

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059770.D
 Acq On : 1 Aug 2018 22:02
 Operator : VA/AP
 Sample : J4237-04RE
 Misc : 8.09g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-02-023-BRE

Quant Time: Aug 02 07:13:00 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

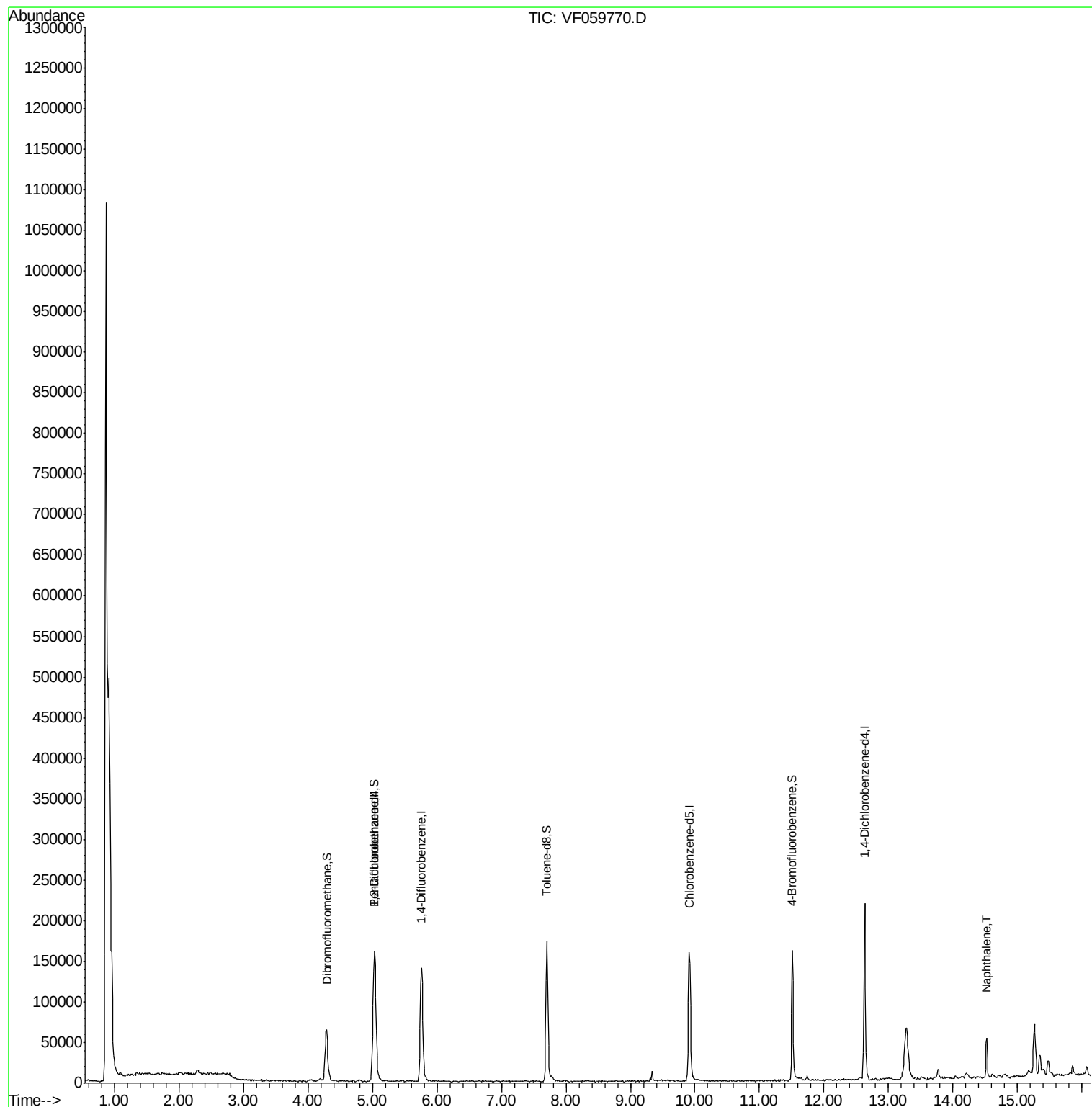
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	112792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	146414	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	111962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	54453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	56084	27.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.34%	
35) Dibromofluoromethane	4.29	113	56967	37.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.92%	
50) Toluene-d8	7.70	98	147280	41.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.06%	
62) 4-Bromofluorobenzene	11.51	95	54219	27.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.24%	
Target Compounds						
95) Naphthalene	14.52	128	35176	14.98	ug/l	Qvalue 98

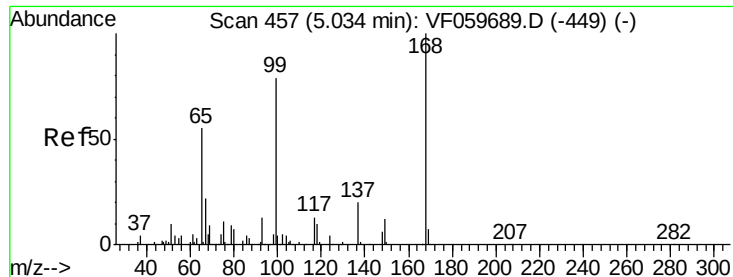
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF059770.D

Acq: 1 Aug 2018 22:02

Instrument :

MSVOA_F

ClientSampleId :

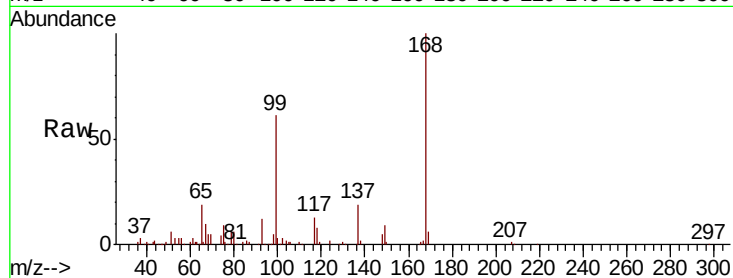
FK-GF-02-023-BRE

Tot Ion:168 Resp: 112792

Ion Ratio Lower Upper

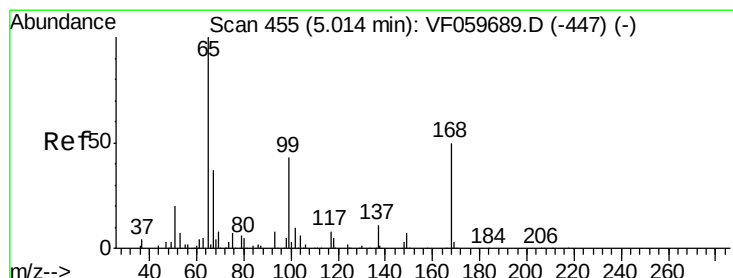
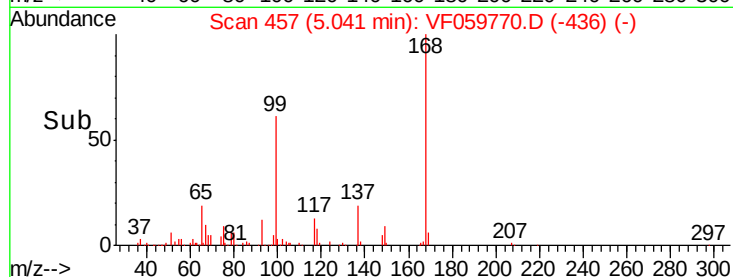
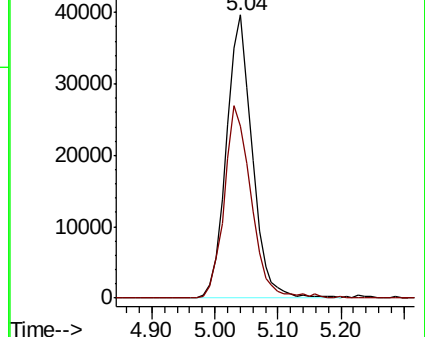
168 100

99 60.8 63.3 94.9#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 27.67 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059770.D

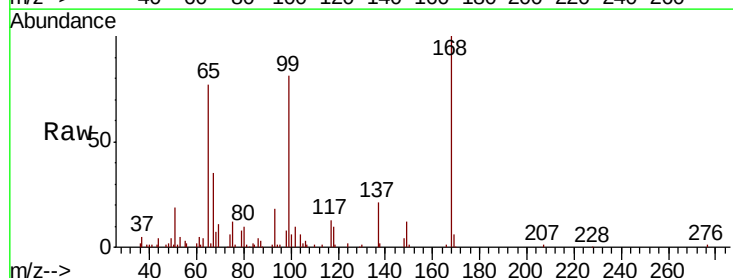
Acq: 1 Aug 2018 22:02

Tgt Ion: 65 Resp: 56084

Ion Ratio Lower Upper

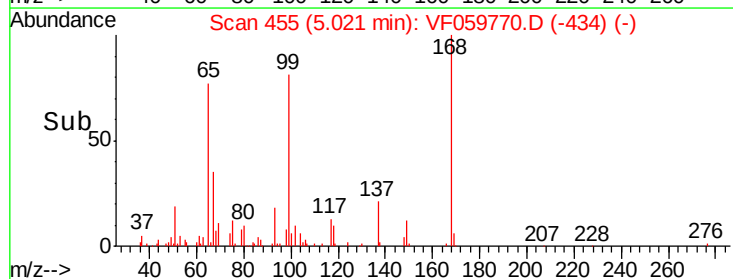
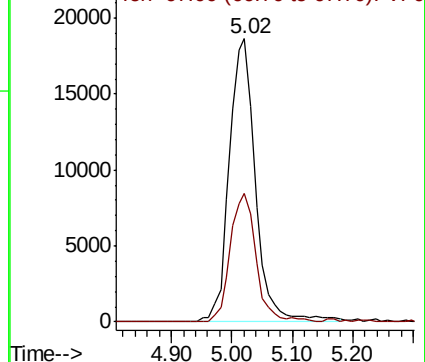
65 100

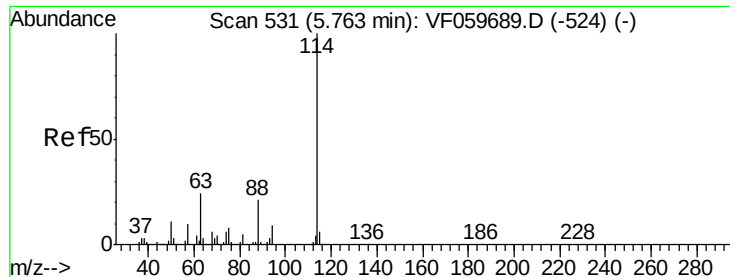
67 45.5 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

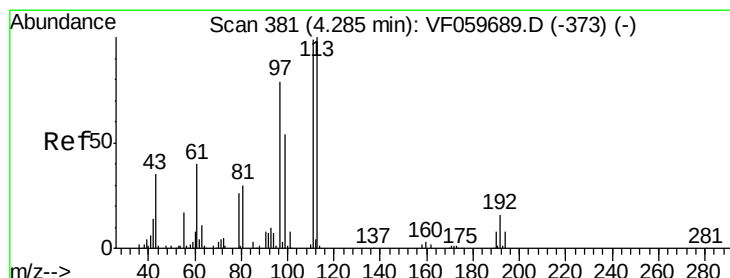
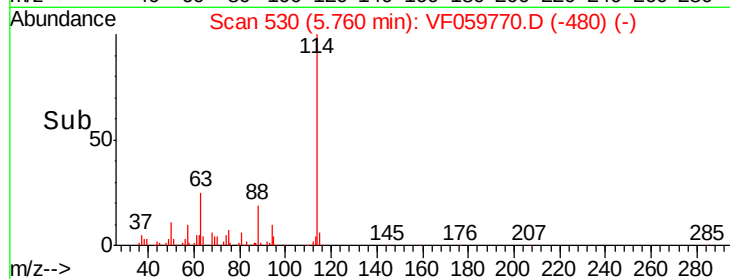
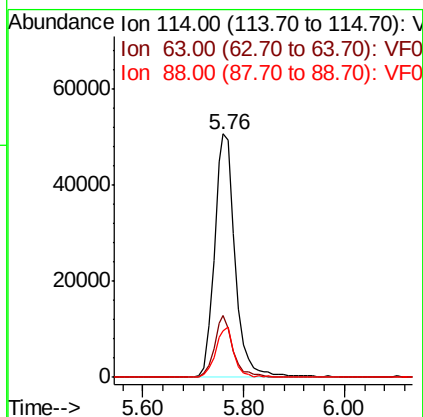
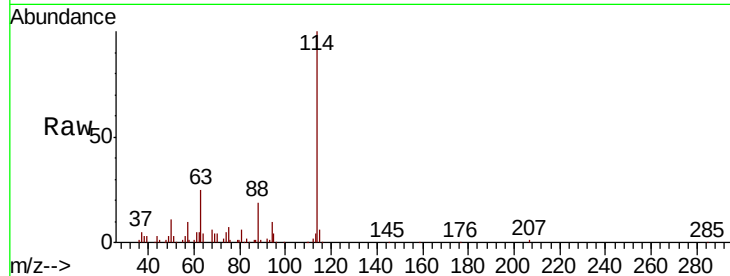




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VF059770.D
 Acq: 1 Aug 2018 22:02

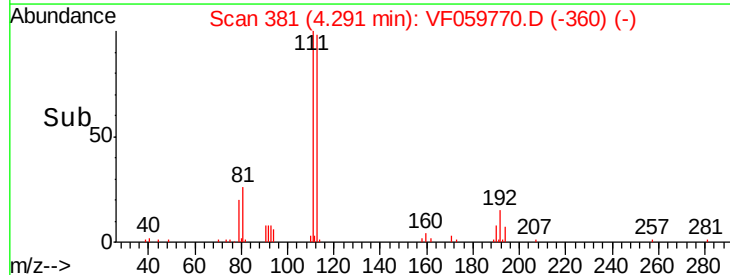
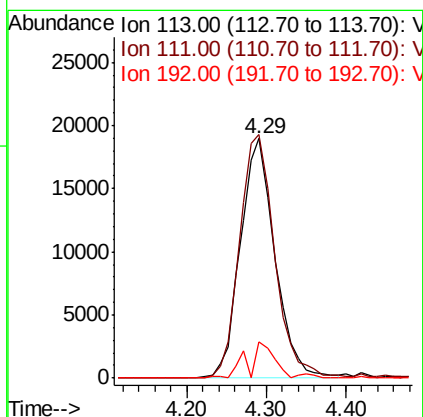
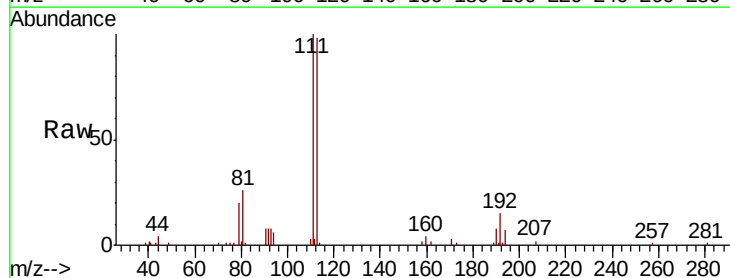
Instrument :
 MSVOA_F
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 FK-GF-02-023-BRE

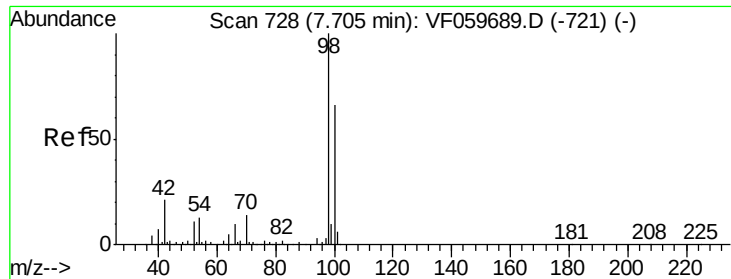
Tot Ion:114 Resp: 146414
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 47.4
 88 19.1 0.0 41.2



#35
 Dibromofluoromethane
 Concen: 37.46 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VF059770.D
 Acq: 1 Aug 2018 22:02

Tgt Ion:113 Resp: 56967
 Ion Ratio Lower Upper
 113 100
 111 100.6 79.0 118.4
 192 14.8 13.2 19.8

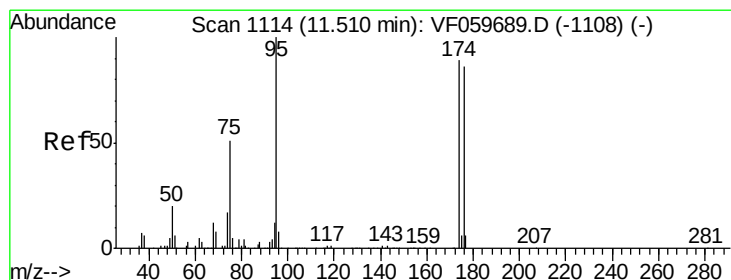
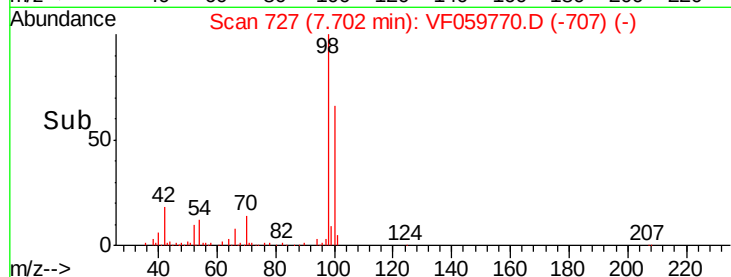
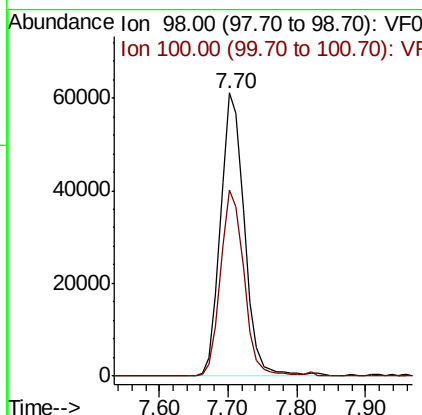
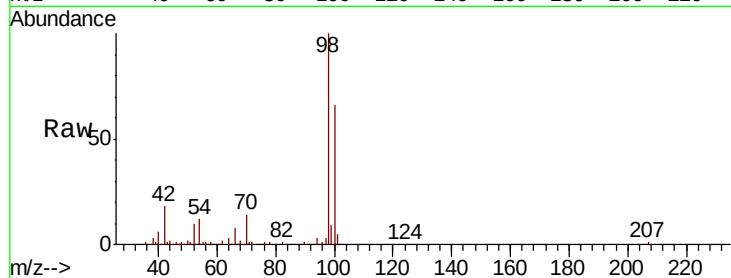




#50
Toluene-d8
Concen: 41.53 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059770.D
Acq: 1 Aug 2018 22:02

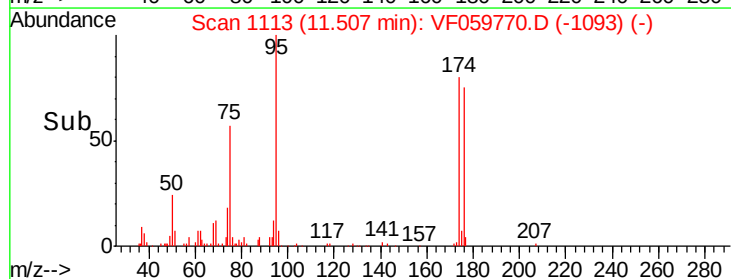
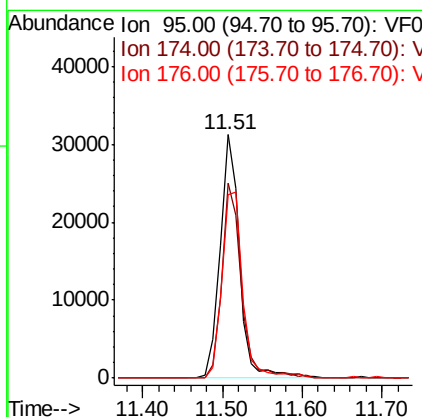
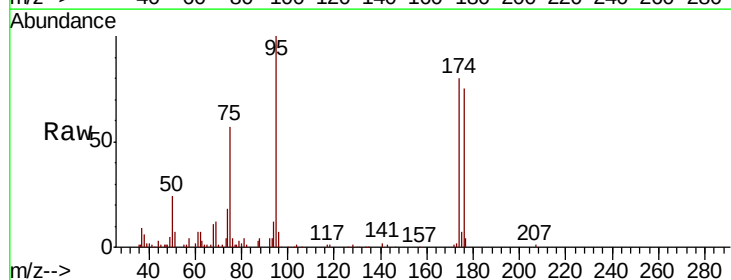
Instrument :
MSVOA_F
ClientSampleId :
FK-GF-02-023-BRE

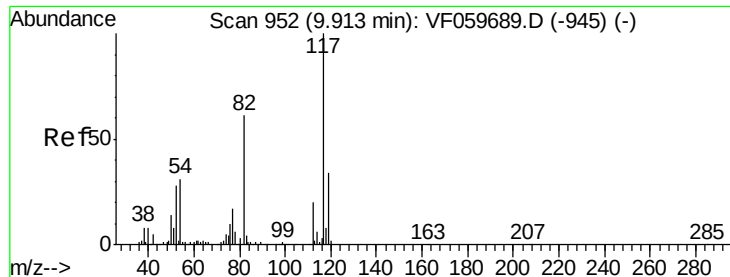
Tot Ion: 98 Resp: 147280
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 27.62 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059770.D
Acq: 1 Aug 2018 22:02

Tgt Ion: 95 Resp: 54219
Ion Ratio Lower Upper
95 100
174 80.1 0.0 178.4
176 75.3 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.00 min

Lab File: VF059770.D

Acq: 1 Aug 2018 22:02

Instrument :

MSVOA_F

ClientSampleId :

FK-GF-02-023-BRE

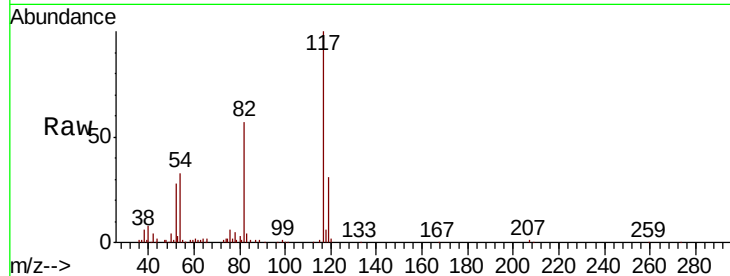
Tot Ion:117 Resp: 111962

Ion Ratio Lower Upper

117 100

82 57.0 49.0 73.4

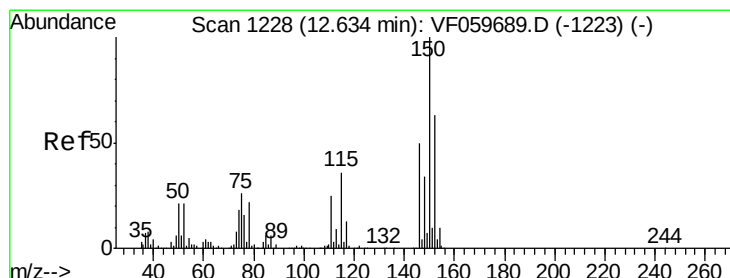
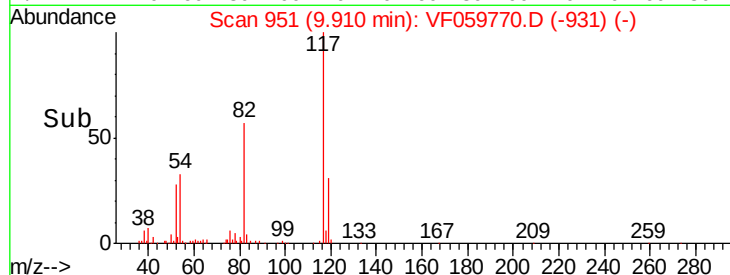
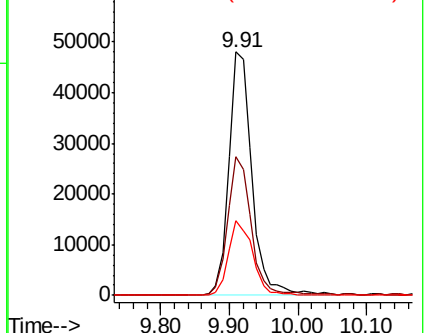
119 30.8 27.3 40.9



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: VF059770.D

Acq: 1 Aug 2018 22:02

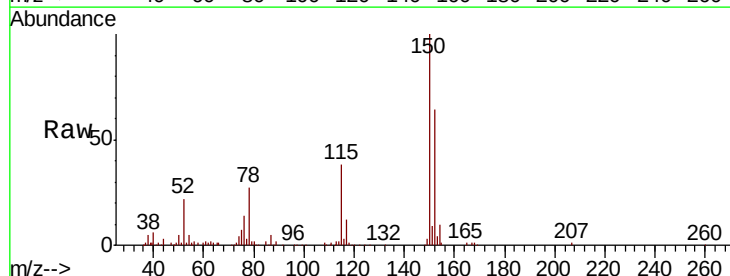
Tgt Ion:152 Resp: 54453

Ion Ratio Lower Upper

152 100

115 59.8 28.2 84.6

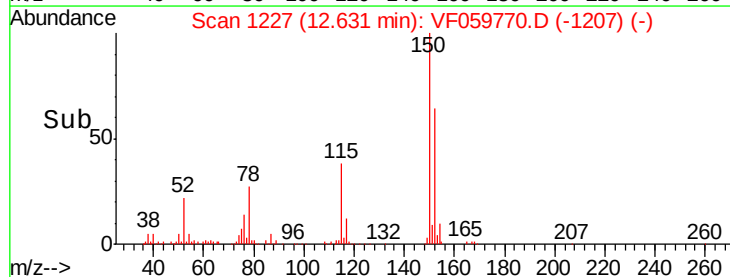
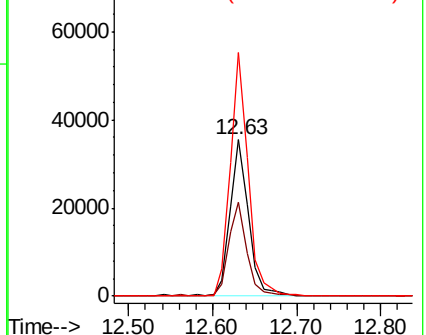
150 156.0 0.0 316.2

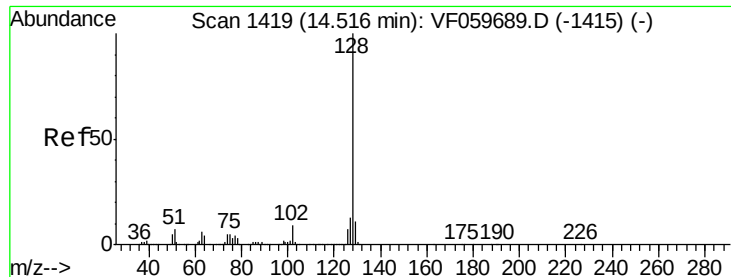


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#95

Naphthalene

Concen: 14.98 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.01 min

Lab File: VF059770.D

Acq: 1 Aug 2018 22:02

Instrument :

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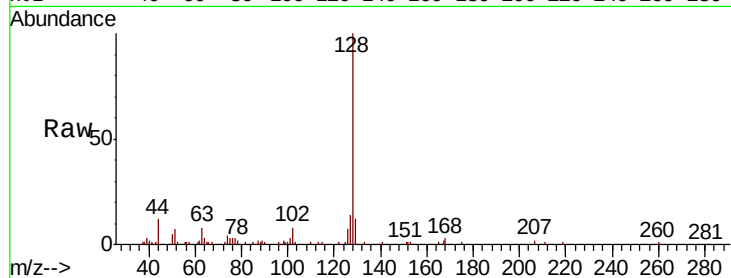
Tot Ion:128 Resp: 35176

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

129 11.7 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

