

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059769.D
 Acq On : 1 Aug 2018 21:34
 Operator : VA/AP
 Sample : J4236-02
 Misc : 9.48g/5mL/MSVOA F/SOIL
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-01-010-A

Quant Time: Aug 02 07:07:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	232728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	368578	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	313560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	162060	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	199450	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
35) Dibromofluoromethane	4.29	113	184919	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	7.70	98	361670	40.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.02%	
62) 4-Bromofluorobenzene	11.51	95	165089	33.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.80%	

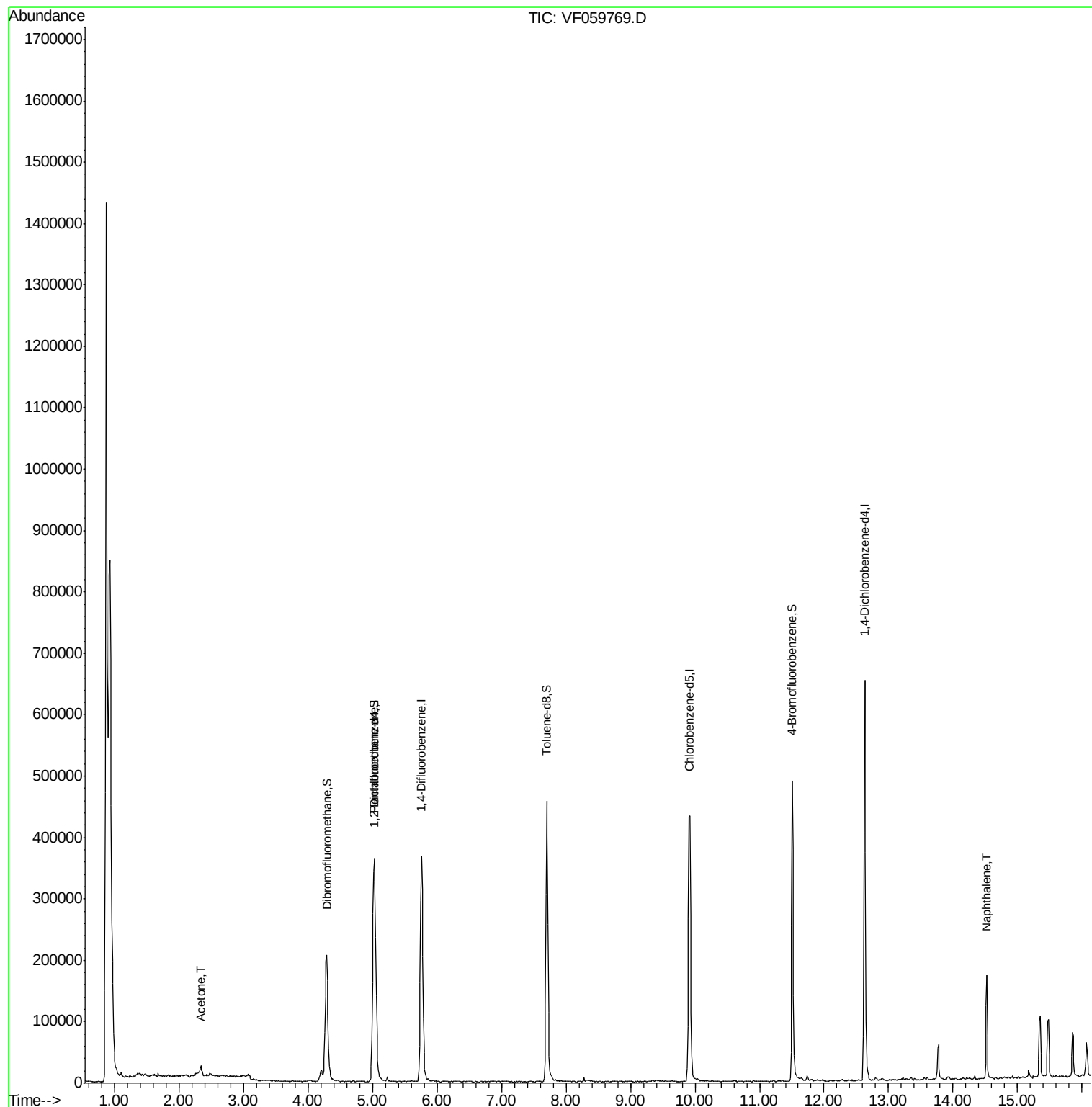
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	23781	31.61	ug/l	# 91
95) Naphthalene	14.52	128	115923	16.59	ug/l	99

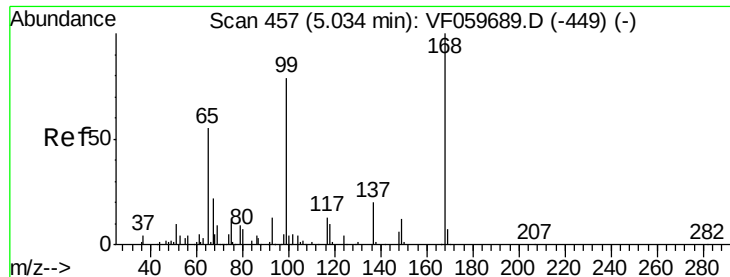
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059769.D
Acq On : 1 Aug 2018 21:34
Operator : VA/AP
Sample : J4236-02
Misc : 9.48g/5mL/MSVOA F/SOIL
ALS Vial : 99 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-01-010-A

Quant Time: Aug 02 07:07:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059769.D

Acq: 1 Aug 2018 21:34

Instrument :

MSVOA_F

ClientSampleId :

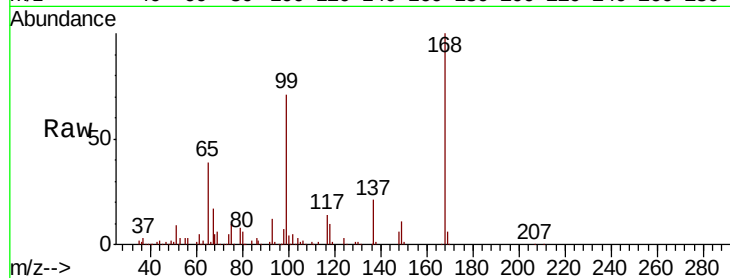
FK-GF-01-010-A

Tot Ion:168 Resp: 232728

Ion Ratio Lower Upper

168 100

99 71.1 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

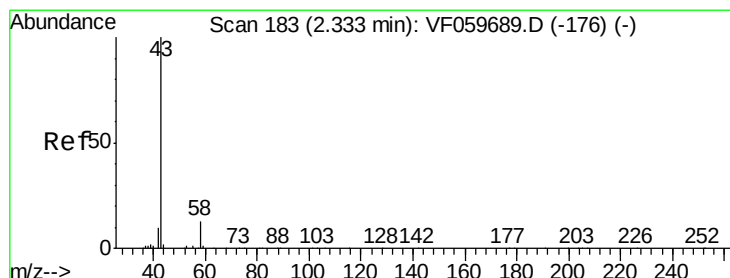
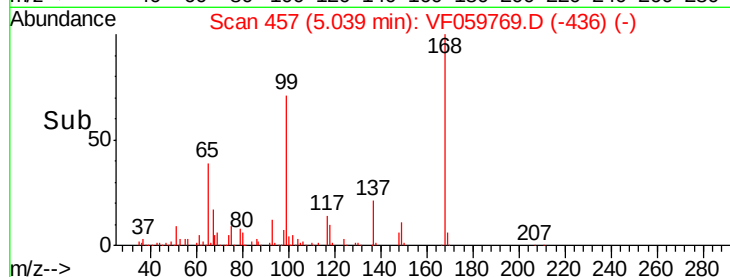
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 31.61 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059769.D

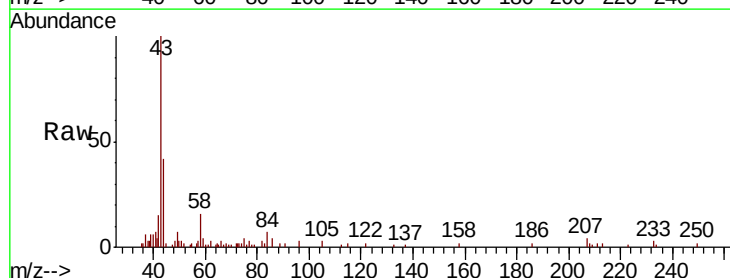
Acq: 1 Aug 2018 21:34

Tgt Ion: 43 Resp: 23781

Ion Ratio Lower Upper

43 100

58 16.0 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

10000

8000

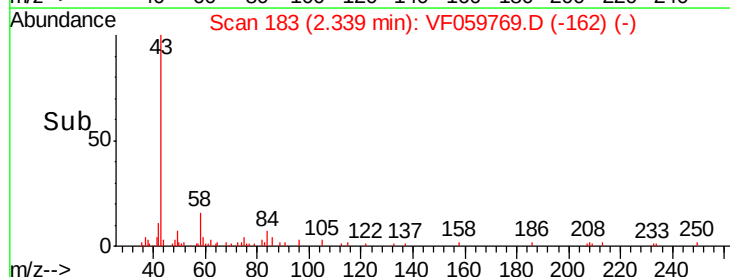
6000

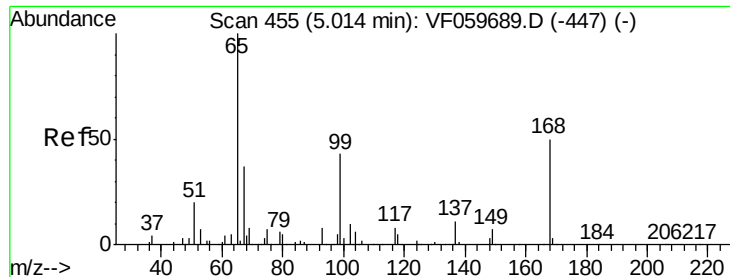
4000

2000

0

Time-->

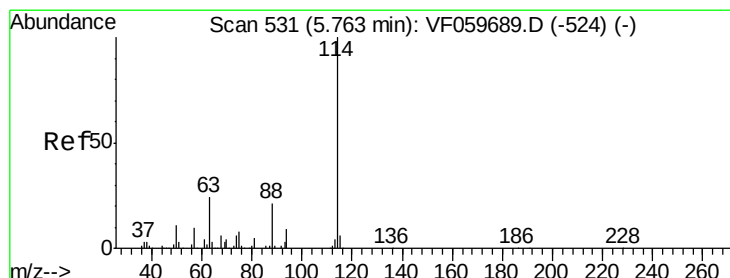
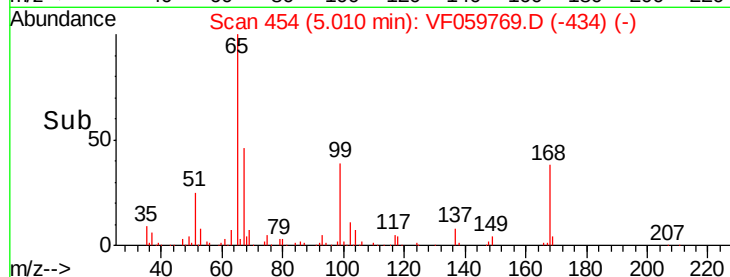
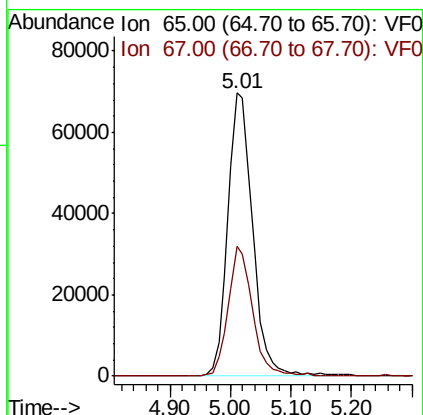
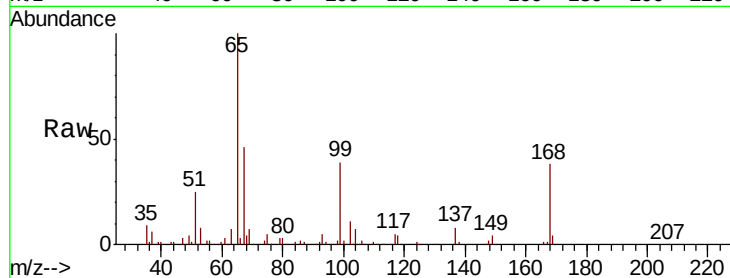




#33
 1,2-Dichloroethane-d4
 Concen: 47.69 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: VF059769.D
 Acq: 1 Aug 2018 21:34

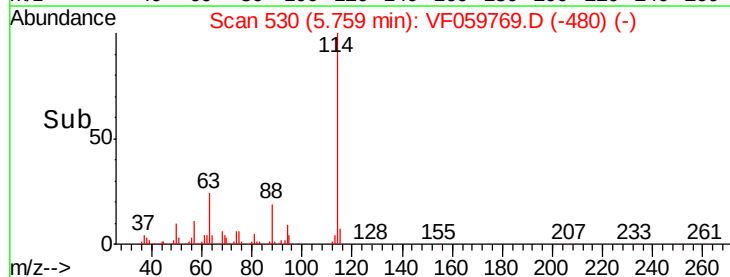
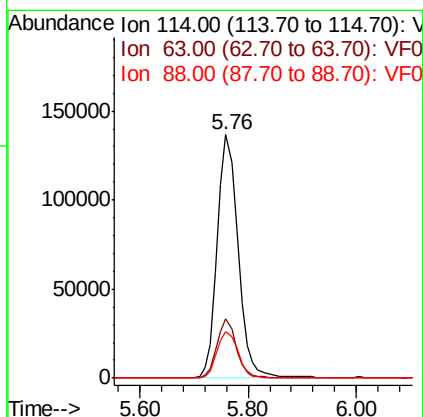
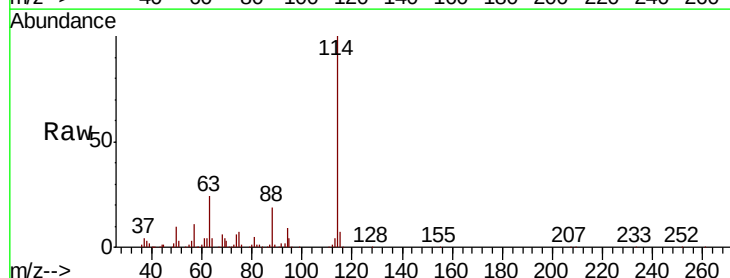
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-01-010-A

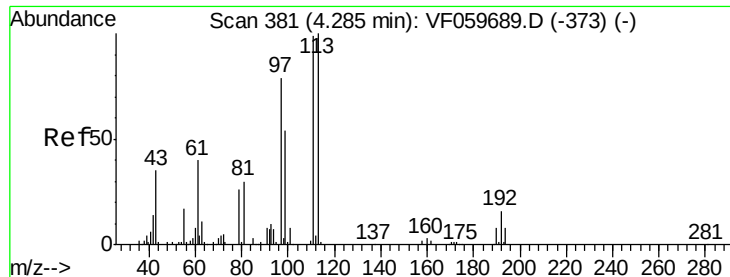
Tot Ion: 65 Resp: 199450
 Ion Ratio Lower Upper
 65 100
 67 46.0 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VF059769.D
 Acq: 1 Aug 2018 21:34

Tgt Ion: 114 Resp: 368578
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 47.4
 88 19.2 0.0 41.2

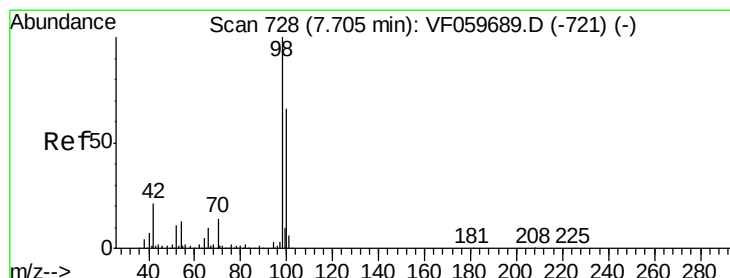
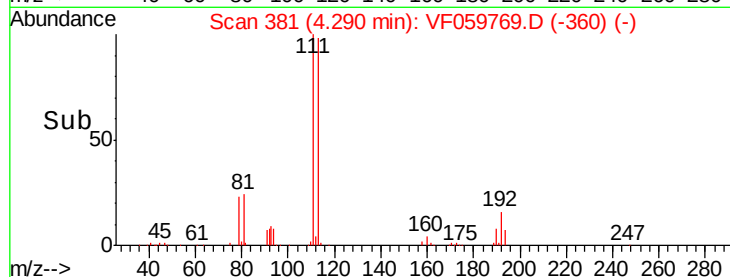
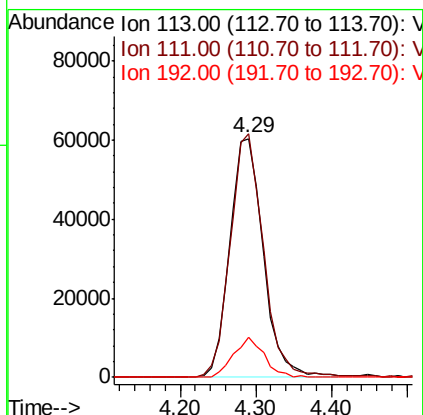
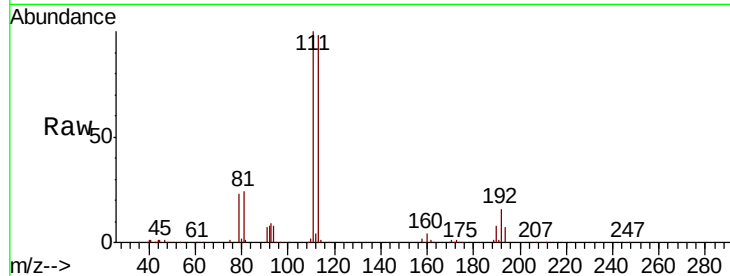




#35
 Dibromofluoromethane
 Concen: 48.30 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VF059769.D
 Acq: 1 Aug 2018 21:34

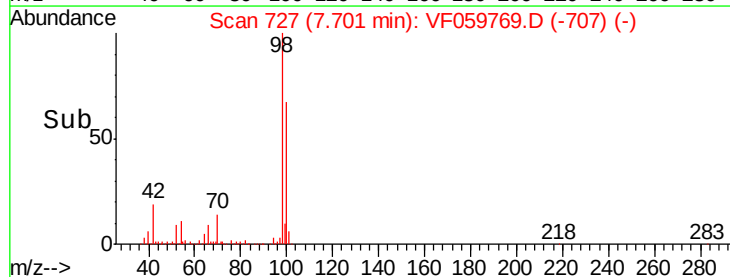
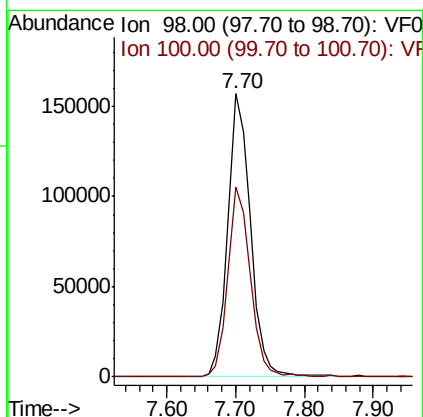
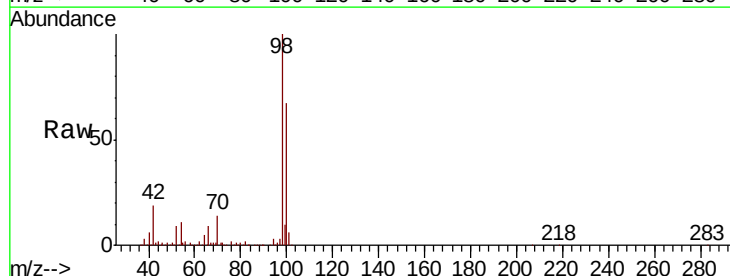
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-01-010-A

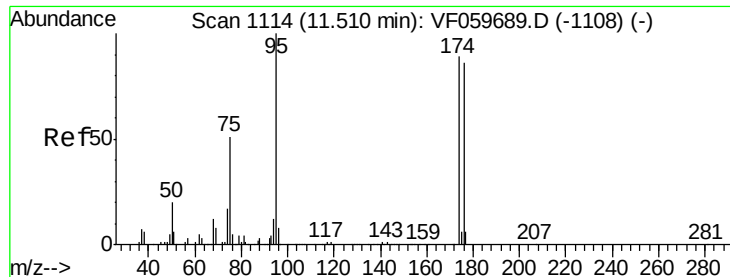
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	79.0	118.4
192	16.7	13.2	19.8



#50
 Toluene-d8
 Concen: 40.51 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VF059769.D
 Acq: 1 Aug 2018 21:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 33.40 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059769.D

Acq: 1 Aug 2018 21:34

Instrument :

MSVOA_F

ClientSampleId :

FK-GF-01-010-A

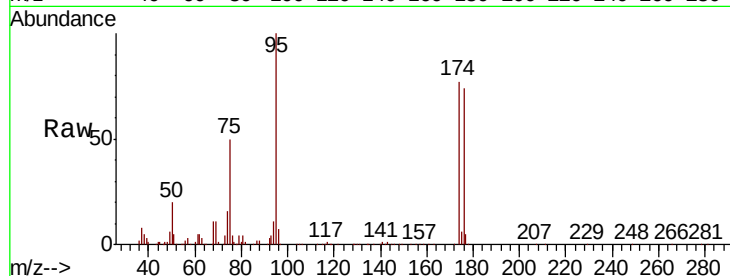
Tot Ion: 95 Resp: 165089

Ion Ratio Lower Upper

95 100

174 77.0 0.0 178.4

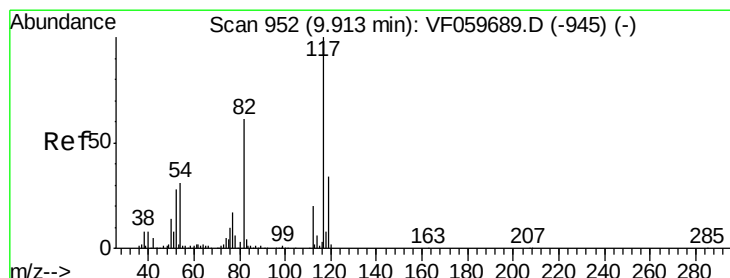
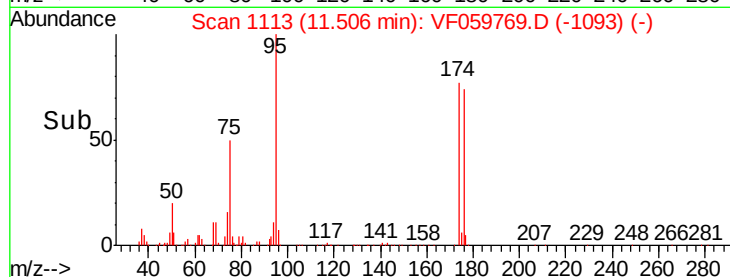
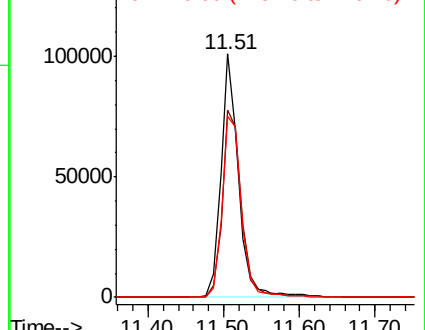
176 74.1 0.0 173.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF059769.D

Acq: 1 Aug 2018 21:34

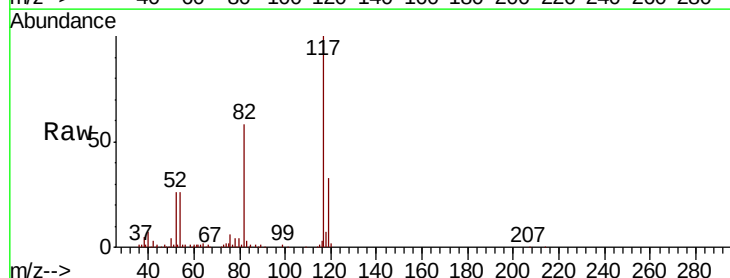
Tgt Ion: 117 Resp: 313560

Ion Ratio Lower Upper

117 100

82 58.1 49.0 73.4

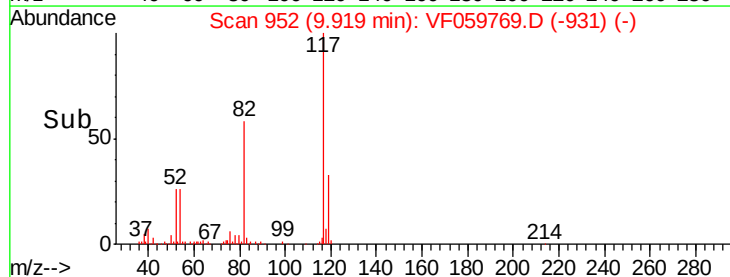
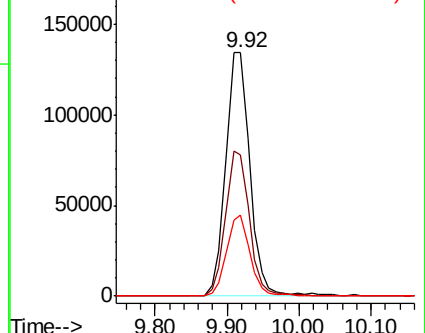
119 33.3 27.3 40.9

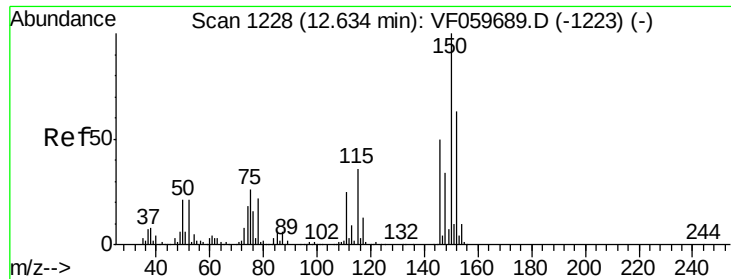


Abundance Ion 117.00 (116.70 to 117.70): V

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: 12.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059769.D

Acq: 1 Aug 2018 21:34

Instrument :

MSVOA_F

ClientSampleId :

FK-GF-01-010-A

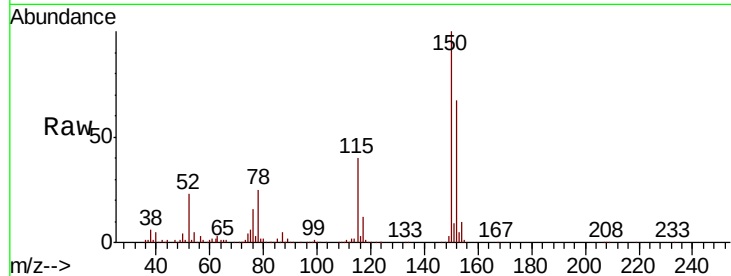
Tot Ion:152 Resp: 162060

Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.6

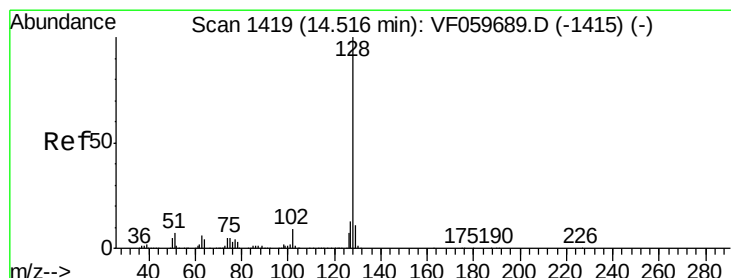
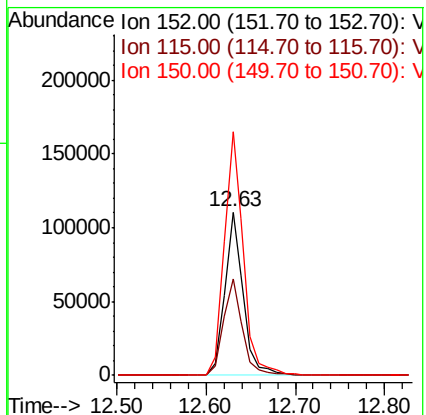
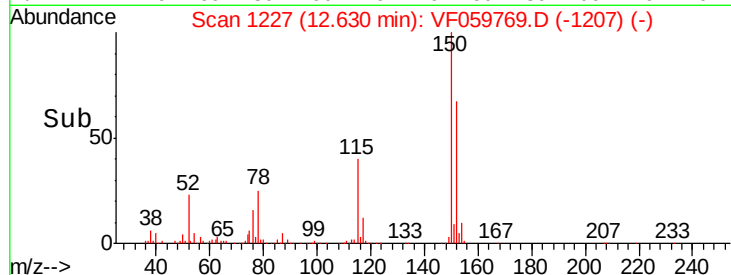
150 149.3 0.0 316.2



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



#95

Naphthalene

Concen: 16.59 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.01 min

Lab File: VF059769.D

Acq: 1 Aug 2018 21:34

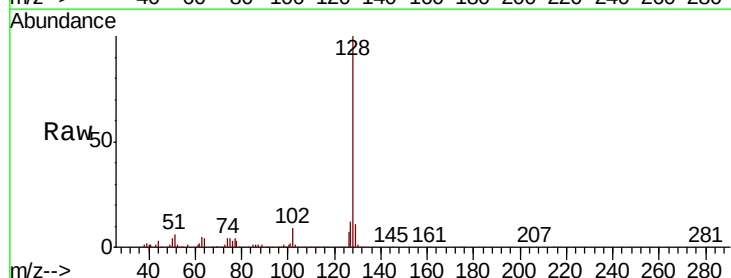
Tgt Ion:128 Resp: 115923

Ion Ratio Lower Upper

128 100

127 12.2 10.0 15.0

129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

