

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059338.D
 Acq On : 27 Jun 2018 14:50
 Operator : VA/AP
 Sample : J3665-03
 Misc : 5.45G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-105-4(110-112)

Quant Time: Jun 28 01:52:38 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	5.03	168	244170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	374409	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	372310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	253920	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	137854	43.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.40%	
35) Dibromofluoromethane	4.28	113	126854	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
50) Toluene-d8	7.70	98	290554	42.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.80%	
62) 4-Bromofluorobenzene	11.50	95	176245	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	

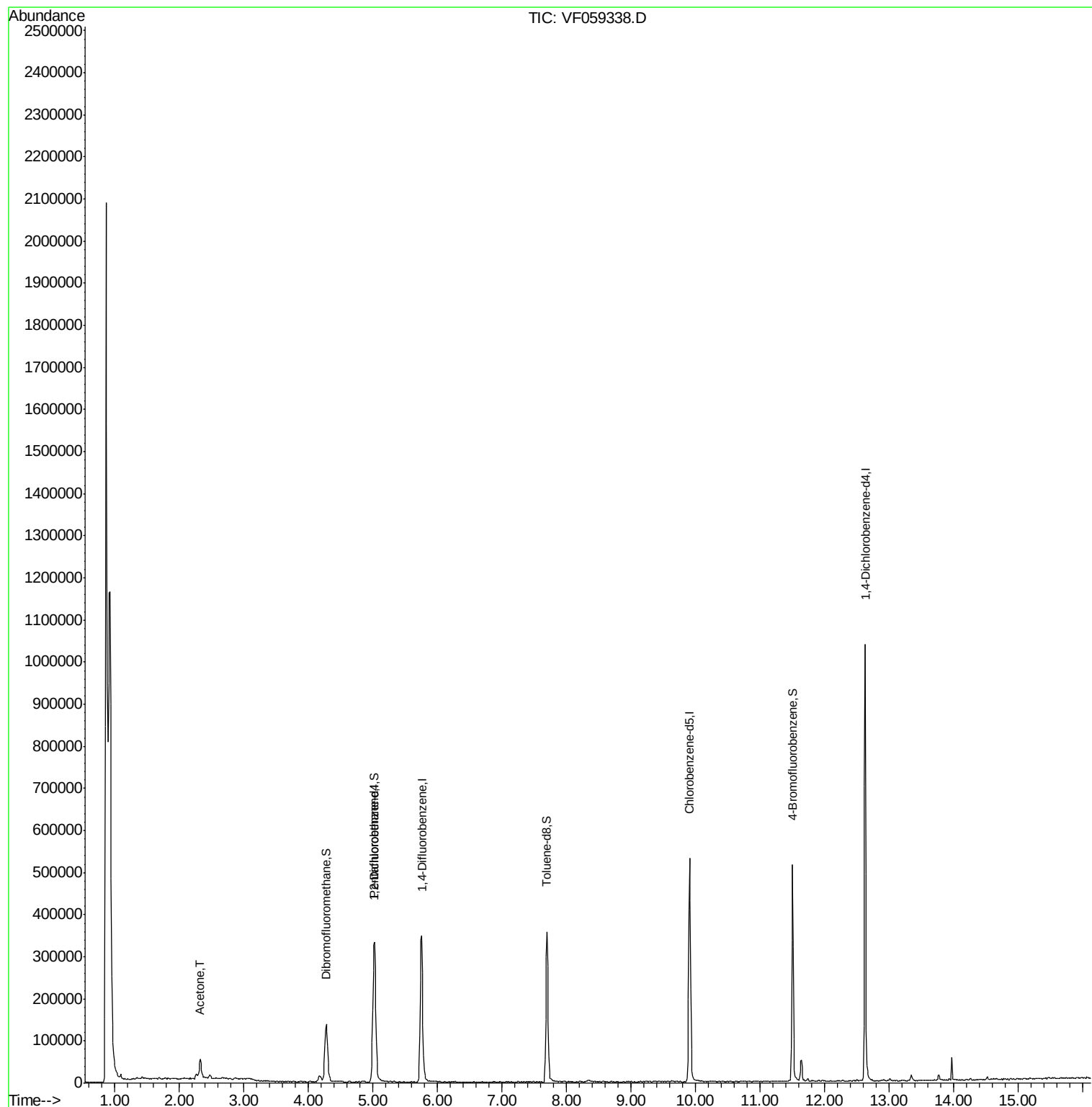
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	66960	77.97	ug/l	95

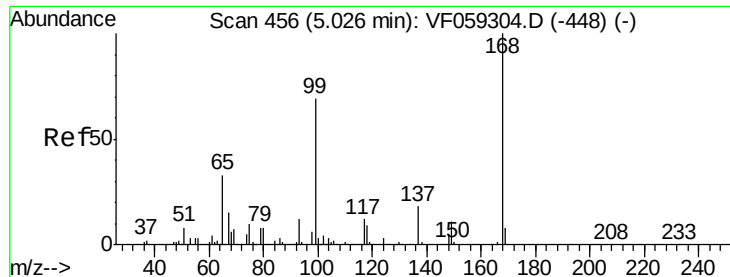
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

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Instrument :

MSVOA_F

ClientSampleId :

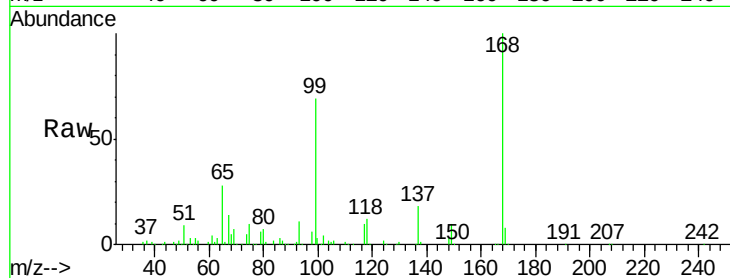
EPE-105-4(110-112)

Tot Ion:168 Resp: 244170

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

5.03

80000

60000

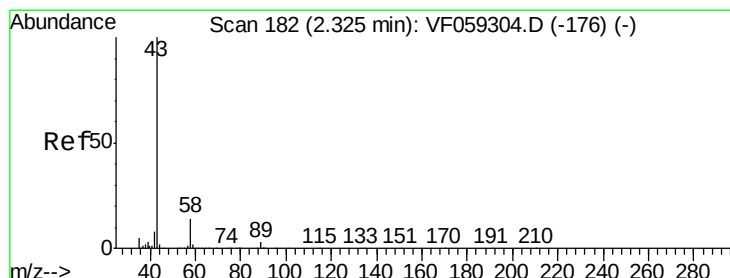
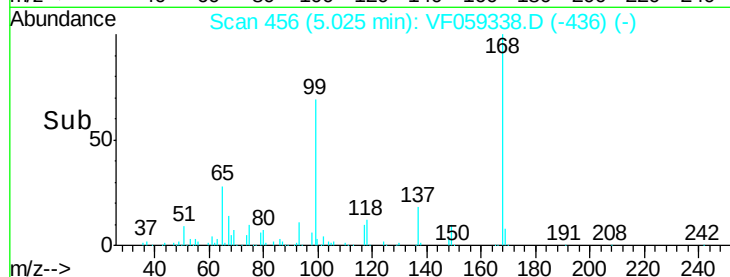
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 77.97 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059338.D

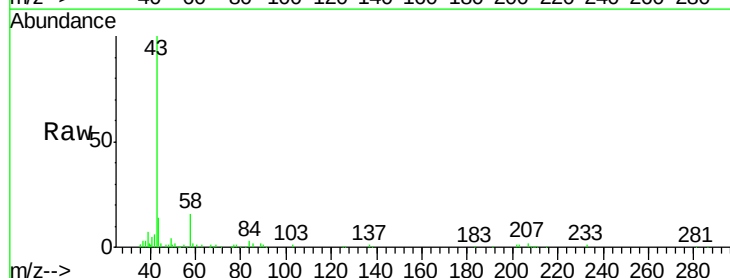
Acq: 27 Jun 2018 14:50

Tgt Ion: 43 Resp: 66960

Ion Ratio Lower Upper

43 100

58 16.1 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

30000

25000

20000

15000

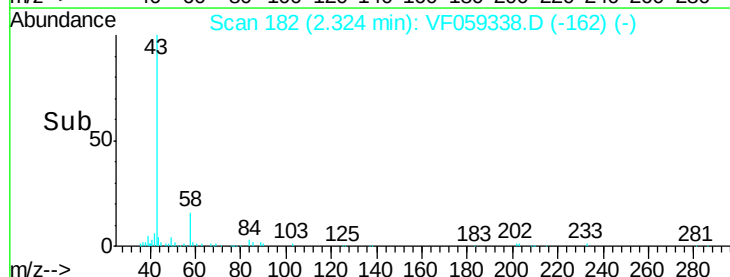
10000

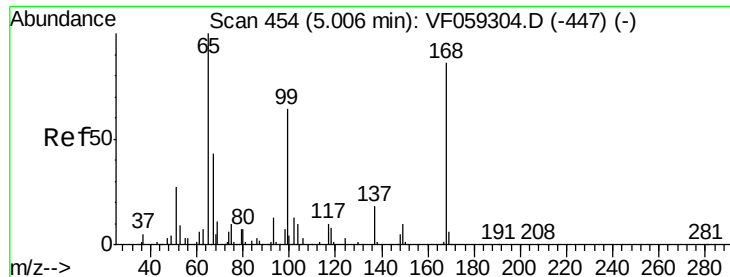
5000

0

Time-->

2.20 2.30 2.40

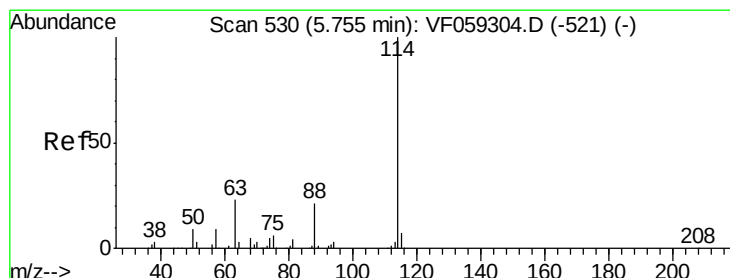
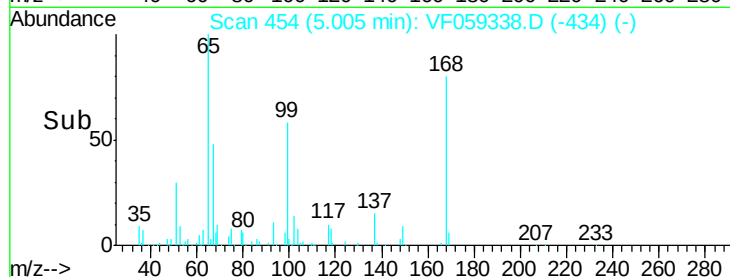
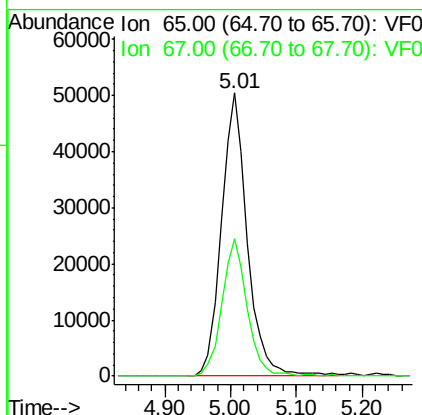
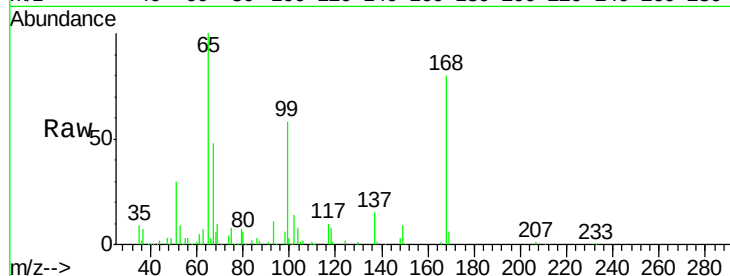




#33
 1,2-Dichloroethane-d4
 Concen: 43.70 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: VF059338.D
 Acq: 27 Jun 2018 14:50

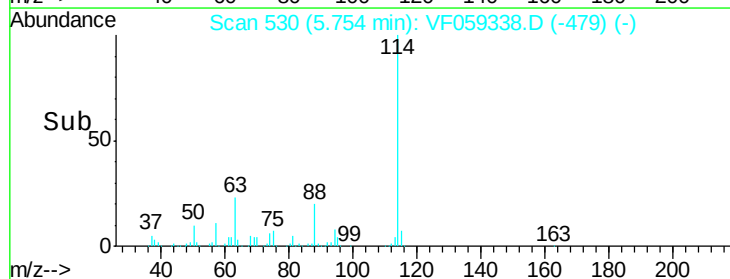
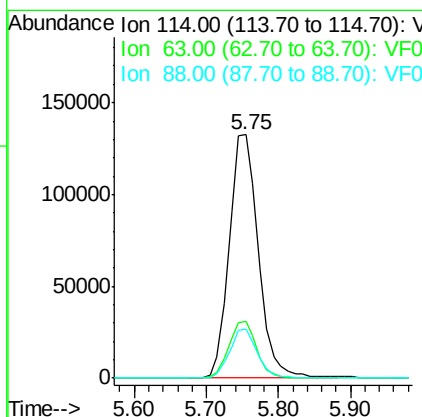
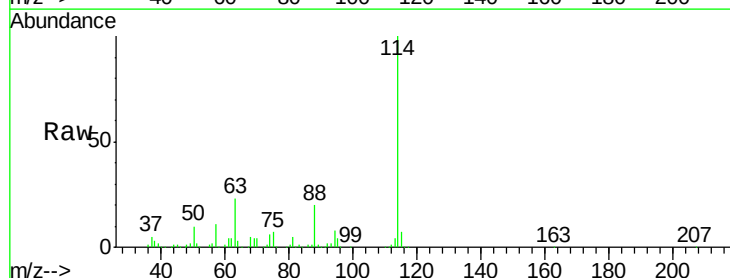
Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-105-4(110-112)

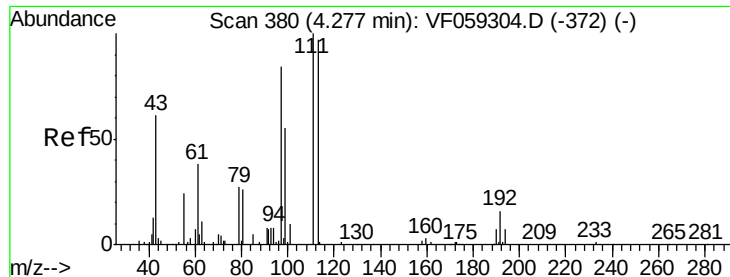
Tot Ion: 65 Resp: 137854
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 96.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VF059338.D
 Acq: 27 Jun 2018 14:50

Tgt Ion: 114 Resp: 374409
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.8
 88 20.0 0.0 41.2





#35

Dibromofluoromethane

Concen: 46.37 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059338.D

Acq: 27 Jun 2018 14:50

Instrument :

MSVOA_F

ClientSampleId :

EPE-105-4(110-112)

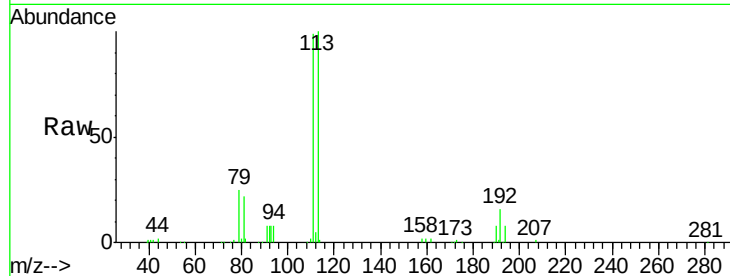
Tot Ion:113 Resp: 126854

Ion Ratio Lower Upper

113 100

111 99.0 82.1 123.1

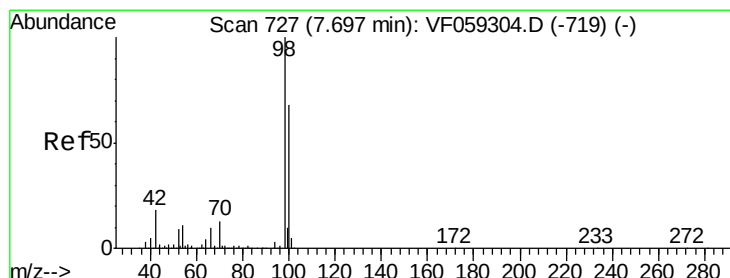
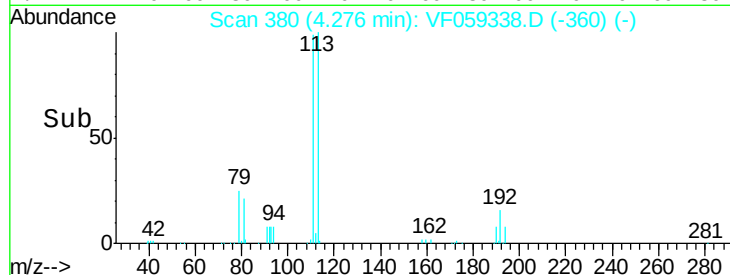
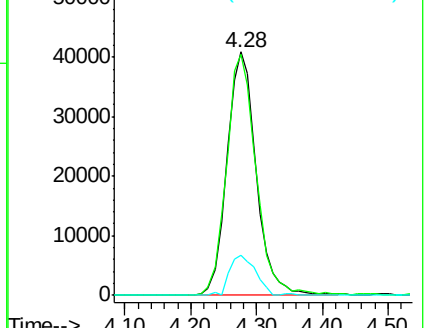
192 16.4 13.0 19.6



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: 42.90 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059338.D

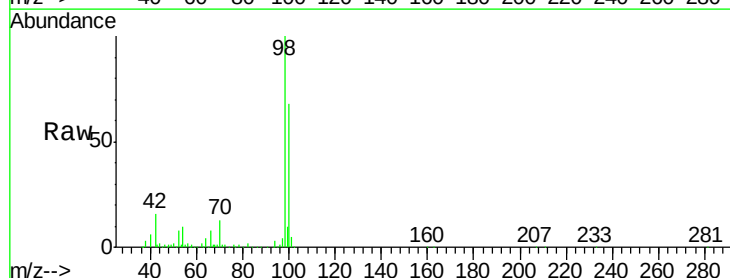
Acq: 27 Jun 2018 14:50

Tgt Ion: 98 Resp: 290554

Ion Ratio Lower Upper

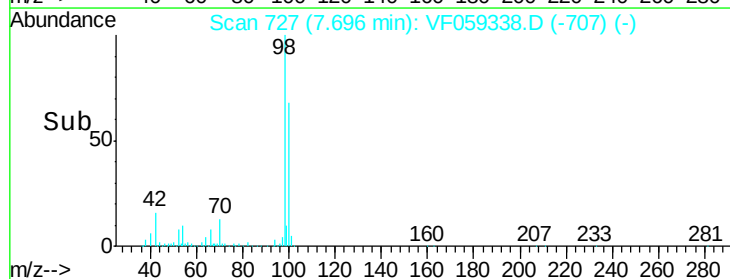
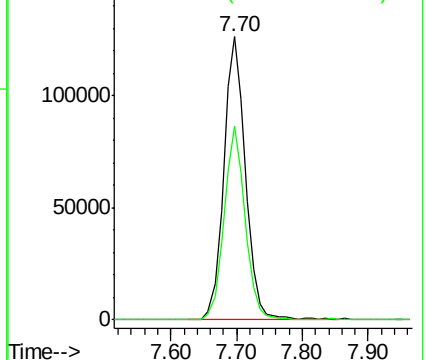
98 100

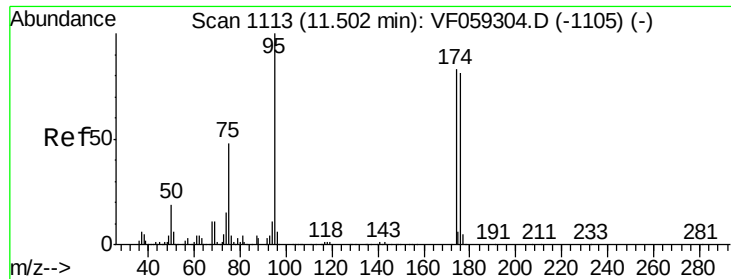
100 68.3 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

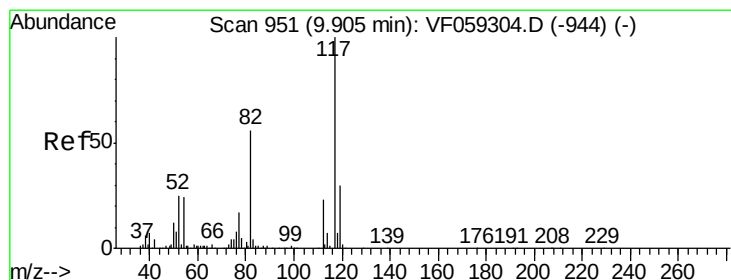
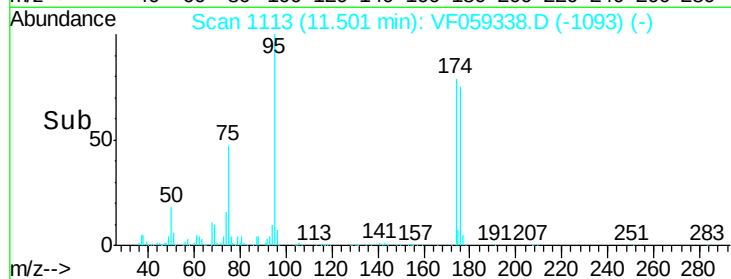
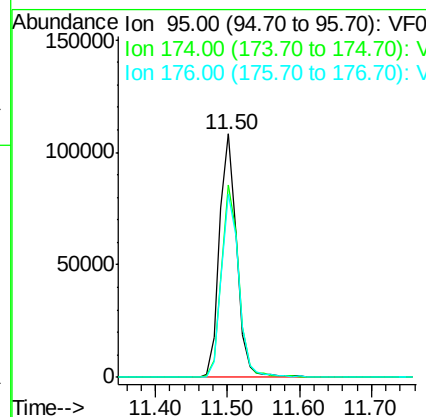
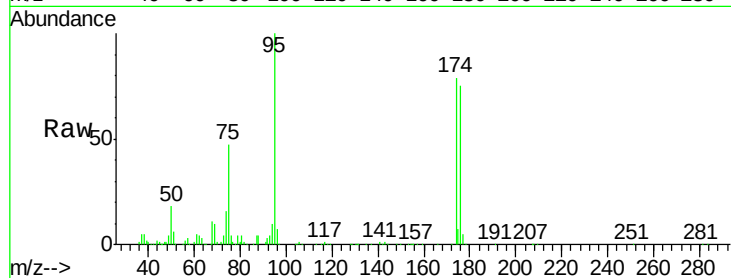




#62
4-Bromofluorobenzene
Concen: 46.13 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059338.D
Acq: 27 Jun 2018 14:50

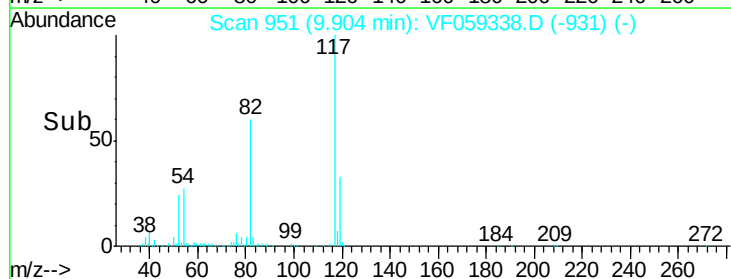
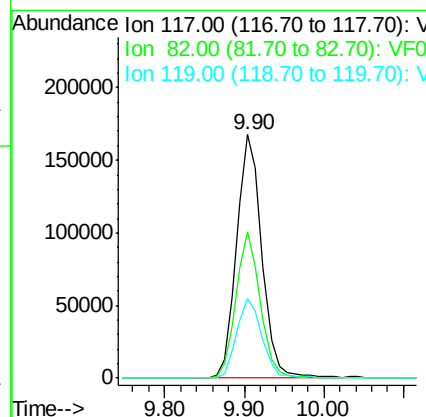
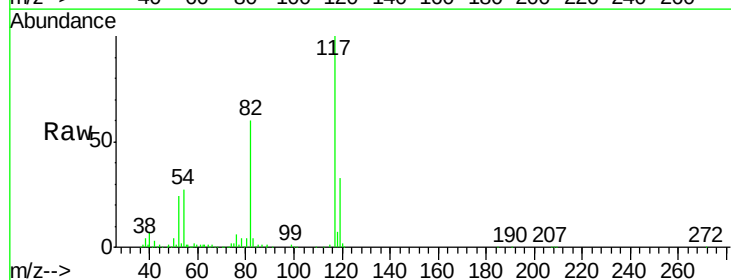
Instrument :
MSVOA_F
ClientSampleId :
EPE-105-4(110-112)

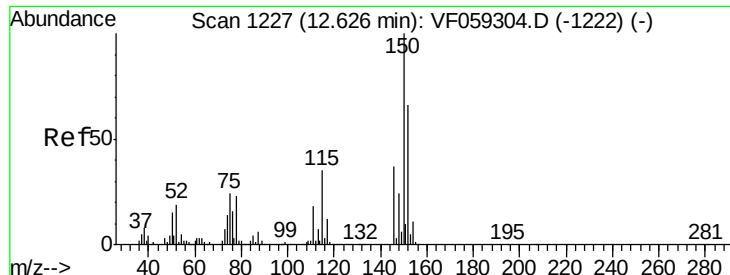
Tot Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	165.2
176	75.1	0.0	161.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059338.D
Acq: 27 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.2	44.6	66.8
119	33.0	24.1	36.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059338.D

Acq: 27 Jun 2018 14:50

Instrument :

MSVOA_F

ClientSampleId :

EPE-105-4(110-112)

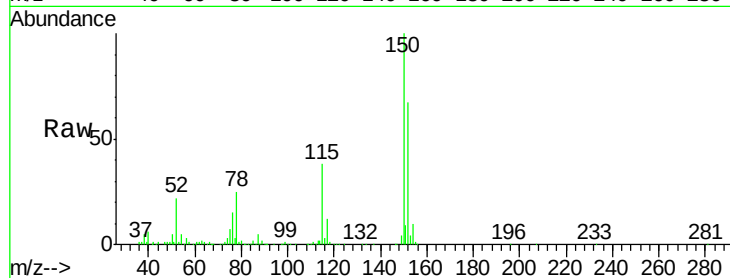
Tot Ion:152 Resp: 253920

Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.3

150 148.3 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

