

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060056.D
 Acq On : 23 Aug 2018 16:37
 Operator : VA/AP
 Sample : J4283-03RE
 Misc : 6.77g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TR-05-082118RE

Quant Time: Aug 24 03:42:56 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	5.04	168	180047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	269962	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	135605	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	116590	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	150337	61.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.02%	
35) Dibromofluoromethane	4.30	113	131850	62.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.40%	
50) Toluene-d8	7.71	98	130935	21.75	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	43.50%	
62) 4-Bromofluorobenzene	11.51	95	137113	43.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.10%	

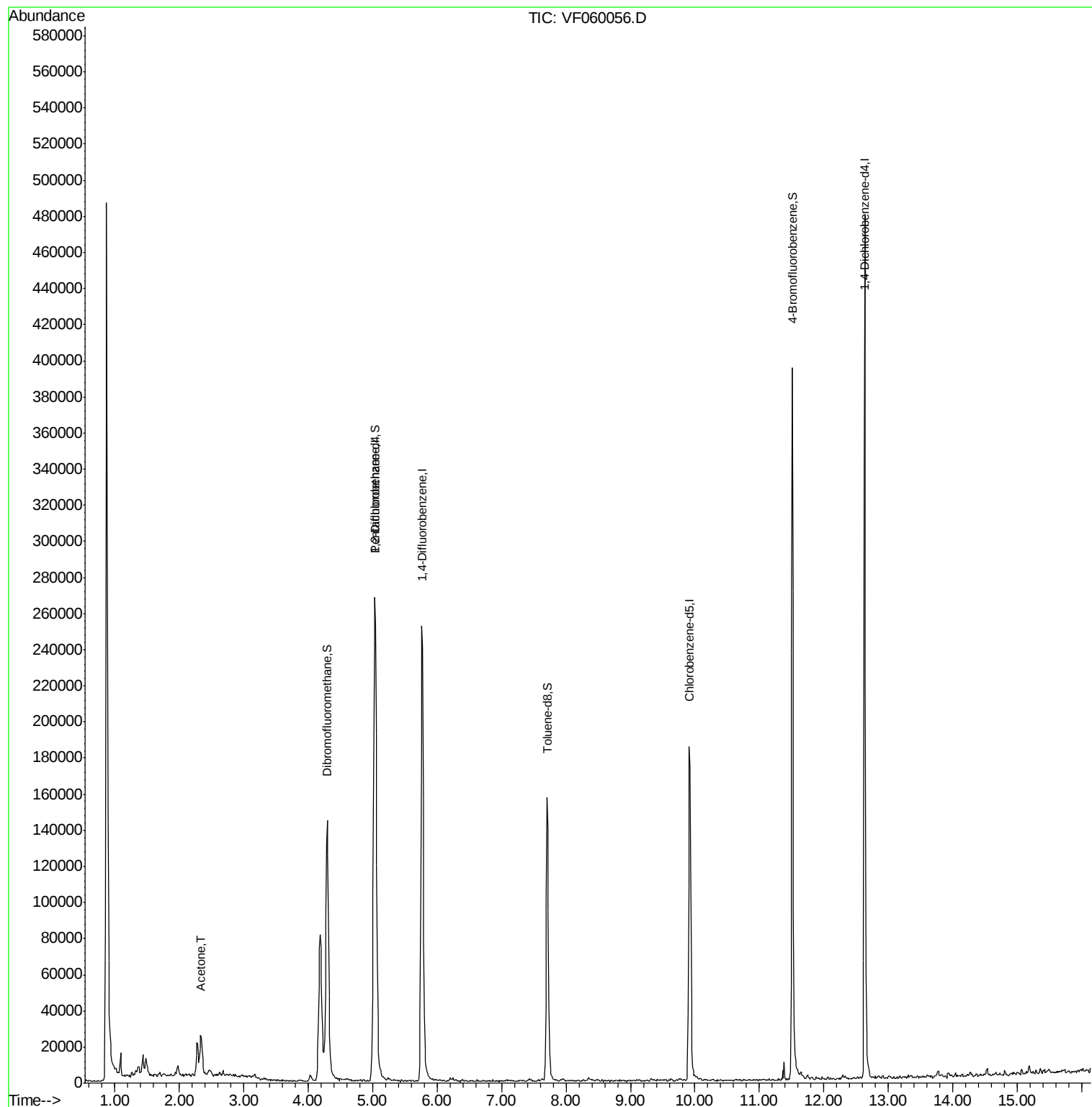
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	33317	51.44	ug/l	94

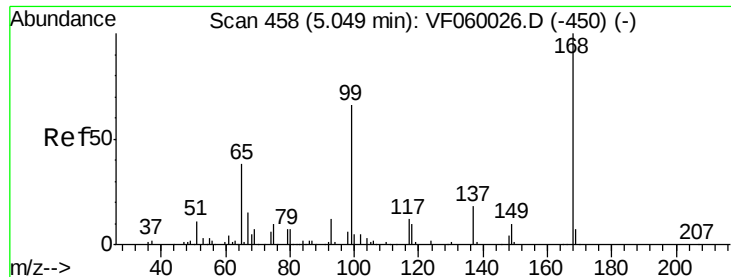
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF060056.D

Acq: 23 Aug 2018 16:37

Instrument :

MSVOA_F

ClientSampleId :

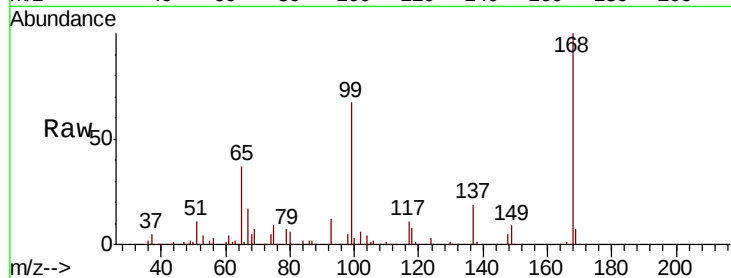
TR-05-082118RE

Tot Ion:168 Resp: 180047

Ion Ratio Lower Upper

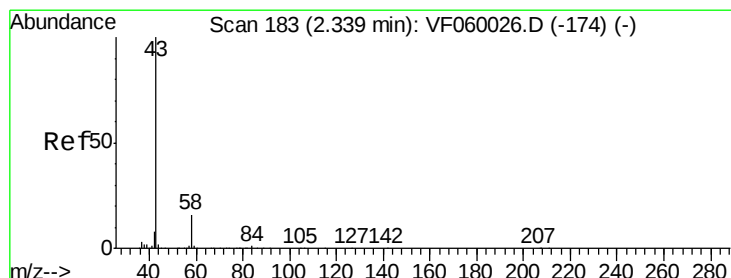
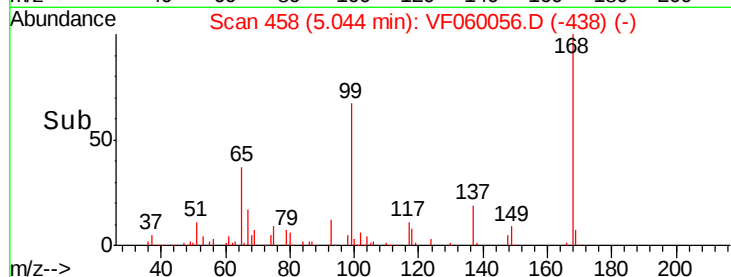
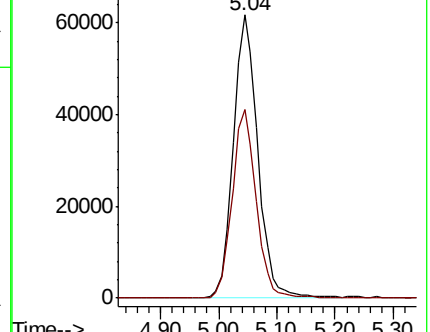
168 100

99 66.7 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 51.44 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF060056.D

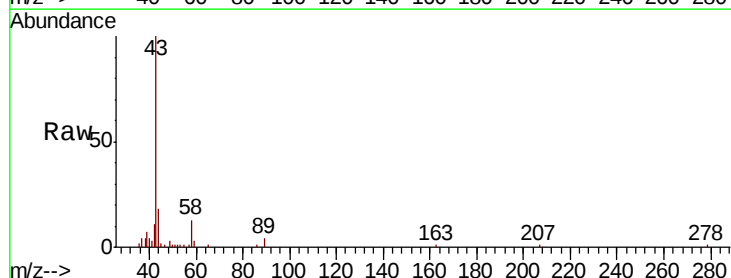
Acq: 23 Aug 2018 16:37

Tgt Ion: 43 Resp: 33317

Ion Ratio Lower Upper

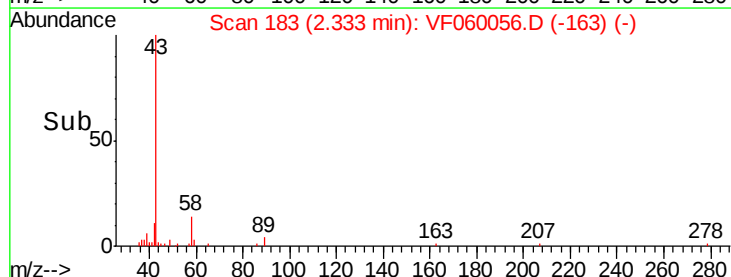
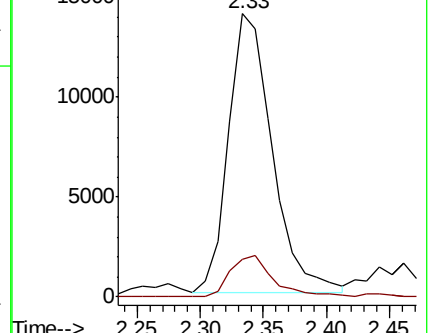
43 100

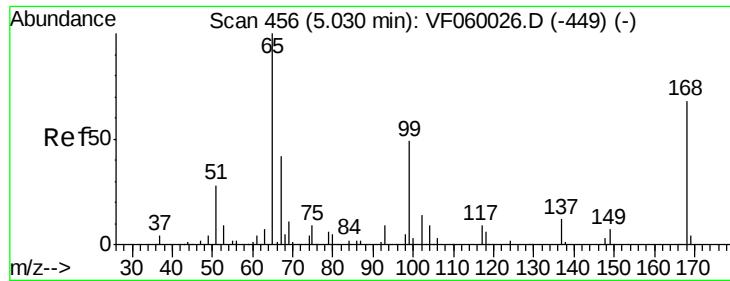
58 13.3 12.6 19.0



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: 61.01 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF060056.D

Acq: 23 Aug 2018 16:37

Instrument :

MSVOA_F

ClientSampleId :

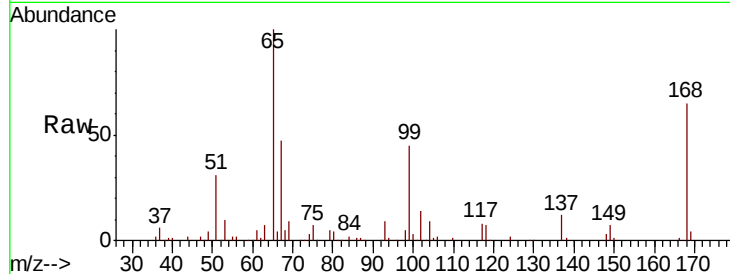
TR-05-082118RE

Tot Ion: 65 Resp: 150337

Ion Ratio Lower Upper

65 100

67 46.7 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

60000

50000

40000

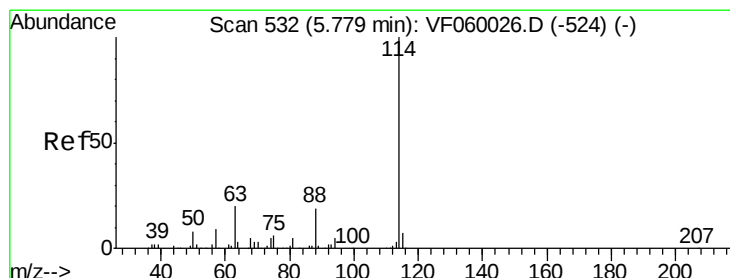
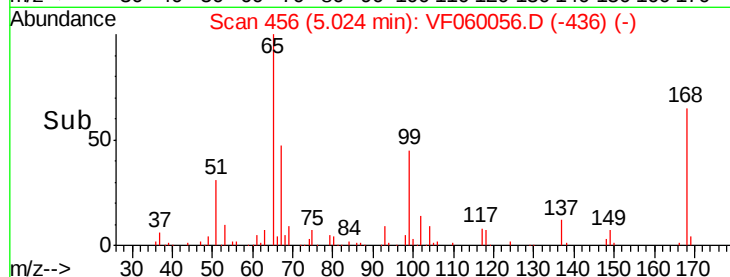
30000

20000

10000

0

Time--> 4.80 4.90 5.00 5.10 5.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF060056.D

Acq: 23 Aug 2018 16:37

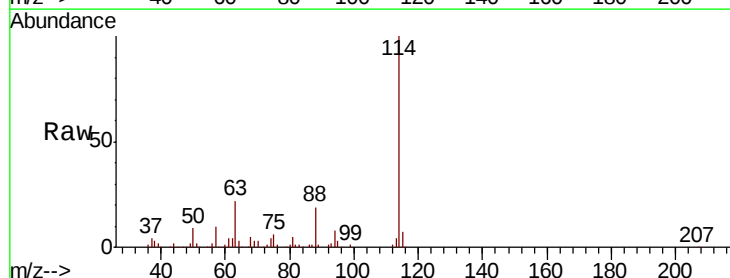
Tgt Ion: 114 Resp: 269962

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.4

88 19.0 0.0 38.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

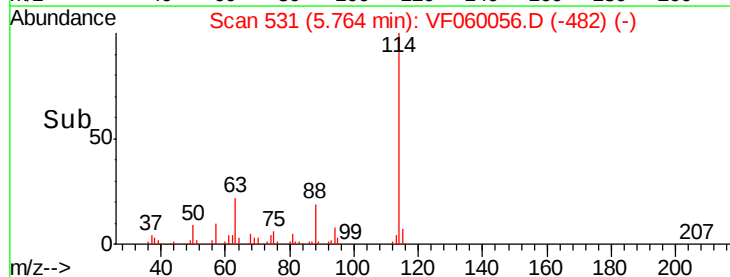
5.76

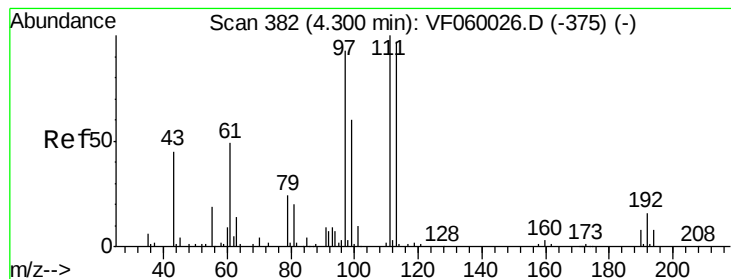
100000

50000

0

Time--> 5.60 5.70 5.80 5.90 6.00





#35

Dibromofluoromethane

Concen: 62.20 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF060056.D

Acq: 23 Aug 2018 16:37

Instrument :

MSVOA_F

ClientSampleId :

TR-05-082118RE

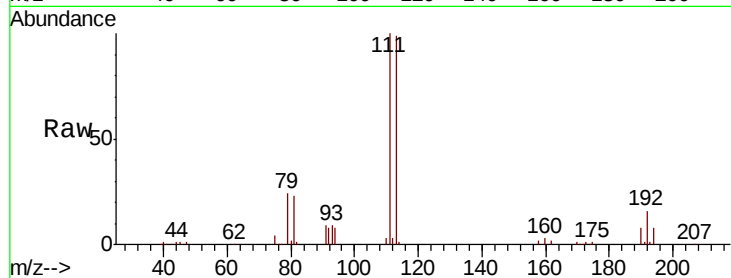
Tot Ion:113 Resp: 131850

Ion Ratio Lower Upper

113 100

111 101.4 82.7 124.1

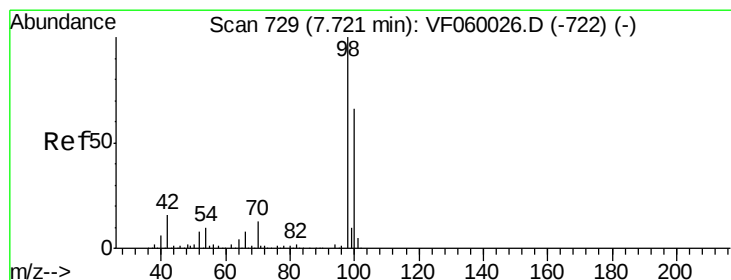
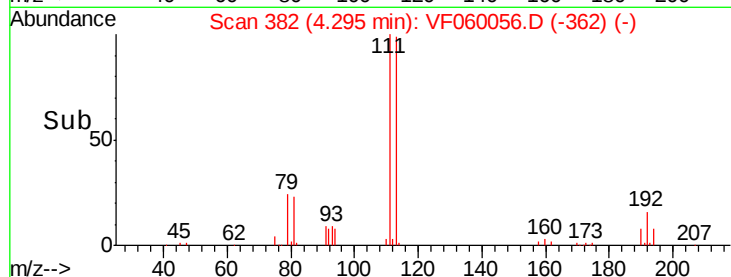
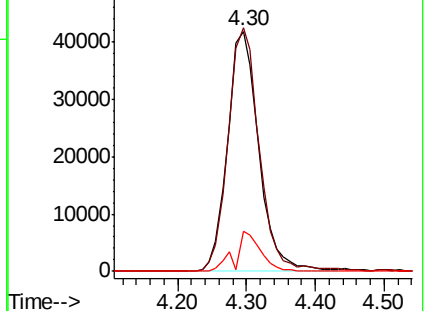
192 16.7 13.0 19.4



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: 21.75 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF060056.D

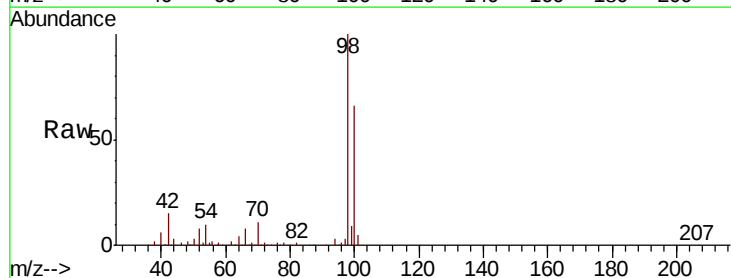
Acq: 23 Aug 2018 16:37

Tgt Ion: 98 Resp: 130935

Ion Ratio Lower Upper

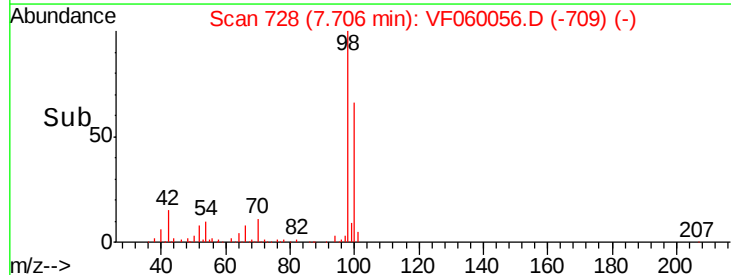
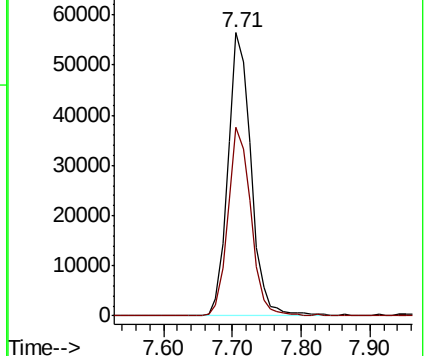
98 100

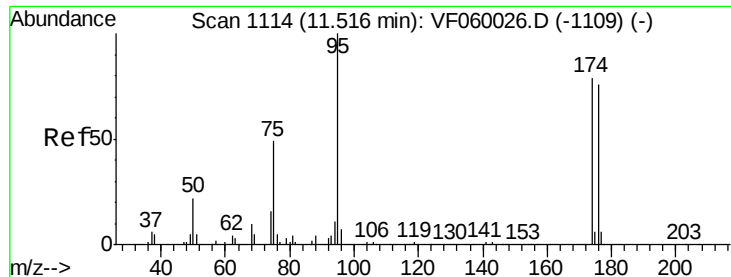
100 66.5 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 43.05 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.01 min

Lab File: VF060056.D

Acq: 23 Aug 2018 16:37

Instrument :

MSVOA_F

ClientSampleId :

TR-05-082118RE

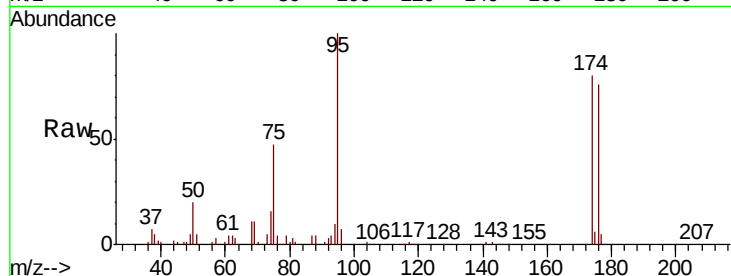
Tot Ion: 95 Resp: 137113

Ion Ratio Lower Upper

95 100

174 80.2 0.0 158.4

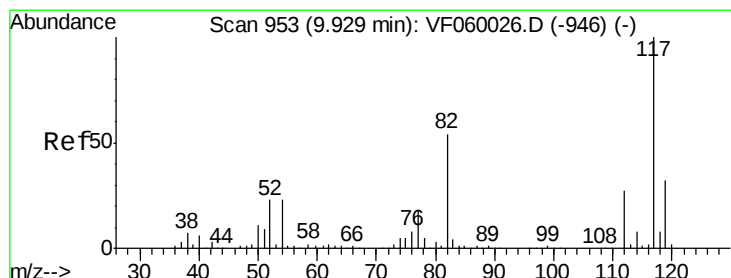
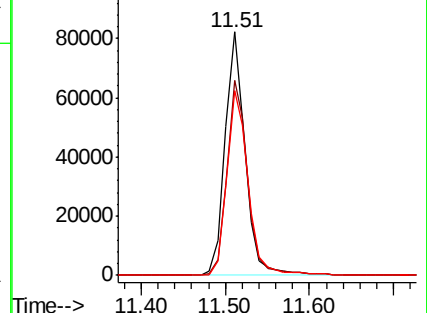
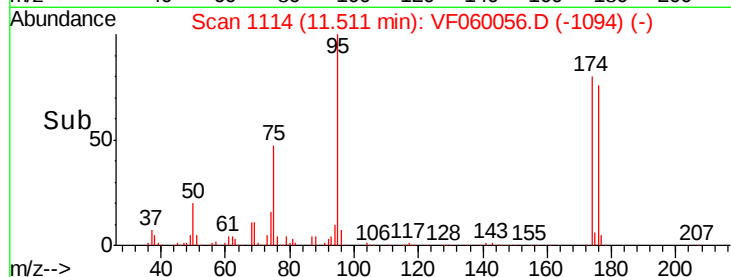
176 76.1 0.0 153.0



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: 9.91 min Scan# 952

Delta R.T. -0.01 min

Lab File: VF060056.D

Acq: 23 Aug 2018 16:37

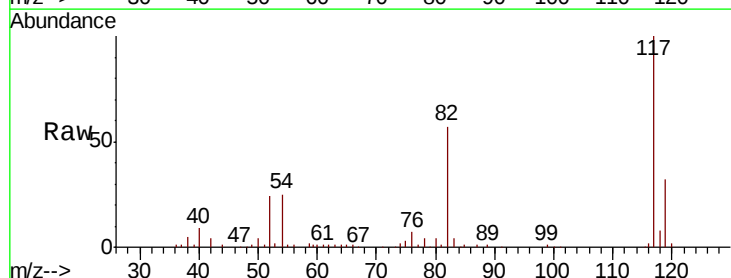
Tgt Ion: 117 Resp: 135605

Ion Ratio Lower Upper

117 100

82 56.6 43.6 65.4

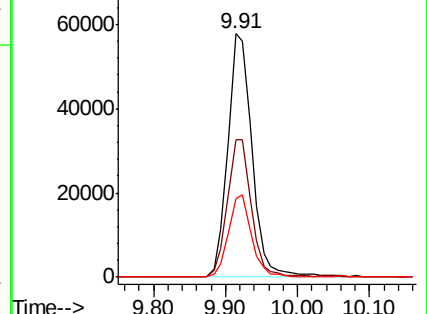
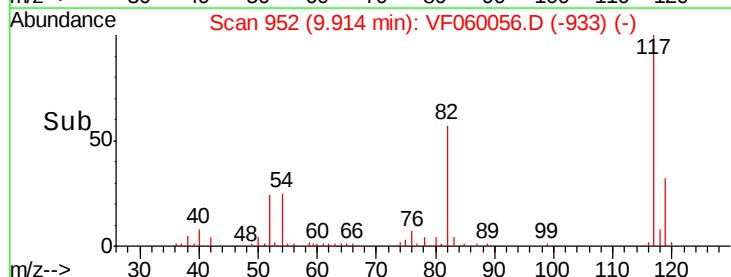
119 32.5 25.6 38.4

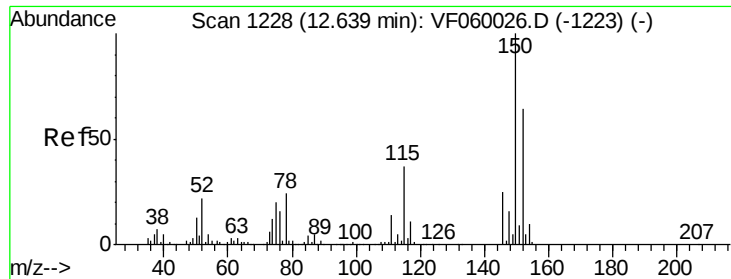


Abundance Ion 117.00 (116.70 to 117.70): V

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: 12.63 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF060056.D

Acq: 23 Aug 2018 16:37

Instrument :

MSVOA_F

ClientSampleId :

TR-05-082118RE

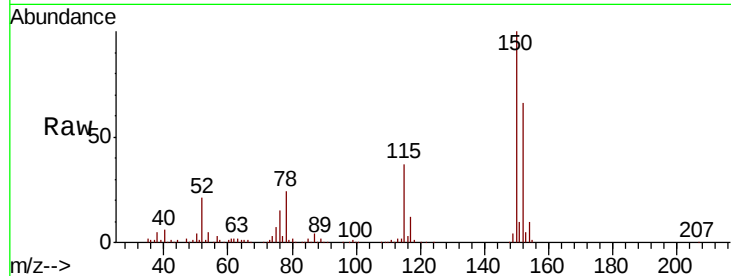
Tot Ion:152 Resp: 116590

Ion Ratio Lower Upper

152 100

115 56.1 28.6 85.9

150 152.3 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

