

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062218\
 Data File : VF059283.D
 Acq On : 22 Jun 2018 19:37
 Operator : VA/AP
 Sample : J3602-02
 Misc : 4.62g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(5-10)

Quant Time: Jun 23 04:51:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 Response via : Initial Calibration

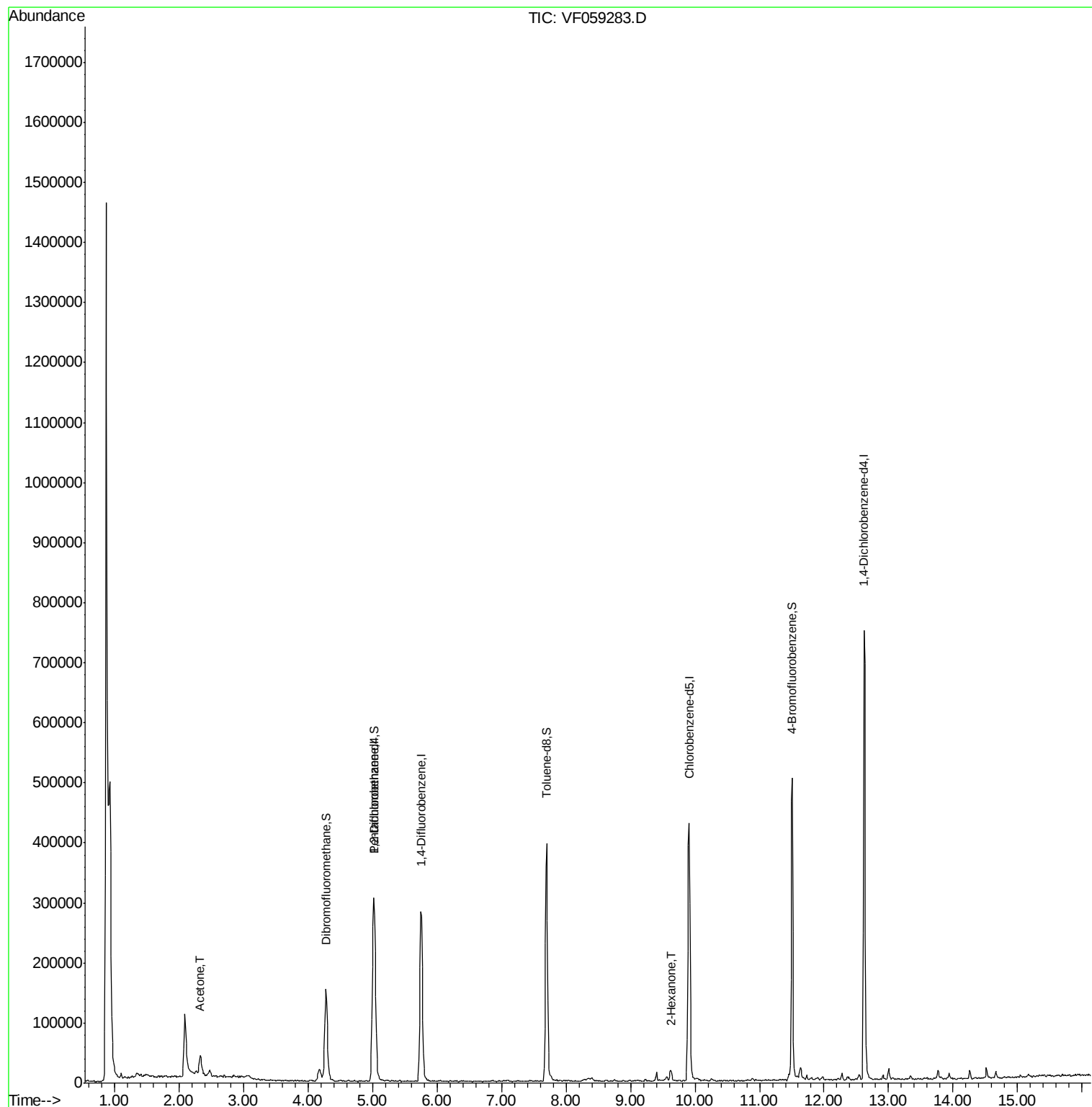
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	198353	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	299127	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	301984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	201083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	153567	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
35) Dibromofluoromethane	4.28	113	140081	55.66	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.32%	
50) Toluene-d8	7.70	98	327743	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.51	95	189617	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
Target Compounds						
16) Acetone	2.33	43	56968	84.66	ug/l	93
59) 2-Hexanone	9.62	43	15034	10.80	ug/l	87

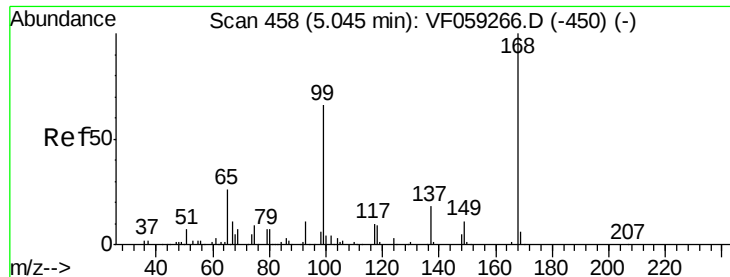
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF059283.D

Acq: 22 Jun 2018 19:37

Instrument :

MSVOA_F

ClientSampleId :

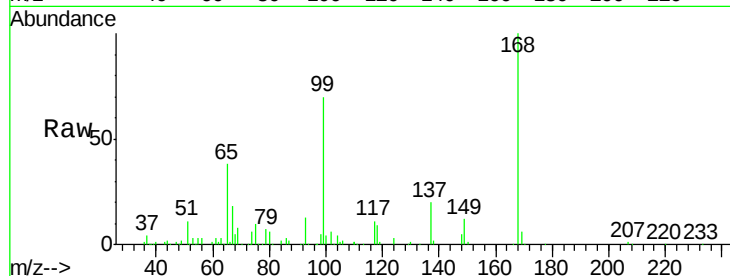
EPE-F-8(5-10)

Tot Ion:168 Resp: 198353

Ion Ratio Lower Upper

168 100

99 70.4 52.6 78.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

60000

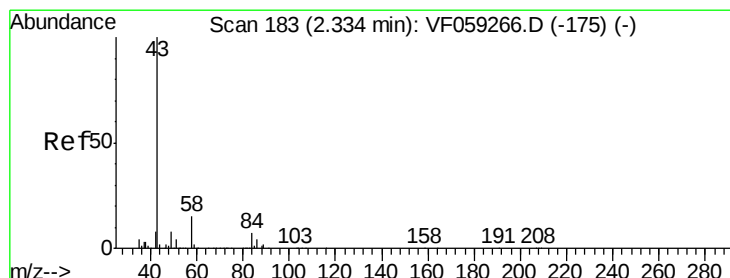
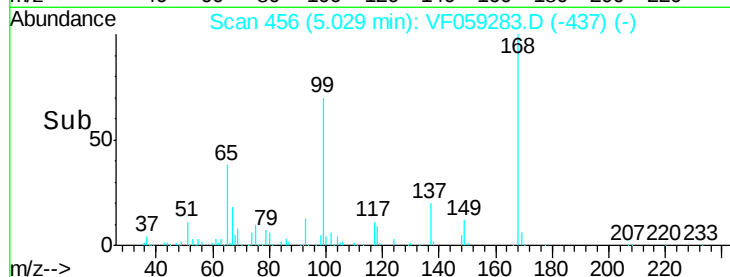
40000

20000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#16

Acetone

Concen: 84.66 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF059283.D

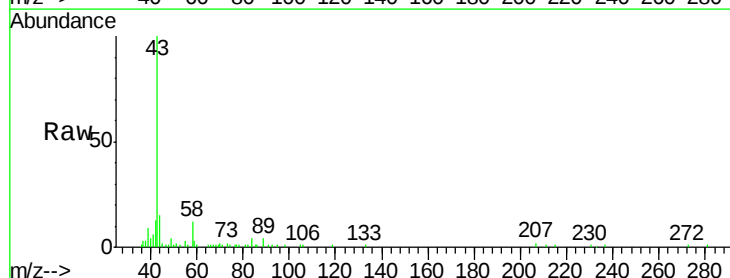
Acq: 22 Jun 2018 19:37

Tgt Ion: 43 Resp: 56968

Ion Ratio Lower Upper

43 100

58 12.2 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

20000

15000

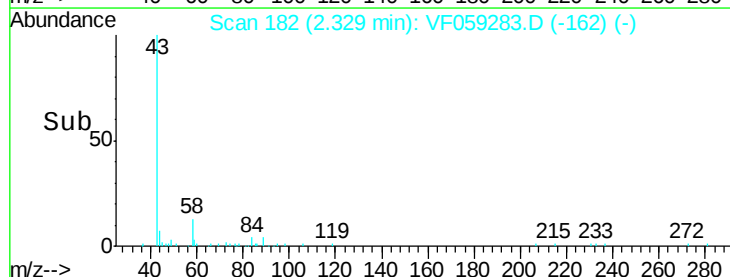
10000

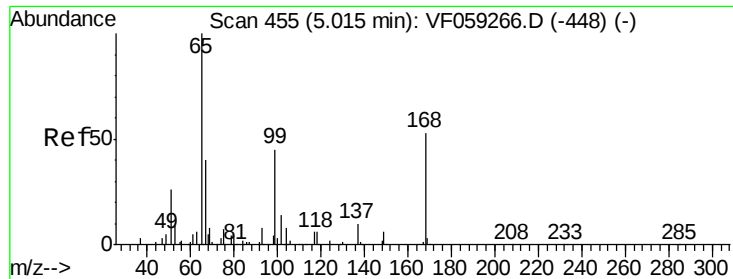
5000

0

Time-->

2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 53.94 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059283.D

Acq: 22 Jun 2018 19:37

Instrument :

MSVOA_F

ClientSampleId :

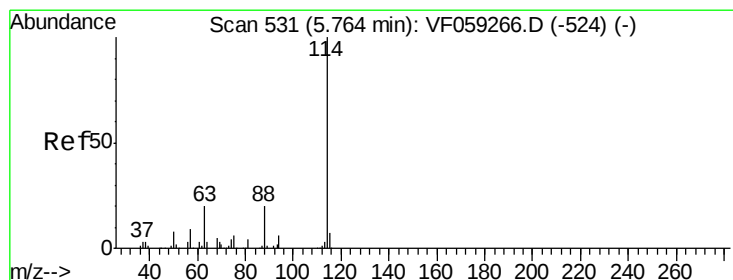
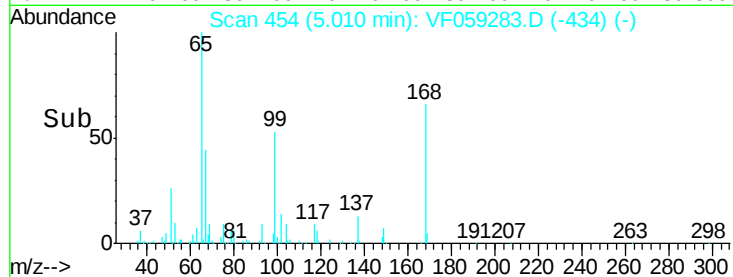
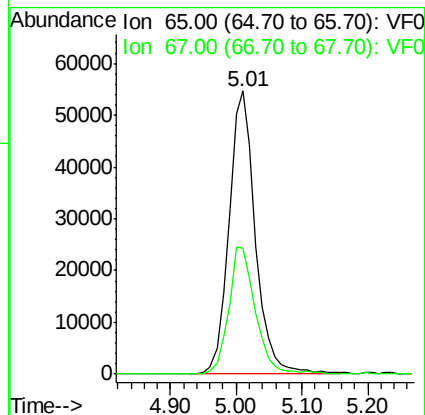
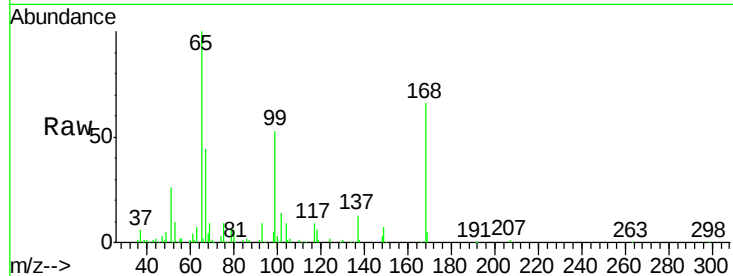
EPE-F-8(5-10)

Tot Ion: 65 Resp: 153567

Ion Ratio Lower Upper

65 100

67 44.4 0.0 95.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059283.D

Acq: 22 Jun 2018 19:37

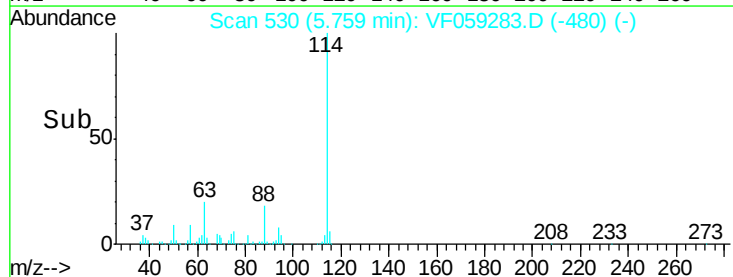
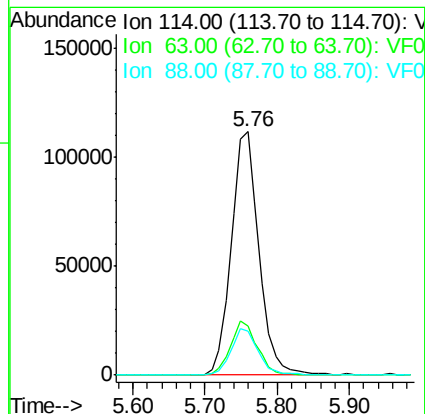
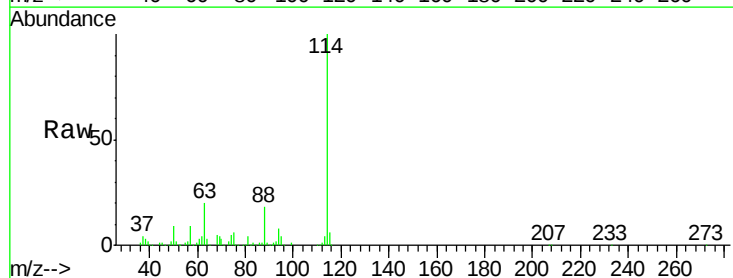
Tgt Ion: 114 Resp: 299127

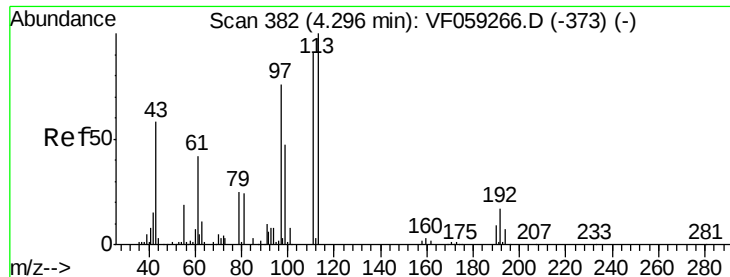
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.0

88 18.3 0.0 39.6





#35

Dibromofluoromethane

Concen: 55.66 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF059283.D

Acq: 22 Jun 2018 19:37

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(5-10)

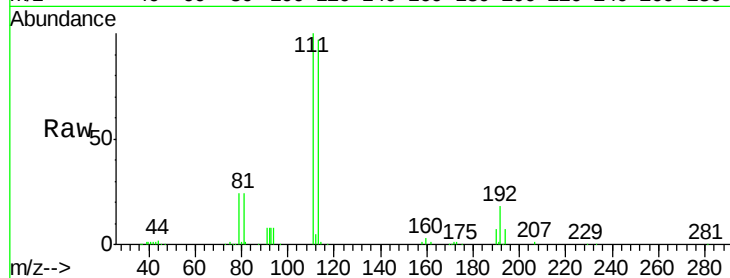
Tot Ion:113 Resp: 140081

Ion Ratio Lower Upper

113 100

111 103.2 73.1 109.7

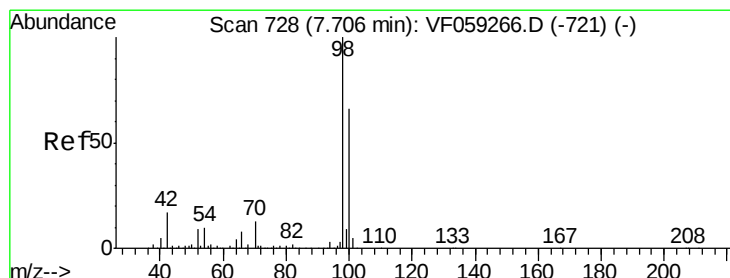
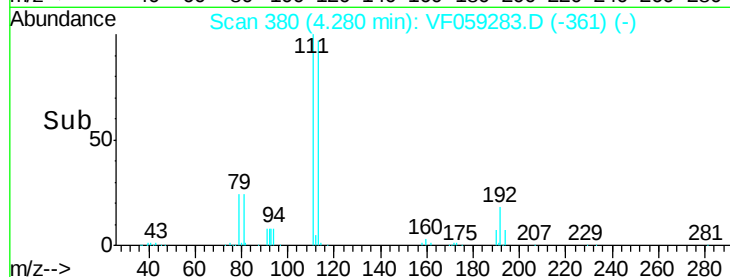
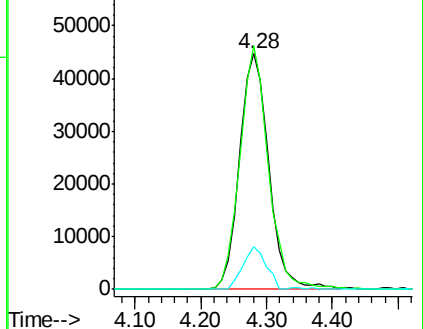
192 18.3 13.9 20.9



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 51.20 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF059283.D

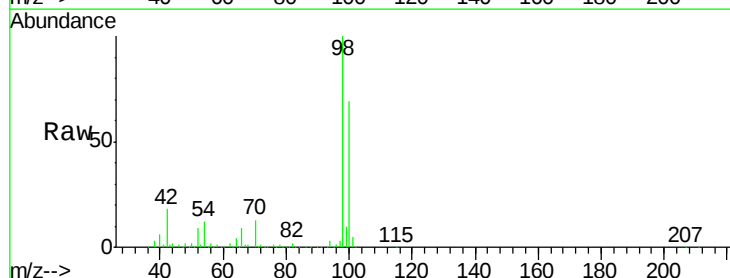
Acq: 22 Jun 2018 19:37

Tgt Ion: 98 Resp: 327743

Ion Ratio Lower Upper

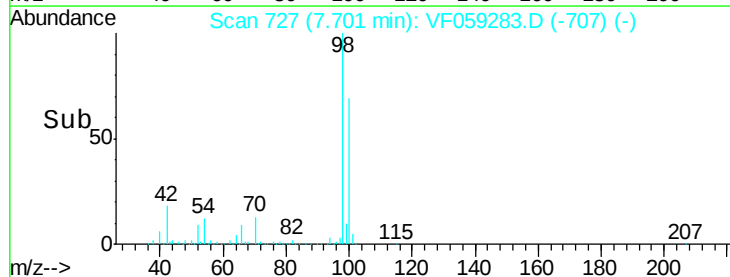
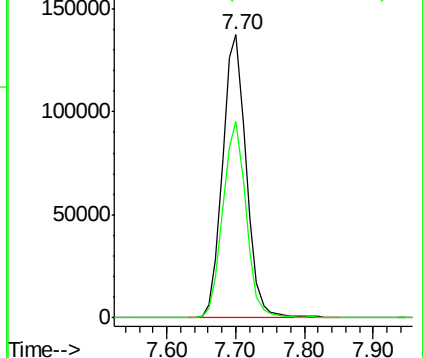
98 100

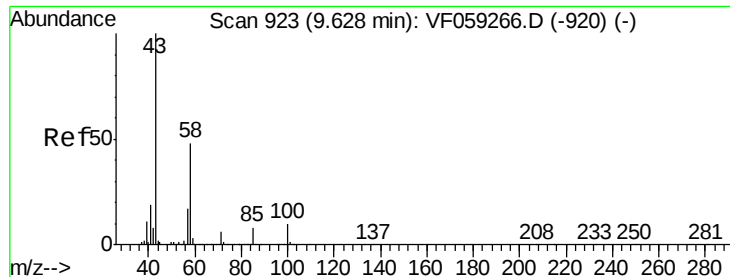
100 69.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

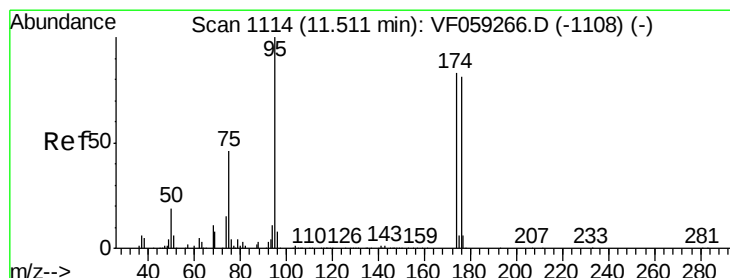
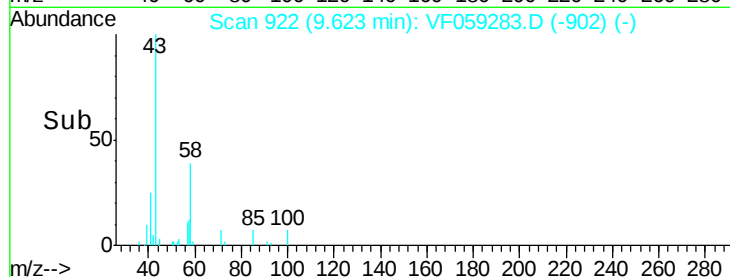
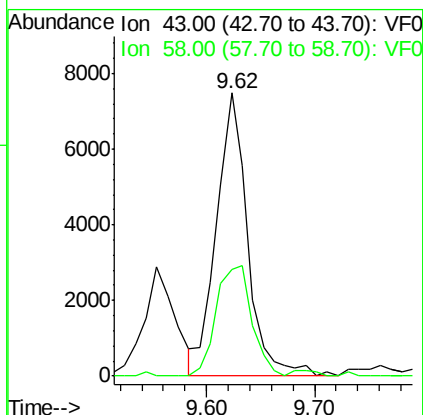
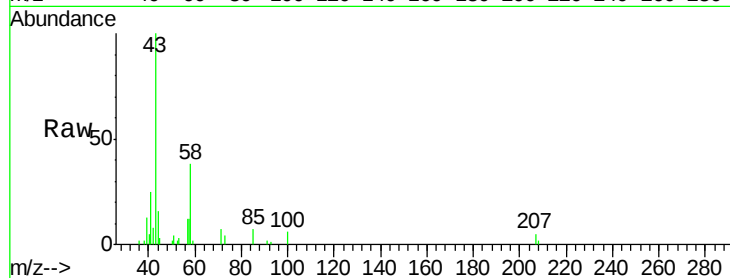




#59
2-Hexanone
Concen: 10.80 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

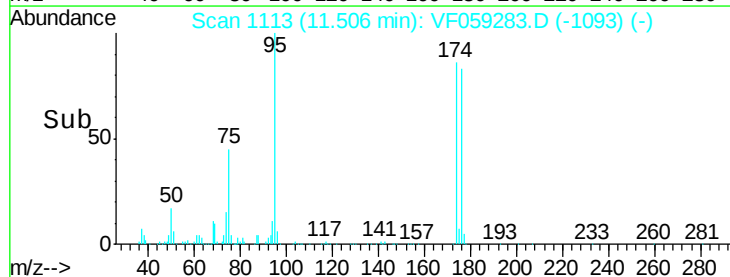
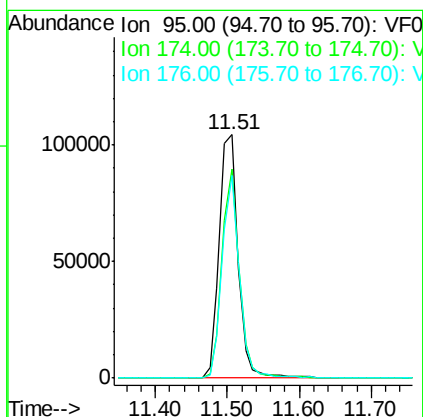
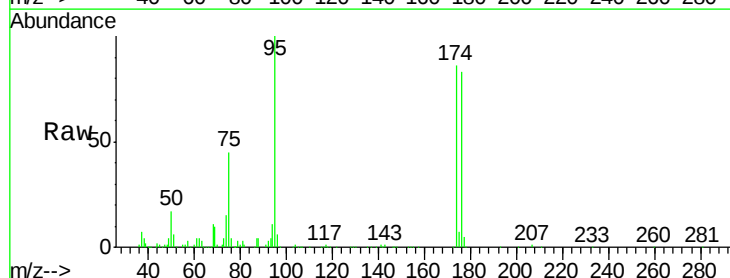
Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

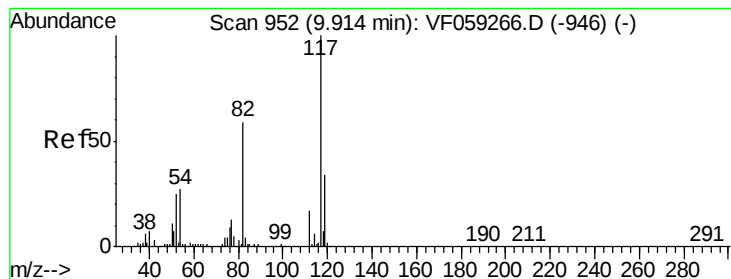
Tot Ion: 43 Resp: 15034
Ion Ratio Lower Upper
43 100
58 37.6 23.3 69.9



#62
4-Bromofluorobenzene
Concen: 53.42 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Tgt Ion: 95 Resp: 189617
Ion Ratio Lower Upper
95 100
174 85.7 0.0 166.2
176 83.1 0.0 162.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.01 min

Lab File: VF059283.D

Acq: 22 Jun 2018 19:37

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(5-10)

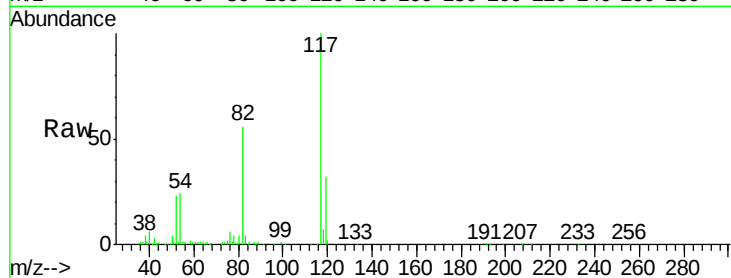
Tot Ion:117 Resp: 301984

Ion Ratio Lower Upper

117 100

82 56.2 47.1 70.7

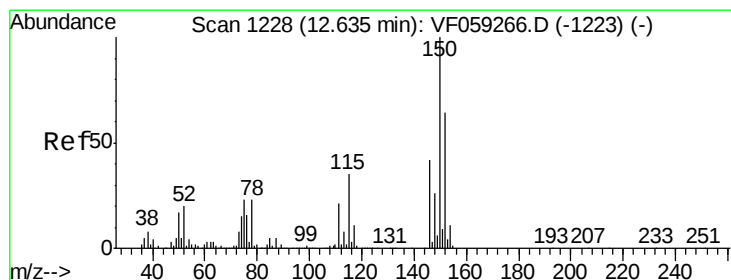
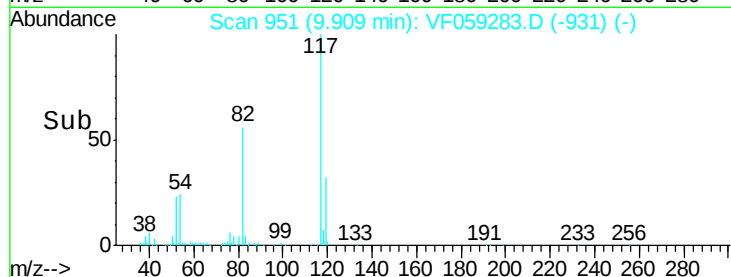
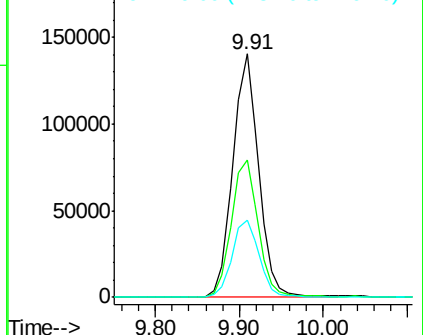
119 32.0 26.9 40.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

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. -0.01 min

Lab File: VF059283.D

Acq: 22 Jun 2018 19:37

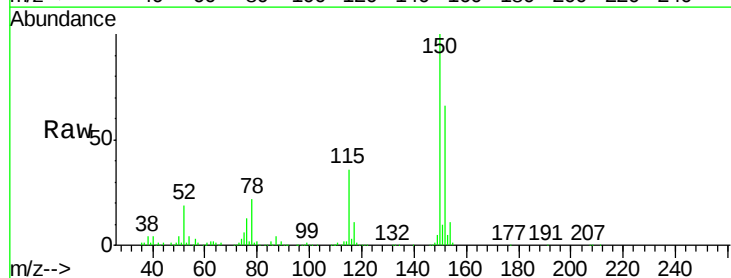
Tgt Ion:152 Resp: 201083

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.3

150 151.3 0.0 313.8



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

