

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062218\
 Data File : VF059288.D
 Acq On : 22 Jun 2018 21:56
 Operator : VA/AP
 Sample : J3632-01
 Misc : 5.13g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-105-4(3-8)

Quant Time: Jun 23 05:00:18 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	195650	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	294110	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	304236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	201999	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	125317	44.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	89.24%	
35) Dibromofluoromethane	4.28	113	111435	45.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	90.06%	
50) Toluene-d8	7.70	98	247842	39.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.76%	
62) 4-Bromofluorobenzene	11.50	95	150919	43.24	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	86.48%	

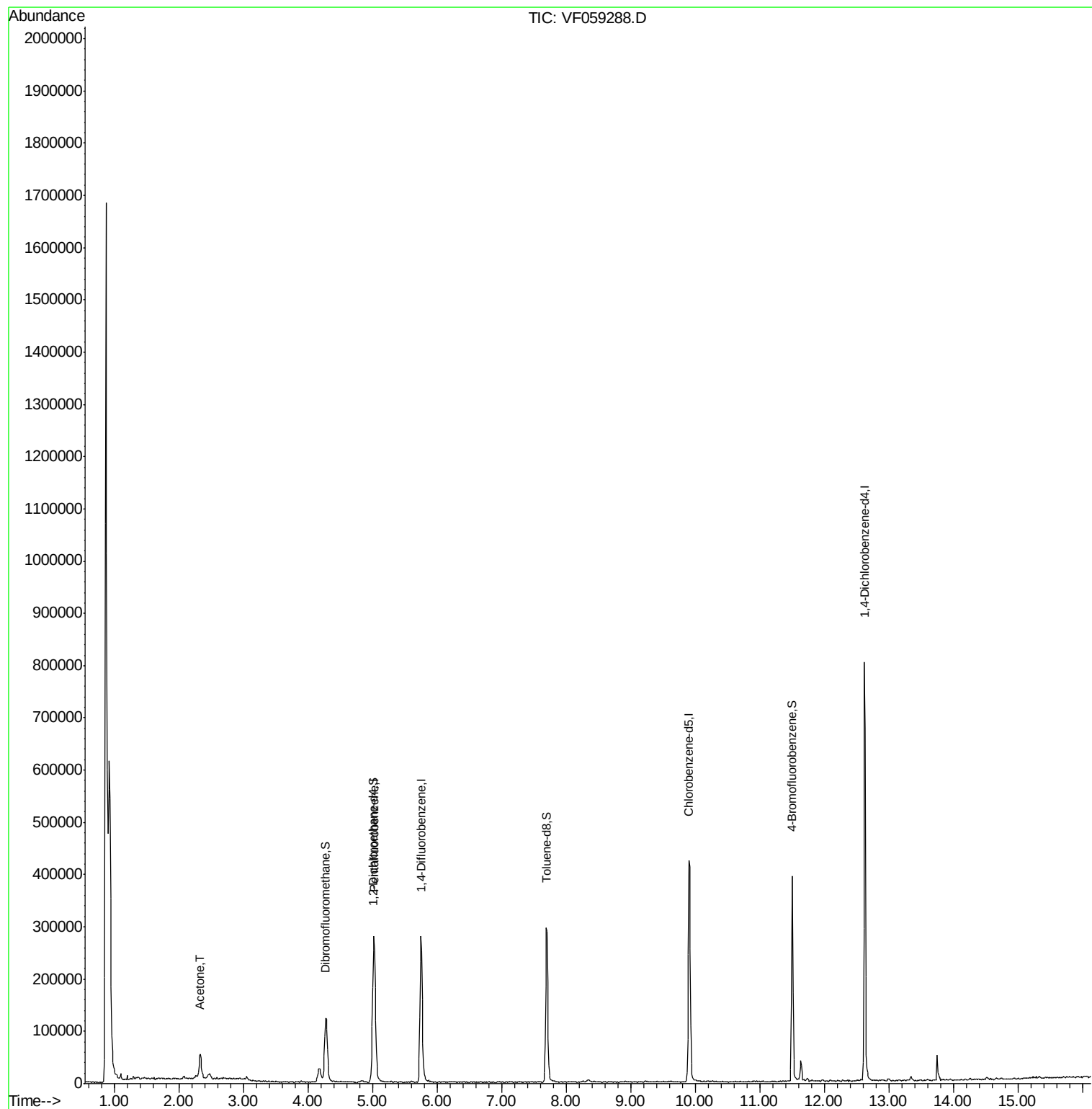
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	79540	119.83	ug/l	94

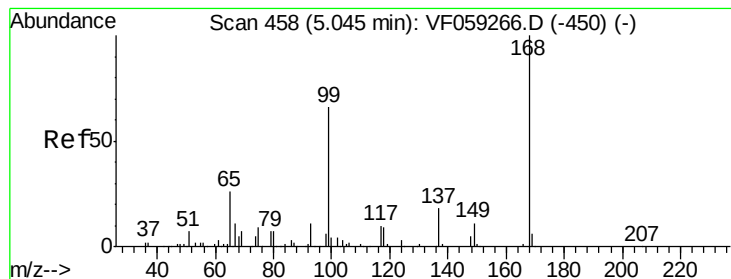
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF059288.D

Acq: 22 Jun 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

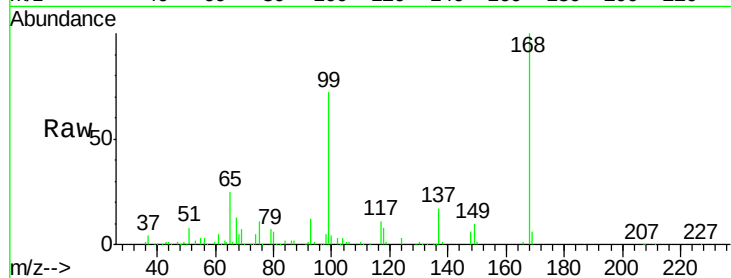
EPE-105-4(3-8)

Tot Ion:168 Resp: 195650

Ion Ratio Lower Upper

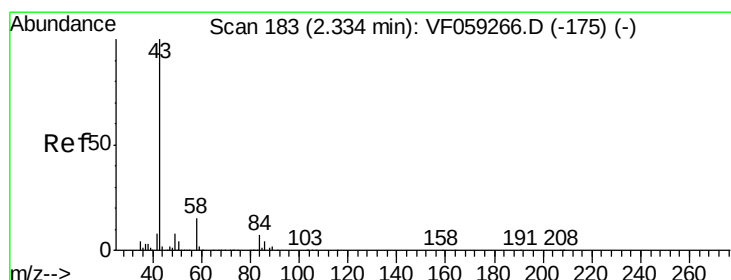
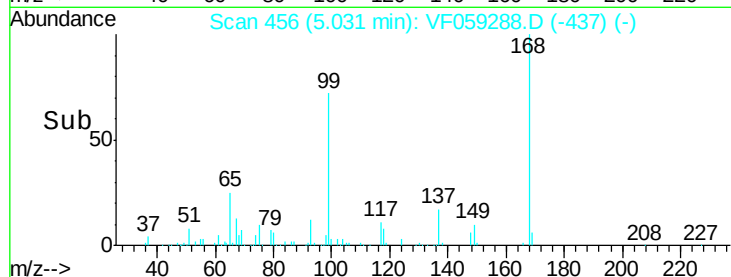
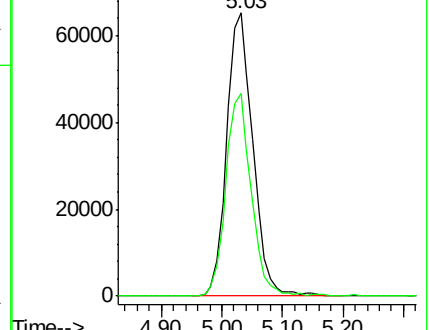
168 100

99 71.7 52.6 78.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 119.83 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059288.D

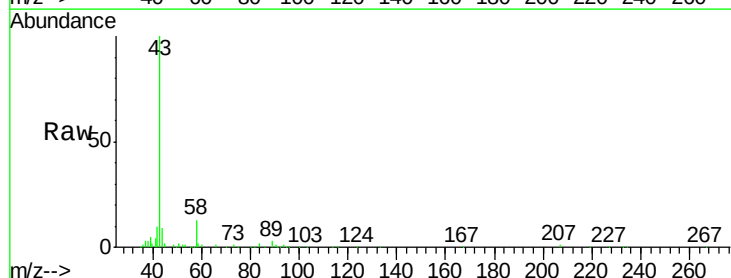
Acq: 22 Jun 2018 21:56

Tgt Ion: 43 Resp: 79540

Ion Ratio Lower Upper

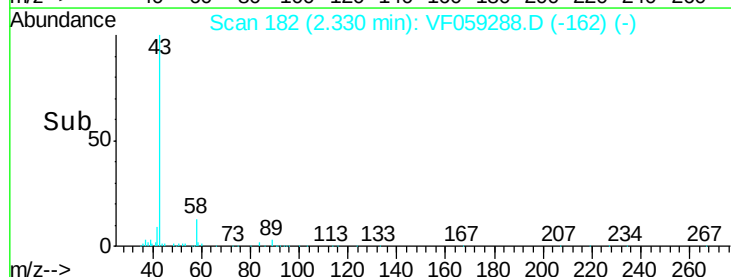
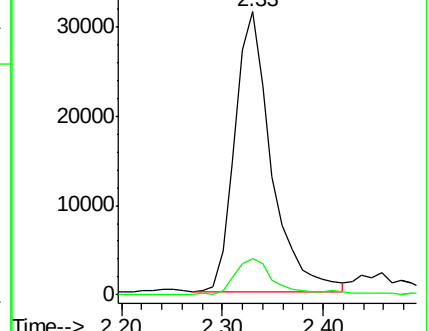
43 100

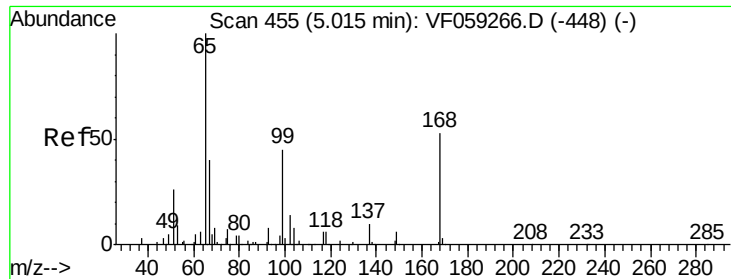
58 12.8 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

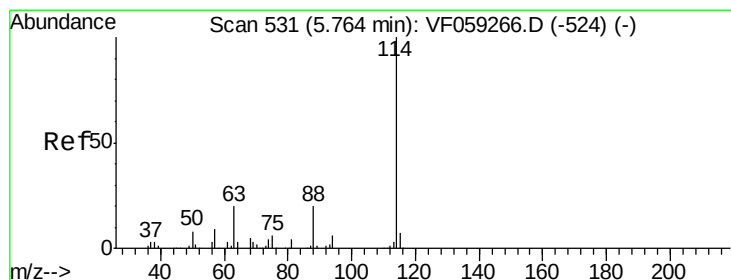
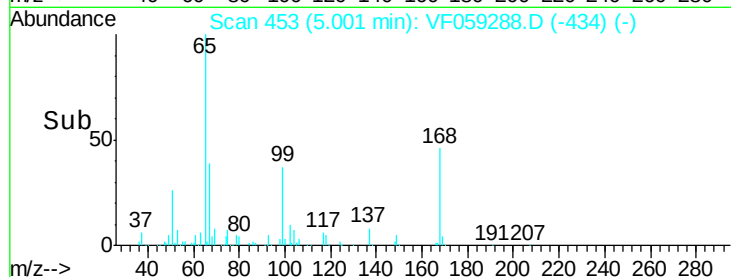
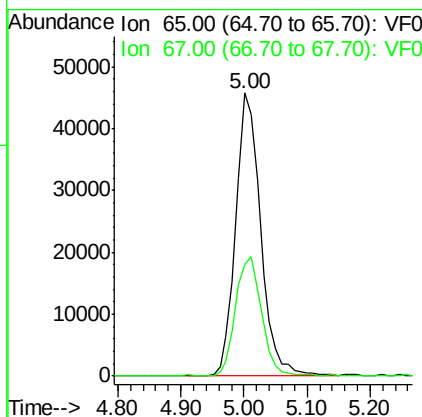
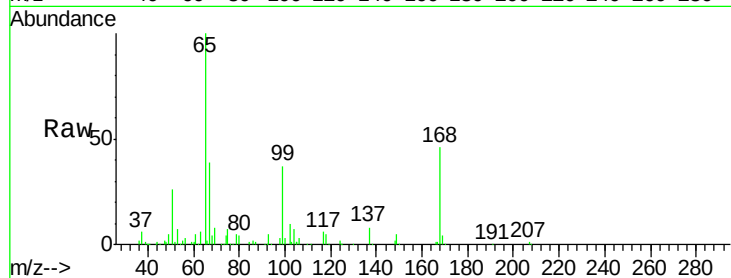




#33
 1,2-Dichloroethane-d4
 Concen: 44.62 ug/l
 RT: 5.00 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VF059288.D
 Acq: 22 Jun 2018 21:56

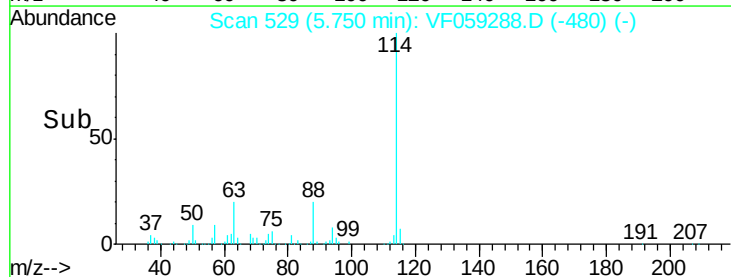
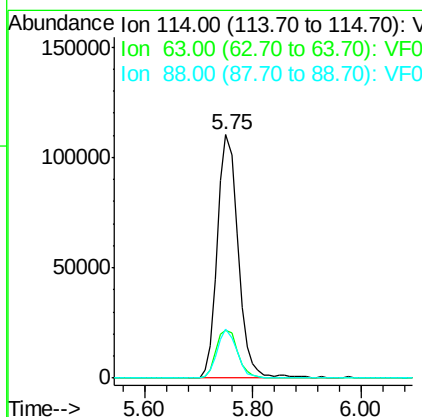
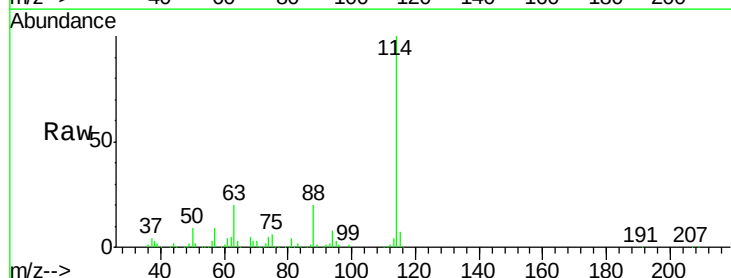
Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-105-4(3-8)

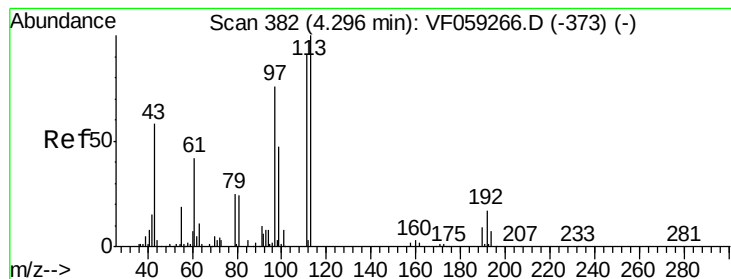
Tot Ion	65	Resp	125317
Ion	Ratio	Lower	Upper
65	100		
67	39.4	0.0	95.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VF059288.D
 Acq: 22 Jun 2018 21:56

Tgt Ion	114	Resp	294110
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.0
88	20.1	0.0	39.6





#35

Dibromofluoromethane

Concen: 45.03 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.01 min

Lab File: VF059288.D

Acq: 22 Jun 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

EPE-105-4(3-8)

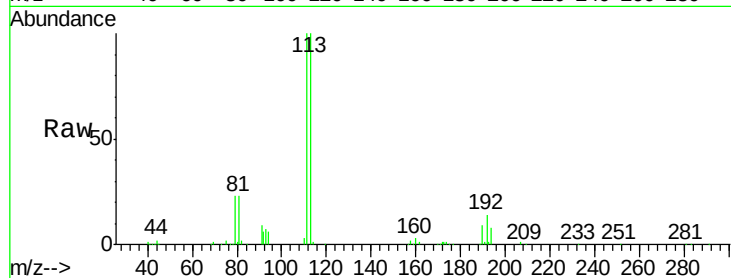
Tot Ion:113 Resp: 111435

Ion Ratio Lower Upper

113 100

111 99.5 73.1 109.7

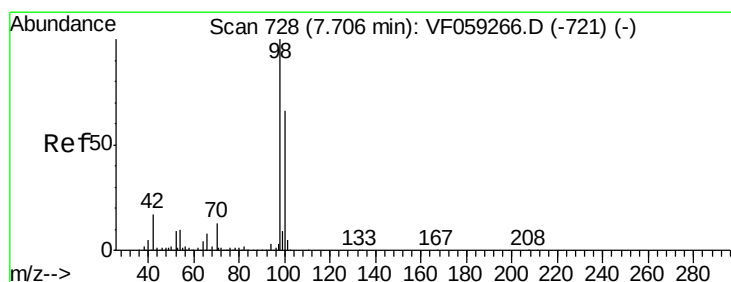
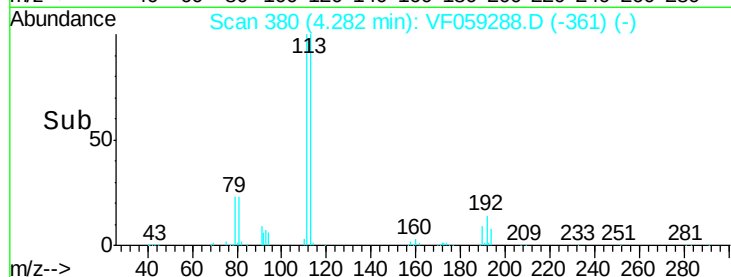
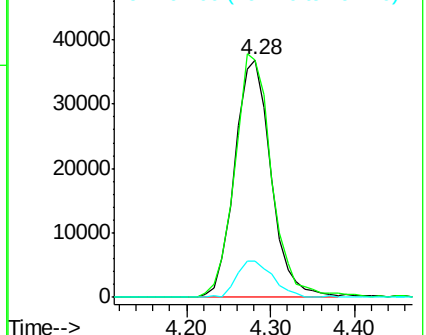
192 15.0 13.9 20.9



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: 39.38 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059288.D

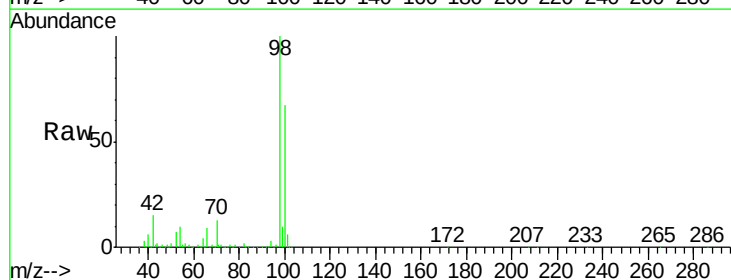
Acq: 22 Jun 2018 21:56

Tgt Ion: 98 Resp: 247842

Ion Ratio Lower Upper

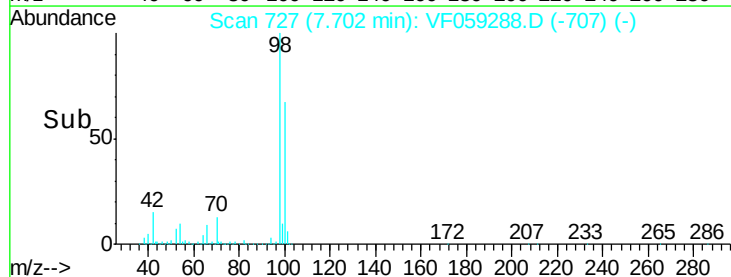
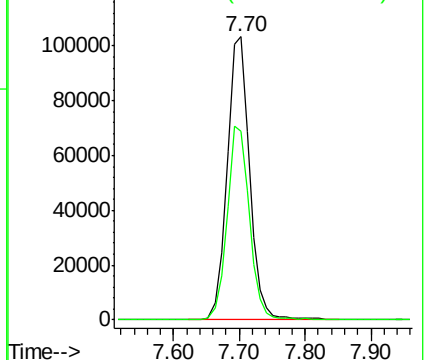
98 100

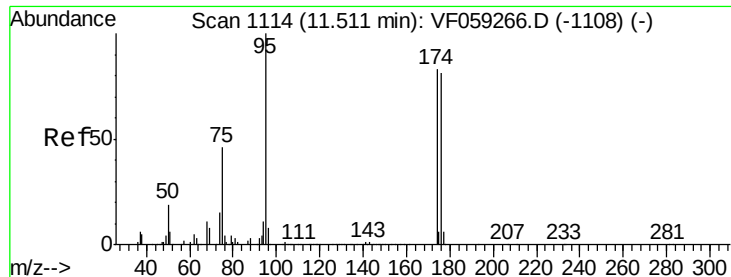
100 66.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 43.24 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059288.D

Acq: 22 Jun 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

EPE-105-4(3-8)

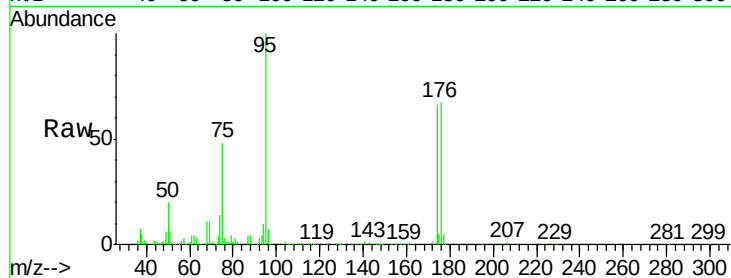
Tot Ion: 95 Resp: 150919

Ion Ratio Lower Upper

95 100

174 66.1 0.0 166.2

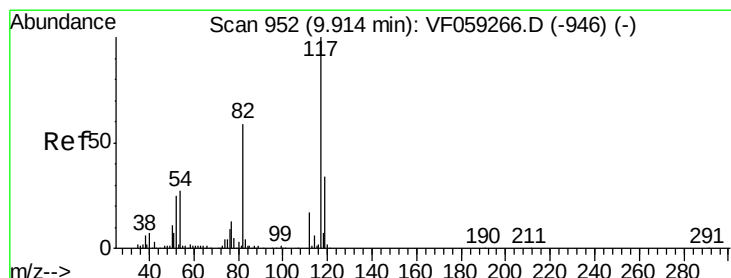
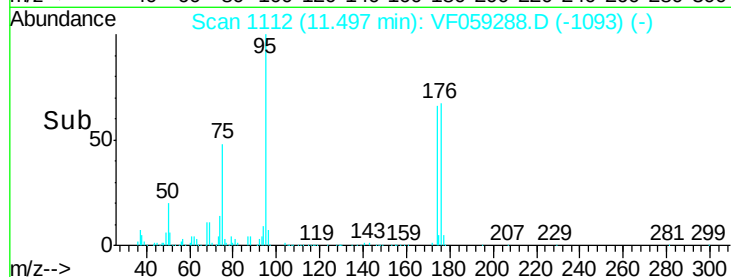
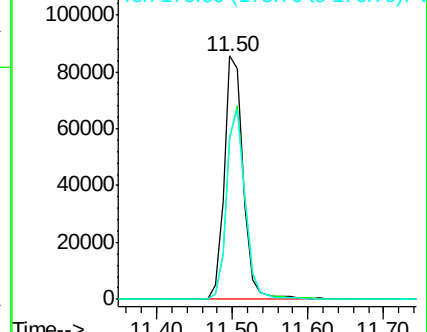
176 67.0 0.0 162.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.00 min

Lab File: VF059288.D

Acq: 22 Jun 2018 21:56

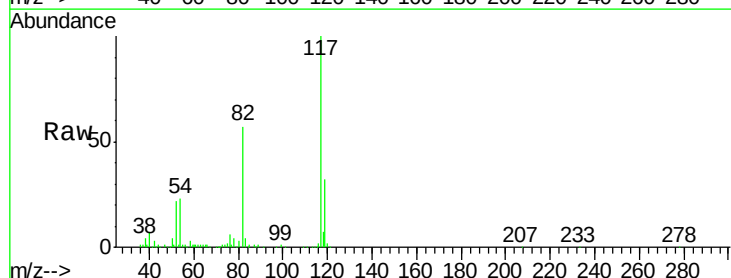
Tgt Ion: 117 Resp: 304236

Ion Ratio Lower Upper

117 100

82 56.6 47.1 70.7

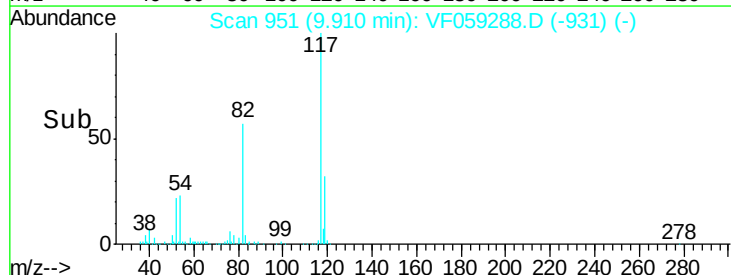
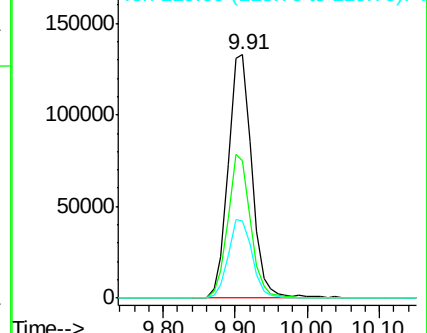
119 31.6 26.9 40.3

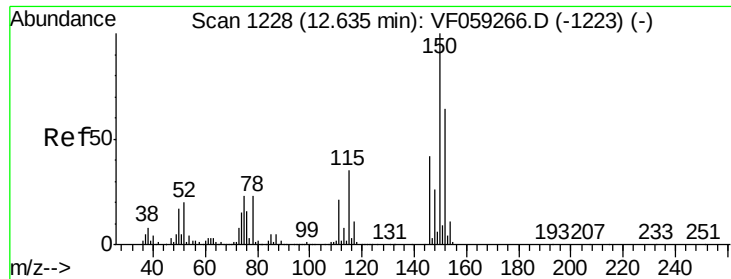


Abundance Ion 117.00 (116.70 to 117.70): V

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: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF059288.D

Acq: 22 Jun 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

EPE-105-4(3-8)

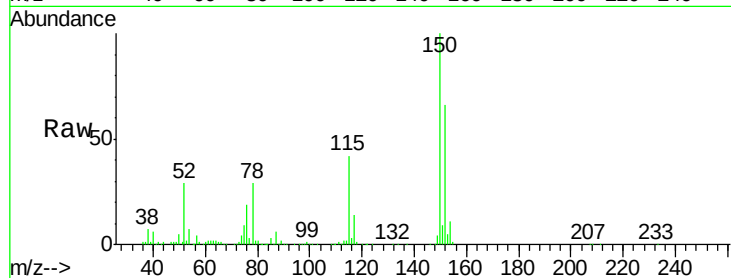
Tot Ion:152 Resp: 201999

Ion Ratio Lower Upper

152 100

115 63.5 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

