Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082818\
Data File : VF060157.D
Acq On : 28 Aug 2018 18:35
Operator : VA/AP
Sample : J4646-07RE
Misc : 5.29g/5mL/MSVOA_F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-B6RE

Quant Time: Aug 29 01:17:29 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	109041	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	136295	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	107892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	55318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	33236	22.27	ug/l	-0.02
Spiked Amount 50.000			Recovery = 44.54%			
35) Dibromofluoromethane	4.28	113	40642	37.97	ug/l	-0.02
Spiked Amount 50.000			Recovery = 75.94%			
50) Toluene-d8	7.70	98	134767	44.34	ug/l	-0.02
Spiked Amount 50.000			Recovery = 88.68%			
62) 4-Bromofluorobenzene	11.51	95	49323	30.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.34%			
Target Compounds						Qvalue
3) Chloromethane	1.09	50	469	Below Cal	#	40
13) Acrolein	2.23	56	81	27.82	ug/l #	8
16) Acetone	2.32	43	2297	5.86	ug/l #	86
18) Methyl Acetate	2.48	43	1702	Below Cal	#	60
20) Methylene Chloride	2.29	84	4662	1.01	ug/l #	85
39) Methylcyclohexane	5.76	83	2591	2.16	ug/l #	61
49) 1,4-Dioxane	6.54	88	61	9.96	ug/l #	18
52) Toluene	7.78	92	1214	Below Cal		85
58) 2-Chloroethyl Vinyl ether	7.78	63	180	2.48	ug/l	100
59) 2-Hexanone	9.61	43	680	1.01	ug/l #	30
68) m/p-Xylenes	10.26	106	344	Below Cal	#	42
95) Naphthalene	14.52	128	487	2.51	ug/l #	69

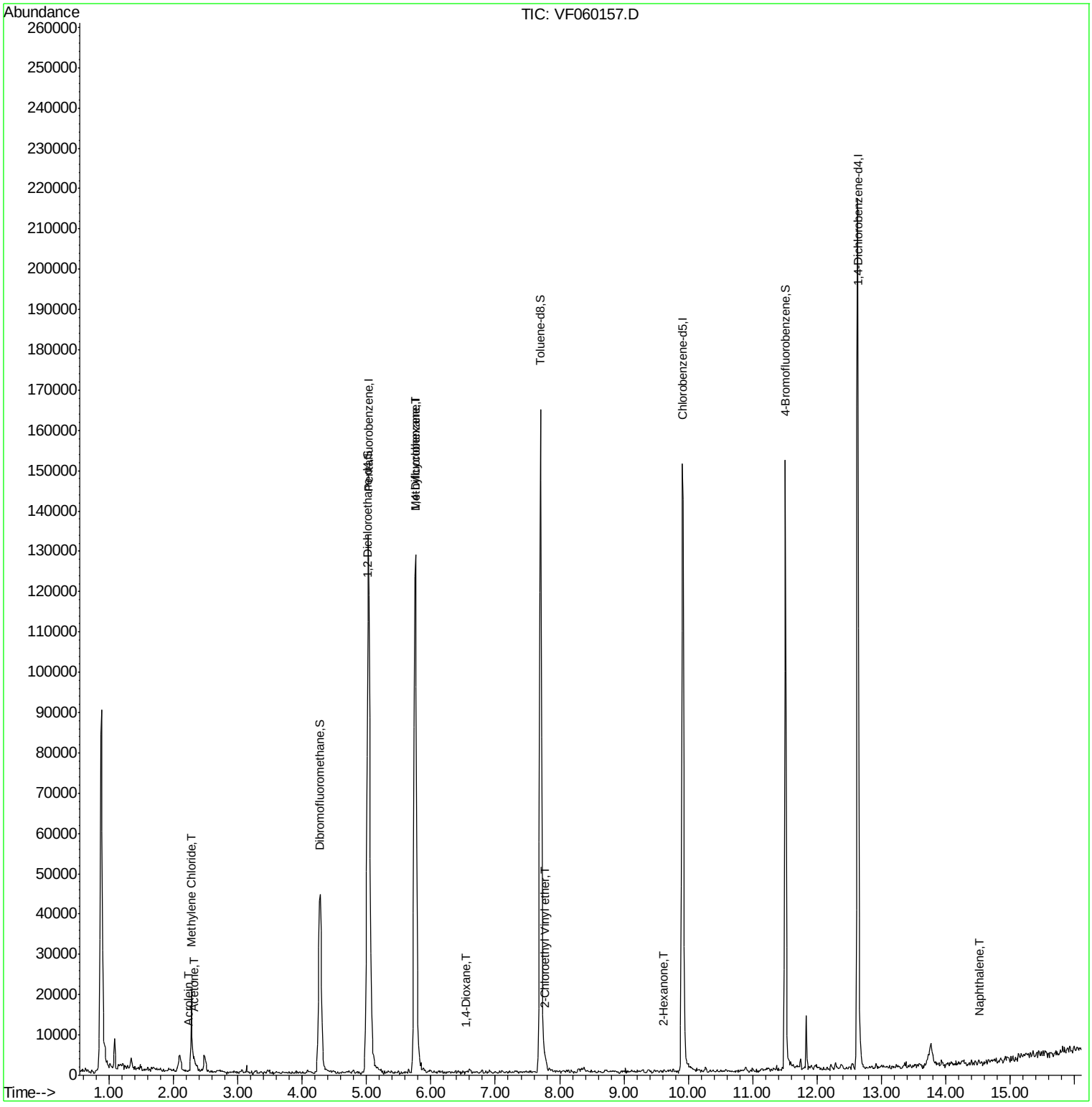
(#) = qualifier out of range (m) = manual integration (+) = signals summed

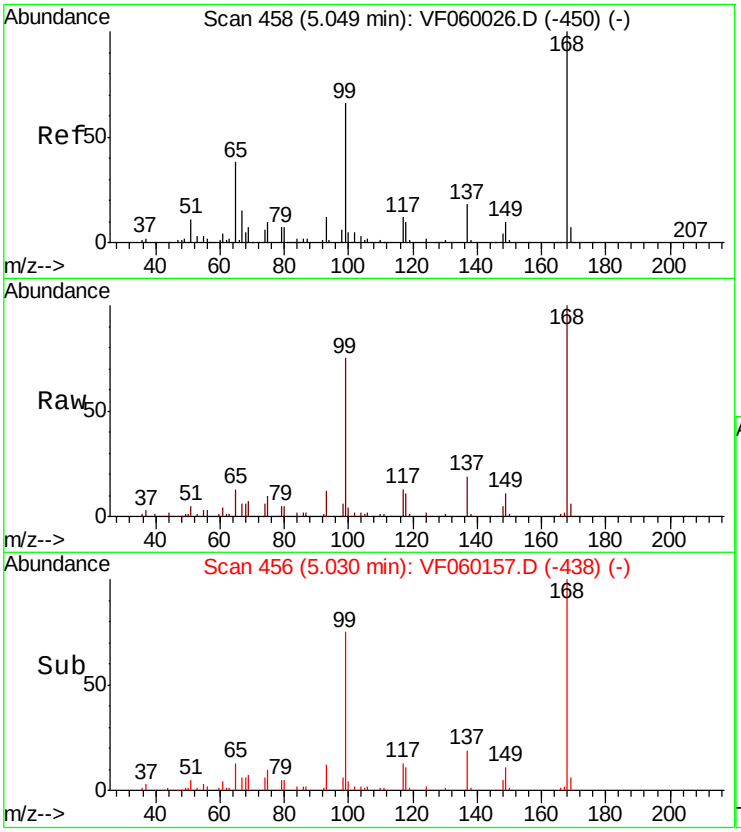
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082818\
Data File : VF060157.D
Acq On : 28 Aug 2018 18:35
Operator : VA/AP
Sample : J4646-07RE
Misc : 5.29g/5mL/MSVOA_F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B6RE

Quant Time: Aug 29 01:17:29 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



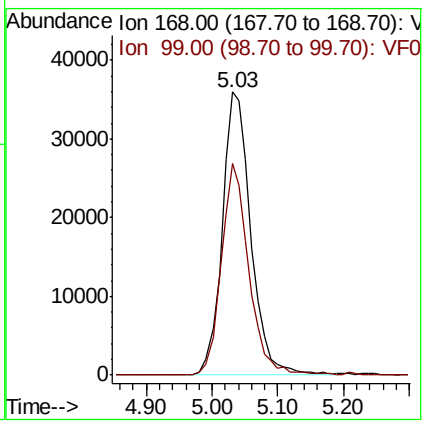


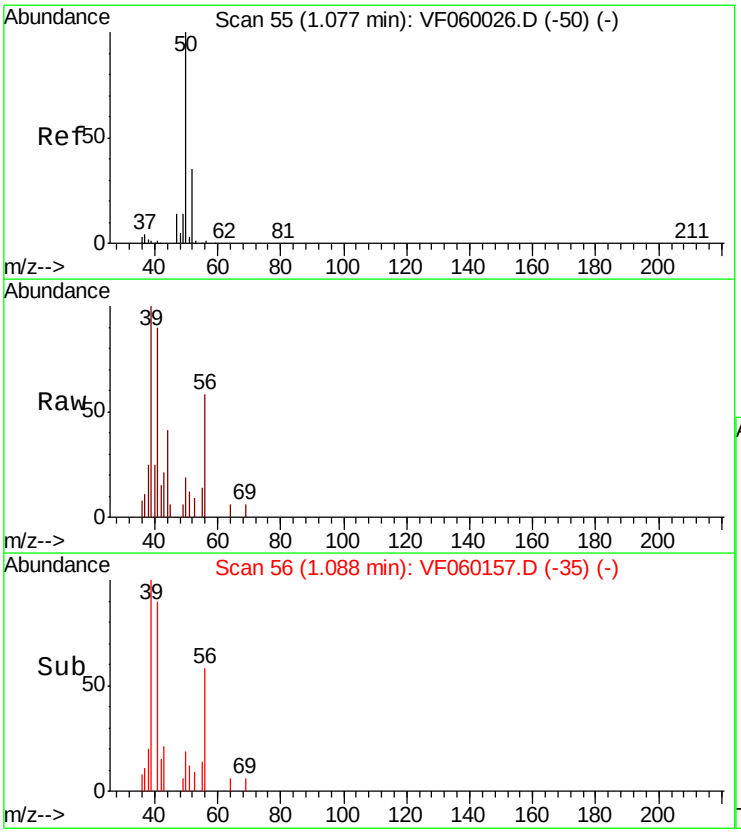
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.02 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B6RE

Tgt Ion:168 Resp: 109041

Ion	Ratio	Lower	Upper
168	100		
99	74.9	52.6	79.0

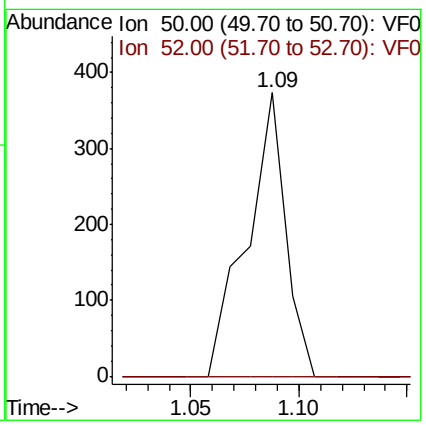


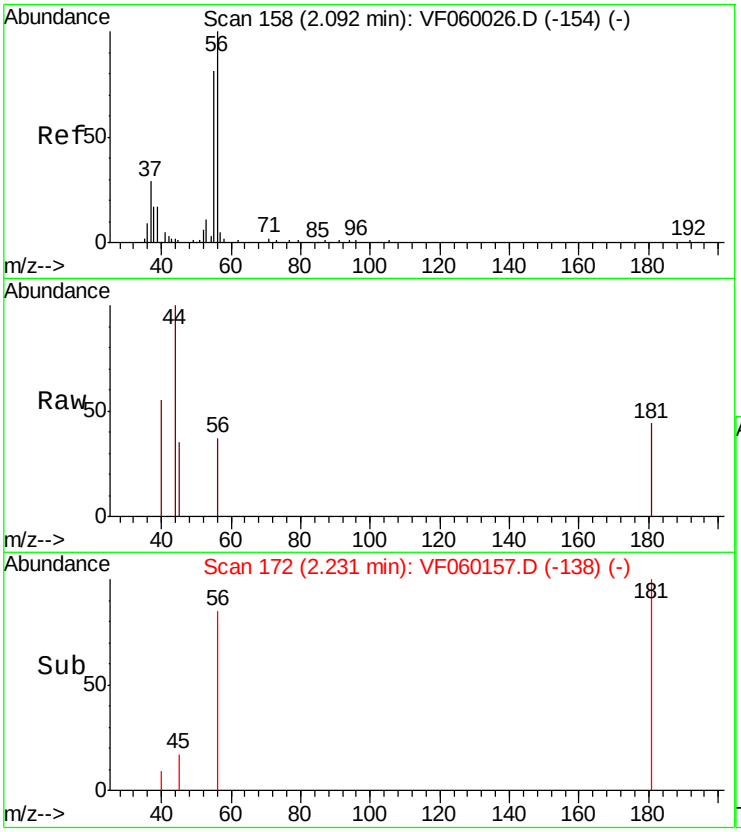


#3
Chloromethane
Concen: Below Cal
RT: 1.09 min Scan# 56
Delta R.T. 0.01 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Tgt Ion: 50 Resp: 469

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.6	41.4#



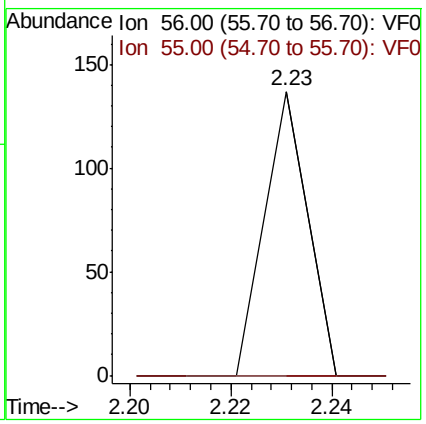


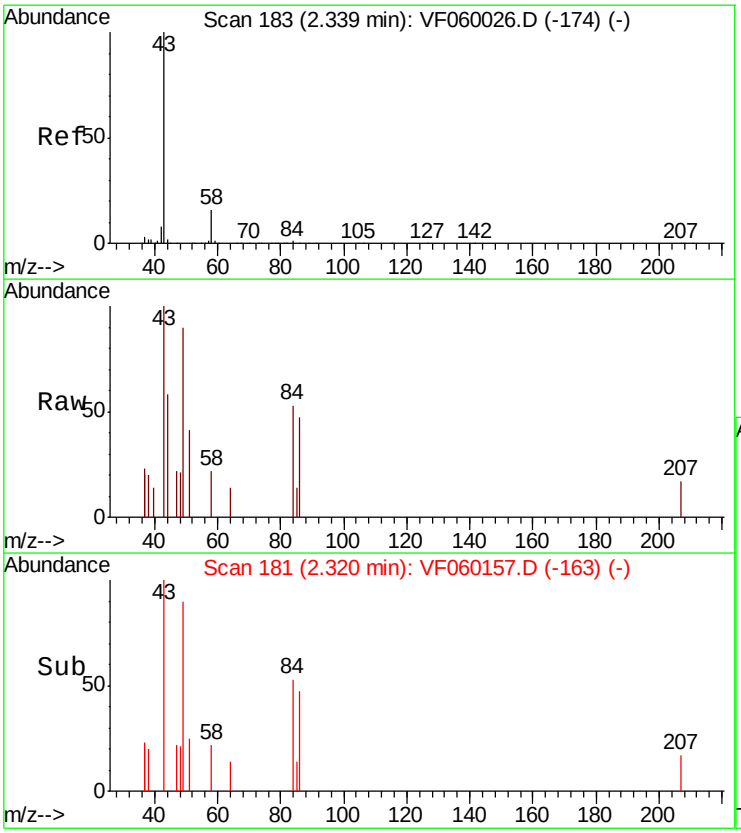
#13
Acrolein
Concen: 27.82 ug/l
RT: 2.23 min Scan# 172
Delta R.T. 0.14 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-B6RE

Tgt Ion: 56 Resp: 81

Ion	Ratio	Lower	Upper
56	100		
55	0.0	65.6	98.4#

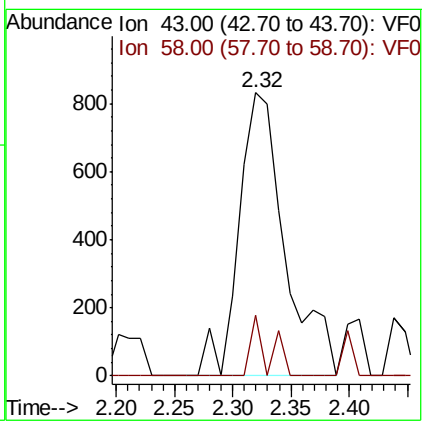


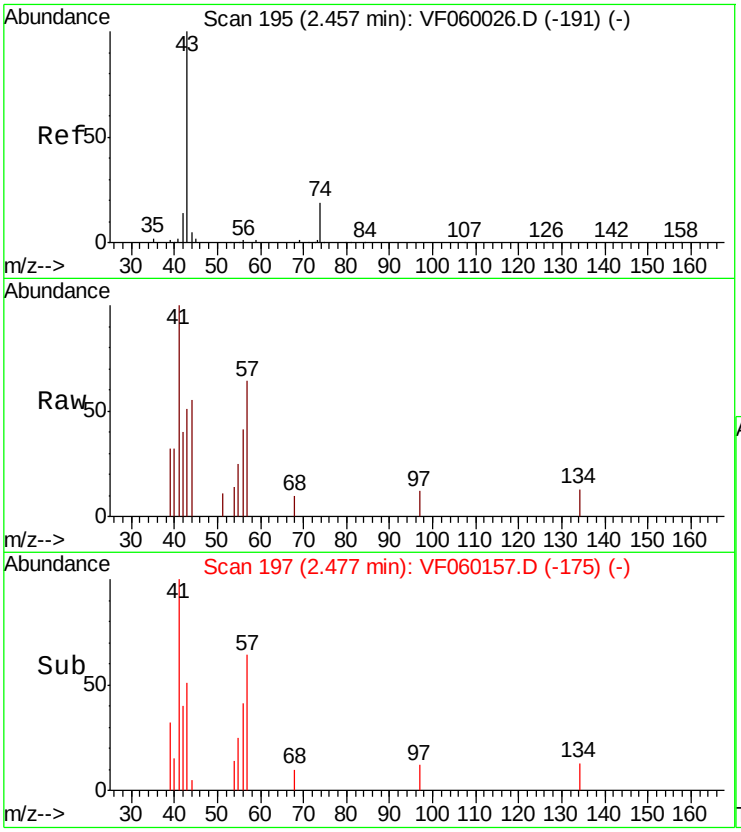


#16
Acetone
Concen: 5.86 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.02 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Tgt Ion: 43 Resp: 2297

Ion	Ratio	Lower	Upper
43	100		
58	21.6	12.6	19.0#



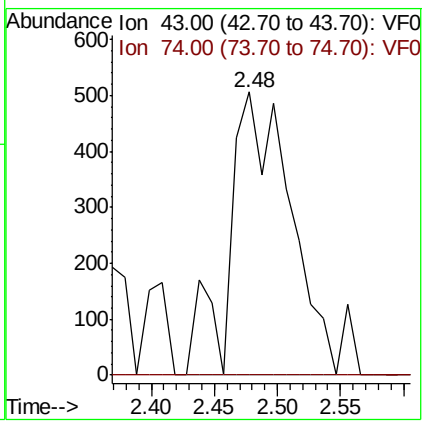


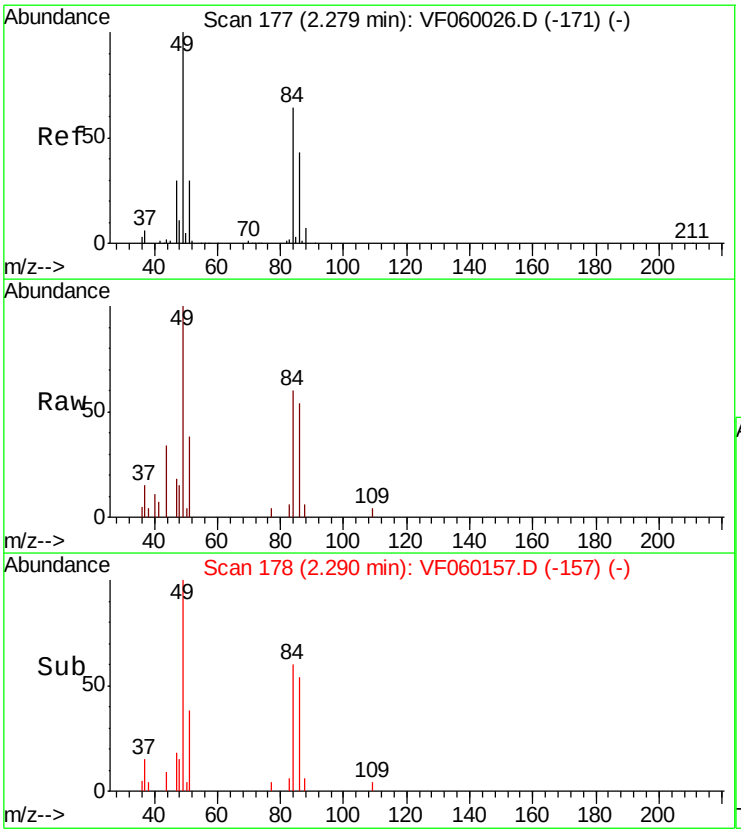
#18
Methyl Acetate
Concen: Below Cal
RT: 2.48 min Scan# 197
Delta R.T. 0.02 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-B6RE

Tgt Ion: 43 Resp: 1702

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.6#

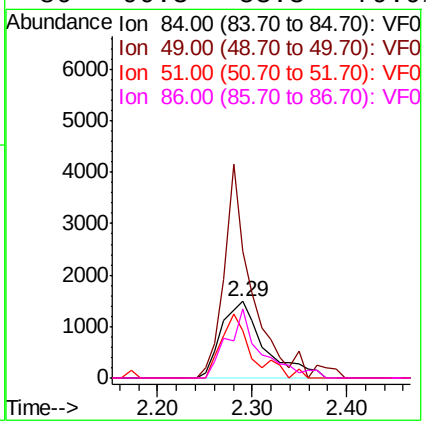


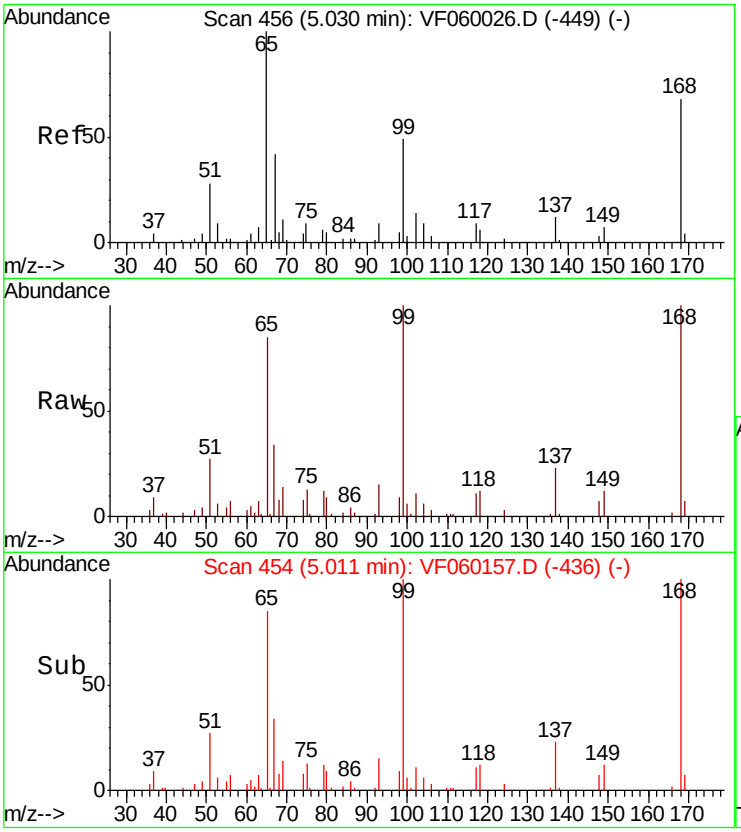


#20
Methylene Chloride
Concen: 1.01 ug/l
RT: 2.29 min Scan# 178
Delta R.T. 0.01 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Tgt Ion: 84 Resp: 4662

Ion	Ratio	Lower	Upper
84	100		
49	165.7	125.4	188.0
51	62.3	38.3	57.5#
86	90.3	53.3	79.9#



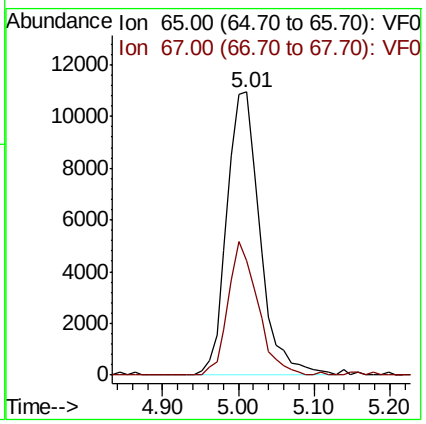


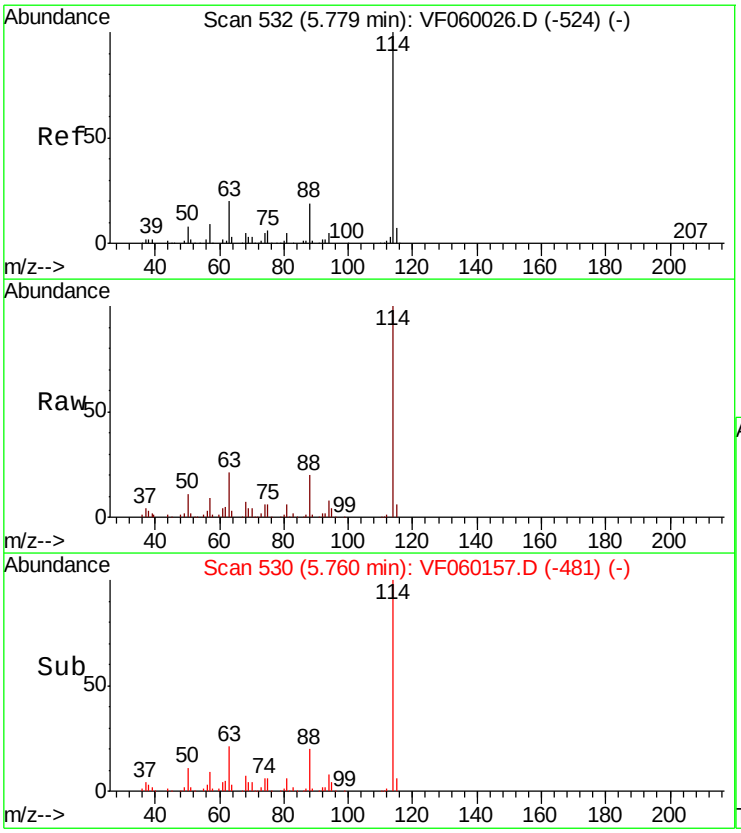
#33
1,2-Dichloroethane-d4
Concen: 22.27 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.02 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B6RE

Tgt Ion: 65 Resp: 33236

Ion	Ratio	Lower	Upper
65	100		
67	40.4	0.0	92.0

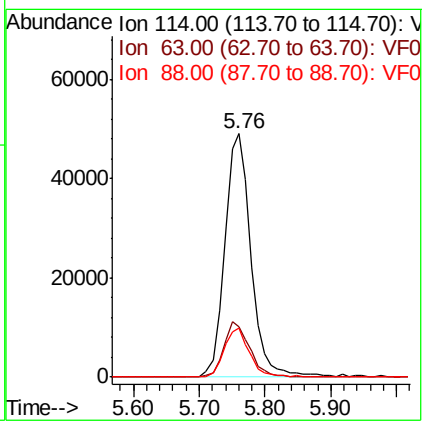


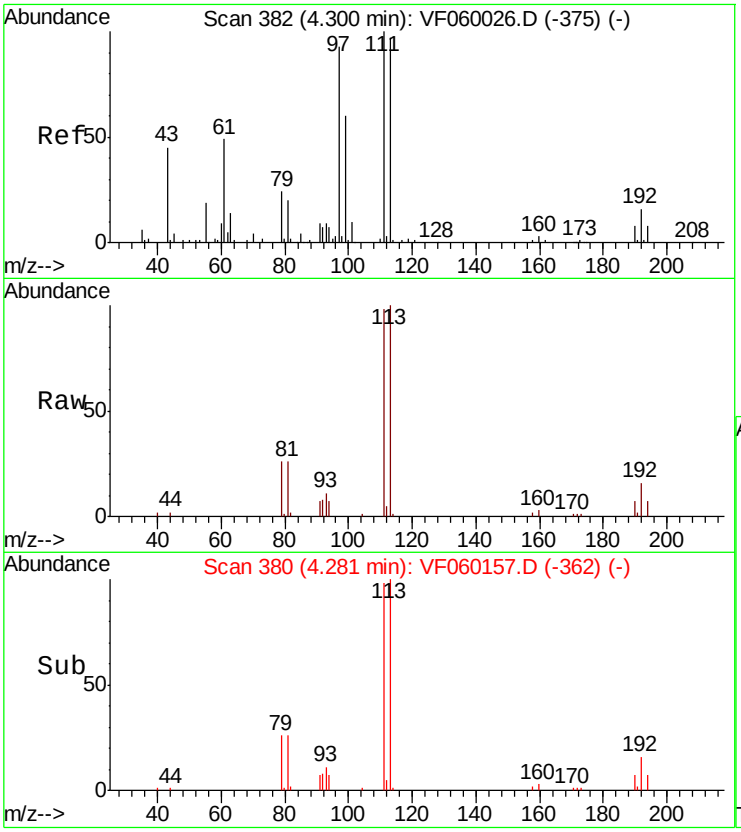


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.76 min Scan# 530
Delta R.T. -0.02 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Tgt Ion:114 Resp: 136295

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.4
88	20.0	0.0	38.6



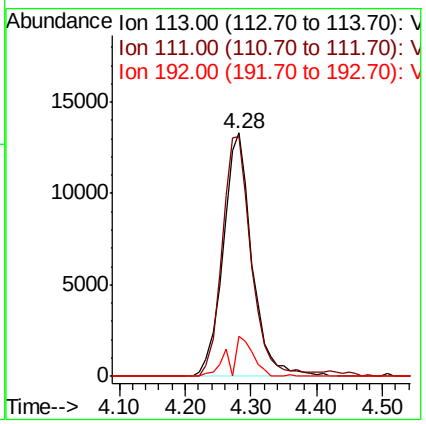


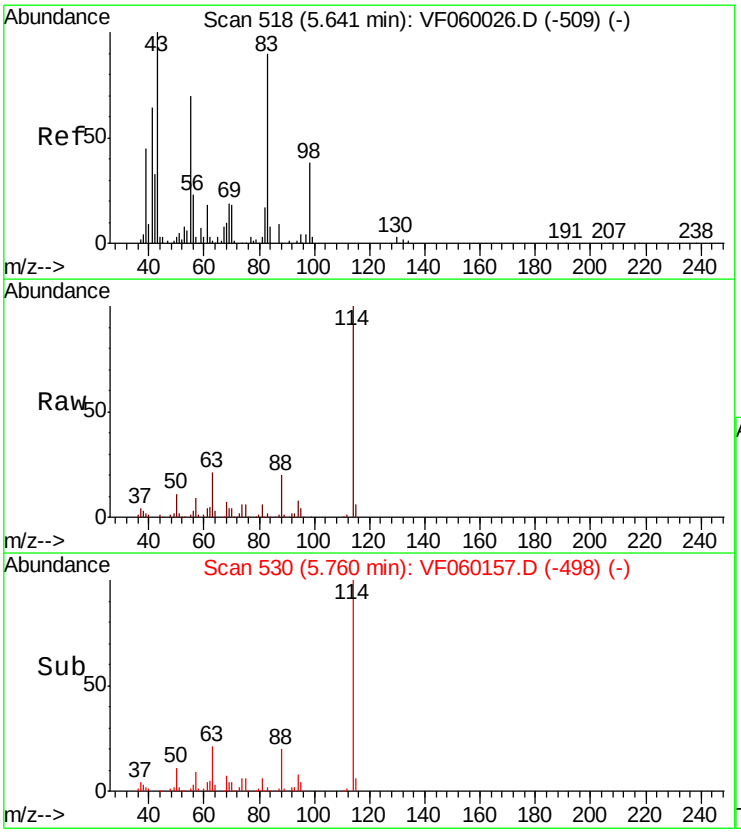
#35
Dibromofluoromethane
Concen: 37.97 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B6RE

Tgt Ion:113 Resp: 40642

Ion	Ratio	Lower	Upper
113	100		
111	98.3	82.7	124.1
192	16.4	13.0	19.4

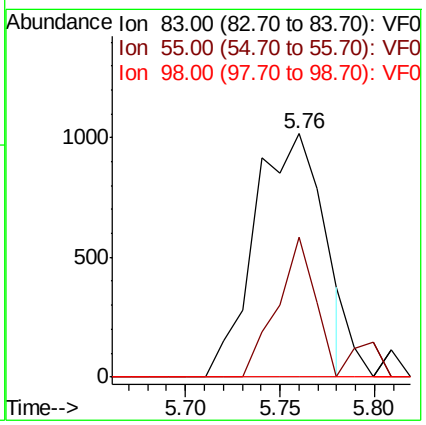


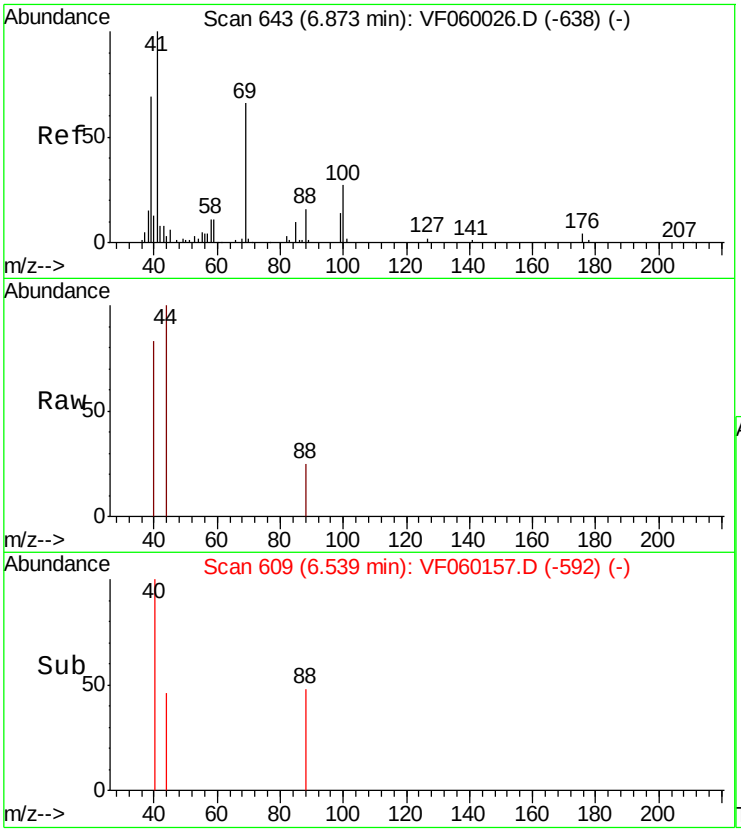


#39
Methylcyclohexane
Concen: 2.16 ug/l
RT: 5.76 min Scan# 530
Delta R.T. 0.12 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Tgt Ion: 83 Resp: 2591

Ion	Ratio	Lower	Upper
83	100		
55	57.2	62.7	94.1#
98	0.0	33.8	50.8#



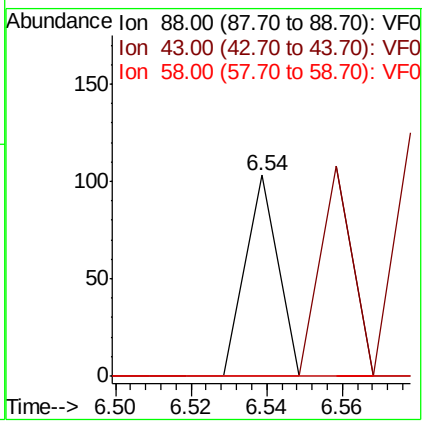


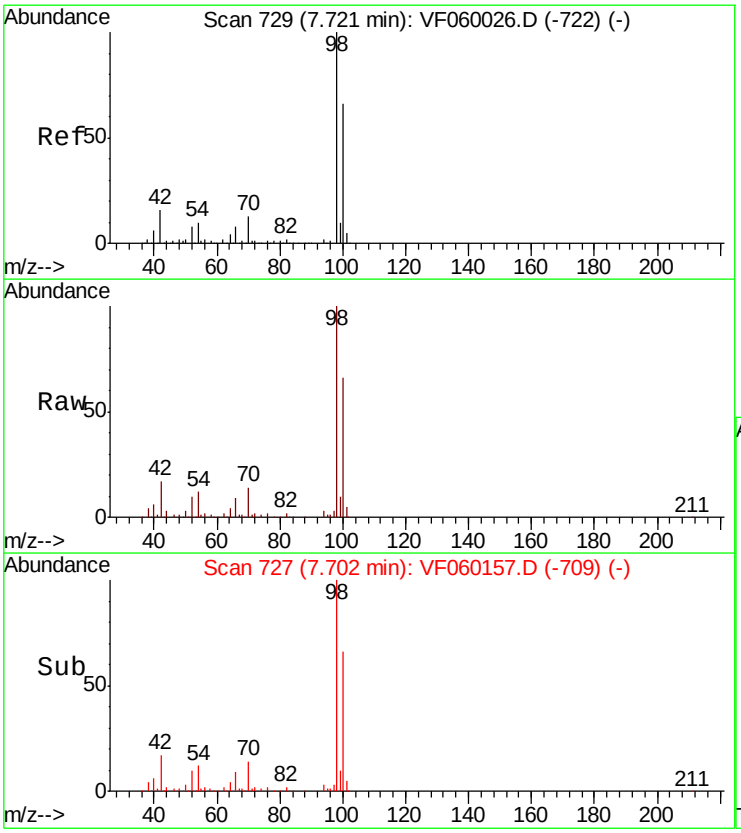
#49
1,4-Dioxane
Concen: 9.96 ug/l
RT: 6.54 min Scan# 609
Delta R.T. -0.33 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B6RE

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	0.0	46.5	69.7#
58	0.0	54.8	82.2#

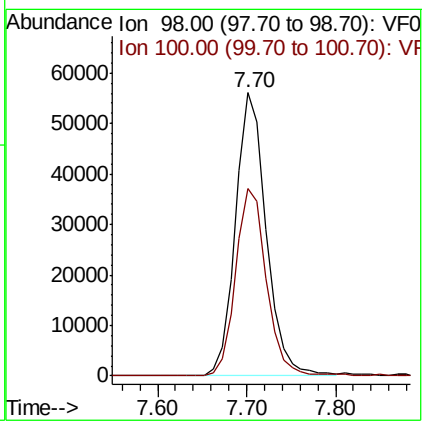


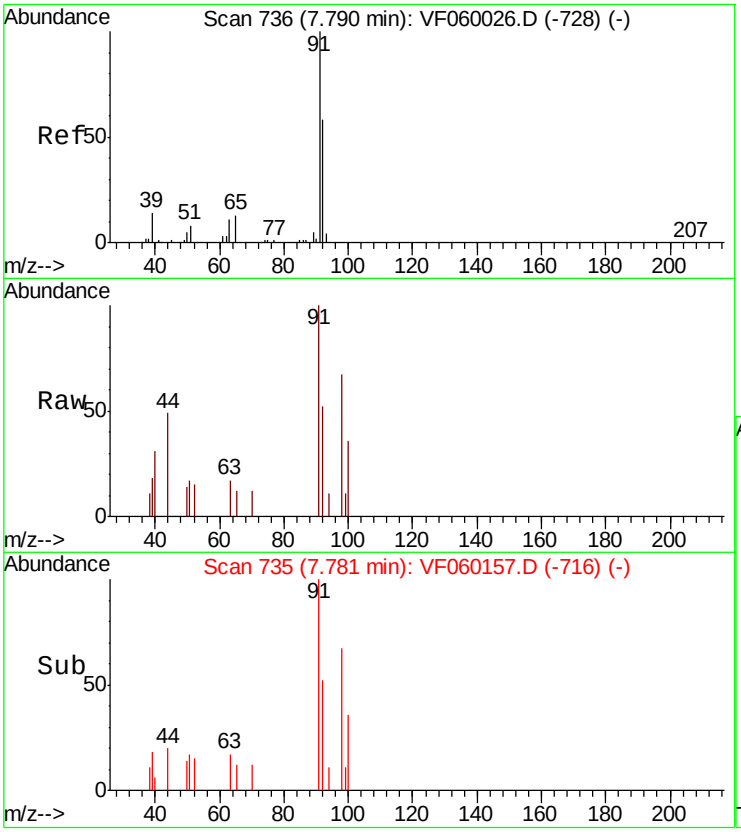


#50
Toluene-d8
Concen: 44.34 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Tgt Ion: 98 Resp: 134767

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.2	79.8



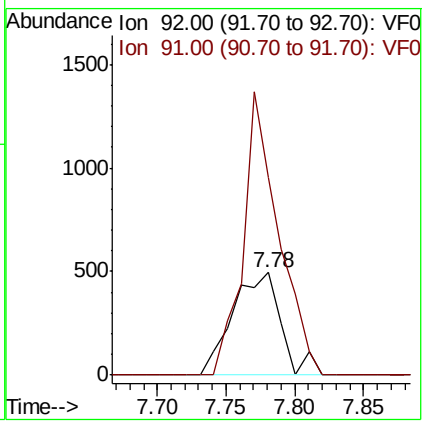


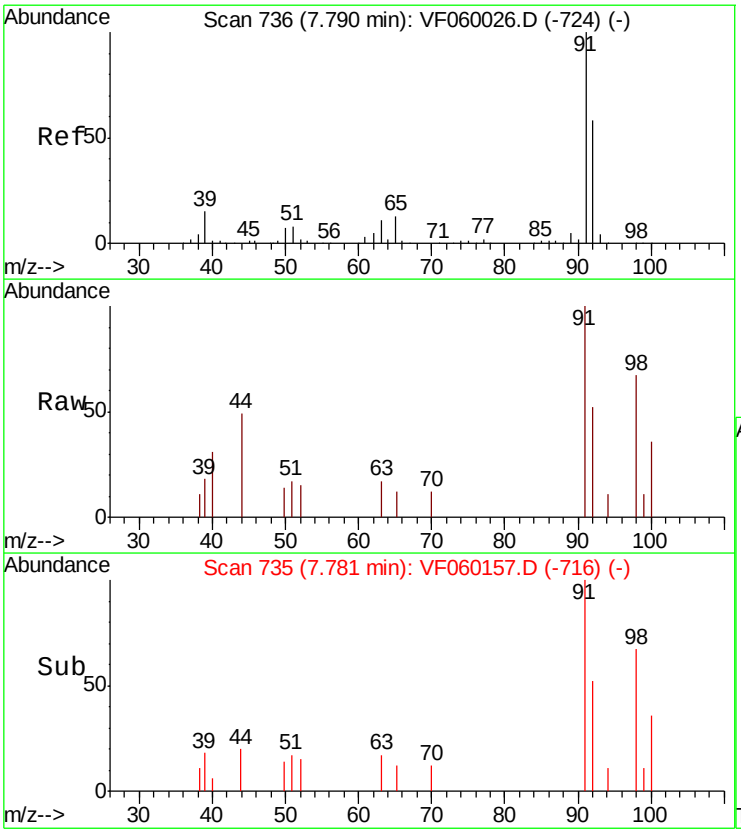
#52
Toluene
Concen: Below Cal
RT: 7.78 min Scan# 735
Delta R.T. -0.01 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B6RE

Tgt Ion: 92 Resp: 1214

Ion	Ratio	Lower	Upper
92	100		
91	192.3	137.7	206.5

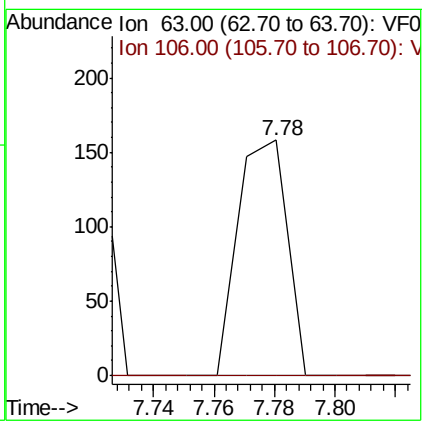


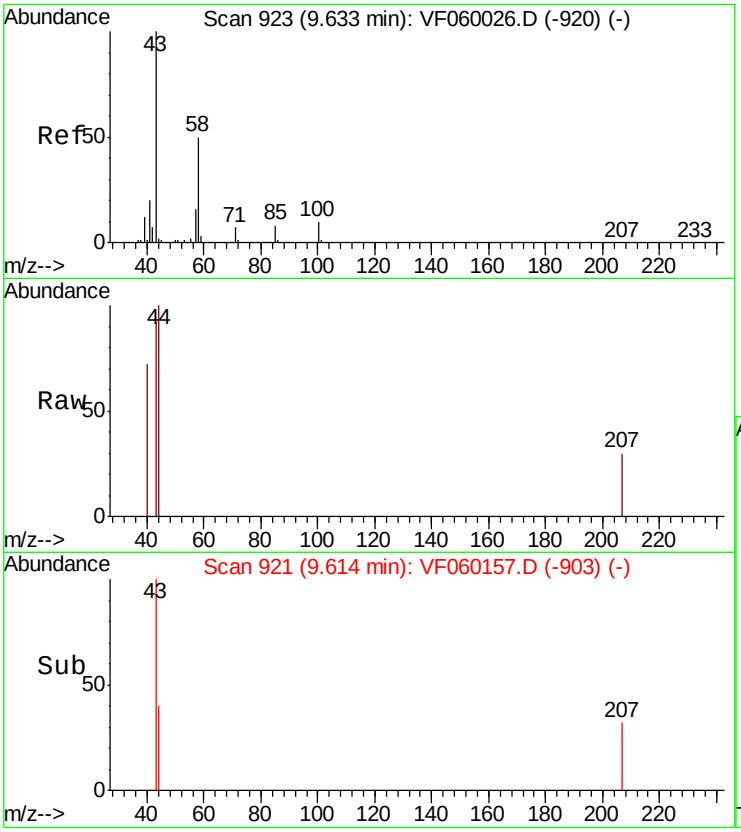


#58
2-Chloroethyl Vinyl ether
Concen: 2.48 ug/l
RT: 7.78 min Scan# 735
Delta R.T. -0.01 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Tgt Ion: 63 Resp: 180

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



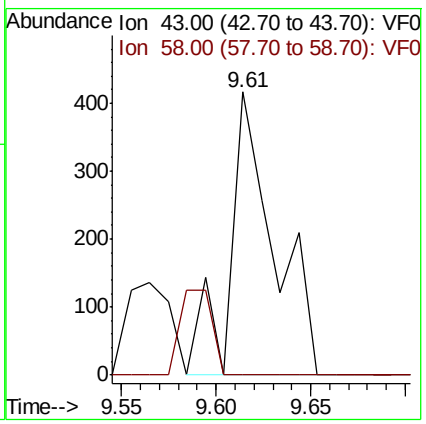


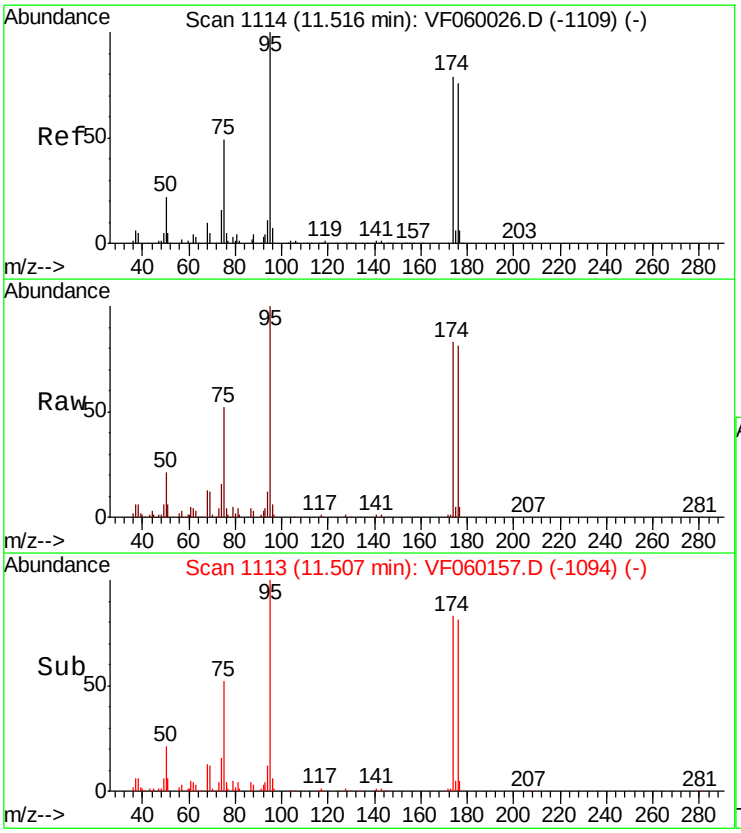
#59
2-Hexanone
Concen: 1.01 ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-B6RE

Tgt Ion: 43 Resp: 680

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.4	70.2#

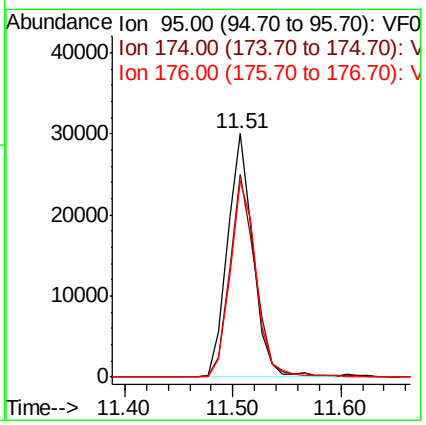


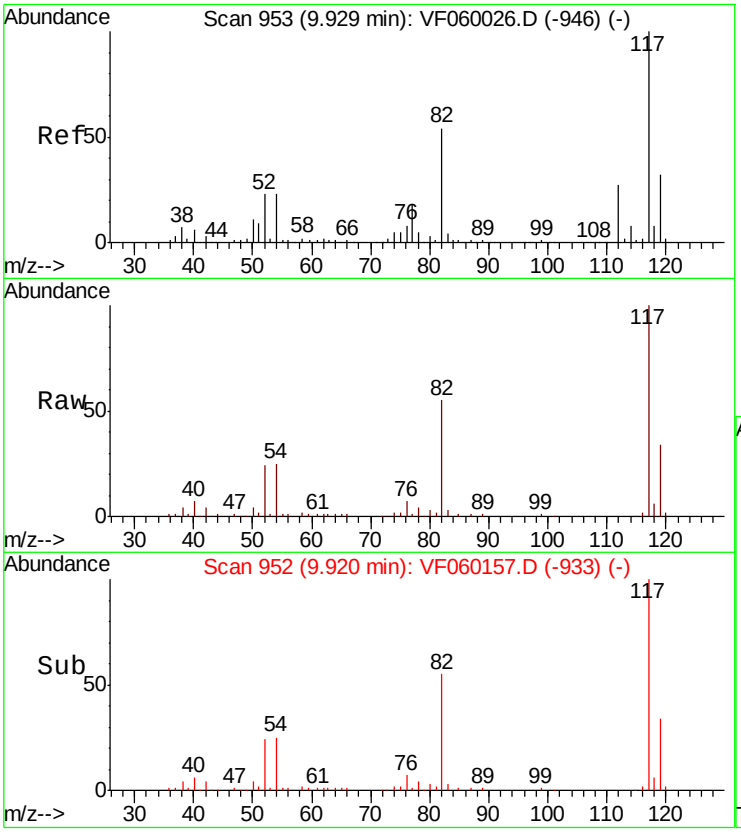


#62
4-Bromofluorobenzene
Concen: 30.67 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Tgt Ion: 95 Resp: 49323

Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	158.4
176	80.8	0.0	153.0



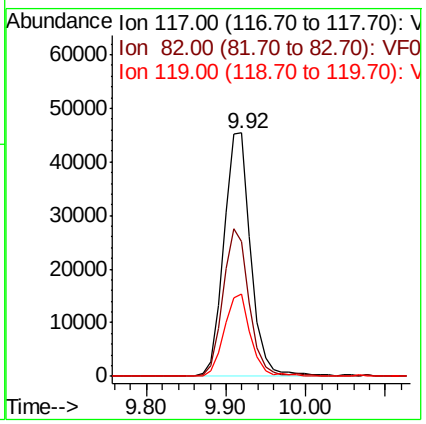


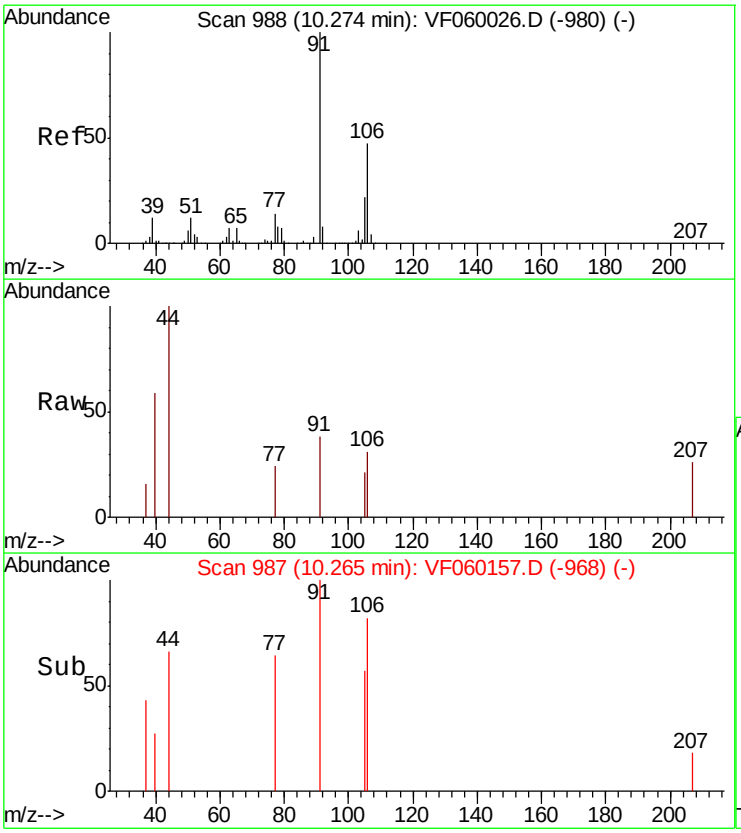
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B6RE

Tgt Ion:117 Resp: 107892

Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.6	65.4
119	34.1	25.6	38.4

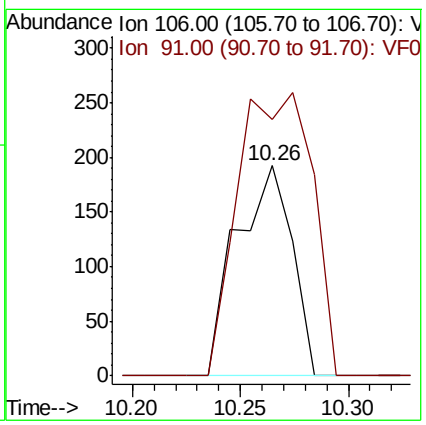


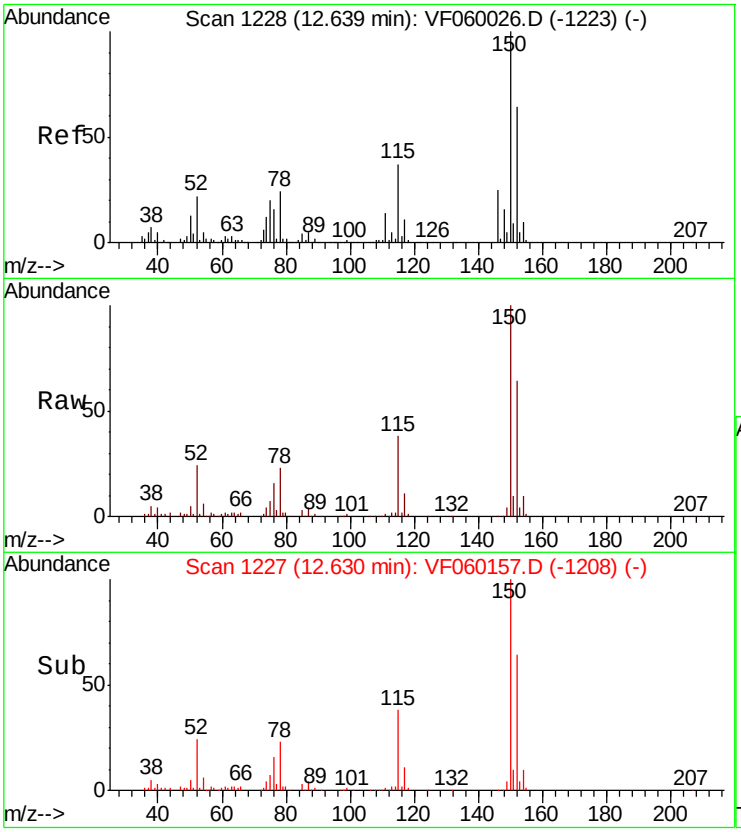


#68
m/p-Xylenes
Concen: Below Cal
RT: 10.26 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Tgt Ion:106 Resp: 344

Ion	Ratio	Lower	Upper
106	100		
91	122.4	171.8	257.8#



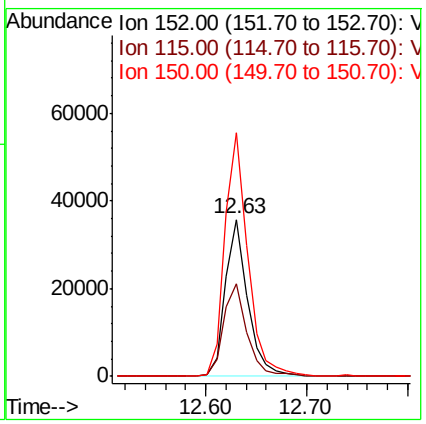


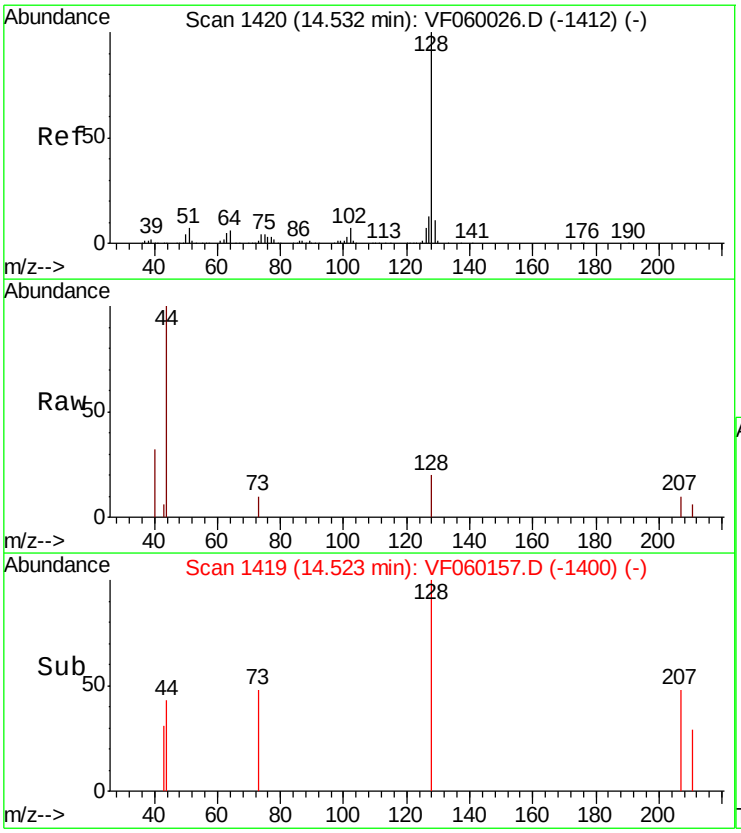
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B6RE

Tgt Ion:152 Resp: 55318

Ion	Ratio	Lower	Upper
152	100		
115	59.0	28.6	85.9
150	155.5	0.0	312.0





#95
Naphthalene
Concen: 2.51 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.01 min
Lab File: VF060157.D
Acq: 28 Aug 2018 18:35

Tgt Ion:128 Resp: 487

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