

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
 Data File : VF059425.D
 Acq On : 3 Jul 2018 21:15
 Operator : VA/AP
 Sample : J3845-09
 Misc : 5.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GF-G-5

Quant Time: Jul 04 02:08:27 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	5.00	168	3829	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.73	114	3512	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.88	117	2138	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	384	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		4.97	65	458	9.26	ug/l	-0.04
Spiked Amount	50.000			Recovery	=	18.52%	
35) Dibromofluoromethane		4.24	113	746	29.07	ug/l	-0.04
Spiked Amount	50.000			Recovery	=	58.14%	
50) Toluene-d8		7.67	98	3079	48.46	ug/l	-0.03
Spiked Amount	50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene		11.48	95	616	17.19	ug/l	-0.02
Spiked Amount	50.000			Recovery	=	34.38%	

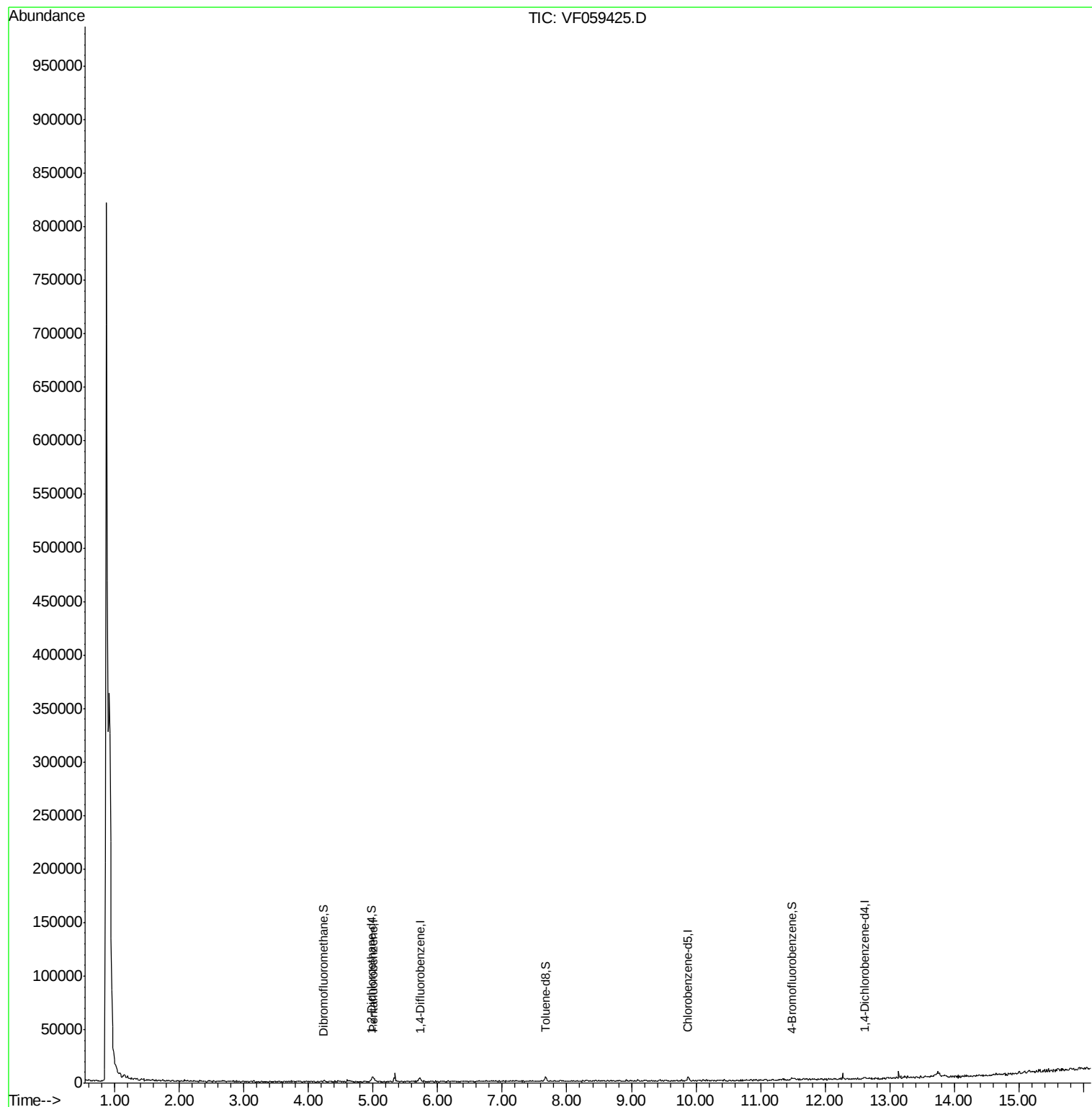
Target Compounds	Qvalue
------------------	--------

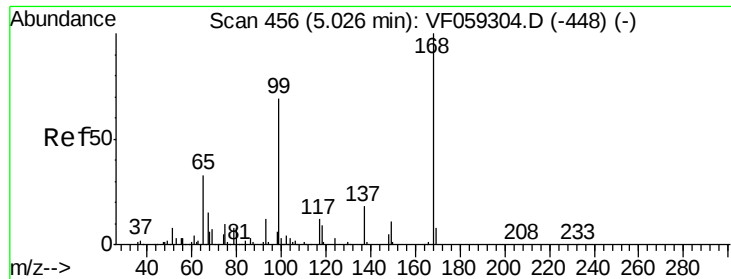
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070318\
Data File : VF059425.D
Acq On : 3 Jul 2018 21:15
Operator : VA/AP
Sample : J3845-09
Misc : 5.05g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
GF-G-5

Quant Time: Jul 04 02:08:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
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: 5.00 min Scan# 453

Delta R.T. -0.03 min

Lab File: VF059425.D

Acq: 3 Jul 2018 21:15

Instrument :

MSVOA_F

ClientSampleId :

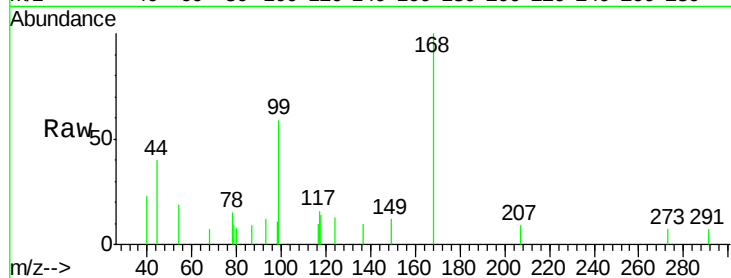
GF-G-5

Tot Ion:168 Resp: 3829

Ion Ratio Lower Upper

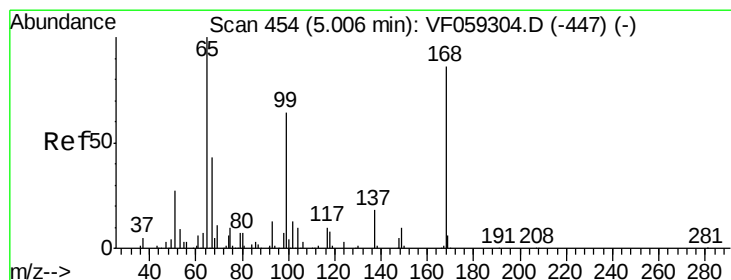
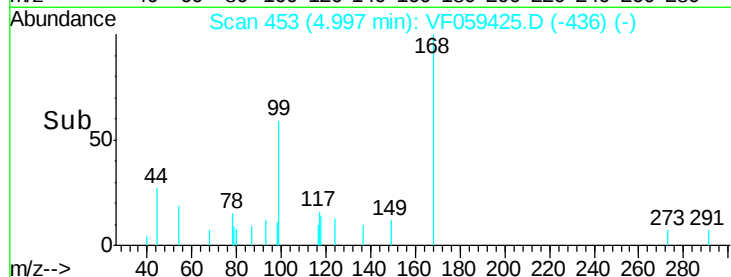
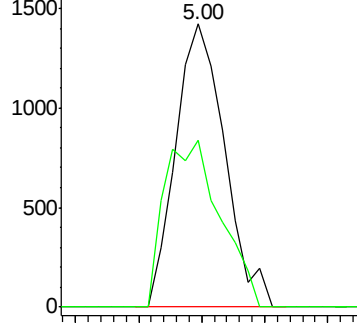
168 100

99 59.1 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: 9.258 ug/l

RT: 4.97 min Scan# 450

Delta R.T. -0.04 min

Lab File: VF059425.D

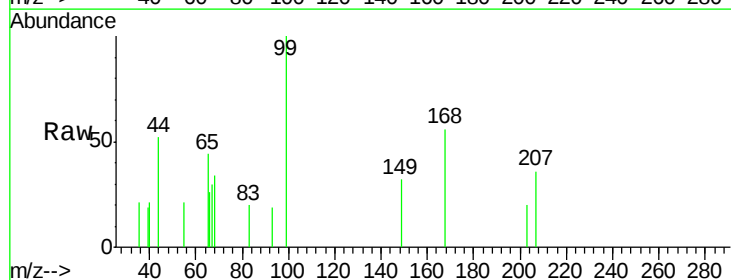
Acq: 3 Jul 2018 21:15

Tgt Ion: 65 Resp: 458

Ion Ratio Lower Upper

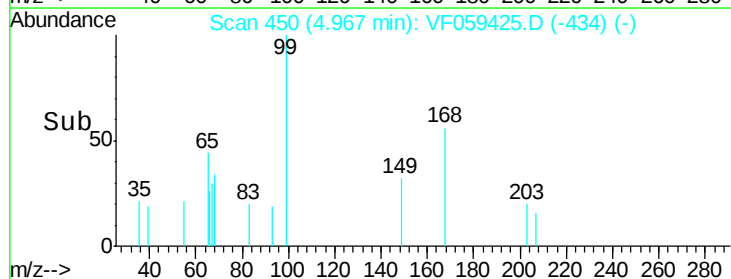
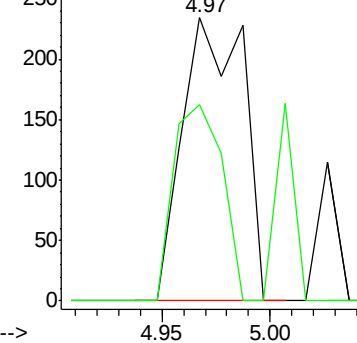
65 100

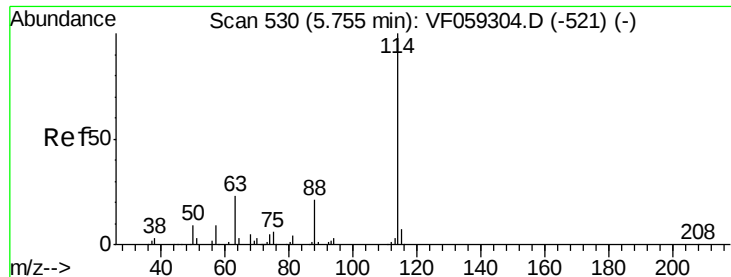
67 69.2 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.73 min Scan# 527

Delta R.T. -0.03 min

Lab File: VF059425.D

Acq: 3 Jul 2018 21:15

Instrument :

MSVOA_F

ClientSampleId :

GF-G-5

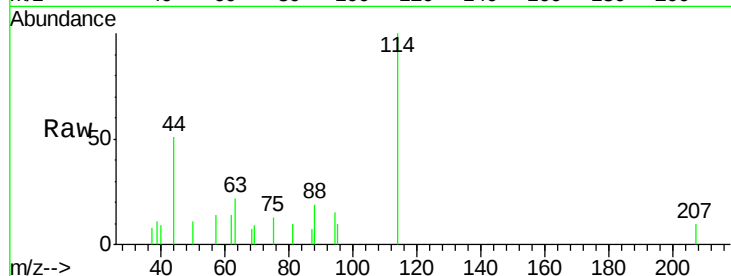
Tot Ion:114 Resp: 3512

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.8

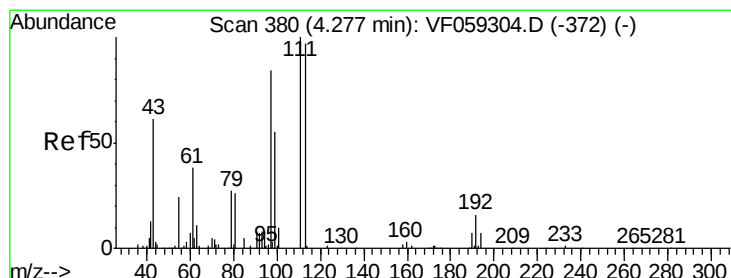
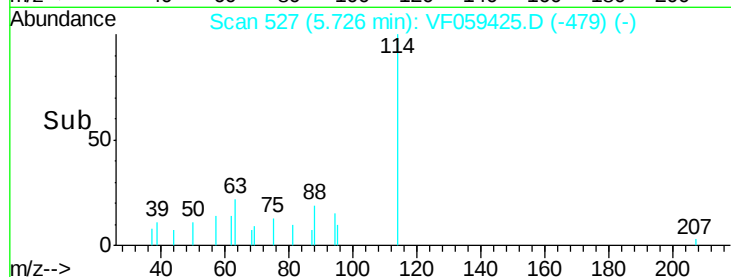
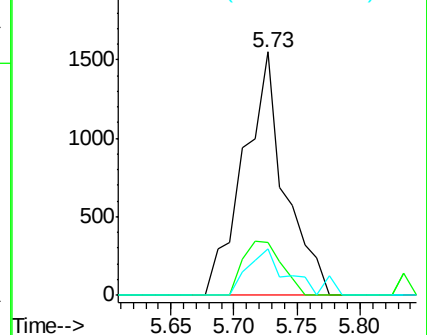
88 19.1 0.0 41.2



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



#35

Dibromofluoromethane

Concen: 29.071 ug/l

RT: 4.24 min Scan# 376

Delta R.T. -0.04 min

Lab File: VF059425.D

Acq: 3 Jul 2018 21:15

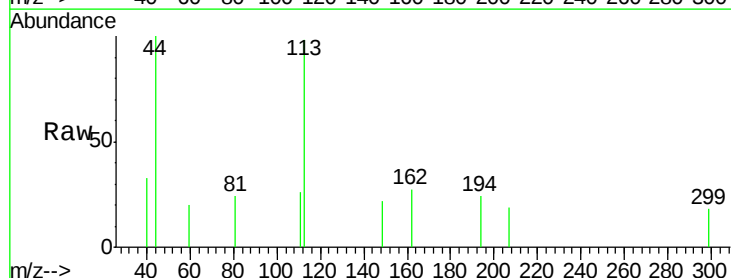
Tgt Ion:113 Resp: 746

Ion Ratio Lower Upper

113 100

111 26.2 82.1 123.1#

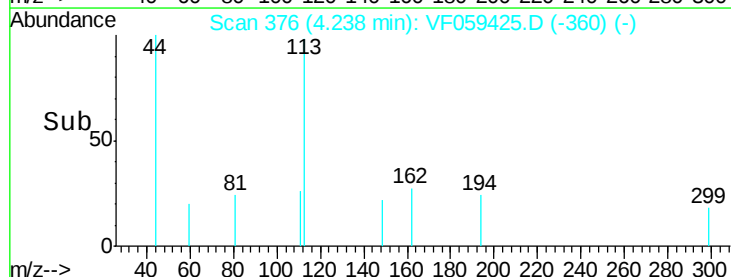
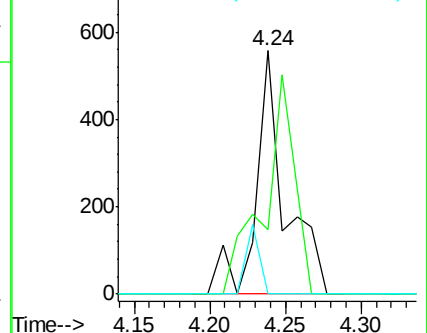
192 0.0 13.0 19.6#

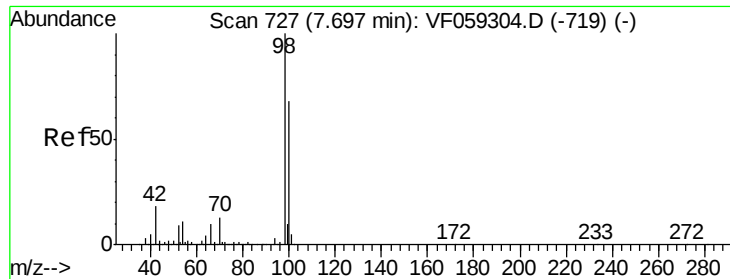


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

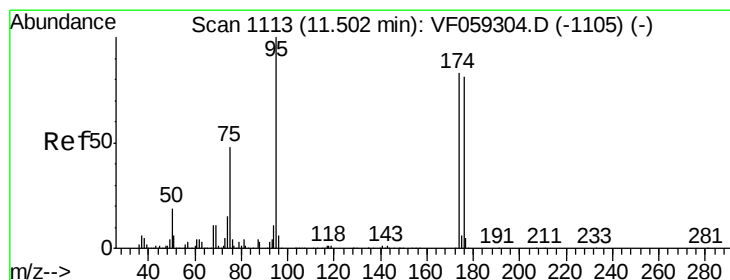
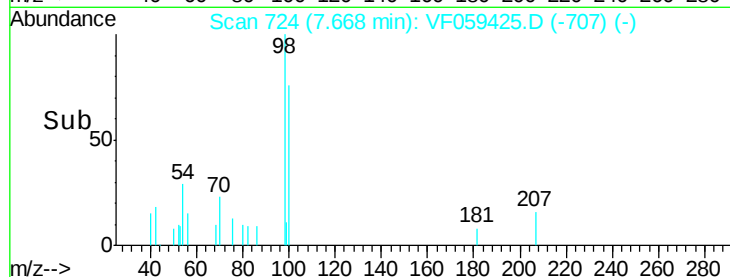
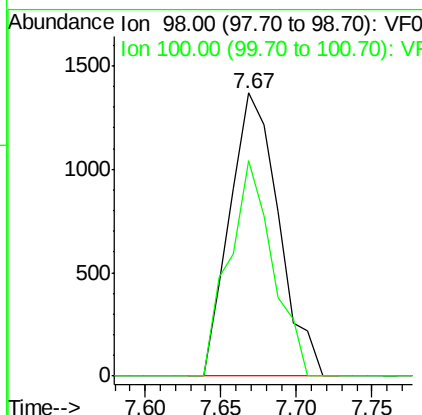
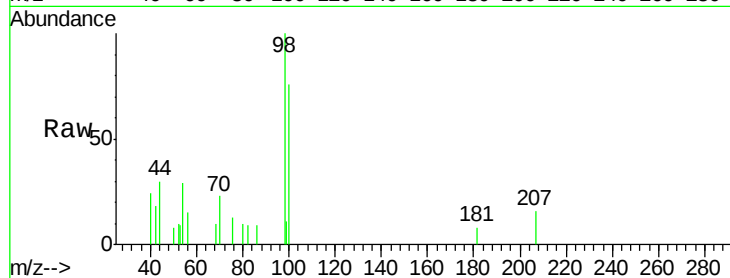




#50
Toluene-d8
Concen: 48.462 ug/l
RT: 7.67 min Scan# 724
Delta R.T. -0.03 min
Lab File: VF059425.D
Acq: 3 Jul 2018 21:15

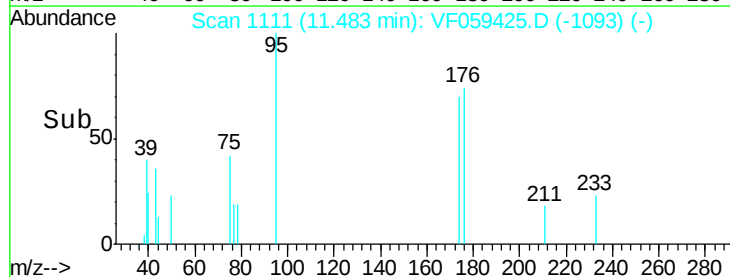
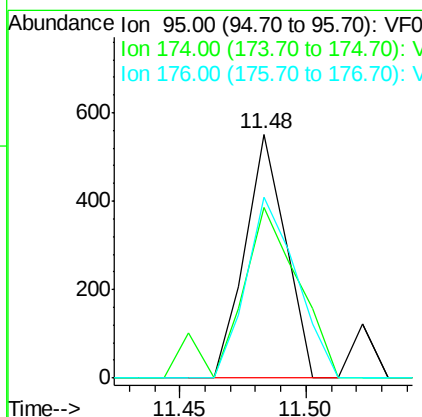
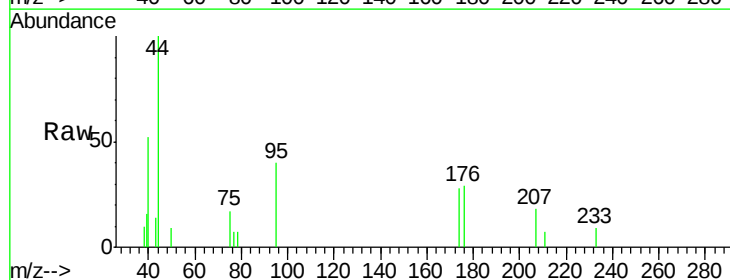
Instrument :
MSVOA_F
ClientSampleId :
GF-G-5

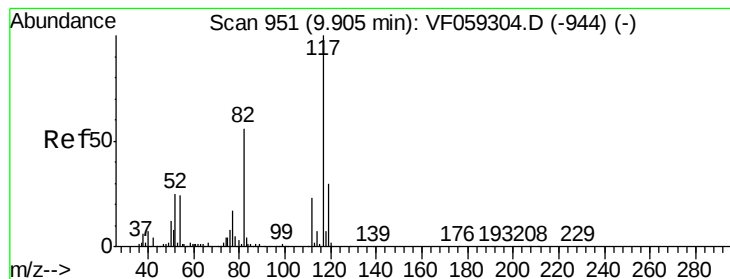
Tot Ion: 98 Resp: 3079
Ion Ratio Lower Upper
98 100
100 76.2 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 17.188 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF059425.D
Acq: 3 Jul 2018 21:15

Tgt Ion: 95 Resp: 616
Ion Ratio Lower Upper
95 100
174 70.2 0.0 165.2
176 74.2 0.0 161.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.88 min Scan# 948

Delta R.T. -0.03 min

Lab File: VF059425.D

Acq: 3 Jul 2018 21:15

Instrument :

MSVOA_F

ClientSampleId :

GF-G-5

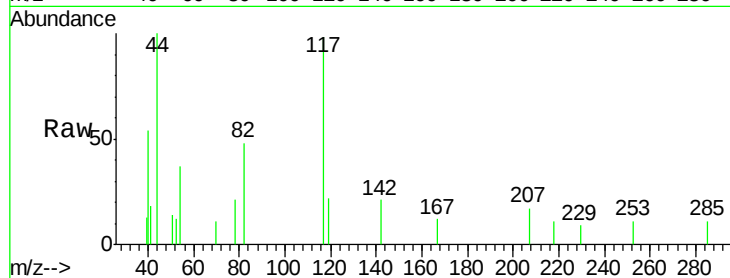
Tot Ion:117 Resp: 2138

Ion Ratio Lower Upper

117 100

82 48.6 44.6 66.8

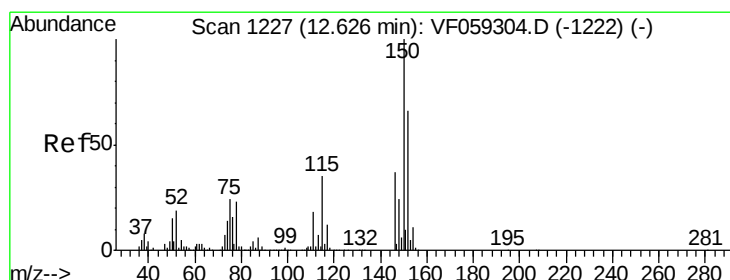
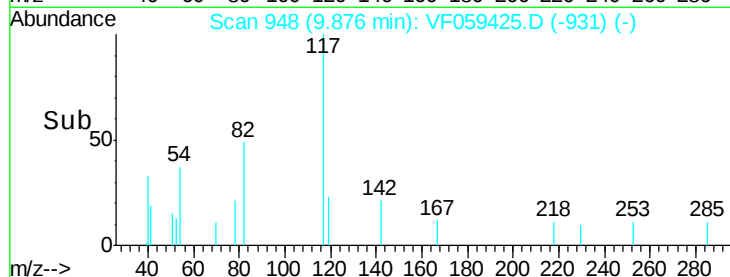
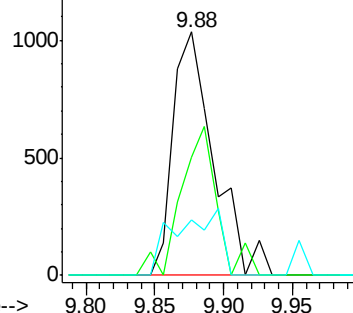
119 22.6 24.1 36.1#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF059425.D

Acq: 3 Jul 2018 21:15

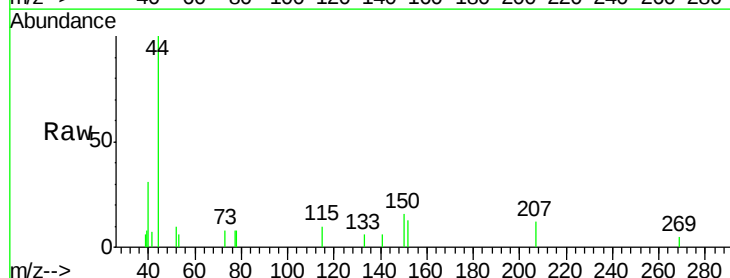
Tgt Ion:152 Resp: 384

Ion Ratio Lower Upper

152 100

115 80.8 27.1 81.3

150 120.3 0.0 305.2



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

