

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
 Data File : VF059372.D
 Acq On : 28 Jun 2018 20:39
 Operator : VA/AP
 Sample : J3746-04
 Misc : 9.93g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-01-009-B

Quant Time: Jun 29 05:44:27 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	5.04	168	242259	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	407824	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	368125	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	220391	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	150989	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
35) Dibromofluoromethane	4.29	113	150208	50.41	ug/l	0.01
Spiked Amount 50.000			Recovery	=	100.82%	
50) Toluene-d8	7.70	98	306929	41.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.20%	
62) 4-Bromofluorobenzene	11.51	95	191804	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	

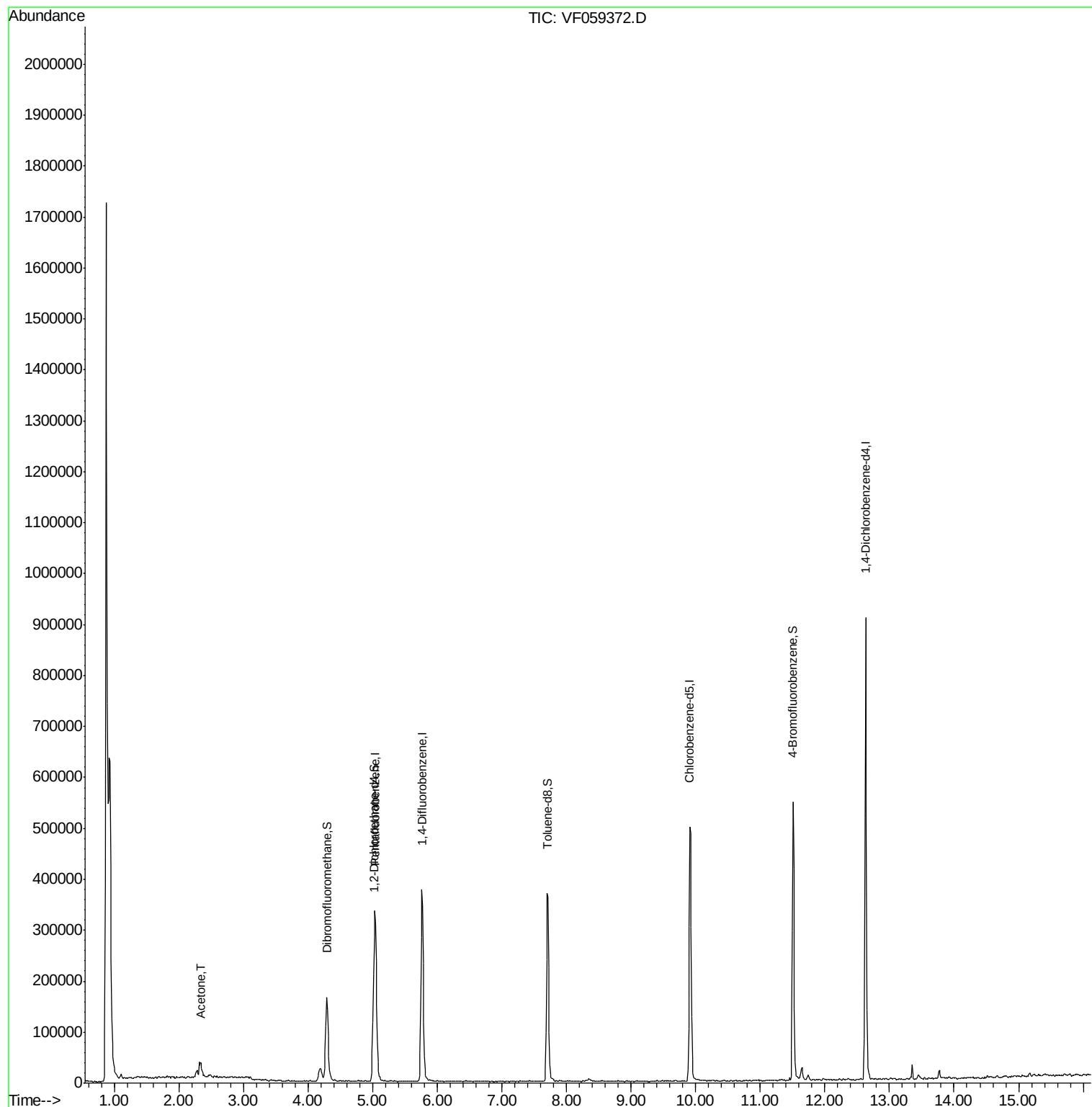
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	40963	44.00	ug/l	# 93

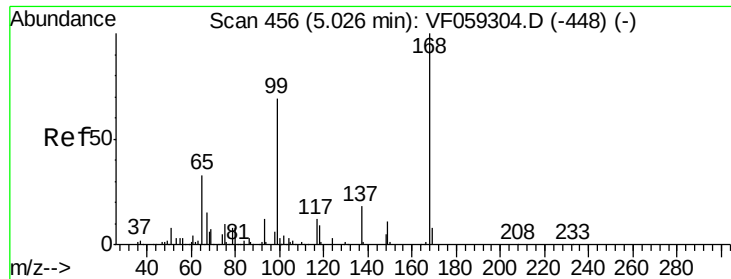
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059372.D

Acq: 28 Jun 2018 20:39

Instrument :

MSVOA_F

ClientSampleId :

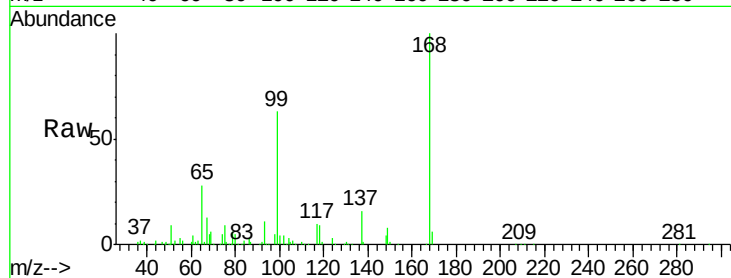
FK-GF-01-009-B

Tot Ion:168 Resp: 242259

Ion Ratio Lower Upper

168 100

99 63.5 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

60000

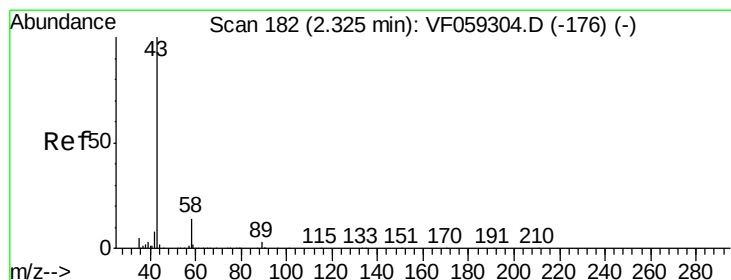
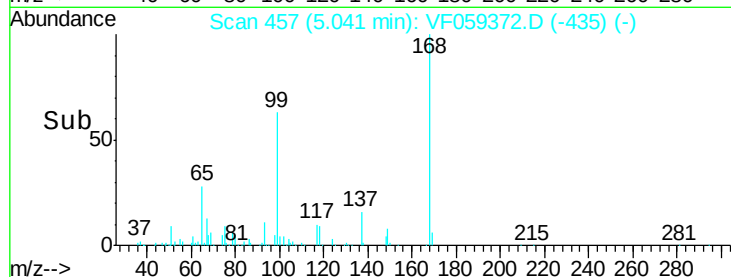
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 44.00 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059372.D

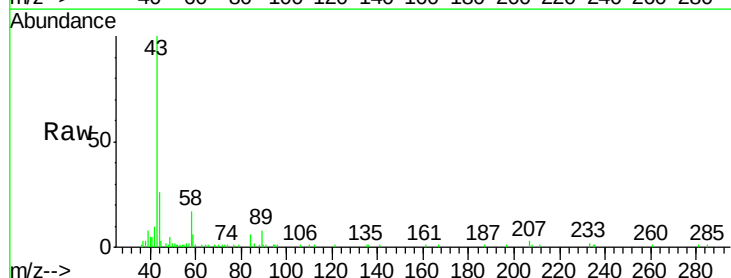
Acq: 28 Jun 2018 20:39

Tgt Ion: 43 Resp: 40963

Ion Ratio Lower Upper

43 100

58 17.0 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

15000

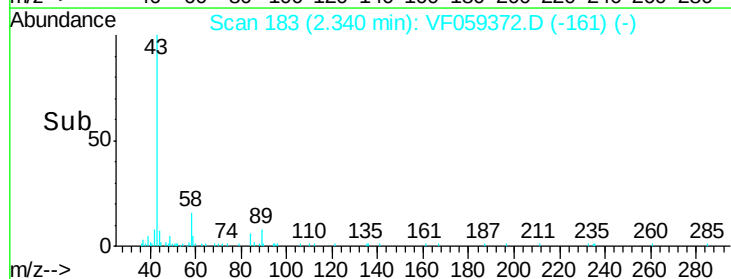
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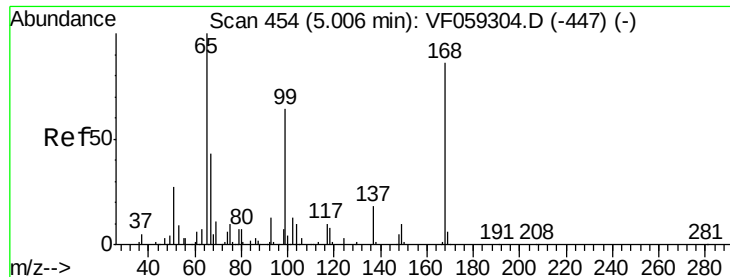
5000

0

Time-->

2.30 2.40

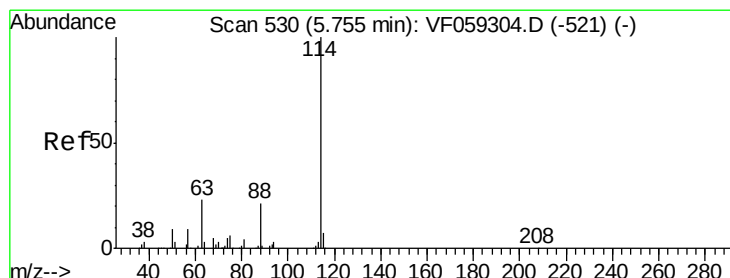
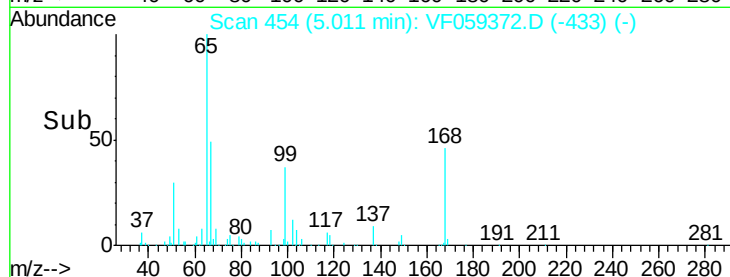
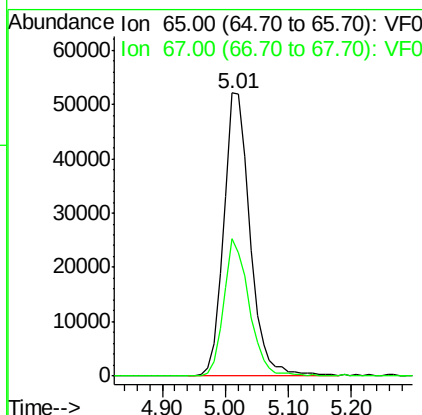
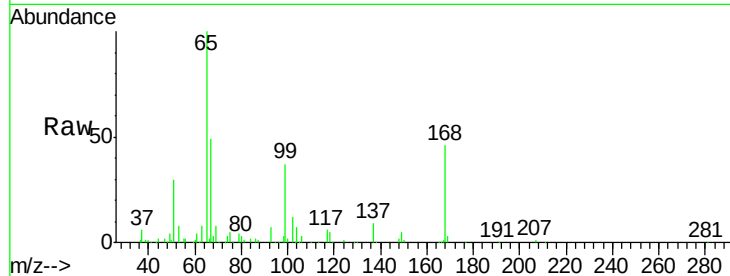




#33
 1,2-Dichloroethane-d4
 Concen: 48.24 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: VF059372.D
 Acq: 28 Jun 2018 20:39

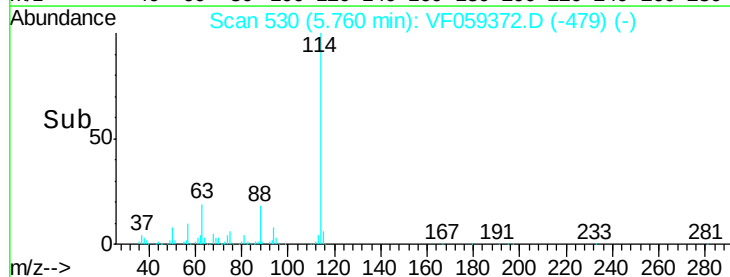
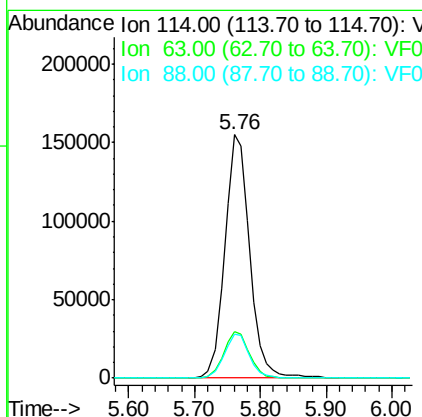
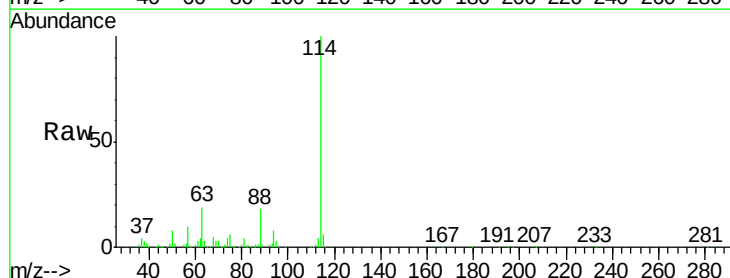
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-01-009-B

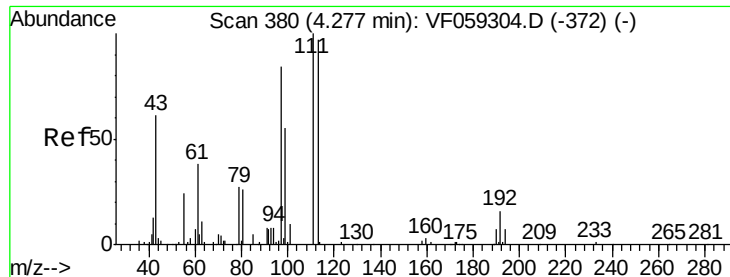
Tot Ion: 65 Resp: 150989
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 96.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VF059372.D
 Acq: 28 Jun 2018 20:39

Tgt Ion: 114 Resp: 407824
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 45.8
 88 17.8 0.0 41.2

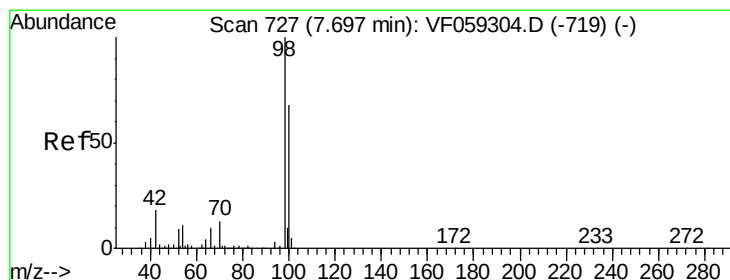
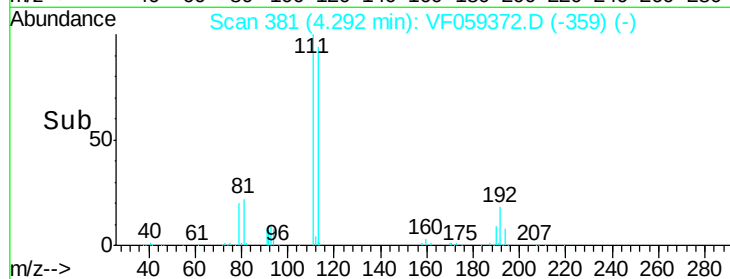
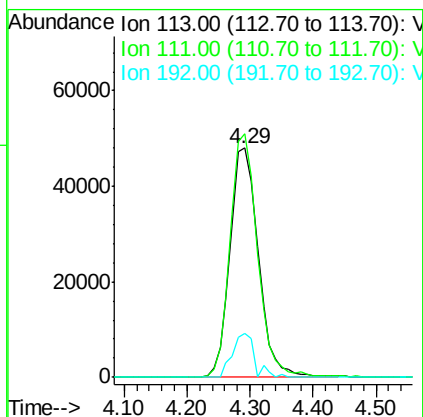
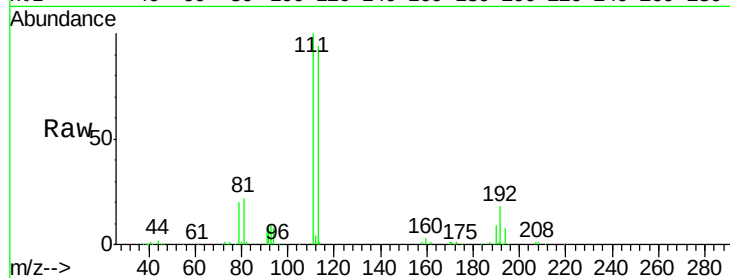




#35
 Dibromofluoromethane
 Concen: 50.41 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VF059372.D
 Acq: 28 Jun 2018 20:39

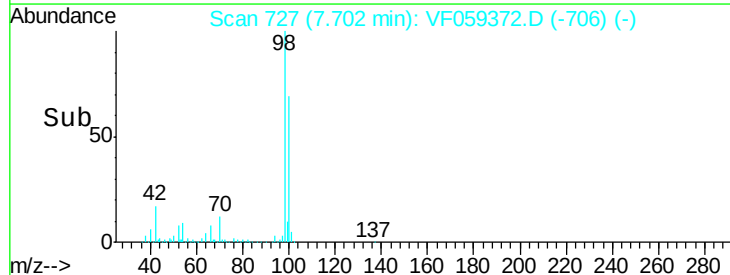
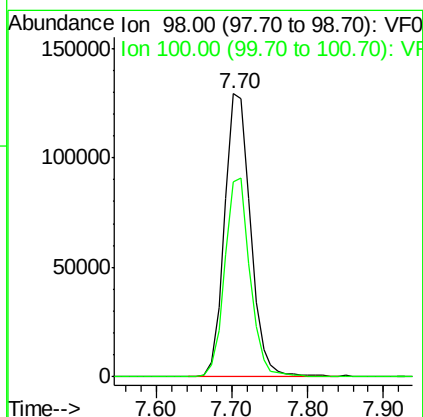
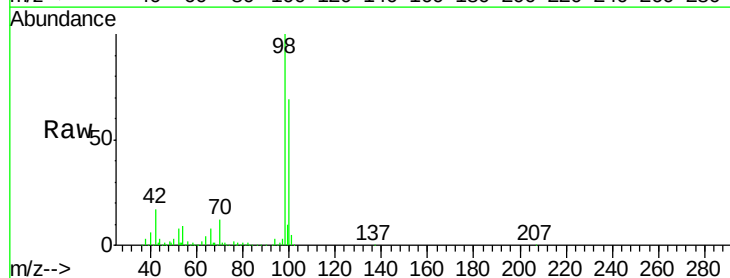
Instrument :
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 ClientSampleId :
 FK-GF-01-009-B

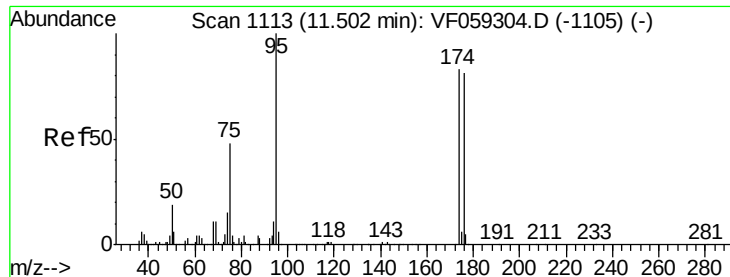
Tot Ion	Ratio	Lower	Upper
113	100		
111	106.2	82.1	123.1
192	19.0	13.0	19.6



#50
 Toluene-d8
 Concen: 41.60 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VF059372.D
 Acq: 28 Jun 2018 20:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.8	54.6	82.0

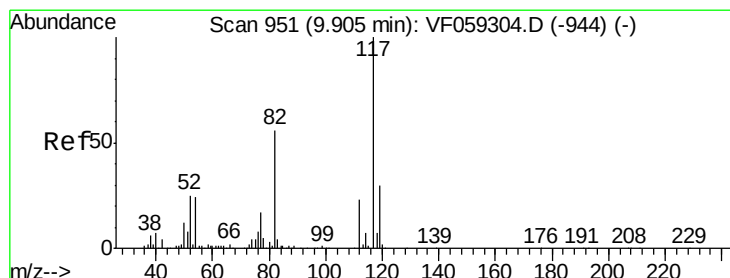
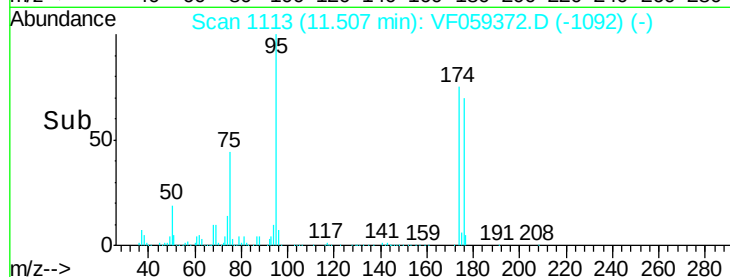
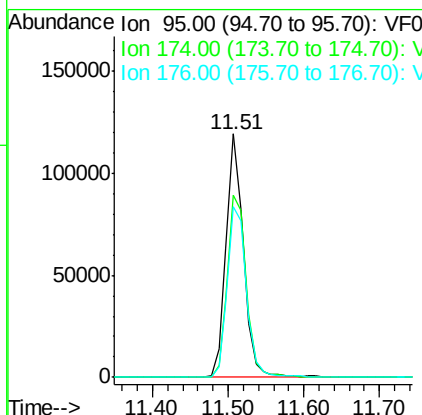
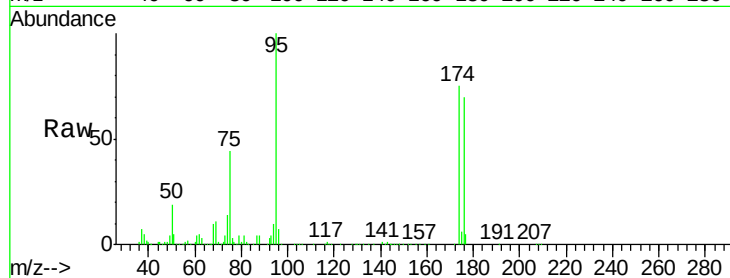




#62
4-Bromofluorobenzene
Concen: 46.09 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF059372.D
Acq: 28 Jun 2018 20:39

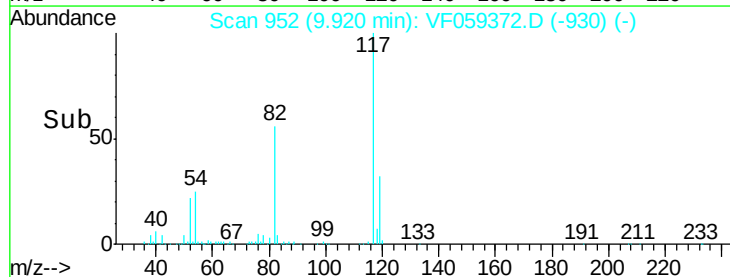
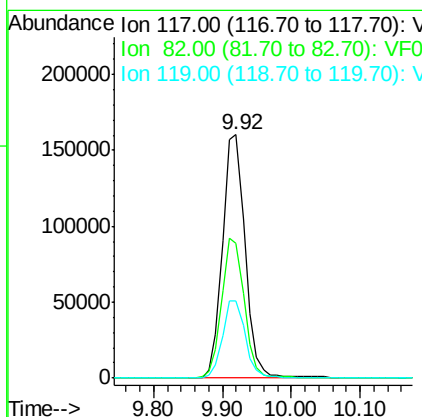
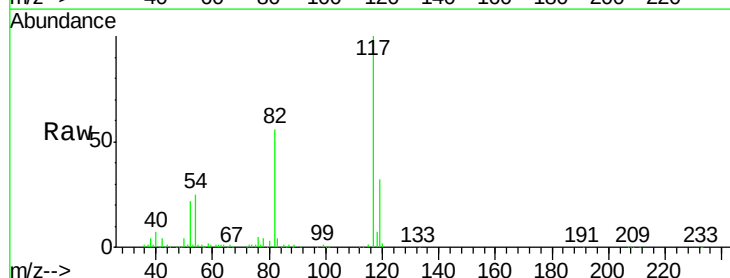
Instrument :
MSVOA_F
ClientSampleId :
FK-GF-01-009-B

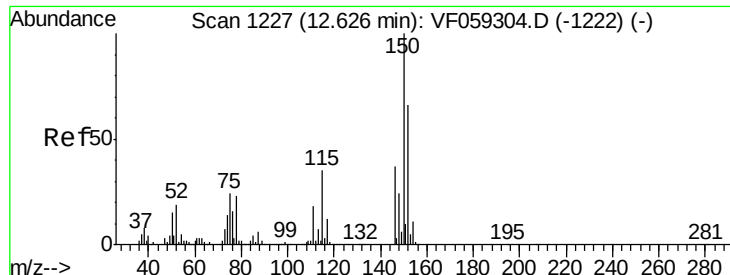
Tot Ion	95	Resp	191804
Ion Ratio	Lower	Upper	
95	100		
174	74.6	0.0	165.2
176	70.0	0.0	161.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059372.D
Acq: 28 Jun 2018 20:39

Tgt Ion	117	Resp	368125
Ion Ratio	Lower	Upper	
117	100		
82	55.6	44.6	66.8
119	31.8	24.1	36.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VF059372.D

Acq: 28 Jun 2018 20:39

Instrument :

MSVOA_F

ClientSampleId :

FK-GF-01-009-B

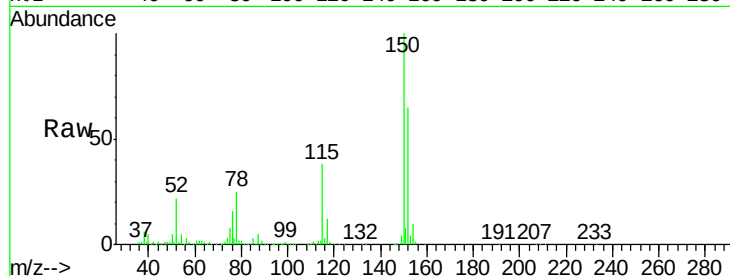
Tot Ion:152 Resp: 220391

Ion Ratio Lower Upper

152 100

115 59.0 27.1 81.3

150 153.2 0.0 305.2



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

