

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
 Data File : VF059432.D
 Acq On : 5 Jul 2018 14:21
 Operator : VA/AP
 Sample : J3840-08RE
 Misc : 6.90g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-6-DRE

Quant Time: Jul 06 11:30:50 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

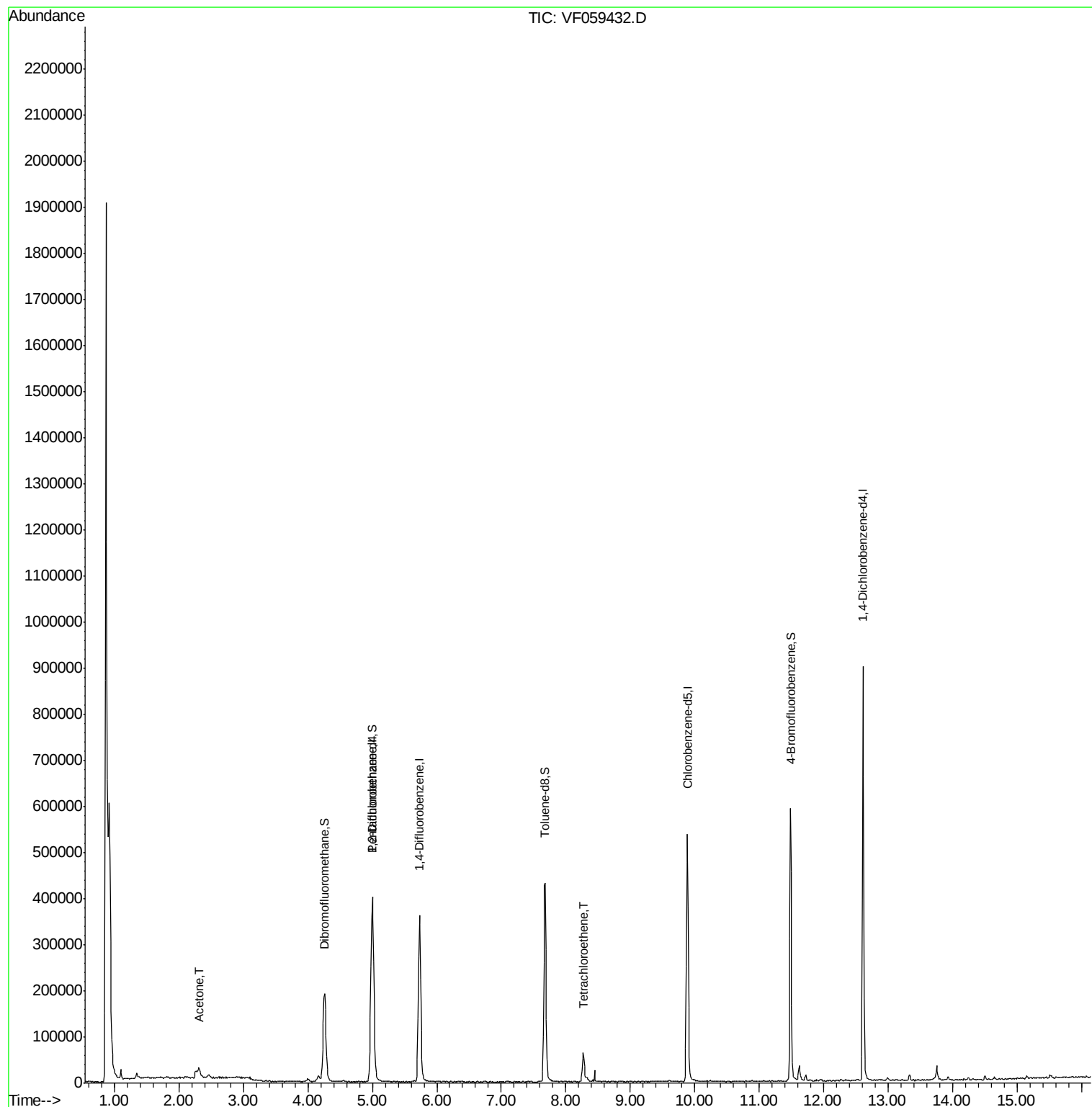
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	254914	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.73	114	367736	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	371409	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	218522	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	194081	58.93	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	117.86%	
35) Dibromofluoromethane	4.26	113	171183	63.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	127.42%	
50) Toluene-d8	7.68	98	356613	53.61	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.22%	
62) 4-Bromofluorobenzene	11.49	95	197229	52.56	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.12%	
Target Compounds						
16) Acetone	2.32	43	18104	12.313	ug/l	98
64) Tetrachloroethene	8.27	164	18404	7.640	ug/l	93

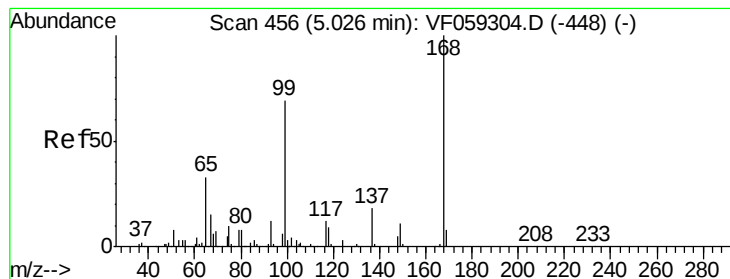
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

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Acq: 5 Jul 2018 14:21

Instrument :

MSVOA_F

ClientSampleId :

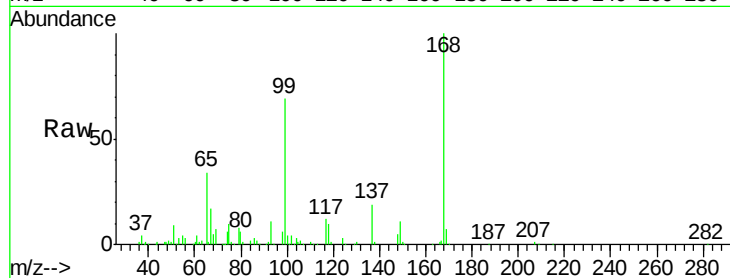
TP-6-DRE

Tot Ion:168 Resp: 254914

Ion Ratio Lower Upper

168 100

99 69.0 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.01

80000

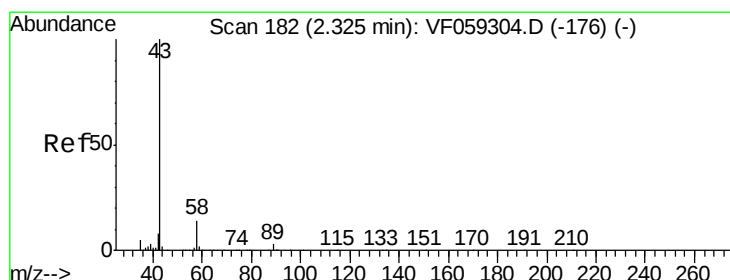
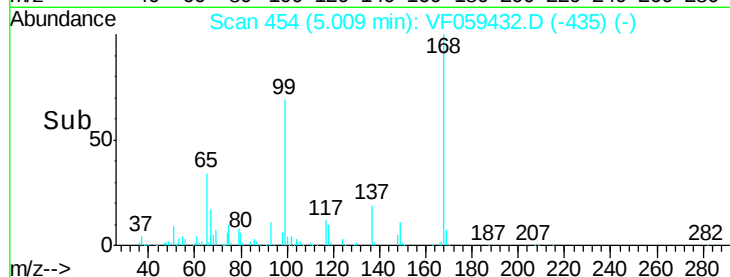
60000

40000

20000

0

Time--> 4.80 4.90 5.00 5.10 5.20



#16

Acetone

Concen: 12.313 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.01 min

Lab File: VF059432.D

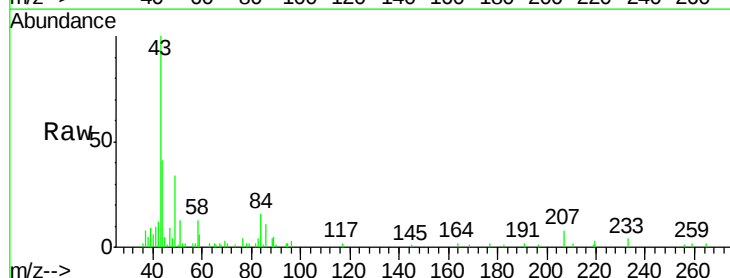
Acq: 5 Jul 2018 14:21

Tgt Ion: 43 Resp: 18104

Ion Ratio Lower Upper

43 100

58 13.4 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

8000

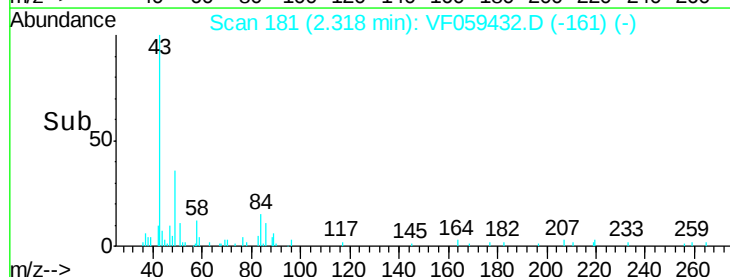
6000

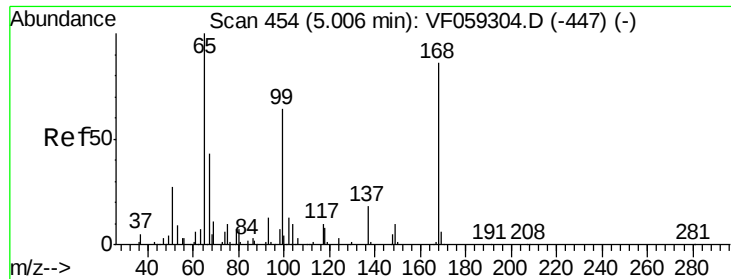
4000

2000

0

Time--> 2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 58.929 ug/l

RT: 4.99 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059432.D

Acq: 5 Jul 2018 14:21

Instrument :

MSVOA_F

ClientSampleId :

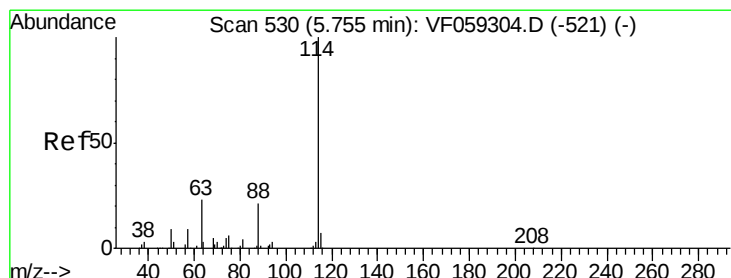
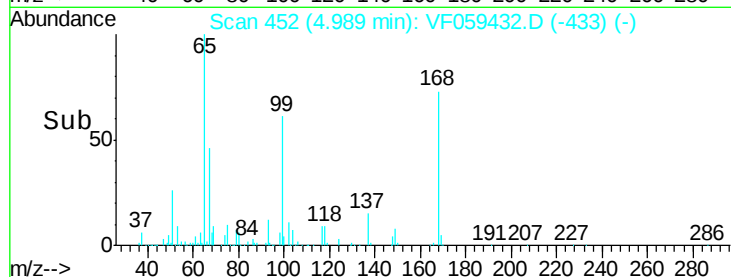
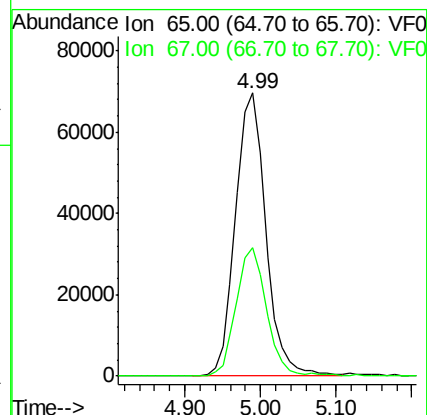
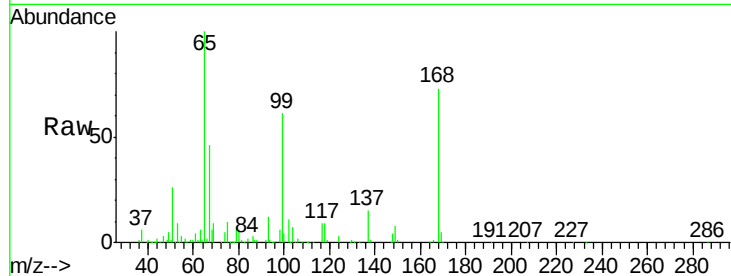
TP-6-DRE

Tot Ion: 65 Resp: 194081

Ion Ratio Lower Upper

65 100

67 45.5 0.0 96.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.73 min Scan# 527

Delta R.T. -0.03 min

Lab File: VF059432.D

Acq: 5 Jul 2018 14:21

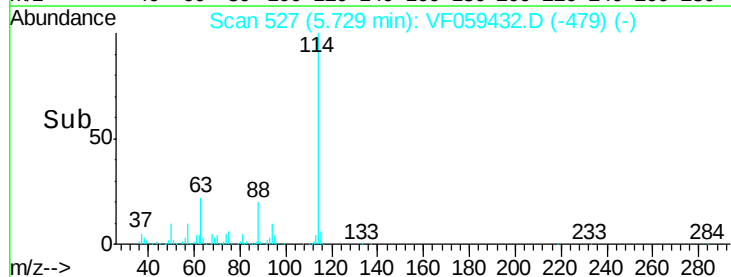
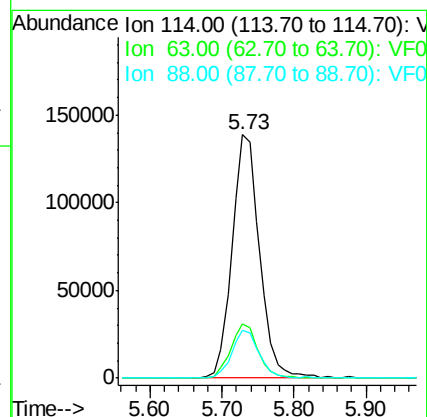
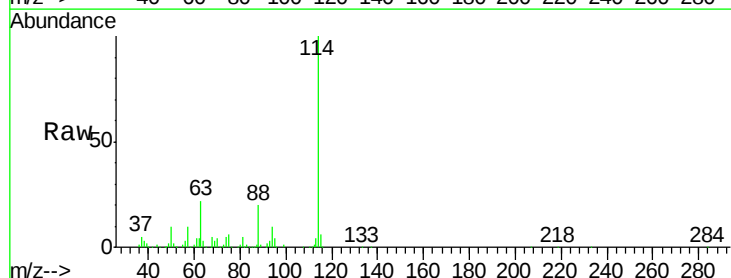
Tgt Ion: 114 Resp: 367736

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.8

88 19.8 0.0 41.2

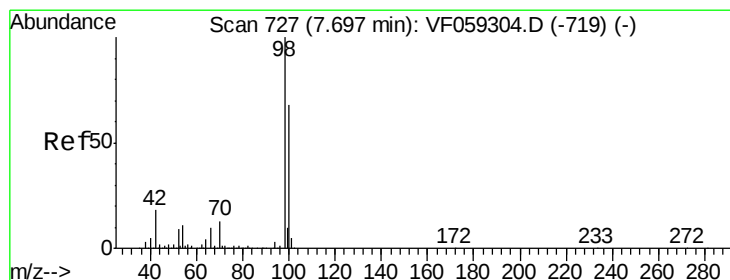
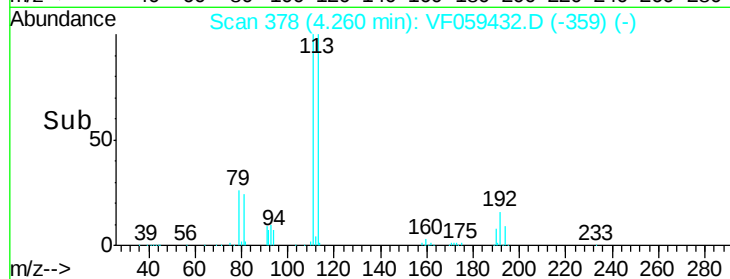
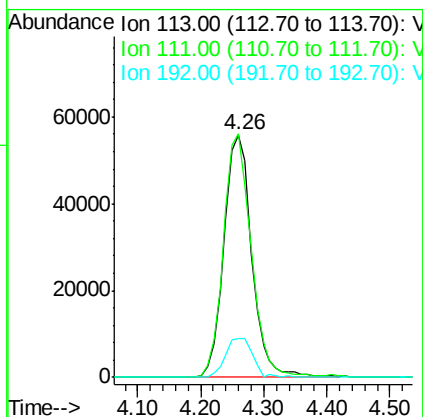
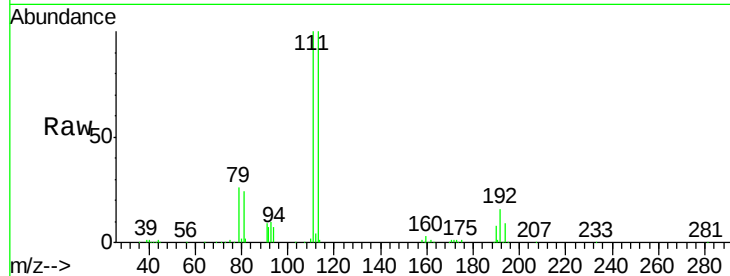




#35
Dibromofluoromethane
Concen: 63.710 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059432.D
Acq: 5 Jul 2018 14:21

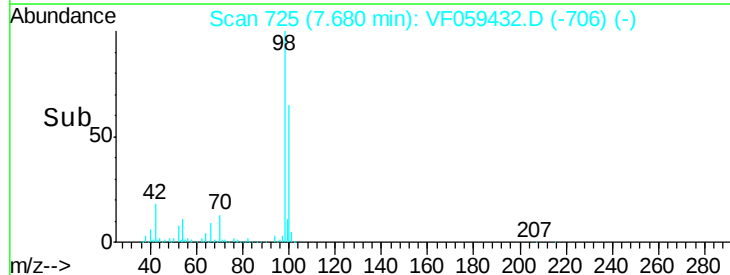
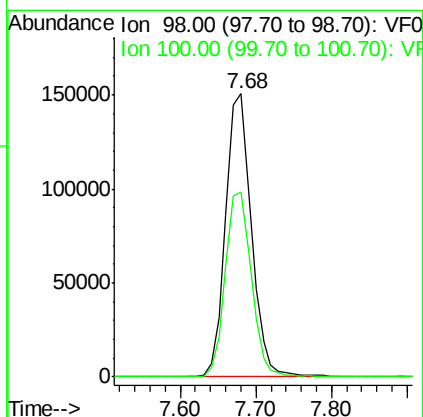
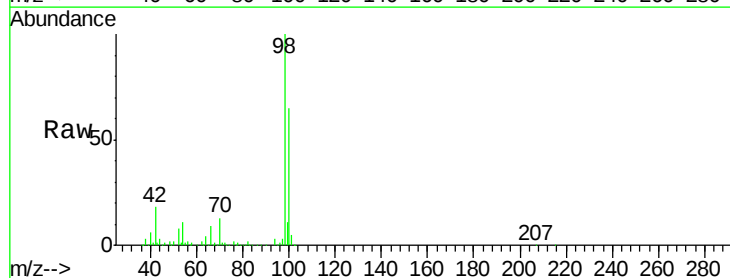
Instrument :
MSVOA_F
ClientSampleId :
TP-6-DRE

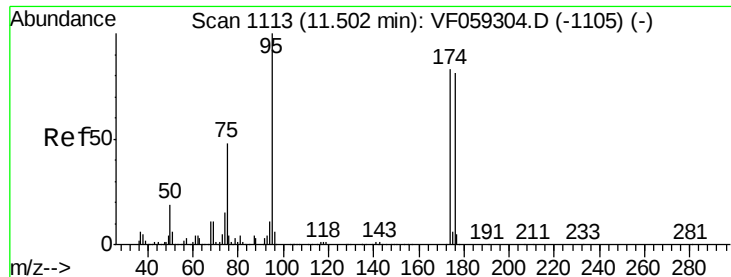
Tot Ion:113 Resp: 171183
Ion Ratio Lower Upper
113 100
111 100.3 82.1 123.1
192 16.2 13.0 19.6



#50
Toluene-d8
Concen: 53.605 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059432.D
Acq: 5 Jul 2018 14:21

Tgt Ion: 98 Resp: 356613
Ion Ratio Lower Upper
98 100
100 65.5 54.6 82.0

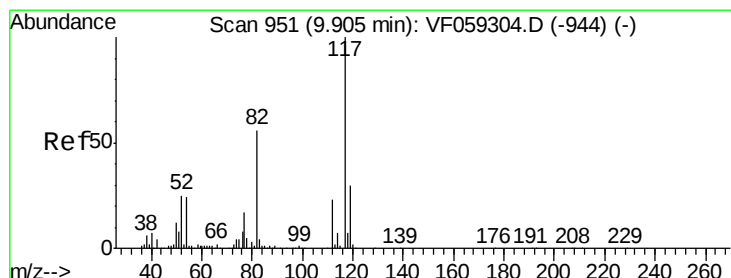
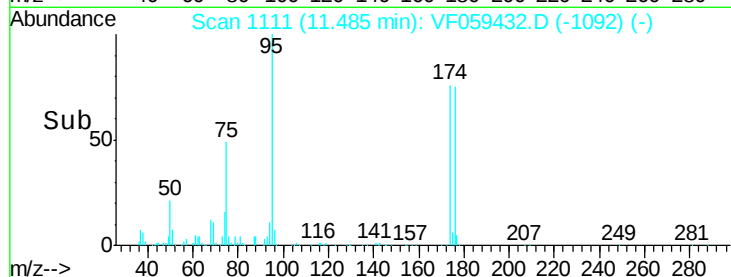
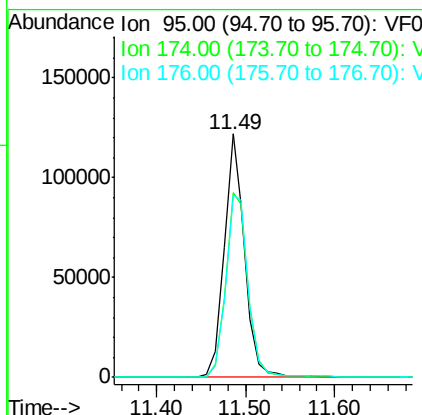
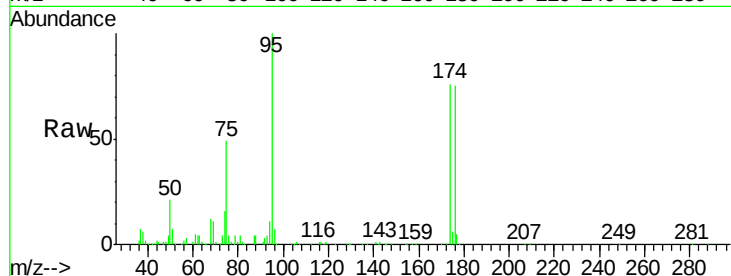




#62
4-Bromofluorobenzene
Concen: 52.557 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF059432.D
Acq: 5 Jul 2018 14:21

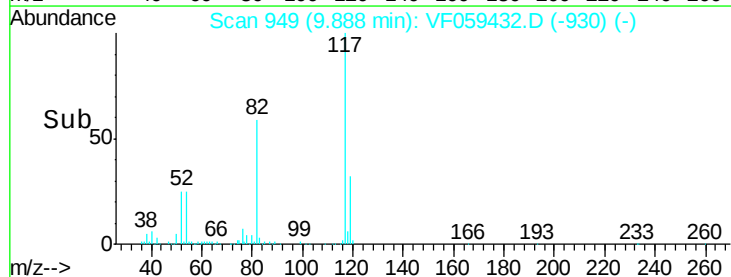
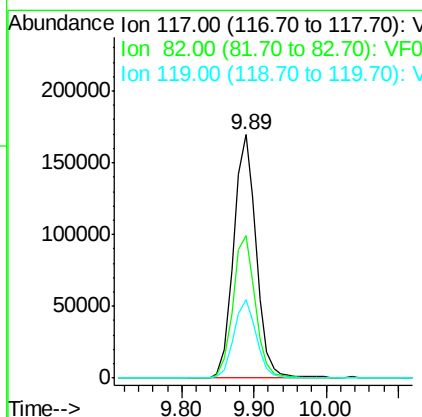
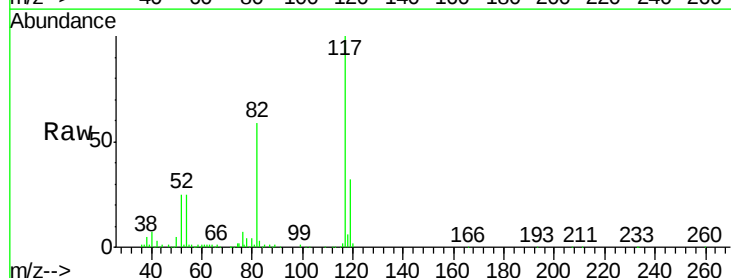
Instrument :
MSVOA_F
ClientSampleId :
TP-6-DRE

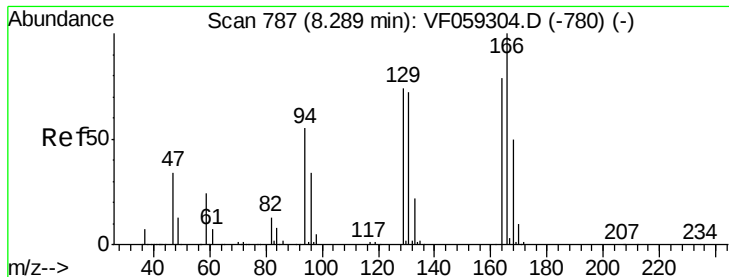
Tot Ion: 95 Resp: 197229
Ion Ratio Lower Upper
95 100
174 76.1 0.0 165.2
176 74.8 0.0 161.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059432.D
Acq: 5 Jul 2018 14:21

Tgt Ion: 117 Resp: 371409
Ion Ratio Lower Upper
117 100
82 58.7 44.6 66.8
119 32.0 24.1 36.1





#64

Tetrachloroethene

Concen: 7.640 ug/l

RT: 8.27 min Scan# 785

Delta R.T. -0.02 min

Lab File: VF059432.D

Acq: 5 Jul 2018 14:21

Instrument :
MSVOA_F
ClientSampleId :
TP-6-DRE

Tot Ion:164 Resp: 18404

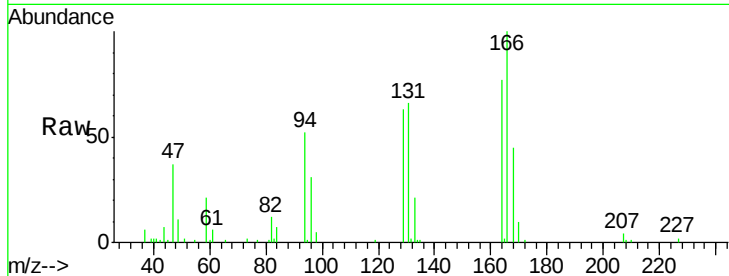
Ion Ratio Lower Upper

164 100

166 130.0 101.1 151.7

129 82.2 75.0 112.4

131 86.2 73.3 109.9

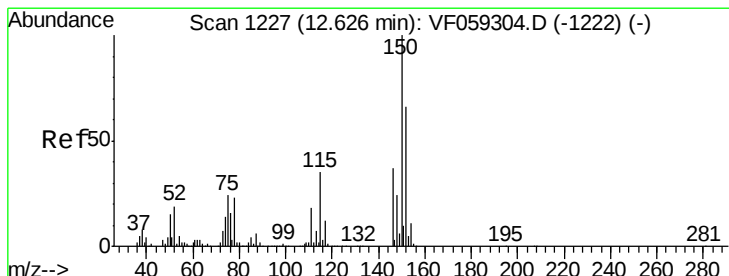
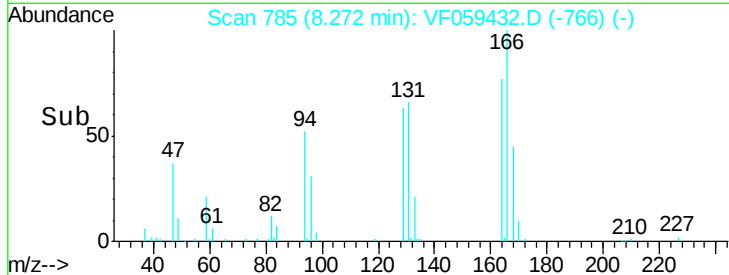
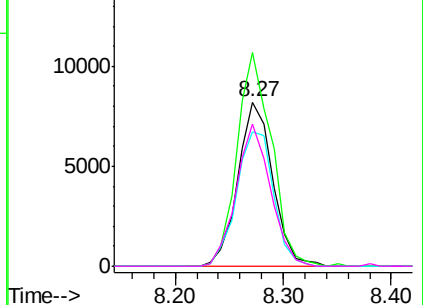


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VF059432.D

Acq: 5 Jul 2018 14:21

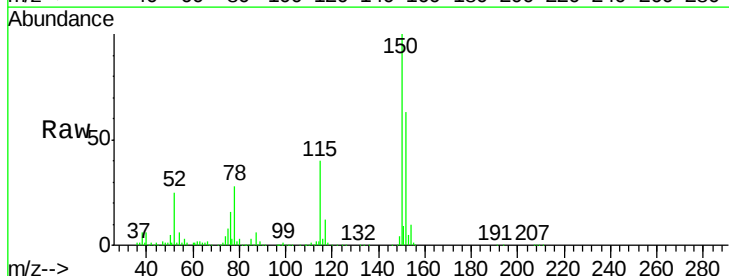
Tgt Ion:152 Resp: 218522

Ion Ratio Lower Upper

152 100

115 64.4 27.1 81.3

150 160.0 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

