

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
 Data File : VF059438.D
 Acq On : 5 Jul 2018 17:08
 Operator : VA/AP
 Sample : J3845-12
 Misc : 5.02g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GF-G-8

Quant Time: Jul 06 08:31:45 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	232159	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.73	114	343399	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	345109	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	224471	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	165362	55.13	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	110.26%	
35) Dibromofluoromethane	4.25	113	147622	58.83	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	117.66%	
50) Toluene-d8	7.67	98	301474	48.53	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	97.06%	
62) 4-Bromofluorobenzene	11.49	95	189900	54.19	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	108.38%	

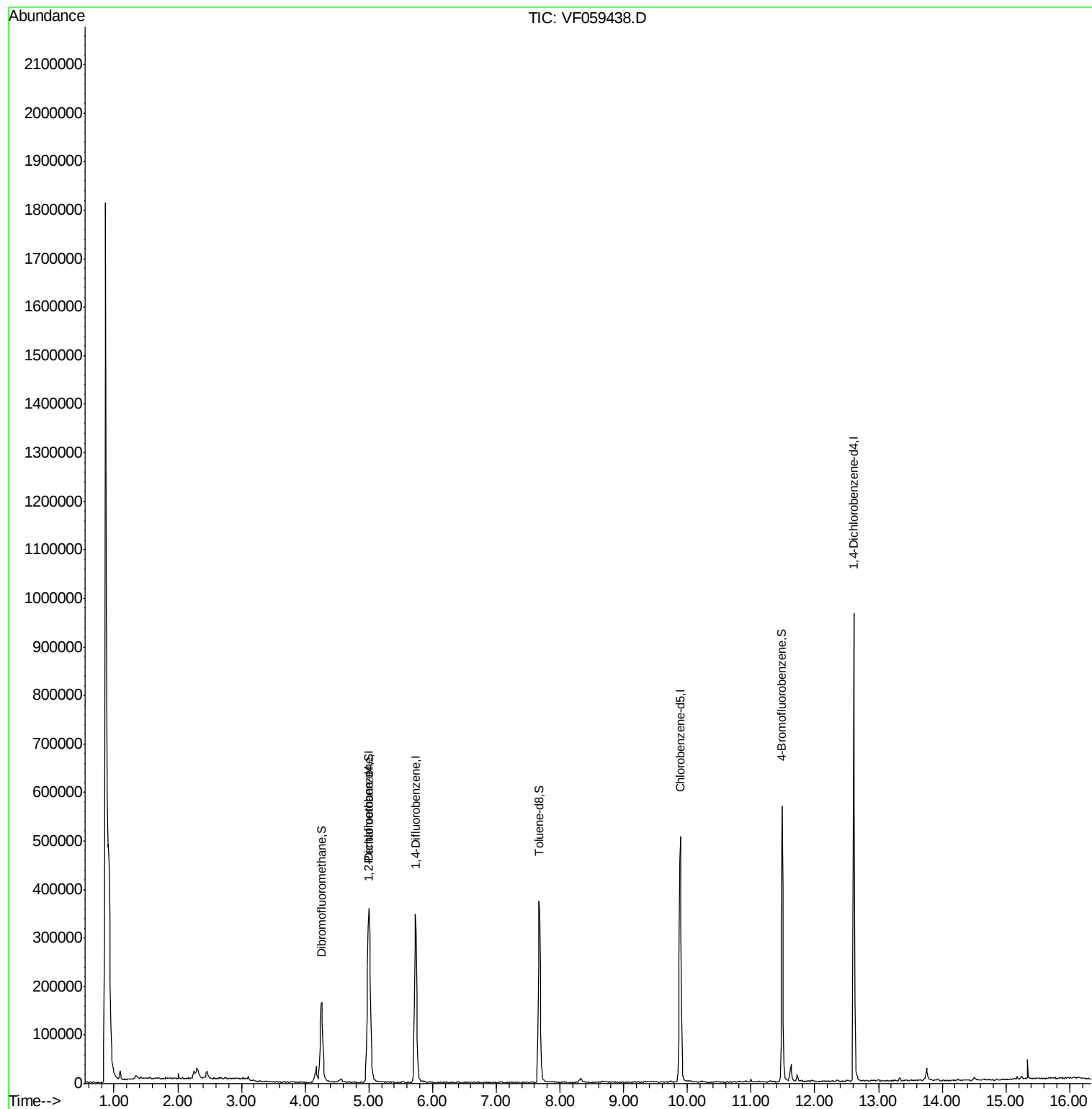
Target Compounds	Qvalue

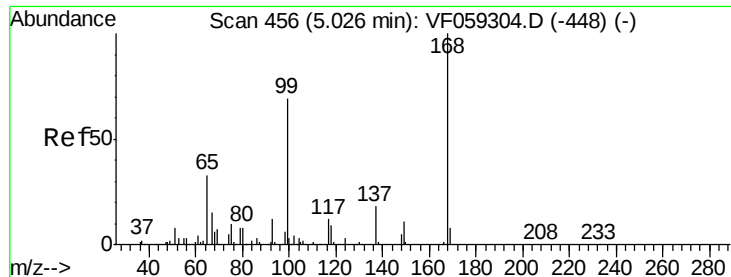
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070518\
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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059438.D

Acq: 5 Jul 2018 17:08

Instrument :

MSVOA_F

ClientSampleId :

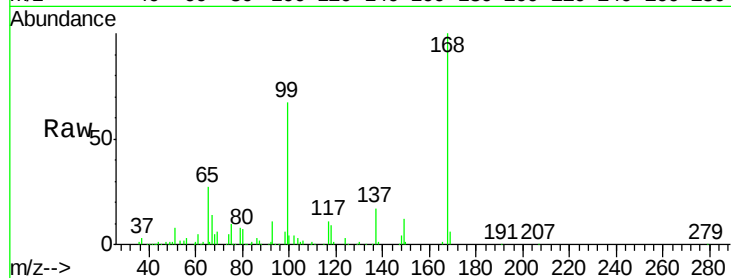
GF-G-8

Tot Ion:168 Resp: 232159

Ion Ratio Lower Upper

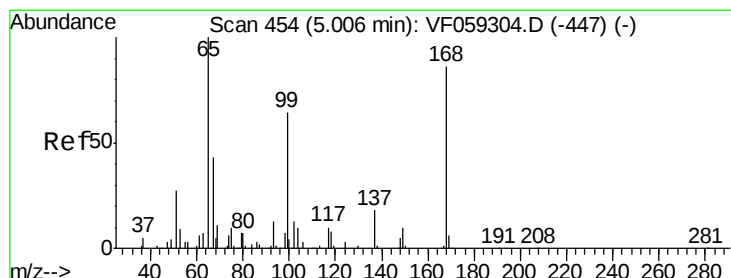
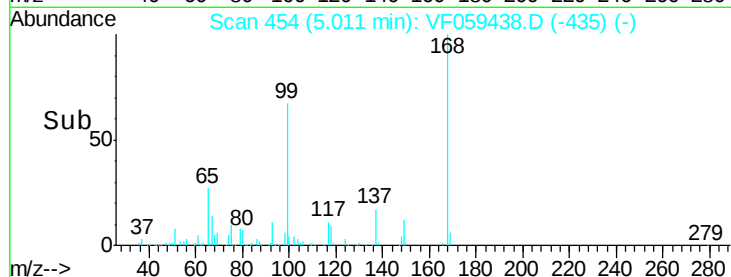
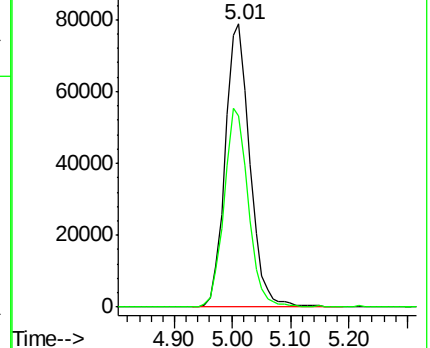
168 100

99 67.5 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: 55.131 ug/l

RT: 4.98 min Scan# 451

Delta R.T. -0.03 min

Lab File: VF059438.D

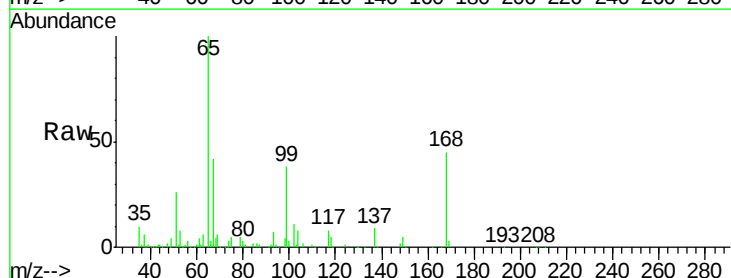
Acq: 5 Jul 2018 17:08

Tgt Ion: 65 Resp: 165362

Ion Ratio Lower Upper

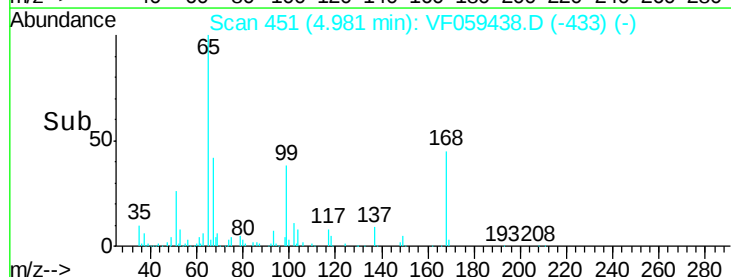
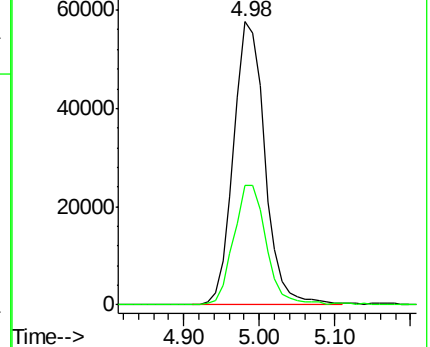
65 100

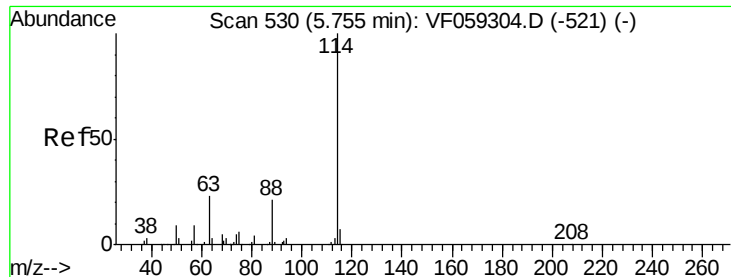
67 42.0 0.0 96.8



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: VF059438.D

Acq: 5 Jul 2018 17:08

Instrument :

MSVOA_F

ClientSampleId :

GF-G-8

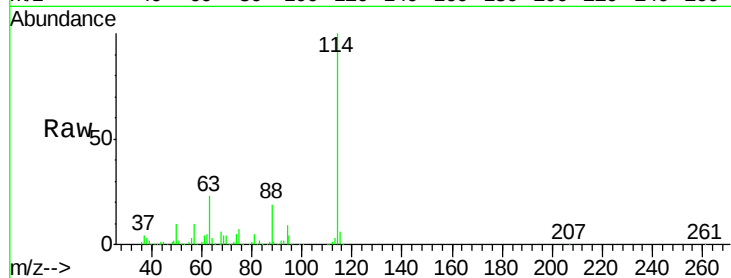
Tot Ion:114 Resp: 343399

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.8

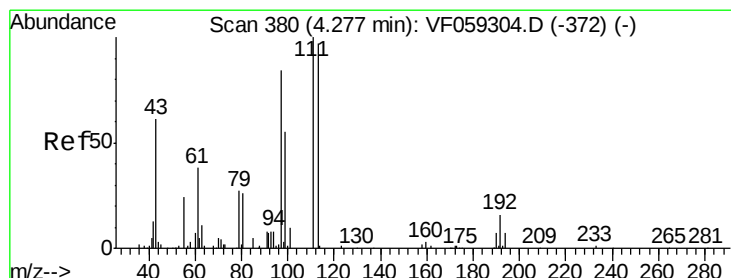
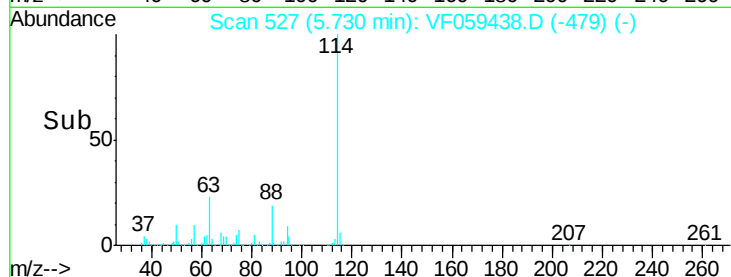
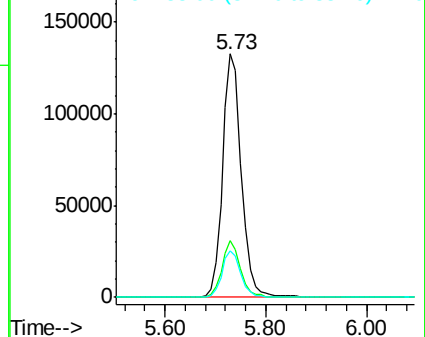
88 19.1 0.0 41.2



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: 58.834 ug/l

RT: 4.25 min Scan# 377

Delta R.T. -0.03 min

Lab File: VF059438.D

Acq: 5 Jul 2018 17:08

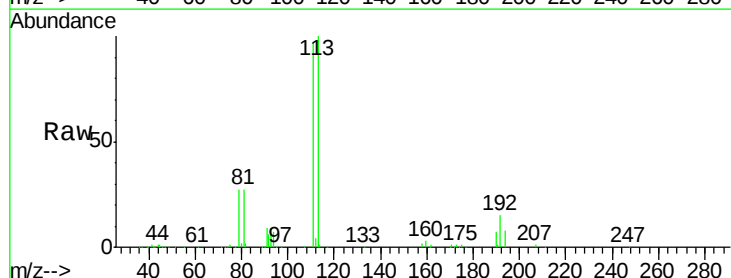
Tgt Ion:113 Resp: 147622

Ion Ratio Lower Upper

113 100

111 96.6 82.1 123.1

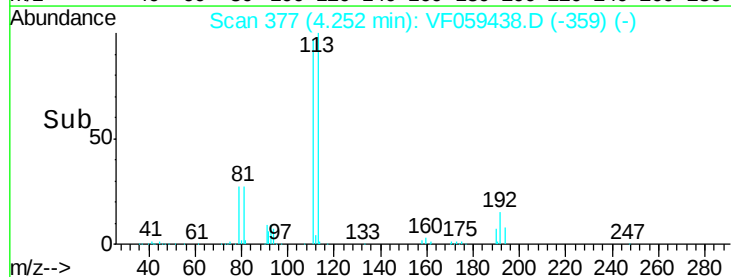
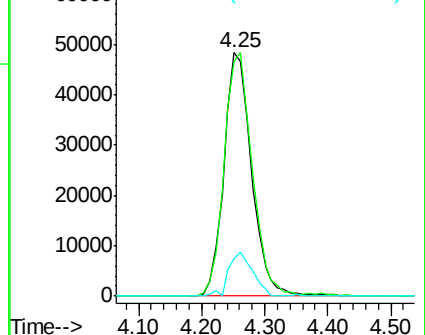
192 15.2 13.0 19.6



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: 48.529 ug/l

RT: 7.67 min Scan# 724

Delta R.T. -0.03 min

Lab File: VF059438.D

Acq: 5 Jul 2018 17:08

Instrument :

MSVOA_F

ClientSampleId :

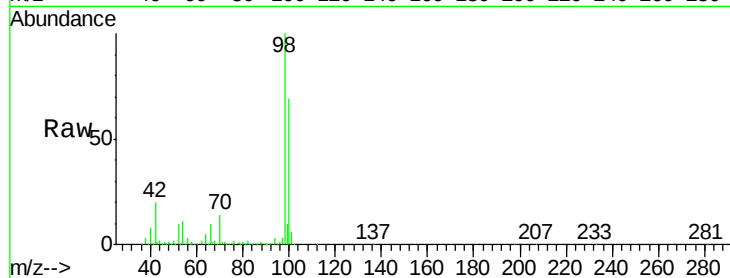
GF-G-8

Tot Ion: 98 Resp: 301474

Ion Ratio Lower Upper

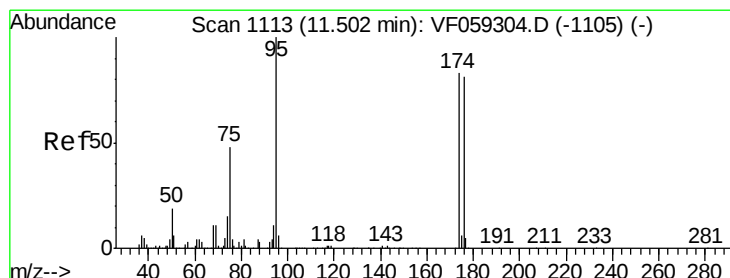
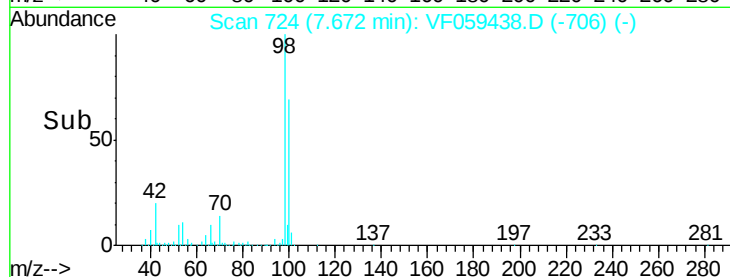
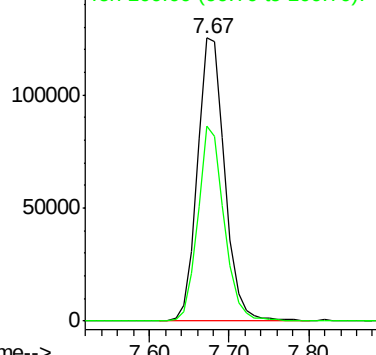
98 100

100 69.0 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 54.191 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF059438.D

Acq: 5 Jul 2018 17:08

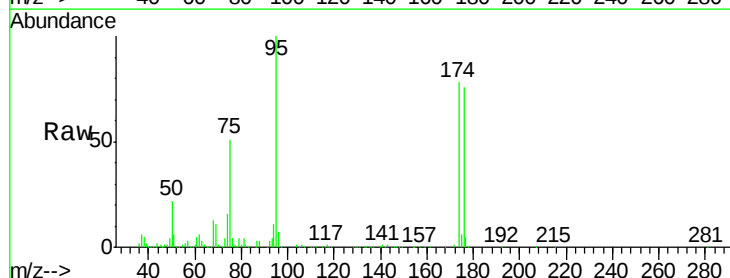
Tgt Ion: 95 Resp: 189900

Ion Ratio Lower Upper

95 100

174 77.8 0.0 165.2

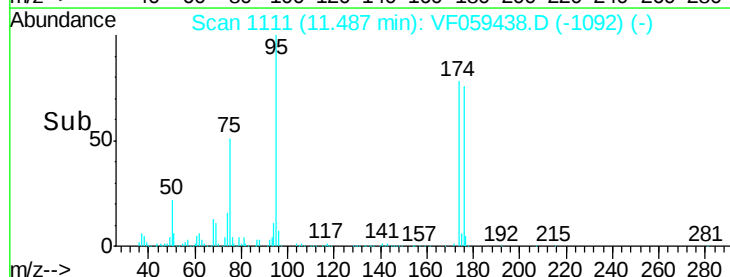
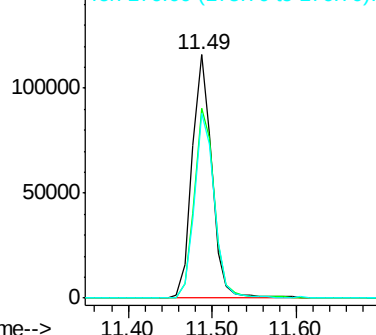
176 76.0 0.0 161.0

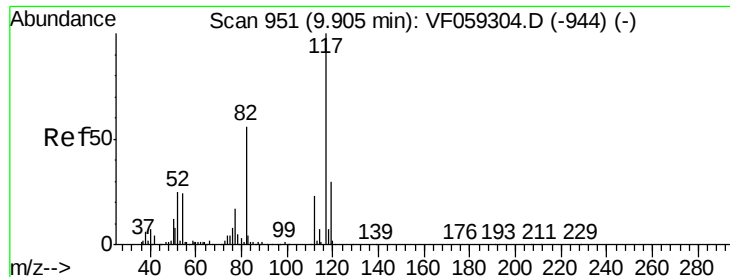


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

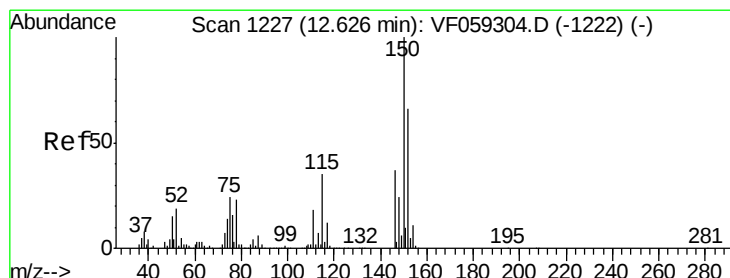
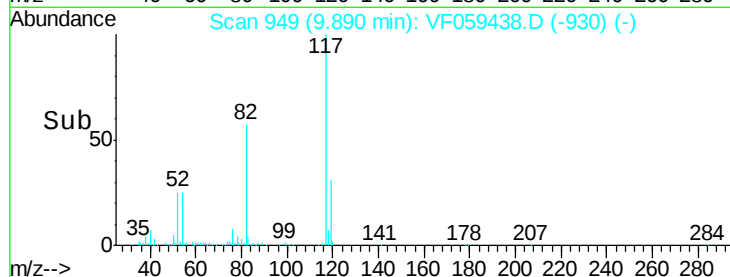
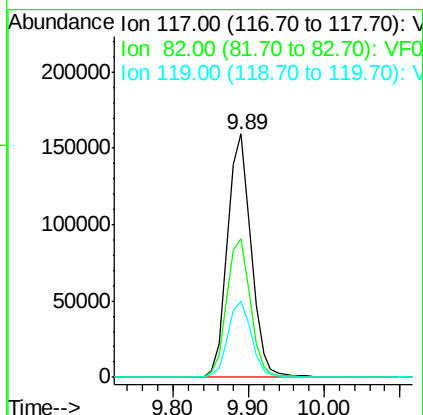
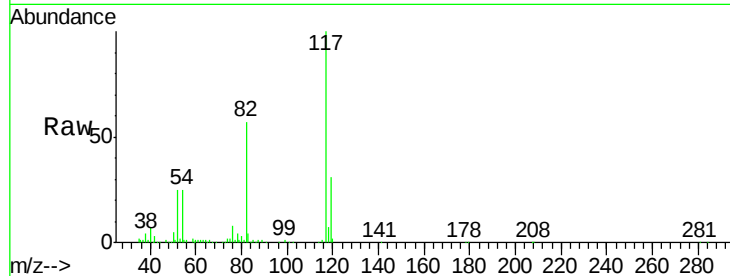




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059438.D
Acq: 5 Jul 2018 17:08

Instrument :
MSVOA_F
ClientSampleId :
GF-G-8

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.6	66.8
119	31.2	24.1	36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF059438.D
Acq: 5 Jul 2018 17:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	27.1	81.3
150	154.7	0.0	305.2

