

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059388.D
 Acq On : 2 Jul 2018 15:45
 Operator : VA/AP
 Sample : J3802-02
 Misc : 5.44g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-2(15.0)

Quant Time: Jul 03 10:52:46 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	5.02	168	143658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	271419	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	195823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	126340	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	169357	91.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	182.50%	
35) Dibromofluoromethane	4.27	113	139259	70.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.44%	
50) Toluene-d8	7.69	98	215680	43.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.86%	
62) 4-Bromofluorobenzene	11.50	95	157235	56.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.54%	

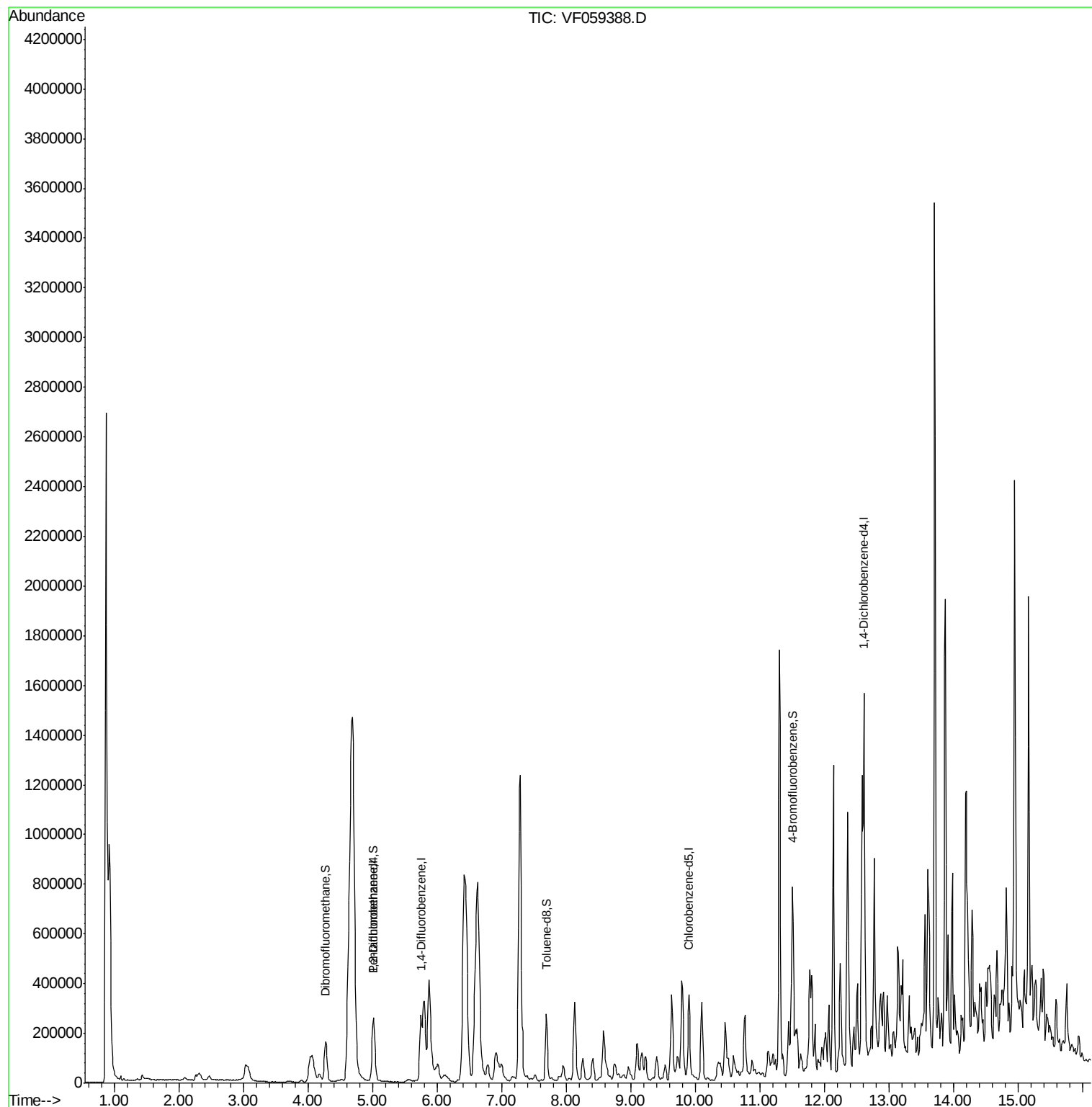
Target Compounds	Qvalue

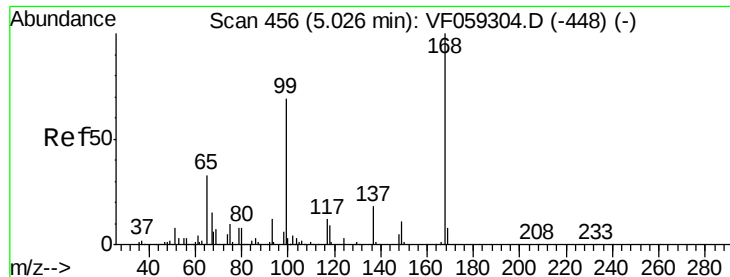
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059388.D

Acq: 2 Jul 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

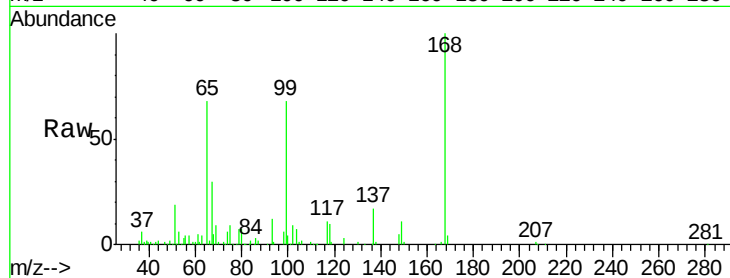
CF-2(15.0)

Tot Ion:168 Resp: 143658

Ion Ratio Lower Upper

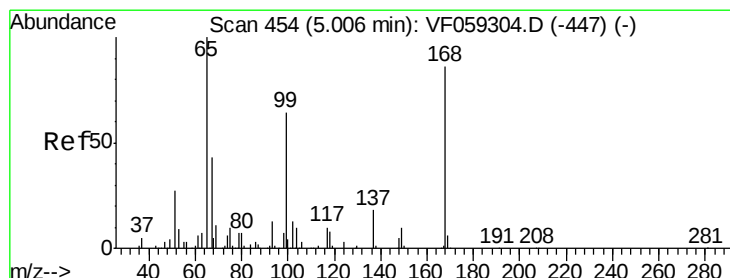
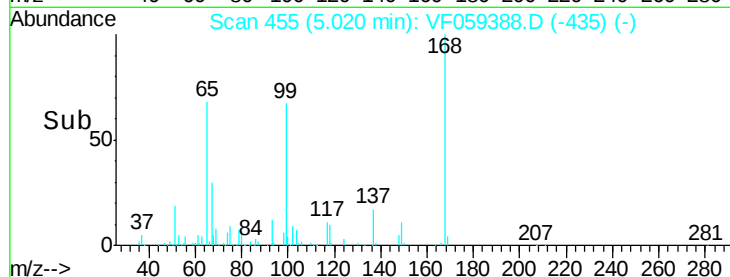
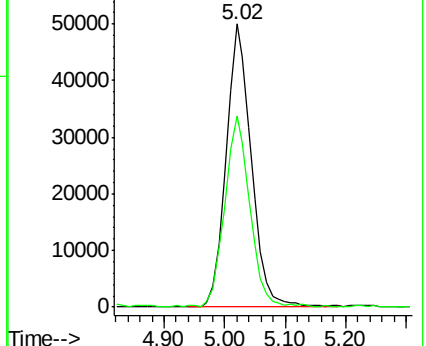
168 100

99 67.7 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: 91.25 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059388.D

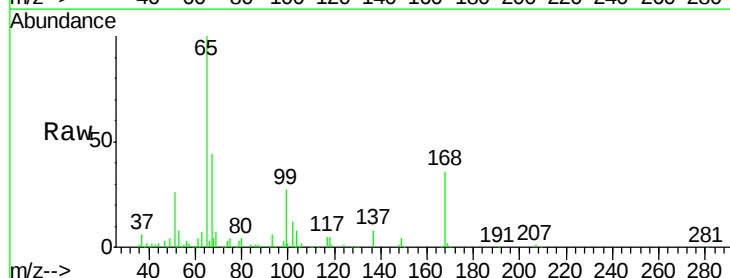
Acq: 2 Jul 2018 15:45

Tgt Ion: 65 Resp: 169357

Ion Ratio Lower Upper

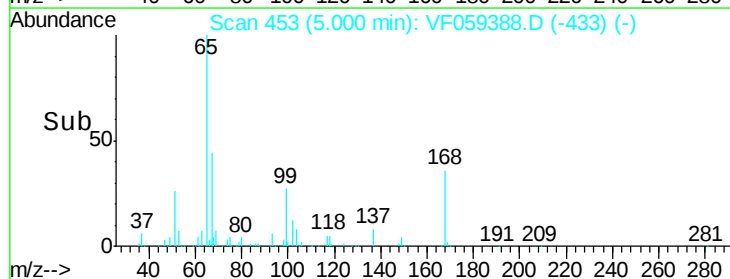
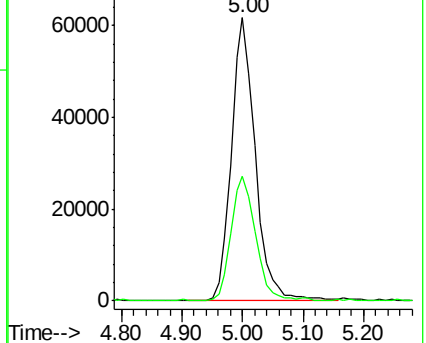
65 100

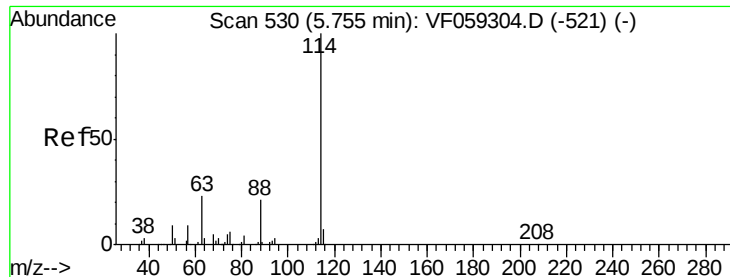
67 44.1 0.0 96.8



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: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059388.D

Acq: 2 Jul 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

CF-2(15.0)

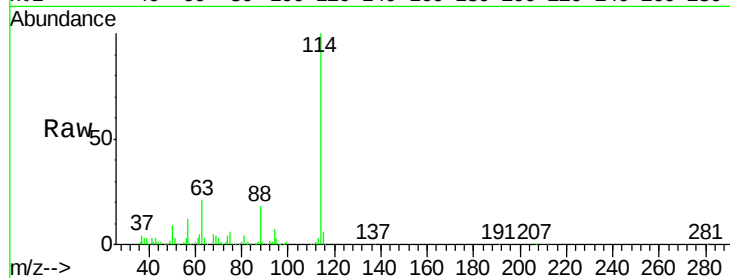
Tot Ion:114 Resp: 271419

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.8

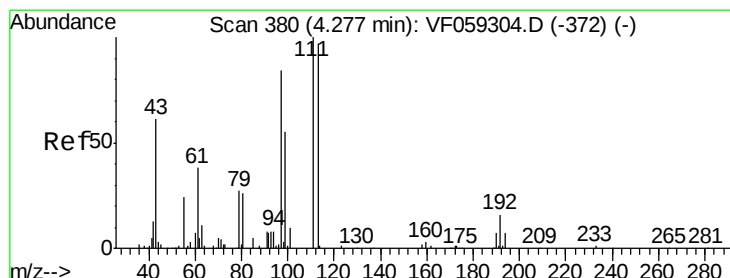
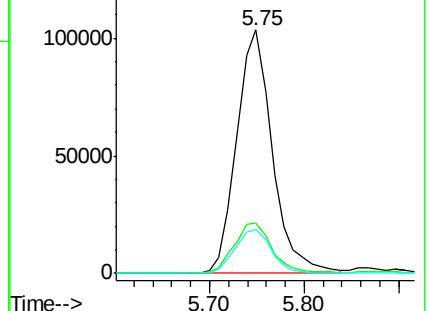
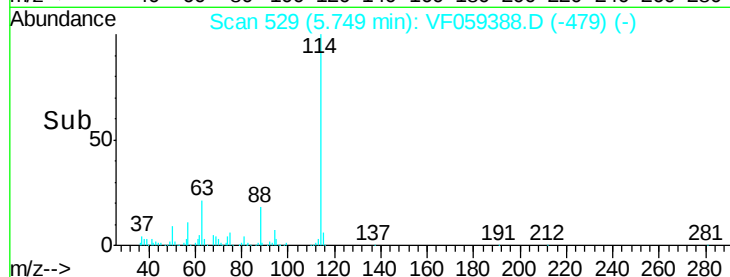
88 18.1 0.0 41.2



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: 70.22 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059388.D

Acq: 2 Jul 2018 15:45

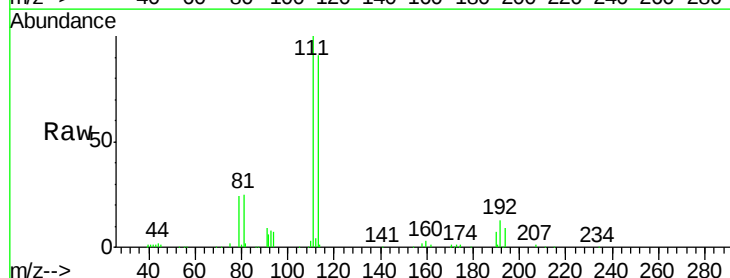
Tgt Ion:113 Resp: 139259

Ion Ratio Lower Upper

113 100

111 110.3 82.1 123.1

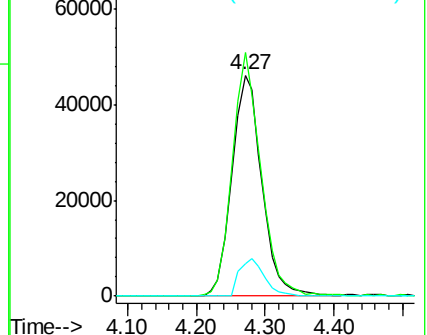
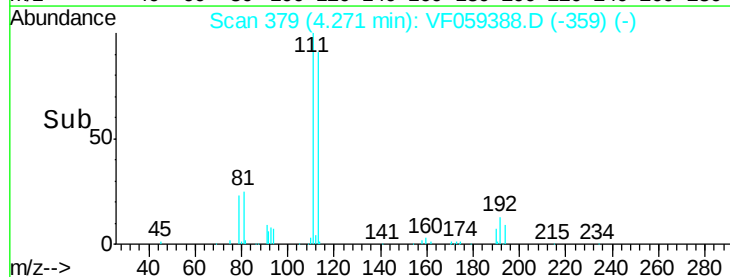
192 14.7 13.0 19.6



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: 43.93 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.01 min

Lab File: VF059388.D

Acq: 2 Jul 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

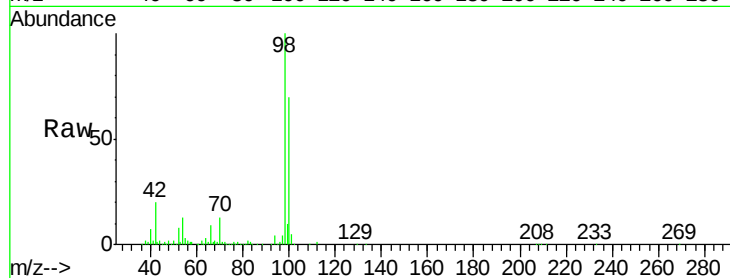
CF-2(15.0)

Tot Ion: 98 Resp: 215680

Ion Ratio Lower Upper

98 100

100 70.4 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.69

100000

80000

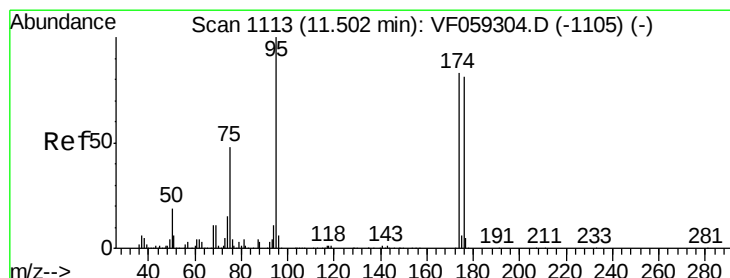
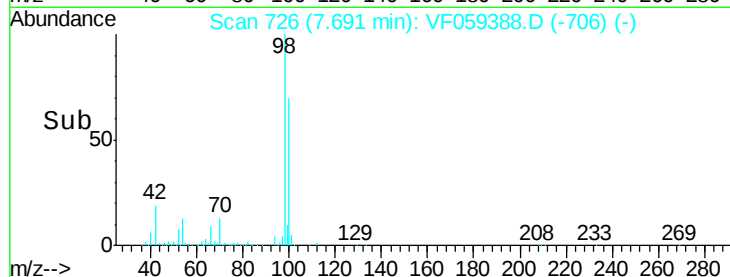
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.77 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059388.D

Acq: 2 Jul 2018 15:45

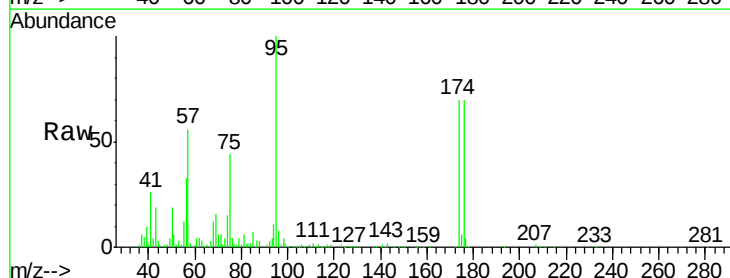
Tgt Ion: 95 Resp: 157235

Ion Ratio Lower Upper

95 100

174 69.6 0.0 165.2

176 69.8 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

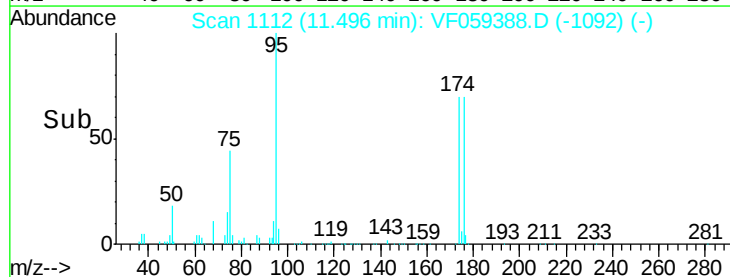
11.50

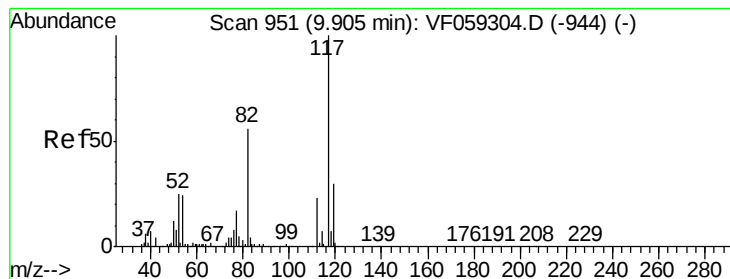
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.01 min

Lab File: VF059388.D

Acq: 2 Jul 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

CF-2(15.0)

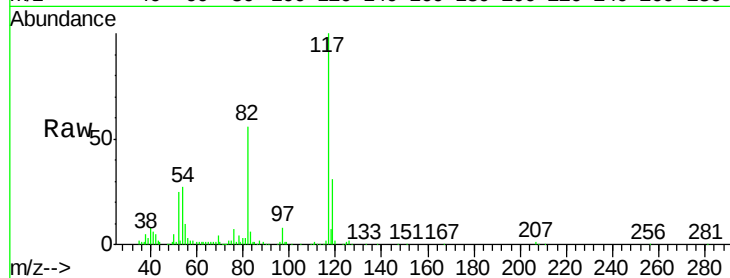
Tot Ion:117 Resp: 195823

Ion Ratio Lower Upper

117 100

82 56.4 44.6 66.8

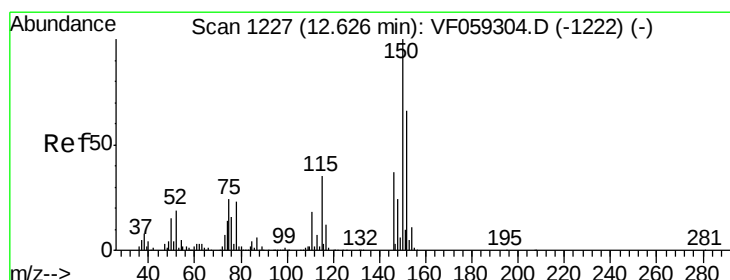
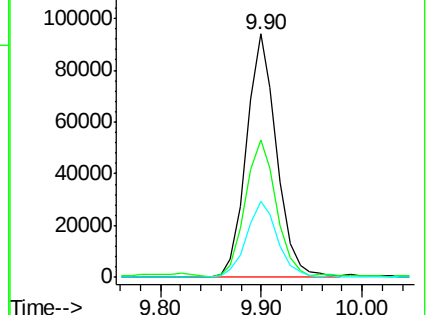
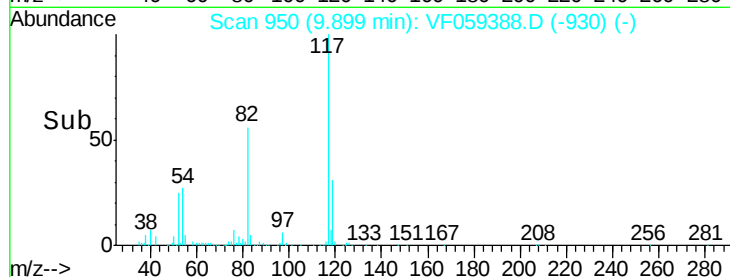
119 31.0 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF059388.D

Acq: 2 Jul 2018 15:45

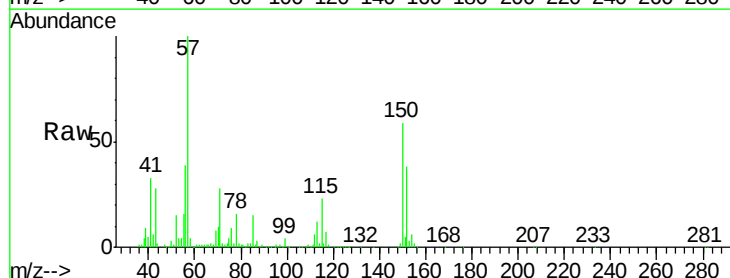
Tgt Ion:152 Resp: 126340

Ion Ratio Lower Upper

152 100

115 62.0 27.1 81.3

150 156.3 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

