

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059402.D
 Acq On : 2 Jul 2018 22:14
 Operator : VA/AP
 Sample : J3802-08
 Misc : 6.32g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-8(5.0)

Quant Time: Jul 03 12:16:31 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

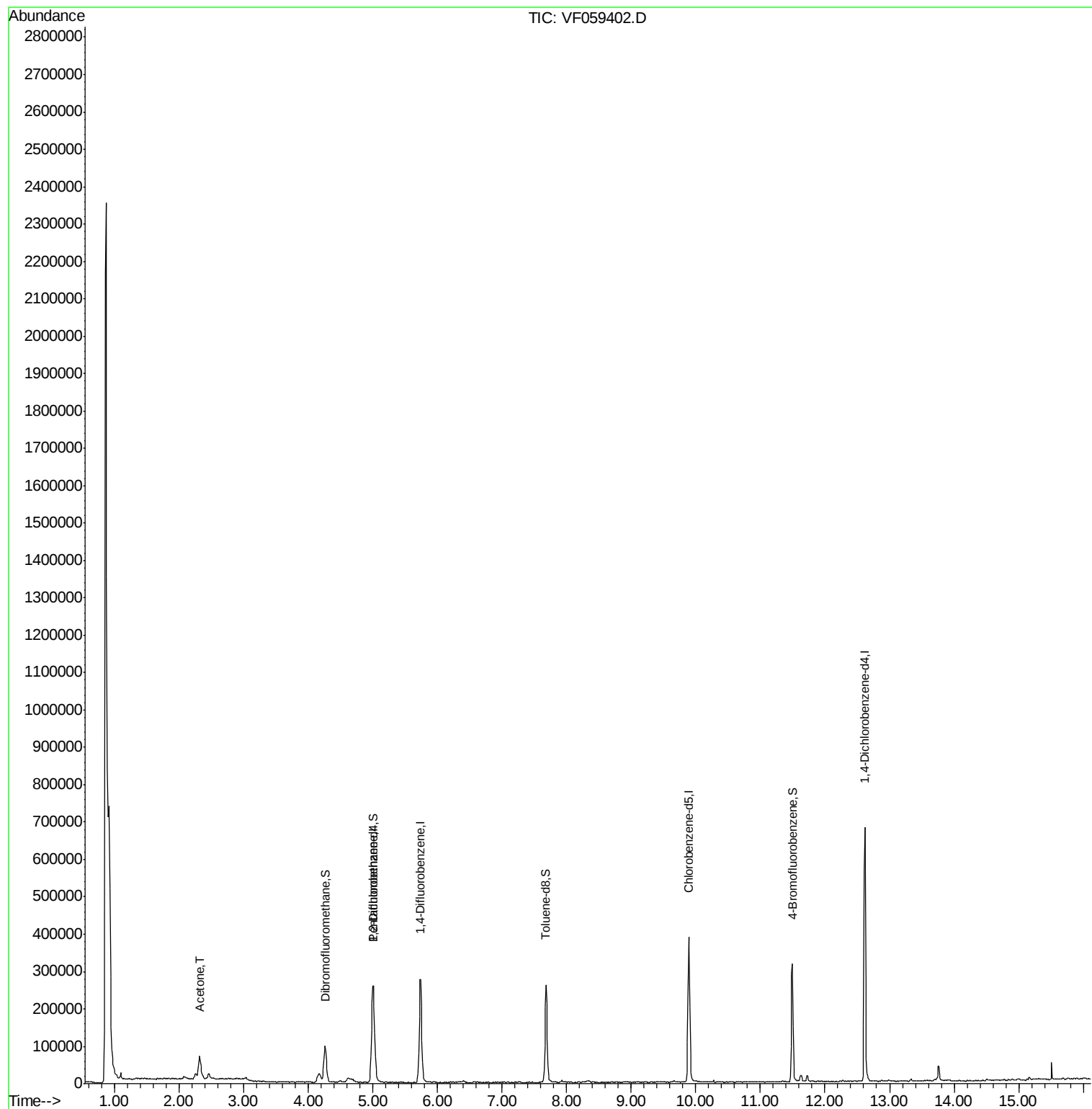
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	194703	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	293320	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	275670	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	172681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	105369	41.89	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.78%	
35) Dibromofluoromethane	4.26	113	90107	42.04	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.08%	
50) Toluene-d8	7.68	98	211713	39.90	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.80%	
62) 4-Bromofluorobenzene	11.50	95	109450	36.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.14%	
Target Compounds						
16) Acetone	2.32	43	105813	164.96	ug/l	Qvalue 98

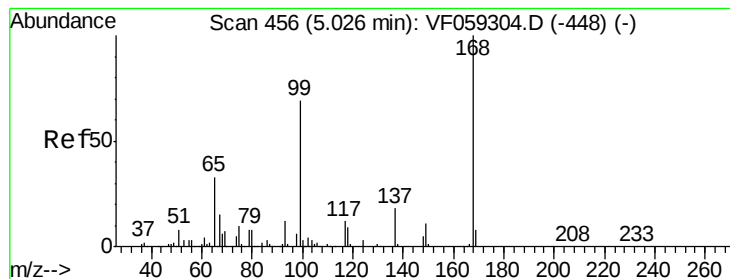
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059402.D

Acq: 2 Jul 2018 22:14

Instrument :

MSVOA_F

ClientSampleId :

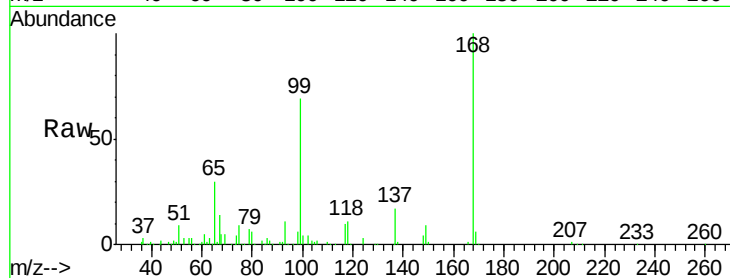
CF-8(5.0)

Tot Ion:168 Resp: 194703

Ion Ratio Lower Upper

168 100

99 68.9 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.01

60000

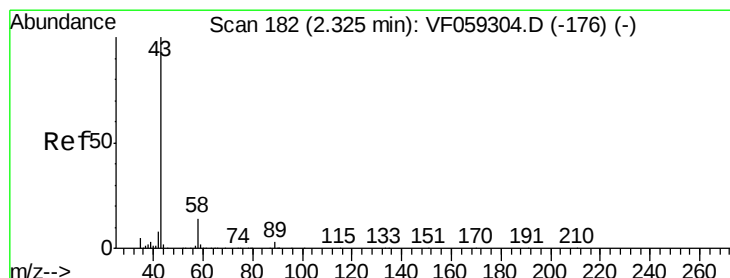
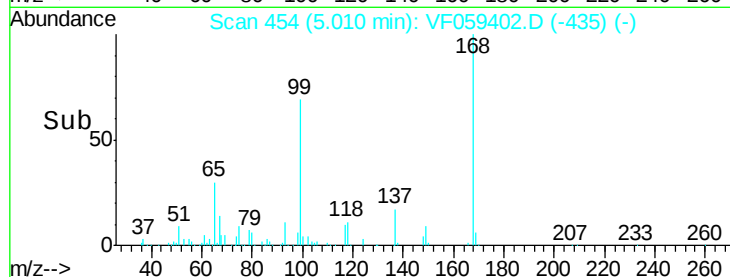
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 164.96 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.01 min

Lab File: VF059402.D

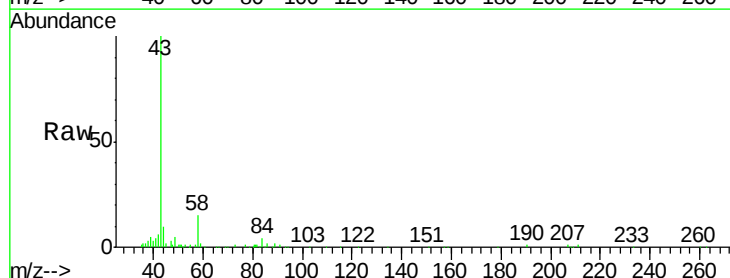
Acq: 2 Jul 2018 22:14

Tgt Ion: 43 Resp: 105813

Ion Ratio Lower Upper

43 100

58 15.1 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

40000

30000

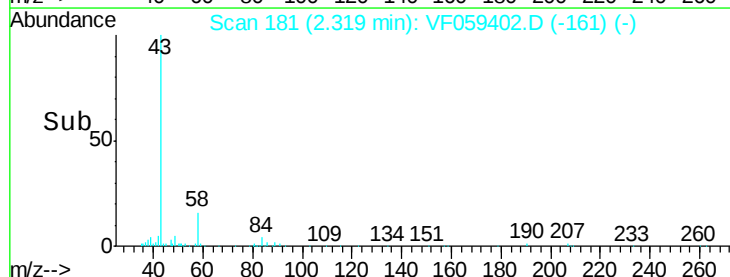
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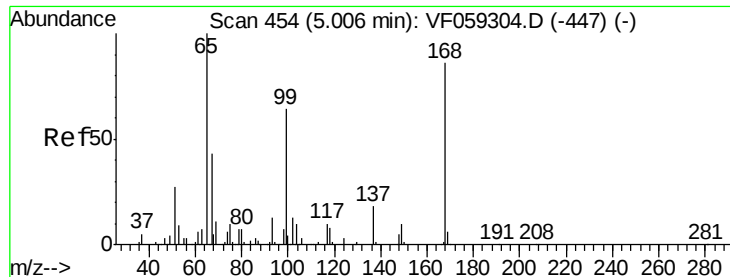
10000

0

2.20 2.30 2.40 2.50

Time-->

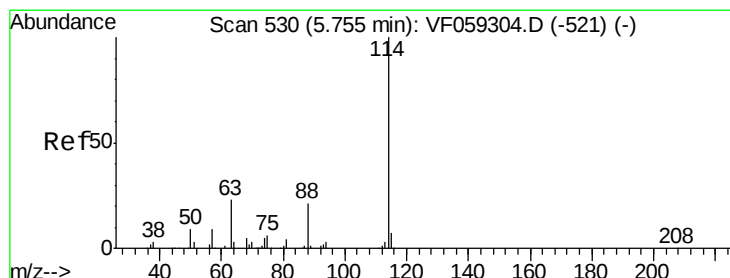
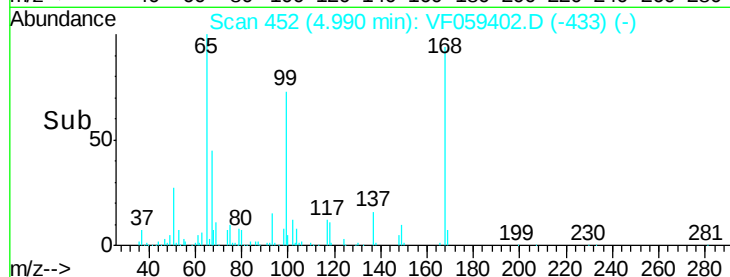
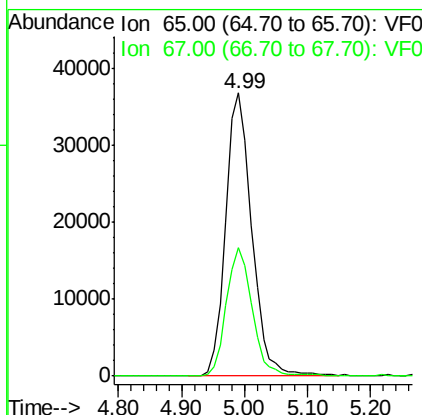
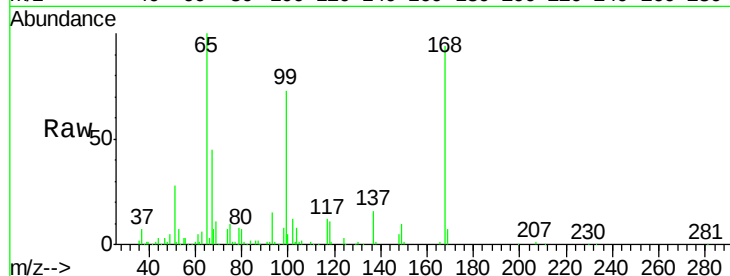




#33
 1,2-Dichloroethane-d4
 Concen: 41.89 ug/l
 RT: 4.99 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: VF059402.D
 Acq: 2 Jul 2018 22:14

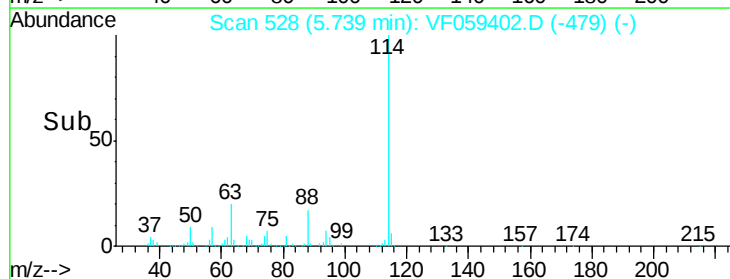
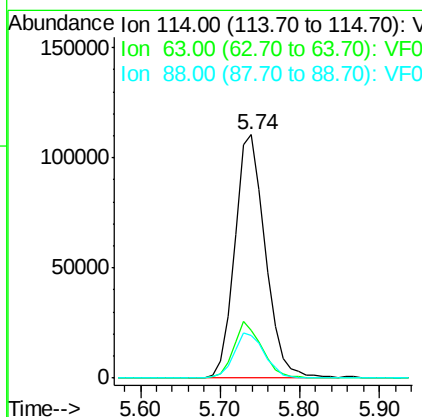
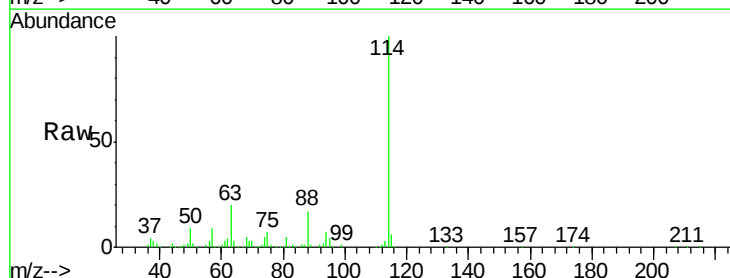
Instrument :
 MSVOA_F
 ClientSampleId :
 CF-8(5.0)

Tot Ion: 65 Resp: 105369
 Ion Ratio Lower Upper
 65 100
 67 45.3 0.0 96.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.74 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VF059402.D
 Acq: 2 Jul 2018 22:14

Tgt Ion: 114 Resp: 293320
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 45.8
 88 17.4 0.0 41.2

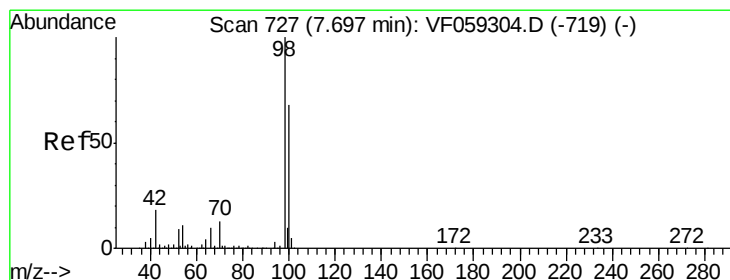
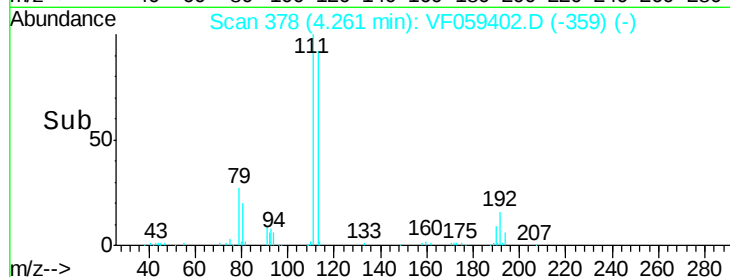
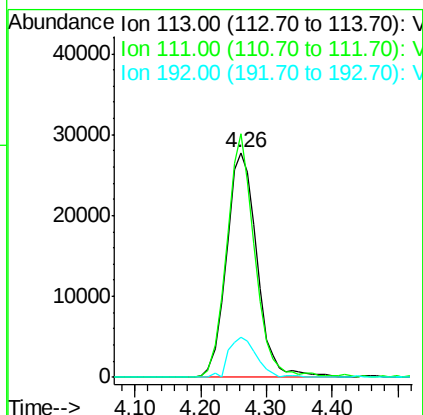
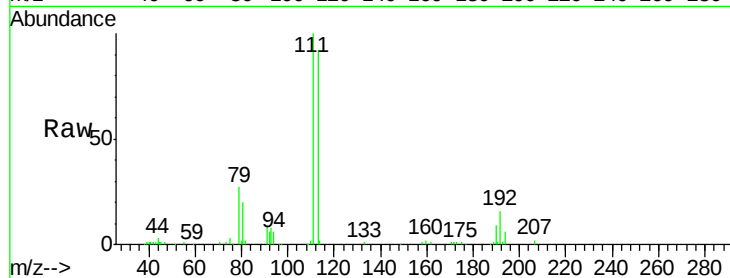




#35
 Dibromofluoromethane
 Concen: 42.04 ug/l
 RT: 4.26 min Scan# 378
 Delta R.T. -0.02 min
 Lab File: VF059402.D
 Acq: 2 Jul 2018 22:14

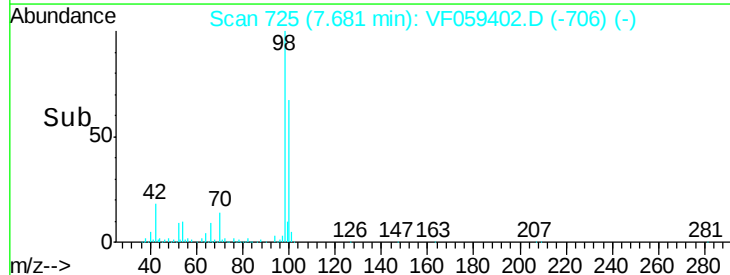
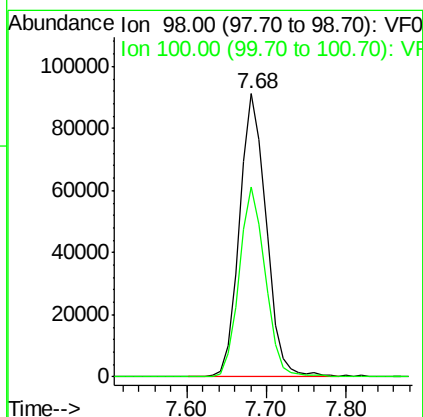
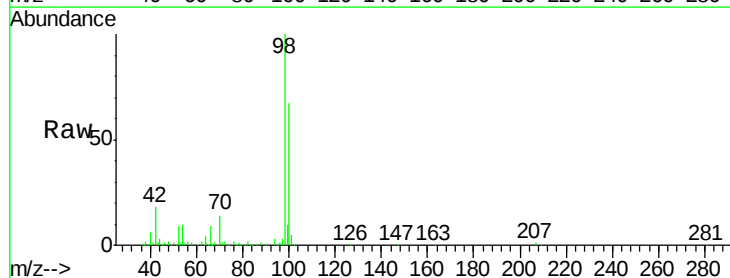
Instrument :
 MSVOA_F
 ClientSampleId :
 CF-8(5.0)

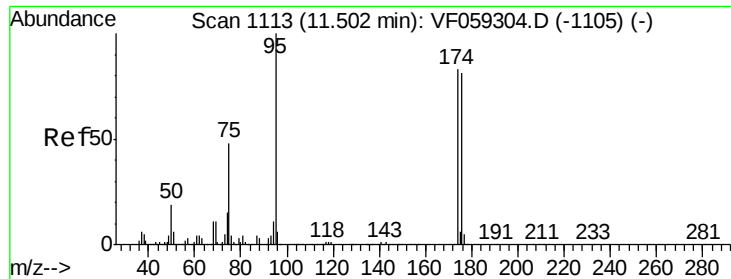
Tot Ion	Ratio	Lower	Upper
113	100		
111	106.0	82.1	123.1
192	17.4	13.0	19.6



#50
 Toluene-d8
 Concen: 39.90 ug/l
 RT: 7.68 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: VF059402.D
 Acq: 2 Jul 2018 22:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	54.6	82.0

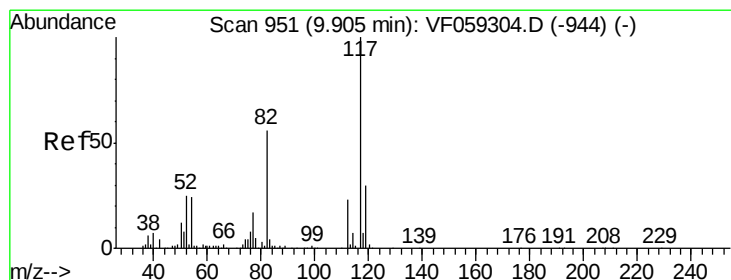
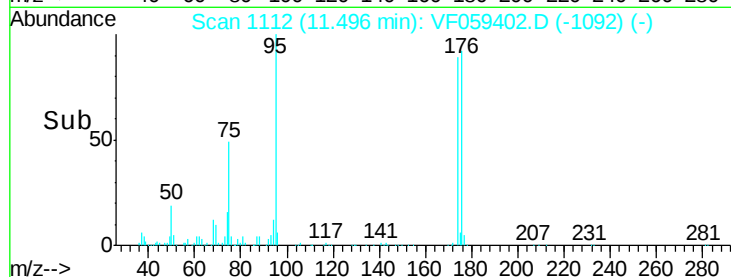
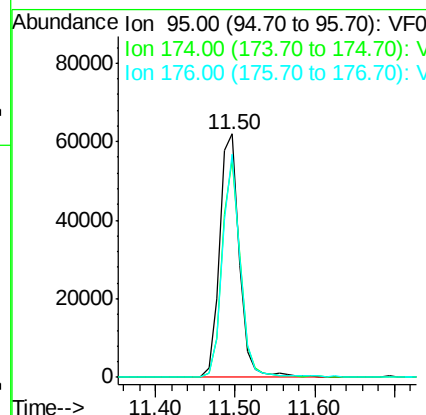
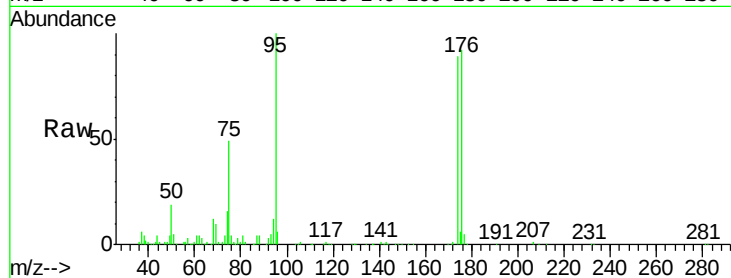




#62
4-Bromofluorobenzene
Concen: 36.57 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059402.D
Acq: 2 Jul 2018 22:14

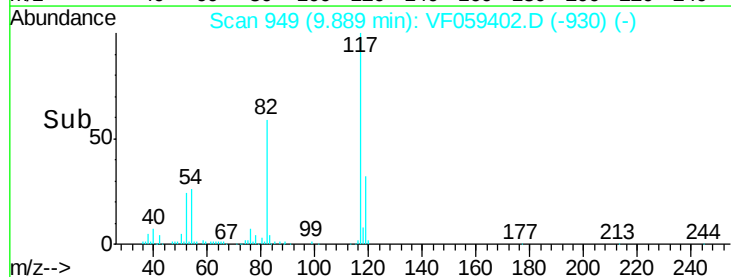
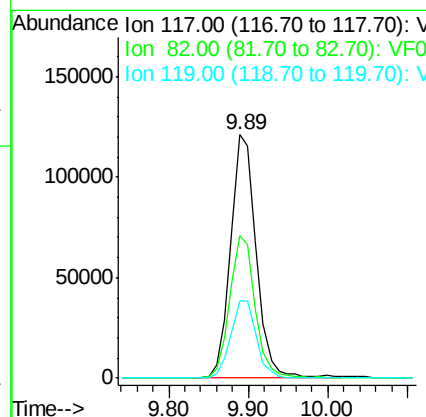
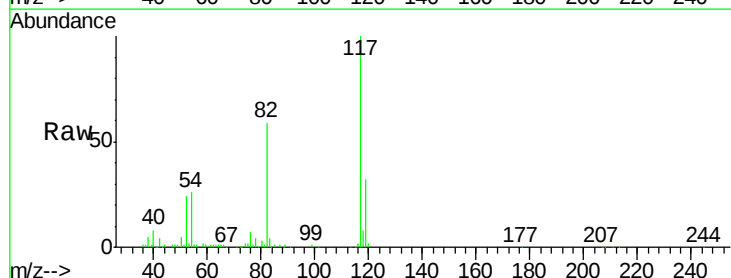
Instrument :
MSVOA_F
ClientSampleId :
CF-8(5.0)

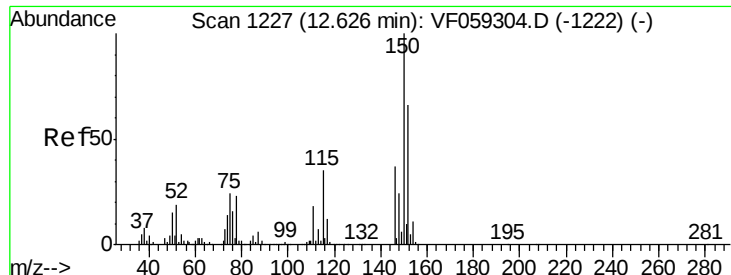
Tot Ion: 95 Resp: 109450
Ion Ratio Lower Upper
95 100
174 89.5 0.0 165.2
176 91.9 0.0 161.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059402.D
Acq: 2 Jul 2018 22:14

Tgt Ion: 117 Resp: 275670
Ion Ratio Lower Upper
117 100
82 58.7 44.6 66.8
119 31.7 24.1 36.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF059402.D

Acq: 2 Jul 2018 22:14

Instrument :

MSVOA_F

ClientSampleId :

CF-8(5.0)

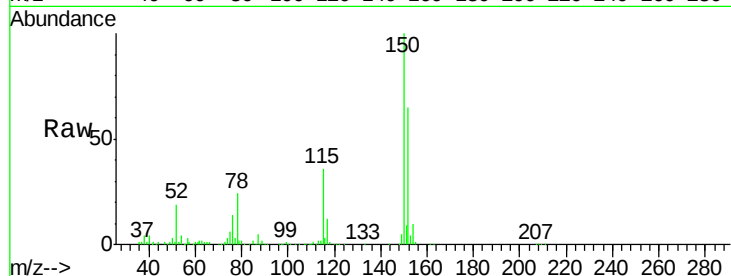
Tot Ion:152 Resp: 172681

Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.3

150 153.6 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

