

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080618\
 Data File : VF059884.D
 Acq On : 6 Aug 2018 19:12
 Operator : VA/AP
 Sample : VF0806SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0806SBL01

Quant Time: Aug 07 08:11:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	196146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	305411	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	281295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	191144	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	202048	57.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.28%	
35) Dibromofluoromethane	4.29	113	161268	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
50) Toluene-d8	7.71	98	339237	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.51	95	192444	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	

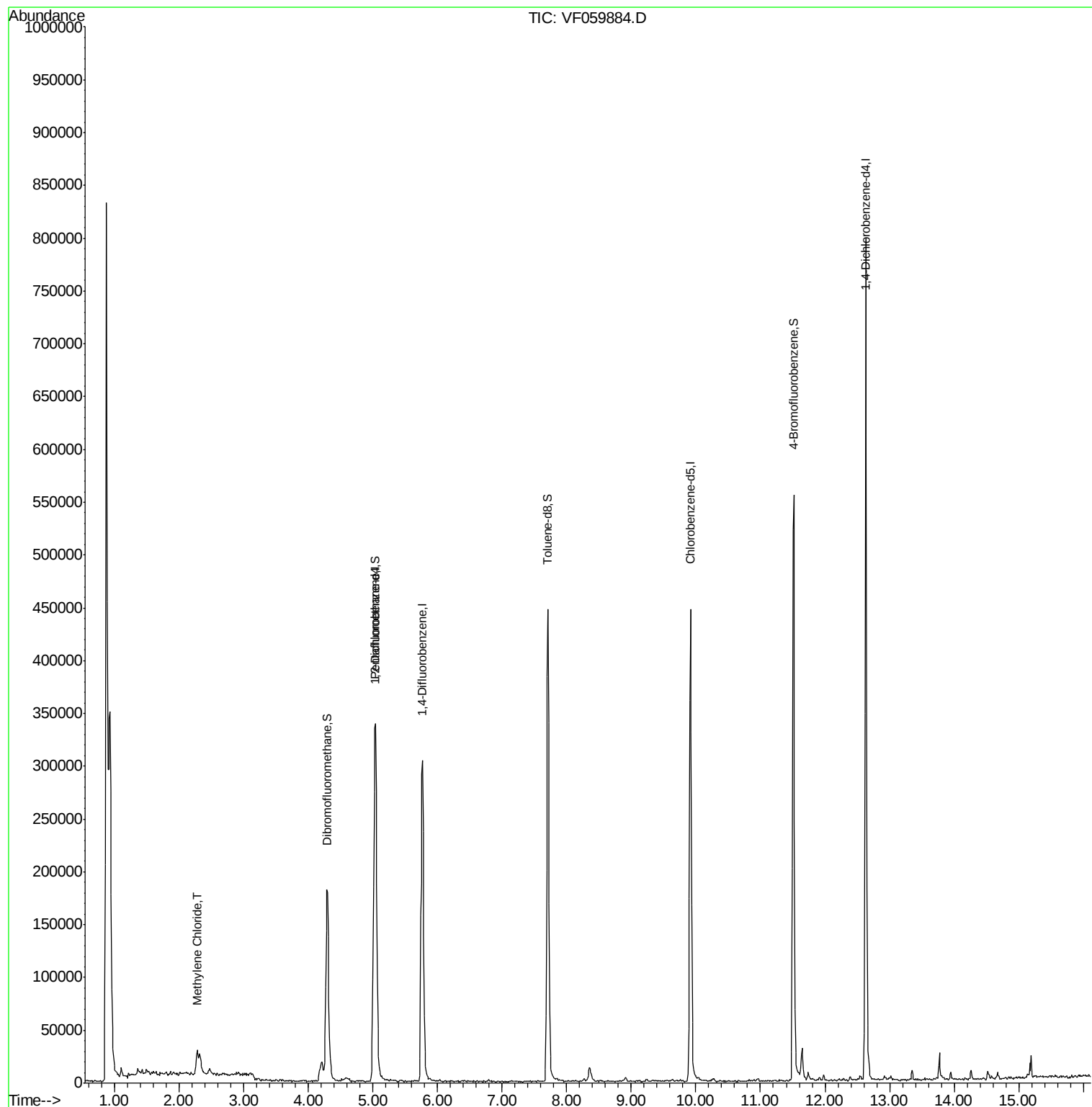
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.29	84	18429	6.05	ug/l	# 81

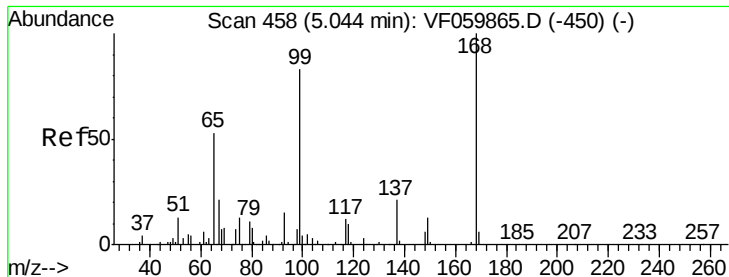
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080618\
Data File : VF059884.D
Acq On : 6 Aug 2018 19:12
Operator : VA/AP
Sample : VF0806SBL01
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0806SBL01

Quant Time: Aug 07 08:11:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059884.D

Acq: 6 Aug 2018 19:12

Instrument :

MSVOA_F

ClientSampleId :

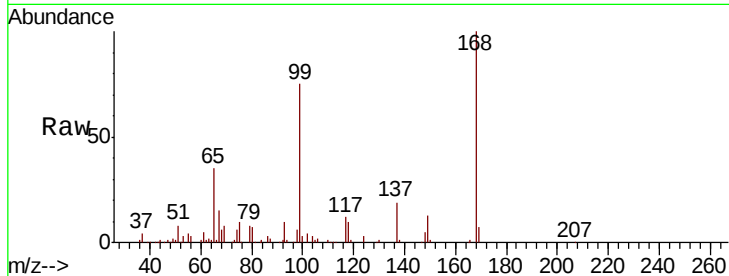
VF0806SBL01

Tot Ion:168 Resp: 196146

Ion Ratio Lower Upper

168 100

99 74.5 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

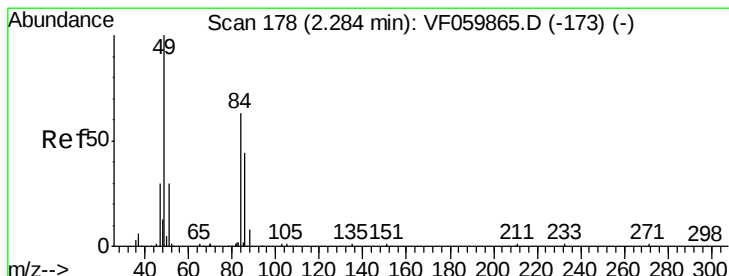
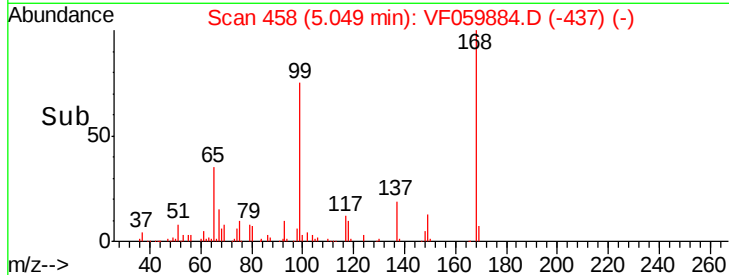
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 6.05 ug/l

RT: 2.29 min Scan# 178

Delta R.T. 0.01 min

Lab File: VF059884.D

Acq: 6 Aug 2018 19:12

Tgt Ion: 84 Resp: 18429

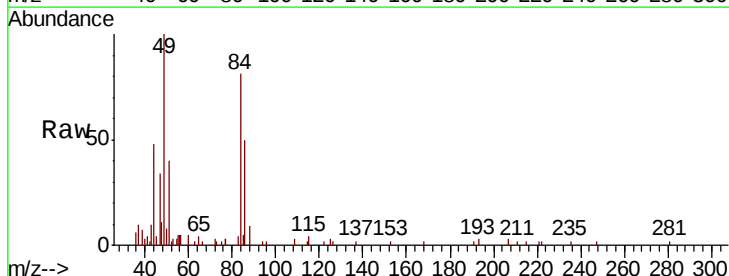
Ion Ratio Lower Upper

84 100

49 122.9 128.7 193.1#

51 49.4 39.3 58.9

86 61.3 55.9 83.9



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

12000

10000

8000

6000

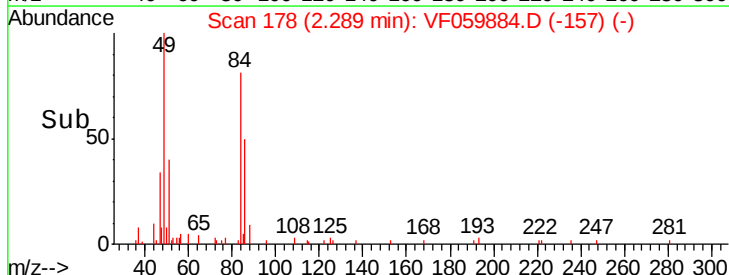
4000

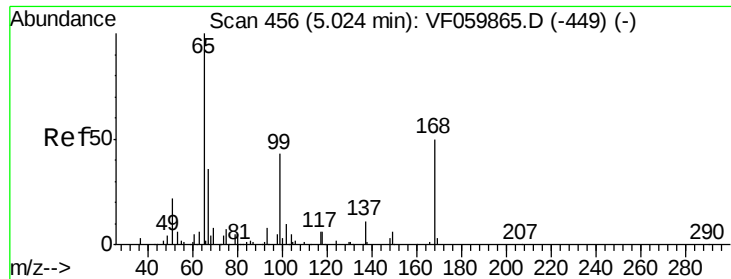
2000

0

Time-->

2.10 2.20 2.30 2.40 2.50

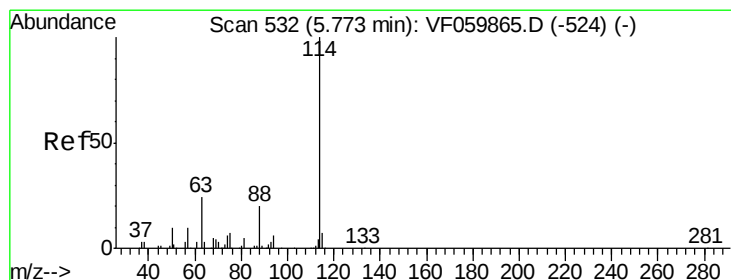
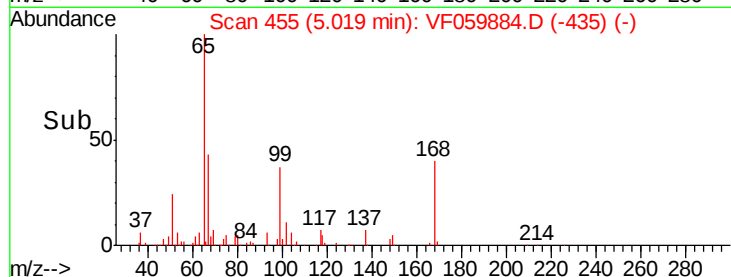
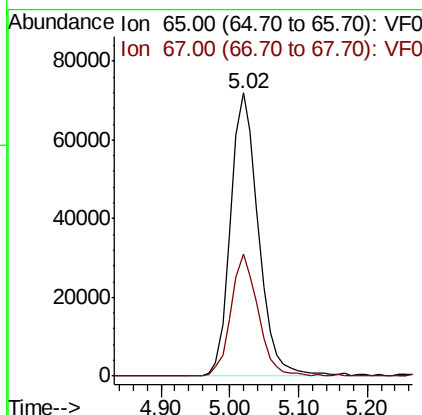
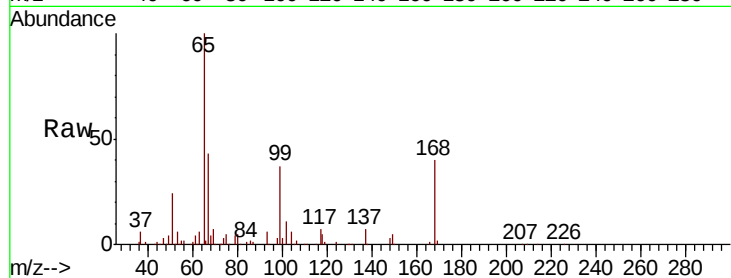




#33
 1,2-Dichloroethane-d4
 Concen: 57.14 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VF059884.D
 Acq: 6 Aug 2018 19:12

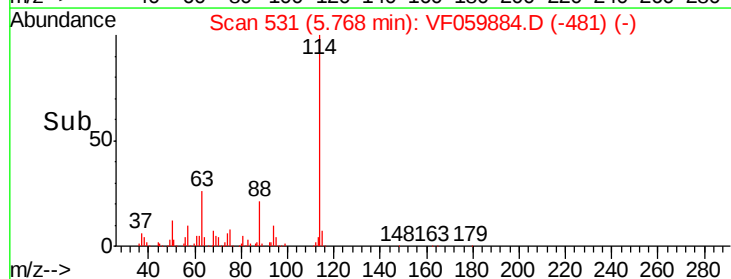
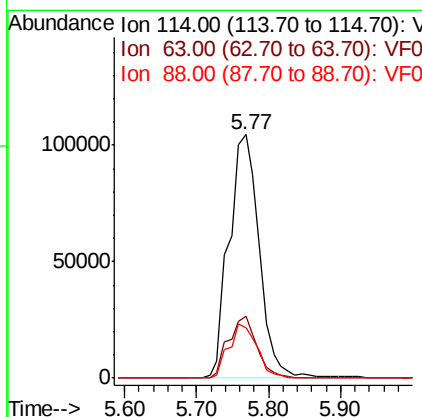
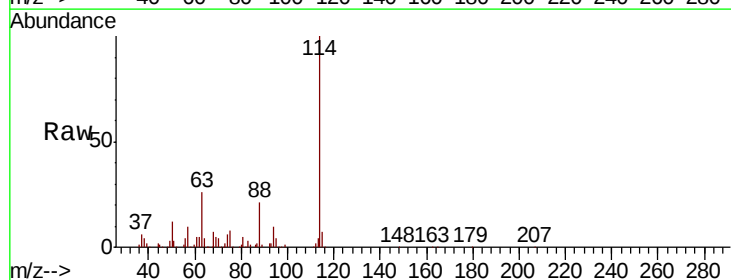
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0806SBL01

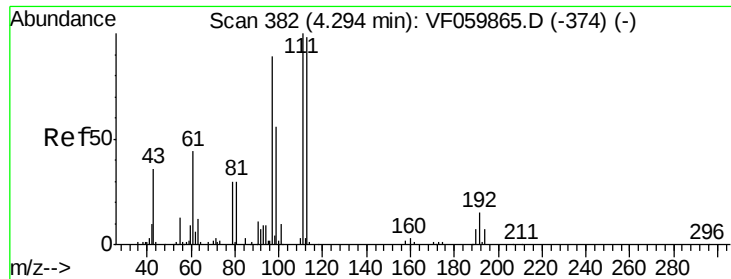
Tot Ion: 65 Resp: 202048
 Ion Ratio Lower Upper
 65 100
 67 43.3 0.0 77.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VF059884.D
 Acq: 6 Aug 2018 19:12

Tgt Ion: 114 Resp: 305411
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 48.0
 88 20.5 0.0 39.4





#35

Dibromofluoromethane

Concen: 53.07 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.00 min

Lab File: VF059884.D

Acq: 6 Aug 2018 19:12

Instrument :

MSVOA_F

ClientSampleId :

VF0806SBL01

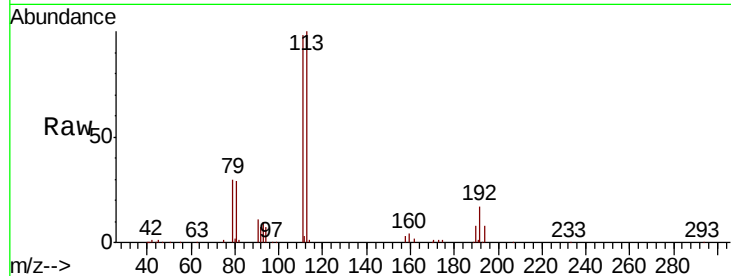
Tot Ion:113 Resp: 161268

Ion Ratio Lower Upper

113 100

111 97.7 81.8 122.8

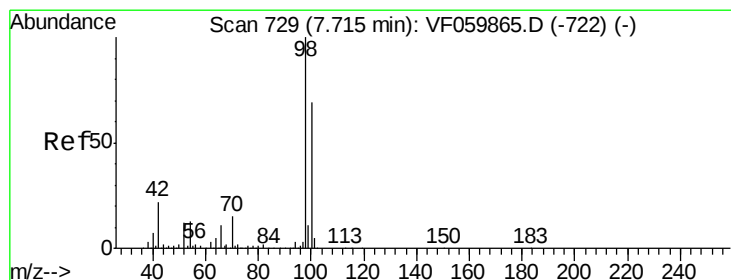
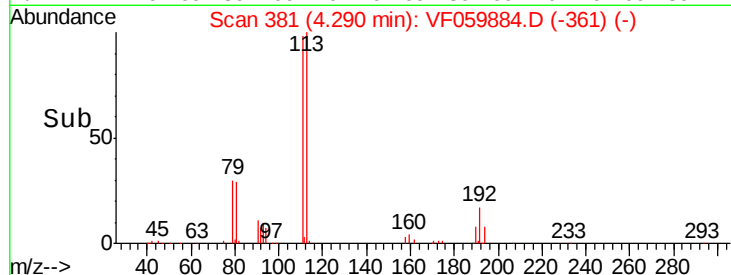
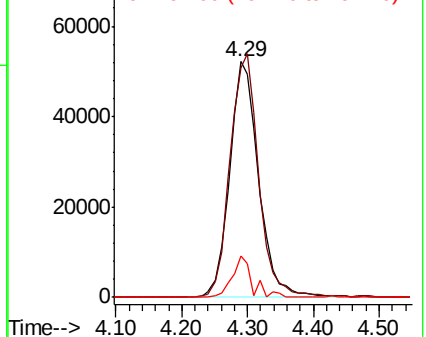
192 17.8 12.4 18.6



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: 52.47 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.00 min

Lab File: VF059884.D

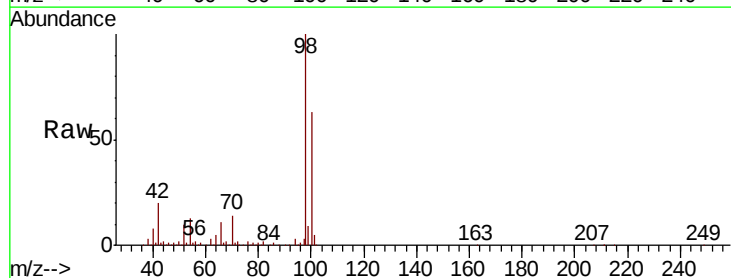
Acq: 6 Aug 2018 19:12

Tgt Ion: 98 Resp: 339237

Ion Ratio Lower Upper

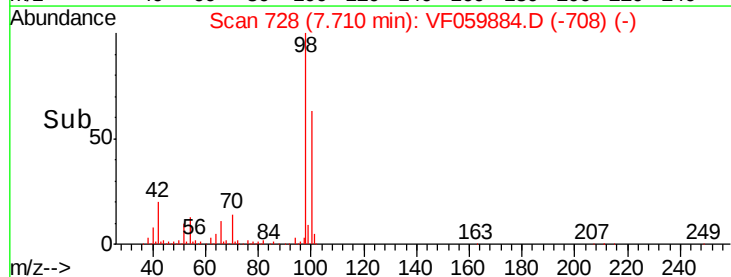
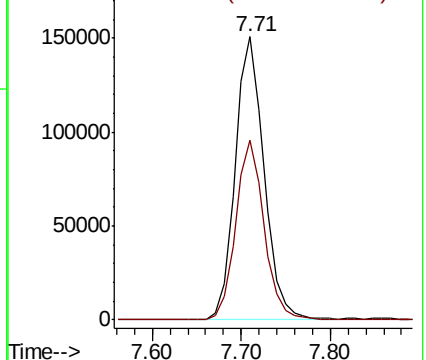
98 100

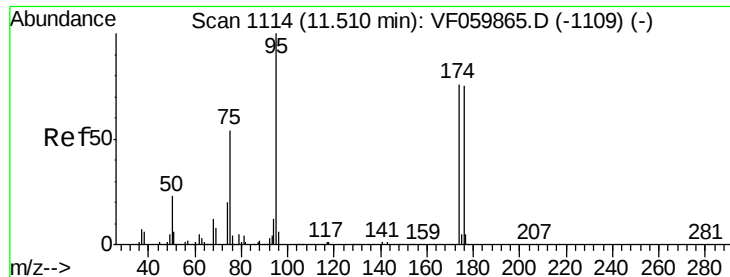
100 63.3 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 52.97 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059884.D

Acq: 6 Aug 2018 19:12

Instrument :

MSVOA_F

ClientSampleId :

VF0806SBL01

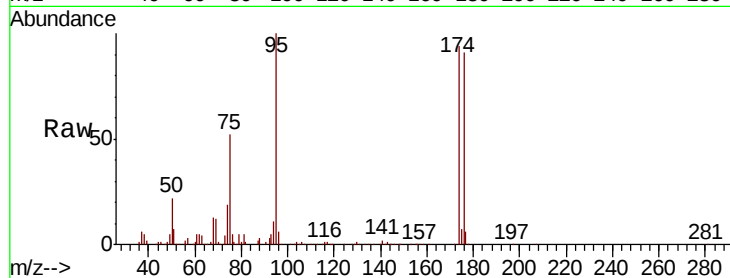
Tot Ion: 95 Resp: 192444

Ion Ratio Lower Upper

95 100

174 93.7 0.0 151.6

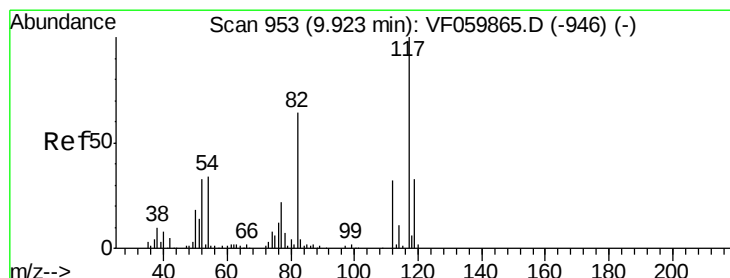
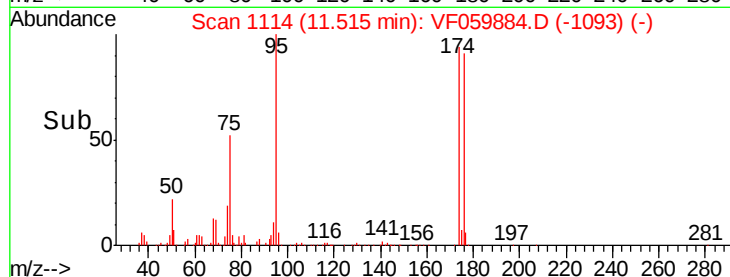
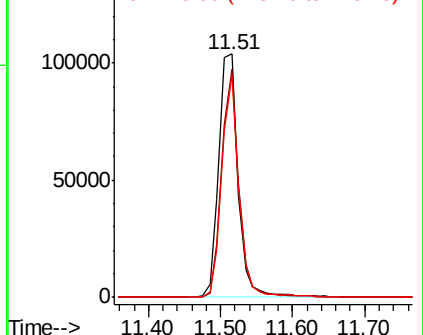
176 90.9 0.0 149.8



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: 50.00 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.00 min

Lab File: VF059884.D

Acq: 6 Aug 2018 19:12

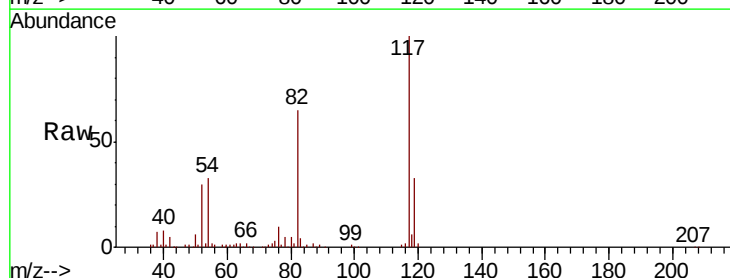
Tgt Ion: 117 Resp: 281295

Ion Ratio Lower Upper

117 100

82 65.0 51.3 76.9

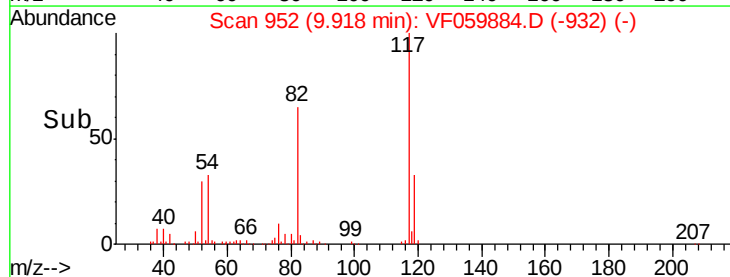
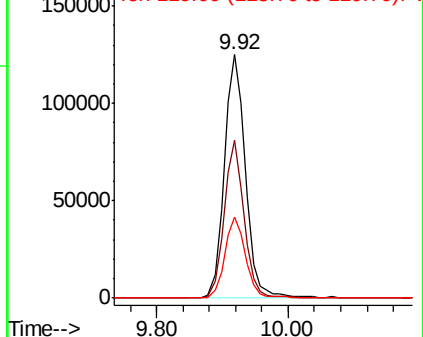
119 33.5 26.4 39.6

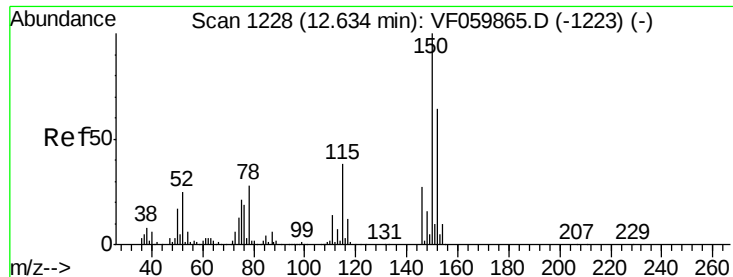


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059884.D

Acq: 6 Aug 2018 19:12

Instrument :

MSVOA_F

ClientSampleId :

VF0806SBL01

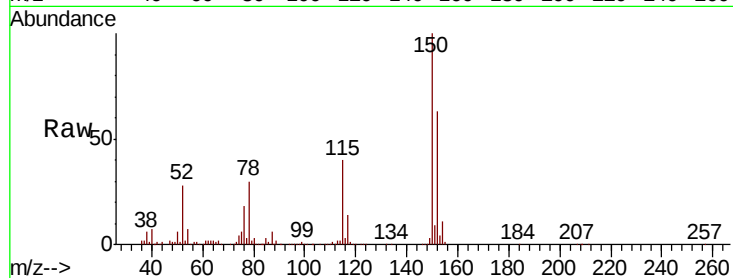
Tot Ion:152 Resp: 191144

Ion Ratio Lower Upper

152 100

115 63.2 29.8 89.4

150 159.3 0.0 315.6



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

