

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092518\
 Data File : VF060335.D
 Acq On : 25 Sep 2018 20:03
 Operator : VA/AP
 Sample : J4779-07
 Misc : 6.12/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-092418-B

Quant Time: Sep 26 03:00:24 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

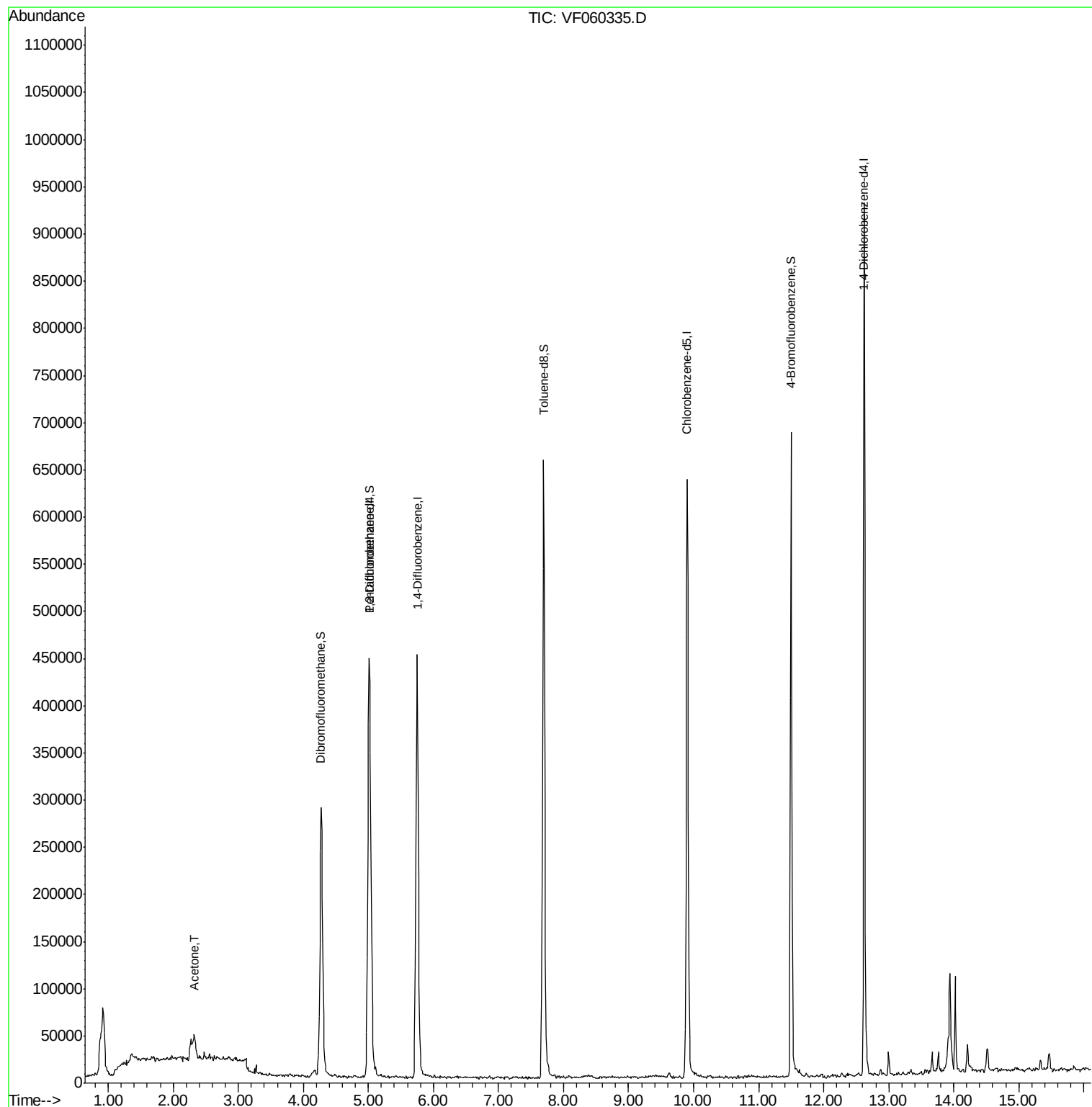
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	272444	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	481246	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	439278	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	222170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	245520	66.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.86%	
35) Dibromofluoromethane	4.27	113	259143	60.41	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.82%	
50) Toluene-d8	7.69	98	552147	49.42	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.50	95	241731	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
Target Compounds						
16) Acetone	2.33	43	21718	21.021	ug/l	Qvalue 93

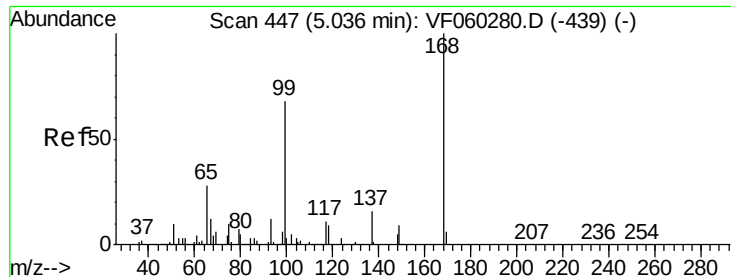
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.01 min

Lab File: VF060335.D

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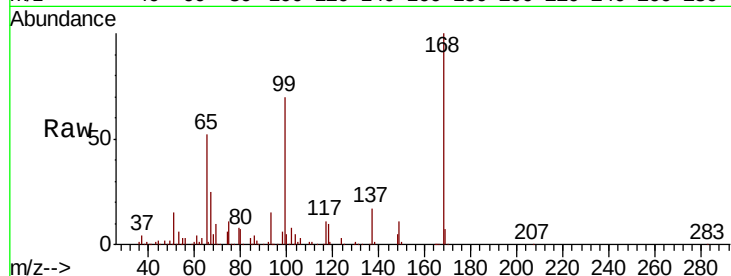
SU-02-092418-B

Tot Ion:168 Resp: 272444

Ion Ratio Lower Upper

168 100

99 70.1 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

100000

80000

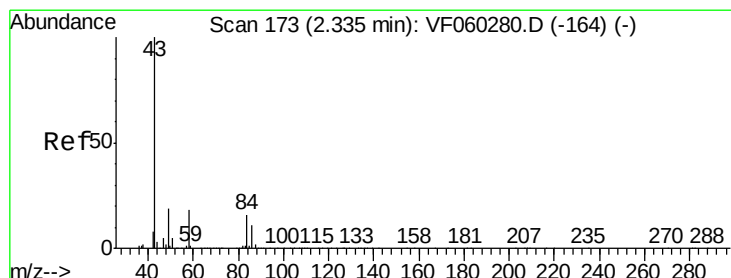
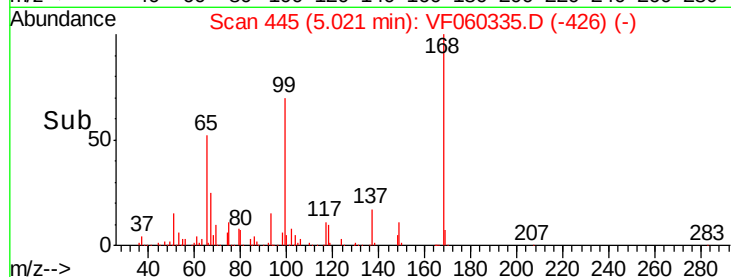
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 21.021 ug/l

RT: 2.33 min Scan# 172

Delta R.T. -0.01 min

Lab File: VF060335.D

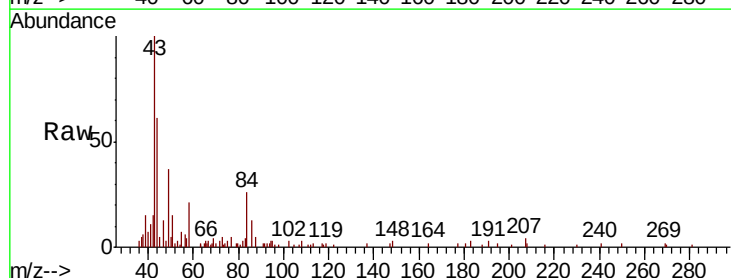
Acq: 25 Sep 2018 20:03

Tgt Ion: 43 Resp: 21718

Ion Ratio Lower Upper

43 100

58 21.3 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

10000

8000

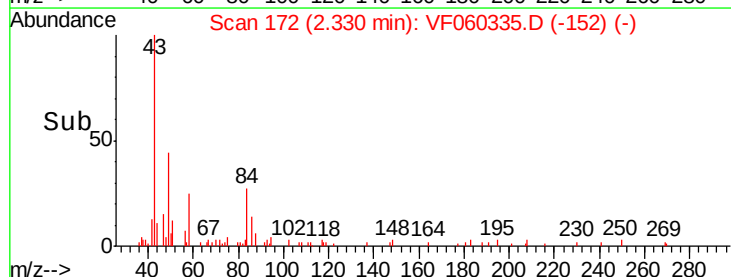
6000

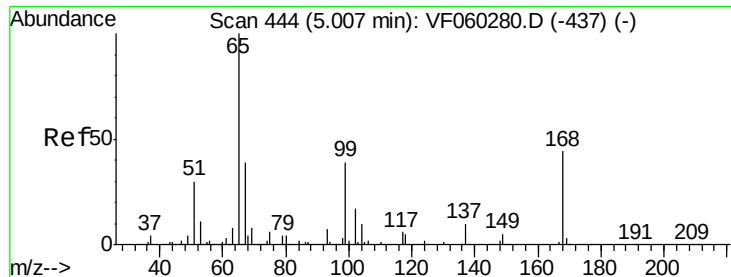
4000

2000

0

Time-->

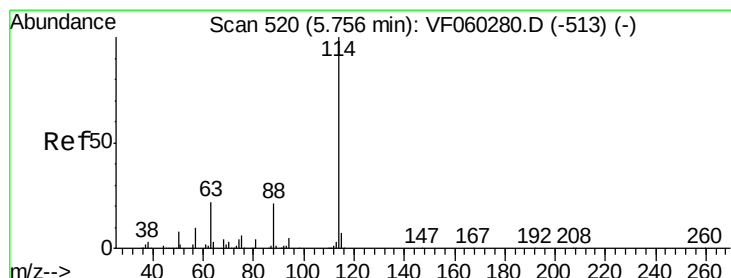
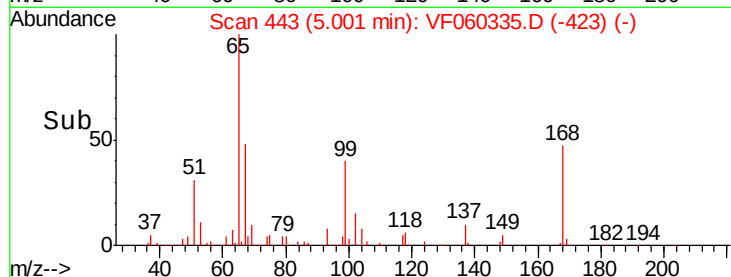
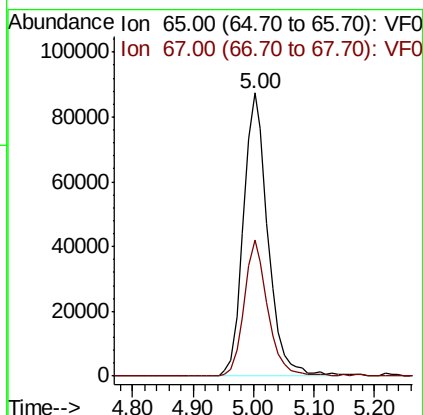
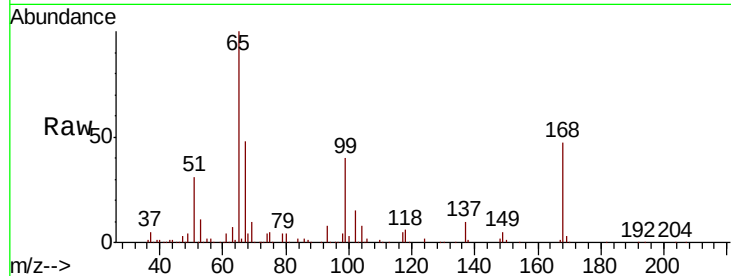




#33
 1,2-Dichloroethane-d4
 Concen: 66.926 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: VF060335.D
 Acq: 25 Sep 2018 20:03

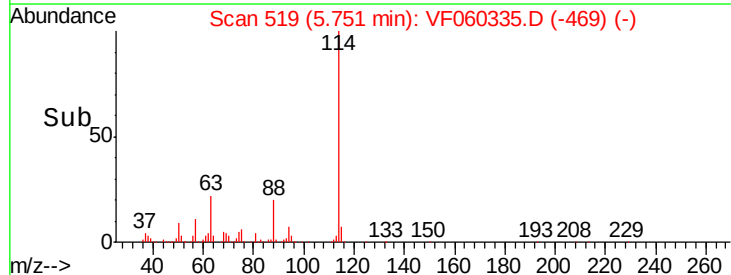
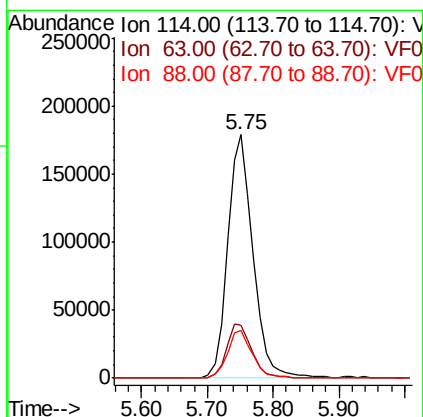
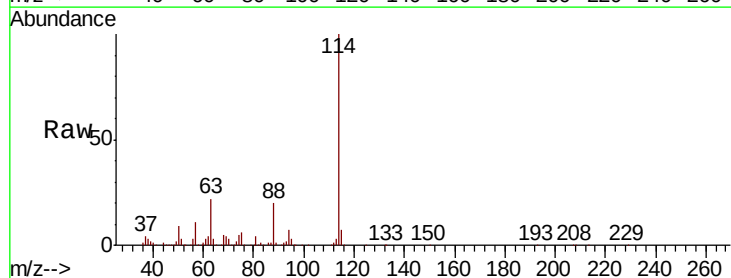
Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-092418-B

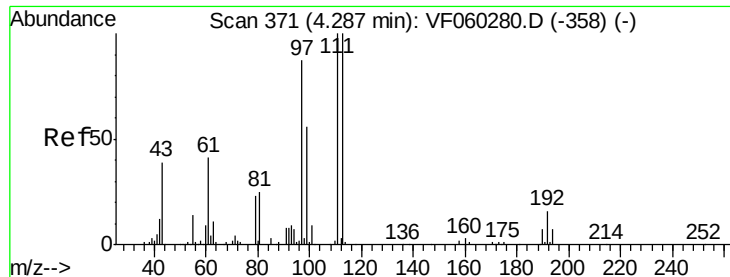
Tot Ion: 65 Resp: 245520
 Ion Ratio Lower Upper
 65 100
 67 48.2 0.0 94.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: VF060335.D
 Acq: 25 Sep 2018 20:03

Tgt Ion: 114 Resp: 481246
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.8
 88 19.7 0.0 41.2





#35

Dibromofluoromethane

Concen: 60.407 ug/l

RT: 4.27 min Scan# 369

Delta R.T. -0.01 min

Lab File: VF060335.D

Acq: 25 Sep 2018 20:03

Instrument :

MSVOA_F

ClientSampleId :

SU-02-092418-B

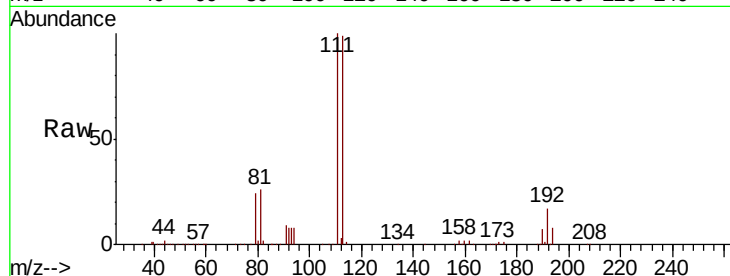
Tot Ion:113 Resp: 259143

Ion Ratio Lower Upper

113 100

111 100.6 79.6 119.4

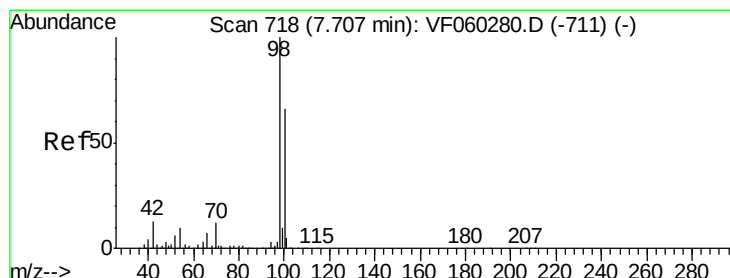
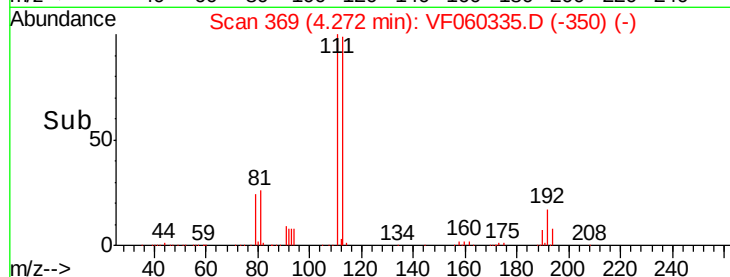
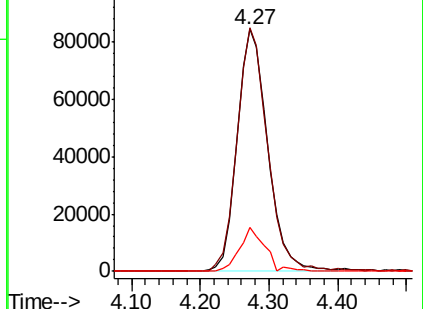
192 18.0 13.0 19.6



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: 49.422 ug/l

RT: 7.69 min Scan# 716

Delta R.T. -0.01 min

Lab File: VF060335.D

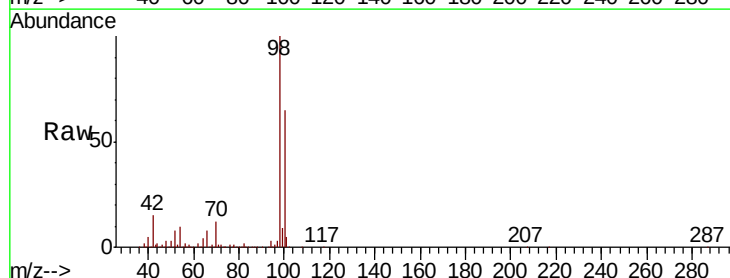
Acq: 25 Sep 2018 20:03

Tgt Ion: 98 Resp: 552147

Ion Ratio Lower Upper

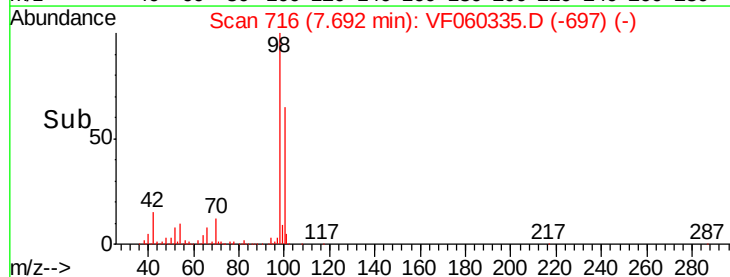
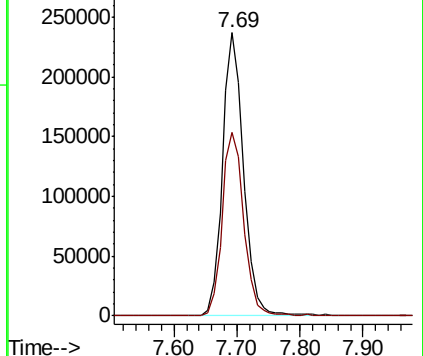
98 100

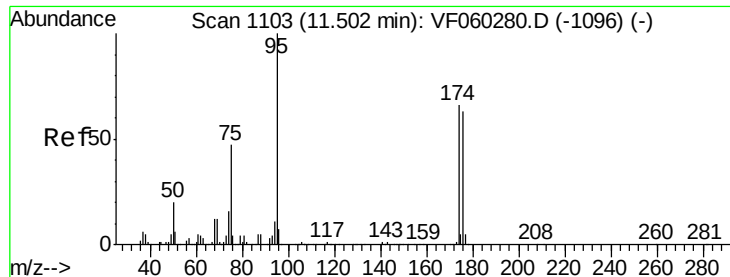
100 64.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 50.055 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VF060335.D

Acq: 25 Sep 2018 20:03

Instrument :

MSVOA_F

ClientSampleId :

SU-02-092418-B

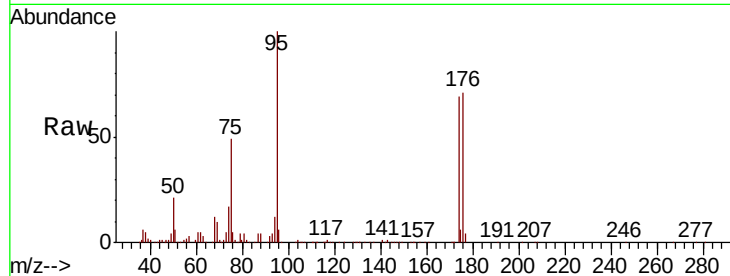
Tot Ion: 95 Resp: 241731

Ion Ratio Lower Upper

95 100

174 69.2 0.0 131.2

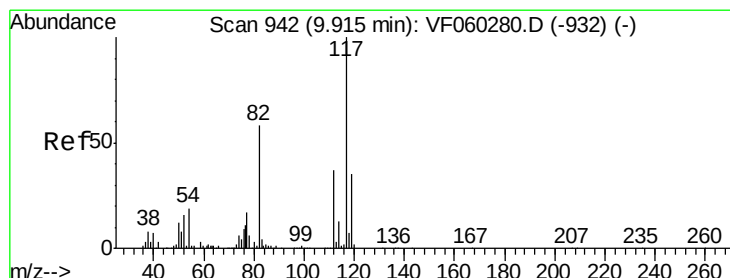
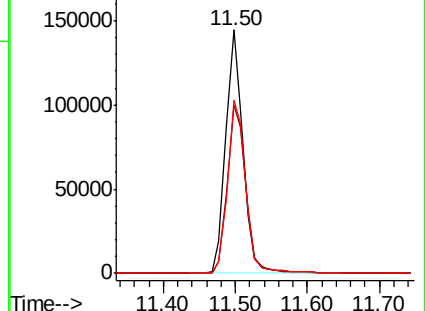
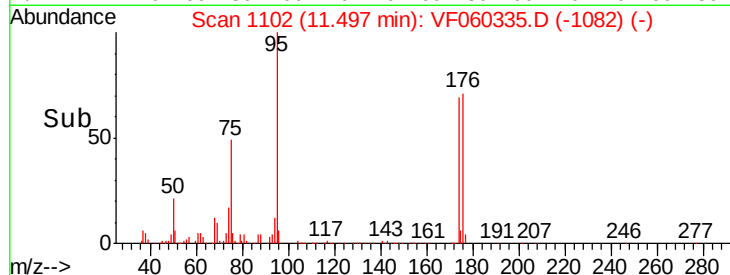
176 71.0 0.0 126.6



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: 50.000 ug/l

RT: 9.90 min Scan# 940

Delta R.T. -0.01 min

Lab File: VF060335.D

Acq: 25 Sep 2018 20:03

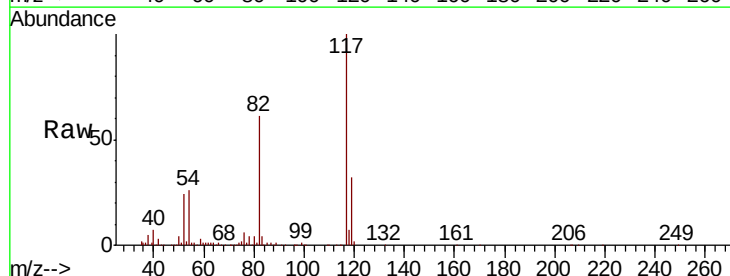
Tgt Ion: 117 Resp: 439278

Ion Ratio Lower Upper

117 100

82 60.9 46.2 69.2

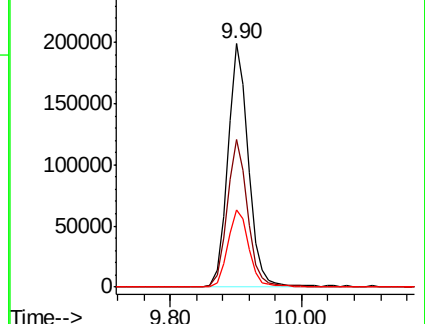
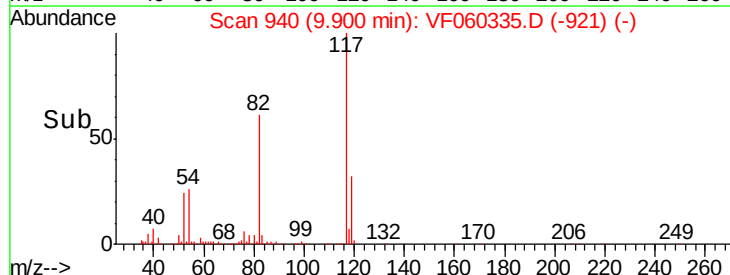
119 31.9 27.8 41.6

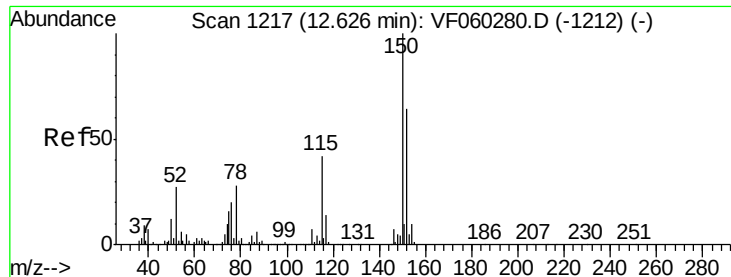


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VF060335.D

Acq: 25 Sep 2018 20:03

Instrument :

MSVOA_F

ClientSampleId :

SU-02-092418-B

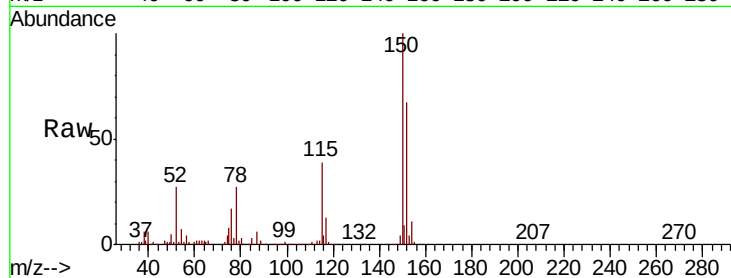
Tot Ion:152 Resp: 222170

Ion Ratio Lower Upper

152 100

115 58.3 32.6 97.8

150 150.2 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

