

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
 Data File : VF059421.D
 Acq On : 3 Jul 2018 19:25
 Operator : VA/AP
 Sample : J3845-05
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GF-G-1

Quant Time: Jul 05 14:52:48 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	225946	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.74	114	337988	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	343686	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	219697	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	169117	57.93	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.86%	
35) Dibromofluoromethane	4.27	113	150033	60.75	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	121.50%	
50) Toluene-d8	7.68	98	327888	53.63	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.26%	
62) 4-Bromofluorobenzene	11.49	95	185619	53.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.64%	

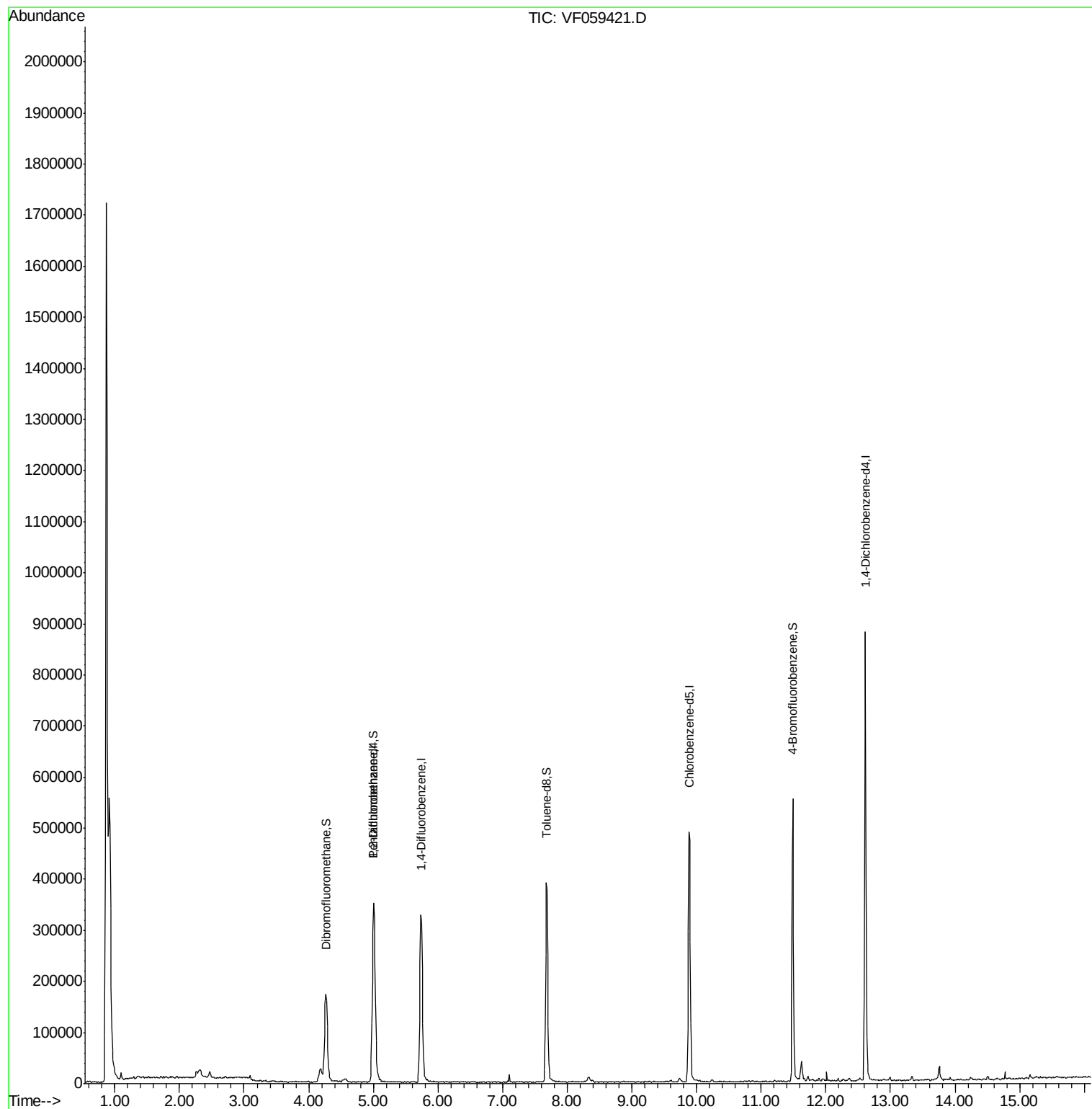
Target Compounds	Qvalue

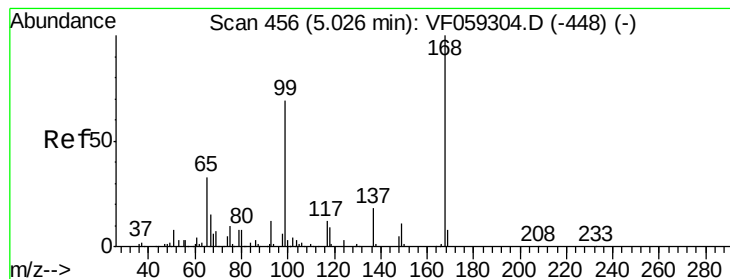
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059421.D

Acq: 3 Jul 2018 19:25

Instrument :

MSVOA_F

ClientSampleId :

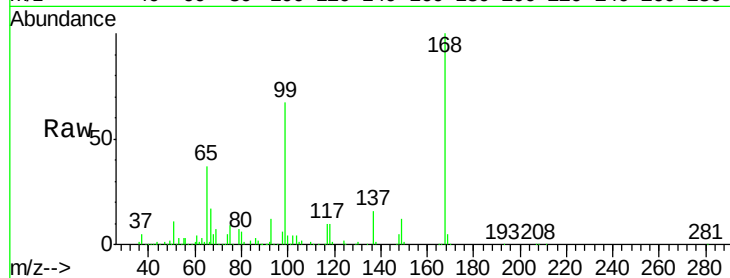
GF-G-1

Tot Ion:168 Resp: 225946

Ion Ratio Lower Upper

168 100

99 66.6 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.01

80000

60000

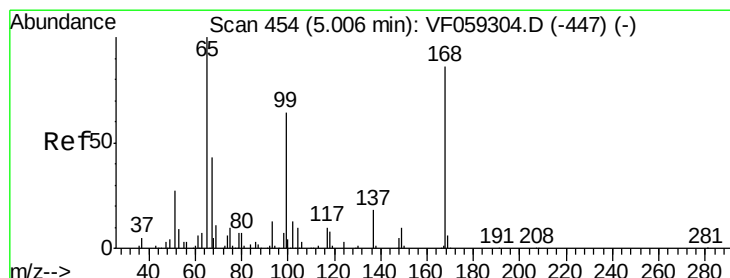
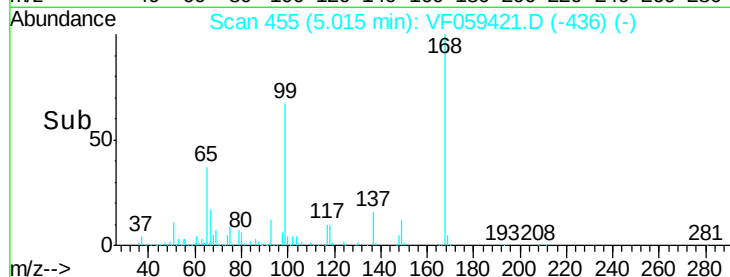
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 57.933 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059421.D

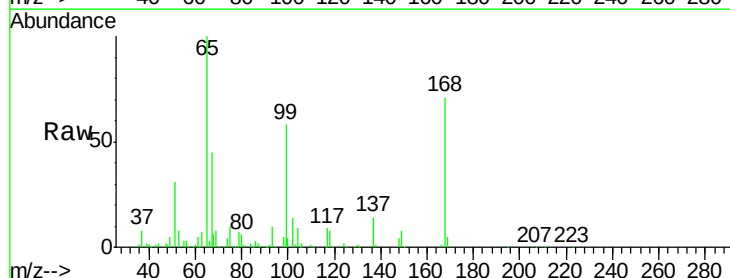
Acq: 3 Jul 2018 19:25

Tgt Ion: 65 Resp: 169117

Ion Ratio Lower Upper

65 100

67 45.3 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

60000

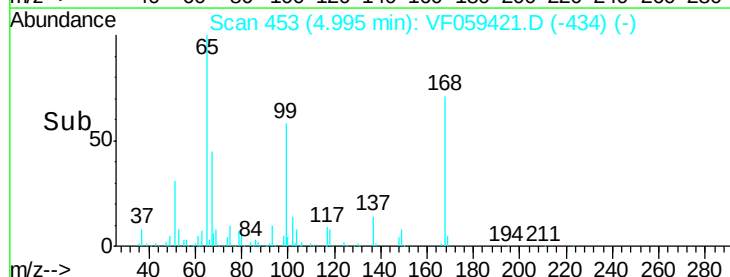
40000

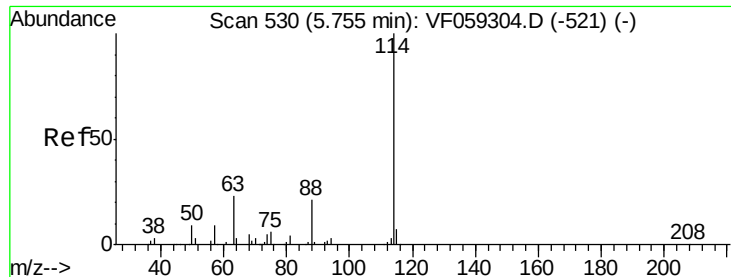
20000

0

Time-->

4.80 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.74 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059421.D

Acq: 3 Jul 2018 19:25

Instrument :

MSVOA_F

ClientSampleId :

GF-G-1

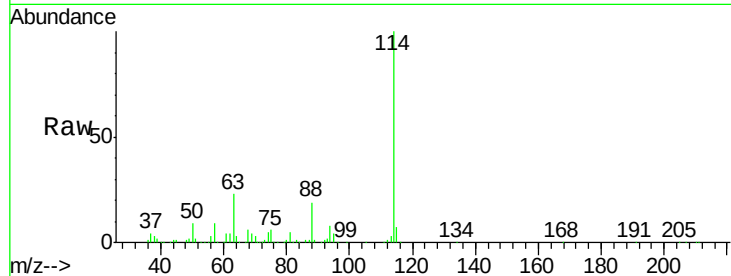
Tot Ion:114 Resp: 337988

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.8

88 19.1 0.0 41.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

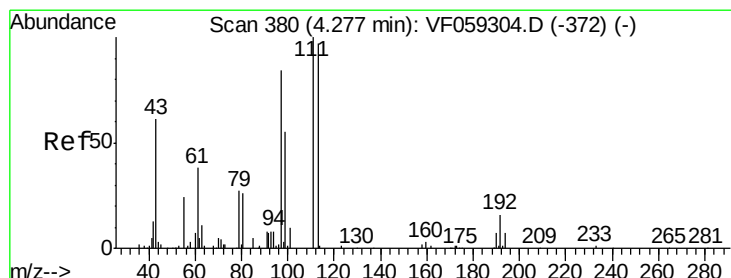
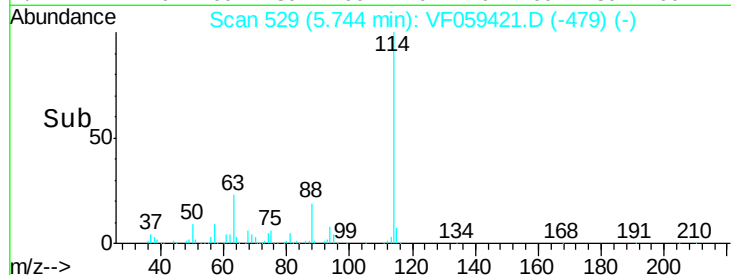
5.74

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 60.753 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059421.D

Acq: 3 Jul 2018 19:25

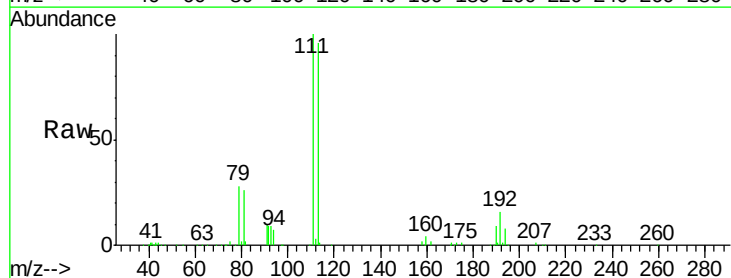
Tgt Ion:113 Resp: 150033

Ion Ratio Lower Upper

113 100

111 104.0 82.1 123.1

192 16.9 13.0 19.6



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

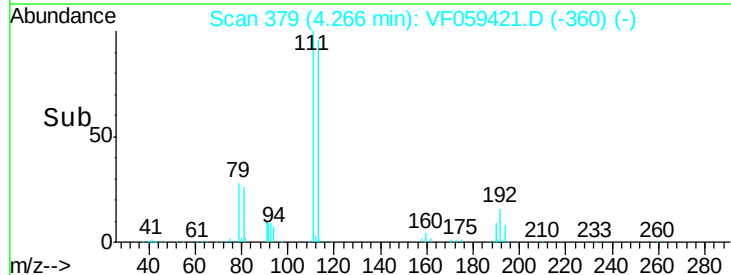
4.27

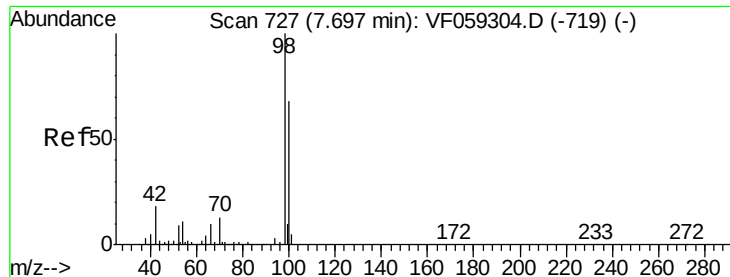
40000

20000

0

Time-->

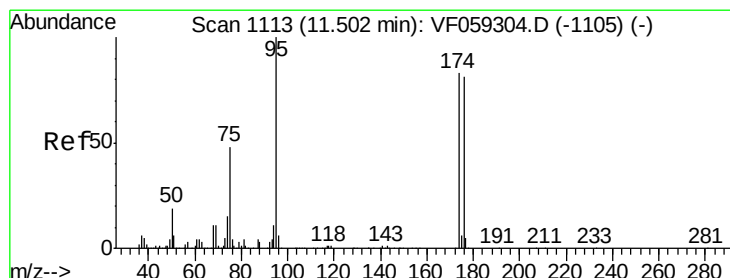
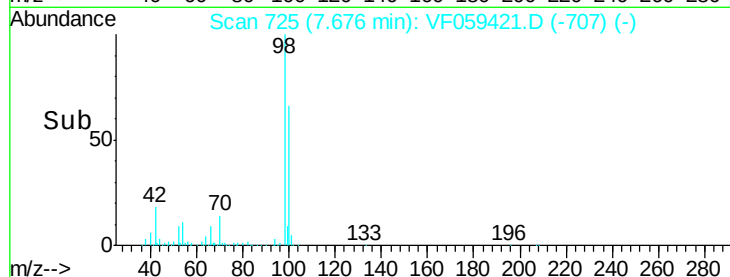
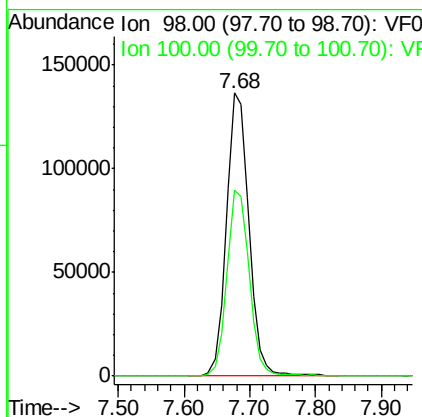
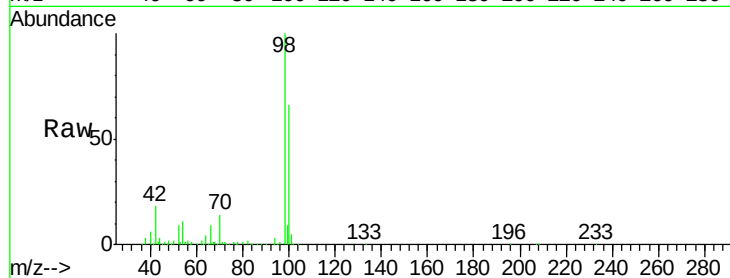




#50
Toluene-d8
Concen: 53.626 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059421.D
Acq: 3 Jul 2018 19:25

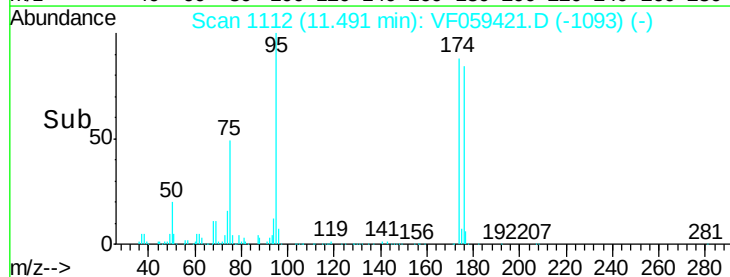
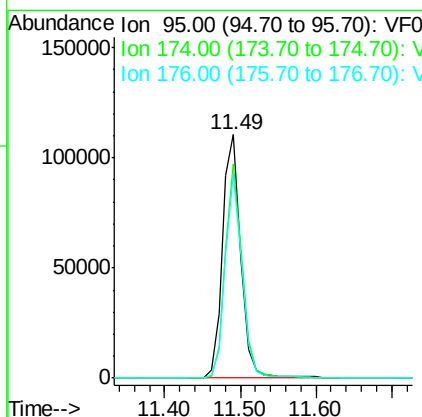
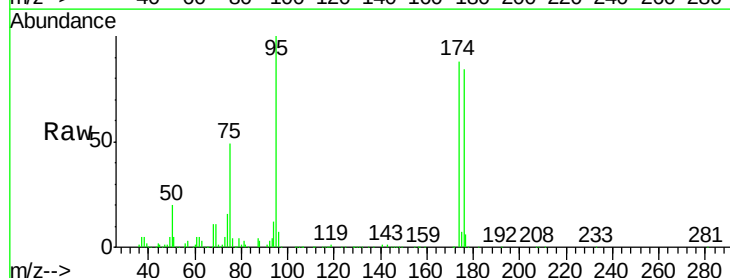
Instrument :
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GF-G-1

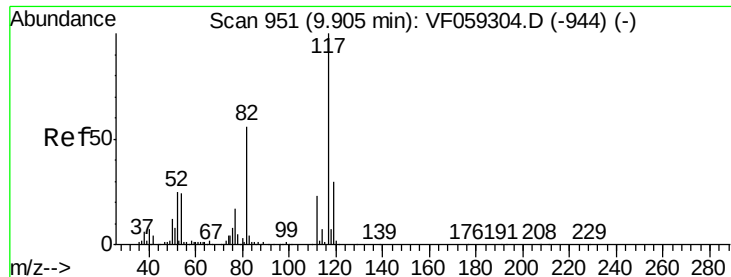
Tot Ion: 98 Resp: 327888
Ion Ratio Lower Upper
98 100
100 65.9 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 53.817 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059421.D
Acq: 3 Jul 2018 19:25

Tgt Ion: 95 Resp: 185619
Ion Ratio Lower Upper
95 100
174 87.9 0.0 165.2
176 83.9 0.0 161.0

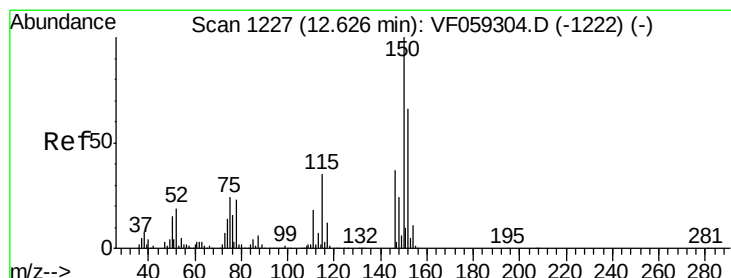
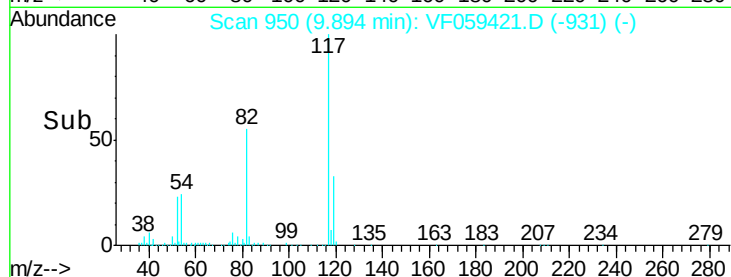
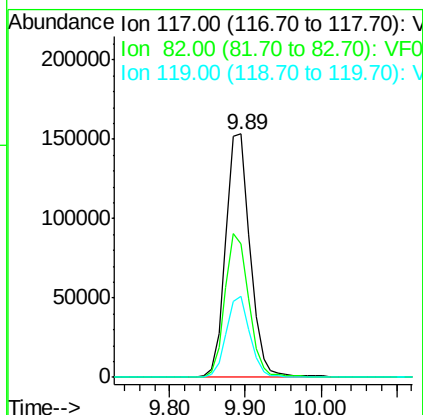
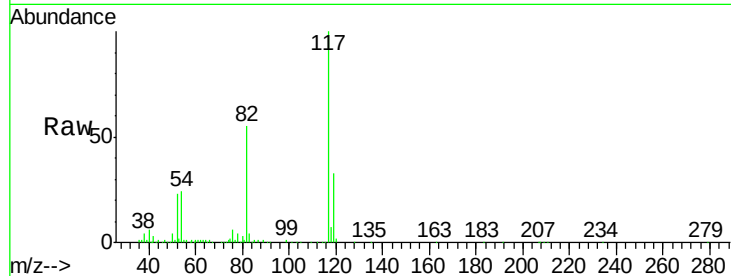




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059421.D
Acq: 3 Jul 2018 19:25

Instrument :
MSVOA_F
ClientSampleId :
GF-G-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	66.8
119	33.4	24.1	36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059421.D
Acq: 3 Jul 2018 19:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	27.1	81.3
150	152.3	0.0	305.2

