

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
 Data File : VF059411.D
 Acq On : 3 Jul 2018 14:50
 Operator : VA/AP
 Sample : J3774-07RE
 Misc : 5.62g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-6(4-6)RE

Quant Time: Jul 04 01:22:36 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	5.00	168	26707	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.72	114	34821	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.88	117	27473	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	10429	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.97	65	7898	22.89	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	45.78%	
35) Dibromofluoromethane	4.25	113	9824	38.61	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	77.22%	
50) Toluene-d8	7.68	98	29332	46.56	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	93.12%	
62) 4-Bromofluorobenzene	11.48	95	10363	29.16	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	58.32%	

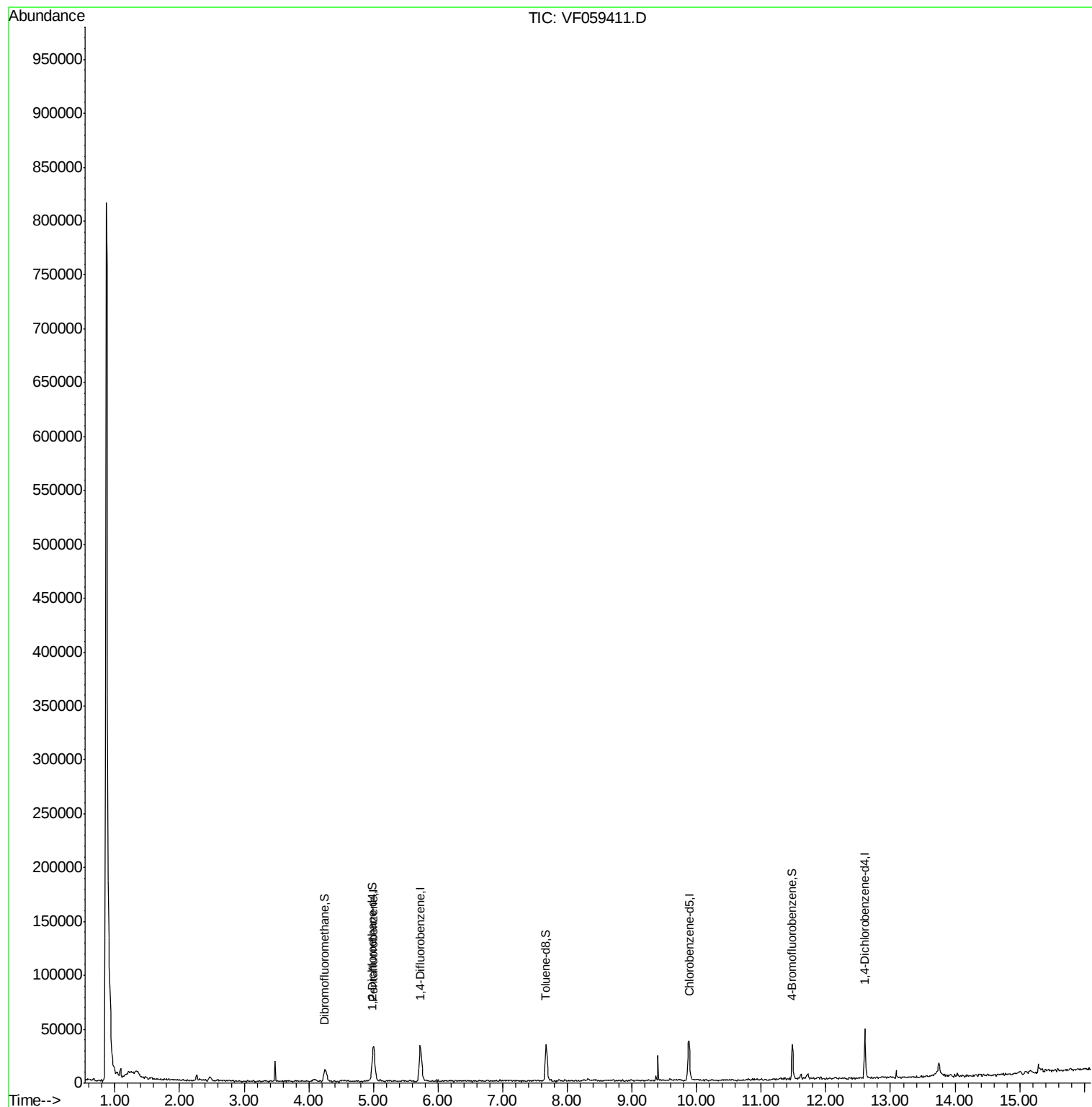
Target Compounds	Qvalue

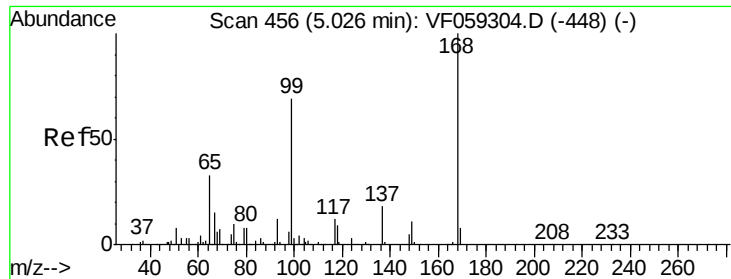
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070318\
Data File : VF059411.D
Acq On : 3 Jul 2018 14:50
Operator : VA/AP
Sample : J3774-07RE
Misc : 5.62g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-6(4-6)RE

Quant Time: Jul 04 01:22:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059411.D

Acq: 3 Jul 2018 14:50

Instrument :

MSVOA_F

ClientSampleId :

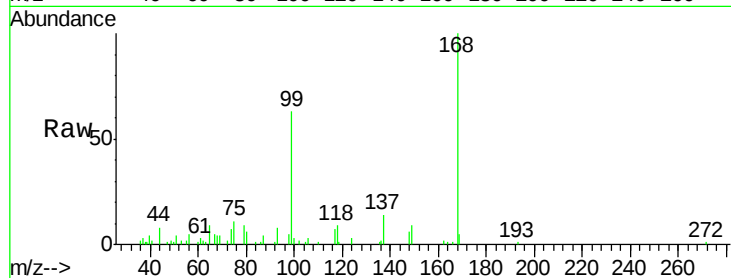
SB-6(4-6)RE

Tot Ion:168 Resp: 26707

Ion Ratio Lower Upper

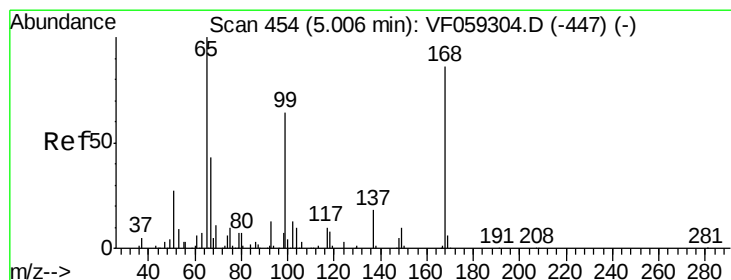
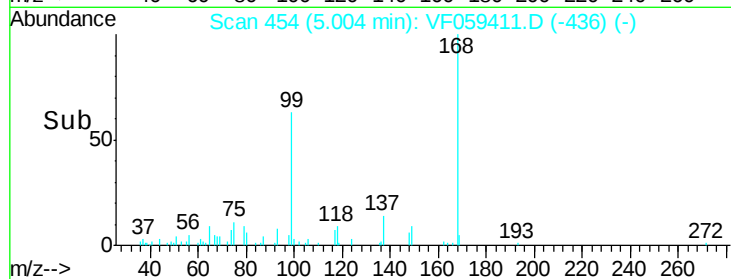
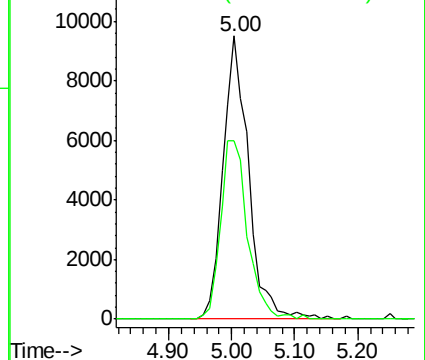
168 100

99 62.9 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: 22.889 ug/l

RT: 4.97 min Scan# 451

Delta R.T. -0.03 min

Lab File: VF059411.D

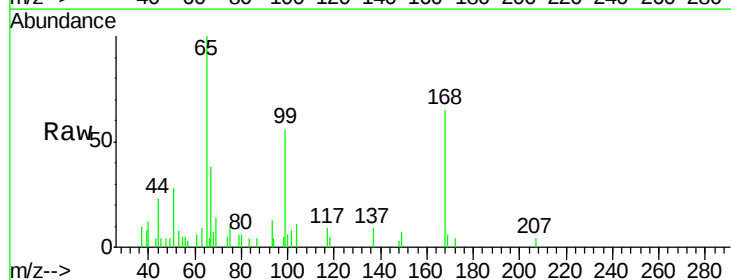
Acq: 3 Jul 2018 14:50

Tgt Ion: 65 Resp: 7898

Ion Ratio Lower Upper

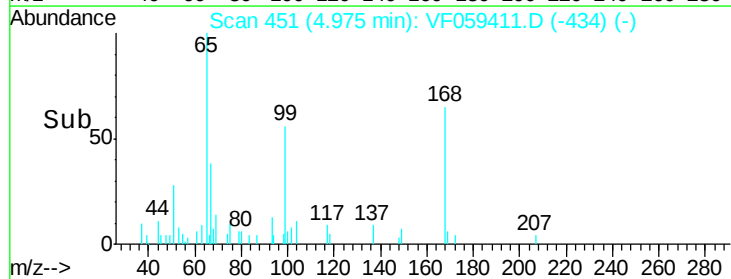
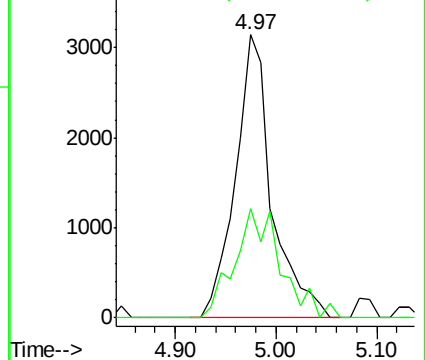
65 100

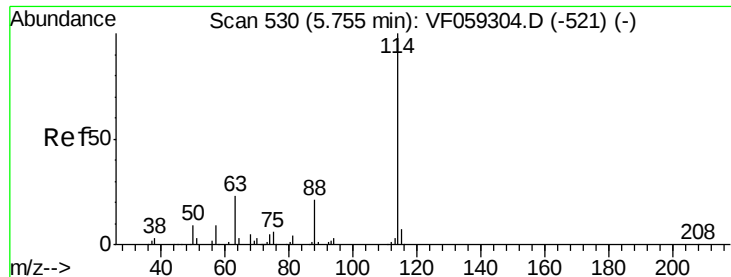
67 38.4 0.0 96.8



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: 5.72 min Scan# 527

Delta R.T. -0.03 min

Lab File: VF059411.D

Acq: 3 Jul 2018 14:50

Instrument :

MSVOA_F

ClientSampleId :

SB-6(4-6)RE

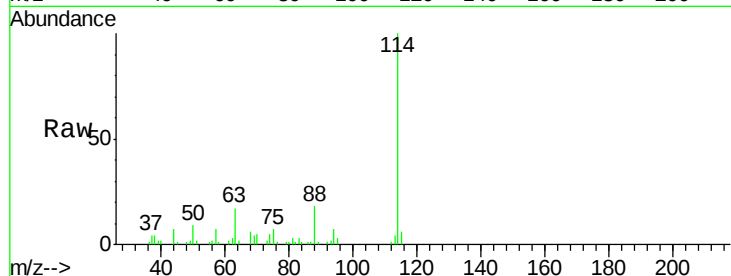
Tot Ion:114 Resp: 34821

Ion Ratio Lower Upper

114 100

63 16.9 0.0 45.8

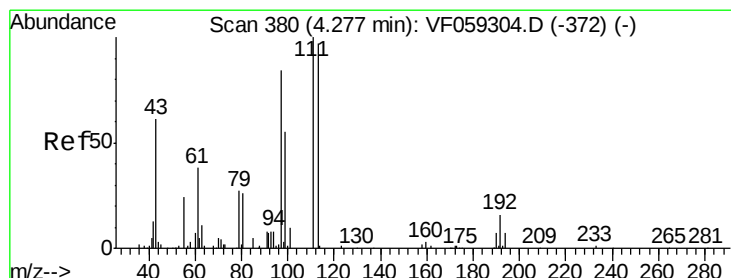
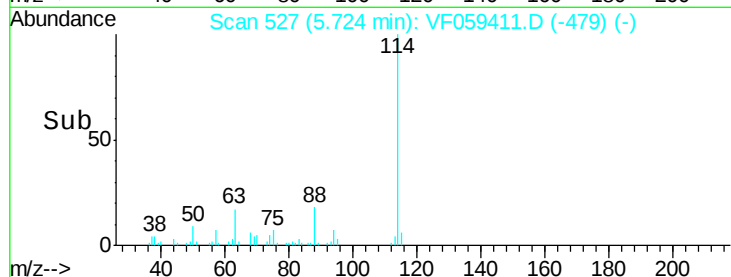
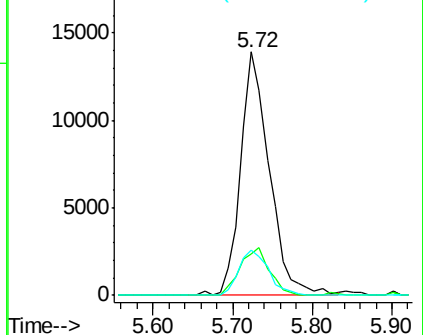
88 18.4 0.0 41.2



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: 38.612 ug/l

RT: 4.25 min Scan# 377

Delta R.T. -0.03 min

Lab File: VF059411.D

Acq: 3 Jul 2018 14:50

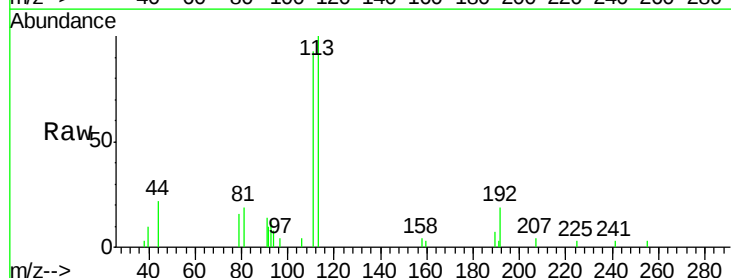
Tgt Ion:113 Resp: 9824

Ion Ratio Lower Upper

113 100

111 92.9 82.1 123.1

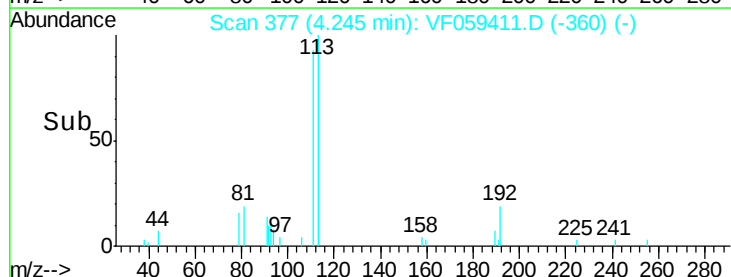
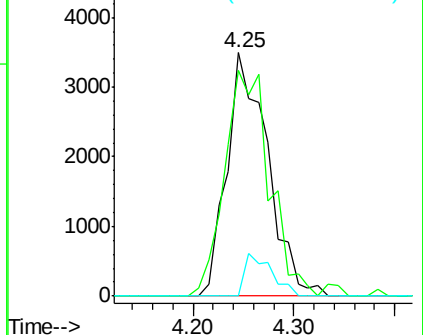
192 0.0 13.0 19.6#

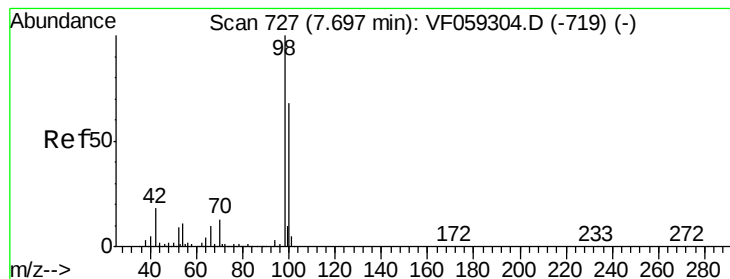


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 46.564 ug/l

RT: 7.68 min Scan# 725

Delta R.T. -0.02 min

Lab File: VF059411.D

Acq: 3 Jul 2018 14:50

Instrument :

MSVOA_F

ClientSampleId :

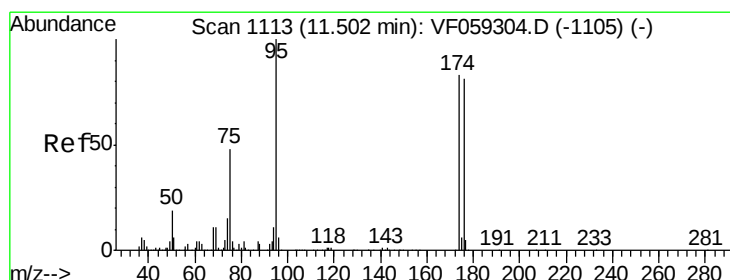
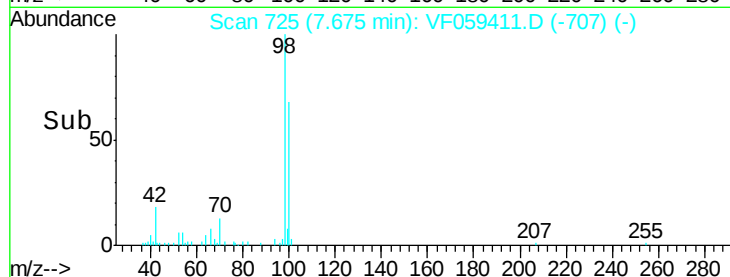
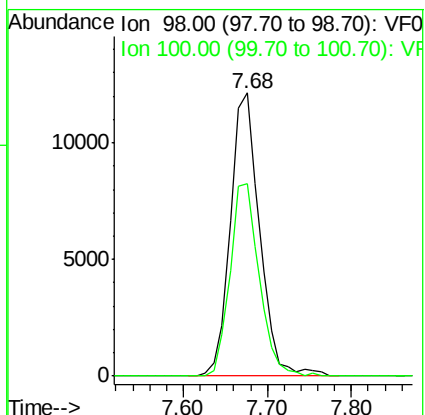
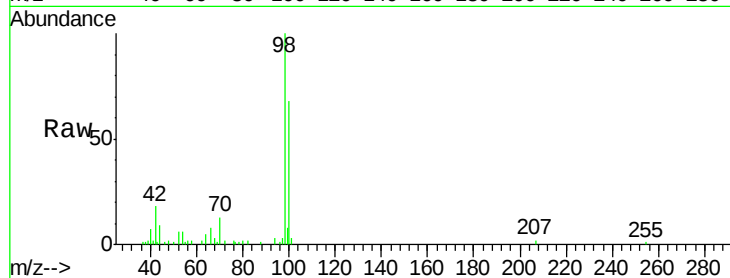
SB-6(4-6)RE

Tot Ion: 98 Resp: 29332

Ion Ratio Lower Upper

98 100

100 68.1 54.6 82.0



#62

4-Bromofluorobenzene

Concen: 29.164 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF059411.D

Acq: 3 Jul 2018 14:50

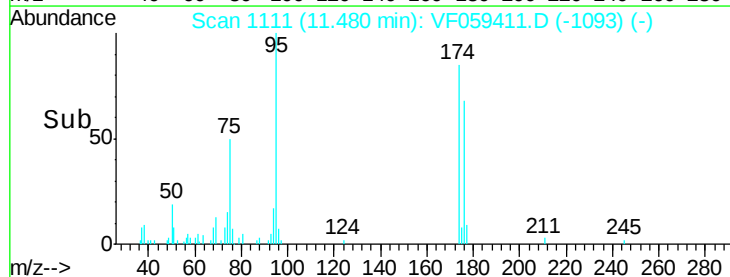
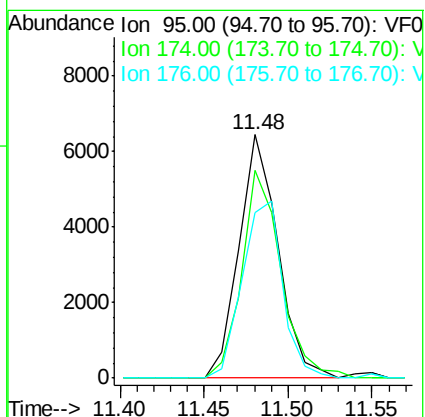
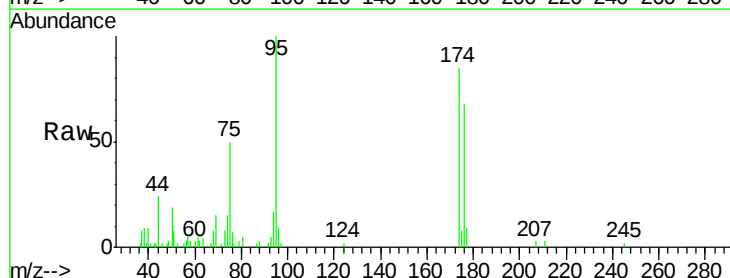
Tgt Ion: 95 Resp: 10363

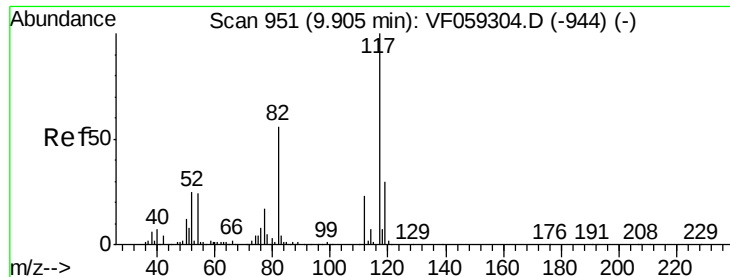
Ion Ratio Lower Upper

95 100

174 85.3 0.0 165.2

176 68.2 0.0 161.0

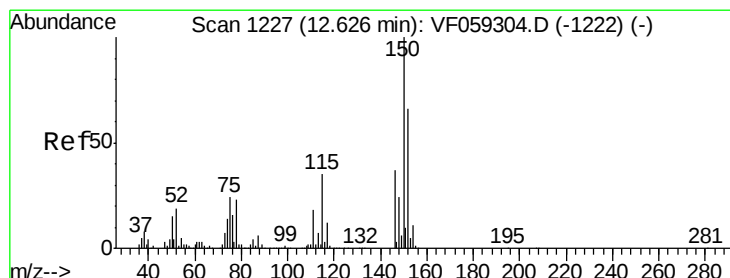
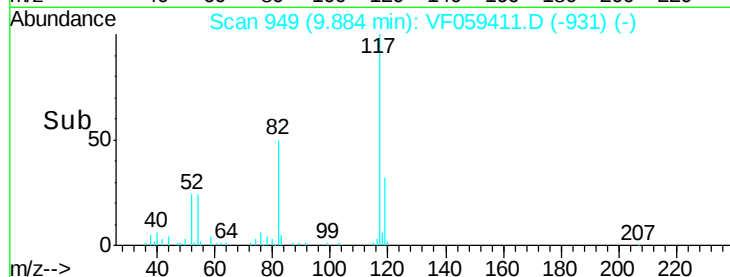
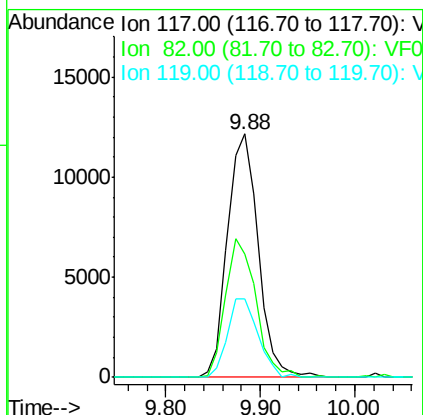
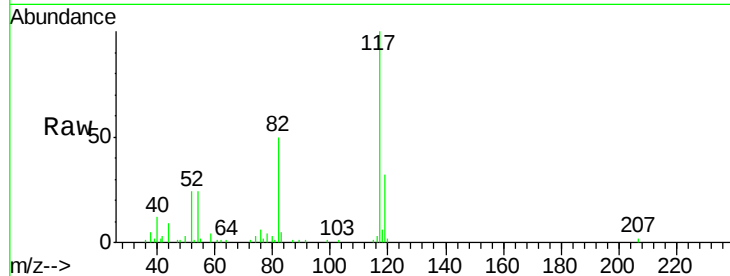




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.88 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059411.D
Acq: 3 Jul 2018 14:50

Instrument :
MSVOA_F
ClientSampleId :
SB-6(4-6)RE

Tot Ion:117 Resp: 27473
Ion Ratio Lower Upper
117 100
82 50.4 44.6 66.8
119 32.4 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF059411.D
Acq: 3 Jul 2018 14:50

Tgt Ion:152 Resp: 10429
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.3
150 151.1 0.0 305.2

