

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
 Data File : VF059431.D
 Acq On : 5 Jul 2018 13:53
 Operator : VA/AP
 Sample : J3840-03RE
 Misc : 7.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-6-SRE

Quant Time: Jul 06 05:37:42 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

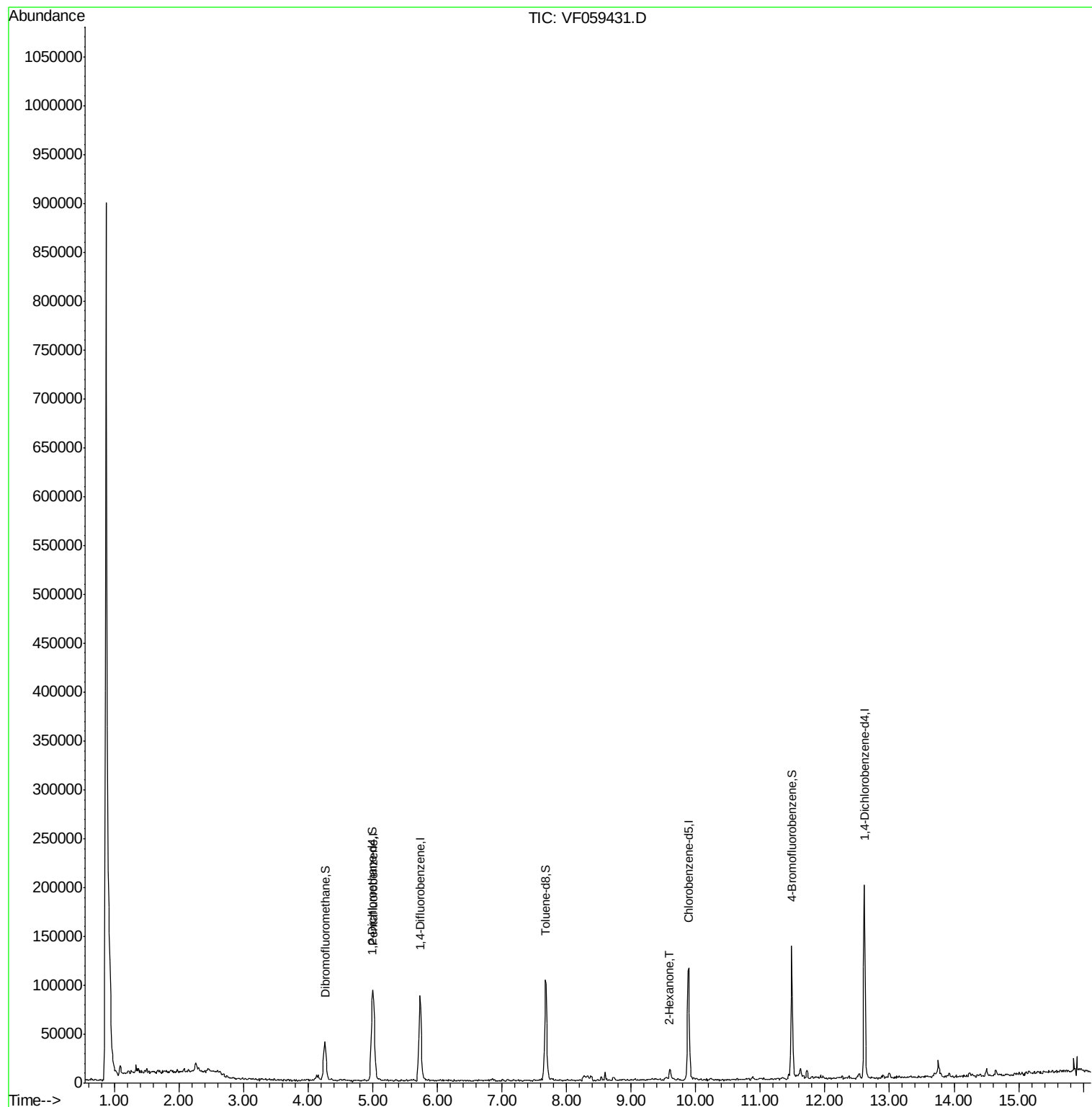
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	70200	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.73	114	89519	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	84480	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	46443	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	32432	35.76	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	71.52%	
35) Dibromofluoromethane	4.25	113	35979	55.01	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	110.02%	
50) Toluene-d8	7.68	98	85437	52.76	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	11.49	95	46026	50.38	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.76%	
Target Compounds						
59) 2-Hexanone	9.60	43	9492	9.957	ug/l	Qvalue 83

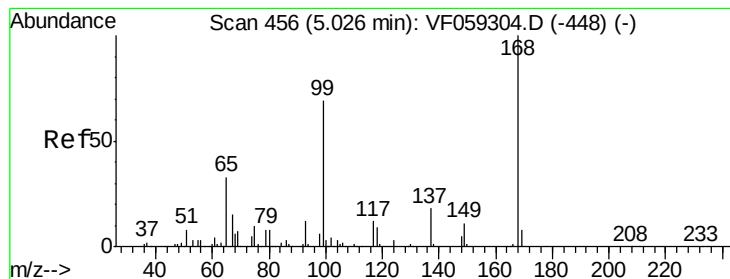
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF059431.D

Acq: 5 Jul 2018 13:53

Instrument :

MSVOA_F

ClientSampleId :

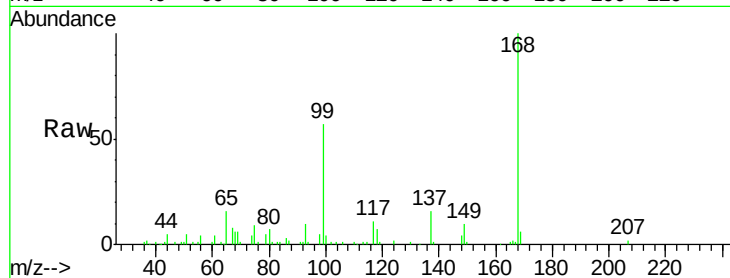
TP-6-SRE

Tot Ion:168 Resp: 70200

Ion Ratio Lower Upper

168 100

99 57.1 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

25000

20000

15000

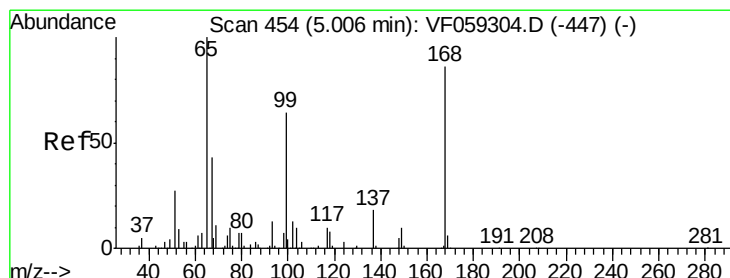
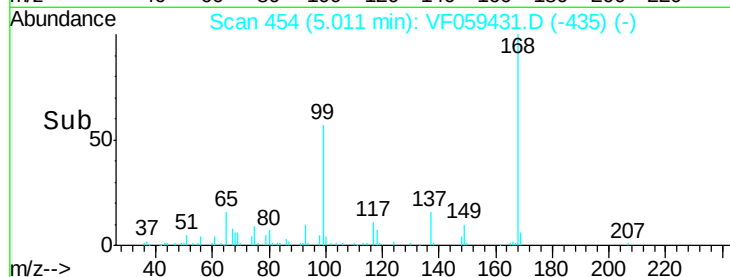
10000

5000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 35.758 ug/l

RT: 4.98 min Scan# 451

Delta R.T. -0.03 min

Lab File: VF059431.D

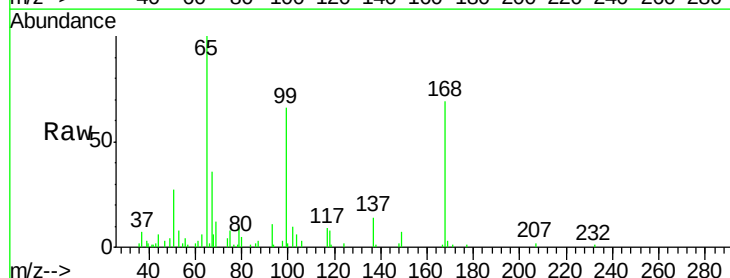
Acq: 5 Jul 2018 13:53

Tgt Ion: 65 Resp: 32432

Ion Ratio Lower Upper

65 100

67 36.3 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.98

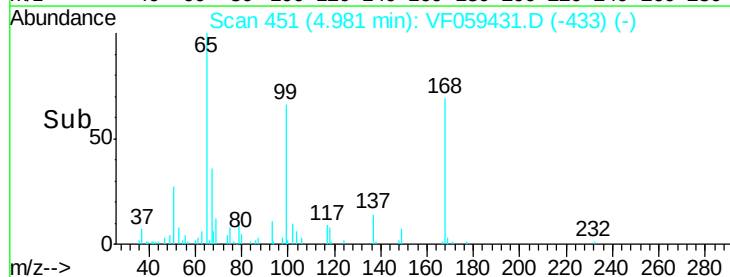
10000

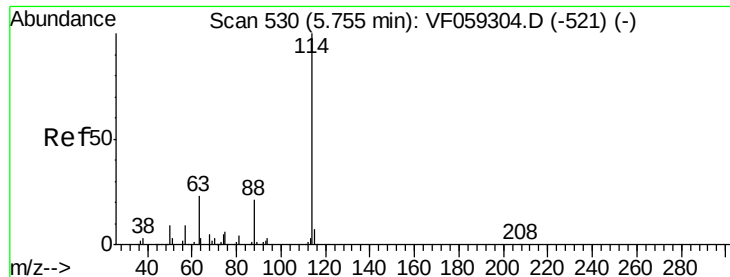
5000

0

Time-->

4.90 5.00 5.10

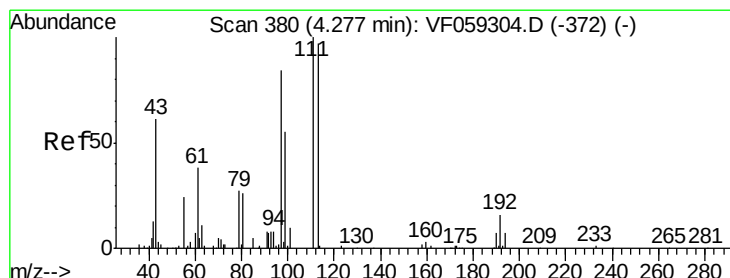
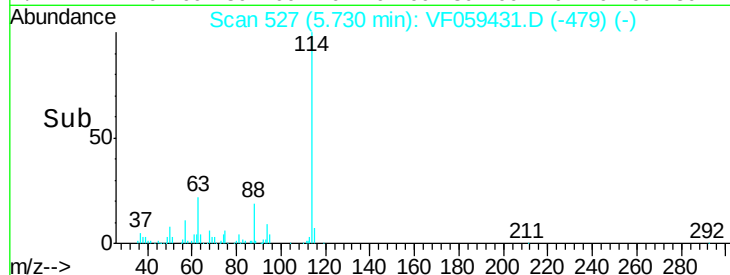
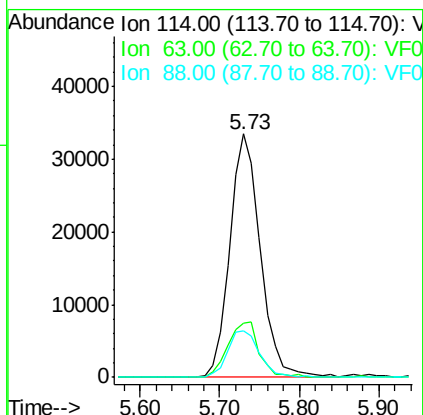
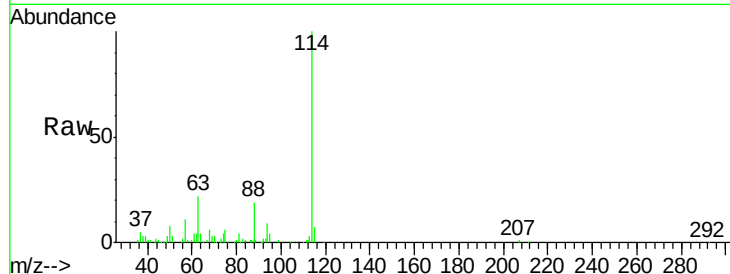




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.73 min Scan# 527
Delta R.T. -0.03 min
Lab File: VF059431.D
Acq: 5 Jul 2018 13:53

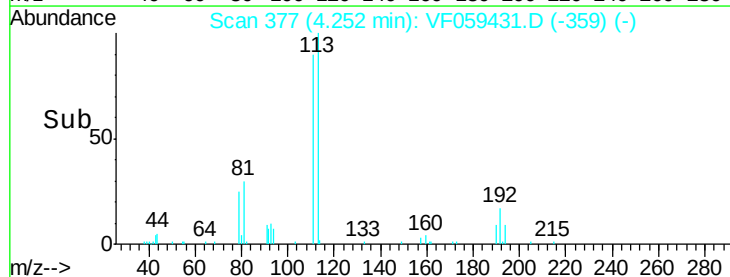
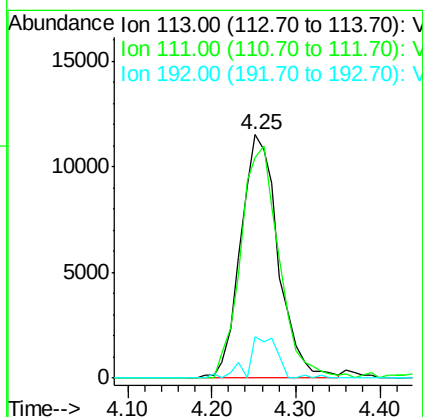
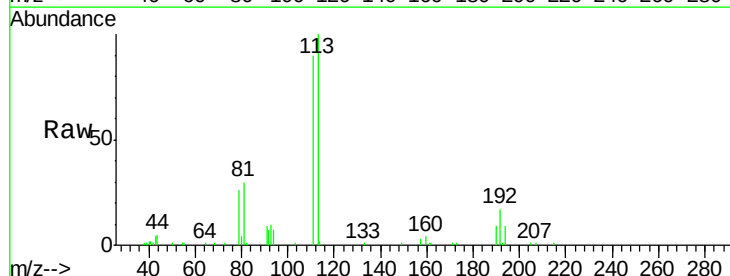
Instrument :
MSVOA_F
ClientSampleId :
TP-6-SRE

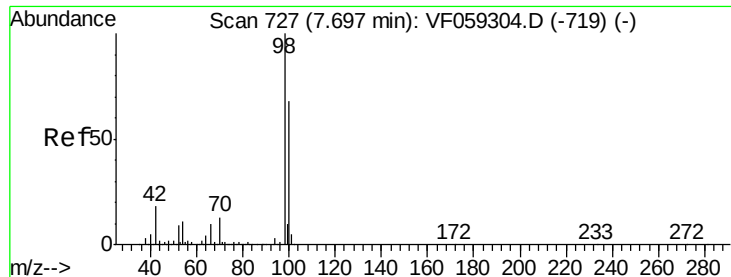
Tot Ion:114 Resp: 89519
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.8
88 19.2 0.0 41.2



#35
Dibromofluoromethane
Concen: 55.006 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.03 min
Lab File: VF059431.D
Acq: 5 Jul 2018 13:53

Tgt Ion:113 Resp: 35979
Ion Ratio Lower Upper
113 100
111 90.4 82.1 123.1
192 16.9 13.0 19.6





#50

Toluene-d8

Concen: 52.757 ug/l

RT: 7.68 min Scan# 725

Delta R.T. -0.02 min

Lab File: VF059431.D

Acq: 5 Jul 2018 13:53

Instrument :

MSVOA_F

ClientSampleId :

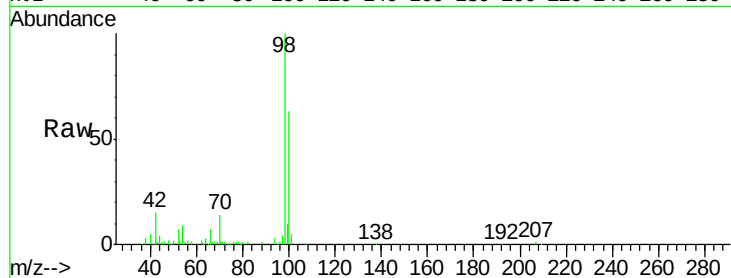
TP-6-SRE

Tot Ion: 98 Resp: 85437

Ion Ratio Lower Upper

98 100

100 62.8 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.68

40000

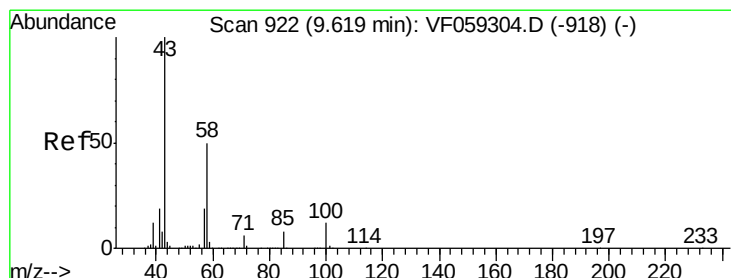
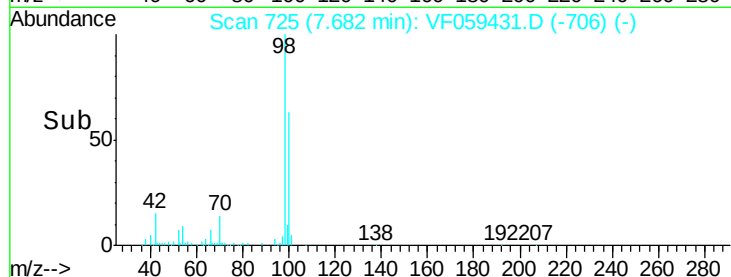
30000

20000

10000

0

Time--> 7.50 7.60 7.70 7.80



#59

2-Hexanone

Concen: 9.957 ug/l

RT: 9.60 min Scan# 920

Delta R.T. -0.01 min

Lab File: VF059431.D

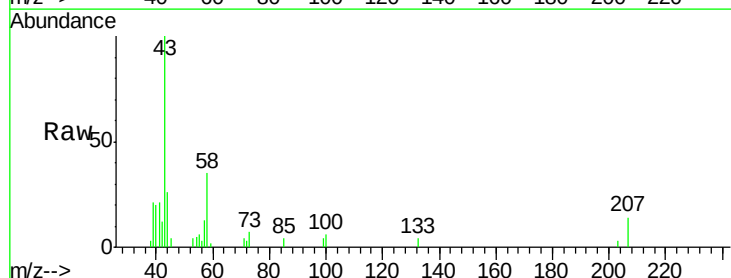
Acq: 5 Jul 2018 13:53

Tgt Ion: 43 Resp: 9492

Ion Ratio Lower Upper

43 100

58 35.1 23.3 69.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.60

4000

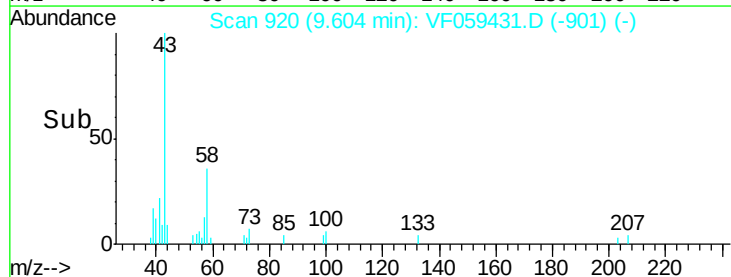
3000

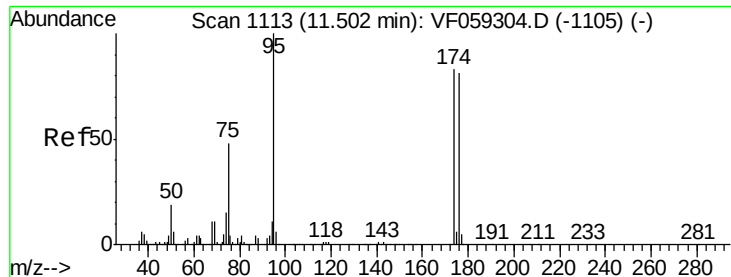
2000

1000

0

Time--> 9.55 9.60 9.65





#62

4-Bromofluorobenzene

Concen: 50.383 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF059431.D

Acq: 5 Jul 2018 13:53

Instrument :

MSVOA_F

ClientSampleId :

TP-6-SRE

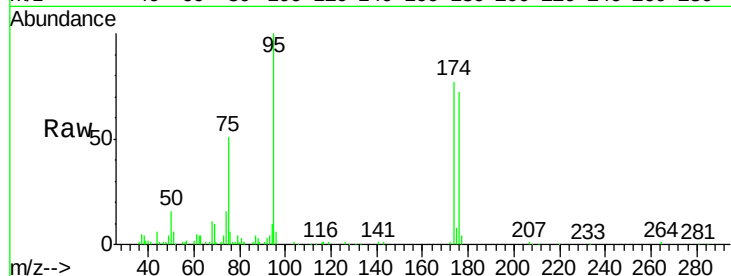
Tot Ion: 95 Resp: 46026

Ion Ratio Lower Upper

95 100

174 77.0 0.0 165.2

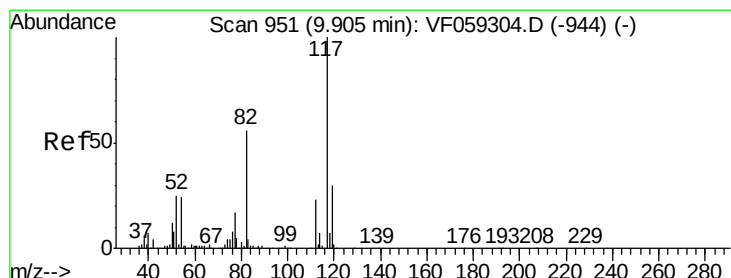
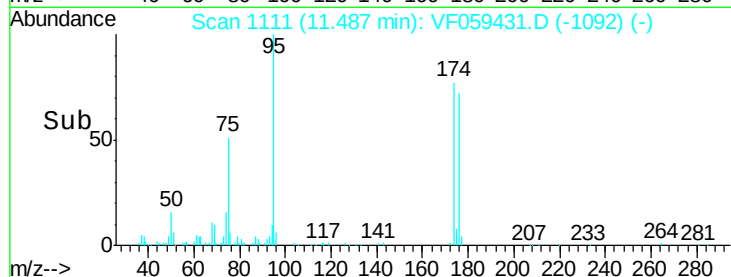
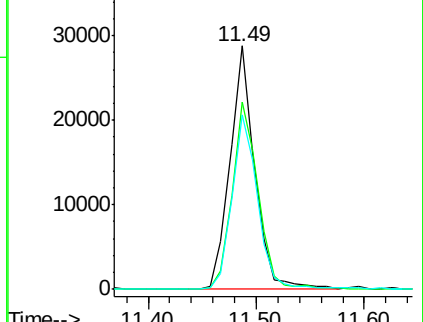
176 71.6 0.0 161.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.89 min Scan# 949

Delta R.T. -0.02 min

Lab File: VF059431.D

Acq: 5 Jul 2018 13:53

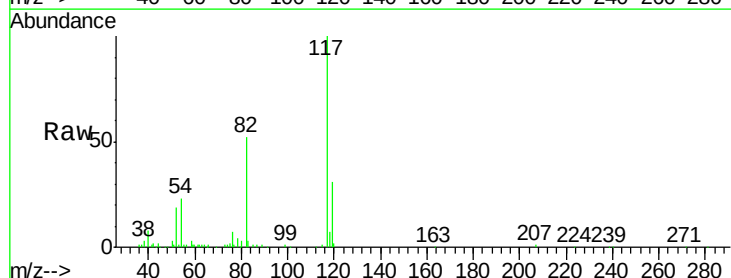
Tgt Ion: 117 Resp: 84480

Ion Ratio Lower Upper

117 100

82 52.3 44.6 66.8

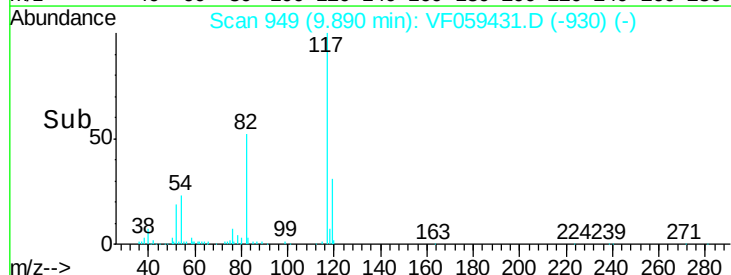
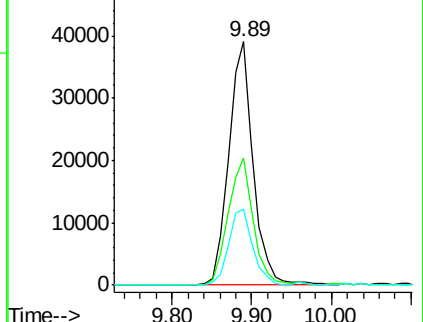
119 31.0 24.1 36.1

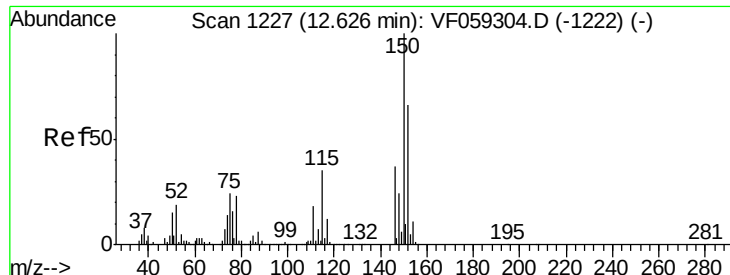


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VF059431.D

Acq: 5 Jul 2018 13:53

Instrument :

MSVOA_F

ClientSampleId :

TP-6-SRE

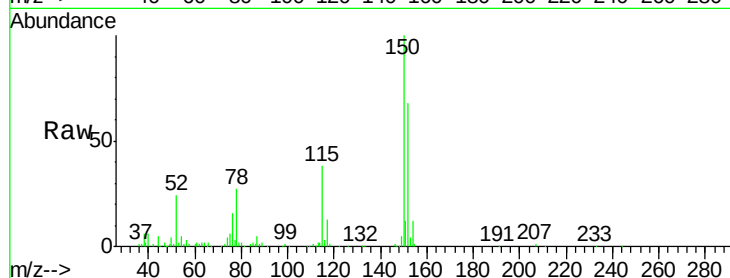
Tot Ion:152 Resp: 46443

Ion Ratio Lower Upper

152 100

115 55.1 27.1 81.3

150 146.8 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

