Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082018\
Data File : VF060010.D
Acq On : 20 Aug 2018 18:56
Operator : VA/AP
Sample : J4497-01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CARLSTADT-FRONT

Quant Time: Aug 21 05:36:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	166225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	230516	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	246951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	147715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	146604	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.38%		
35) Dibromofluoromethane	4.30	113	119080	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.10%		
50) Toluene-d8	7.72	98	241084	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.04%		
62) 4-Bromofluorobenzene	11.51	95	136006	42.30	ug/l	0.00
Spiked Amount 50.000			Recovery =	84.60%		
Target Compounds						Qvalue
20) Methylene Chloride	2.28	84	11687	2.73	ug/l	96

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

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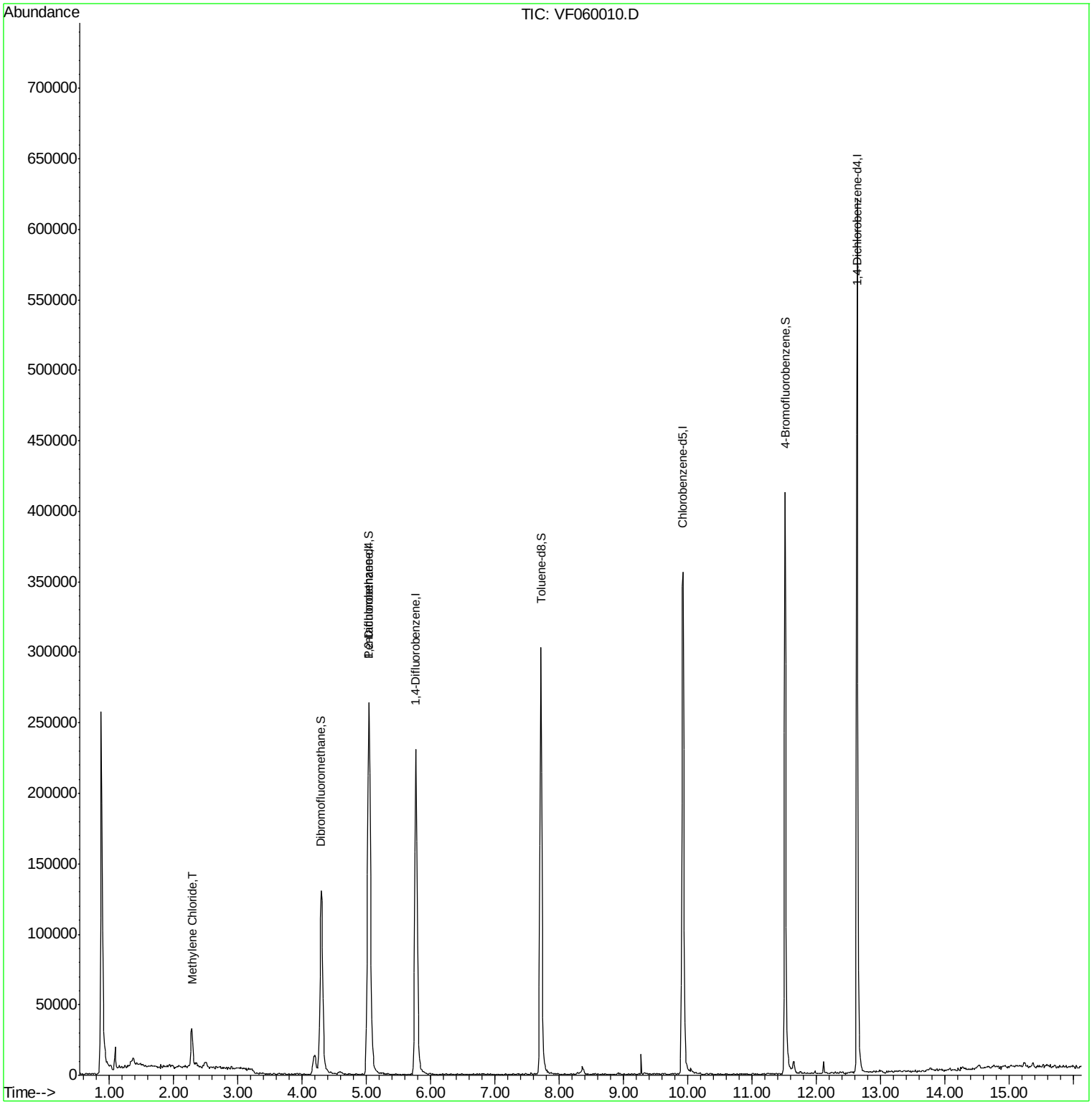
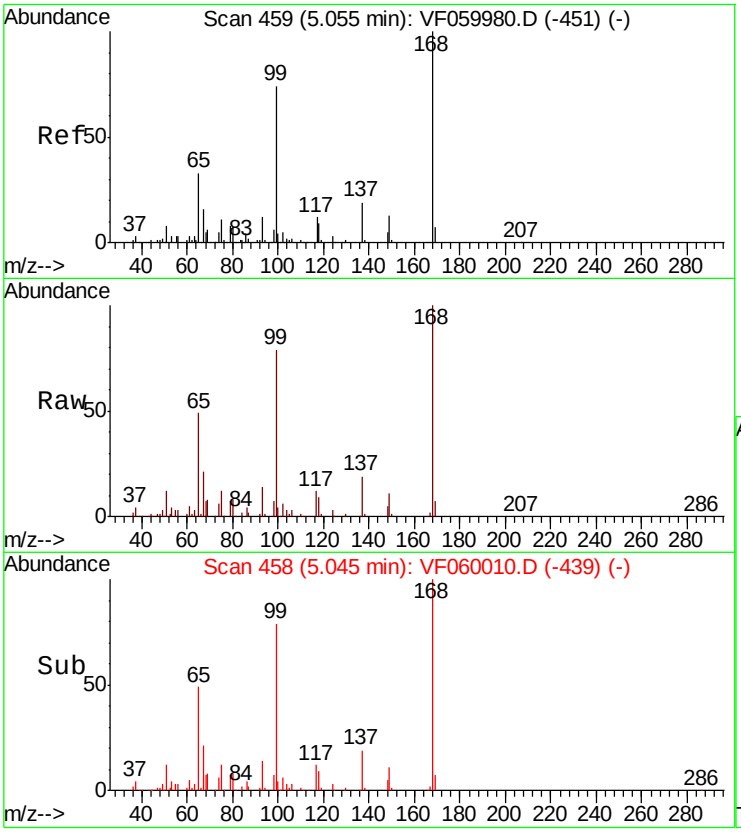


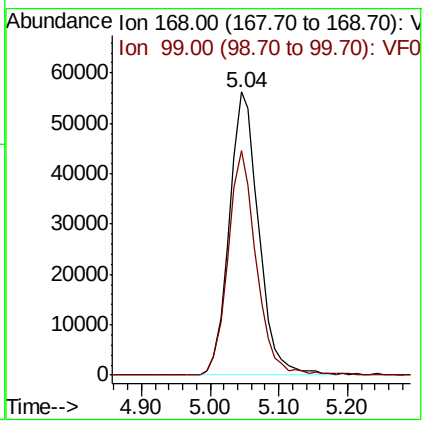


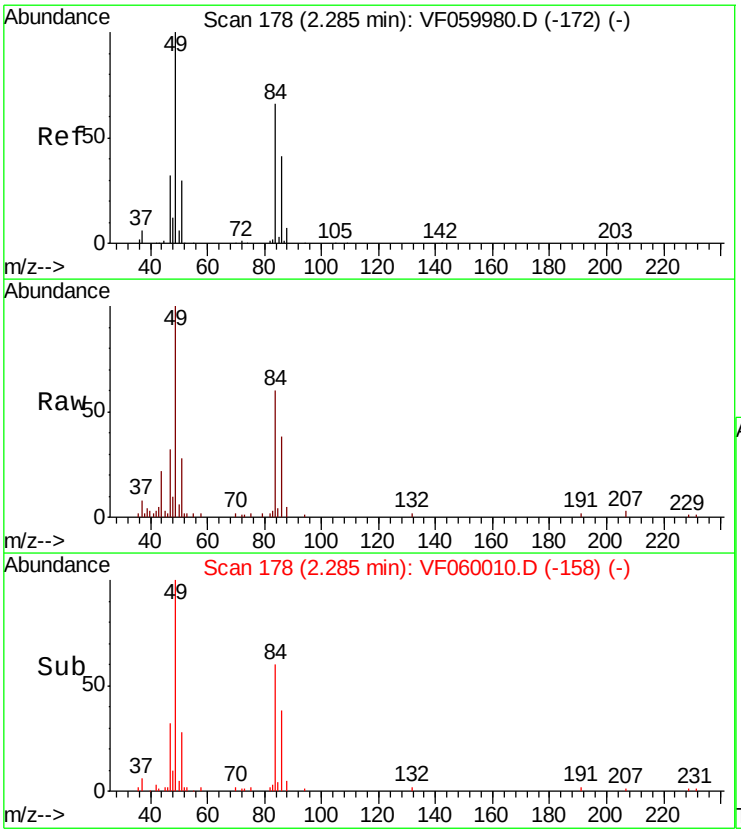
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 458
Delta R.T. -0.01 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-FRONT

Tgt Ion:168 Resp: 166225

Ion	Ratio	Lower	Upper
168	100		
99	79.3	59.0	88.6

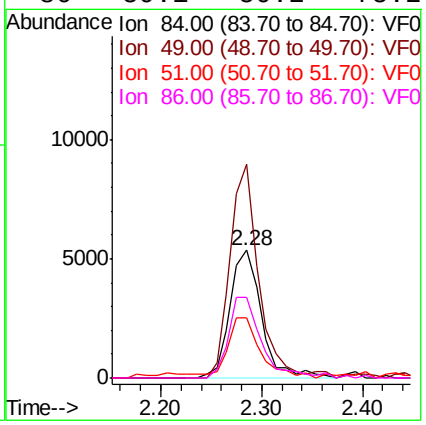


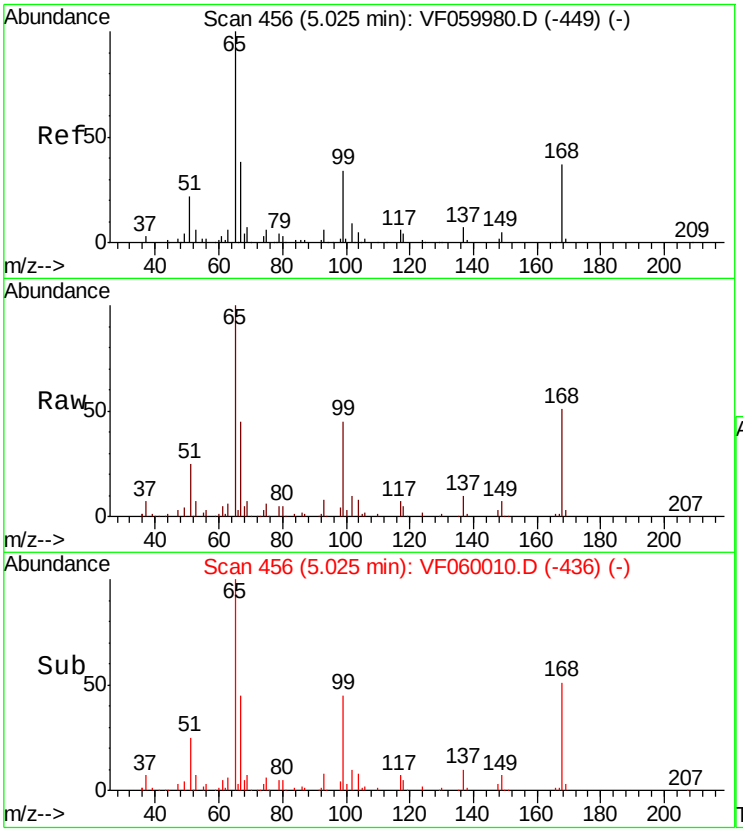


#20
Methylene Chloride
Concen: 2.73 ug/l
RT: 2.28 min Scan# 178
Delta R.T. 0.00 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Tgt Ion: 84 Resp: 11687

Ion	Ratio	Lower	Upper
84	100		
49	157.3	122.5	183.7
51	44.4	37.1	55.7
86	59.1	50.2	75.2



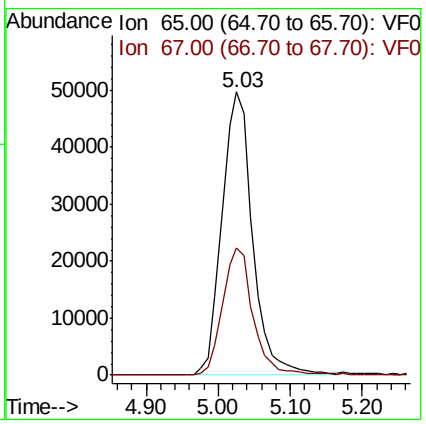


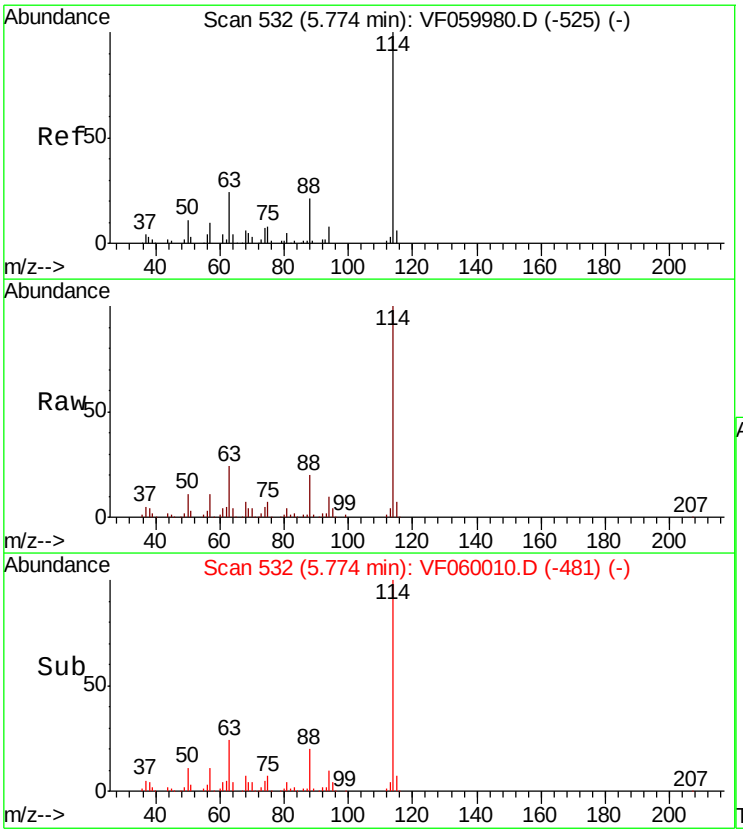
#33
1,2-Dichloroethane-d4
Concen: 45.69 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-FRONT

Tgt Ion: 65 Resp: 146604

Ion	Ratio	Lower	Upper
65	100		
67	45.0	0.0	82.6

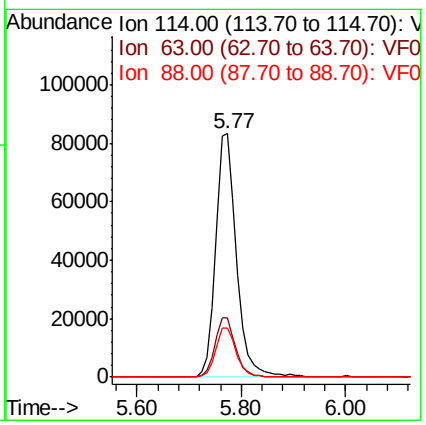


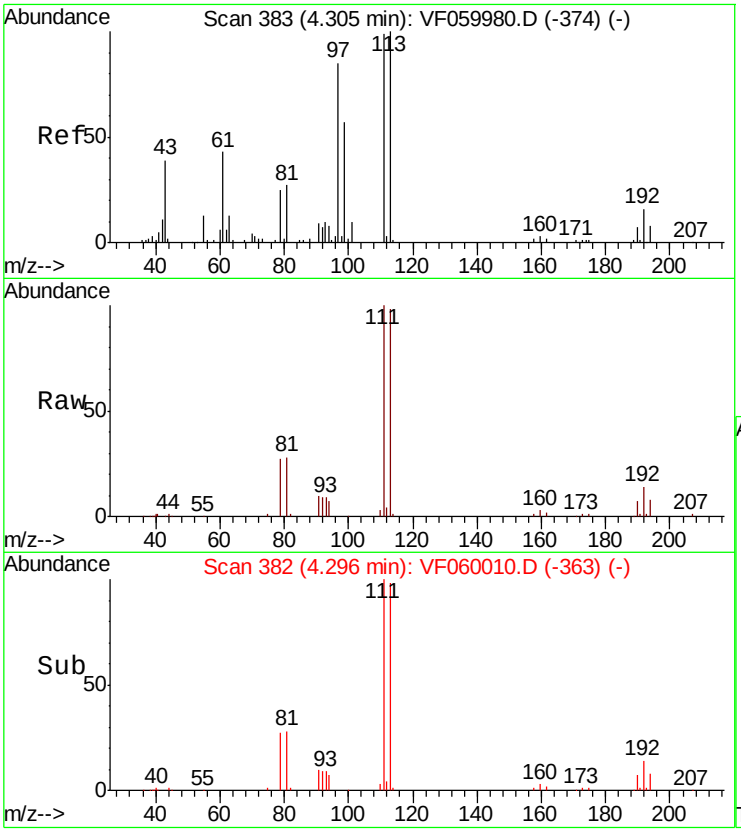


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Tgt Ion:114 Resp: 230516

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	48.6
88	19.9	0.0	42.8



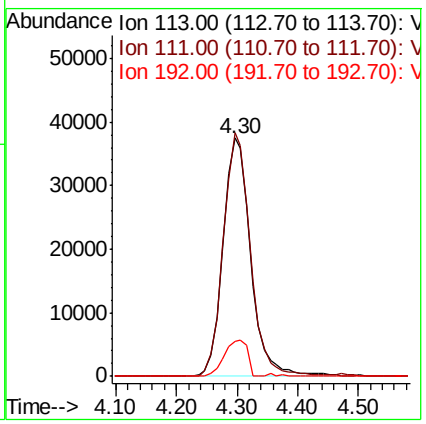


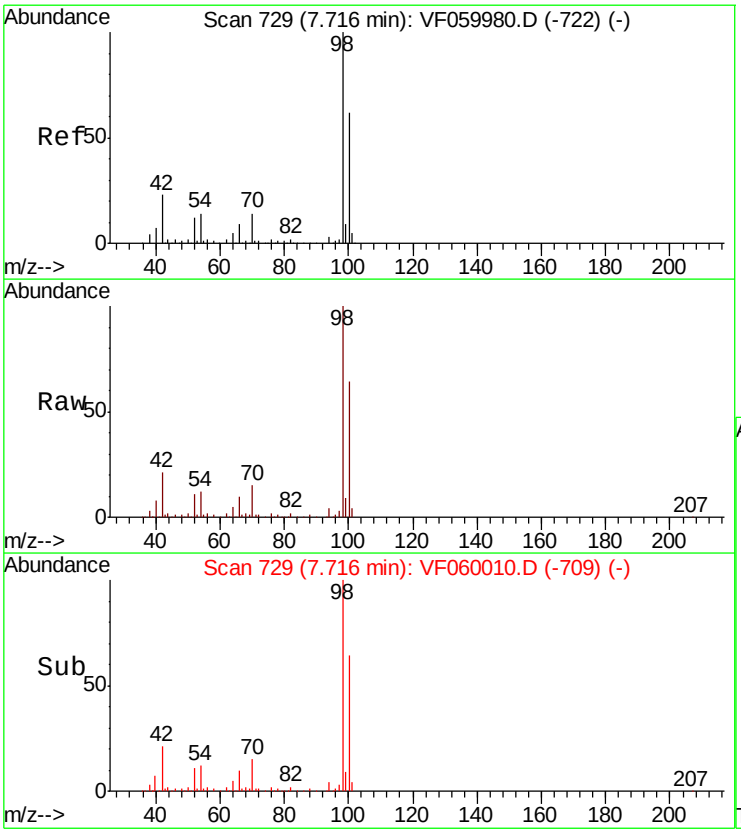
#35
Dibromofluoromethane
Concen: 50.55 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-FRONT

Tgt Ion:113 Resp: 119080

Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.5	119.3
192	14.6	12.4	18.6

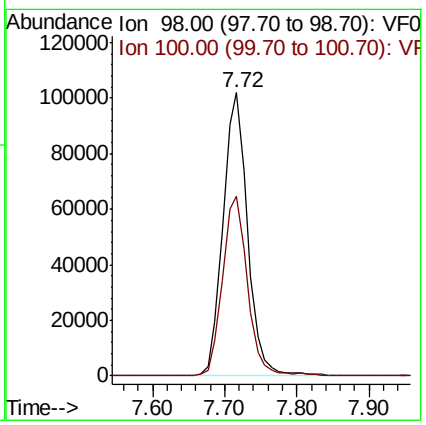


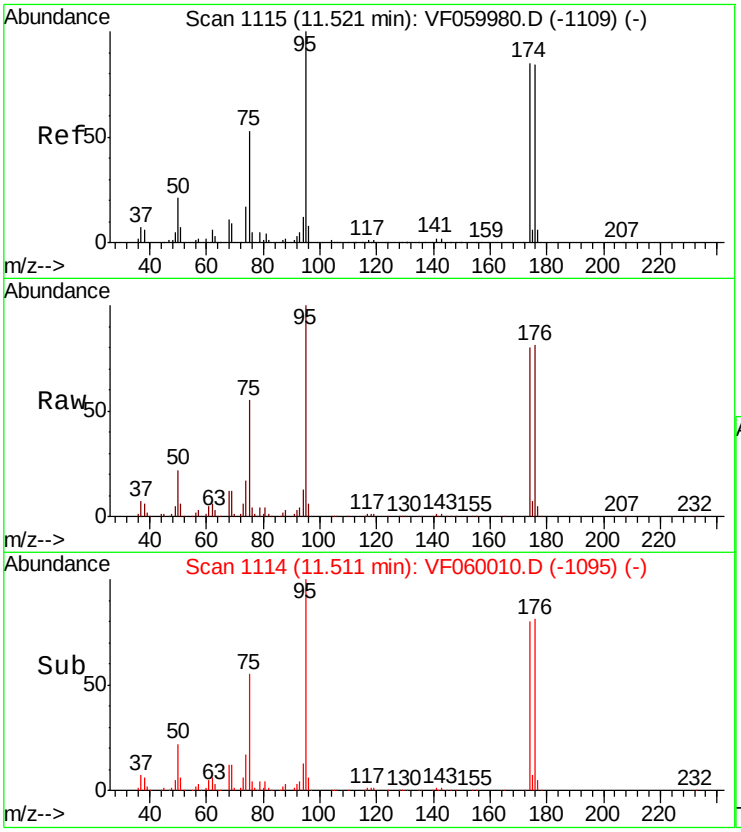


#50
Toluene-d8
Concen: 46.02 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Tgt Ion: 98 Resp: 241084

Ion	Ratio	Lower	Upper
98	100		
100	63.7	49.8	74.8



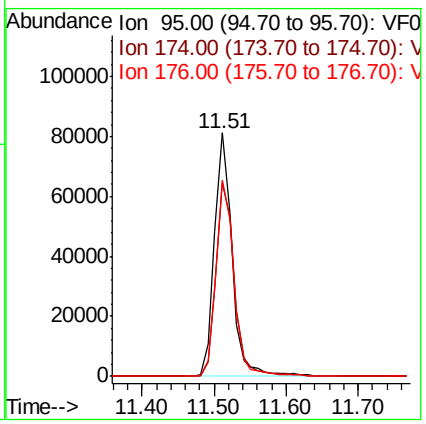


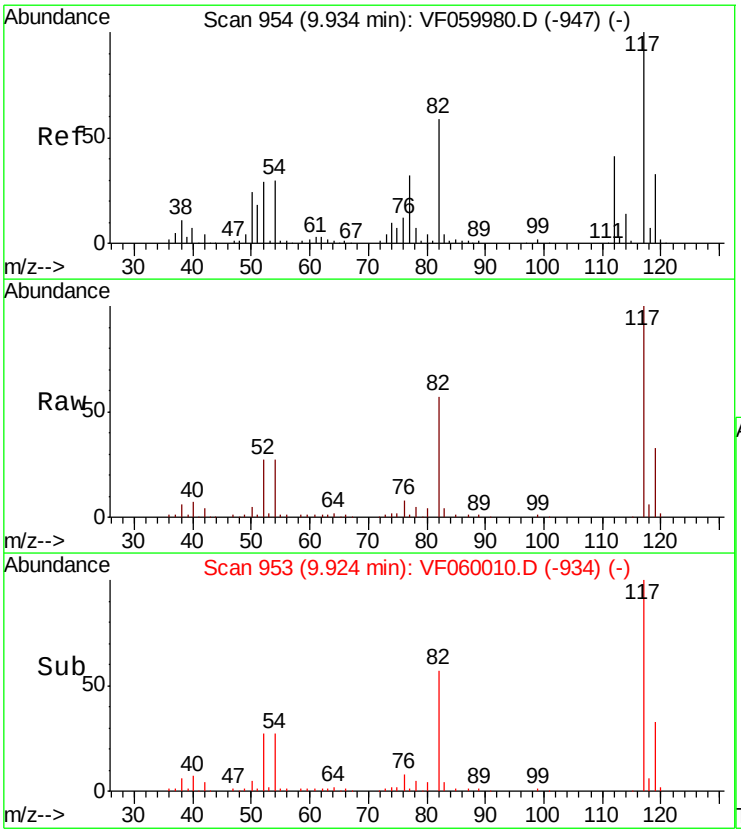
#62
4-Bromofluorobenzene
Concen: 42.30 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-FRONT

Tgt Ion: 95 Resp: 136006

Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	169.8
176	80.7	0.0	167.8

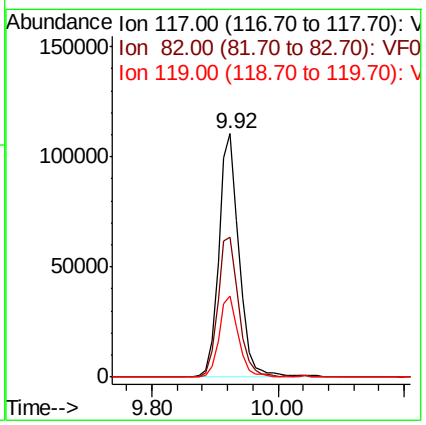


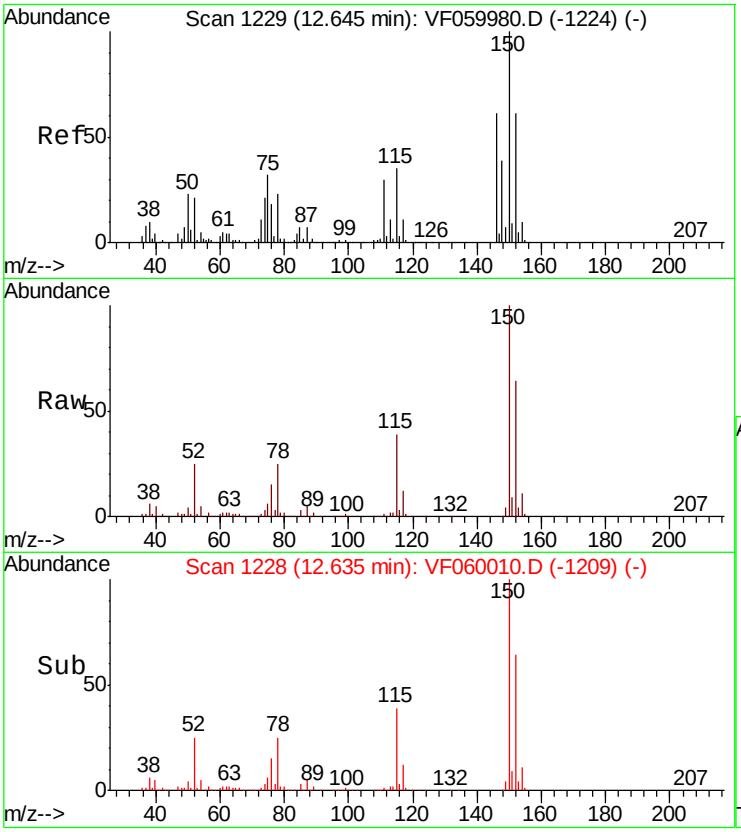


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Tgt Ion:117 Resp: 246951

Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.2	70.8
119	33.1	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-FRONT

Tgt Ion:152 Resp: 147715

Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.1	87.3
150	156.9	0.0	330.2