

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\
 Data File : VF059461.D
 Acq On : 6 Jul 2018 20:35
 Operator : VA/AP
 Sample : J3845-10
 Misc : 5.12g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GF-G-6

Quant Time: Jul 07 04:04:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	202836	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	308353	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	314634	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	212597	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.99	65	156956	59.89	ug/l	-0.02
Spiked Amount			Recovery	=	119.78%	
35) Dibromofluoromethane	4.26	113	133046	59.05	ug/l	-0.02
Spiked Amount			Recovery	=	118.10%	
50) Toluene-d8	7.68	98	287656	51.57	ug/l	-0.02
Spiked Amount			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.49	95	172020	54.67	ug/l	-0.02
Spiked Amount			Recovery	=	109.34%	

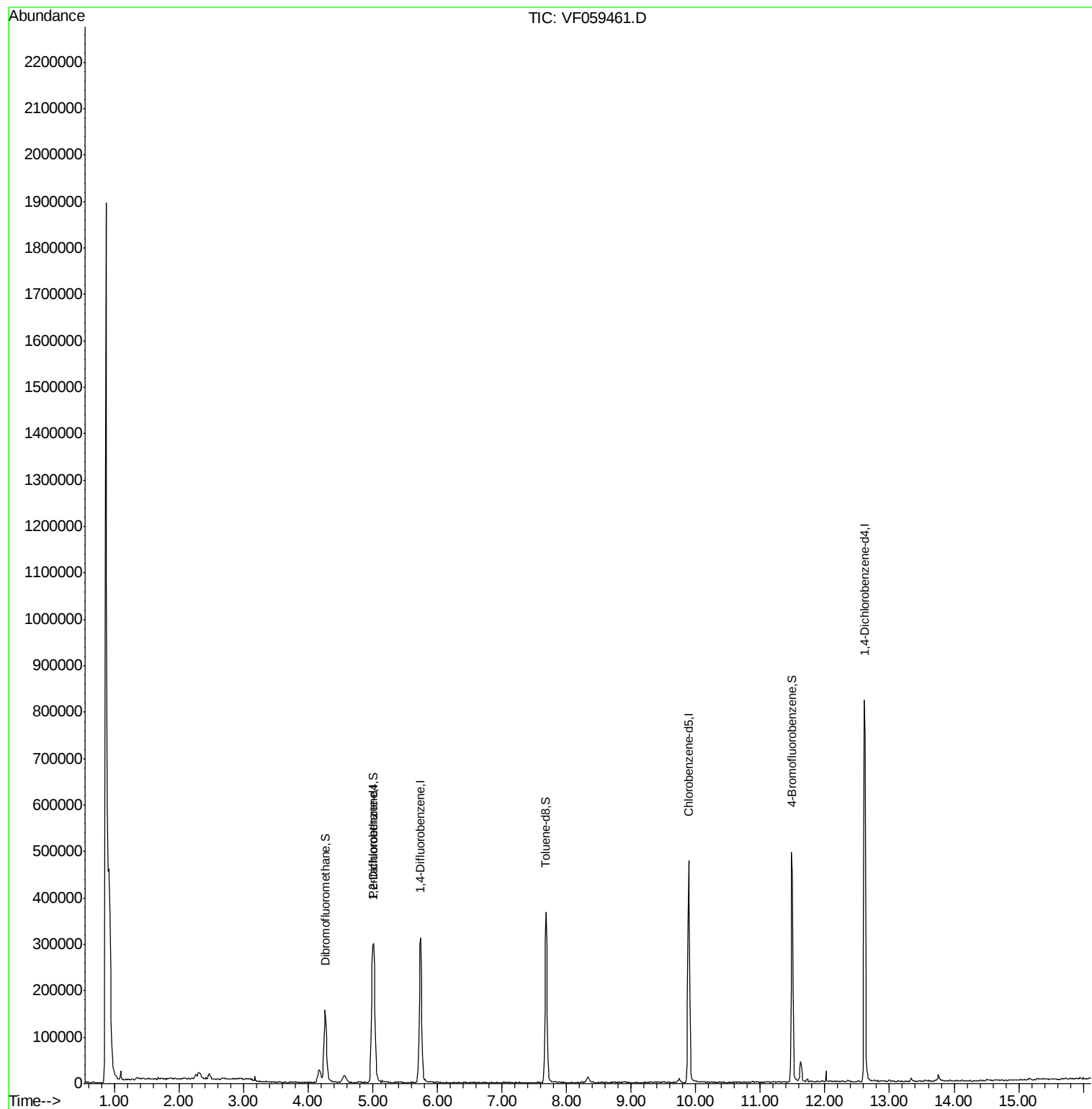
Target Compounds	Qvalue
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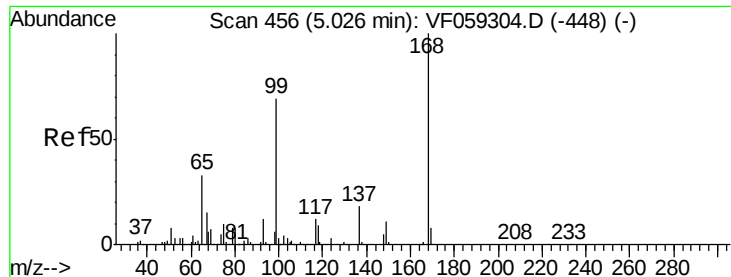
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059461.D

Acq: 6 Jul 2018 20:35

Instrument :

MSVOA_F

ClientSampleId :

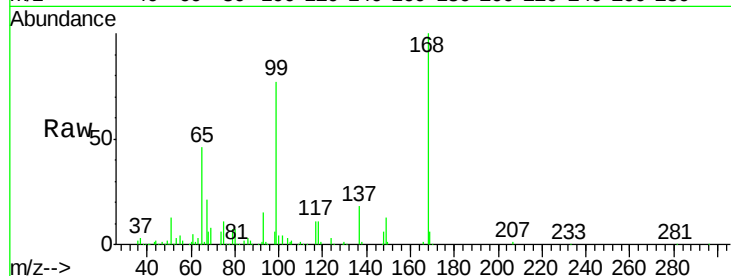
GF-G-6

Tot Ion:168 Resp: 202836

Ion Ratio Lower Upper

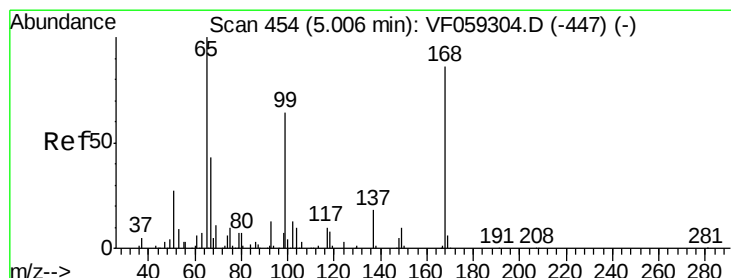
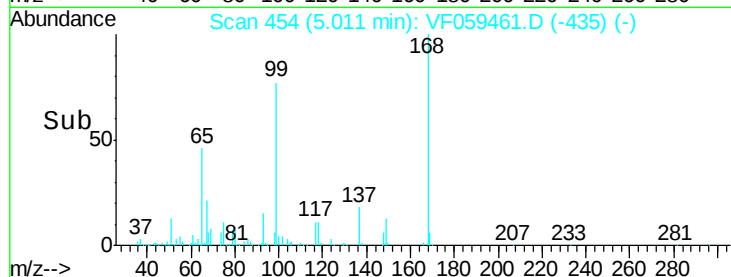
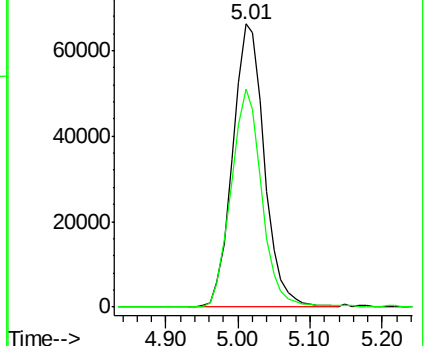
168 100

99 76.9 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 59.89 ug/l

RT: 4.99 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059461.D

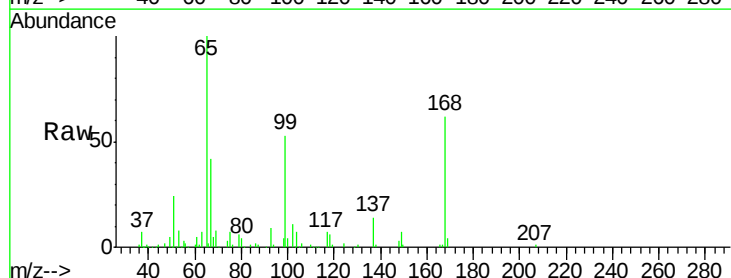
Acq: 6 Jul 2018 20:35

Tgt Ion: 65 Resp: 156956

Ion Ratio Lower Upper

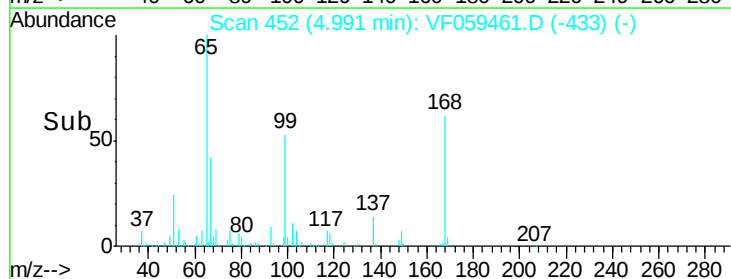
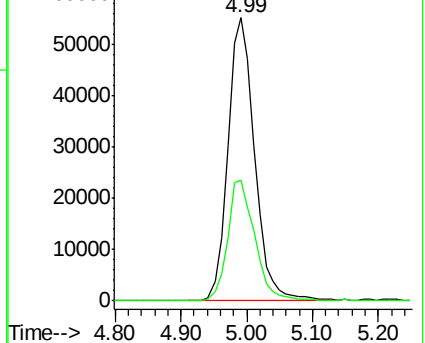
65 100

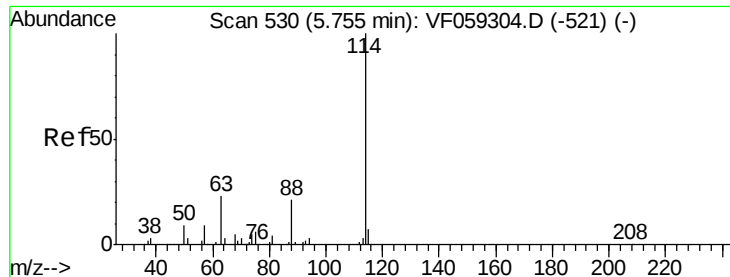
67 42.5 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

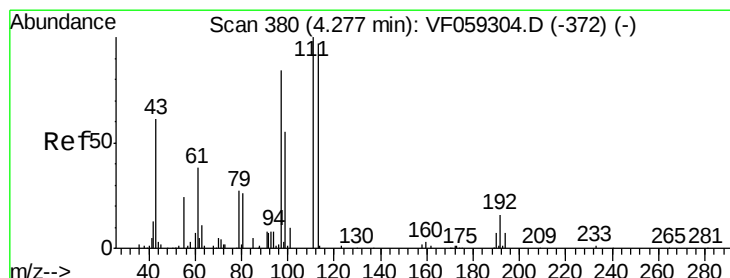
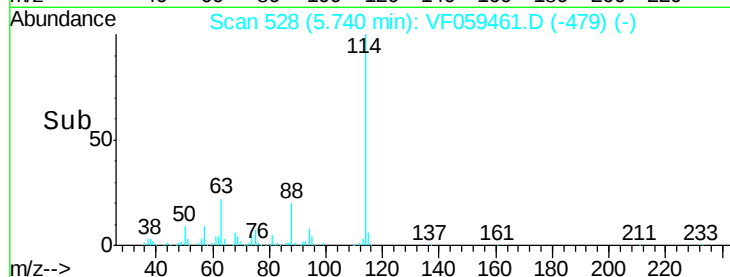
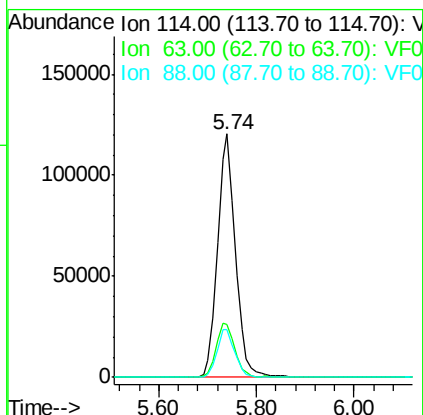
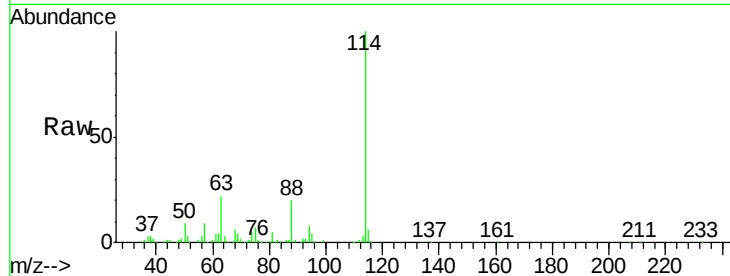




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.74 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VF059461.D
 Acq: 6 Jul 2018 20:35

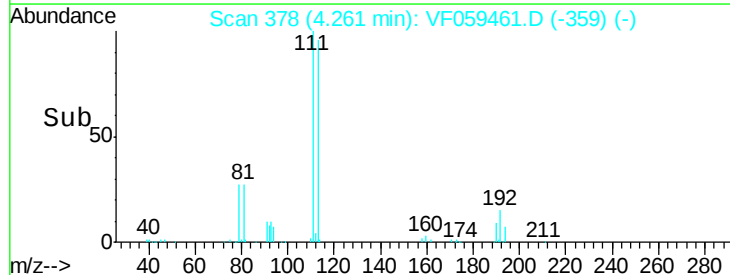
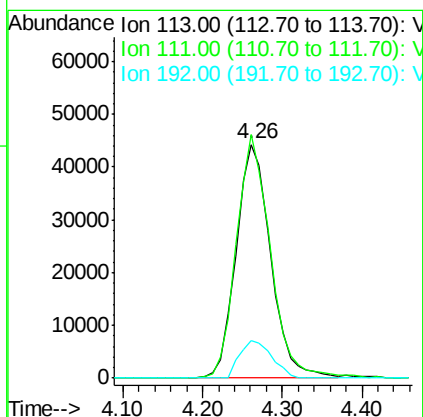
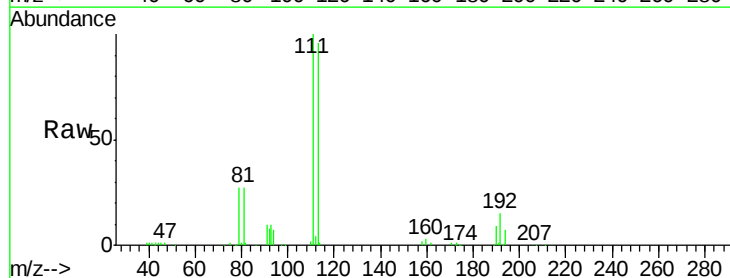
Instrument :
 MSVOA_F
 ClientSampleId :
 GF-G-6

Tot Ion:114 Resp: 308353
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.8
 88 19.6 0.0 41.2



#35
 Dibromofluoromethane
 Concen: 59.05 ug/l
 RT: 4.26 min Scan# 378
 Delta R.T. -0.02 min
 Lab File: VF059461.D
 Acq: 6 Jul 2018 20:35

Tgt Ion:113 Resp: 133046
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.1 123.1
 192 16.3 13.0 19.6





#50

Toluene-d8

Concen: 51.57 ug/l

RT: 7.68 min Scan# 725

Delta R.T. -0.02 min

Lab File: VF059461.D

Acq: 6 Jul 2018 20:35

Instrument :

MSVOA_F

ClientSampleId :

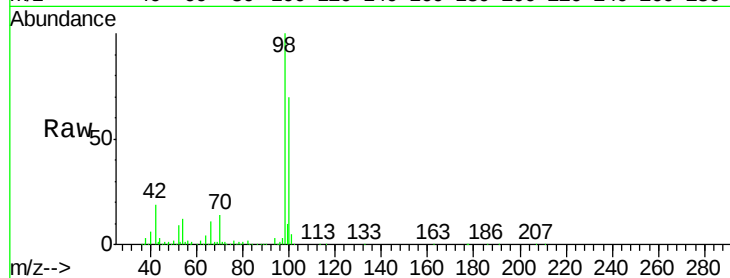
GF-G-6

Tot Ion: 98 Resp: 287656

Ion Ratio Lower Upper

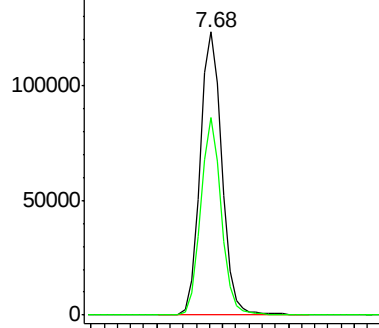
98 100

100 69.8 54.6 82.0

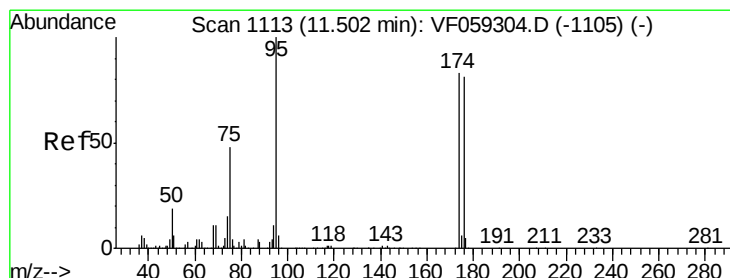
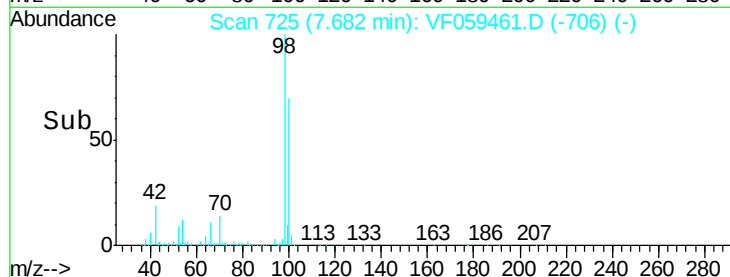


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



Time--> 7.50 7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 54.67 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF059461.D

Acq: 6 Jul 2018 20:35

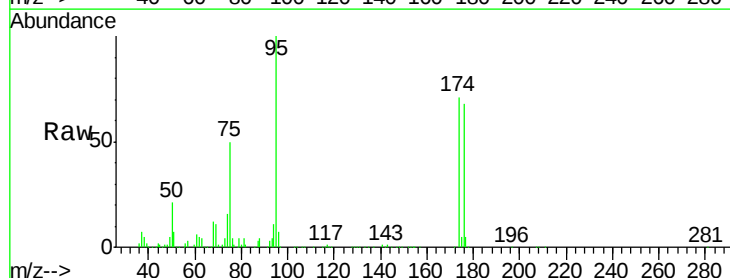
Tgt Ion: 95 Resp: 172020

Ion Ratio Lower Upper

95 100

174 70.9 0.0 165.2

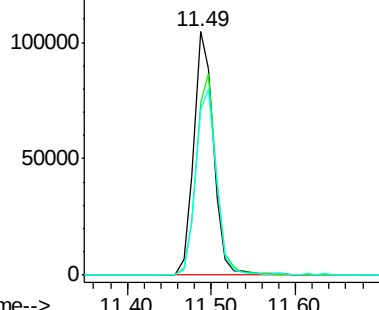
176 67.8 0.0 161.0



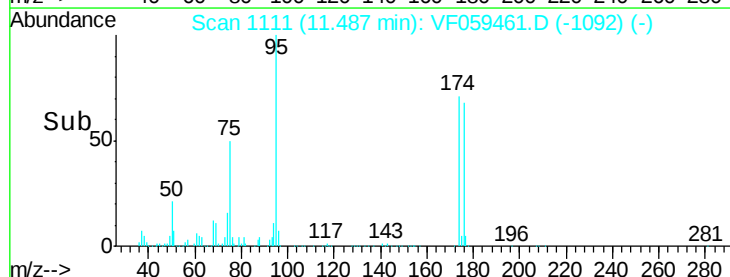
Abundance Ion 95.00 (94.70 to 95.70): VF0

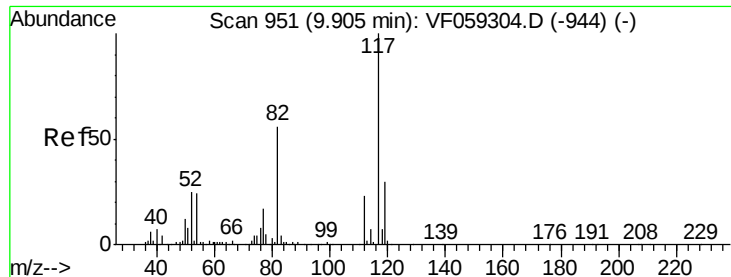
Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



Time--> 11.40 11.50 11.60

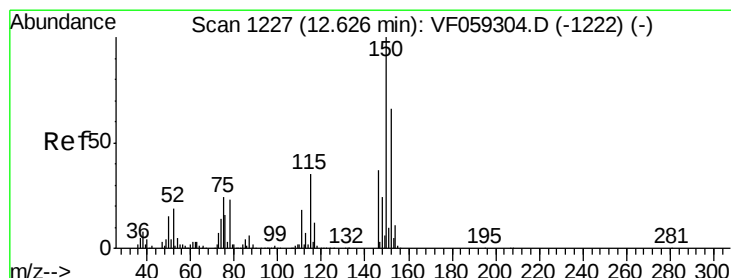
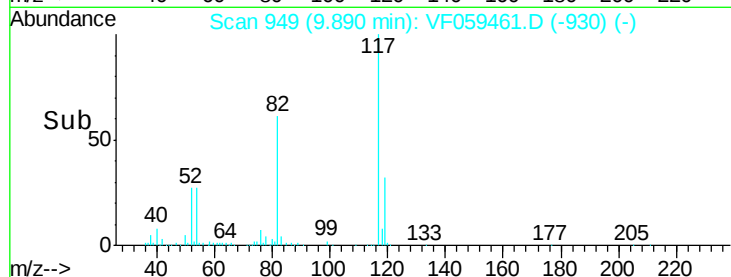
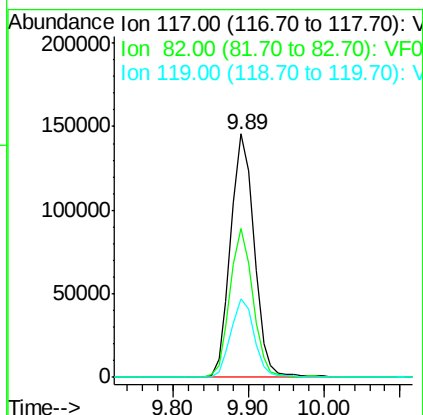
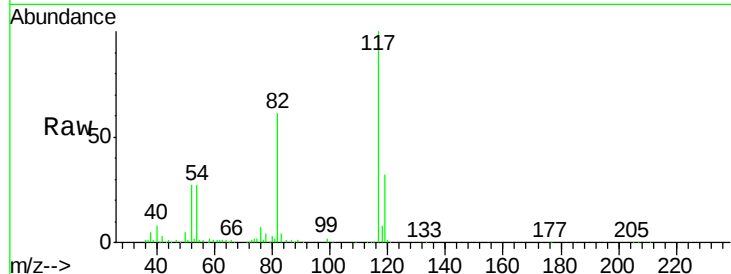




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059461.D
Acq: 6 Jul 2018 20:35

Instrument :
MSVOA_F
ClientSampleId :
GF-G-6

Tot Ion:117 Resp: 314634
Ion Ratio Lower Upper
117 100
82 61.1 44.6 66.8
119 32.1 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059461.D
Acq: 6 Jul 2018 20:35

Tgt Ion:152 Resp: 212597
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.3
150 156.0 0.0 305.2

