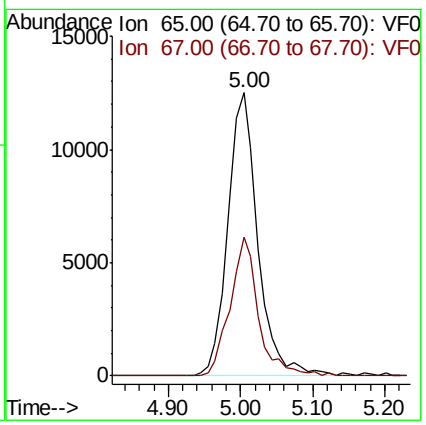


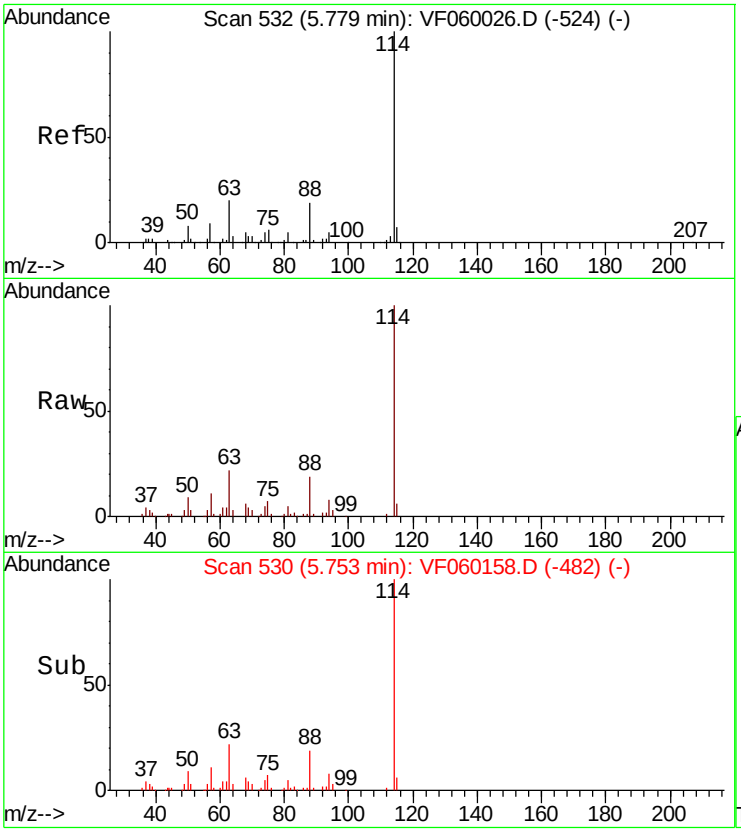


#33
1,2-Dichloroethane-d4
Concen: 24.98 ug/l
RT: 5.00 min Scan# 454
Delta R.T. -0.03 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Tgt Ion: 65 Resp: 36197

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	92.0



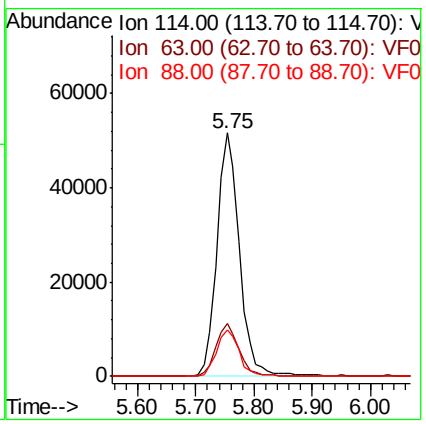


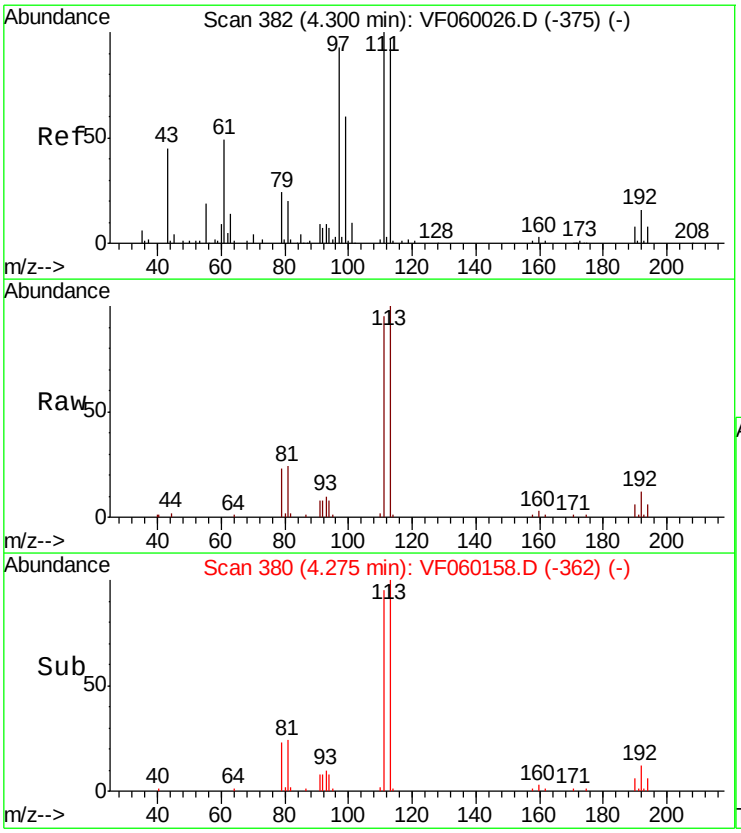
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.03 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B7RE

Tgt Ion:114 Resp: 138069

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	40.4
88	19.1	0.0	38.6

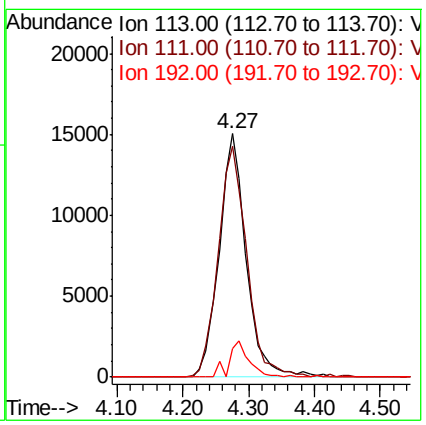


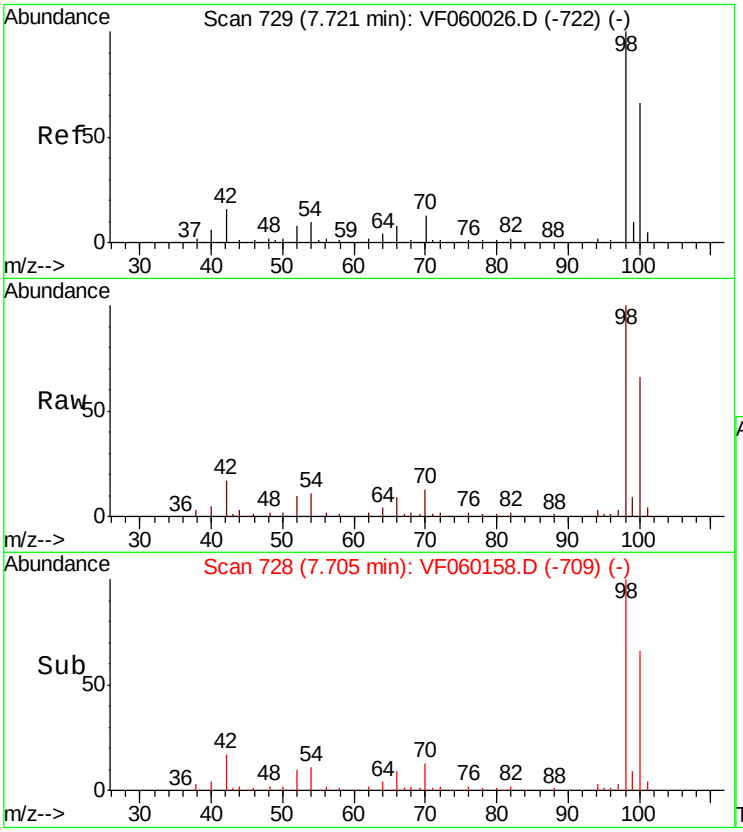


#35
Dibromofluoromethane
Concen: 39.77 ug/l
RT: 4.27 min Scan# 380
Delta R.T. -0.03 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Tgt Ion:113 Resp: 43113

Ion	Ratio	Lower	Upper
113	100		
111	95.0	82.7	124.1
192	11.6	13.0	19.4#



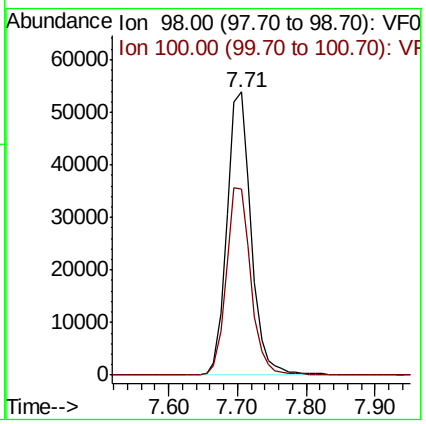


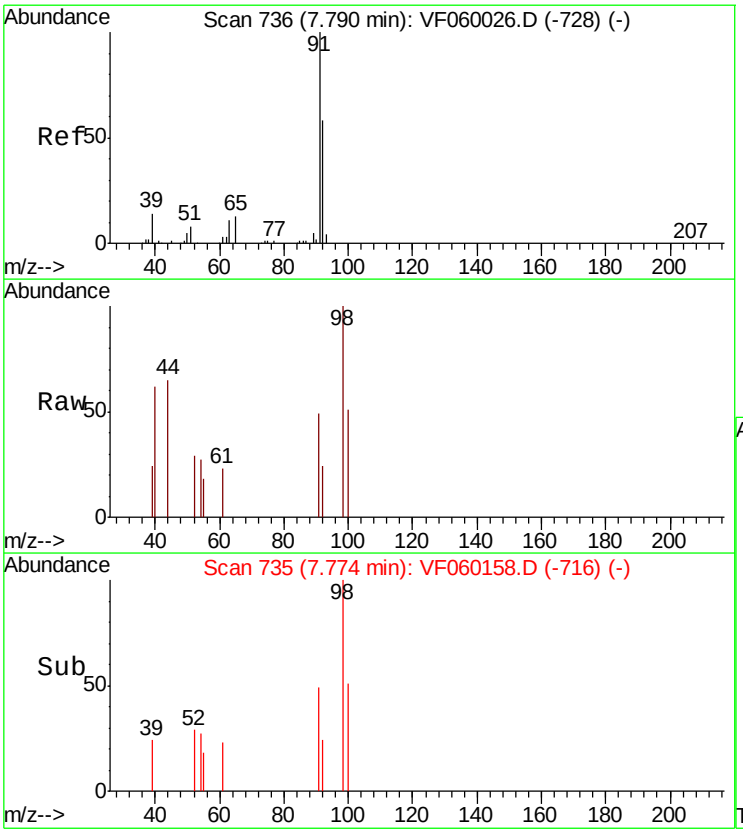
#50
Toluene-d8
Concen: 42.45 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B7RE

Tgt Ion: 98 Resp: 130705

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.2	79.8

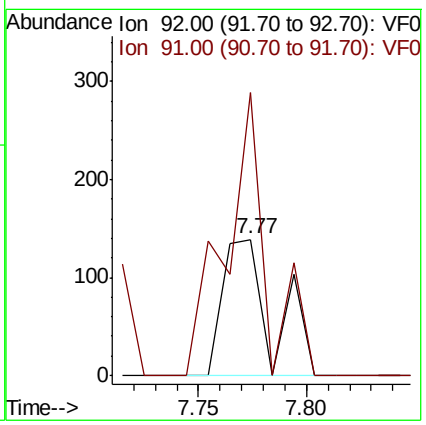


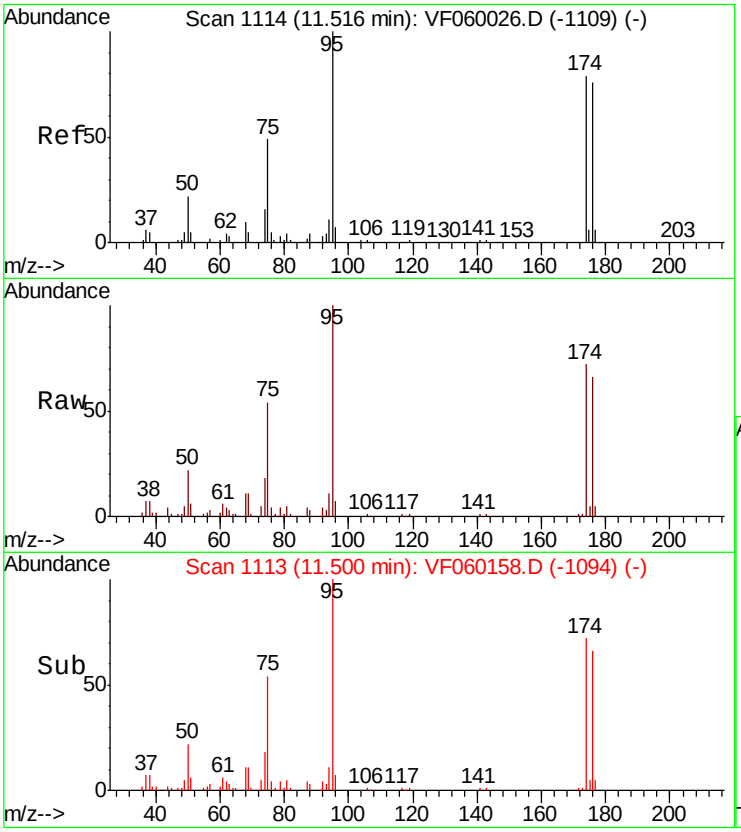


#52
Toluene
Concen: Below Cal
RT: 7.77 min Scan# 735
Delta R.T. -0.01 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Tgt Ion: 92 Resp: 223

Ion	Ratio	Lower	Upper
92	100		
91	207.2	137.7	206.5#



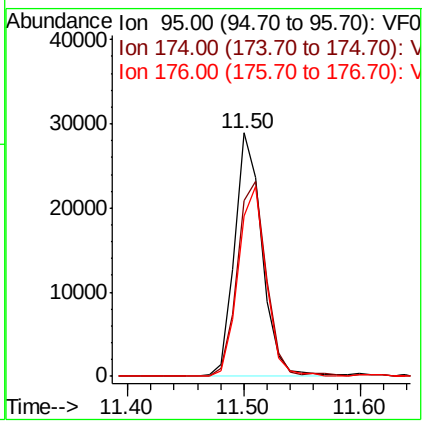


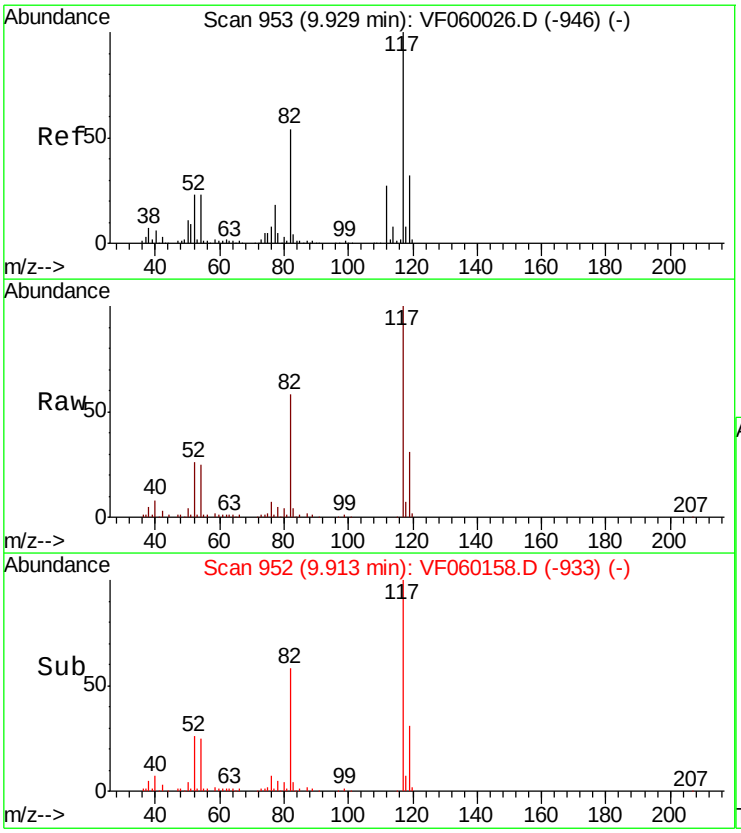
#62
4-Bromofluorobenzene
Concen: 29.18 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-B7RE

Tgt Ion: 95 Resp: 47530

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	158.4
176	66.0	0.0	153.0

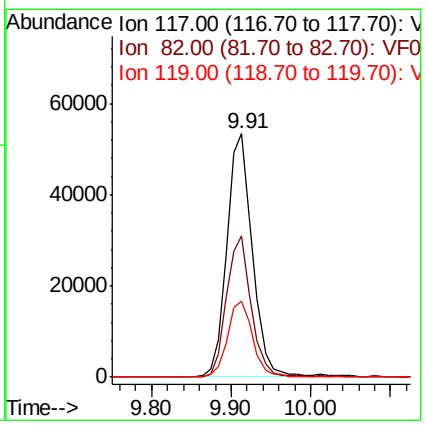


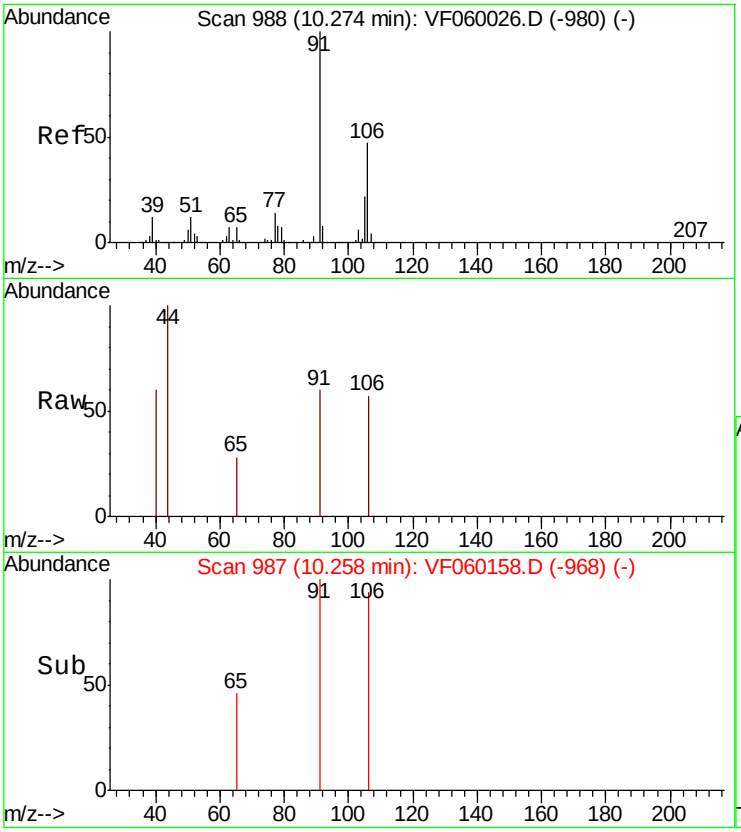


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Tgt Ion:117 Resp: 120391

Ion	Ratio	Lower	Upper
117	100		
82	58.2	43.6	65.4
119	31.1	25.6	38.4



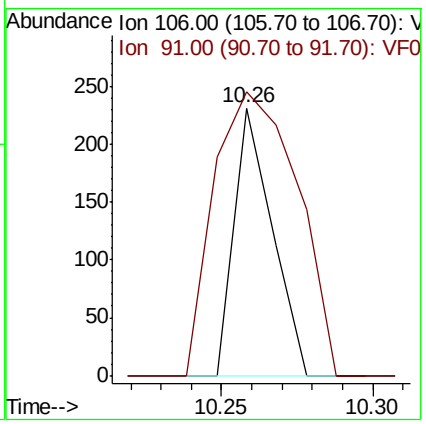


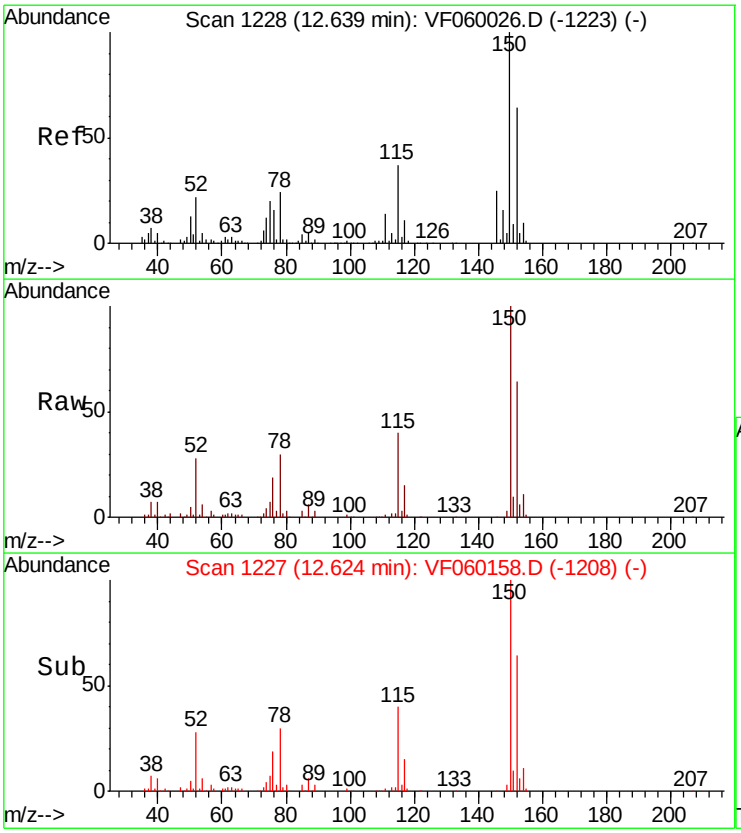
#68
m/p-Xylenes
Concen: Below Cal
RT: 10.26 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B7RE

Tgt Ion:106 Resp: 203

Ion	Ratio	Lower	Upper
106	100		
91	106.1	171.8	257.8#

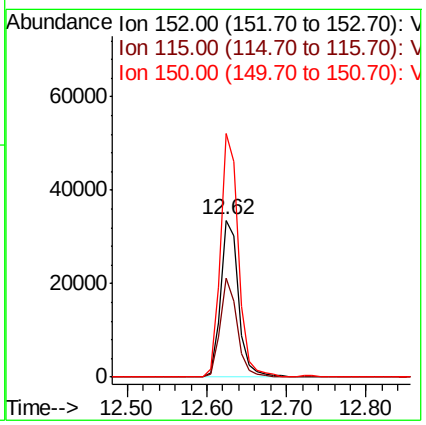


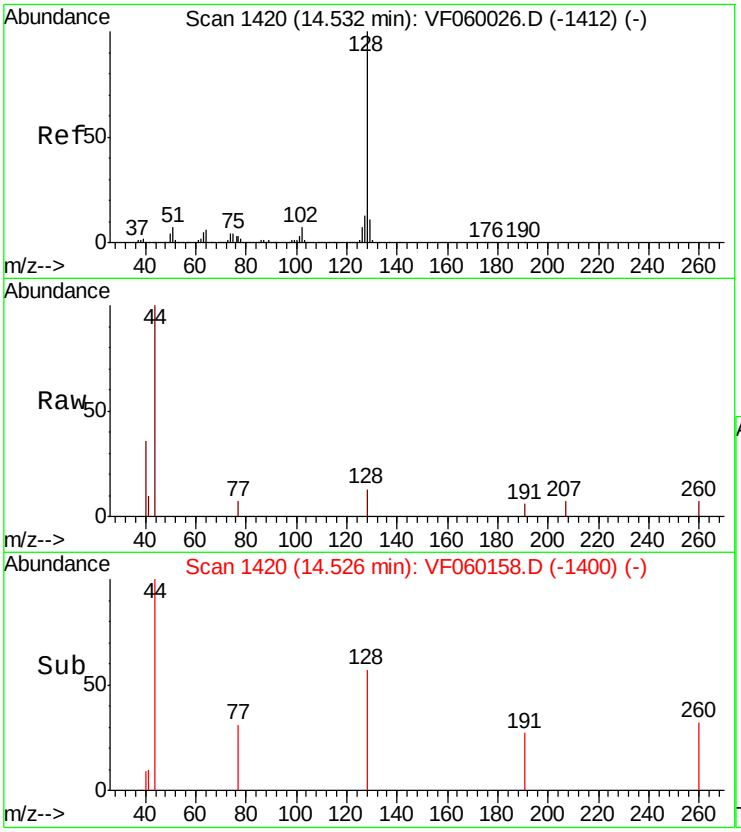


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Tgt Ion:152 Resp: 53725

Ion	Ratio	Lower	Upper
152	100		
115	62.8	28.6	85.9
150	155.4	0.0	312.0





#95
Naphthalene
Concen: 2.35 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VF060158.D
Acq: 28 Aug 2018 19:03

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B7RE

Tgt Ion:128 Resp: 140

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.5	12.7#