

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF051319\
 Data File : VF062568.D
 Acq On : 14 May 2019 4:59
 Operator : FY/SY
 Sample : K2756-16
 Misc : 5.30g/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS008-0002-01

Quant Time: May 16 09:31:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

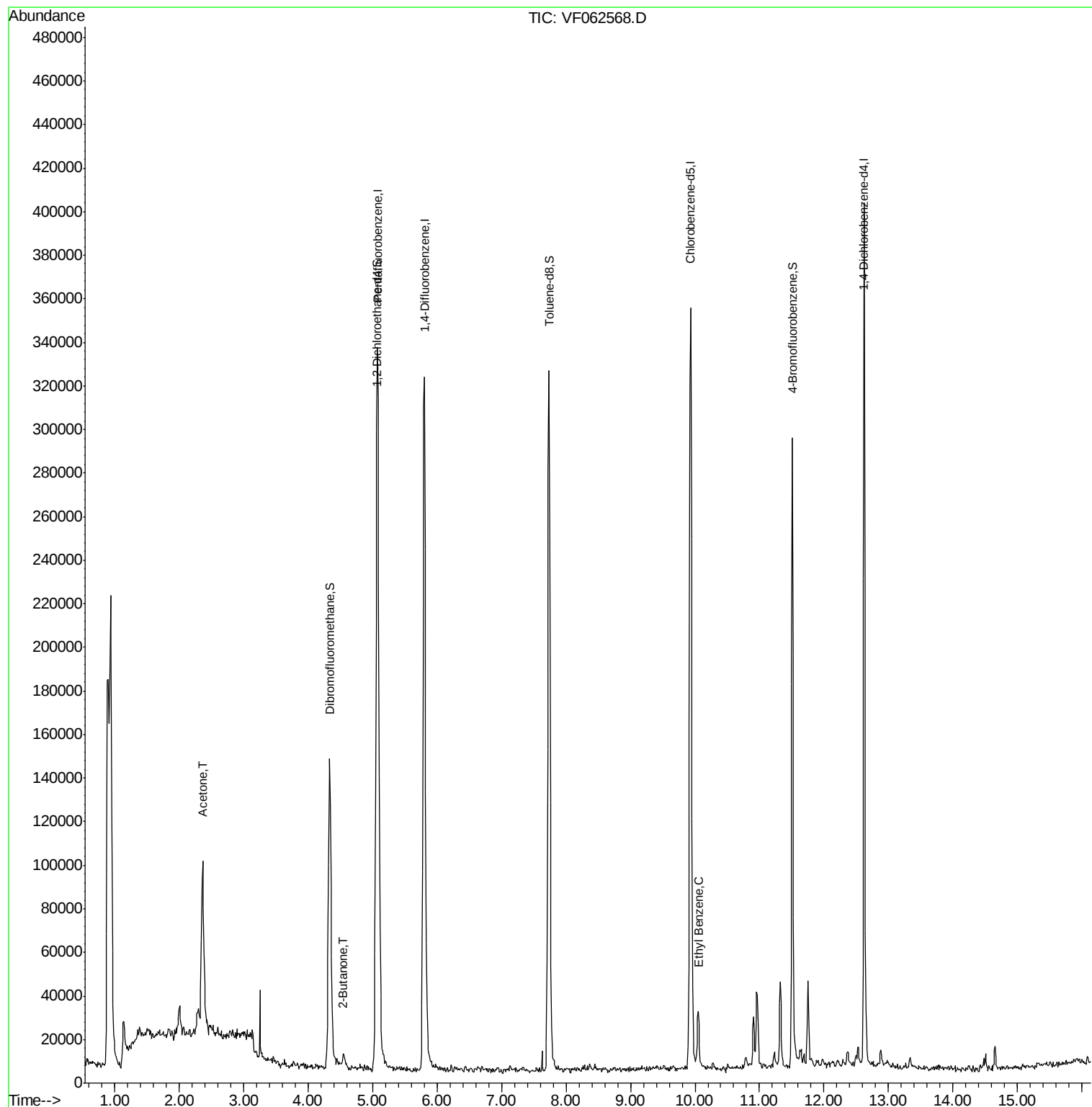
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	283812	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	359560	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	257519	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	97574	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	113199	42.20	ug/l	0.03
Spiked Amount 50.000			Recovery	=	84.40%	
35) Dibromofluoromethane	4.33	113	134563	46.98	ug/l	0.03
Spiked Amount 50.000			Recovery	=	93.96%	
50) Toluene-d8	7.73	98	269466	38.86	ug/l	0.03
Spiked Amount 50.000			Recovery	=	77.72%	
62) 4-Bromofluorobenzene	11.51	95	89537	28.62	ug/l	0.02
Spiked Amount 50.000			Recovery	=	57.24%	
Target Compounds						
16) Acetone	2.36	43	146438	269.893	ug/l	97
25) 2-Butanone	4.54	43	11644	17.082	ug/l #	91
67) Ethyl Benzene	10.05	91	20600	2.761	ug/l	92

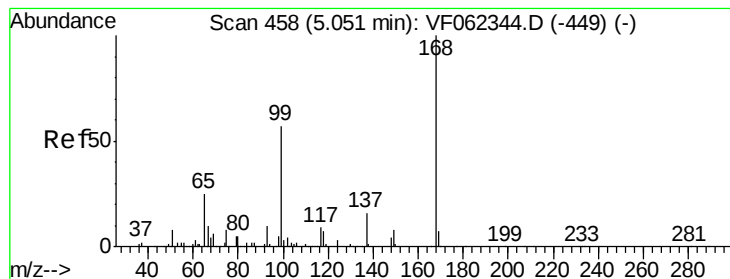
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF051319\
Data File : VF062568.D
Acq On : 14 May 2019 4:59
Operator : FY/SY
Sample : K2756-16
Misc : 5.30q/5mL/MSVOA F/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0002-01

Quant Time: May 16 09:31:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 462

Delta R.T. 0.03 min

Lab File: VF062568.D

Acq: 14 May 2019 4:59

Instrument :

MSVOA_F

ClientSampleId :

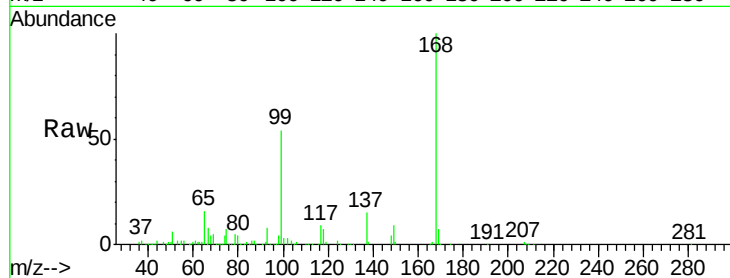
P021-SS008-0002-01

Tot Ion:168 Resp: 283812

Ion Ratio Lower Upper

168 100

99 53.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.08

100000

80000

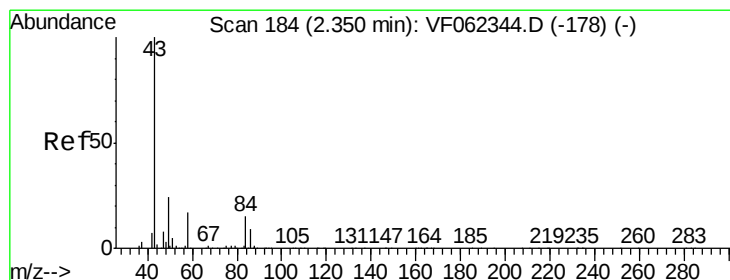
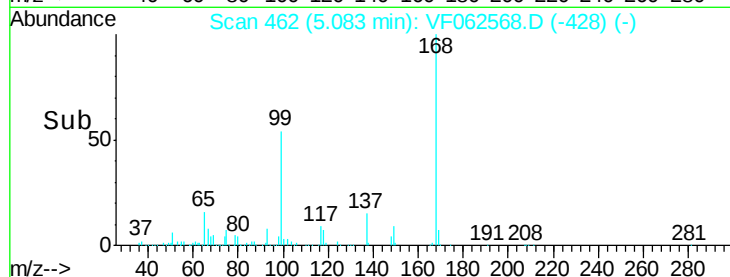
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20 5.30



#16

Acetone

Concen: 269.893 ug/l

RT: 2.36 min Scan# 186

Delta R.T. 0.01 min

Lab File: VF062568.D

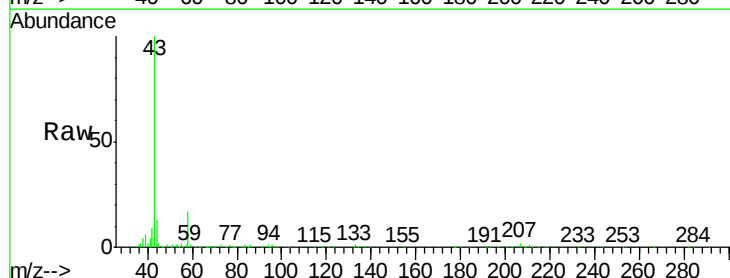
Acq: 14 May 2019 4:59

Tgt Ion: 43 Resp: 146438

Ion Ratio Lower Upper

43 100

58 17.6 13.1 19.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

60000

50000

40000

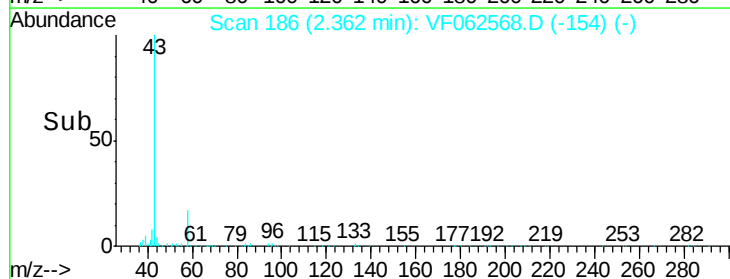
30000

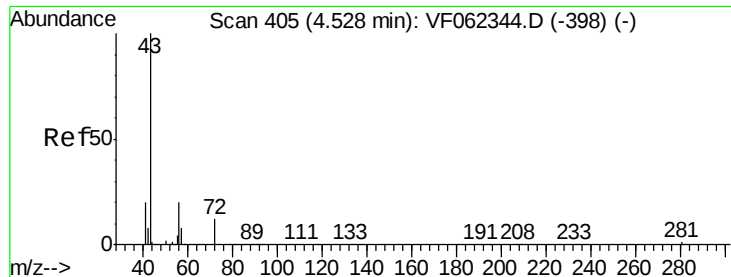
20000

10000

0

Time--> 2.30 2.40 2.50

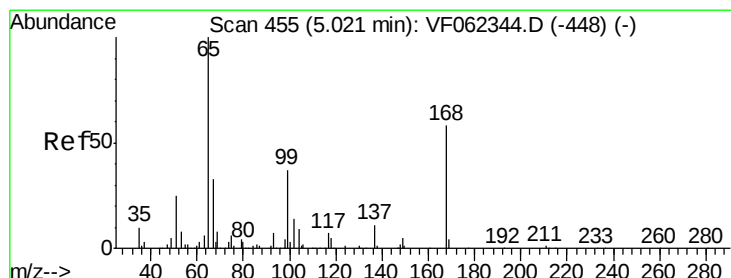
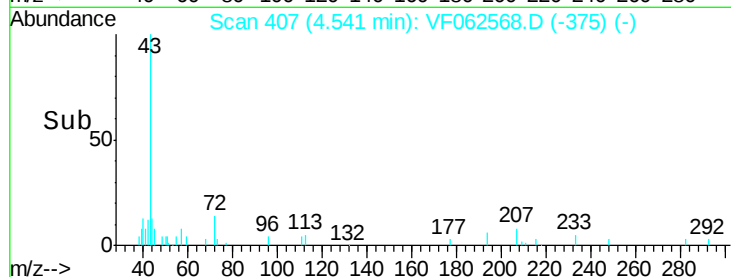
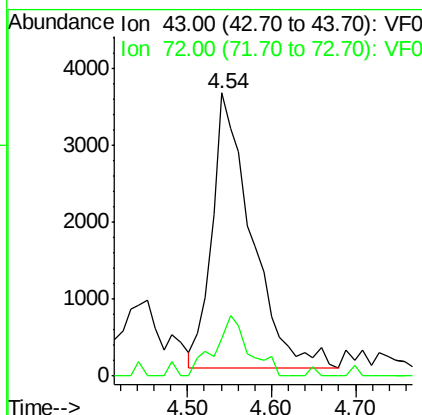
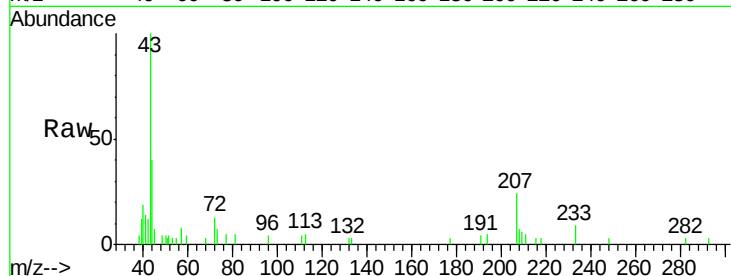




#25
2-Butanone
Concen: 17.082 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

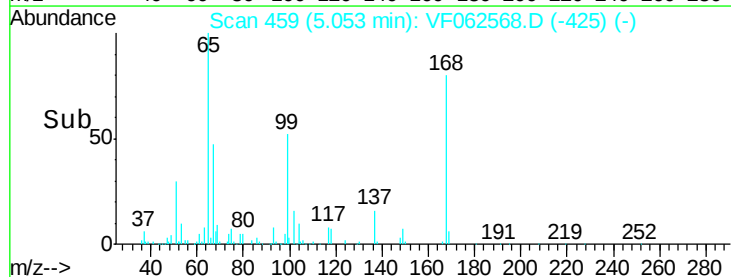
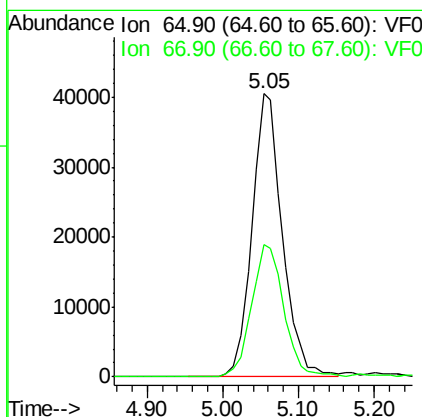
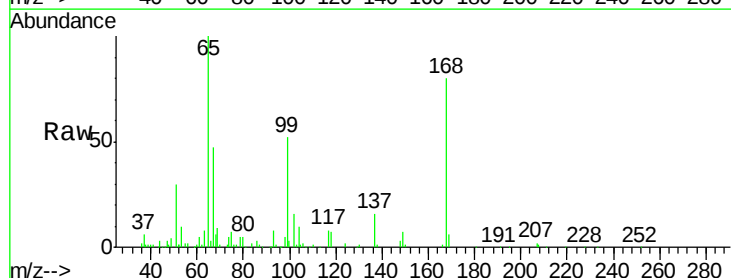
Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0002-01

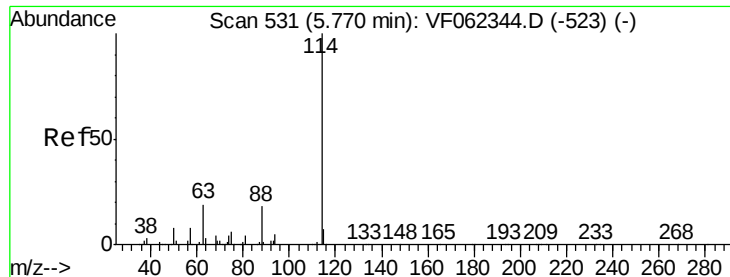
Tot Ion: 43 Resp: 11644
Ion Ratio Lower Upper
43 100
72 13.8 14.2 21.4#



#33
1,2-Dichloroethane-d4
Concen: 42.205 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion: 65 Resp: 113199
Ion Ratio Lower Upper
65 100
67 49.5 0.0 85.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 535

Delta R.T. 0.03 min

Lab File: VF062568.D

Acq: 14 May 2019 4:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS008-0002-01

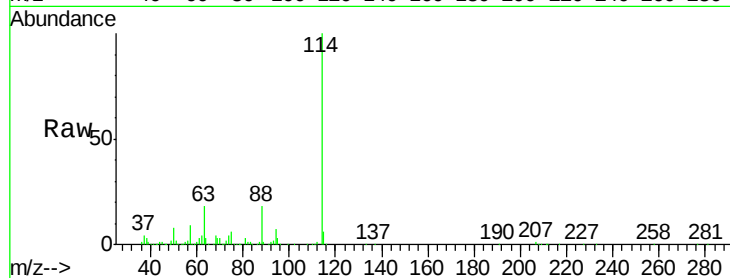
Tot Ion:114 Resp: 359560

Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.4

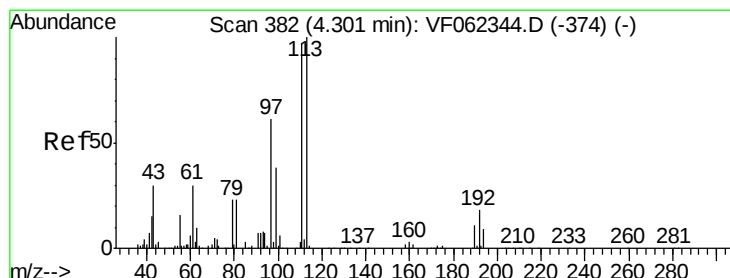
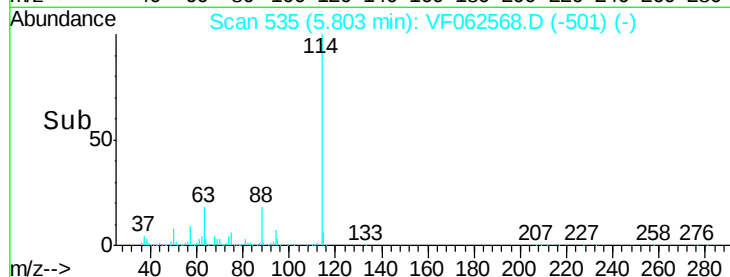
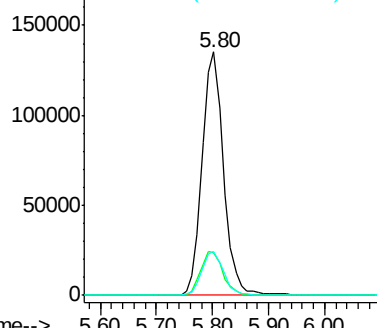
88 18.0 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 46.975 ug/l

RT: 4.33 min Scan# 386

Delta R.T. 0.03 min

Lab File: VF062568.D

Acq: 14 May 2019 4:59

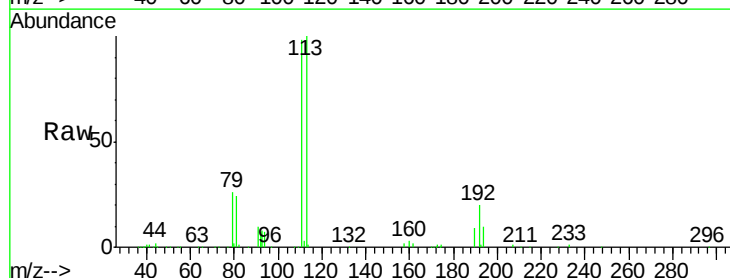
Tgt Ion:113 Resp: 134563

Ion Ratio Lower Upper

113 100

111 99.9 79.4 119.0

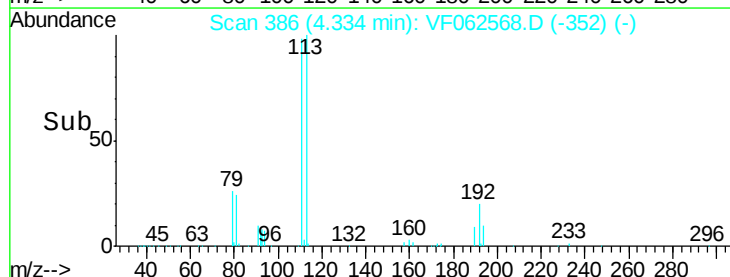
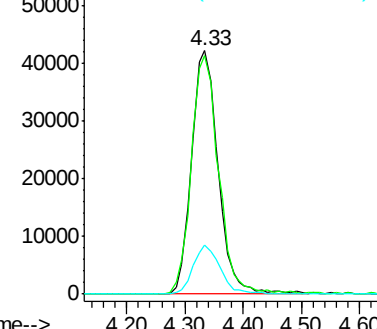
192 20.4 16.0 24.0

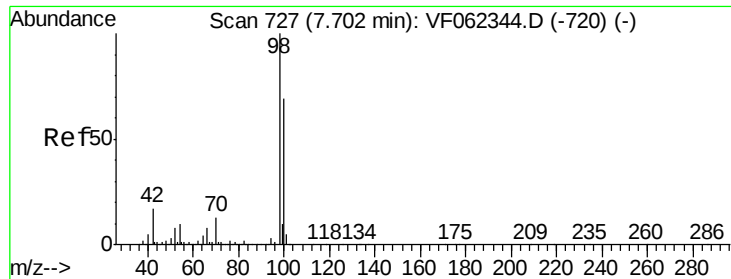


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.861 ug/l

RT: 7.73 min Scan# 731

Delta R.T. 0.03 min

Lab File: VF062568.D

Acq: 14 May 2019 4:59

Instrument :

MSVOA_F

ClientSampleId :

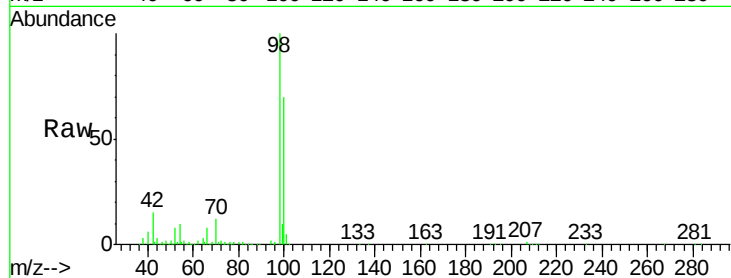
P021-SS008-0002-01

Tot Ion: 98 Resp: 269466

Ion Ratio Lower Upper

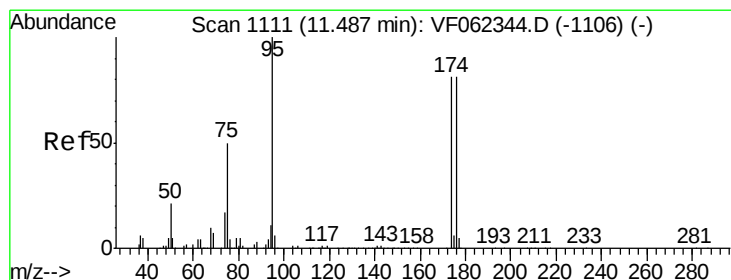
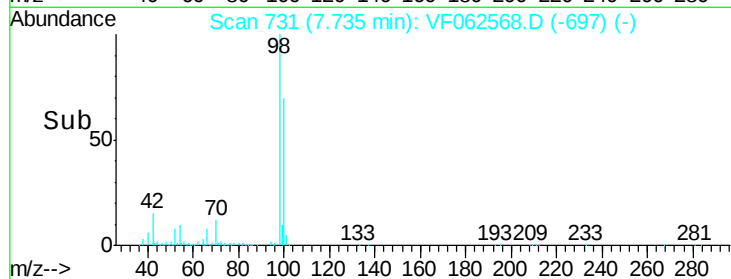
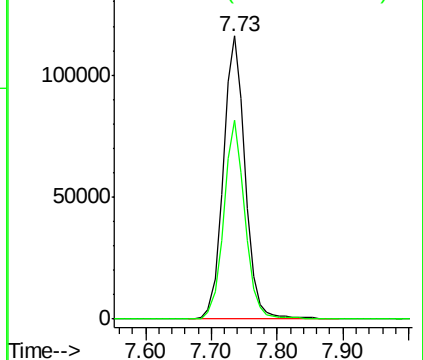
98 100

100 68.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#62

4-Bromofluorobenzene

Concen: 28.621 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VF062568.D

Acq: 14 May 2019 4:59

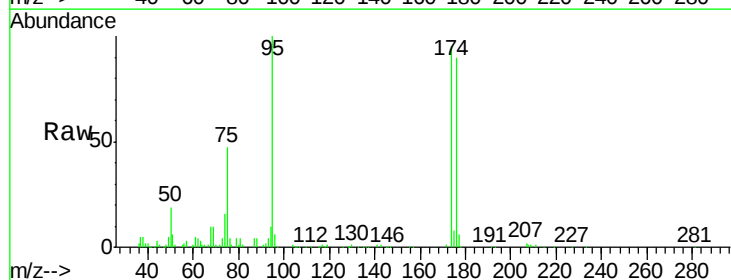
Tgt Ion: 95 Resp: 89537

Ion Ratio Lower Upper

95 100

174 102.4 0.0 191.8

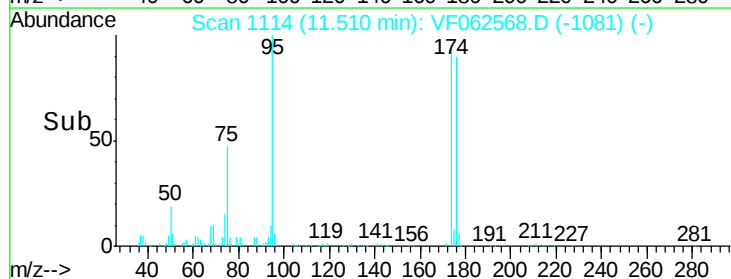
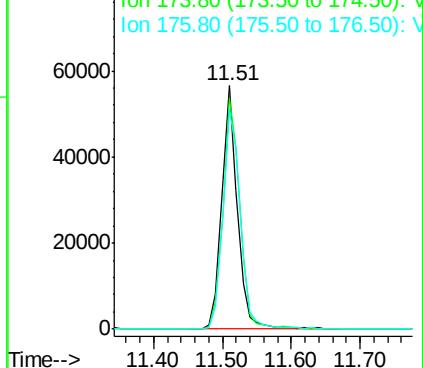
176 98.6 0.0 193.2

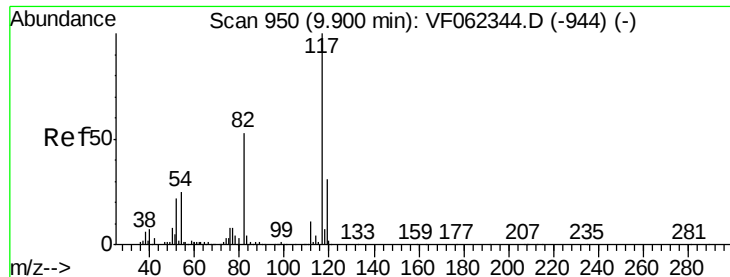


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 954

Delta R.T. 0.03 min

Lab File: VF062568.D

Acq: 14 May 2019 4:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS008-0002-01

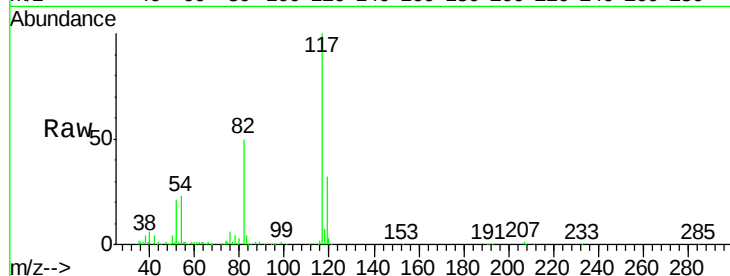
Tot Ion:117 Resp: 257519

Ion Ratio Lower Upper

117 100

82 49.9 42.2 63.2

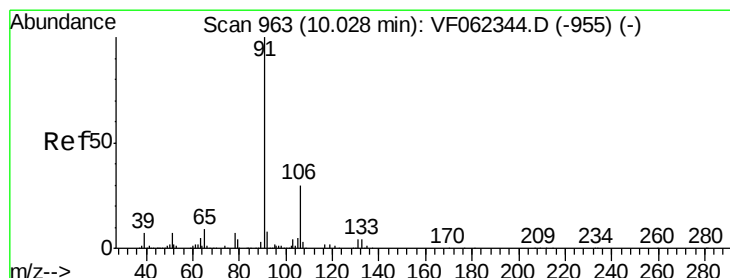
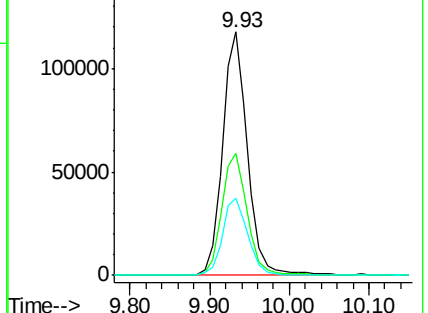
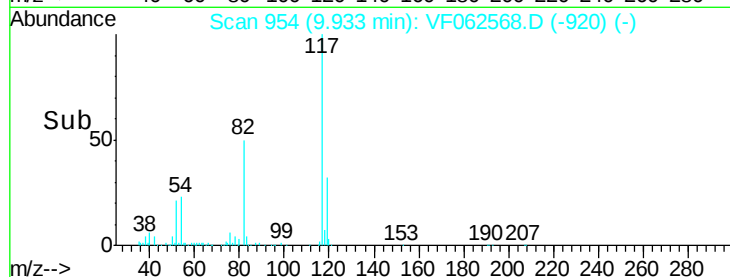
119 31.6 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 2.761 ug/l

RT: 10.05 min Scan# 966

Delta R.T. 0.02 min

Lab File: VF062568.D

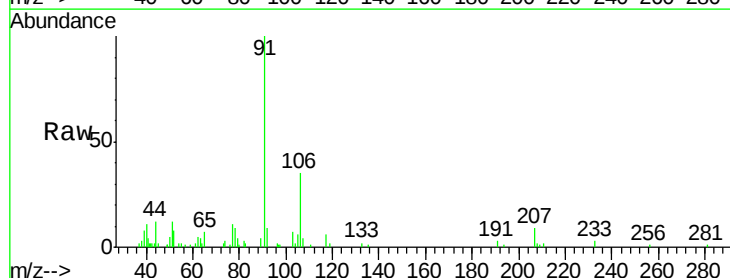
Acq: 14 May 2019 4:59

Tgt Ion: 91 Resp: 20600

Ion Ratio Lower Upper

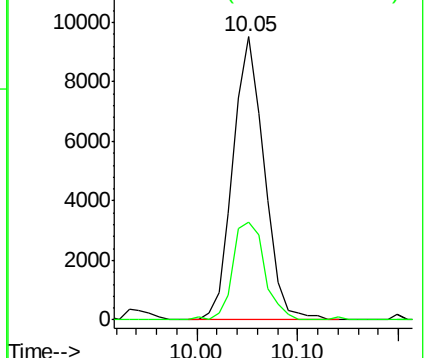
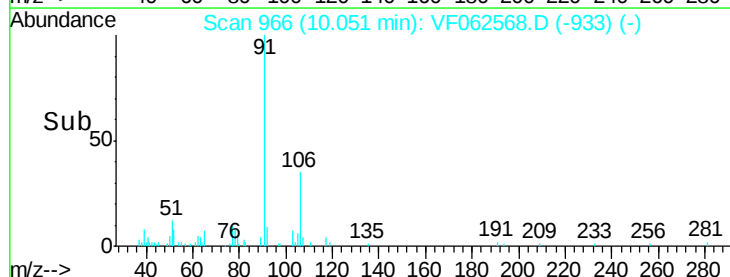
91 100

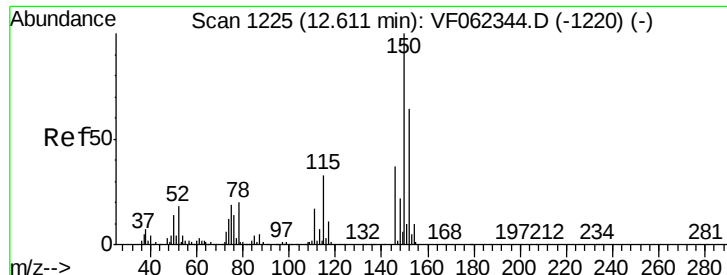
106 34.7 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. 0.01 min

Lab File: VF062568.D

Acq: 14 May 2019 4:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS008-0002-01

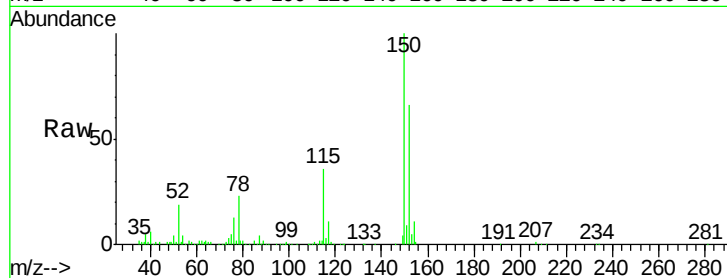
Tot Ion:152 Resp: 97574

Ion Ratio Lower Upper

152 100

115 55.7 26.4 79.2

150 156.2 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

