

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092018\
 Data File : VF060300.D
 Acq On : 20 Sep 2018 13:45
 Operator : VA/AP
 Sample : J5002-01
 Misc : 11.08/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BACKFILL-12TH-AVE

Quant Time: Sep 21 09:23:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

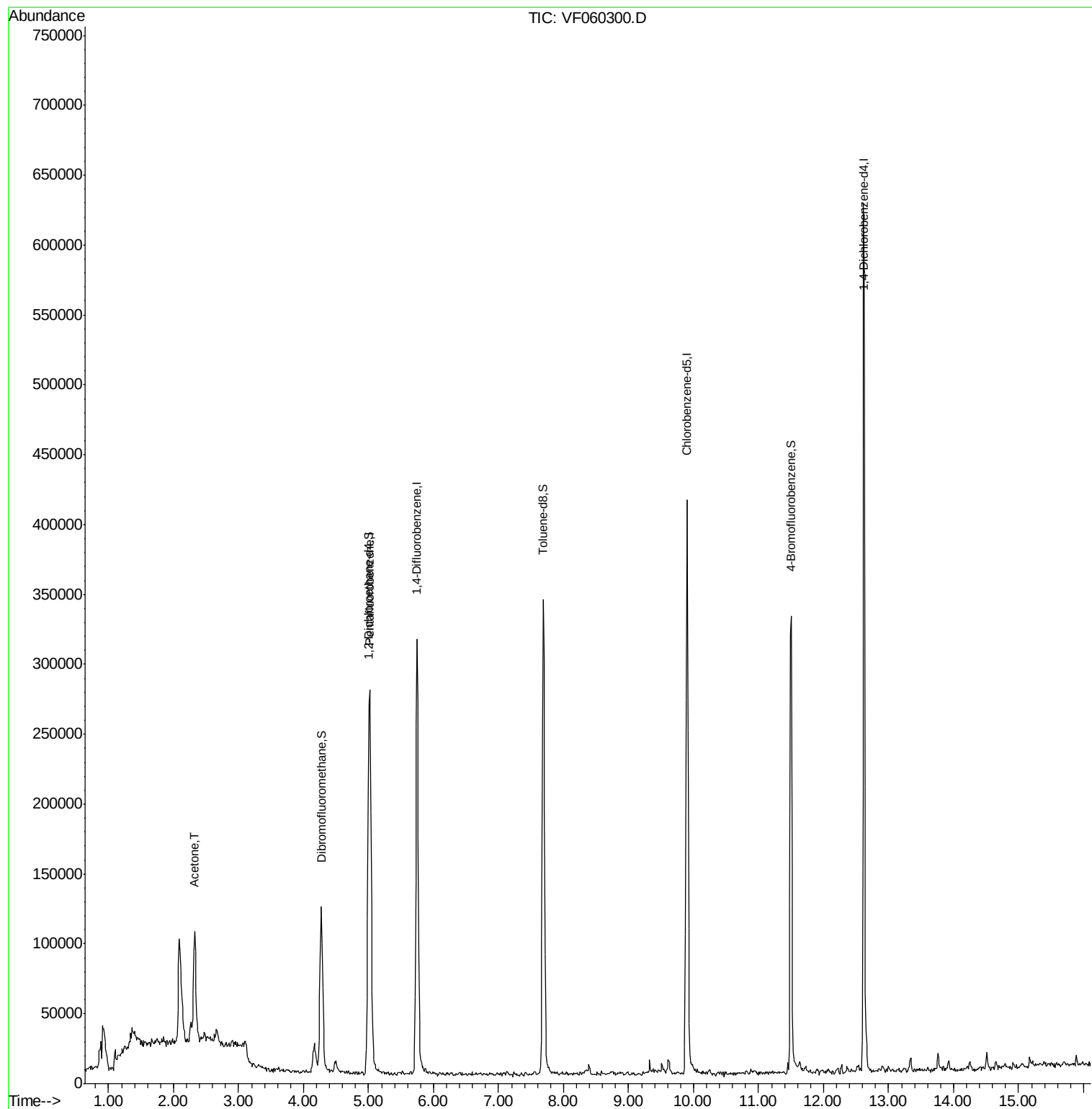
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	204310	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.74	114	329460	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	308664	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	163846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	112541	40.91	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.82%	
35) Dibromofluoromethane	4.28	113	108205	36.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.68%	
50) Toluene-d8	7.69	98	283248	37.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.06%	
62) 4-Bromofluorobenzene	11.49	95	124364	37.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.24%	
Target Compounds						
16) Acetone	2.32	43	130710	168.708	ug/l	Qvalue 94

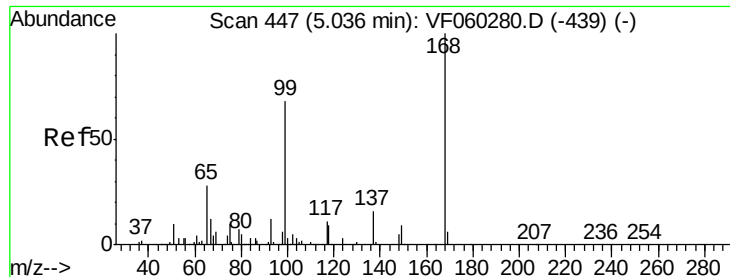
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060300.D

Acq: 20 Sep 2018 13:45

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ClientSampleId :

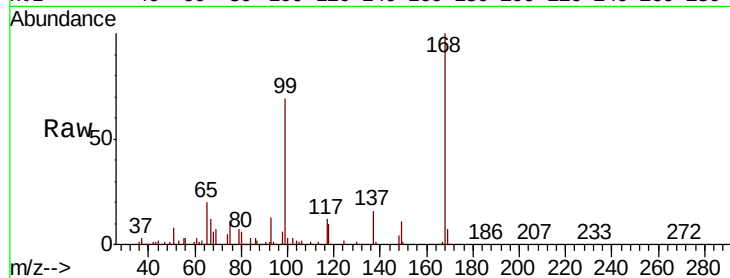
BACKFILL-12TH-AVE

Tot Ion:168 Resp: 204310

Ion Ratio Lower Upper

168 100

99 69.1 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

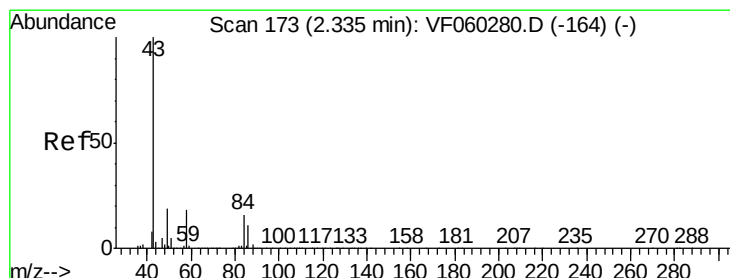
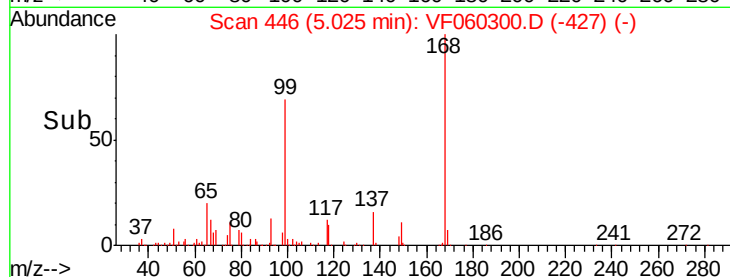
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 168.708 ug/l

RT: 2.32 min Scan# 172

Delta R.T. -0.01 min

Lab File: VF060300.D

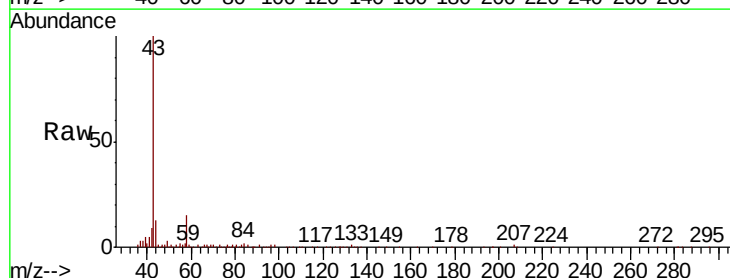
Acq: 20 Sep 2018 13:45

Tgt Ion: 43 Resp: 130710

Ion Ratio Lower Upper

43 100

58 15.4 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

60000

50000

40000

30000

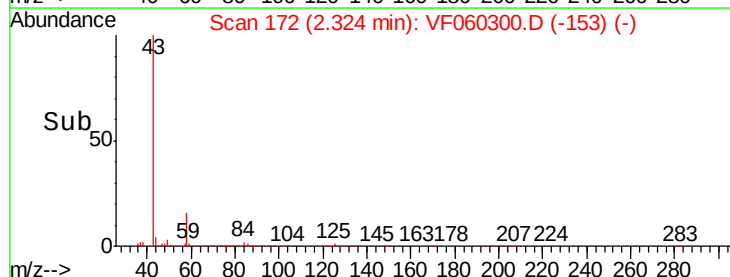
20000

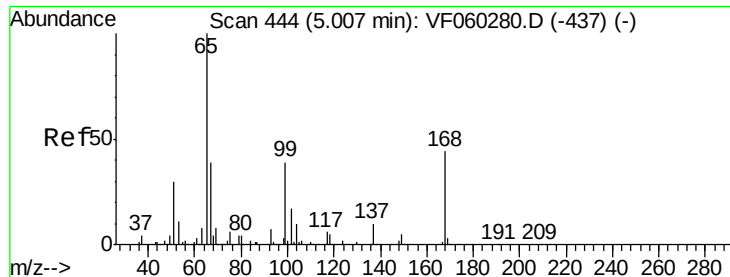
10000

0

2.30 2.40

Time-->

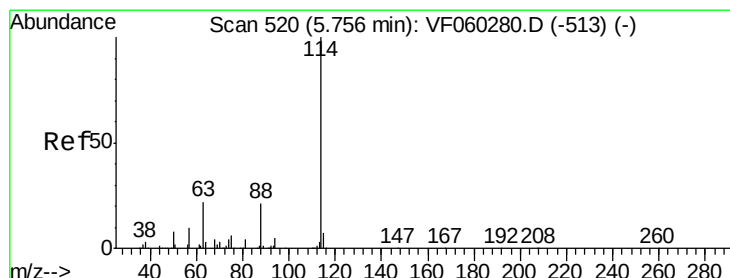
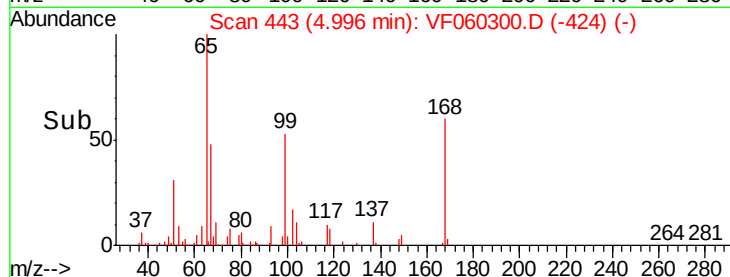
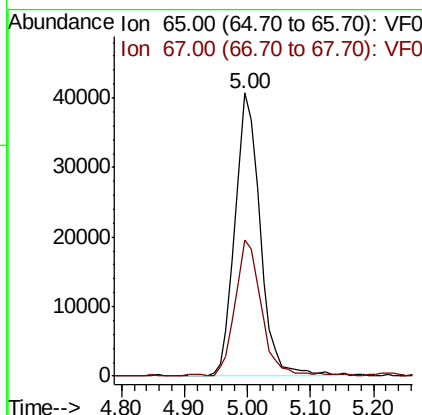
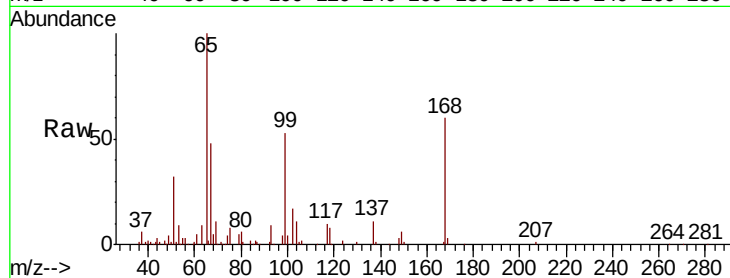




#33
 1,2-Dichloroethane-d4
 Concen: 40.908 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: VF060300.D
 Acq: 20 Sep 2018 13:45

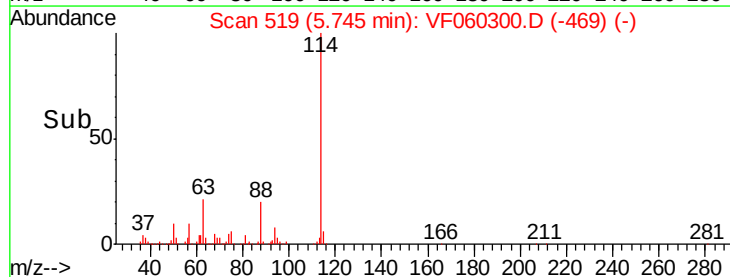
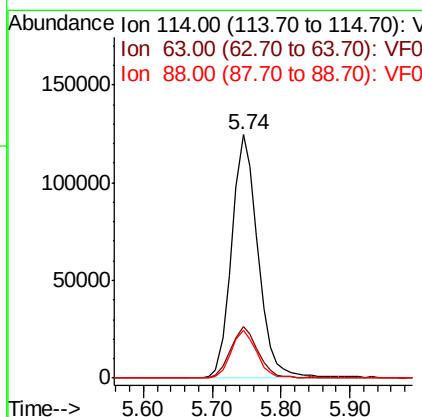
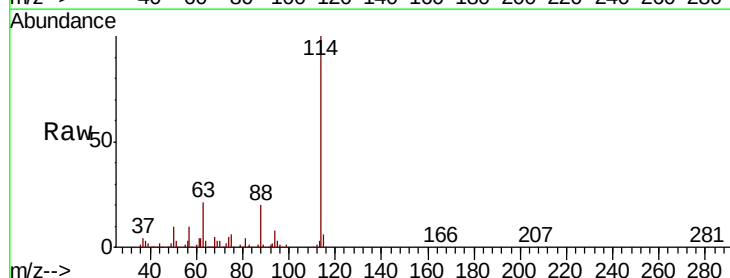
Instrument :
 MSVOA_F
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 BACKFILL-12TH-AVE

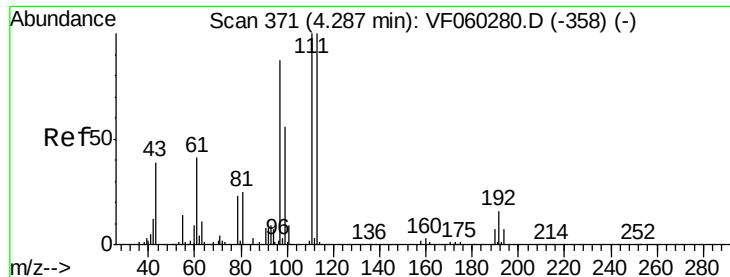
Tot Ion: 65 Resp: 112541
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 94.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.74 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: VF060300.D
 Acq: 20 Sep 2018 13:45

Tgt Ion: 114 Resp: 329460
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.8
 88 19.7 0.0 41.2

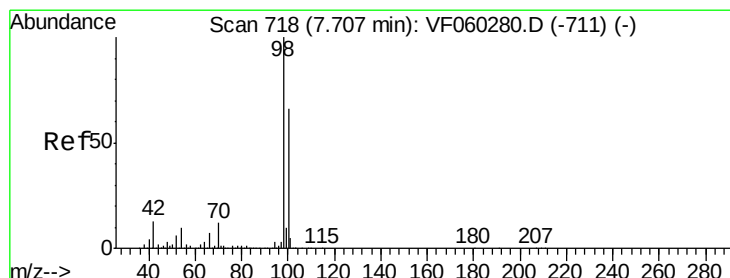
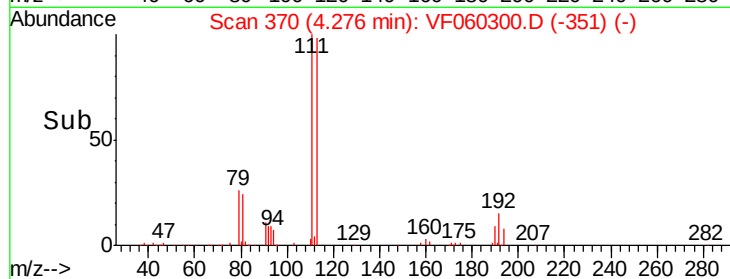
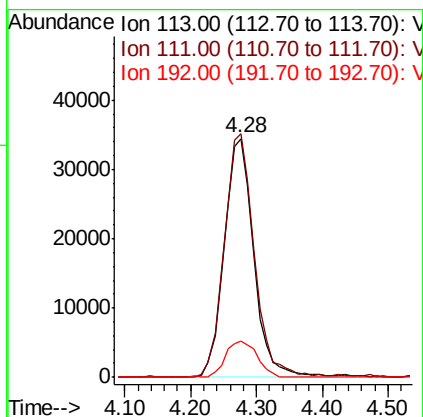
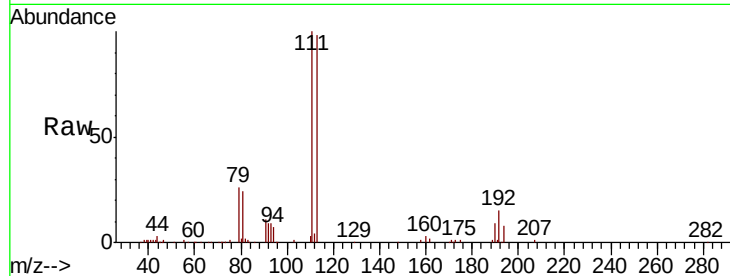




#35
 Dibromofluoromethane
 Concen: 36.843 ug/l
 RT: 4.28 min Scan# 370
 Delta R.T. -0.01 min
 Lab File: VF060300.D
 Acq: 20 Sep 2018 13:45

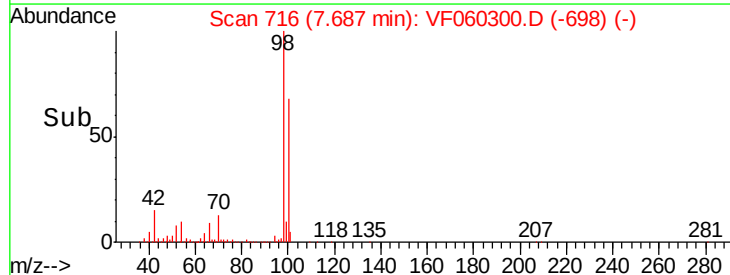
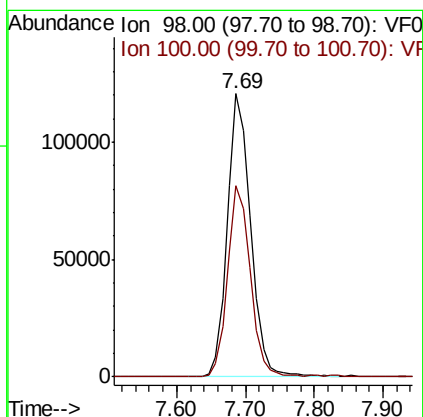
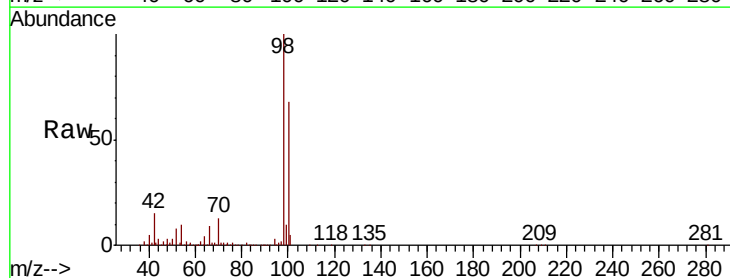
Instrument :
 MSVOA_F
 ClientSampleId :
 BACKFILL-12TH-AVE

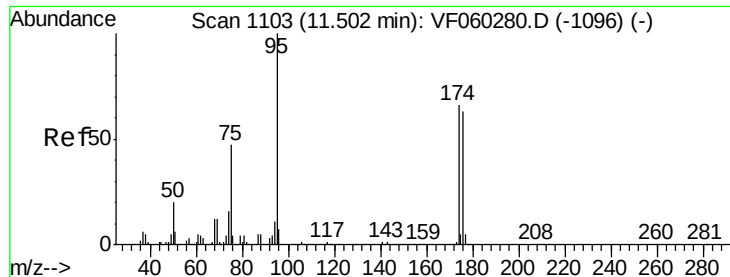
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	79.6	119.4
192	15.2	13.0	19.6



#50
 Toluene-d8
 Concen: 37.034 ug/l
 RT: 7.69 min Scan# 716
 Delta R.T. -0.02 min
 Lab File: VF060300.D
 Acq: 20 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 37.616 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VF060300.D

Acq: 20 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

BACKFILL-12TH-AVE

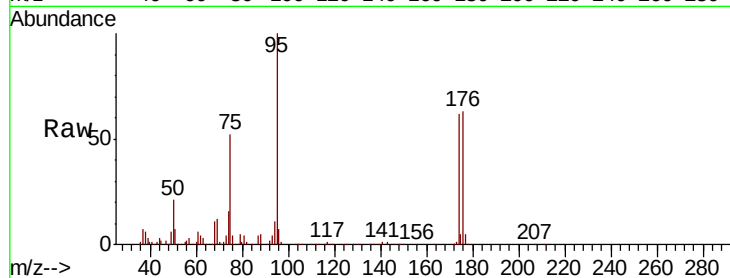
Tot Ion: 95 Resp: 124364

Ion Ratio Lower Upper

95 100

174 62.0 0.0 131.2

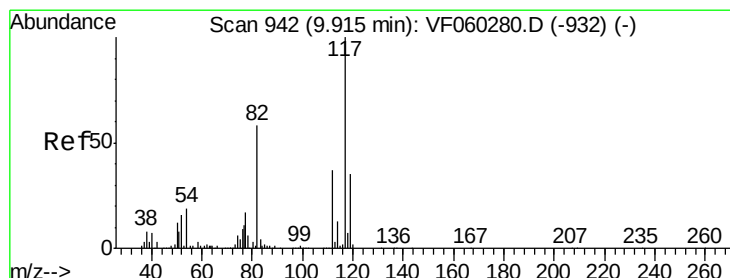
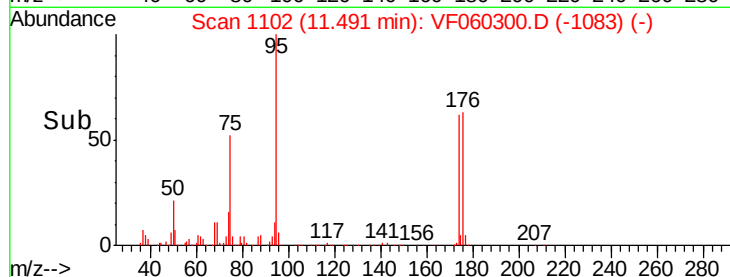
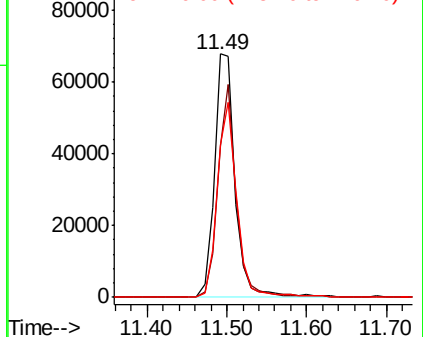
176 62.9 0.0 126.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 941

Delta R.T. -0.01 min

Lab File: VF060300.D

Acq: 20 Sep 2018 13:45

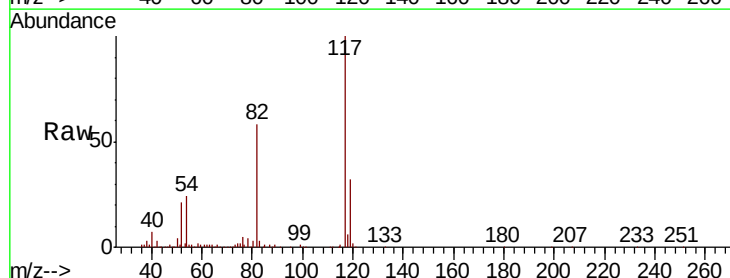
Tgt Ion: 117 Resp: 308664

Ion Ratio Lower Upper

117 100

82 57.5 46.2 69.2

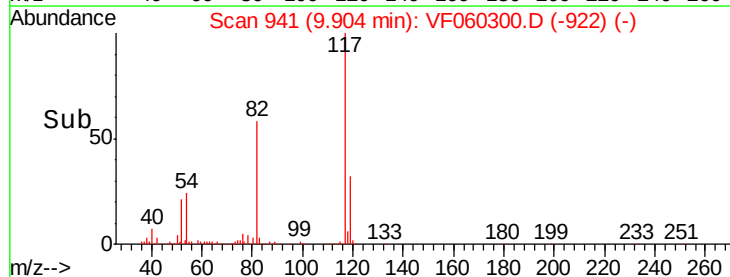
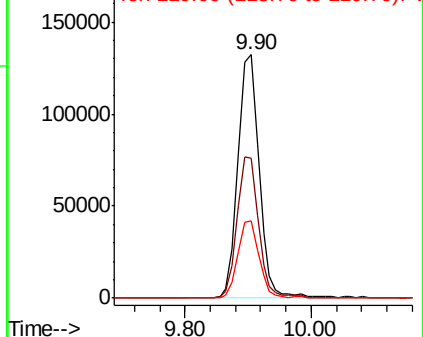
119 31.6 27.8 41.6

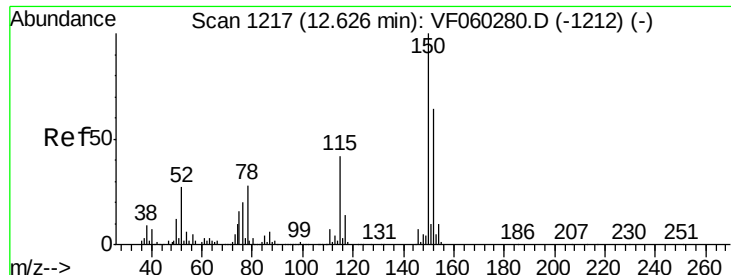


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VF060300.D

Acq: 20 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

BACKFILL-12TH-AVE

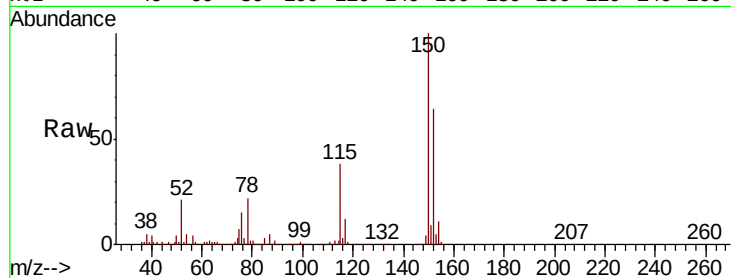
Tot Ion:152 Resp: 163846

Ion Ratio Lower Upper

152 100

115 59.9 32.6 97.8

150 156.6 0.0 314.2



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

