

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082818\
 Data File : VF060157.D
 Acq On : 28 Aug 2018 18:35
 Operator : VA/AP
 Sample : J4646-07RE
 Misc : 5.29g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-B6RE

Quant Time: Aug 29 01:43:56 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

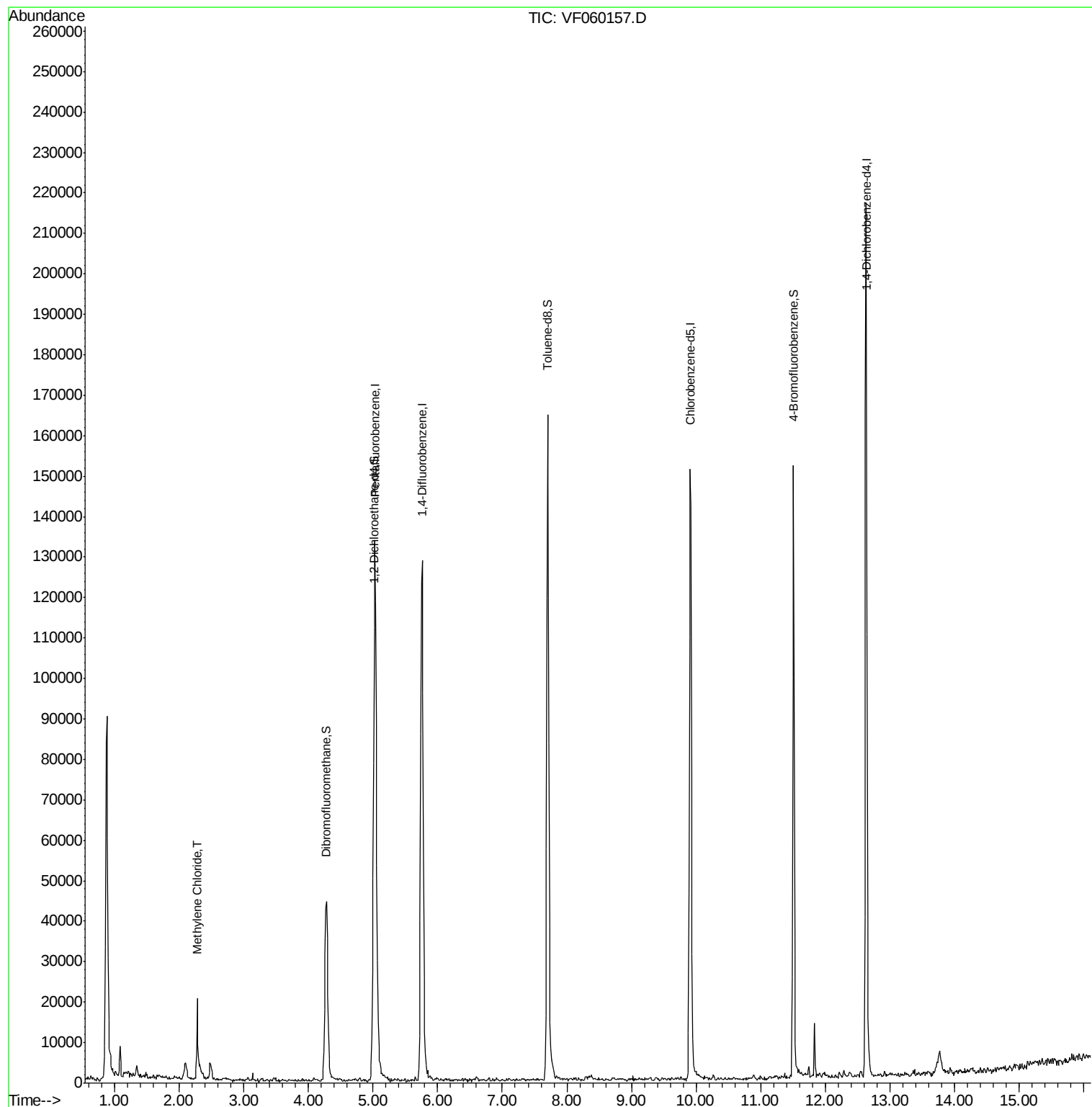
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	109041	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	136295	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	107892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	55318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	33236	22.27	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	44.54%	
35) Dibromofluoromethane	4.28	113	40642	37.97	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.94%	
50) Toluene-d8	7.70	98	134767	44.34	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.68%	
62) 4-Bromofluorobenzene	11.51	95	49323	30.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.34%	
Target Compounds						
20) Methylene Chloride	2.29	84	4662	1.01	ug/l	# 85

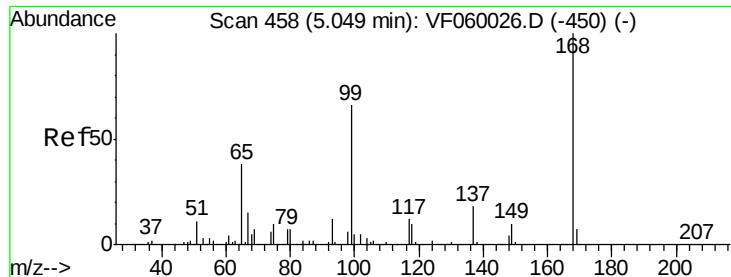
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF060157.D

Acq: 28 Aug 2018 18:35

Instrument :

MSVOA_F

ClientSampleId :

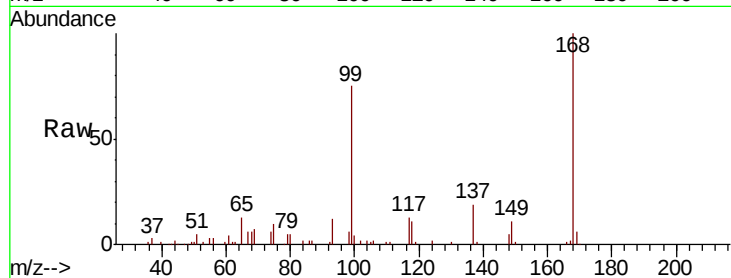
EP1-Q4-B6RE

Tot Ion:168 Resp: 109041

Ion Ratio Lower Upper

168 100

99 74.9 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

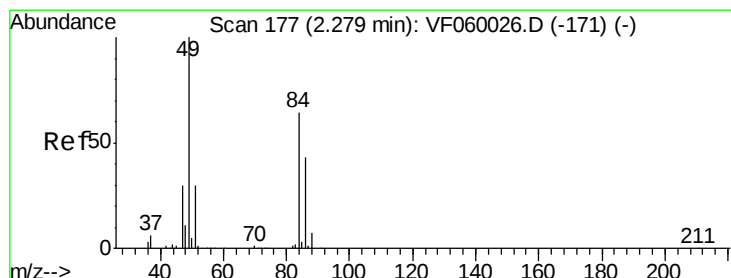
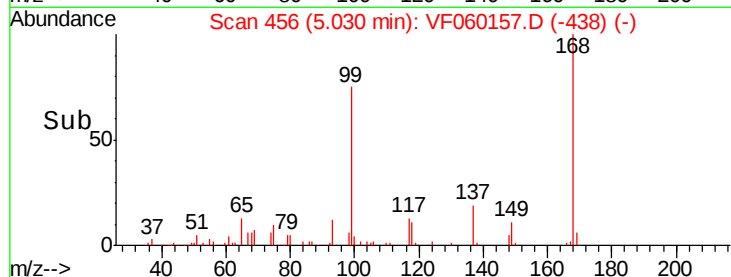
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 1.01 ug/l

RT: 2.29 min Scan# 178

Delta R.T. 0.01 min

Lab File: VF060157.D

Acq: 28 Aug 2018 18:35

Tgt Ion: 84 Resp: 4662

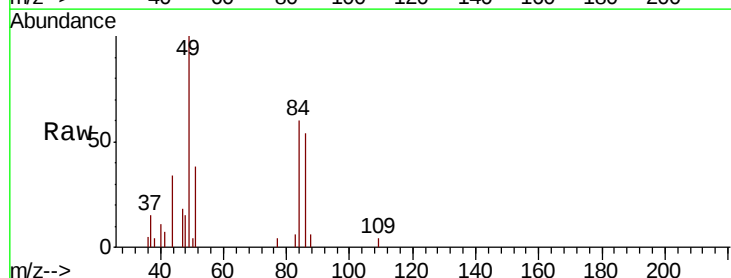
Ion Ratio Lower Upper

84 100

49 165.7 125.4 188.0

51 62.3 38.3 57.5#

86 90.3 53.3 79.9#



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

6000

5000

4000

3000

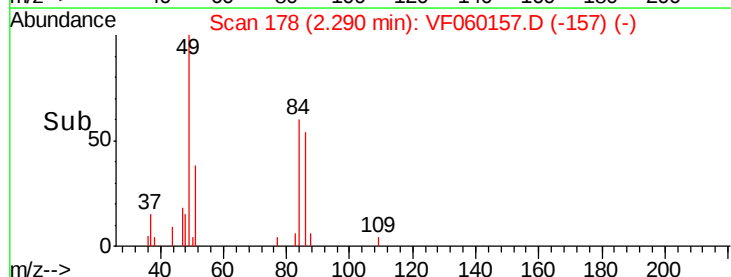
2000

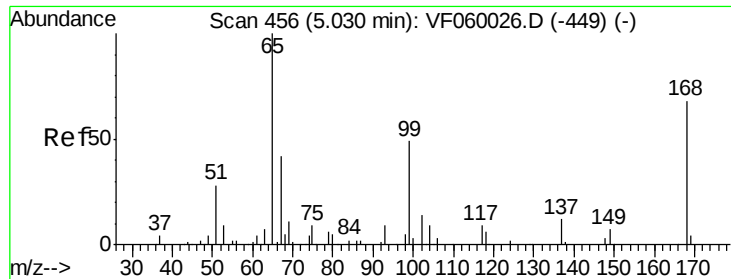
1000

0

Time-->

2.20 2.30 2.40

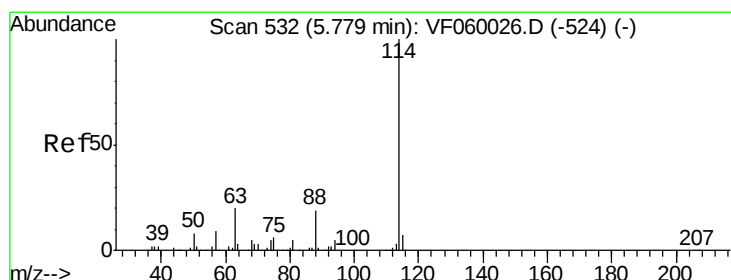
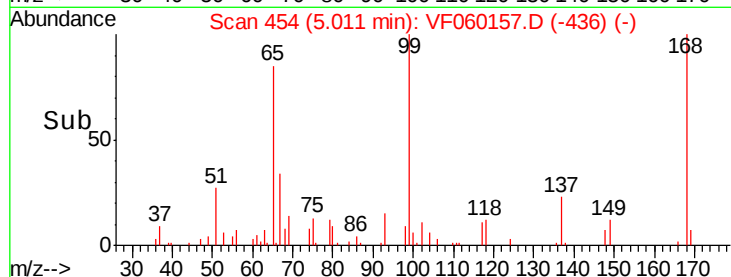
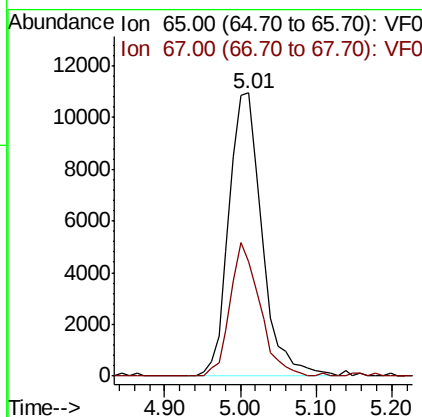
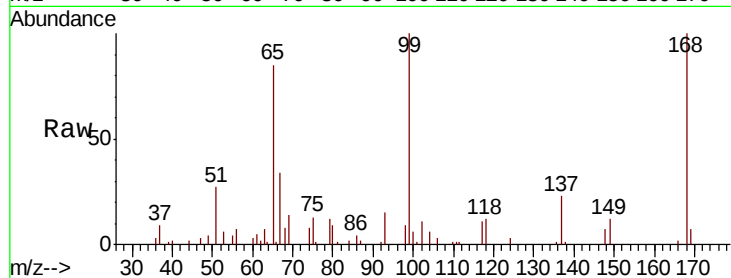




#33
 1,2-Dichloroethane-d4
 Concen: 22.27 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: VF060157.D
 Acq: 28 Aug 2018 18:35

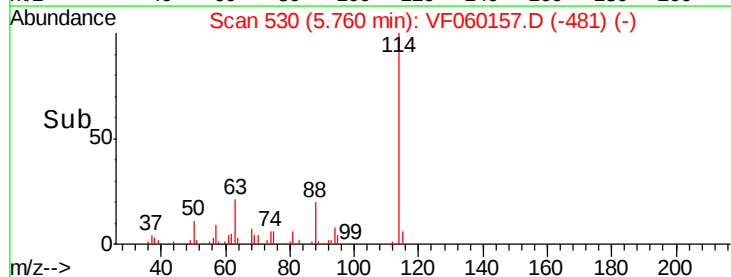
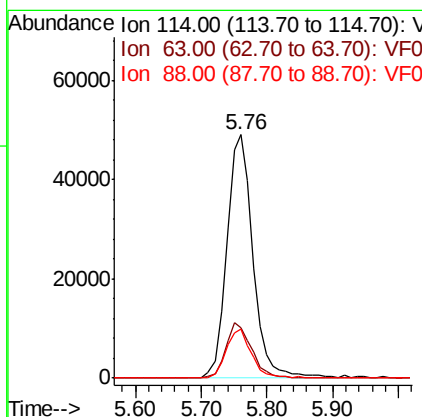
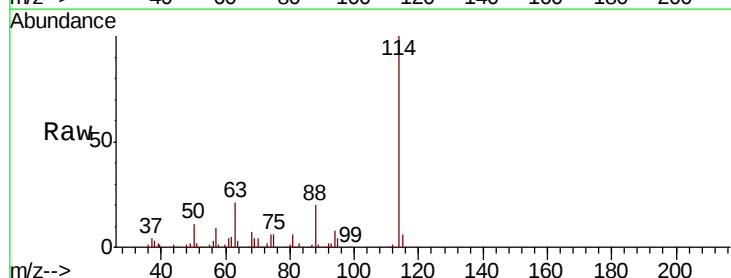
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-B6RE

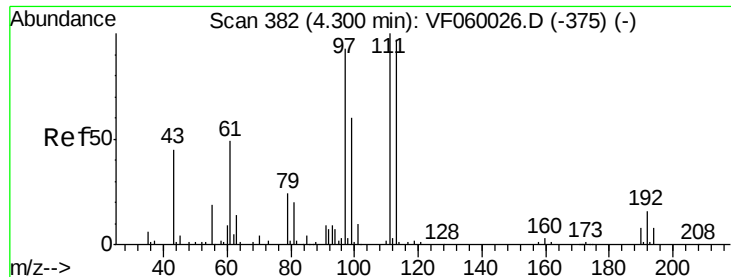
Tot Ion: 65 Resp: 33236
 Ion Ratio Lower Upper
 65 100
 67 40.4 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VF060157.D
 Acq: 28 Aug 2018 18:35

Tgt Ion: 114 Resp: 136295
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.4
 88 20.0 0.0 38.6





#35

Dibromofluoromethane

Concen: 37.97 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF060157.D

Acq: 28 Aug 2018 18:35

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-B6RE

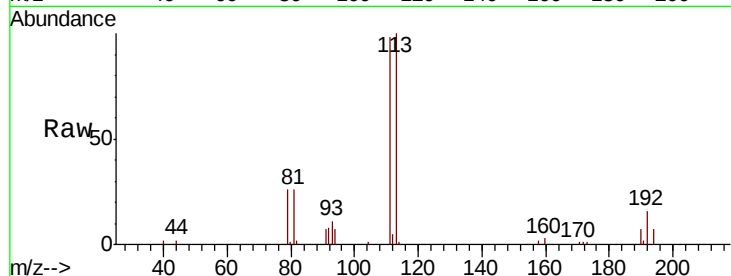
Tot Ion:113 Resp: 40642

Ion Ratio Lower Upper

113 100

111 98.3 82.7 124.1

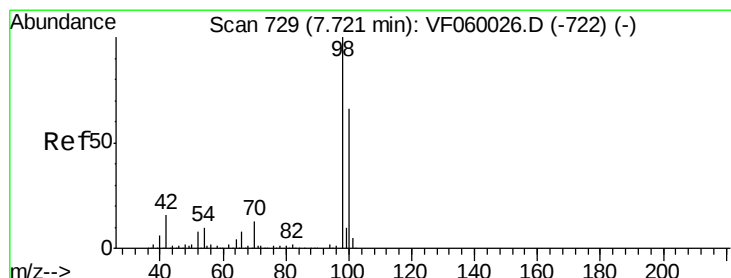
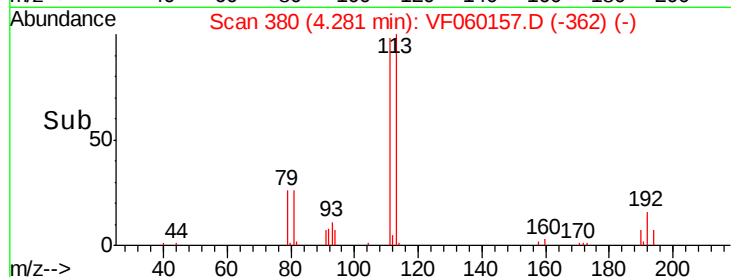
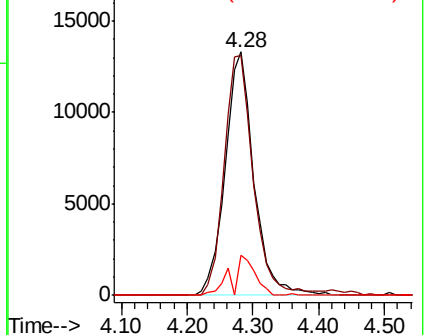
192 16.4 13.0 19.4



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: 44.34 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.02 min

Lab File: VF060157.D

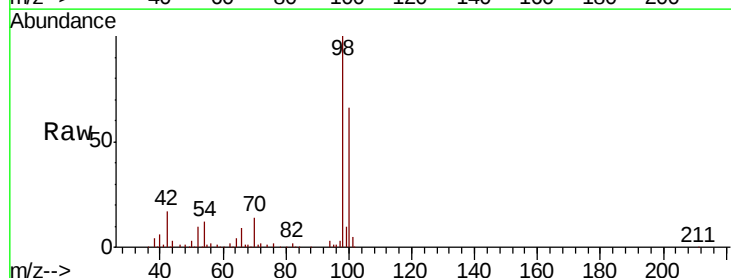
Acq: 28 Aug 2018 18:35

Tgt Ion: 98 Resp: 134767

Ion Ratio Lower Upper

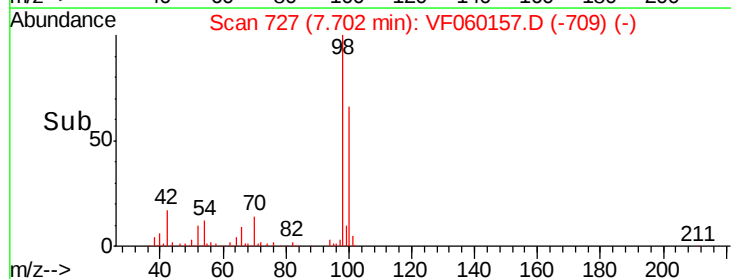
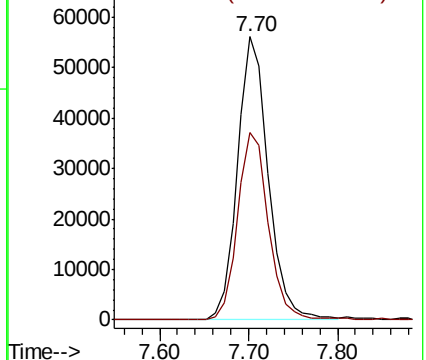
98 100

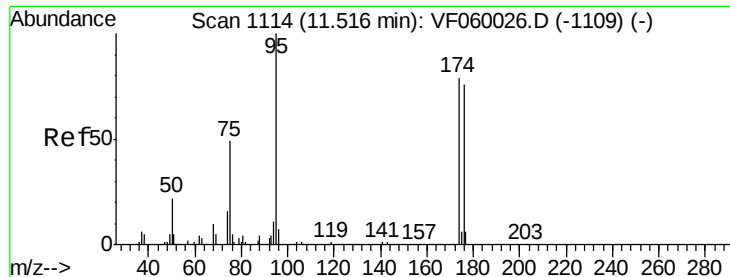
100 66.2 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 30.67 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF060157.D

Acq: 28 Aug 2018 18:35

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-B6RE

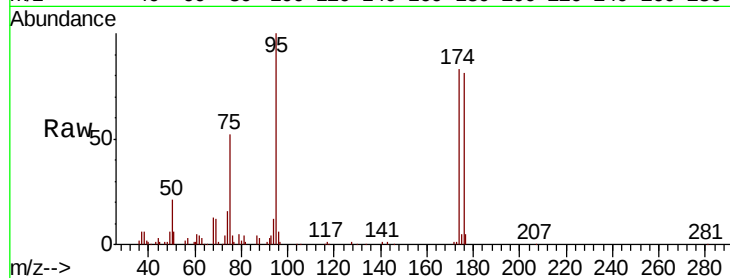
Tot Ion: 95 Resp: 49323

Ion Ratio Lower Upper

95 100

174 83.1 0.0 158.4

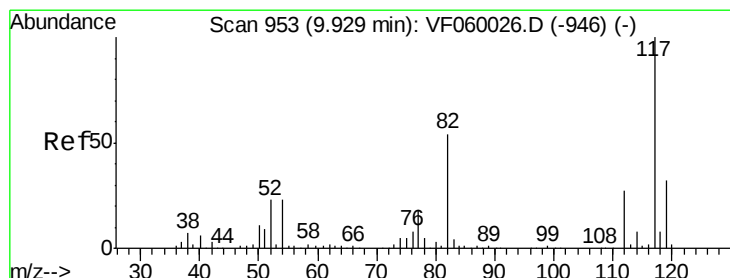
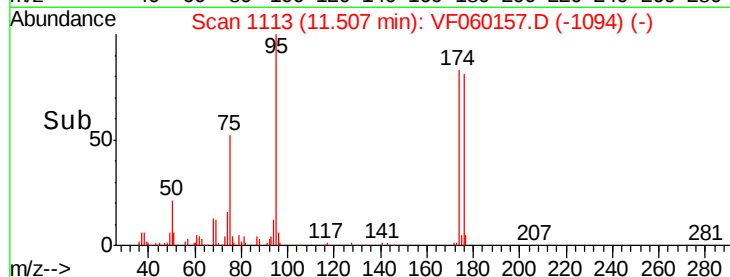
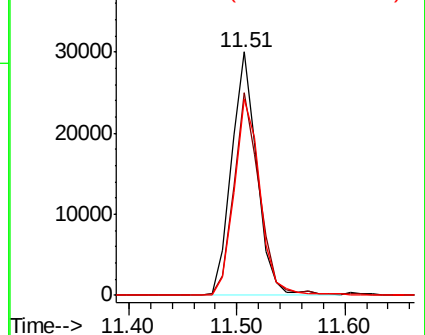
176 80.8 0.0 153.0



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# 952

Delta R.T. -0.01 min

Lab File: VF060157.D

Acq: 28 Aug 2018 18:35

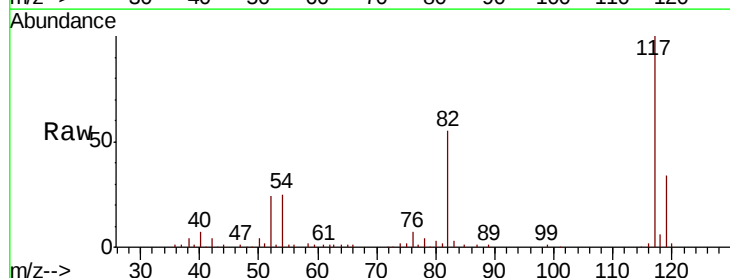
Tgt Ion: 117 Resp: 107892

Ion Ratio Lower Upper

117 100

82 55.1 43.6 65.4

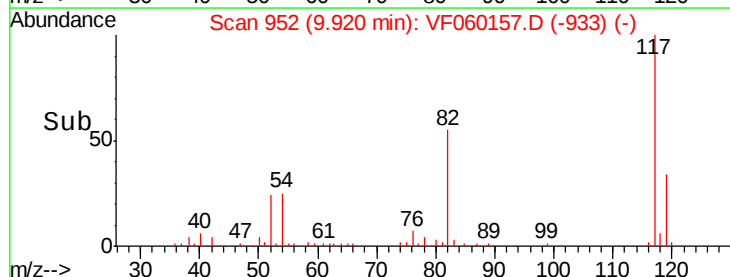
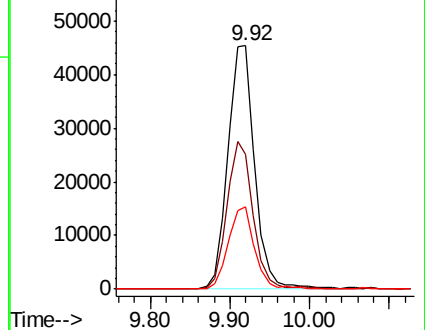
119 34.1 25.6 38.4

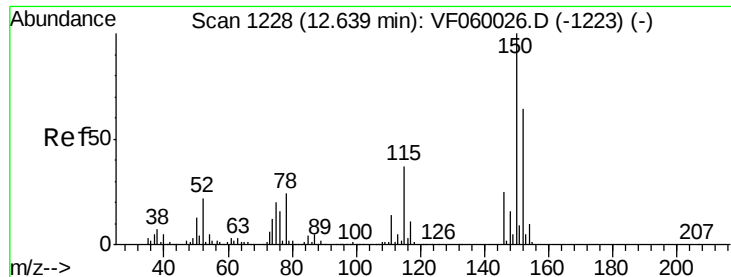


Abundance Ion 117.00 (116.70 to 117.70): V

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# 1227

Delta R.T. -0.01 min

Lab File: VF060157.D

Acq: 28 Aug 2018 18:35

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-B6RE

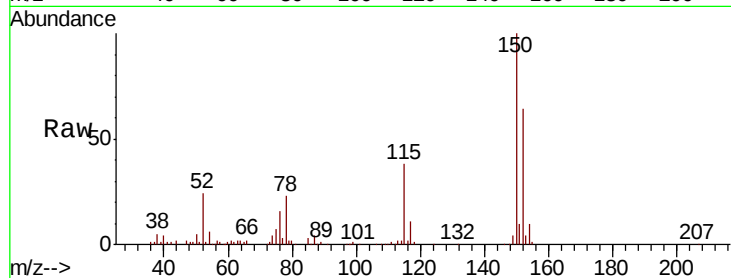
Tot Ion:152 Resp: 55318

Ion Ratio Lower Upper

152 100

115 59.0 28.6 85.9

150 155.5 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

