

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060112.D
 Acq On : 24 Aug 2018 20:54
 Operator : VA/AP
 Sample : J4270-01
 Misc : 6.79g/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-03-082318

Quant Time: Aug 25 05:21:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

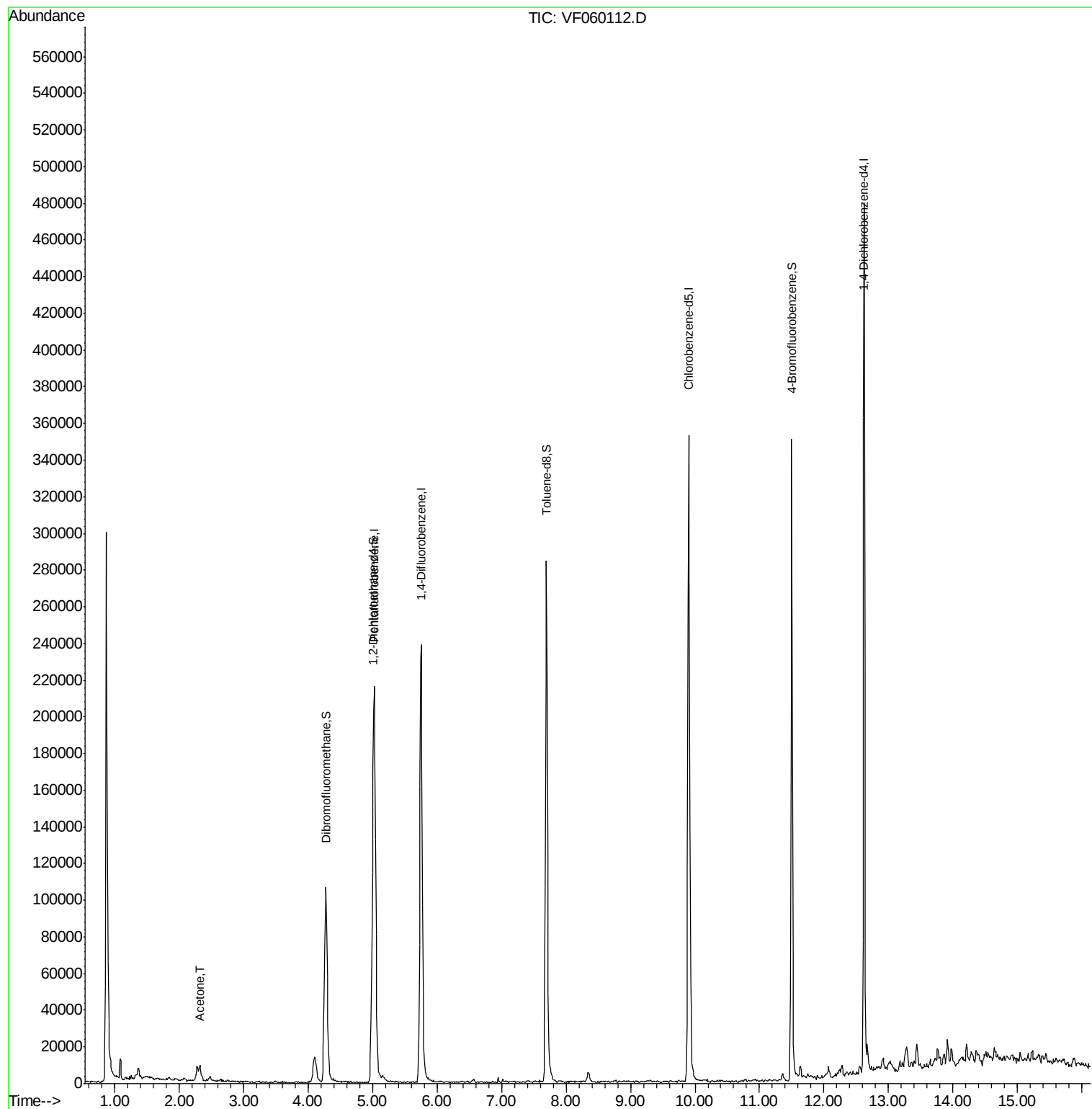
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	165037	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	260166	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	241798	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	116008	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	96405	42.68	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	85.36%	
35) Dibromofluoromethane	4.27	113	100184	49.04	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	7.70	98	231573	39.91	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	79.82%	
62) 4-Bromofluorobenzene	11.50	95	112269	36.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	73.16%	
Target Compounds						
16) Acetone	2.32	43	10581	17.82	ug/l	Qvalue 93

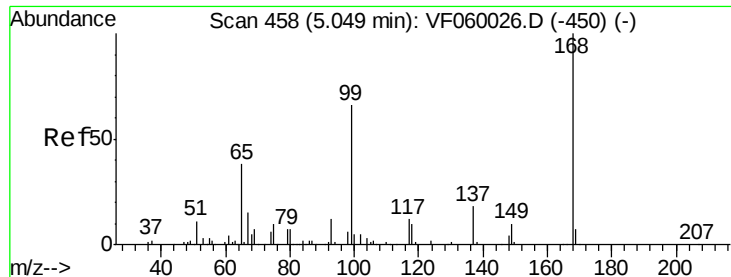
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.03 min

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Acq: 24 Aug 2018 20:54

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MSVOA_F

ClientSampleId :

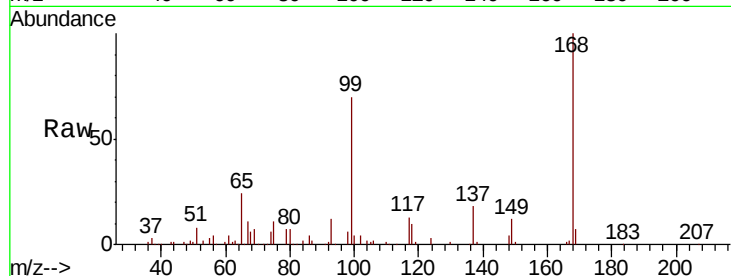
BU-03-082318

Tot Ion:168 Resp: 165037

Ion Ratio Lower Upper

168 100

99 70.1 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

60000

50000

40000

30000

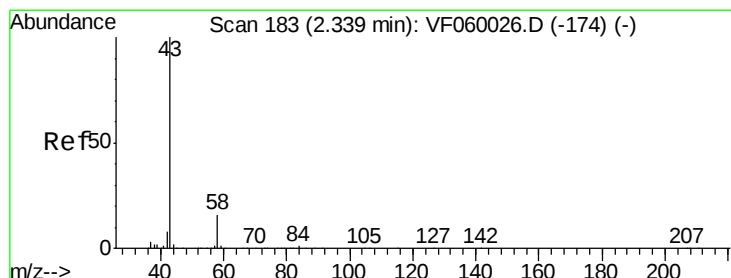
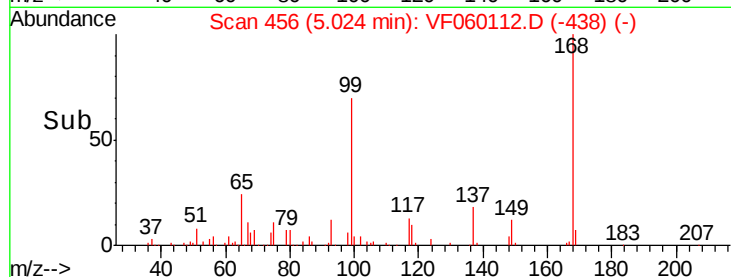
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 17.82 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.02 min

Lab File: VF060112.D

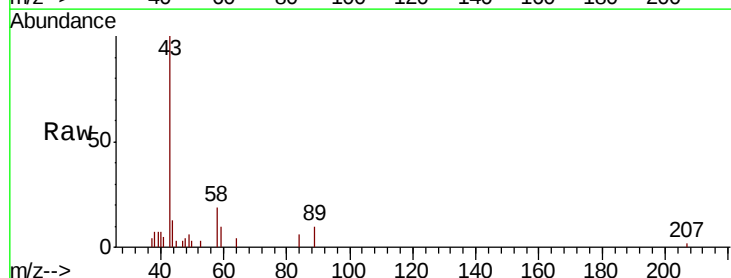
Acq: 24 Aug 2018 20:54

Tgt Ion: 43 Resp: 10581

Ion Ratio Lower Upper

43 100

58 18.9 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

5000

4000

3000

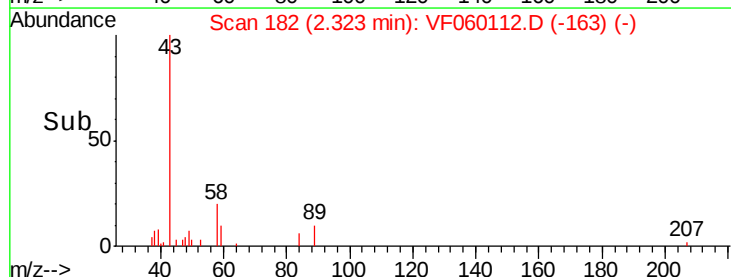
2000

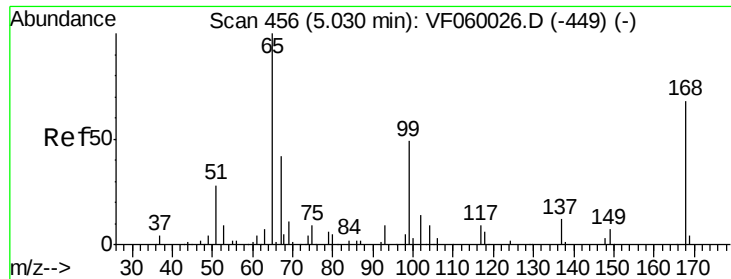
1000

0

Time-->

2.20 2.25 2.30 2.35 2.40

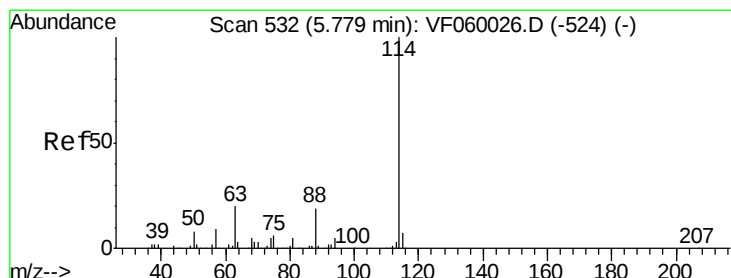
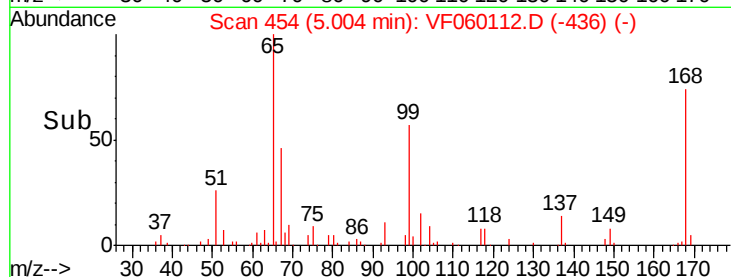
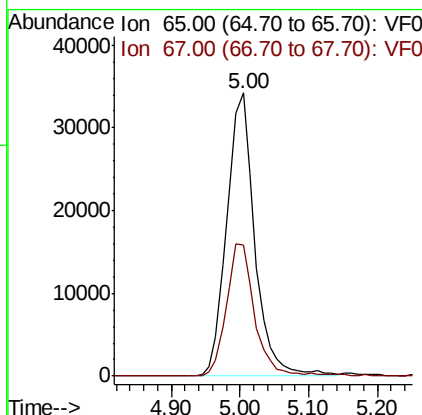
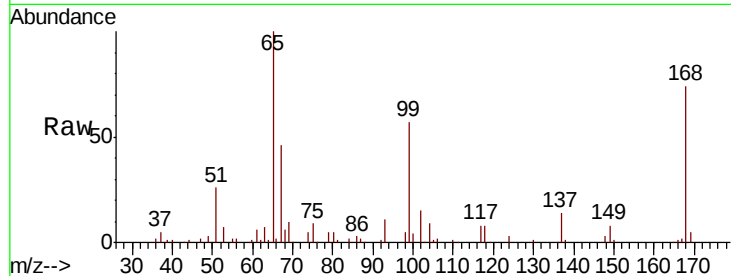




#33
 1,2-Dichloroethane-d4
 Concen: 42.68 ug/l
 RT: 5.00 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: VF060112.D
 Acq: 24 Aug 2018 20:54

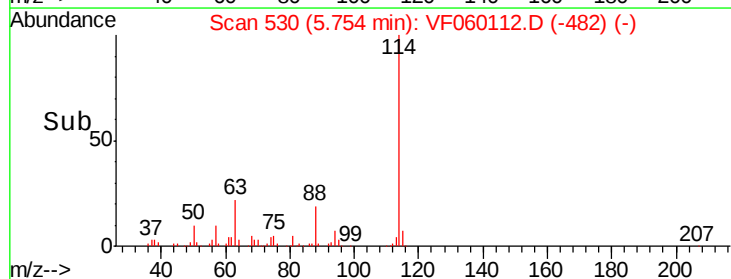
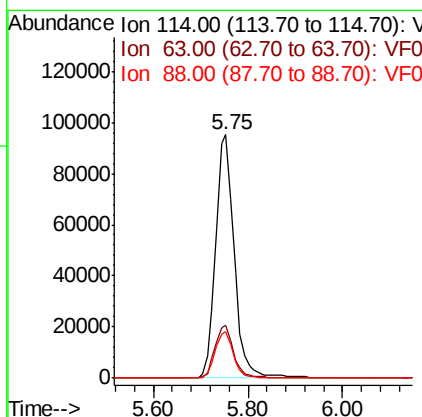
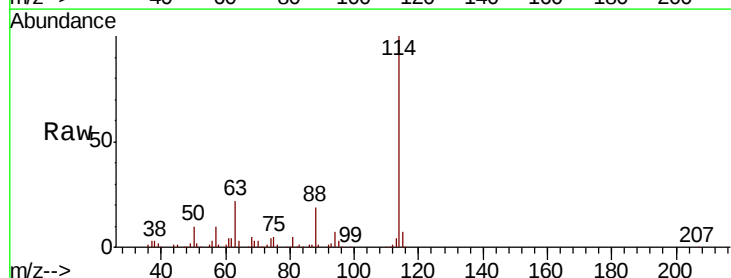
Instrument :
 MSVOA_F
 ClientSampleId :
 BU-03-082318

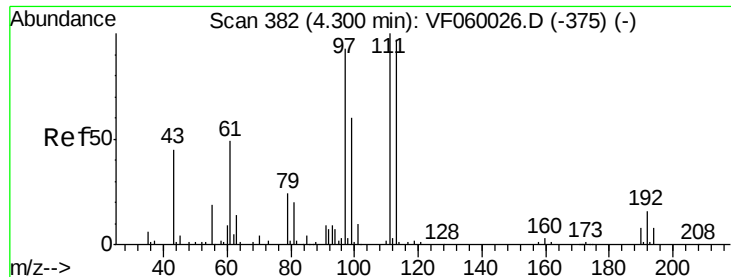
Tot Ion: 65 Resp: 96405
 Ion Ratio Lower Upper
 65 100
 67 46.2 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: VF060112.D
 Acq: 24 Aug 2018 20:54

Tgt Ion: 114 Resp: 260166
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.4
 88 19.0 0.0 38.6

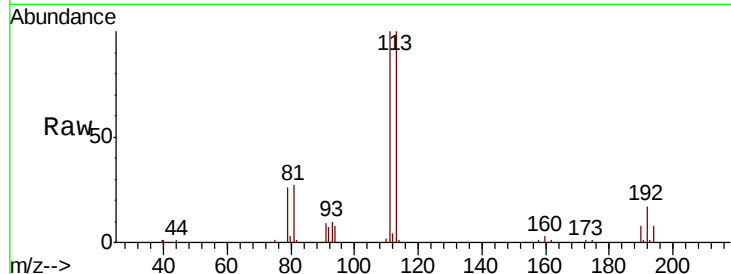




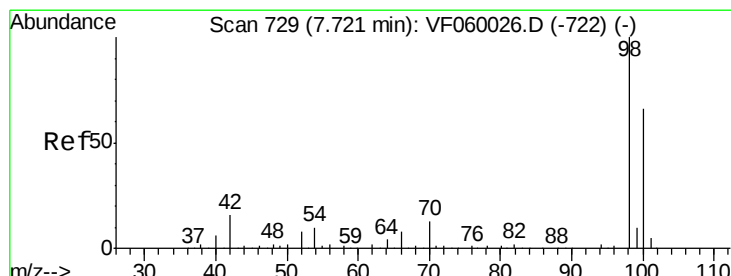
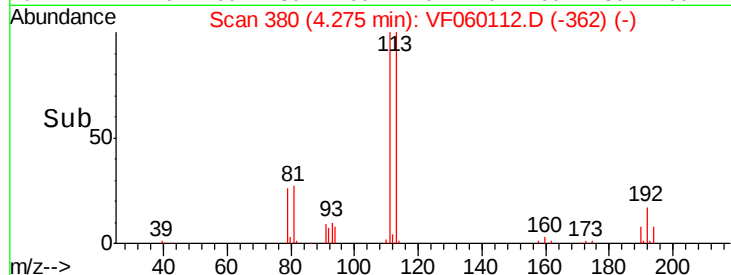
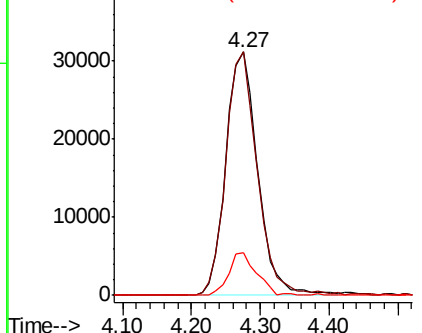
#35
 Dibromofluoromethane
 Concen: 49.04 ug/l
 RT: 4.27 min Scan# 380
 Delta R.T. -0.03 min
 Lab File: VF060112.D
 Acq: 24 Aug 2018 20:54

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-03-082318

Tot Ion:113 Resp: 100184
 Ion Ratio Lower Upper
 113 100
 111 99.9 82.7 124.1
 192 17.4 13.0 19.4

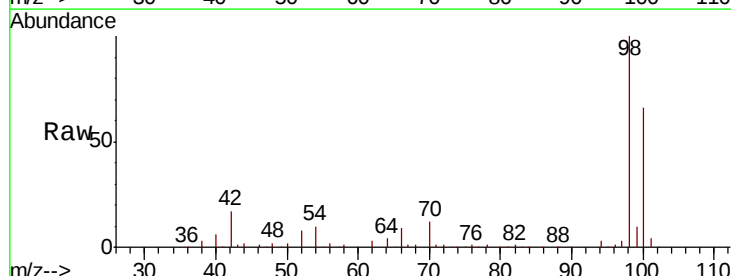


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

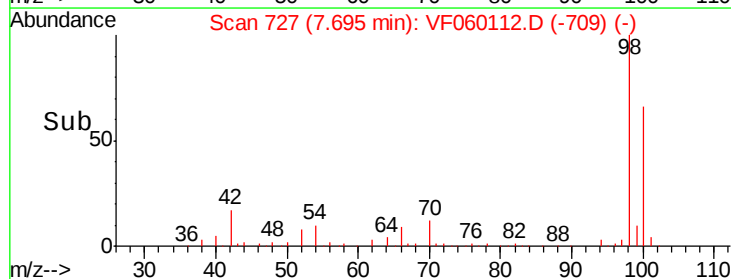
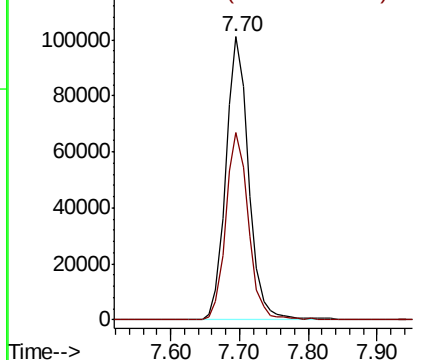


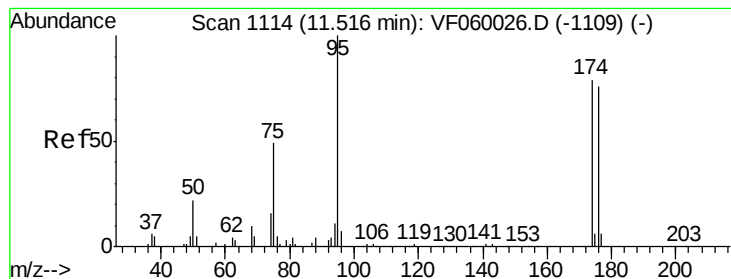
#50
 Toluene-d8
 Concen: 39.91 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.03 min
 Lab File: VF060112.D
 Acq: 24 Aug 2018 20:54

Tgt Ion: 98 Resp: 231573
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 36.58 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.02 min

Lab File: VF060112.D

Acq: 24 Aug 2018 20:54

Instrument :

MSVOA_F

ClientSampleId :

BU-03-082318

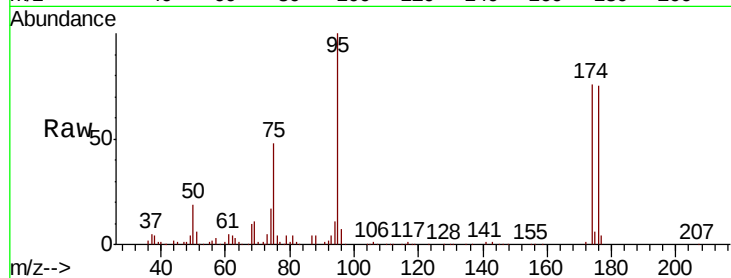
Tot Ion: 95 Resp: 112269

Ion Ratio Lower Upper

95 100

174 76.4 0.0 158.4

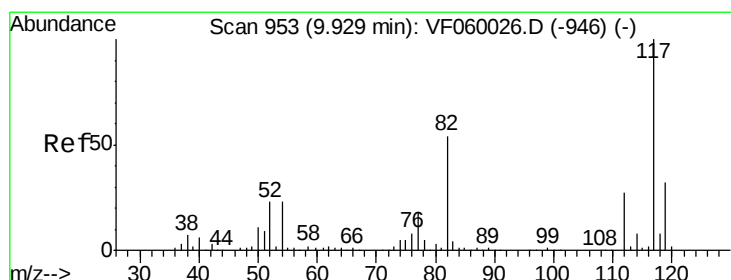
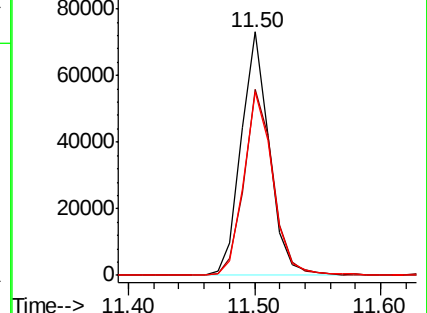
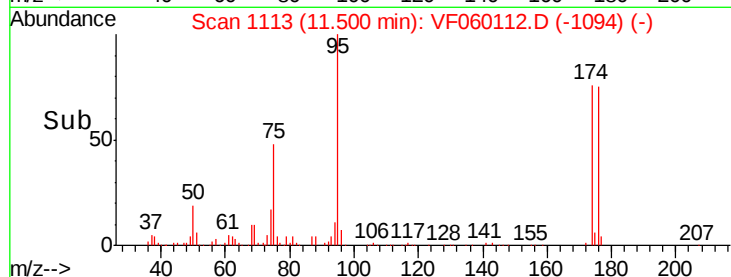
176 75.2 0.0 153.0



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: 9.90 min Scan# 951

Delta R.T. -0.03 min

Lab File: VF060112.D

Acq: 24 Aug 2018 20:54

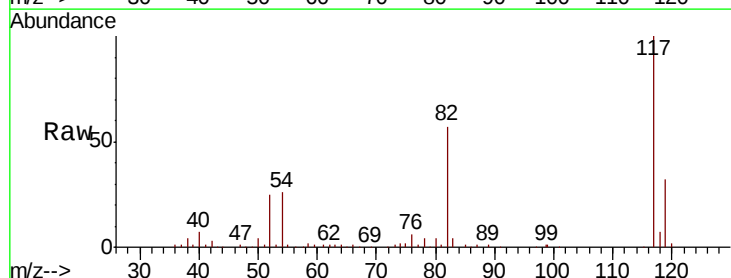
Tgt Ion: 117 Resp: 241798

Ion Ratio Lower Upper

117 100

82 57.4 43.6 65.4

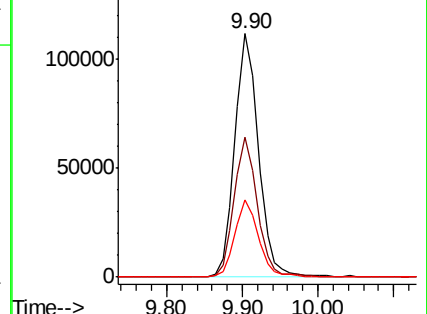
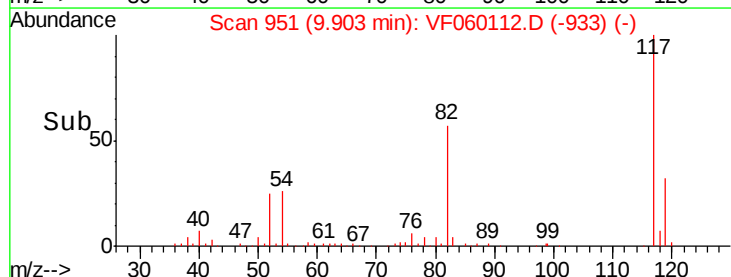
119 31.9 25.6 38.4

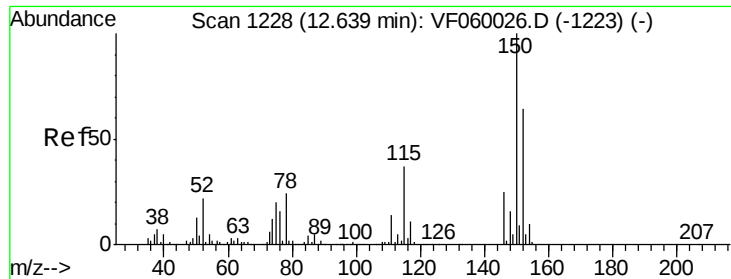


Abundance Ion 117.00 (116.70 to 117.70): V

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# 1227

Delta R.T. -0.02 min

Lab File: VF060112.D

Acq: 24 Aug 2018 20:54

Instrument :

MSVOA_F

ClientSampleId :

BU-03-082318

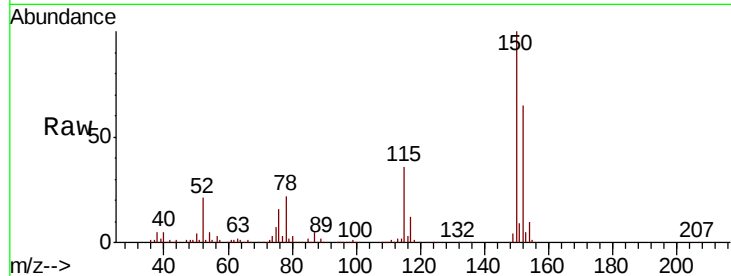
Tot Ion:152 Resp: 116008

Ion Ratio Lower Upper

152 100

115 54.6 28.6 85.9

150 153.6 0.0 312.0



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

