

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073018\
 Data File : VF059693.D
 Acq On : 30 Jul 2018 17:40
 Operator : VA/AP
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VIBLK

Quant Time: Jul 31 04:21:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 03:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	222986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	314447	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	304013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	204899	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	171151	48.87	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.74%	
35) Dibromofluoromethane	4.28	113	149777	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	7.70	98	320021	43.98	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	87.96%	
62) 4-Bromofluorobenzene	11.50	95	180710	45.90	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	91.80%	

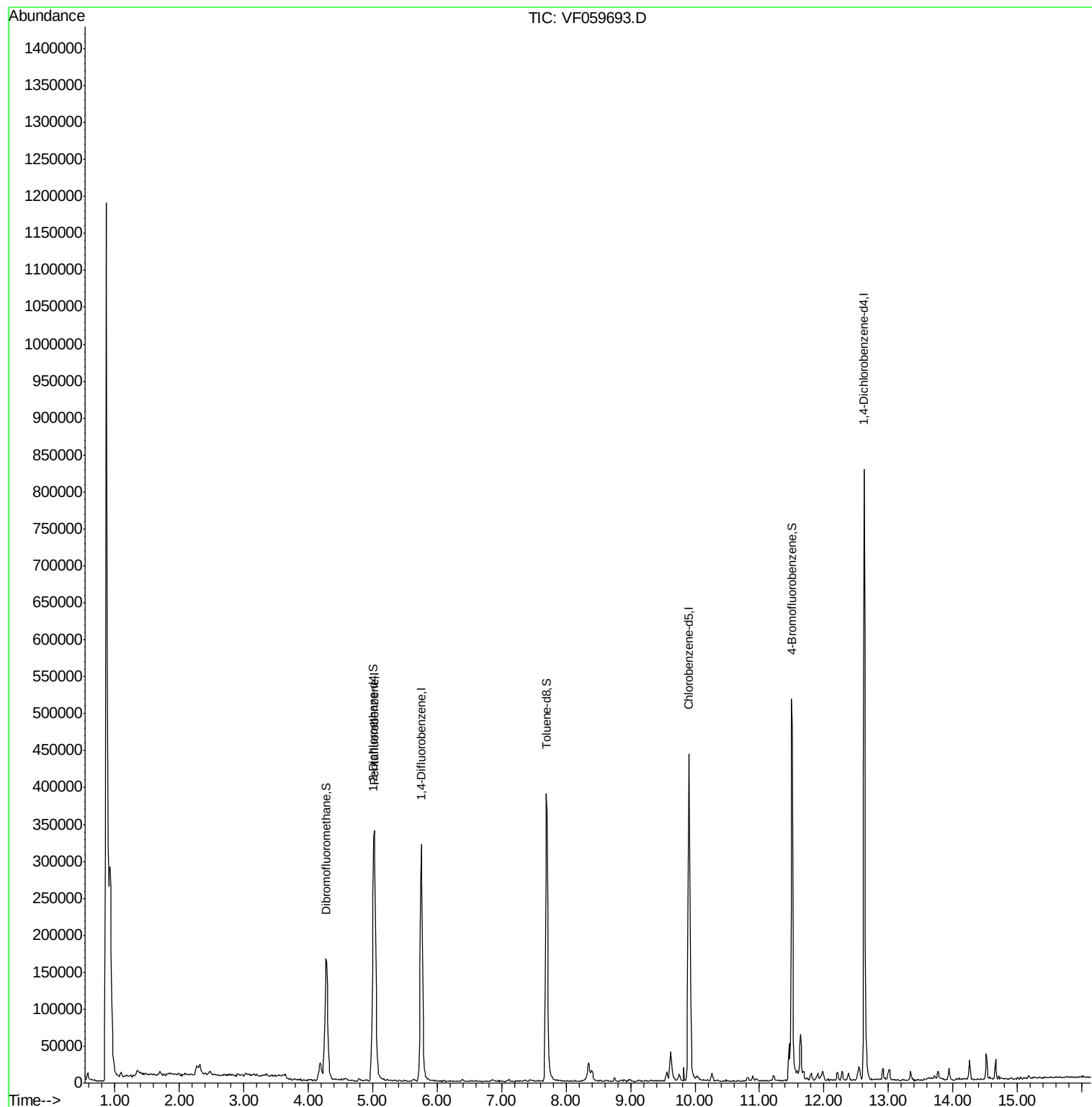
Target Compounds	Qvalue

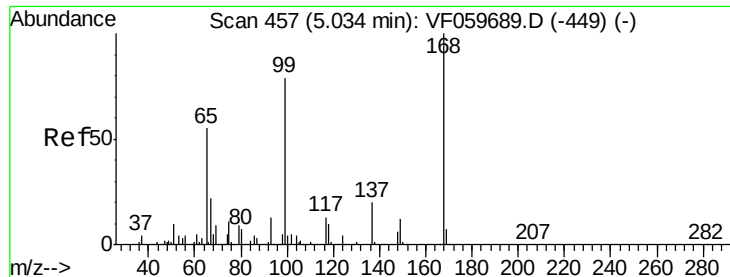
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF073018\
Data File : VF059693.D
Acq On : 30 Jul 2018 17:40
Operator : VA/AP
Sample : VIBLK
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 88 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Quant Time: Jul 31 04:21:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 03:48:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF059693.D

Acq: 30 Jul 2018 17:40

Instrument :

MSVOA_F

ClientSampleId :

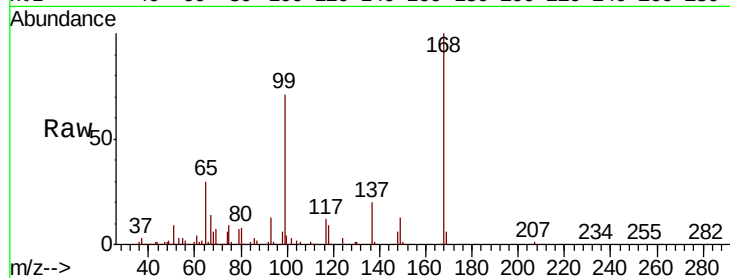
VIBLK

Tot Ion:168 Resp: 222986

Ion Ratio Lower Upper

168 100

99 70.7 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

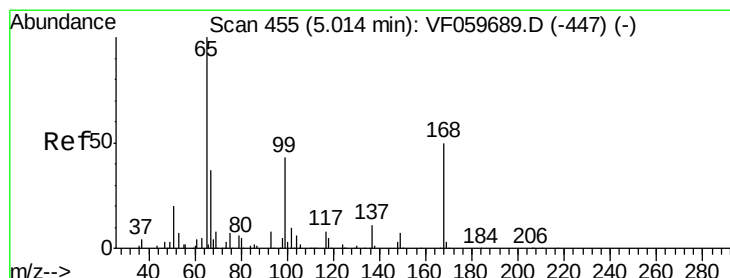
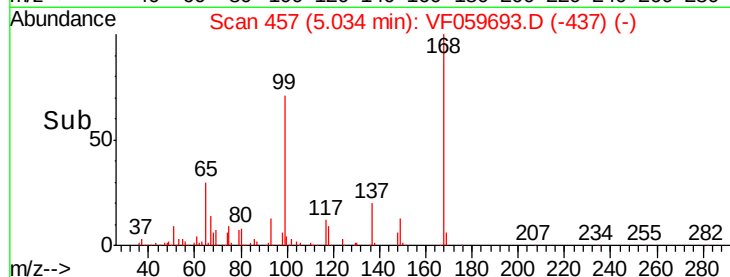
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.87 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059693.D

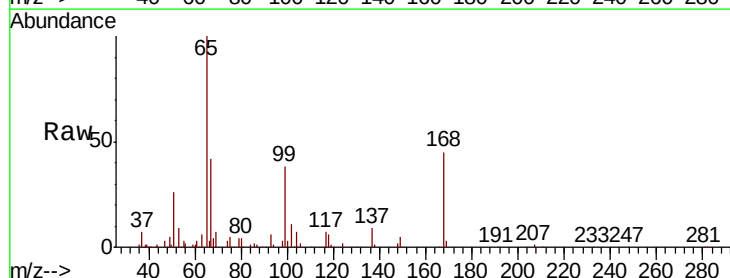
Acq: 30 Jul 2018 17:40

Tgt Ion: 65 Resp: 171151

Ion Ratio Lower Upper

65 100

67 41.8 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

60000

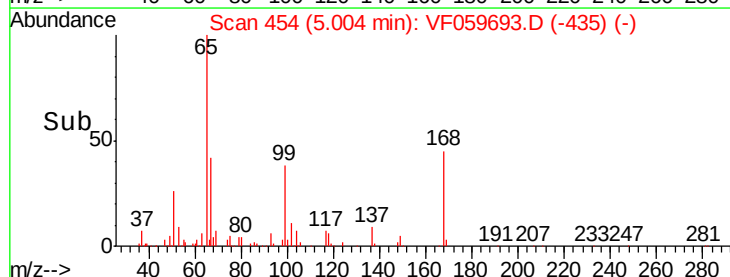
40000

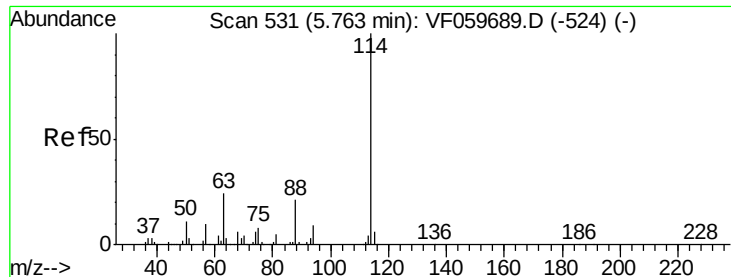
20000

0

4.90 5.00 5.10

Time-->

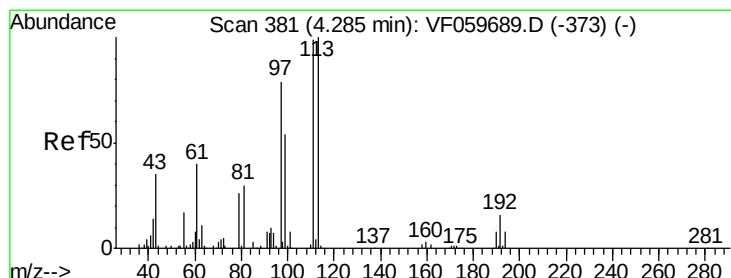
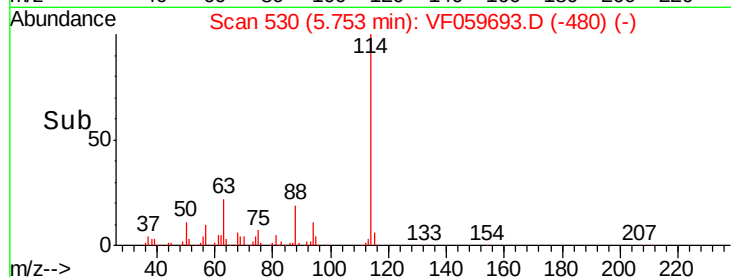
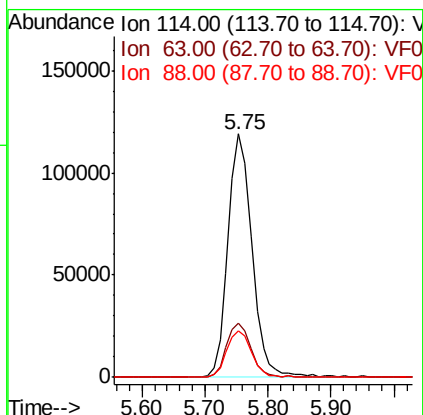
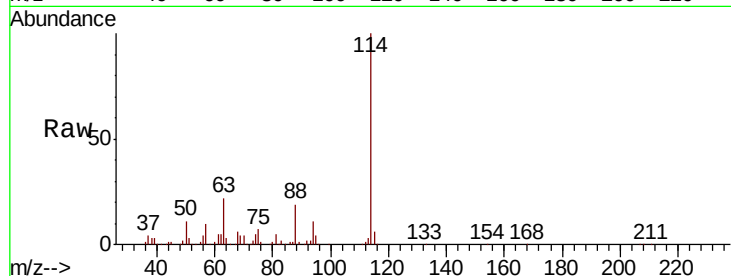




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059693.D
 Acq: 30 Jul 2018 17:40

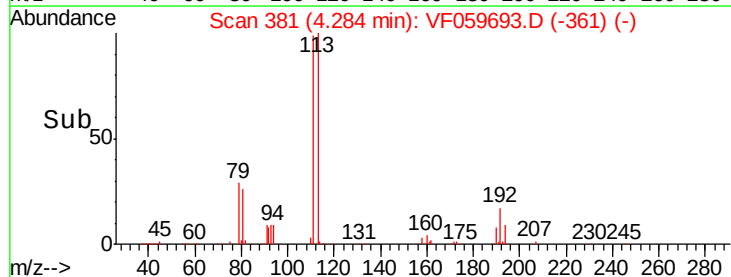
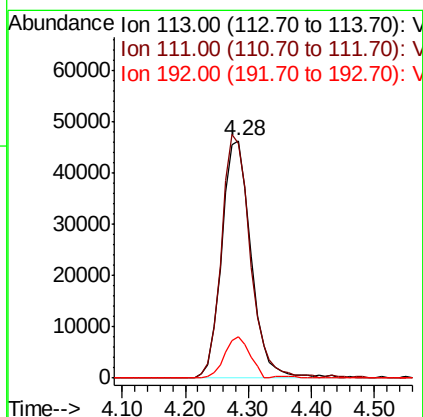
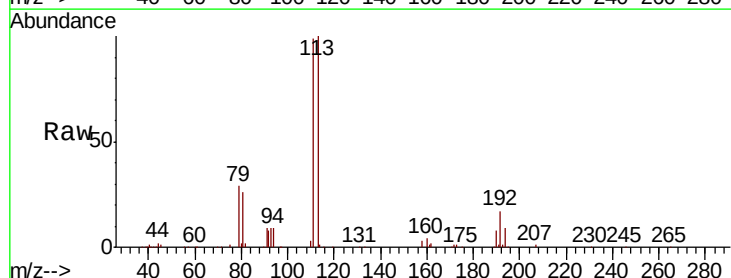
Instrument :
 MSVOA_F
 ClientSampleId :
 VIBLK

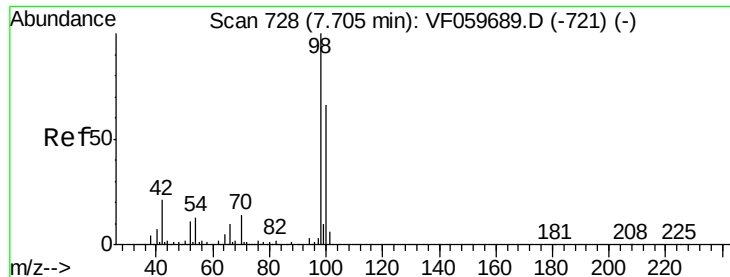
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.4
88	19.3	0.0	41.2



#35
 Dibromofluoromethane
 Concen: 49.77 ug/l
 RT: 4.28 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VF059693.D
 Acq: 30 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.6	79.0	118.4
192	17.3	13.2	19.8

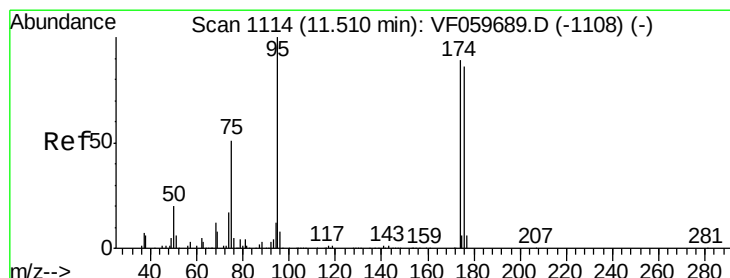
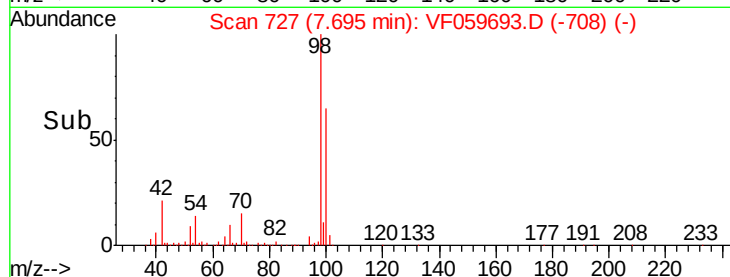
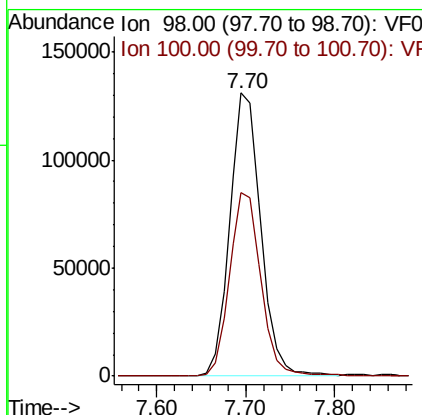
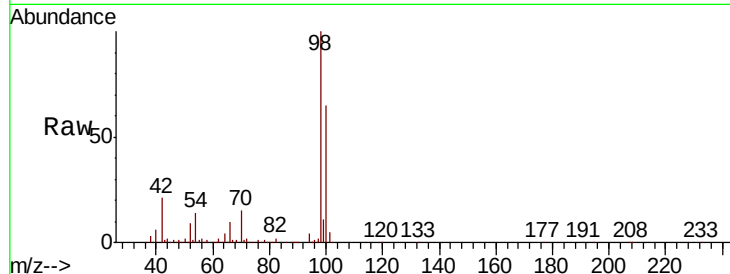




#50
Toluene-d8
Concen: 43.98 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059693.D
Acq: 30 Jul 2018 17:40

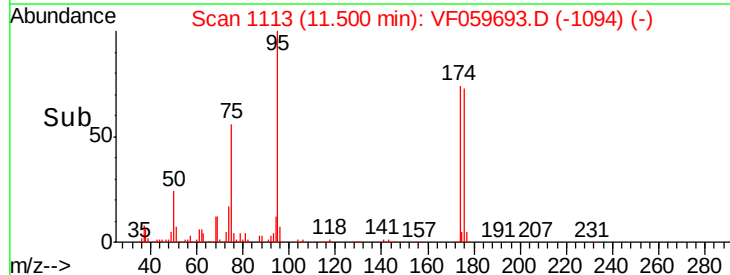
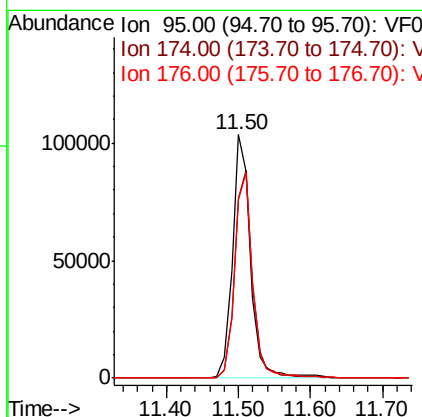
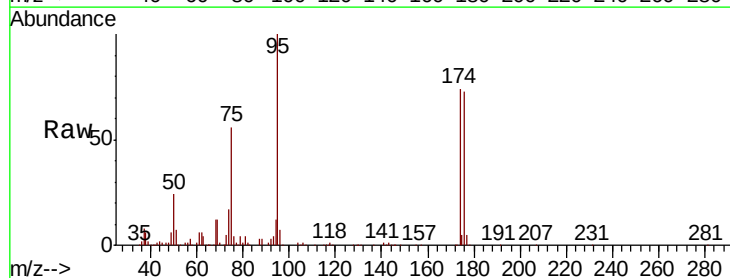
Instrument :
MSVOA_F
ClientSampleId :
VIBLK

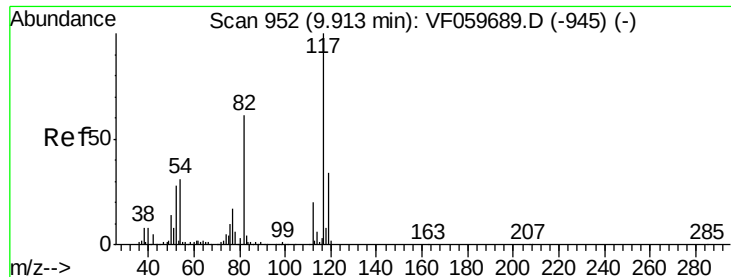
Tot Ion: 98 Resp: 320021
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.90 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059693.D
Acq: 30 Jul 2018 17:40

Tgt Ion: 95 Resp: 180710
Ion Ratio Lower Upper
95 100
174 73.5 0.0 178.4
176 73.1 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. -0.00 min

Lab File: VF059693.D

Acq: 30 Jul 2018 17:40

Instrument :

MSVOA_F

ClientSampleId :

VIBLK

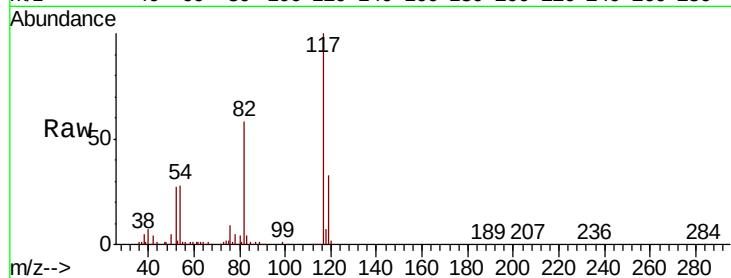
Tot Ion:117 Resp: 304013

Ion Ratio Lower Upper

117 100

82 58.1 49.0 73.4

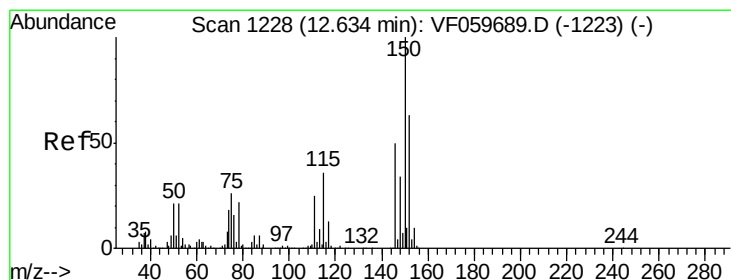
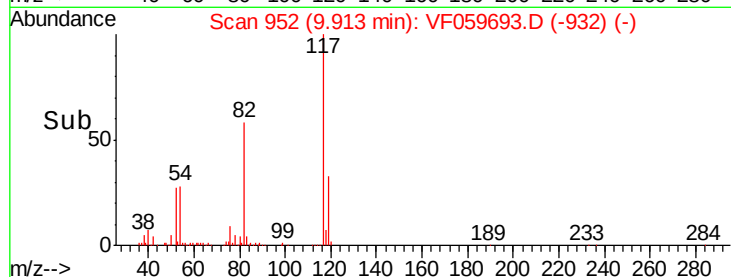
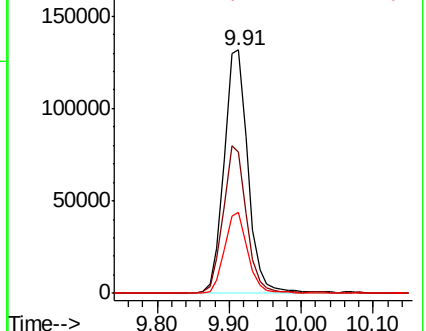
119 33.1 27.3 40.9



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# 1227

Delta R.T. -0.01 min

Lab File: VF059693.D

Acq: 30 Jul 2018 17:40

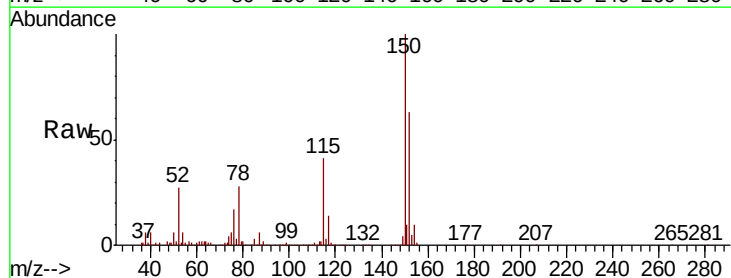
Tgt Ion:152 Resp: 204899

Ion Ratio Lower Upper

152 100

115 64.5 28.2 84.6

150 159.1 0.0 316.2



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

