Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082218\
Data File : VF060042.D
Acq On : 22 Aug 2018 16:13
Operator : VA/AP
Sample : J4275-13
Misc : 6.43g/5mL/MSVOA_F/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-01-082018-C

Quant Time: Aug 23 08:40:17 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	5.06	168	236576	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.79	114	362833	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.94	117	348079	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.65	152	163857	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	166536	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.86%			
35) Dibromofluoromethane	4.31	113	149998	52.65	ug/l	0.01
Spiked Amount 50.000			Recovery = 105.30%			
50) Toluene-d8	7.73	98	381123	47.10	ug/l	0.01
Spiked Amount 50.000			Recovery = 94.20%			
62) 4-Bromofluorobenzene	11.53	95	175475	40.99	ug/l	0.01
Spiked Amount 50.000			Recovery = 81.98%			
Target Compounds						Qvalue
16) Acetone	2.35	43	21613	25.40	ug/l	96
20) Methylene Chloride	2.29	84	14416	3.87	ug/l	97
95) Naphthalene	14.53	128	27145	6.54	ug/l	97

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

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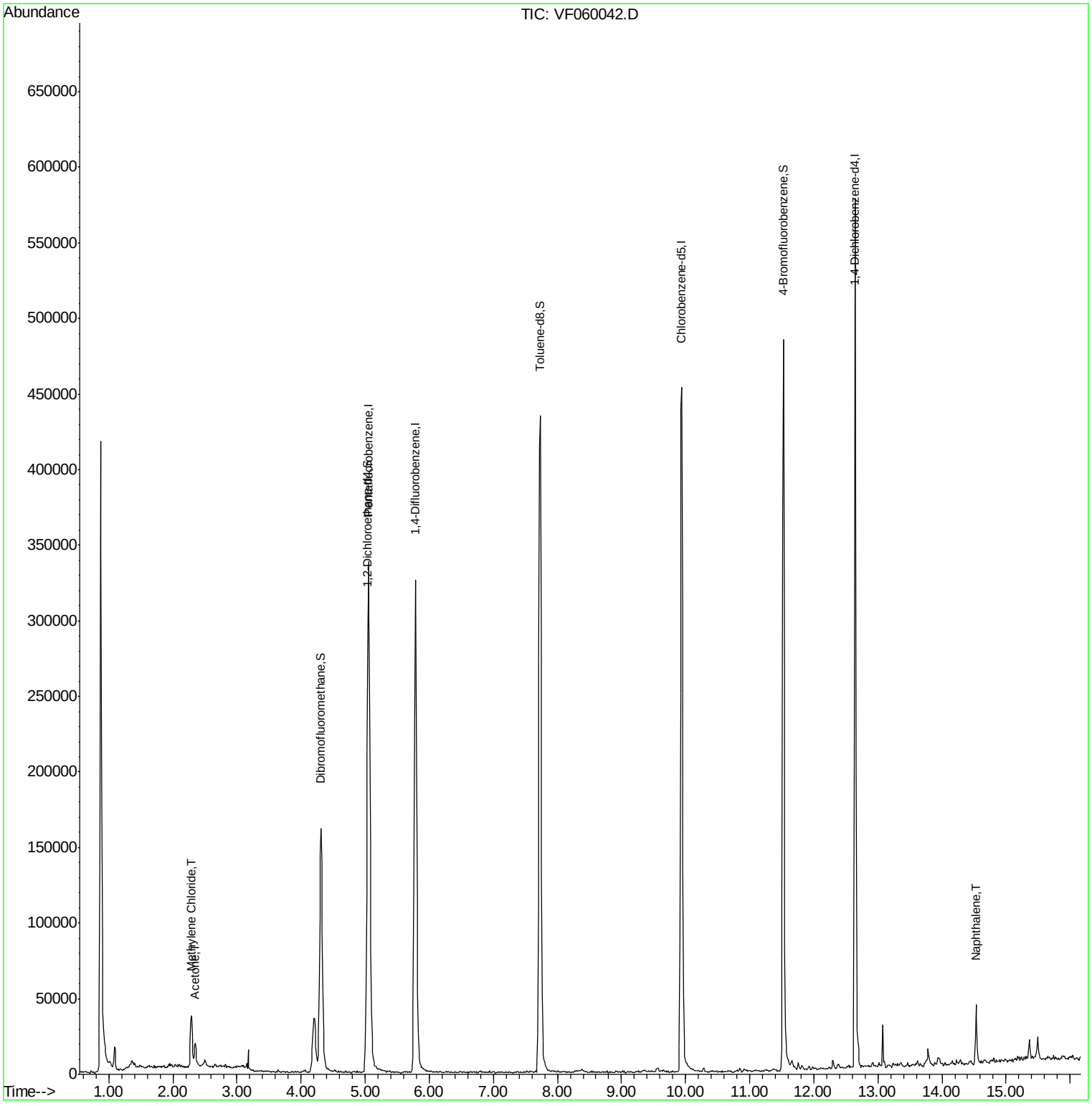
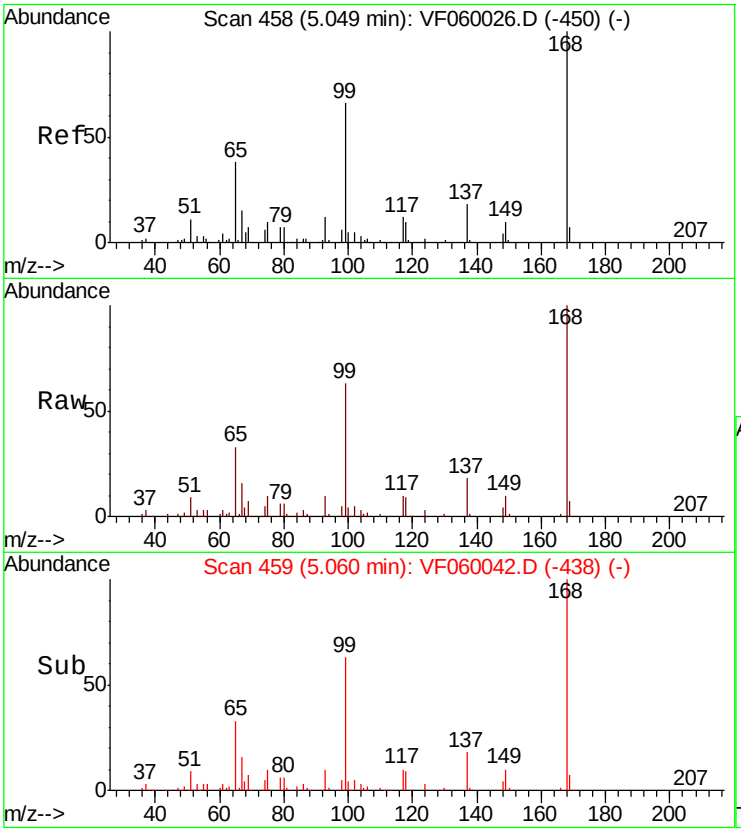


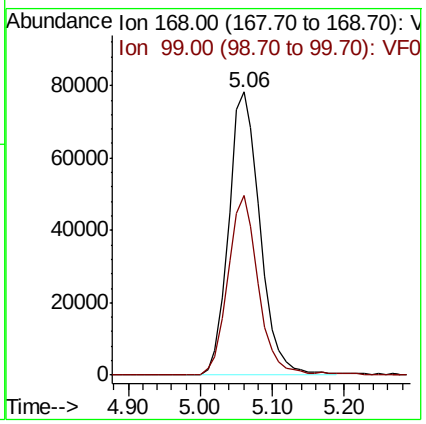


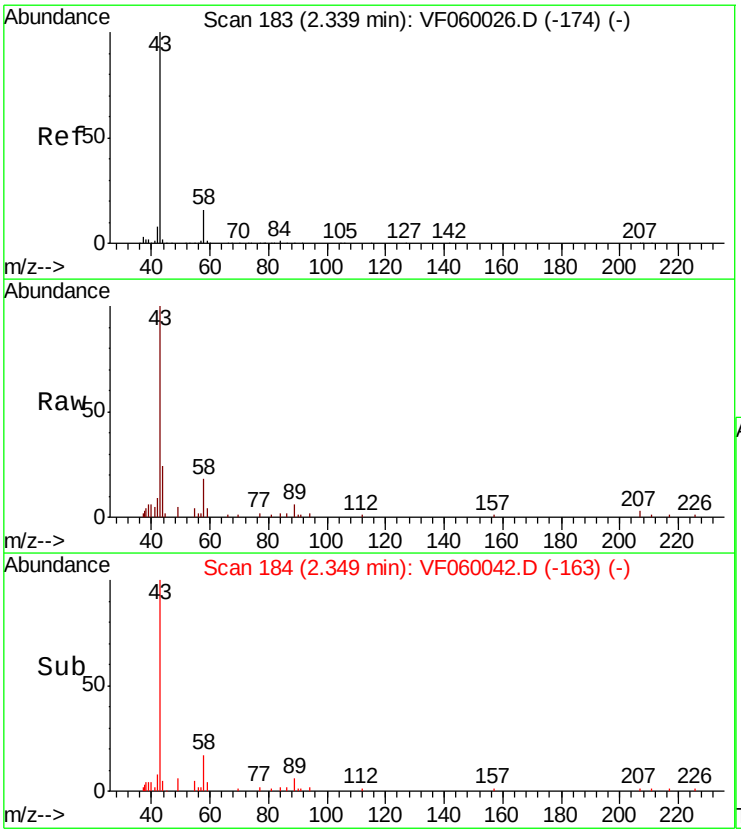
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.01 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Tgt Ion:168 Resp: 236576

Ion	Ratio	Lower	Upper
168	100		
99	63.4	52.6	79.0

Instrument :
MSVOA_F
ClientSampleId :
CL-01-082018-C

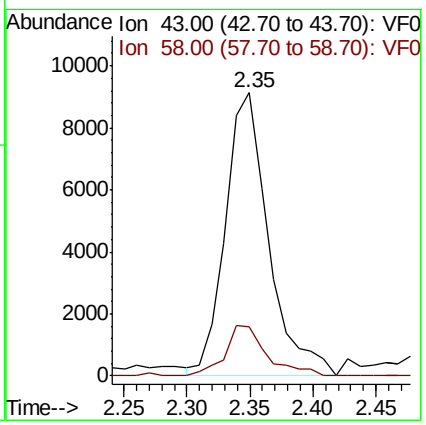


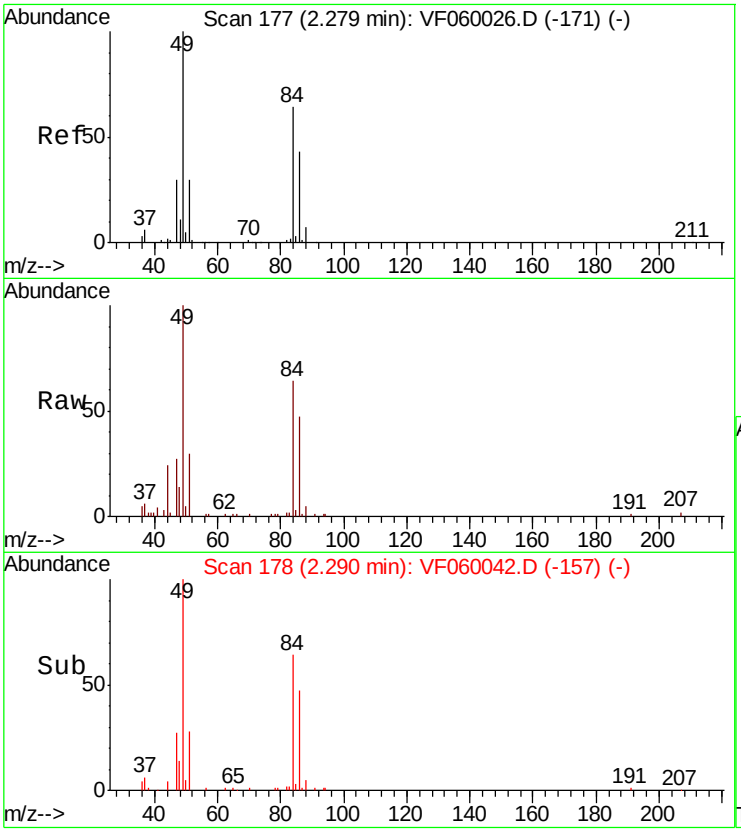


#16
Acetone
Concen: 25.40 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Tgt Ion: 43 Resp: 21613

Ion	Ratio	Lower	Upper
43	100		
58	17.6	12.6	19.0



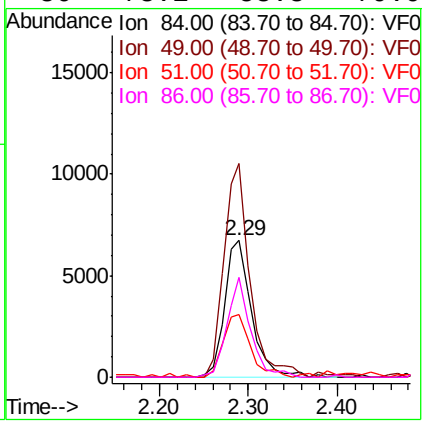


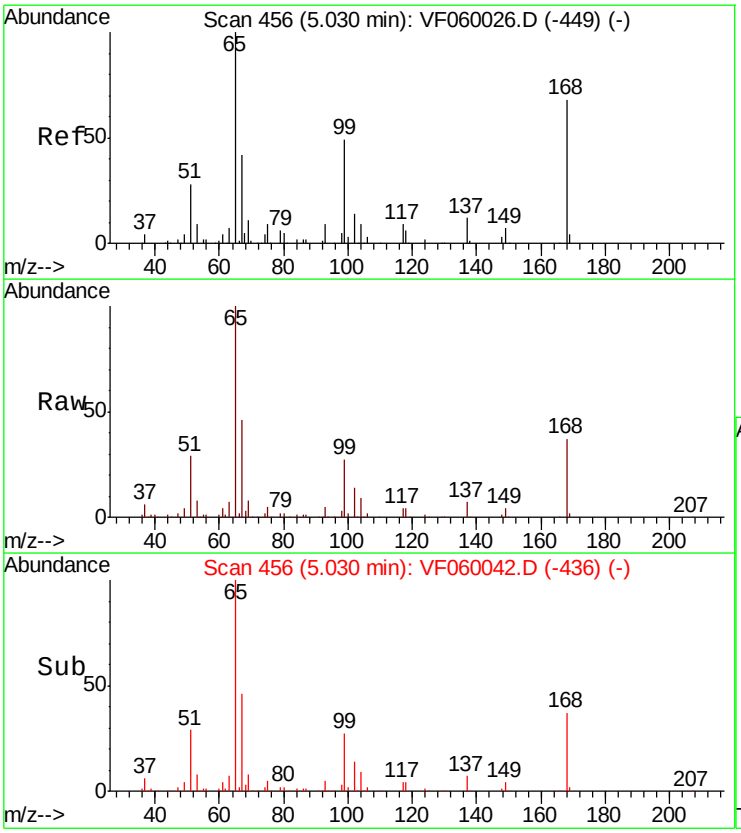
#20
Methylene Chloride
Concen: 3.87 ug/l
RT: 2.29 min Scan# 178
Delta R.T. 0.01 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Instrument : MSVOA_F
ClientSampleId : CL-01-082018-C

Tgt Ion: 84 Resp: 14416

Ion	Ratio	Lower	Upper
84	100		
49	156.4	125.4	188.0
51	46.2	38.3	57.5
86	73.1	53.3	79.9

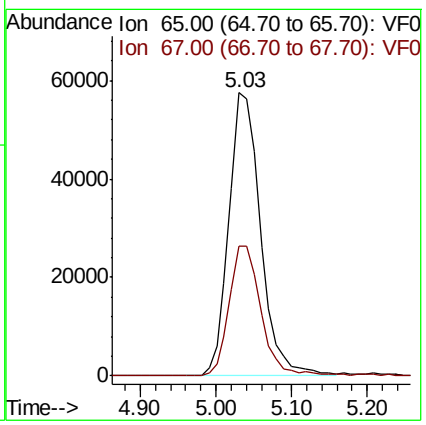


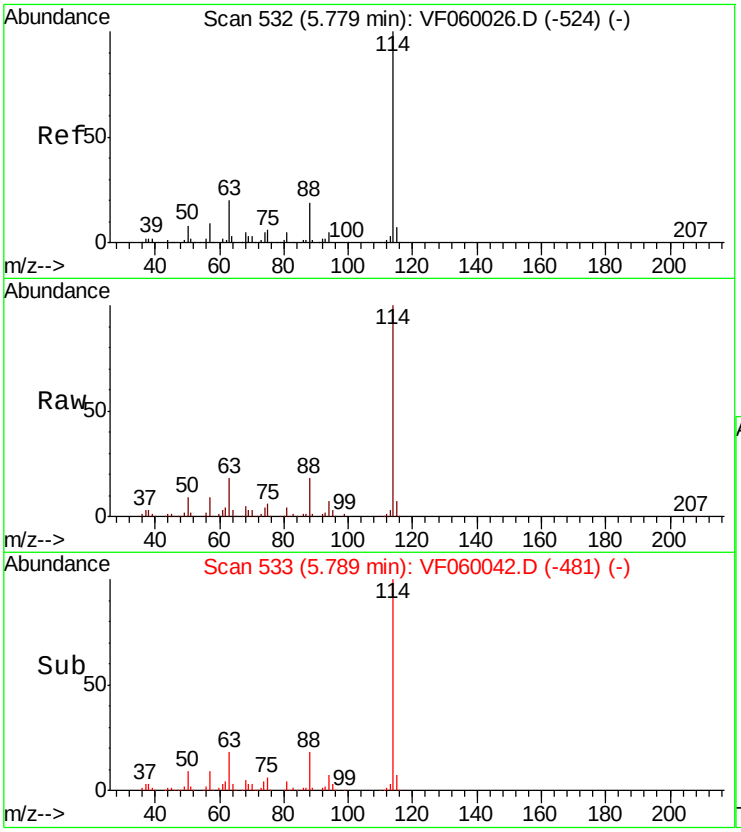


#33
1,2-Dichloroethane-d4
Concen: 51.43 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Tgt Ion: 65 Resp: 166536

Ion	Ratio	Lower	Upper
65	100		
67	45.7	0.0	92.0



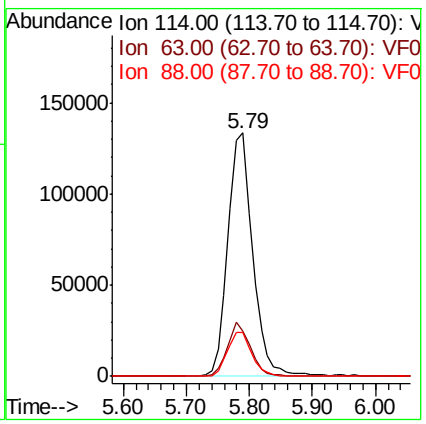


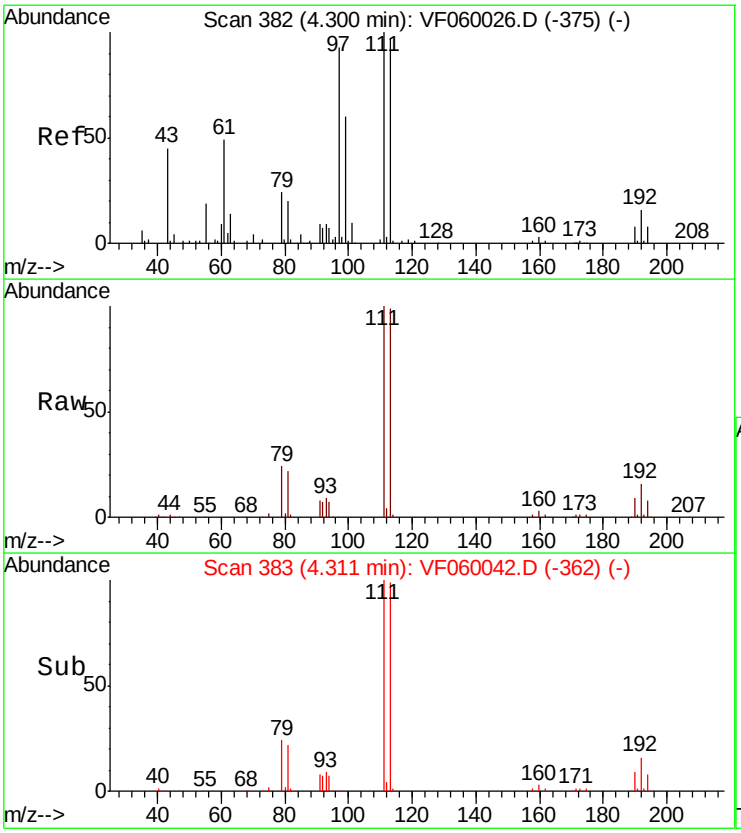
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.01 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Instrument :
MSVOA_F
ClientSampleId :
CL-01-082018-C

Tgt Ion:114 Resp: 362833

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	40.4
88	17.8	0.0	38.6

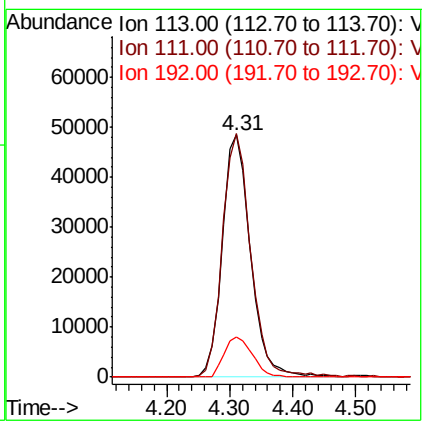


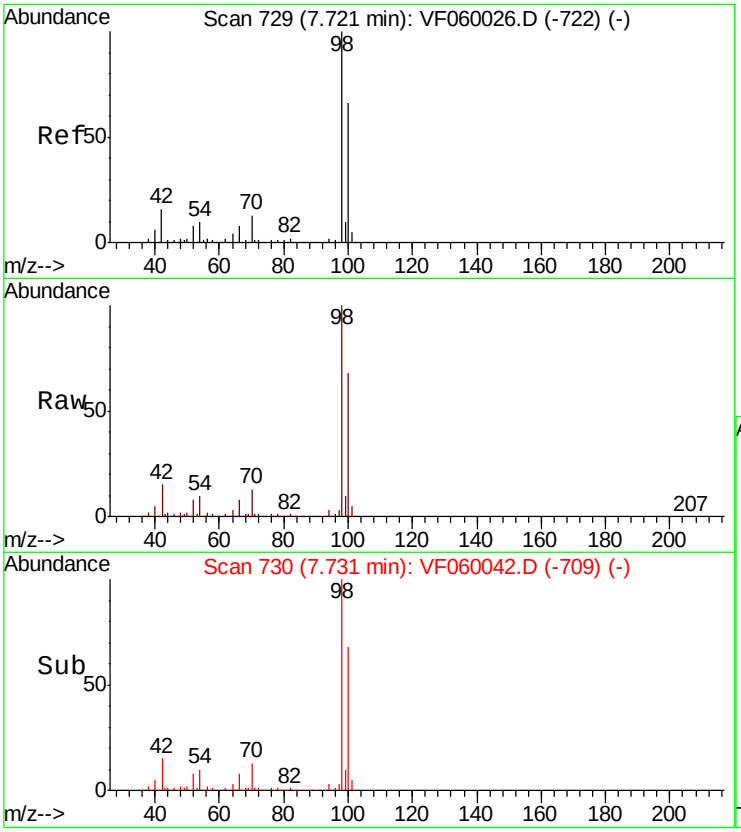


#35
Dibromofluoromethane
Concen: 52.65 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Tgt Ion:113 Resp: 149998

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.7	124.1
192	16.4	13.0	19.4



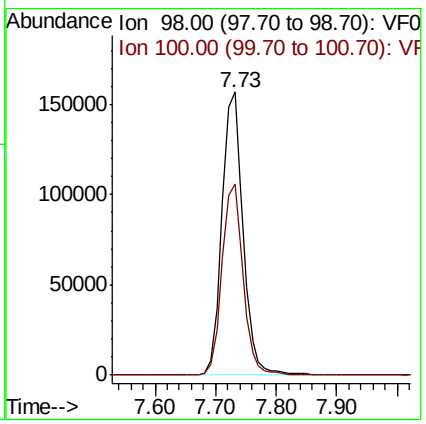


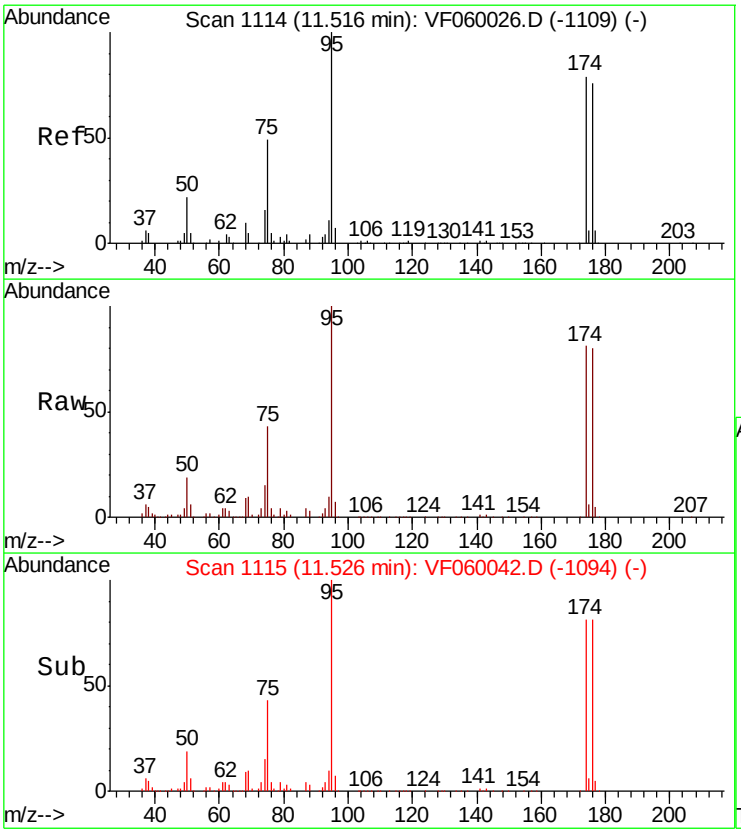
#50
Toluene-d8
Concen: 47.10 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Instrument :
MSVOA_F
ClientSampleId :
CL-01-082018-C

Tgt Ion: 98 Resp: 381123

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.2	79.8

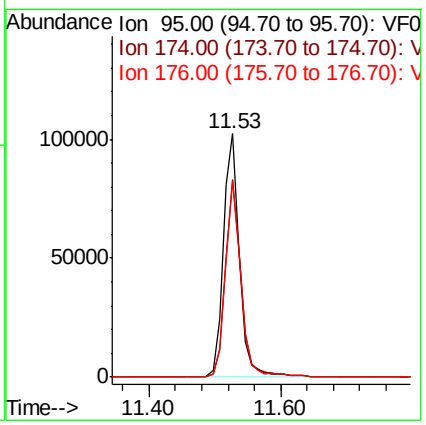


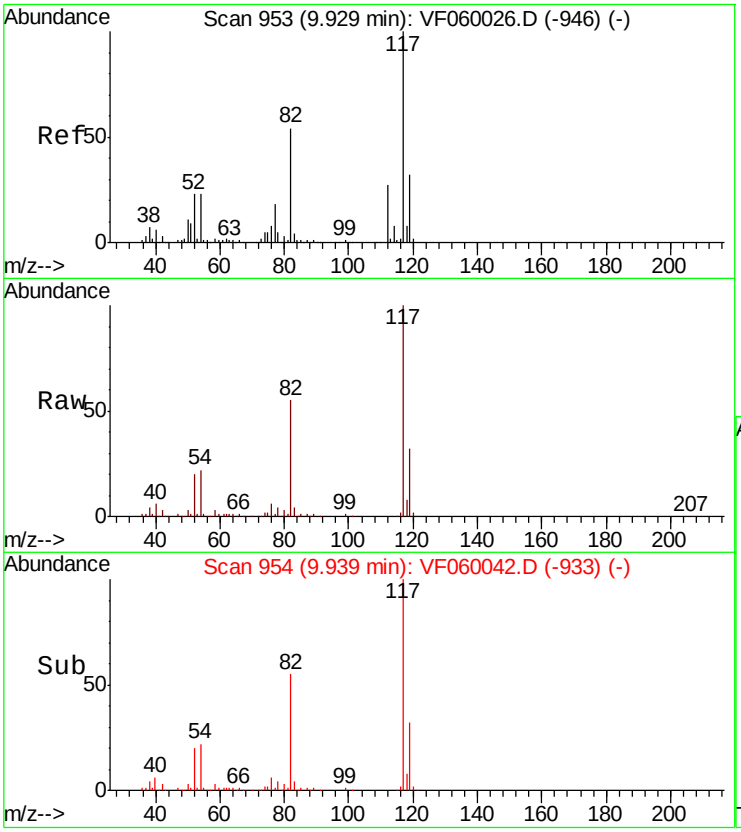


#62
4-Bromofluorobenzene
Concen: 40.99 ug/l
RT: 11.53 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Tgt Ion: 95 Resp: 175475

Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	158.4
176	80.5	0.0	153.0



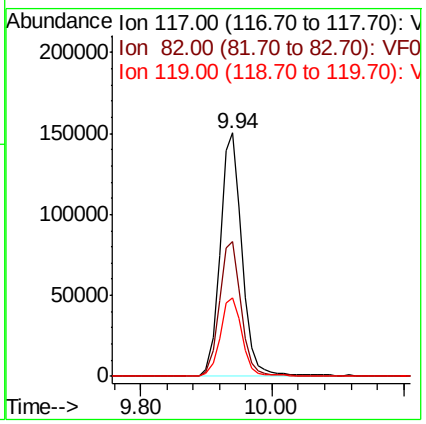


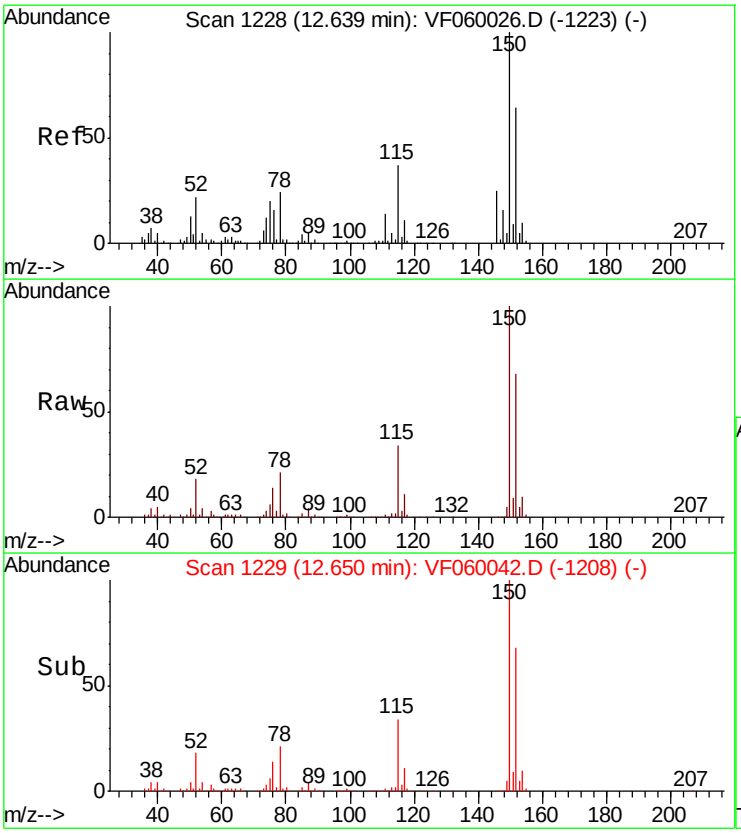
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.94 min Scan# 954
Delta R.T. 0.01 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Instrument :
MSVOA_F
ClientSampleId :
CL-01-082018-C

Tgt Ion:117 Resp: 348079

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.6	65.4
119	32.4	25.6	38.4

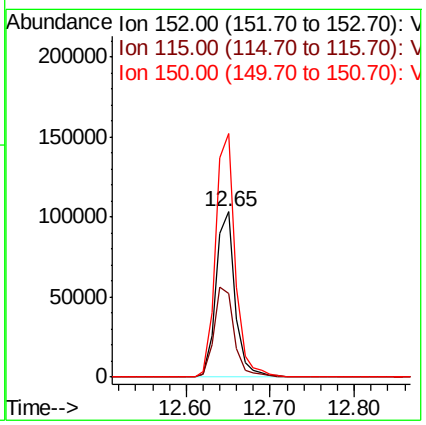


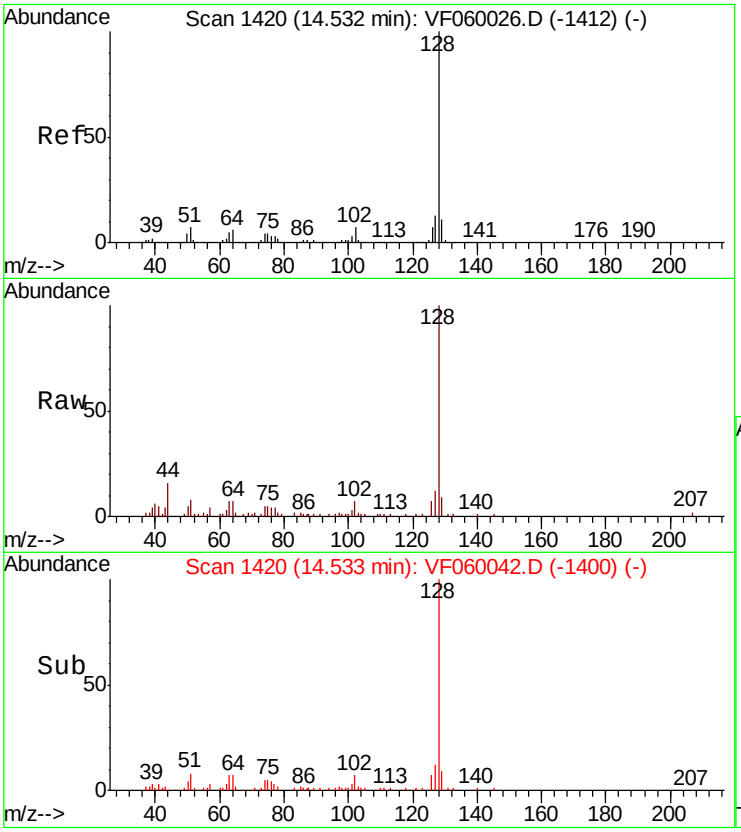


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Tgt Ion:152 Resp: 163857

Ion	Ratio	Lower	Upper
152	100		
115	50.8	28.6	85.9
150	147.3	0.0	312.0





#95
Naphthalene
Concen: 6.54 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. 0.00 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Instrument :
MSVOA_F
ClientSampleId :
CL-01-082018-C

Tgt Ion:128 Resp: 27145

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	9.1	8.5	12.7