

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122818\
 Data File : VF061242.D
 Acq On : 28 Dec 2018 18:13
 Operator : VA/AP
 Sample : J6547-03
 Misc : 6.31g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 1B-VOC

Quant Time: Dec 29 03:00:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

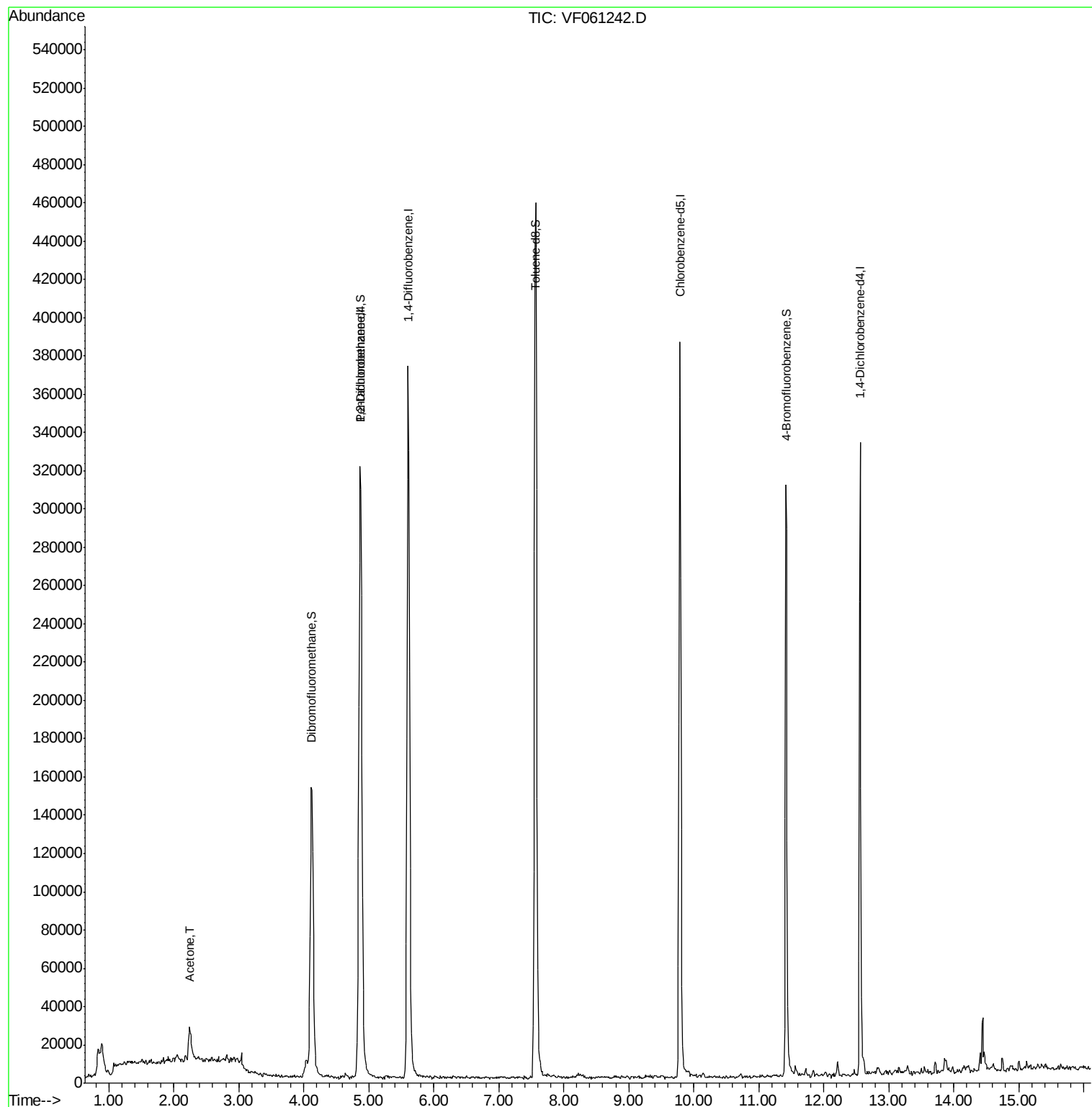
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	227735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	429267	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	281483	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	80192	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	148610	50.74	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.48%	
35) Dibromofluoromethane	4.12	113	150187	43.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.36%	
50) Toluene-d8	7.57	98	392233	40.25	ug/l	0.01
Spiked Amount 50.000			Recovery	=	80.50%	
62) 4-Bromofluorobenzene	11.42	95	128575	28.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.24%	
Target Compounds						
16) Acetone	2.24	43	32662	55.780	ug/l #	Qvalue 87

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

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QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.00 min

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Instrument :

MSVOA_F

ClientSampleId :

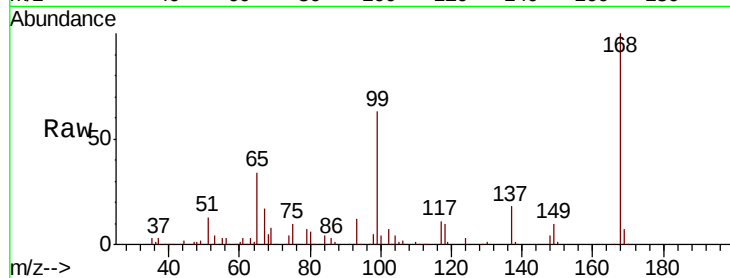
1B-VOC

Tot Ion:168 Resp: 227735

Ion Ratio Lower Upper

168 100

99 62.7 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

80000

60000

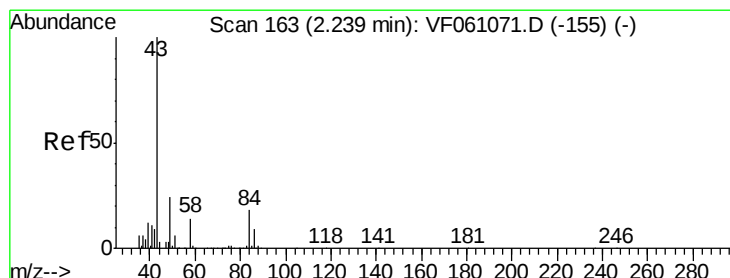
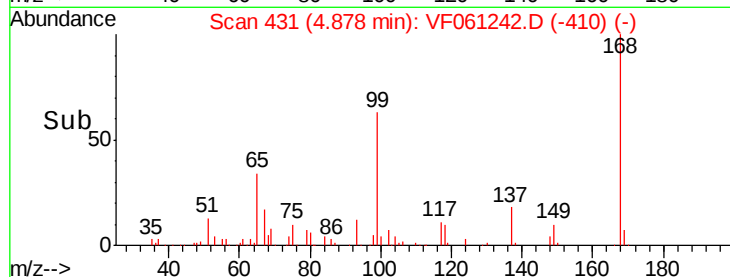
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 55.780 ug/l

RT: 2.24 min Scan# 164

Delta R.T. 0.00 min

Lab File: VF061242.D

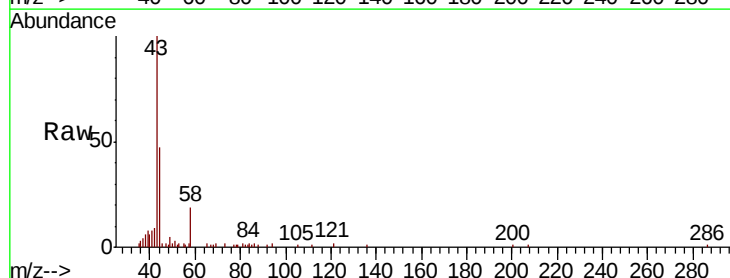
Acq: 28 Dec 2018 18:13

Tgt Ion: 43 Resp: 32662

Ion Ratio Lower Upper

43 100

58 19.3 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

12000

10000

8000

6000

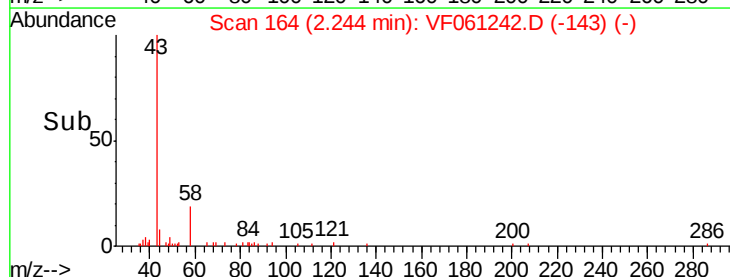
4000

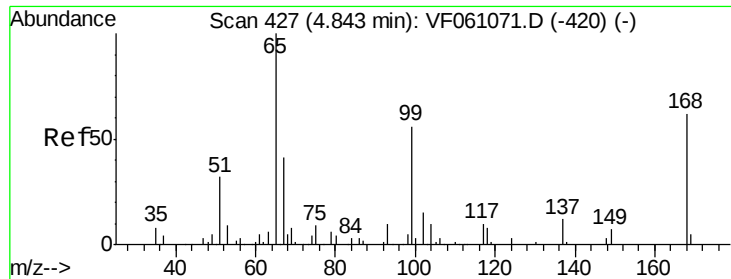
2000

0

Time-->

2.10 2.20 2.30

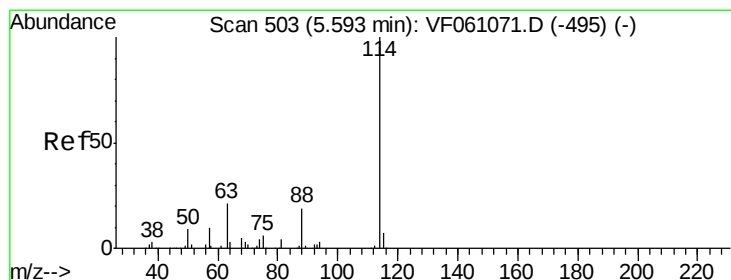
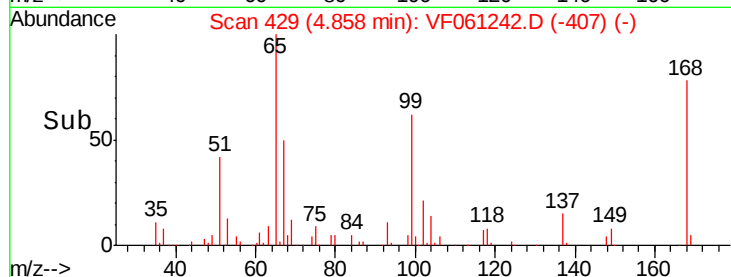
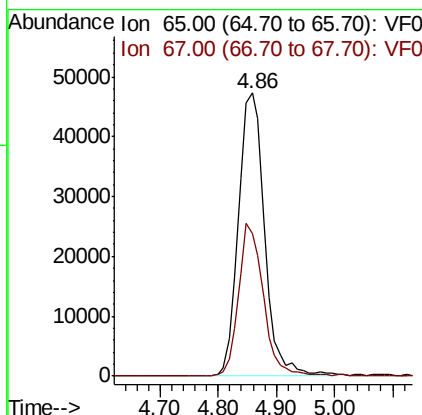
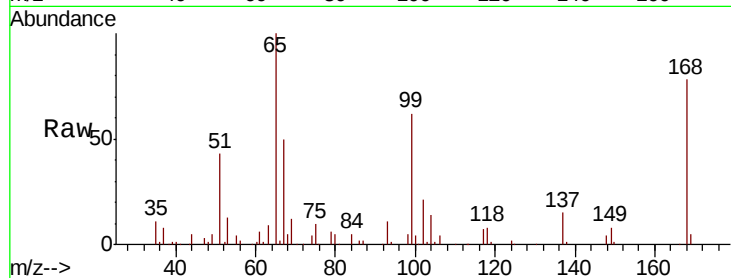




#33
 1,2-Dichloroethane-d4
 Concen: 50.736 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: VF061242.D
 Acq: 28 Dec 2018 18:13

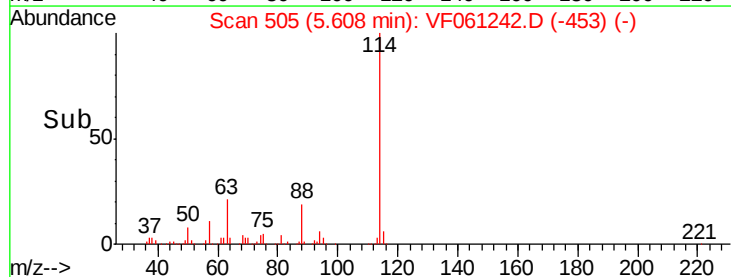
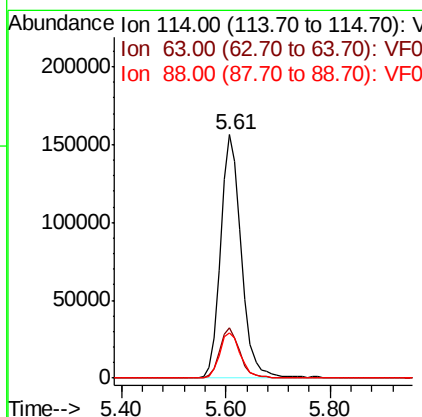
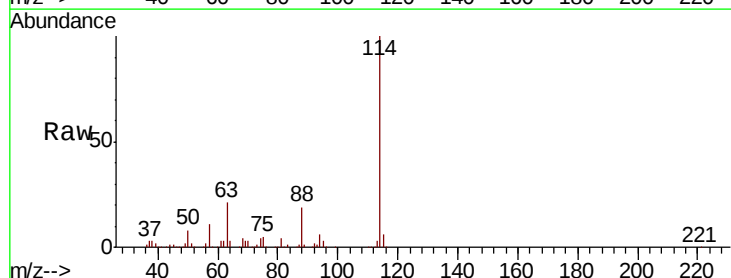
Instrument :
 MSVOA_F
 ClientSampleID :
 1B-VOC

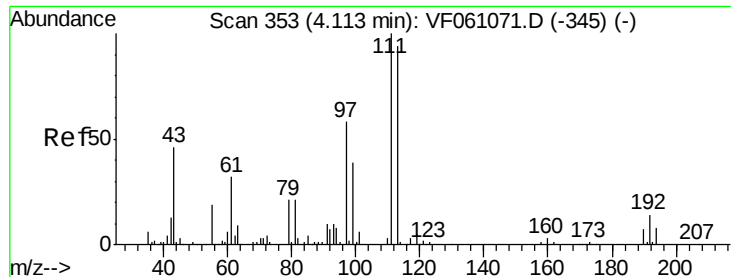
Tot Ion: 65 Resp: 148610
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 94.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VF061242.D
 Acq: 28 Dec 2018 18:13

Tgt Ion: 114 Resp: 429267
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.6
 88 18.6 0.0 38.0





#35

Dibromofluoromethane

Concen: 43.676 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.00 min

Lab File: VF061242.D

Acq: 28 Dec 2018 18:13

Instrument :

MSVOA_F

ClientSampleId :

1B-VOC

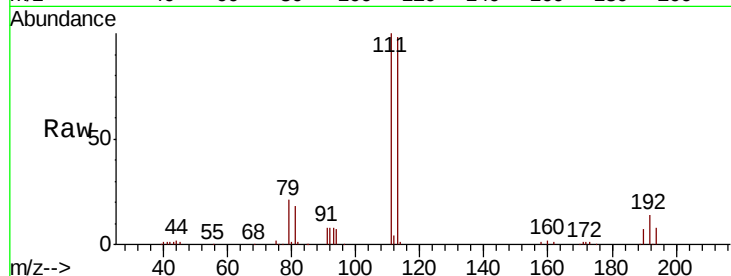
Tot Ion:113 Resp: 150187

Ion Ratio Lower Upper

113 100

111 102.1 85.2 127.8

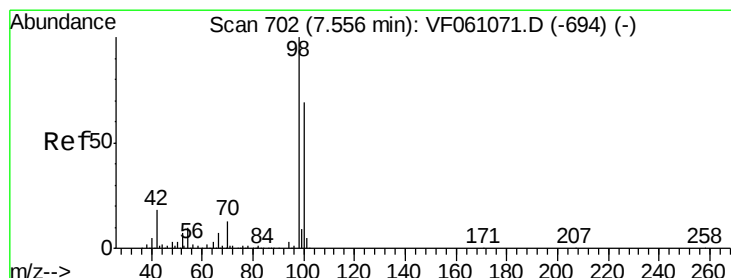
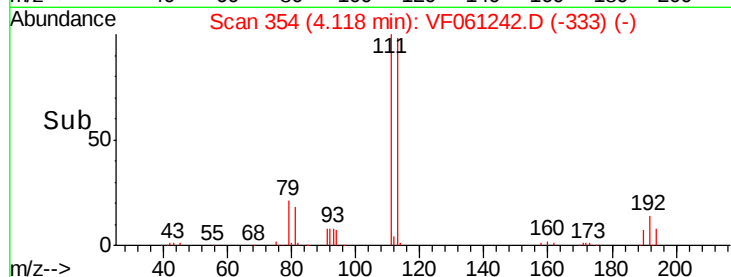
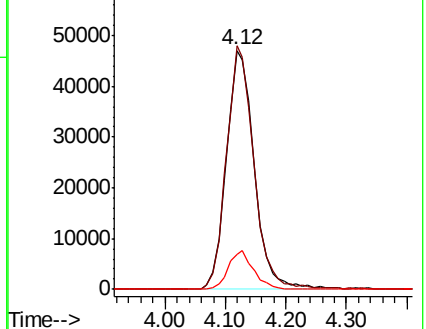
192 15.0 12.8 19.2



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: 40.251 ug/l

RT: 7.57 min Scan# 704

Delta R.T. 0.01 min

Lab File: VF061242.D

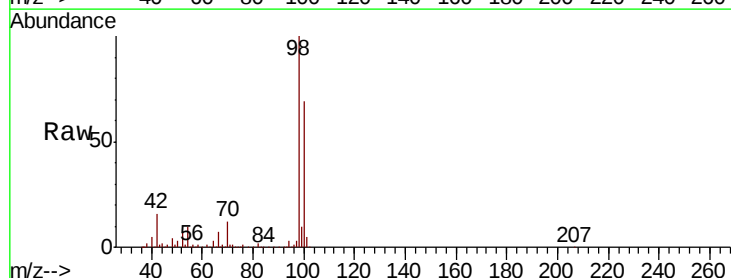
Acq: 28 Dec 2018 18:13

Tgt Ion: 98 Resp: 392233

Ion Ratio Lower Upper

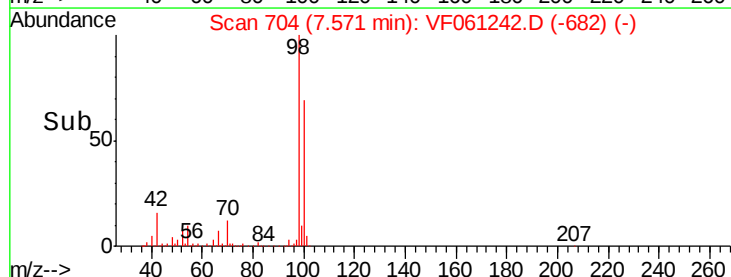
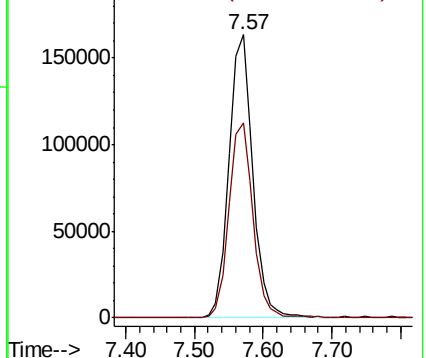
98 100

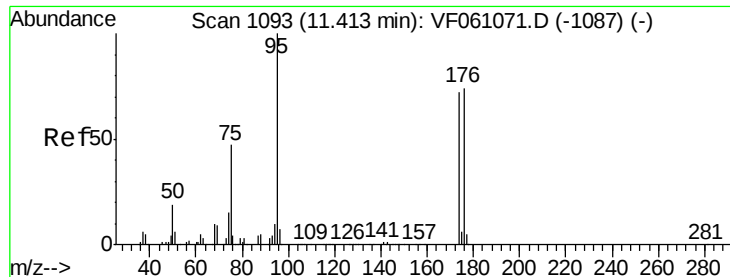
100 69.1 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 28.620 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF061242.D

Acq: 28 Dec 2018 18:13

Instrument :

MSVOA_F

ClientSampleId :

1B-VOC

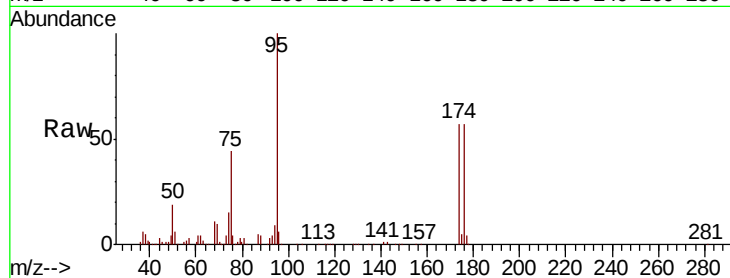
Tot Ion: 95 Resp: 128575

Ion Ratio Lower Upper

95 100

174 56.8 0.0 143.8

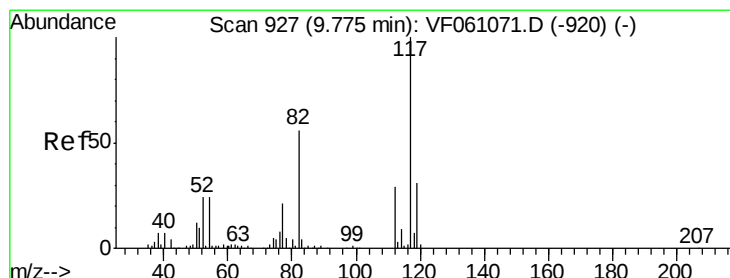
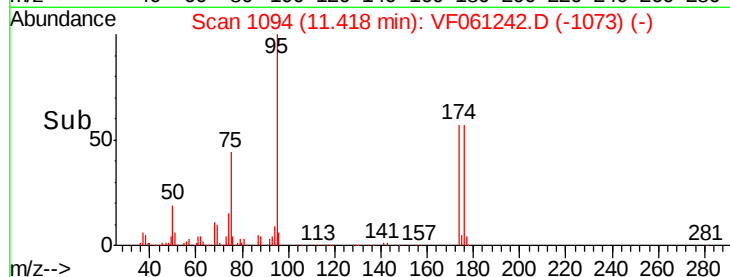
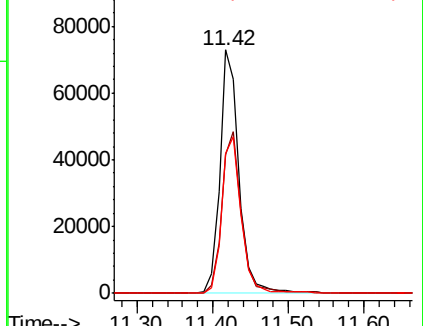
176 57.3 0.0 147.6



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: 9.79 min Scan# 929

Delta R.T. 0.01 min

Lab File: VF061242.D

Acq: 28 Dec 2018 18:13

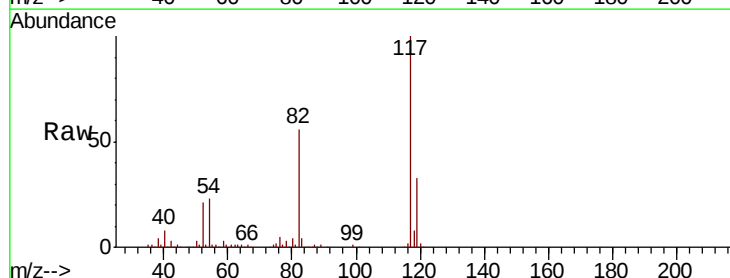
Tgt Ion: 117 Resp: 281483

Ion Ratio Lower Upper

117 100

82 56.4 45.0 67.4

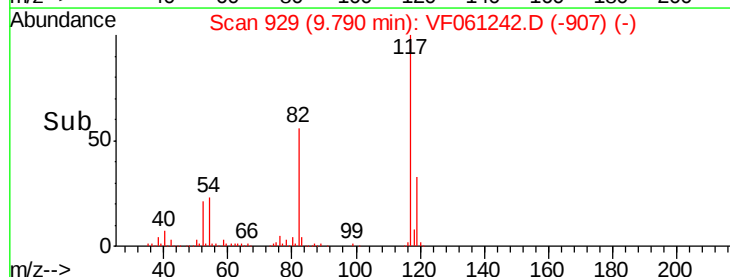
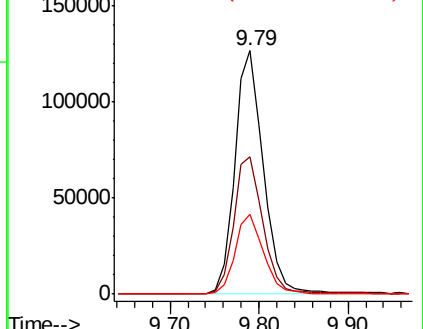
119 32.7 24.8 37.2

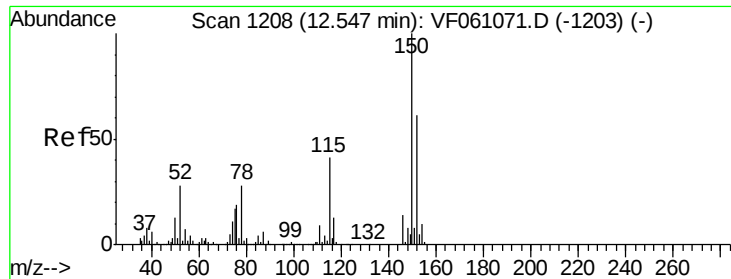


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: 12.56 min Scan# 1210

Delta R.T. 0.01 min

Lab File: VF061242.D

Acq: 28 Dec 2018 18:13

Instrument :

MSVOA_F

ClientSampleId :

1B-VOC

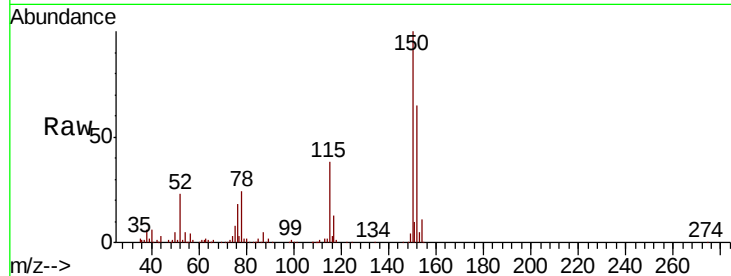
Tot Ion:152 Resp: 80192

Ion Ratio Lower Upper

152 100

115 58.3 33.3 99.9

150 154.7 0.0 328.2



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

