

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061599.D
 Acq On : 11 Feb 2019 21:29
 Operator : VA/AP
 Sample : K1458-08
 Misc : 5.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-5

Quant Time: Feb 12 05:12:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

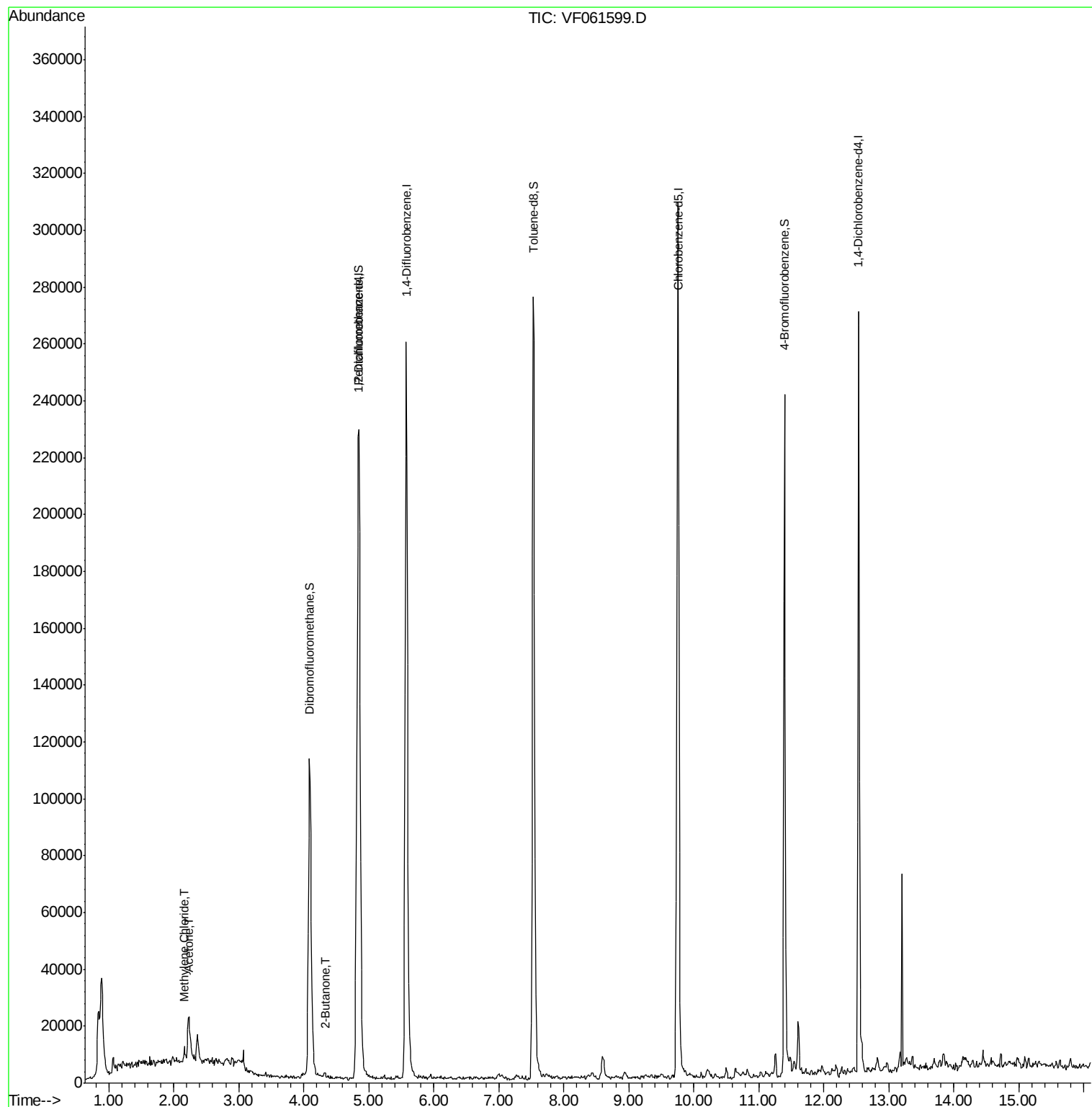
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	159288	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	283878	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	222940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	72189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	108051	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
35) Dibromofluoromethane	4.09	113	109371	48.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	7.53	98	228383	37.21	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.42%	
62) 4-Bromofluorobenzene	11.40	95	90776	31.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.32%	
Target Compounds						
16) Acetone	2.22	43	23320	59.109	ug/l #	92
20) Methylene Chloride	2.16	84	5874m	2.725	ug/l	
25) 2-Butanone	4.32	43	4301	6.556	ug/l	92

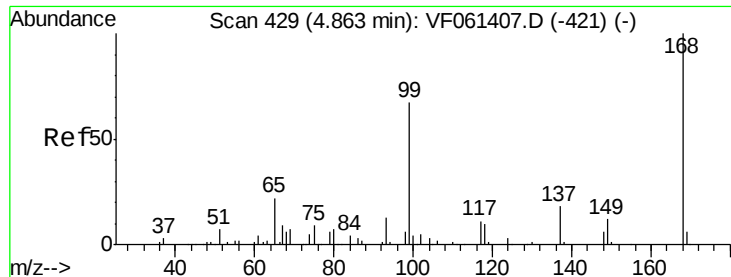
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021119\
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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061599.D

Acq: 11 Feb 2019 21:29

Instrument :

MSVOA_F

ClientSampleId :

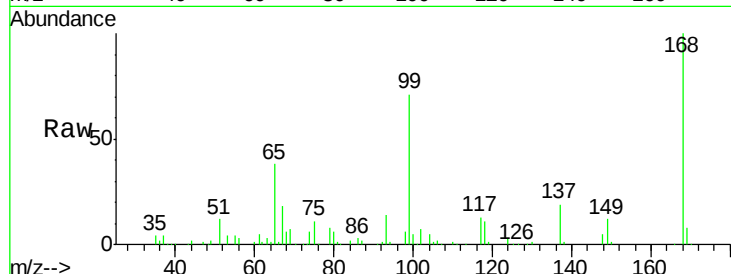
SB-5

Tot Ion:168 Resp: 159288

Ion Ratio Lower Upper

168 100

99 71.0 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

50000

40000

30000

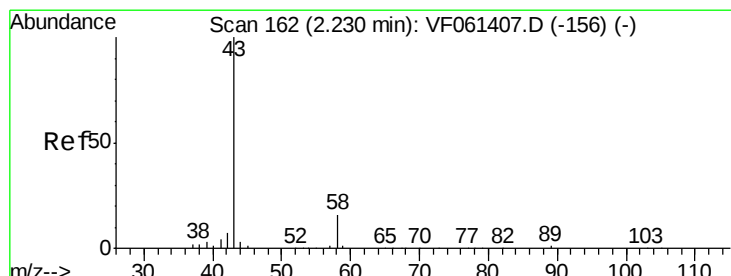
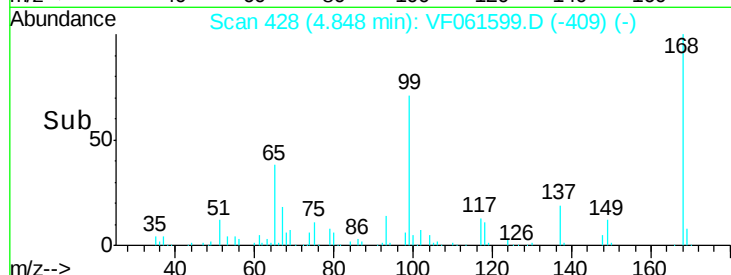
20000

10000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 59.109 ug/l

RT: 2.22 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF061599.D

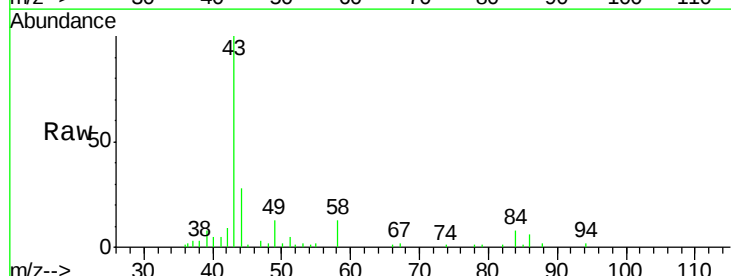
Acq: 11 Feb 2019 21:29

Tgt Ion: 43 Resp: 23320

Ion Ratio Lower Upper

43 100

58 13.2 13.3 19.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.22

10000

8000

6000

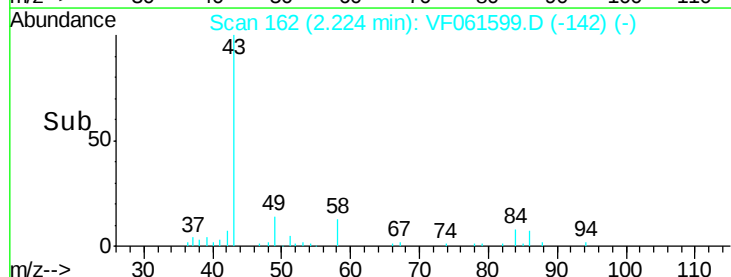
4000

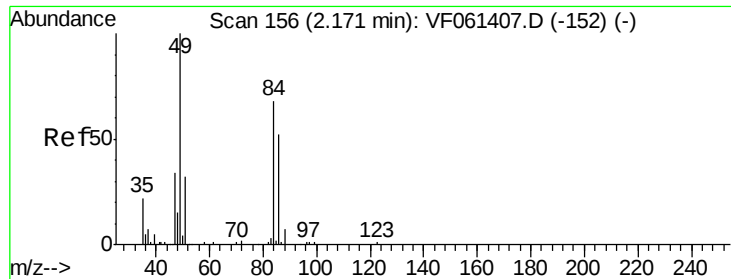
2000

0

2.10 2.20 2.30

Time-->

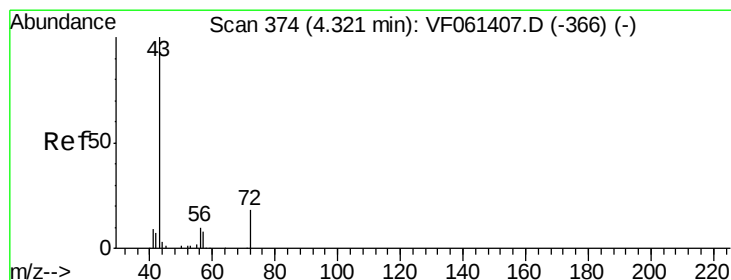
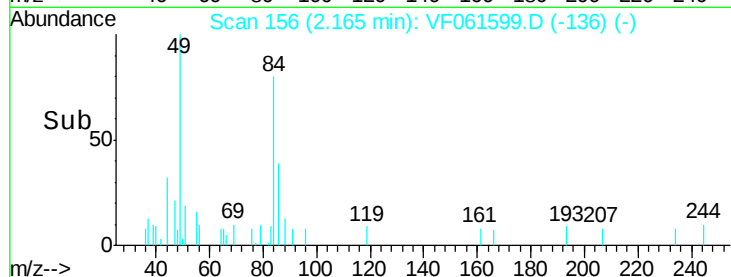
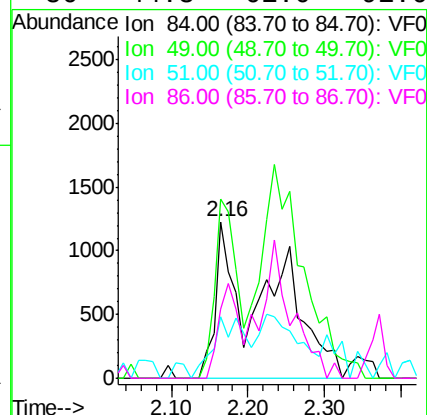
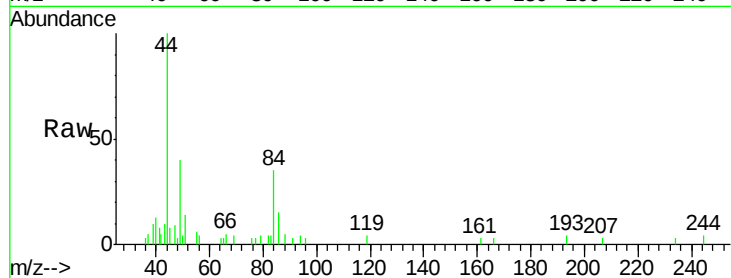




#20
Methvlene Chloride
Concen: 2.725 ug/l m
RT: 2.16 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

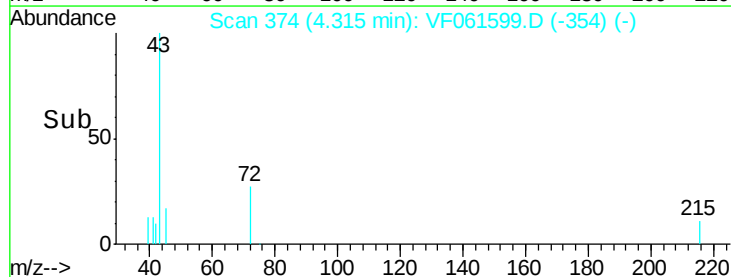
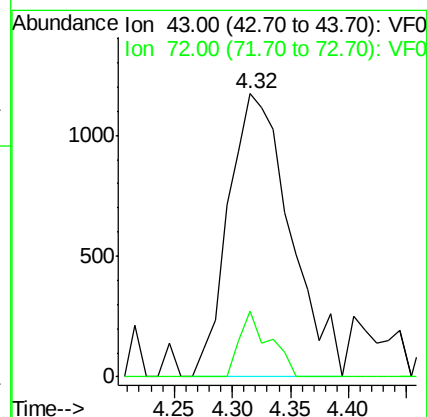
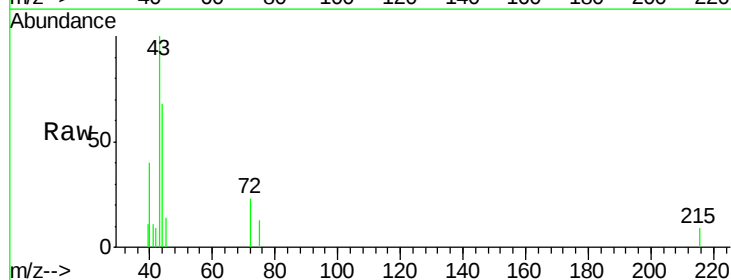
Instrument :
MSVOA_F
ClientSampled :
SB-5

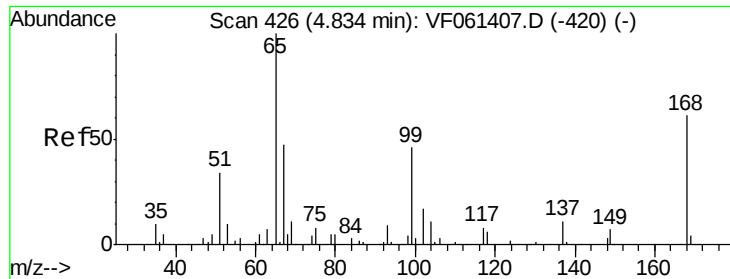
Tot Ion: 84 Resp: 5874
Ion Ratio Lower Upper
84 100
49 114.8 120.0 180.0#
51 39.7 38.6 58.0
86 44.3 61.0 91.6#



#25
2-Butanone
Concen: 6.556 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.01 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Tgt Ion: 43 Resp: 4301
Ion Ratio Lower Upper
43 100
72 23.3 15.8 23.6





#33

1,2-Dichloroethane-d4

Concen: 54.943 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061599.D

Acq: 11 Feb 2019 21:29

Instrument :

MSVOA_F

ClientSampled :

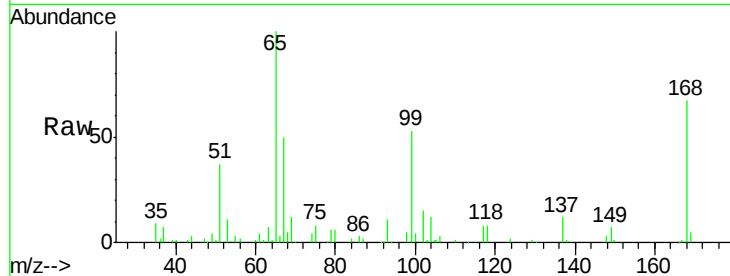
SB-5

Tot Ion: 65 Resp: 108051

Ion Ratio Lower Upper

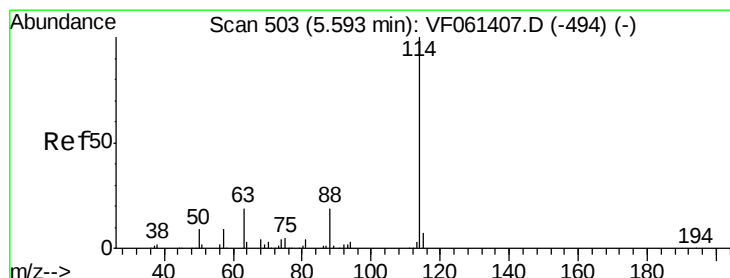
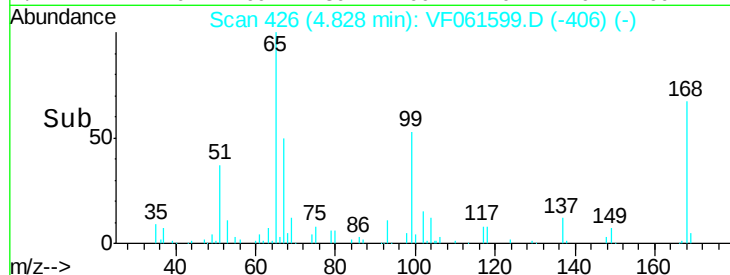
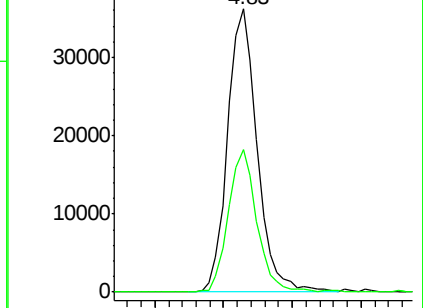
65 100

67 50.4 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061599.D

Acq: 11 Feb 2019 21:29

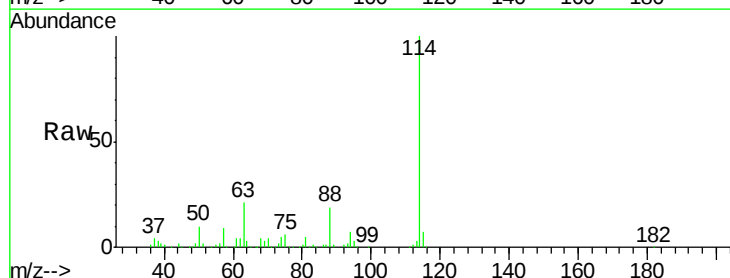
Tgt Ion: 114 Resp: 283878

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

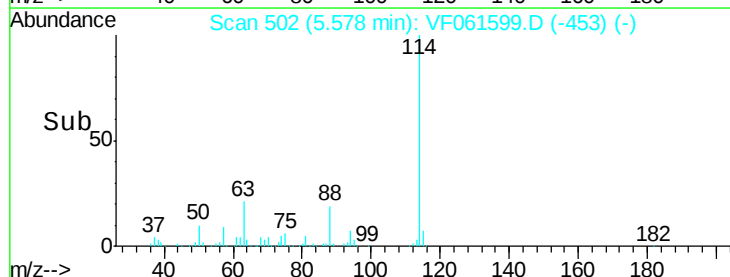
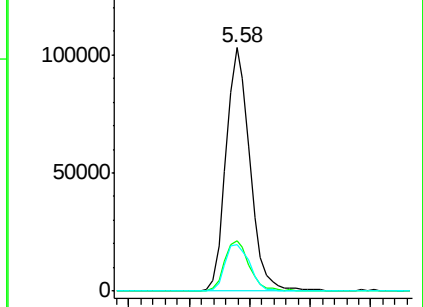
88 19.3 0.0 37.4

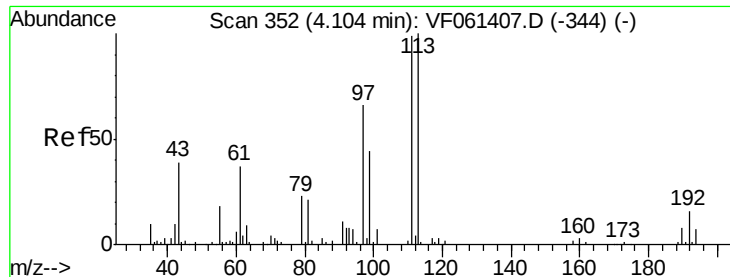


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 48.825 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061599.D

Acq: 11 Feb 2019 21:29

Instrument :

MSVOA_F

ClientSampleId :

SB-5

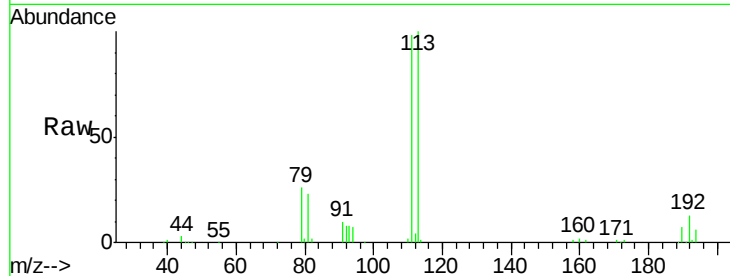
Tot Ion:113 Resp: 109371

Ion Ratio Lower Upper

113 100

111 97.6 79.4 119.0

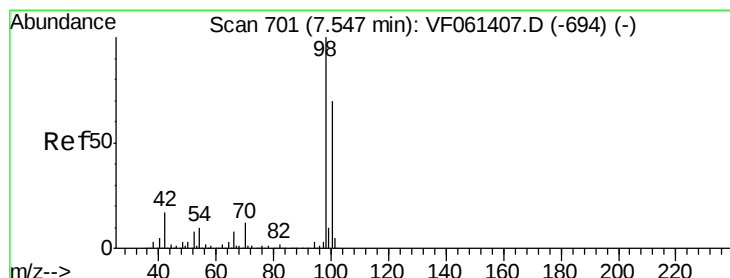
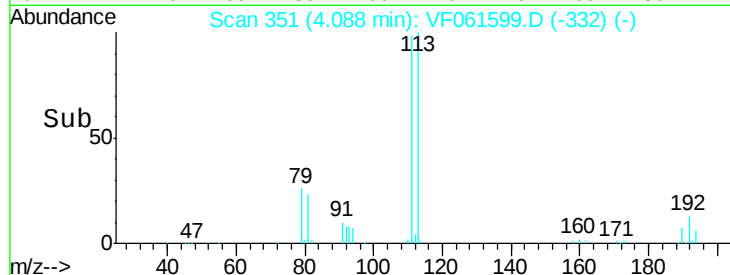
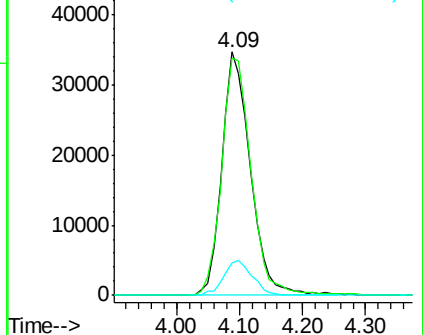
192 13.7 12.4 18.6



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: 37.212 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF061599.D

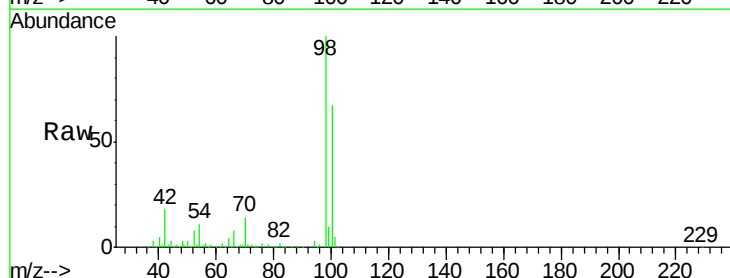
Acq: 11 Feb 2019 21:29

Tgt Ion: 98 Resp: 228383

Ion Ratio Lower Upper

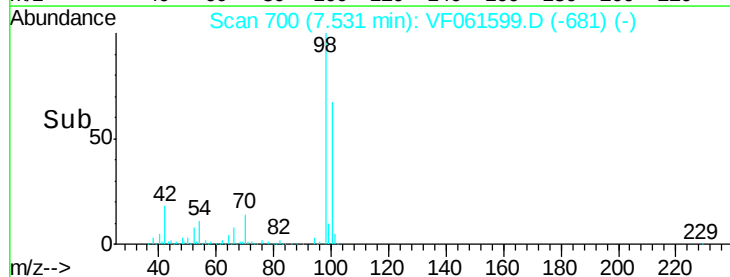
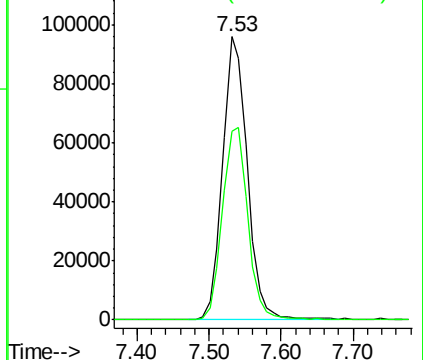
98 100

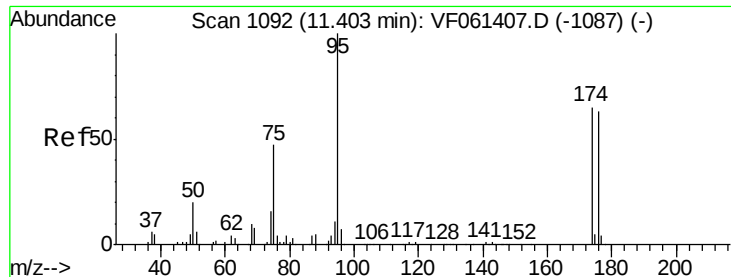
100 66.7 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 31.657 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061599.D

Acq: 11 Feb 2019 21:29

Instrument :

MSVOA_F

ClientSampleId :

SB-5

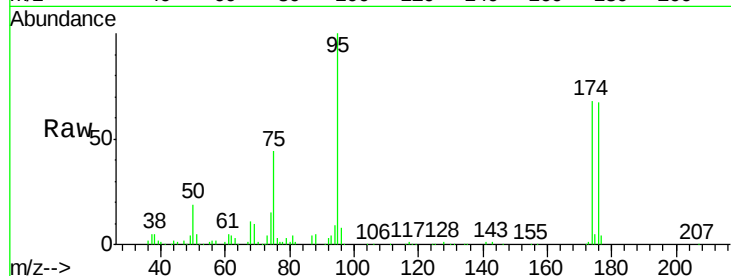
Tot Ion: 95 Resp: 90776

Ion Ratio Lower Upper

95 100

174 68.3 0.0 130.4

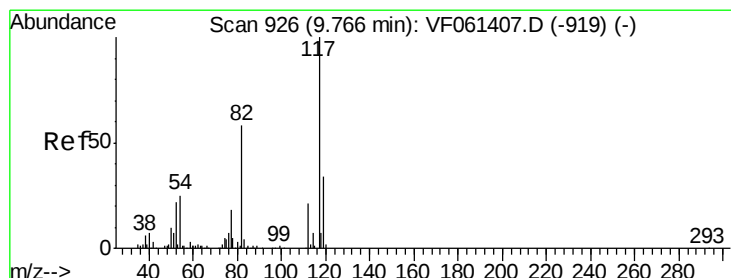
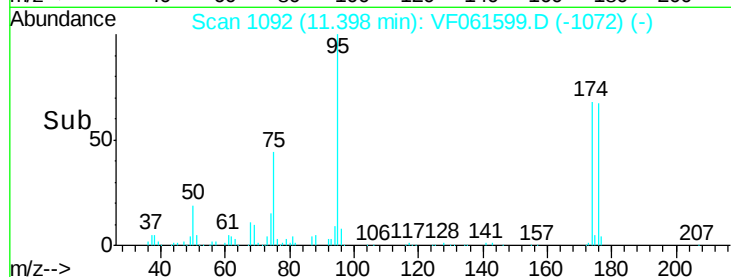
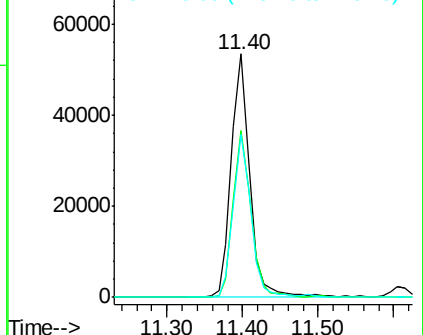
176 66.9 0.0 126.2



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: 9.76 min Scan# 926

Delta R.T. -0.01 min

Lab File: VF061599.D

Acq: 11 Feb 2019 21:29

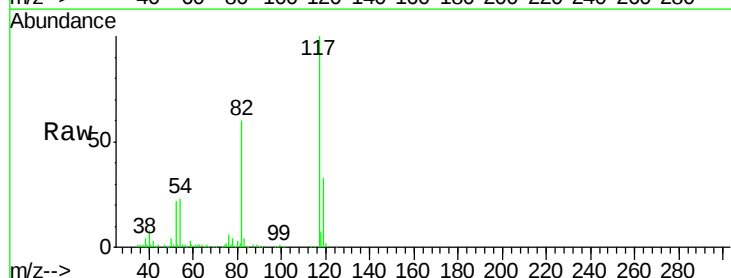
Tgt Ion: 117 Resp: 222940

Ion Ratio Lower Upper

117 100

82 59.9 46.4 69.6

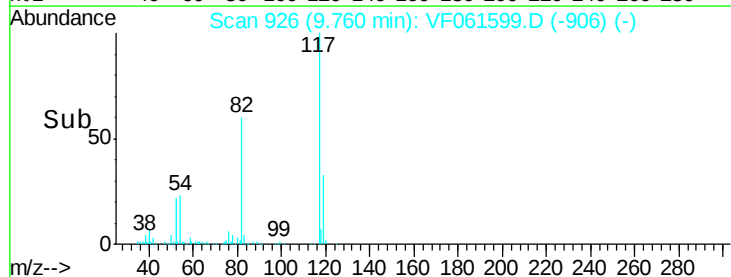
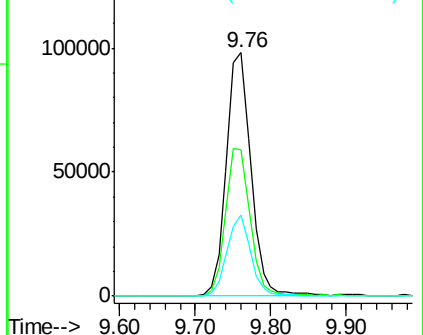
119 33.5 27.2 40.8

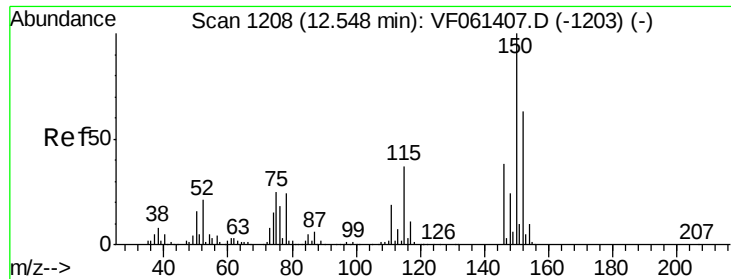


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF061599.D

Acq: 11 Feb 2019 21:29

Instrument :

MSVOA_F

ClientSampleId :

SB-5

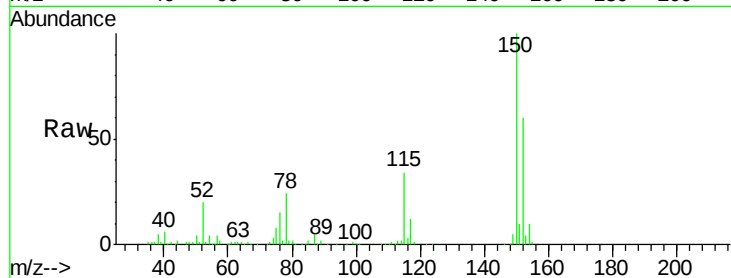
Tot Ion:152 Resp: 72189

Ion Ratio Lower Upper

152 100

115 56.4 30.0 90.0

150 165.9 0.0 321.4



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

