

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061818\
 Data File : VF059178.D
 Acq On : 18 Jun 2018 16:25
 Operator : VA/AP
 Sample : J3566-11
 Misc : 5.78g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-7

Quant Time: Jun 19 04:02:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

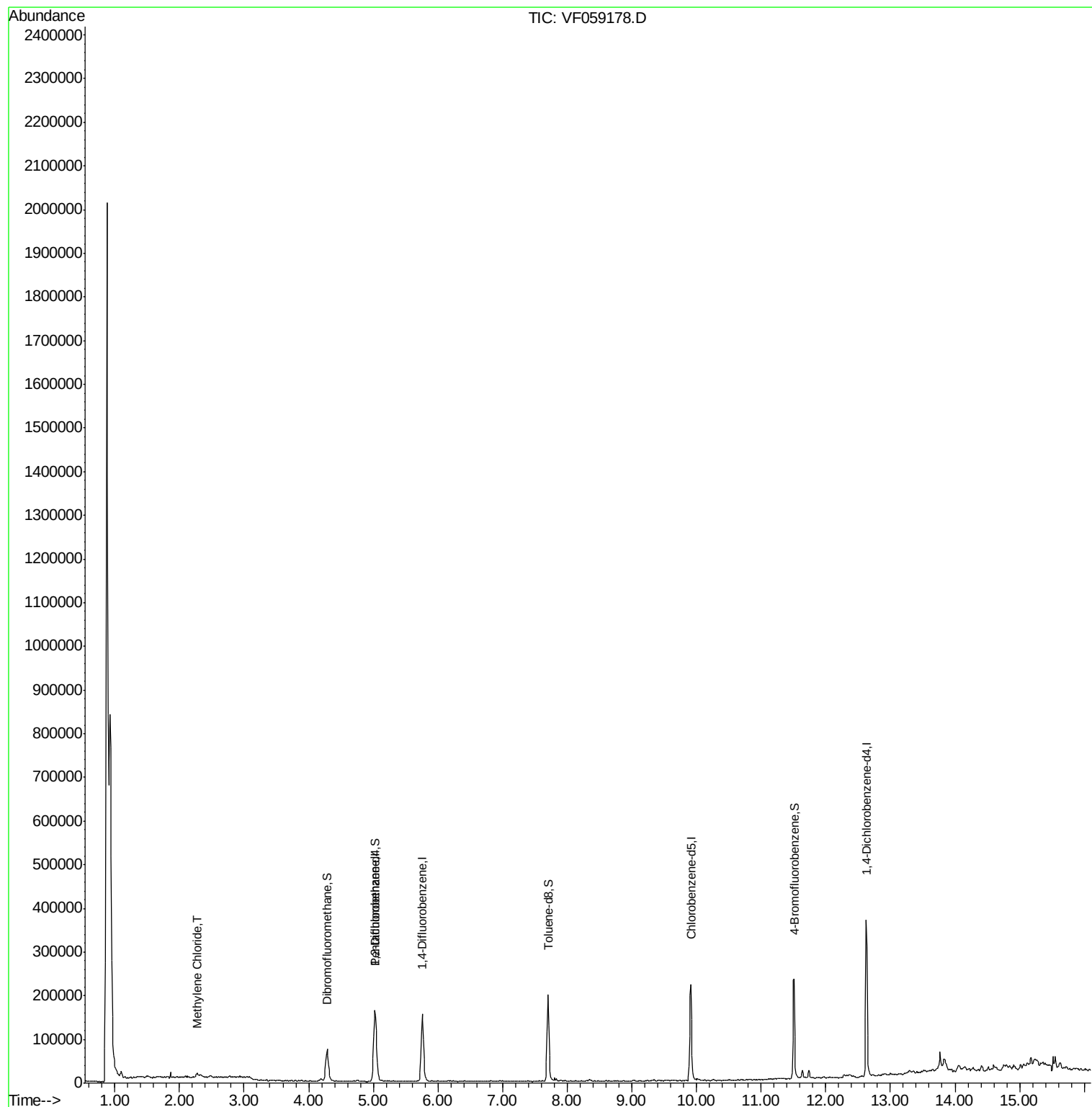
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	116142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	165163	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	153658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	90729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	75792	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
35) Dibromofluoromethane	4.29	113	66801	57.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.28%	
50) Toluene-d8	7.71	98	164949	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.50	95	87577	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
Target Compounds						
20) Methylene Chloride	2.27	84	5598	6.952	ug/l #	Qvalue 80

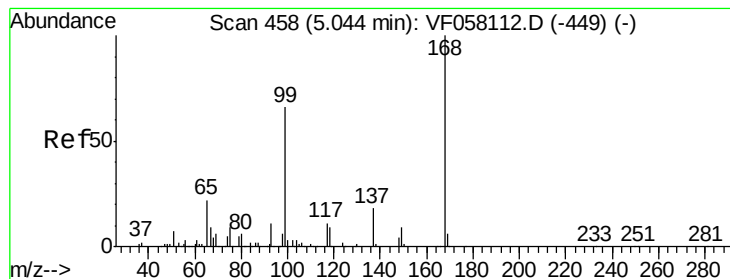
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059178.D

Acq: 18 Jun 2018 16:25

Instrument :

MSVOA_F

ClientSampleId :

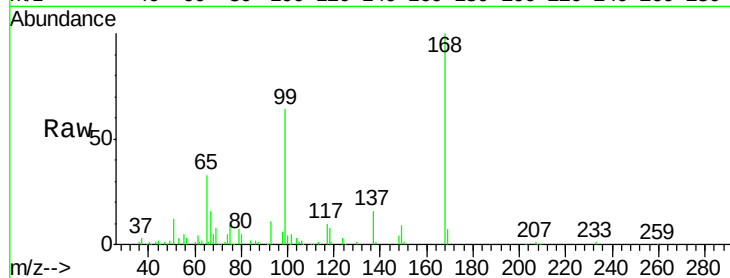
TP-7

Tot Ion:168 Resp: 116142

Ion Ratio Lower Upper

168 100

99 63.6 52.9 79.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

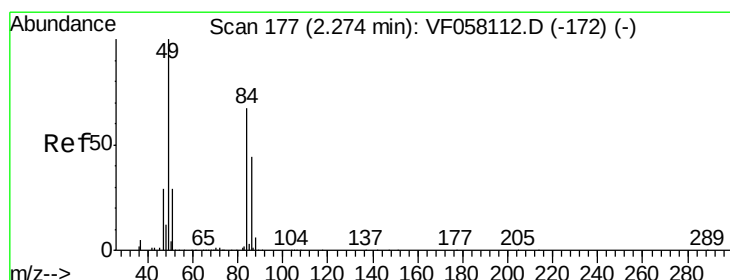
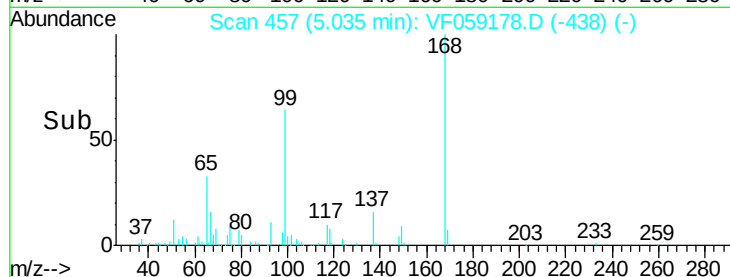
20000

10000

0

Time-->

4.90 5.00 5.10



#20

Methylene Chloride

Concen: 6.952 ug/l

RT: 2.27 min Scan# 177

Delta R.T. 0.00 min

Lab File: VF059178.D

Acq: 18 Jun 2018 16:25

Tgt Ion: 84 Resp: 5598

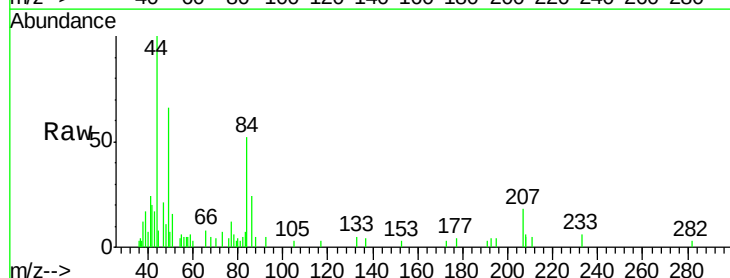
Ion Ratio Lower Upper

84 100

49 127.4 121.0 181.4

51 31.6 35.8 53.6#

86 47.0 53.2 79.8#



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3000

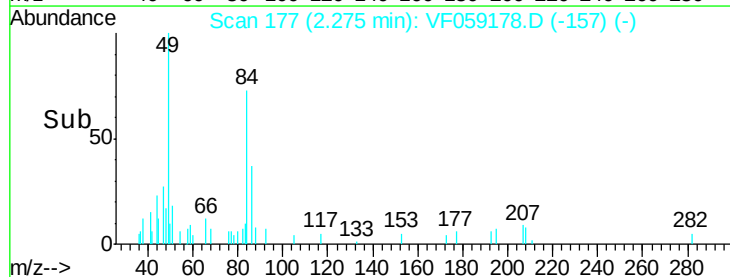
2000

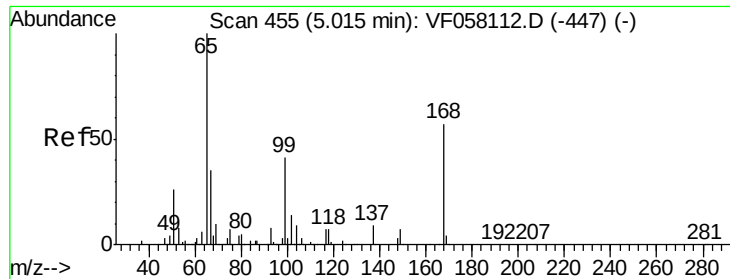
1000

0

Time-->

2.20 2.30 2.40

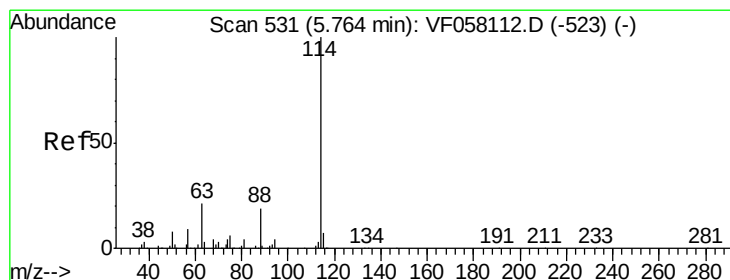
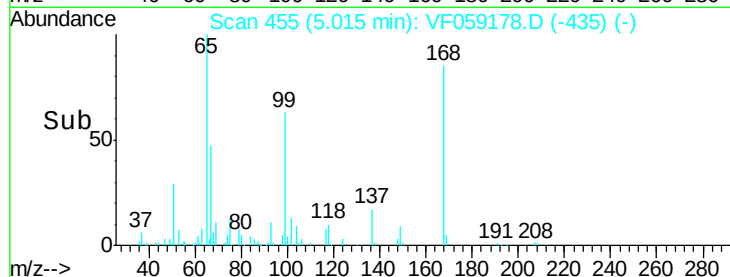
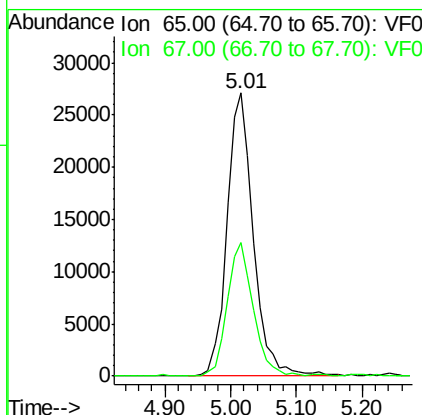
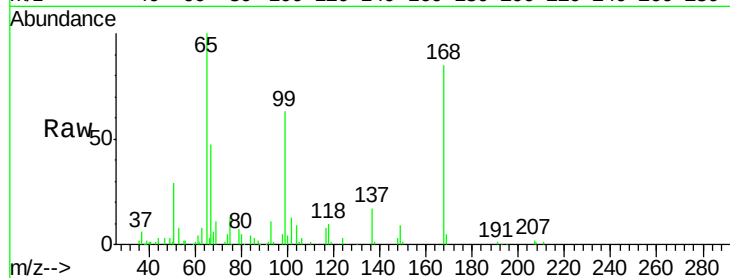




#33
 1,2-Dichloroethane-d4
 Concen: 53.808 ug/l
 RT: 5.01 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: VF059178.D
 Acq: 18 Jun 2018 16:25

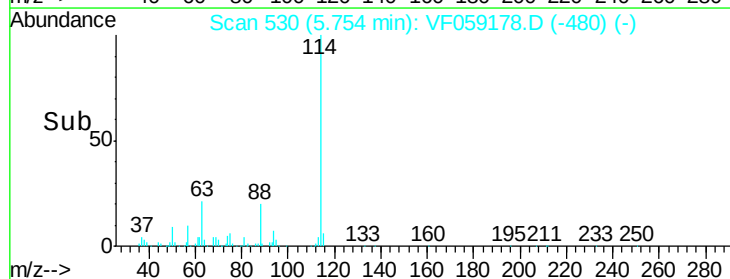
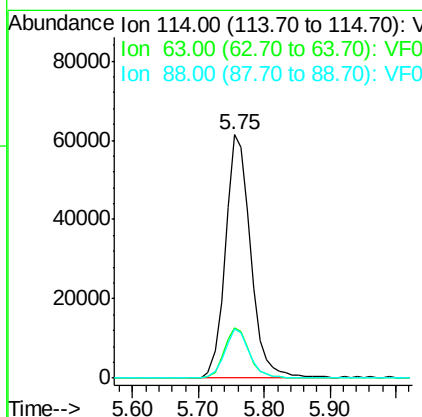
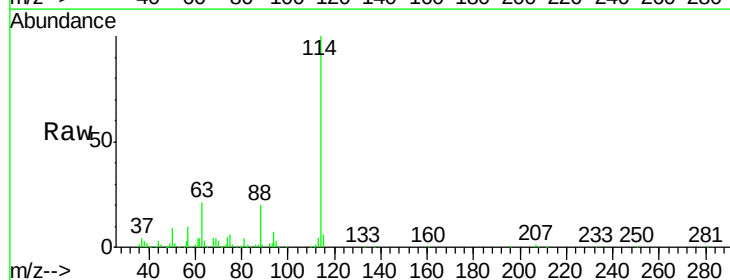
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-7

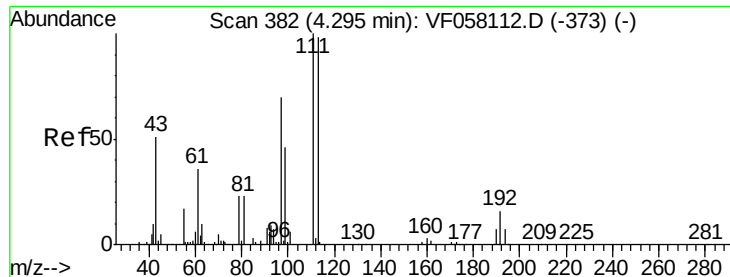
Tot Ion: 65 Resp: 75792
 Ion Ratio Lower Upper
 65 100
 67 47.2 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059178.D
 Acq: 18 Jun 2018 16:25

Tgt Ion: 114 Resp: 165163
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.6
 88 20.4 0.0 38.8





#35

Dibromofluoromethane

Concen: 57.641 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059178.D

Acq: 18 Jun 2018 16:25

Instrument :

MSVOA_F

ClientSampleId :

TP-7

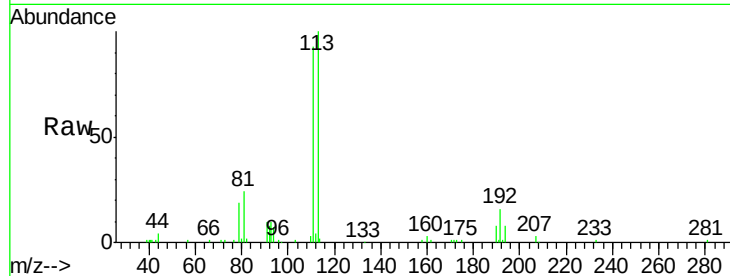
Tot Ion:113 Resp: 66801

Ion Ratio Lower Upper

113 100

111 93.1 81.3 121.9

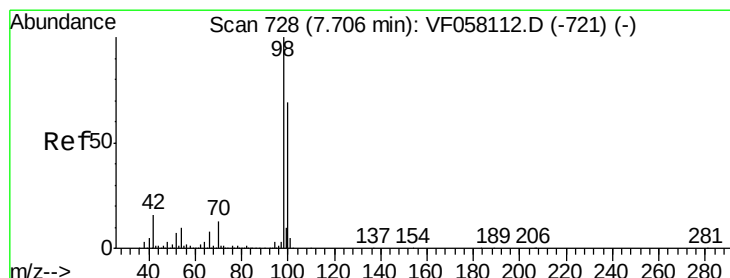
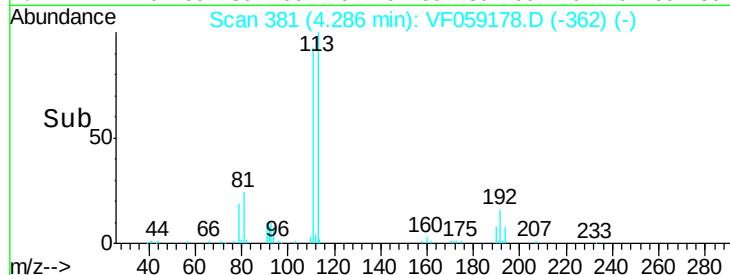
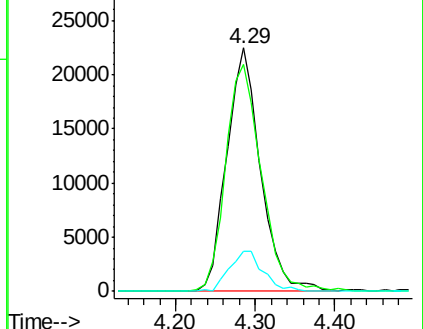
192 16.4 12.7 19.1



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: 48.448 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059178.D

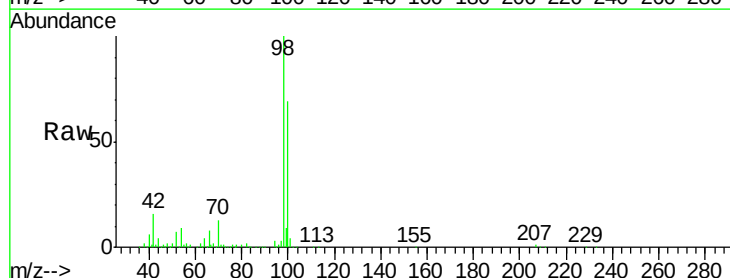
Acq: 18 Jun 2018 16:25

Tgt Ion: 98 Resp: 164949

Ion Ratio Lower Upper

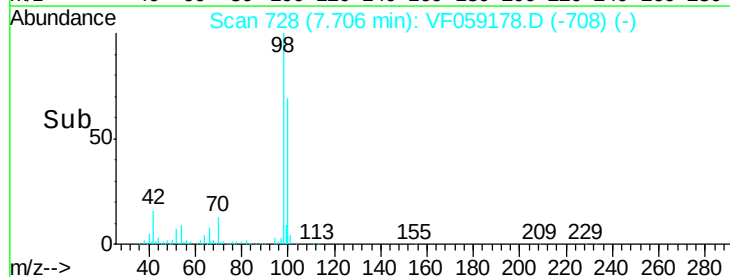
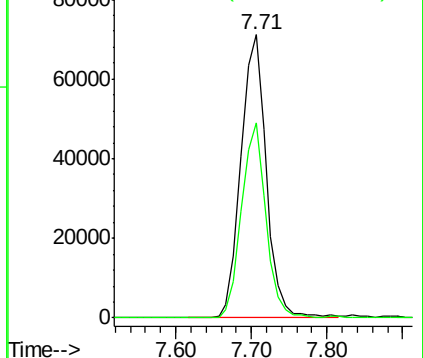
98 100

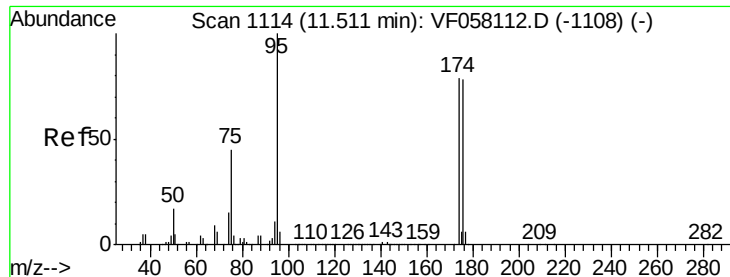
100 69.1 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 50.152 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059178.D

Acq: 18 Jun 2018 16:25

Instrument :

MSVOA_F

ClientSampleId :

TP-7

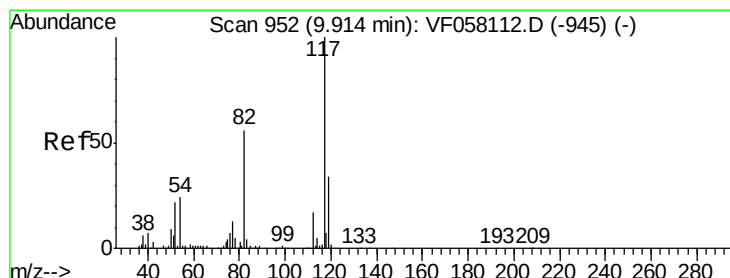
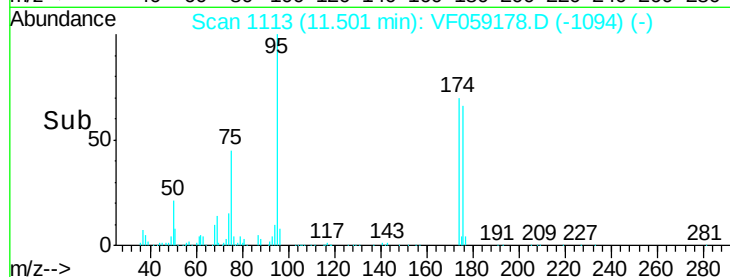
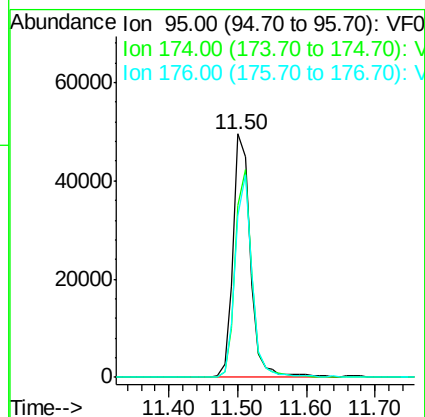
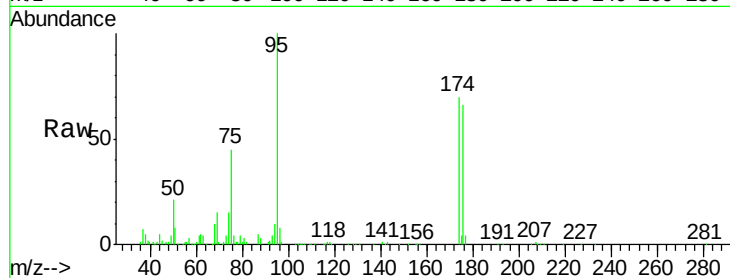
Tot Ion: 95 Resp: 87577

Ion Ratio Lower Upper

95 100

174 70.4 0.0 157.8

176 66.4 0.0 155.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF059178.D

Acq: 18 Jun 2018 16:25

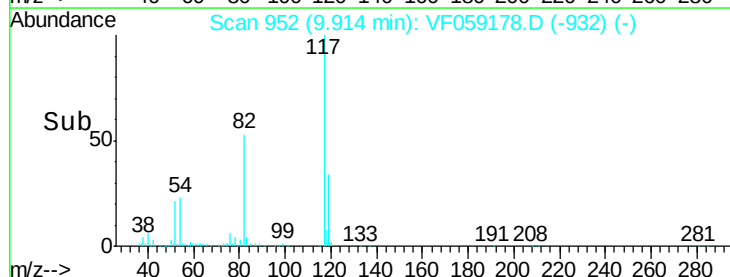
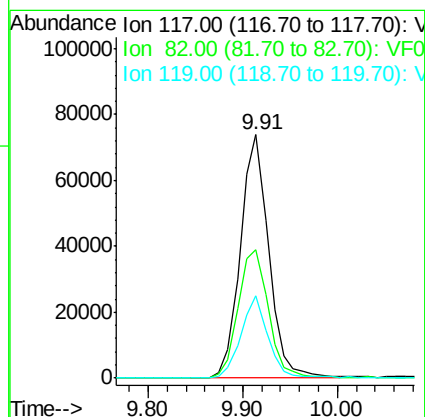
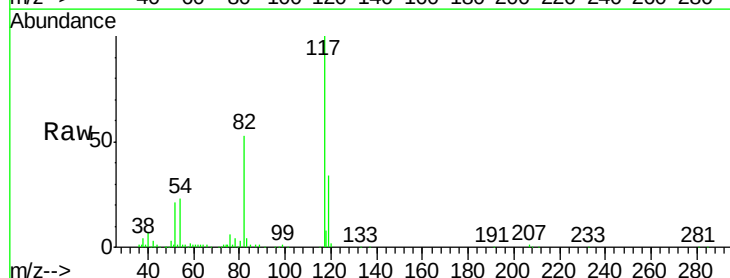
Tgt Ion: 117 Resp: 153658

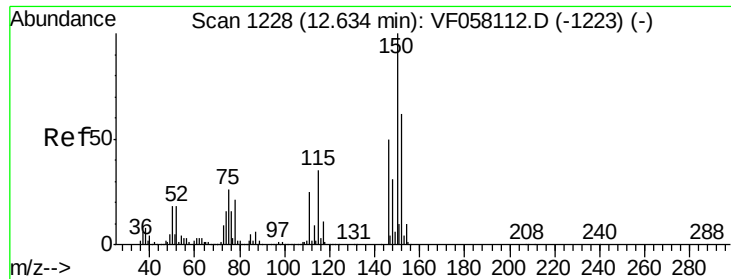
Ion Ratio Lower Upper

117 100

82 52.9 45.2 67.8

119 33.8 27.5 41.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059178.D

Acq: 18 Jun 2018 16:25

Instrument :

MSVOA_F

ClientSampleId :

TP-7

Tot Ion:152 Resp: 90729

Ion Ratio Lower Upper

152 100

115 68.8 28.5 85.5

150 161.2 0.0 323.8

