

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060058.D
 Acq On : 23 Aug 2018 17:33
 Operator : VA/AP
 Sample : J4555-02RE
 Misc : 5.21g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-3.5-4.0RE

Quant Time: Aug 24 03:50:21 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

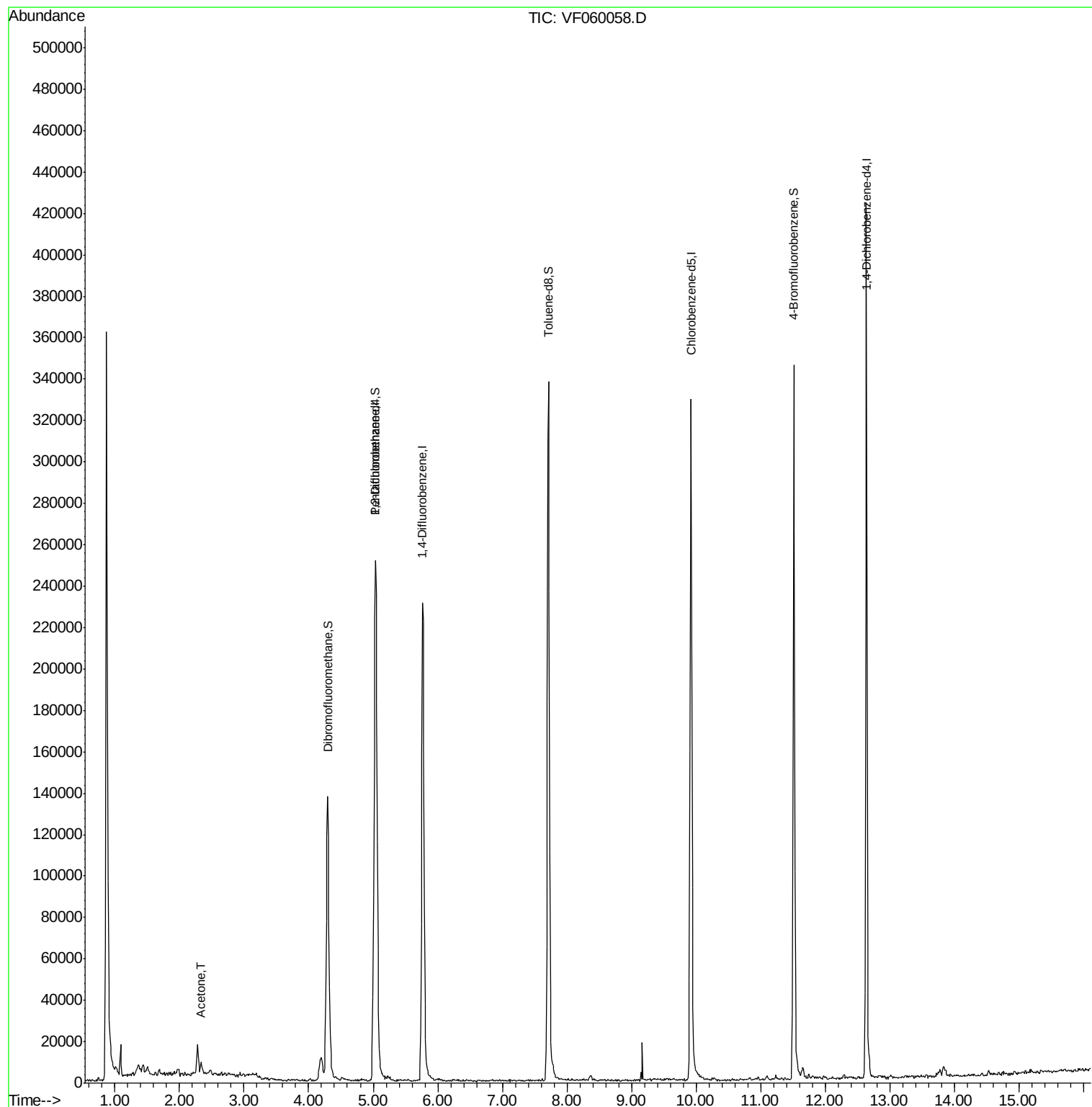
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	161778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	249790	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	235404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	102205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	144701	65.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.70%	
35) Dibromofluoromethane	4.29	113	121456	61.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.84%	
50) Toluene-d8	7.72	98	281975	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.51	95	118218	40.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.24%	
Target Compounds						
16) Acetone	2.33	43	8444	14.51	ug/l	Qvalue 93

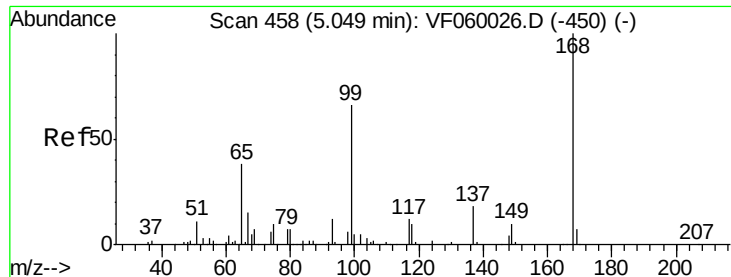
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060058.D

Acq: 23 Aug 2018 17:33

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MSVOA_F

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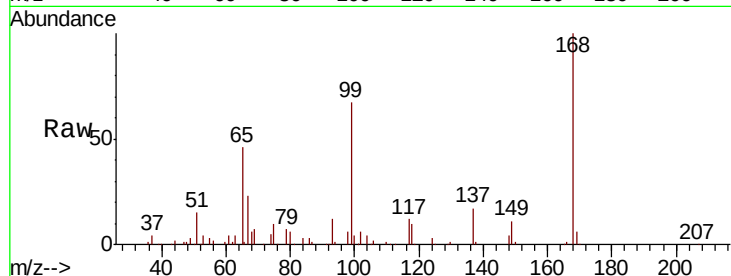
SB-02-3.5-4.0RE

Tot Ion:168 Resp: 161778

Ion Ratio Lower Upper

168 100

99 66.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

50000

40000

30000

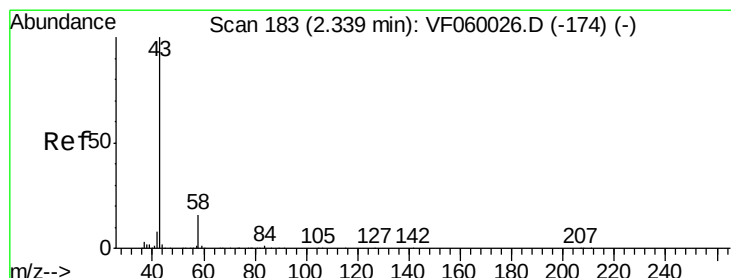
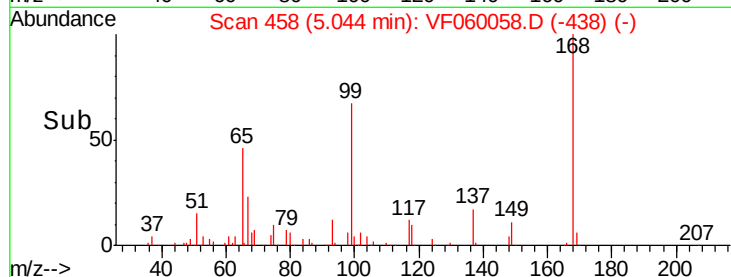
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 14.51 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF060058.D

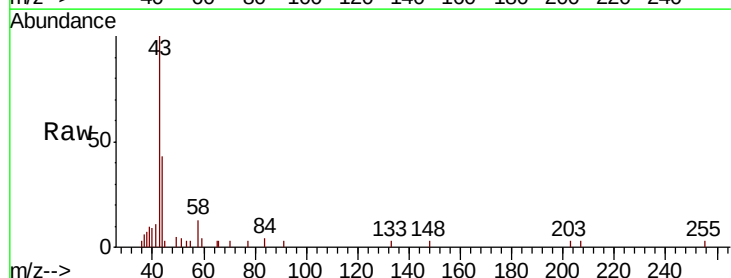
Acq: 23 Aug 2018 17:33

Tgt Ion: 43 Resp: 8444

Ion Ratio Lower Upper

43 100

58 13.0 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

4000

3000

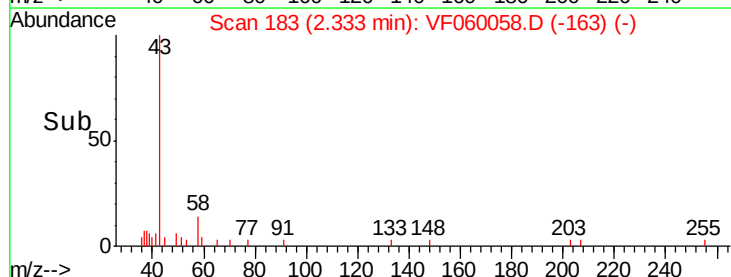
2000

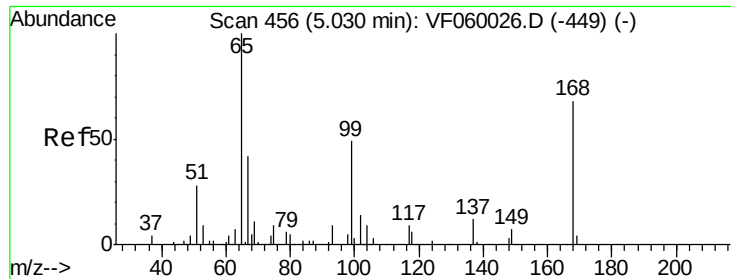
1000

0

2.30 2.40

Time-->

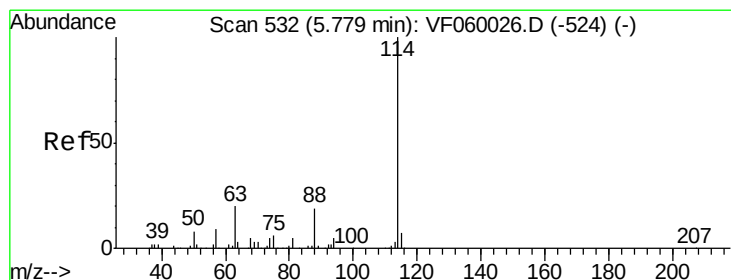
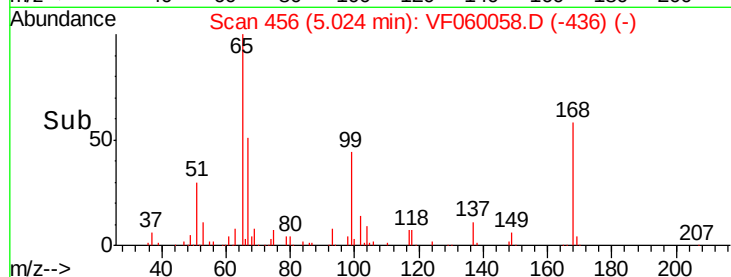
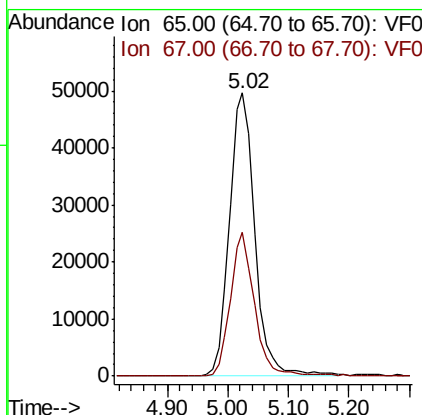
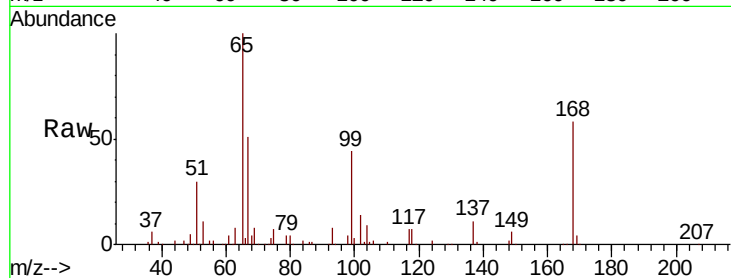




#33
 1,2-Dichloroethane-d4
 Concen: 65.35 ug/l
 RT: 5.02 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: VF060058.D
 Acq: 23 Aug 2018 17:33

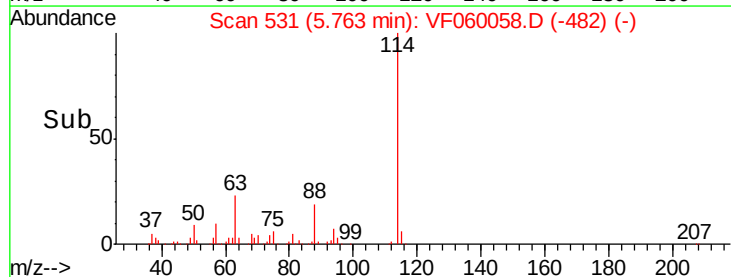
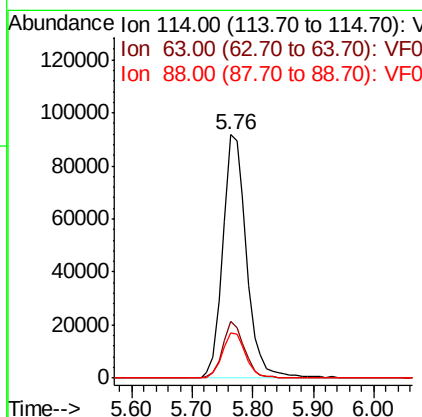
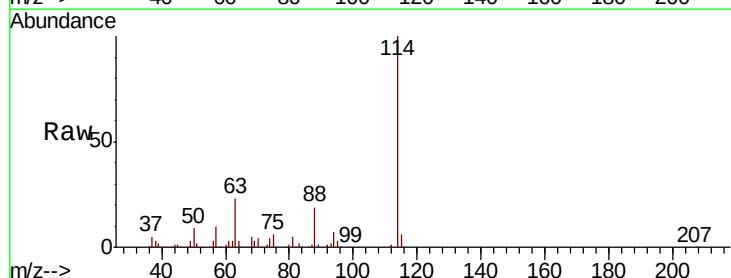
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-3.5-4.0RE

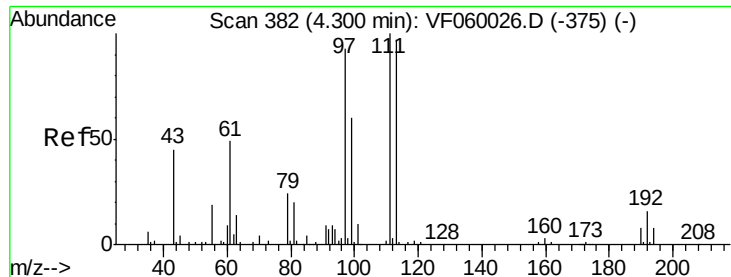
Tot Ion: 65 Resp: 144701
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VF060058.D
 Acq: 23 Aug 2018 17:33

Tgt Ion: 114 Resp: 249790
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 40.4
 88 18.5 0.0 38.6





#35

Dibromofluoromethane

Concen: 61.92 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF060058.D

Acq: 23 Aug 2018 17:33

Instrument :

MSVOA_F

ClientSampleId :

SB-02-3.5-4.0RE

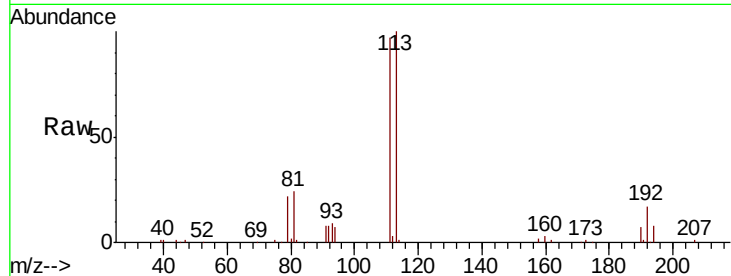
Tot Ion:113 Resp: 121456

Ion Ratio Lower Upper

113 100

111 97.3 82.7 124.1

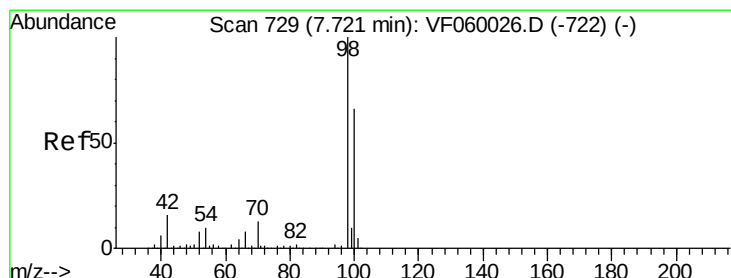
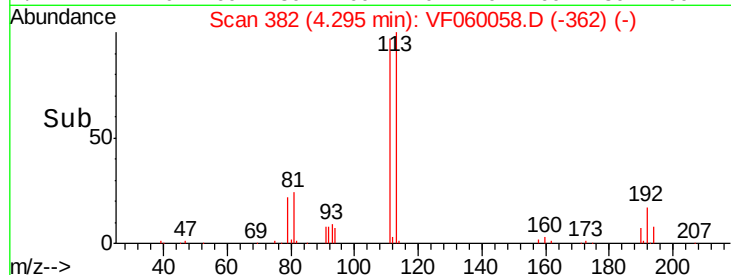
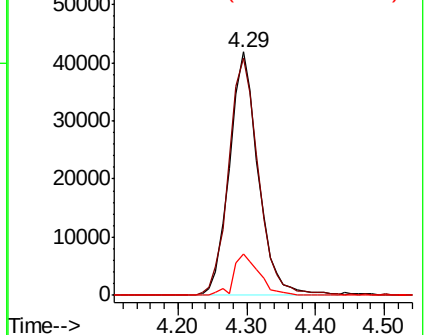
192 16.9 13.0 19.4



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: 50.62 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.01 min

Lab File: VF060058.D

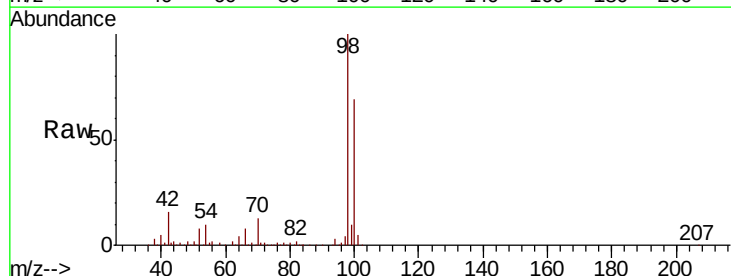
Acq: 23 Aug 2018 17:33

Tgt Ion: 98 Resp: 281975

Ion Ratio Lower Upper

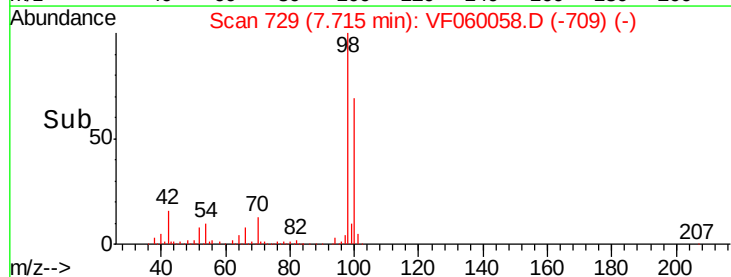
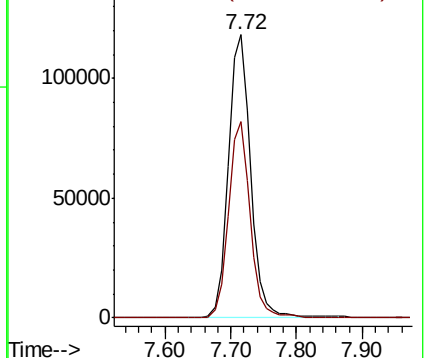
98 100

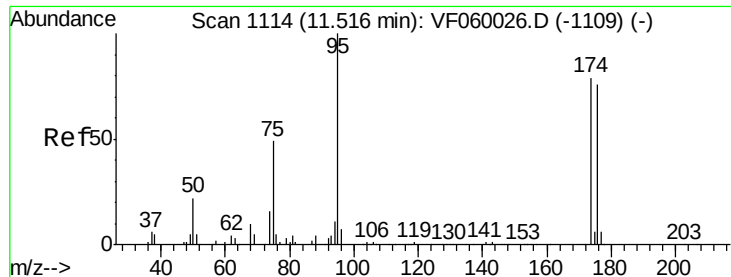
100 69.4 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 40.12 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.01 min

Lab File: VF060058.D

Acq: 23 Aug 2018 17:33

Instrument :

MSVOA_F

ClientSampleId :

SB-02-3.5-4.0RE

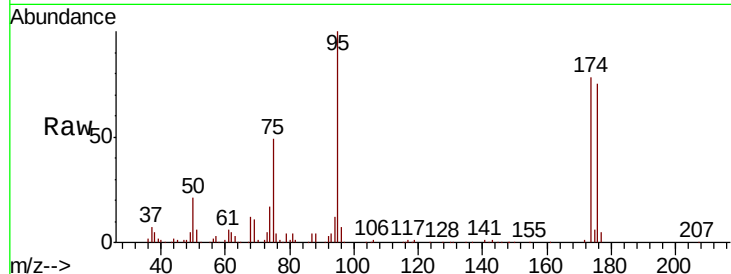
Tot Ion: 95 Resp: 118218

Ion Ratio Lower Upper

95 100

174 77.5 0.0 158.4

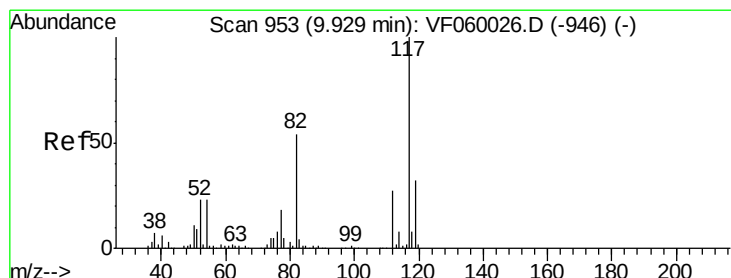
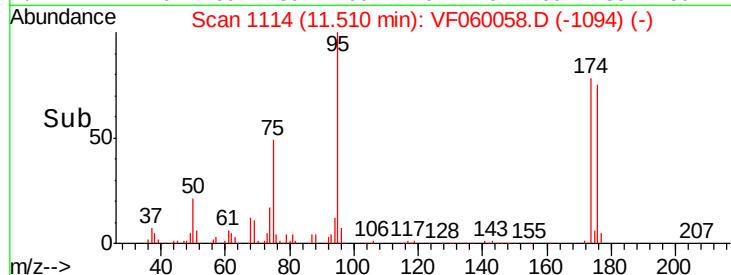
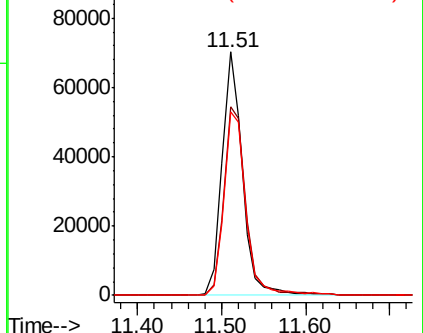
176 75.5 0.0 153.0



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: 9.92 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF060058.D

Acq: 23 Aug 2018 17:33

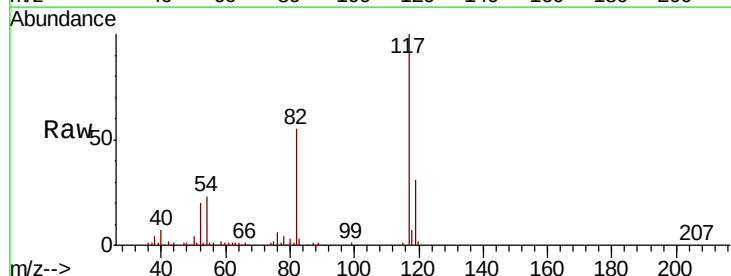
Tgt Ion: 117 Resp: 235404

Ion Ratio Lower Upper

117 100

82 54.9 43.6 65.4

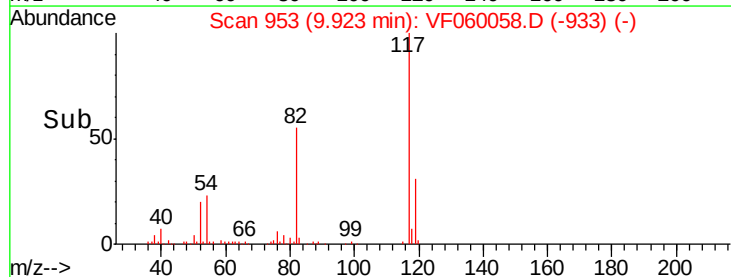
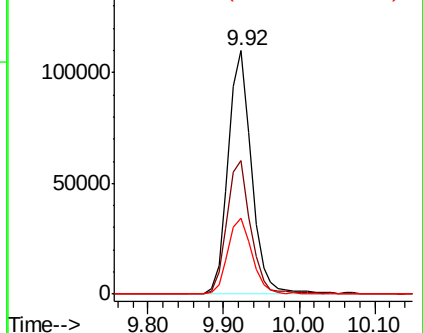
119 31.1 25.6 38.4

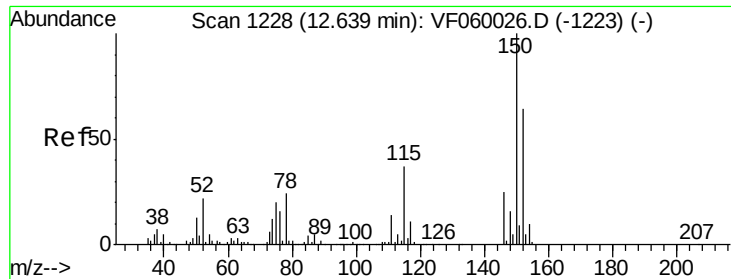


Abundance Ion 117.00 (116.70 to 117.70): V

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: VF060058.D

Acq: 23 Aug 2018 17:33

Instrument :

MSVOA_F

ClientSampleId :

SB-02-3.5-4.0RE

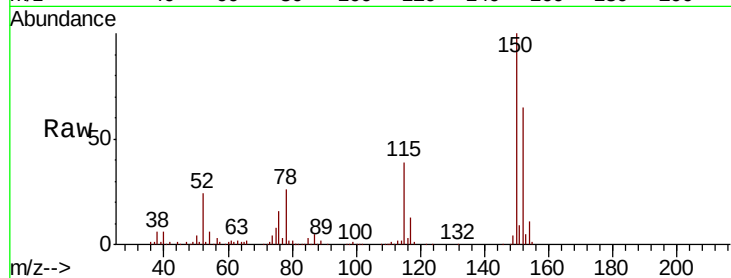
Tot Ion:152 Resp: 102205

Ion Ratio Lower Upper

152 100

115 60.6 28.6 85.9

150 153.9 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

