

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072018\
 Data File : VF059608.D
 Acq On : 21 Jul 2018 3:50
 Operator : VA/AP
 Sample : J4071-01
 Misc : 5.86g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GL-WC-S-04

Quant Time: Jul 21 04:39:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	189462	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	272692	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	255484	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	160742	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	129302	43.88	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.76%	
35) Dibromofluoromethane	4.30	113	117385	49.70	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.40%	
50) Toluene-d8	7.72	98	213109	35.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	71.64%	
62) 4-Bromofluorobenzene	11.51	95	127574	40.88	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.76%	

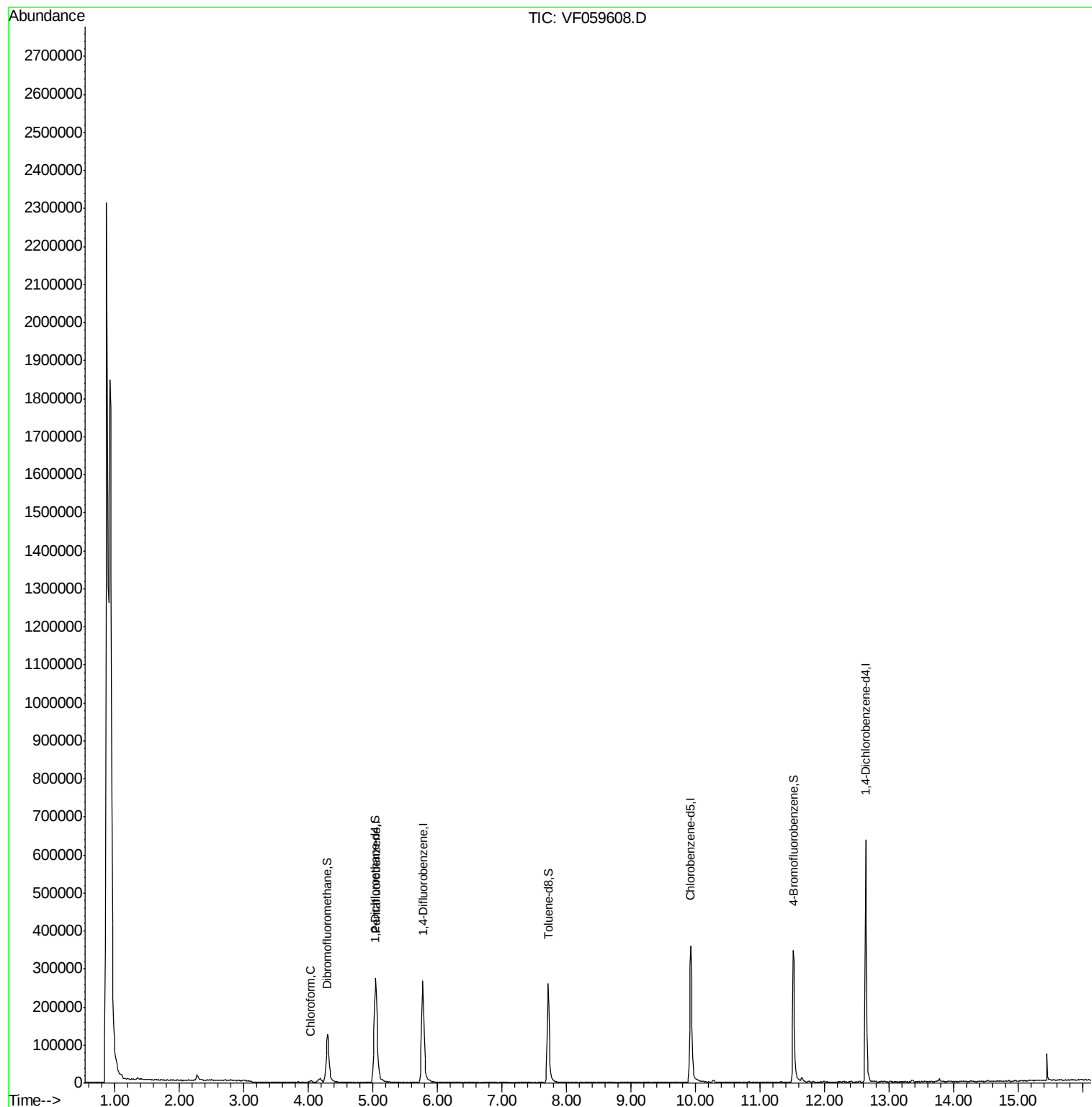
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	4.04	83	4586	1.03	ug/l	# 79

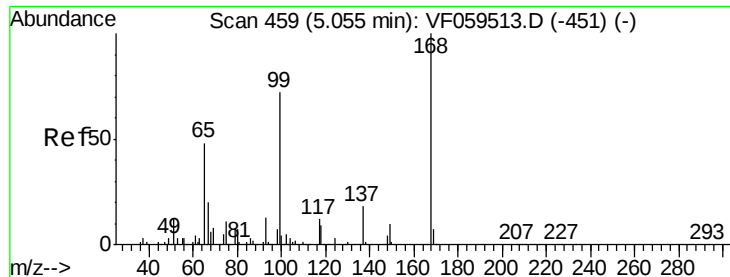
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
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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: VF059608.D

Acq: 21 Jul 2018 3:50

Instrument :

MSVOA_F

ClientSampleId :

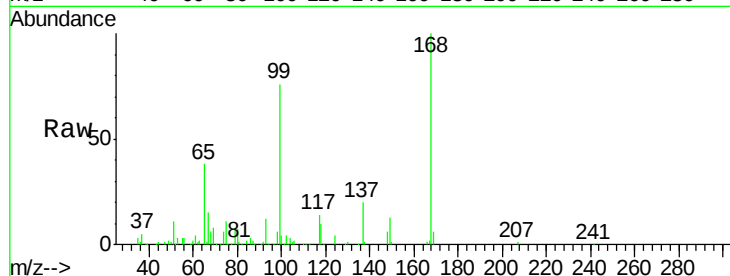
GL-WC-S-04

Tot Ion:168 Resp: 189462

Ion Ratio Lower Upper

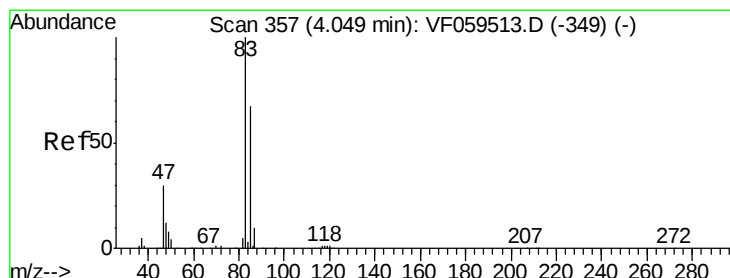
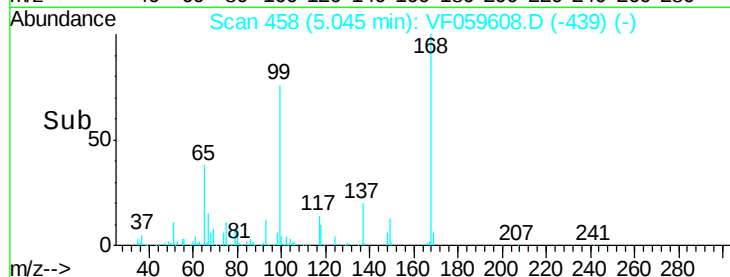
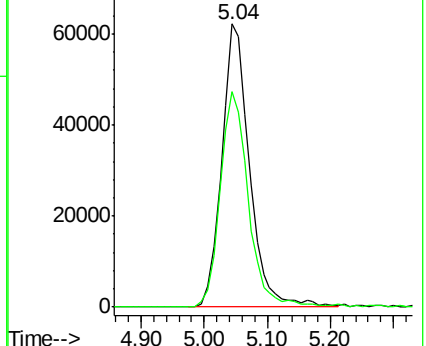
168 100

99 76.3 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#30

Chloroform

Concen: 1.03 ug/l

RT: 4.04 min Scan# 356

Delta R.T. -0.01 min

Lab File: VF059608.D

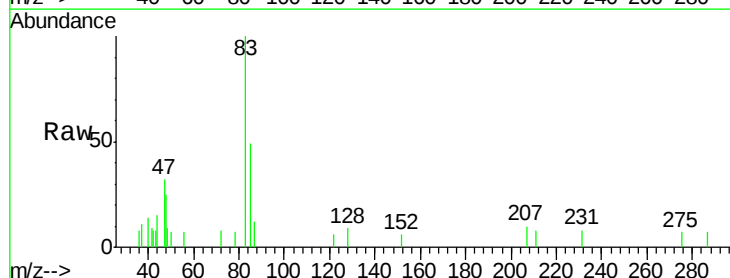
Acq: 21 Jul 2018 3:50

Tgt Ion: 83 Resp: 4586

Ion Ratio Lower Upper

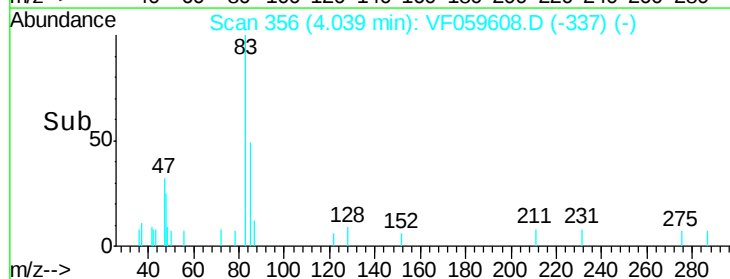
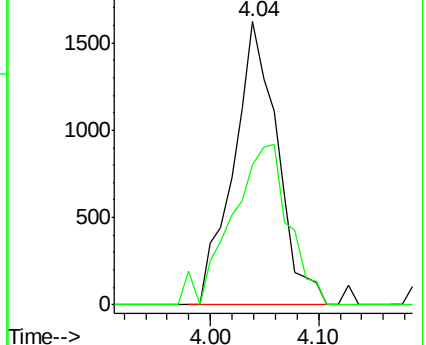
83 100

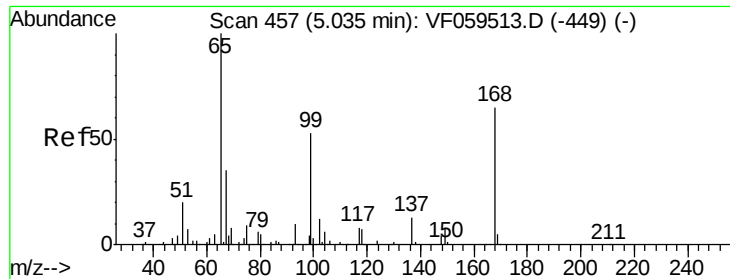
85 49.4 53.2 79.8#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

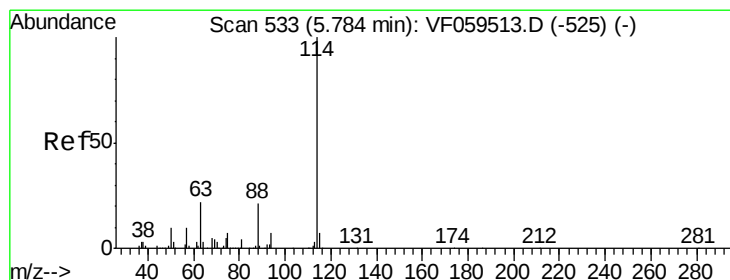
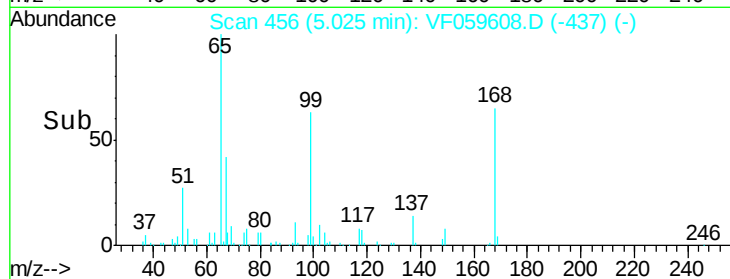
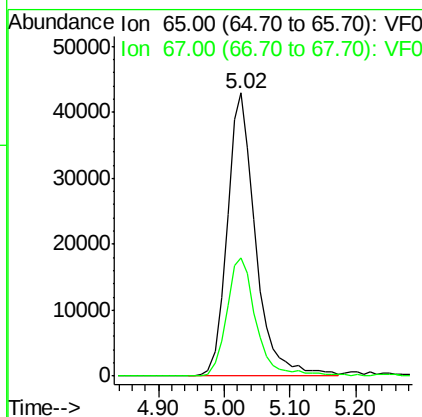
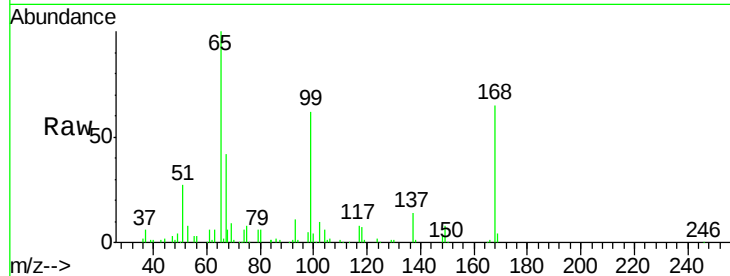




#33
 1,2-Dichloroethane-d4
 Concen: 43.88 ug/l
 RT: 5.02 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: VF059608.D
 Acq: 21 Jul 2018 3:50

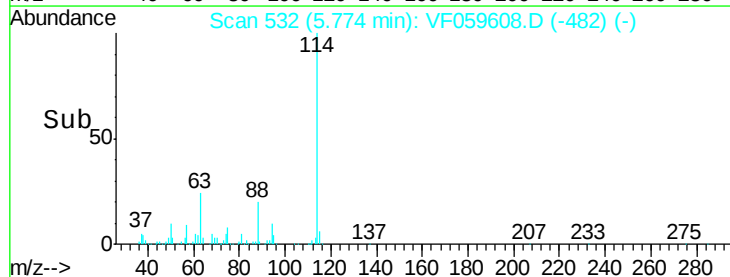
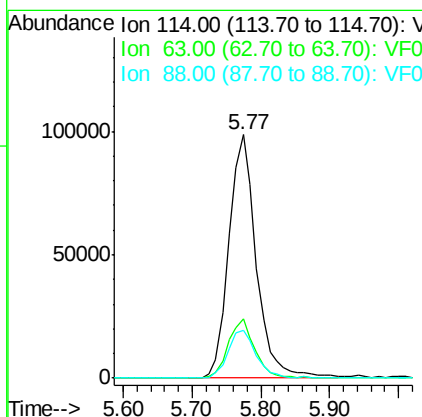
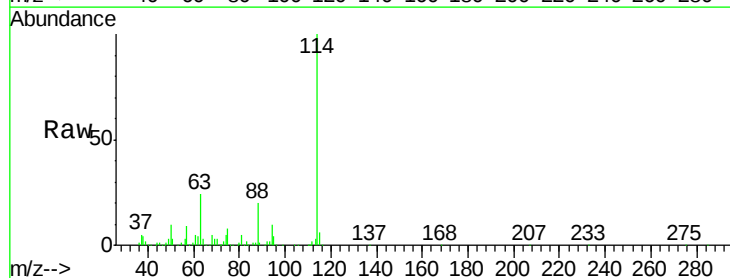
Instrument :
 MSVOA_F
 ClientSampleId :
 GL-WC-S-04

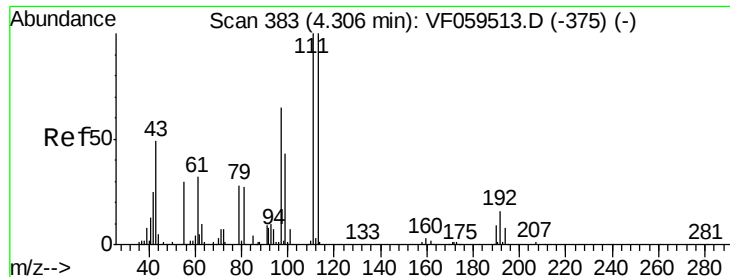
Tot Ion: 65 Resp: 129302
 Ion Ratio Lower Upper
 65 100
 67 41.6 0.0 91.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VF059608.D
 Acq: 21 Jul 2018 3:50

Tgt Ion: 114 Resp: 272692
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 44.8
 88 19.5 0.0 42.6

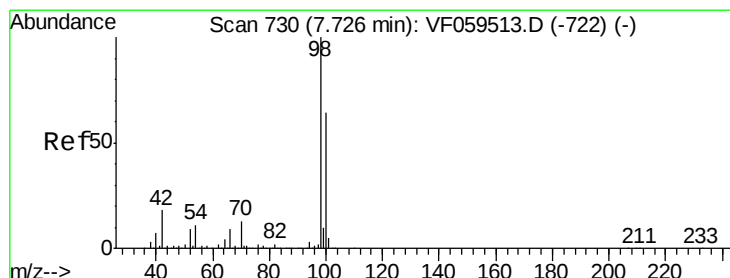
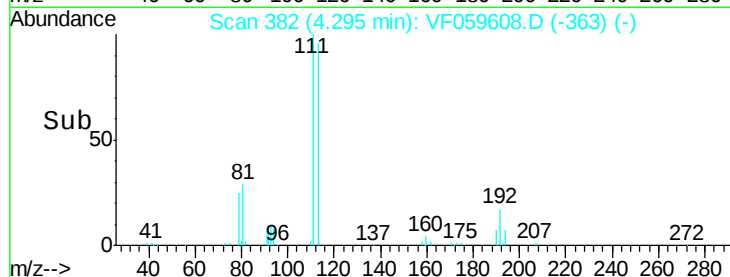
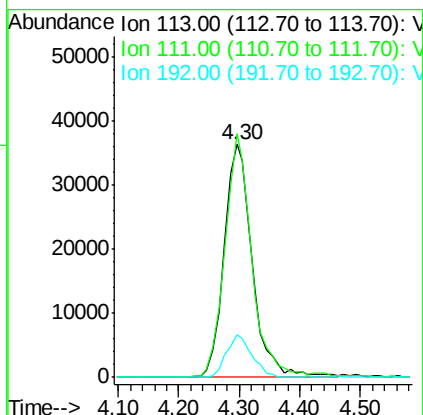
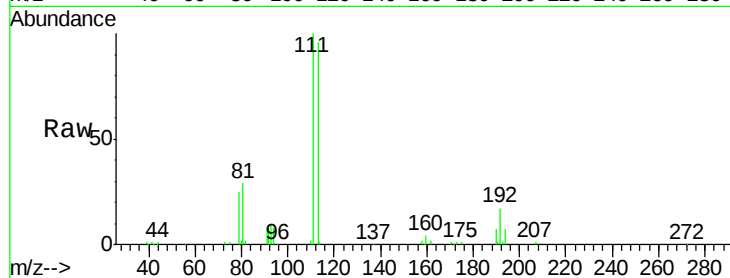




#35
Dibromofluoromethane
Concen: 49.70 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF059608.D
Acq: 21 Jul 2018 3:50

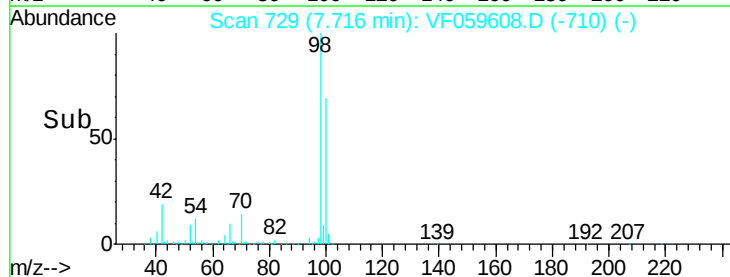
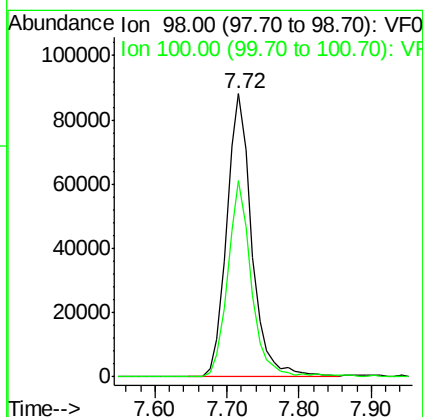
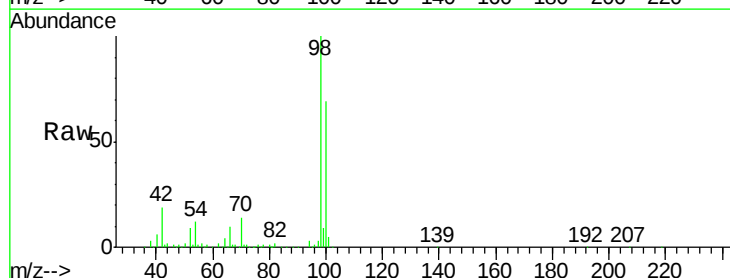
Instrument :
MSVOA_F
ClientSampleId :
GL-WC-S-04

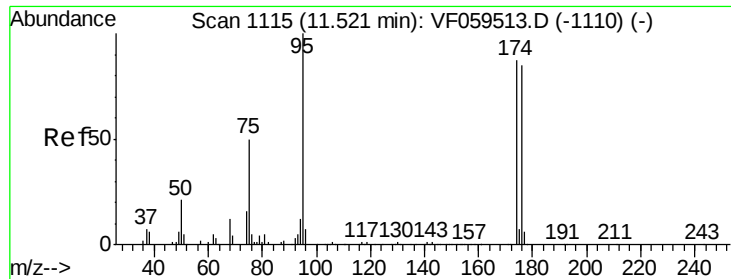
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	80.3	120.5
192	18.5	13.1	19.7



#50
Toluene-d8
Concen: 35.82 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.01 min
Lab File: VF059608.D
Acq: 21 Jul 2018 3:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.3	50.9	76.3

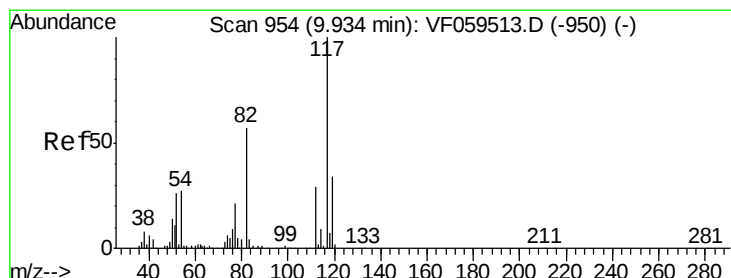
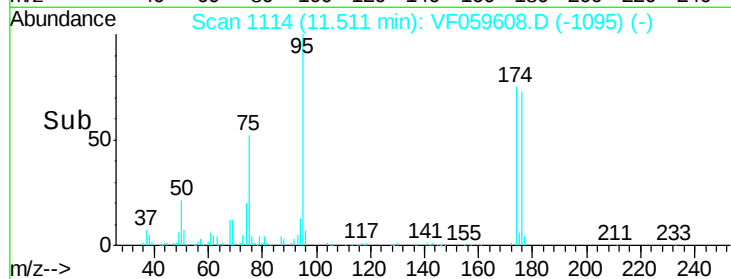
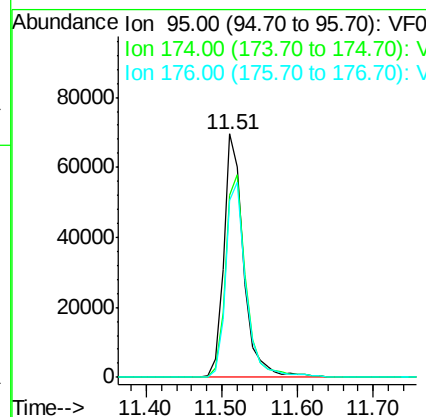
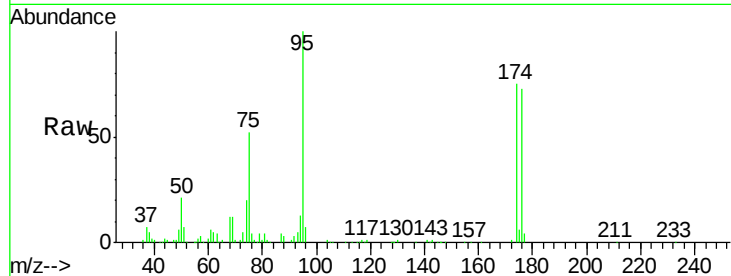




#62
4-Bromofluorobenzene
Concen: 40.88 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF059608.D
Acq: 21 Jul 2018 3:50

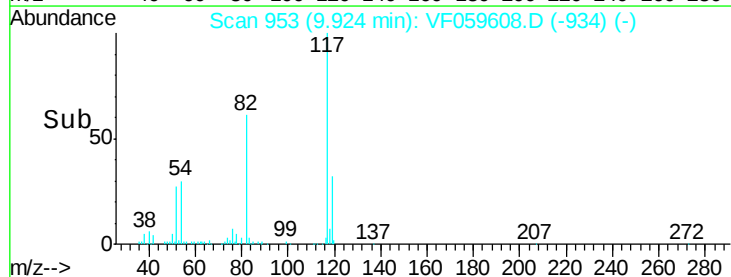
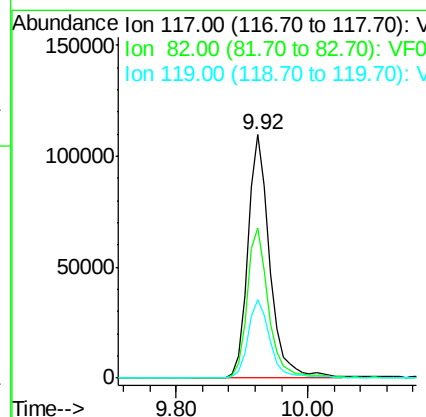
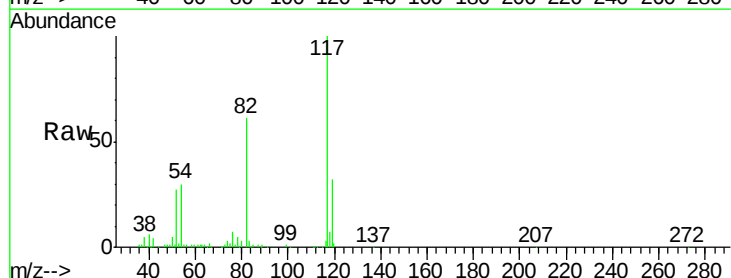
Instrument :
MSVOA_F
ClientSampled :
GL-WC-S-04

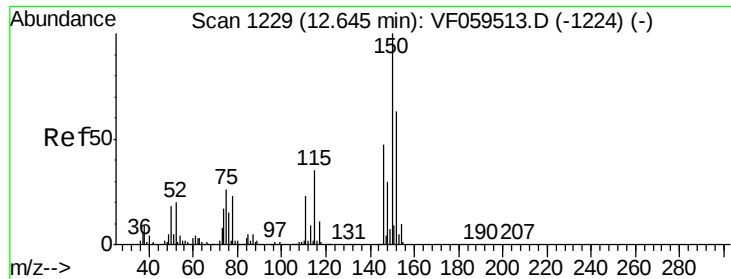
Tot Ion: 95 Resp: 127574
Ion Ratio Lower Upper
95 100
174 74.7 0.0 174.4
176 72.8 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF059608.D
Acq: 21 Jul 2018 3:50

Tgt Ion: 117 Resp: 255484
Ion Ratio Lower Upper
117 100
82 61.4 46.1 69.1
119 32.1 27.2 40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF059608.D

Acq: 21 Jul 2018 3:50

Instrument :

MSVOA_F

ClientSampleId :

GL-WC-S-04

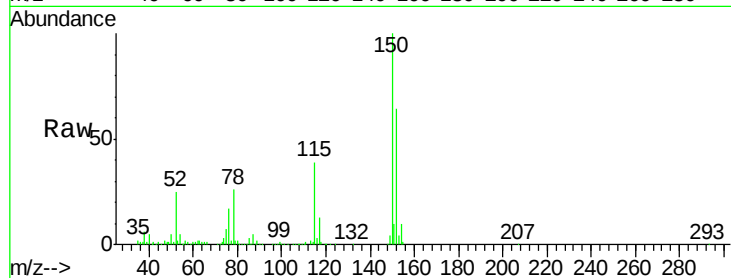
Tot Ion:152 Resp: 160742

Ion Ratio Lower Upper

152 100

115 60.2 27.8 83.3

150 155.7 0.0 318.4



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

