

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030519\
 Data File : VF061854.D
 Acq On : 5 Mar 2019 19:29
 Operator : VA/AP
 Sample : K1707-03
 Misc : 4.71q/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S11

Quant Time: Mar 06 06:23:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

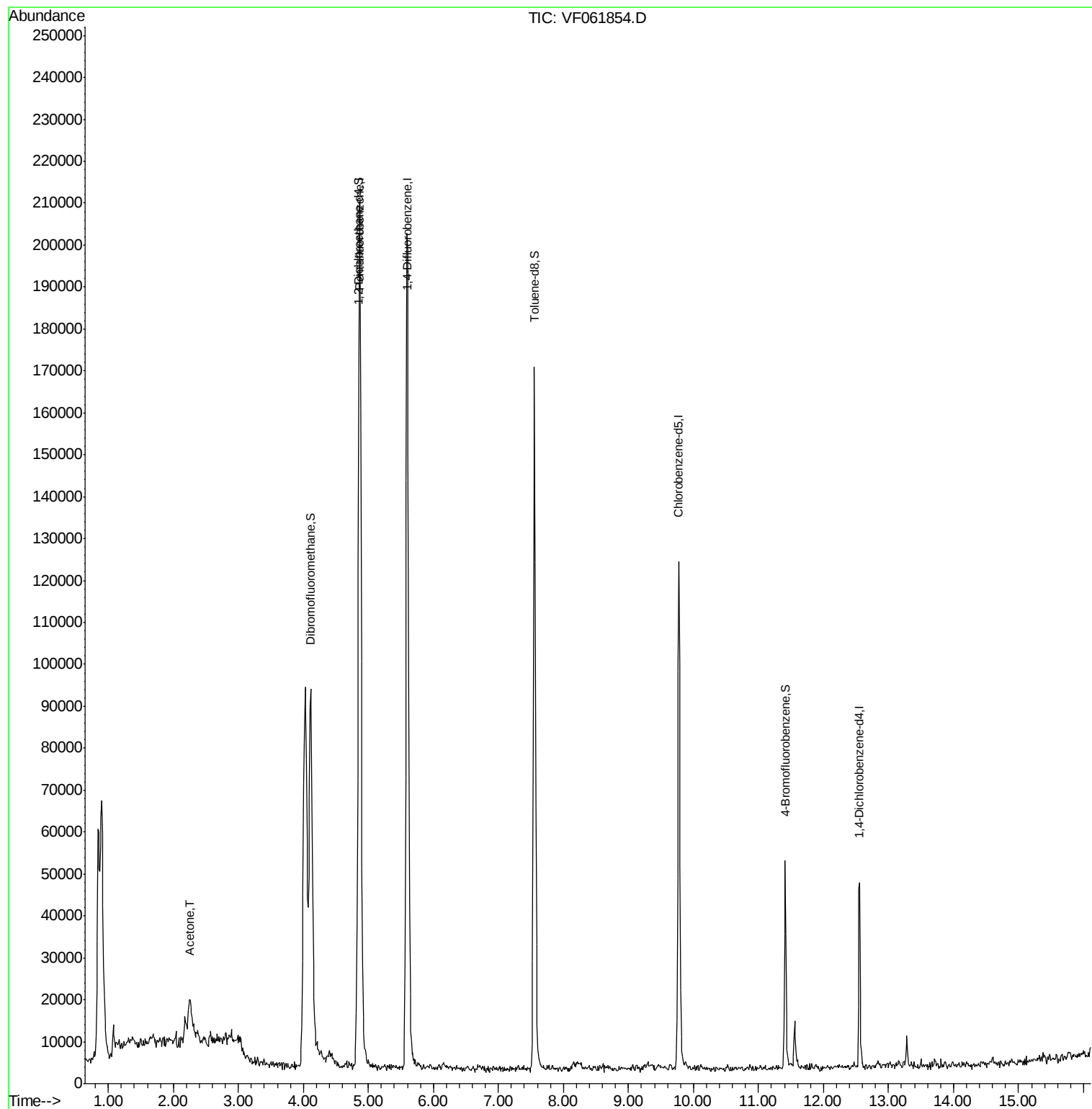
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	200072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	259397	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	101298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	13867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	57213	39.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.54%	
35) Dibromofluoromethane	4.11	113	85151	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
50) Toluene-d8	7.56	98	147475	27.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.82%	
62) 4-Bromofluorobenzene	11.41	95	19532	9.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.54%	
Target Compounds						
16) Acetone	2.24	43	13615	44.610	ug/l	Qvalue 99

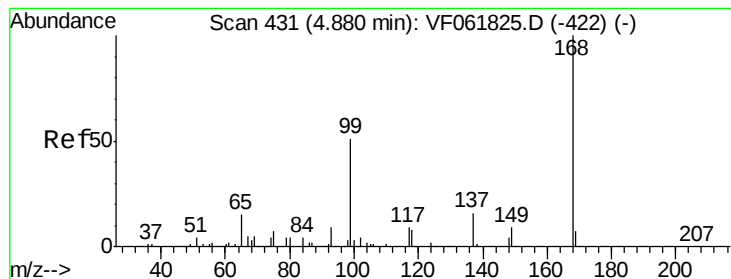
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

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Instrument :

MSVOA_F

ClientSampleId :

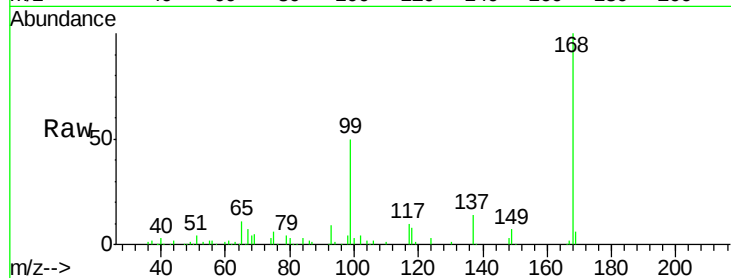
S11

Tot Ion:168 Resp: 200072

Ion Ratio Lower Upper

168 100

99 50.0 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

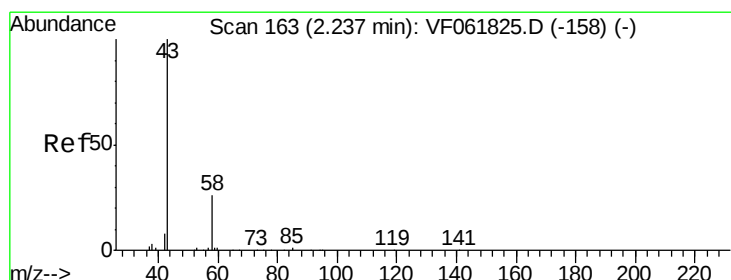
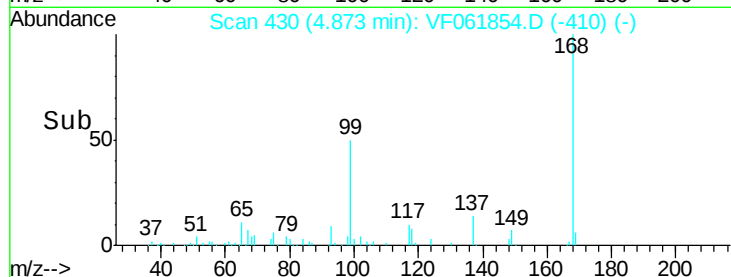
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 44.610 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061854.D

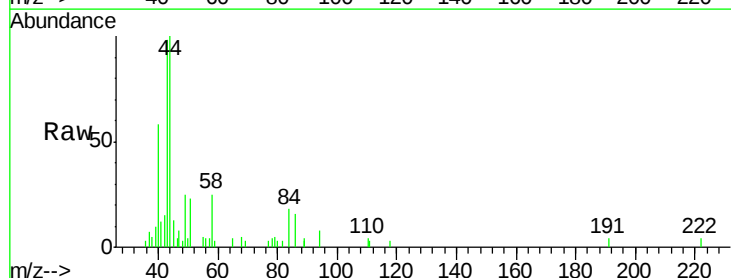
Acq: 5 Mar 2019 19:29

Tgt Ion: 43 Resp: 13615

Ion Ratio Lower Upper

43 100

58 25.7 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

4000

3000

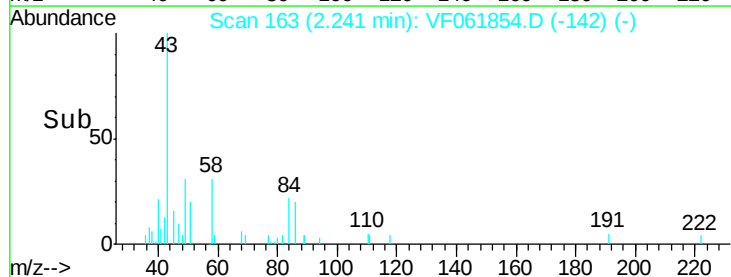
2000

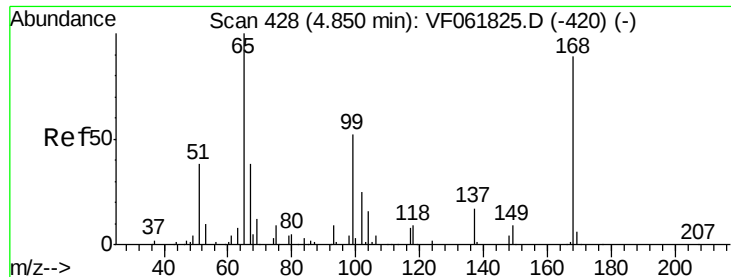
1000

0

2.10 2.20 2.30 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 39.267 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061854.D

Acq: 5 Mar 2019 19:29

Instrument :

MSVOA_F

ClientSampled :

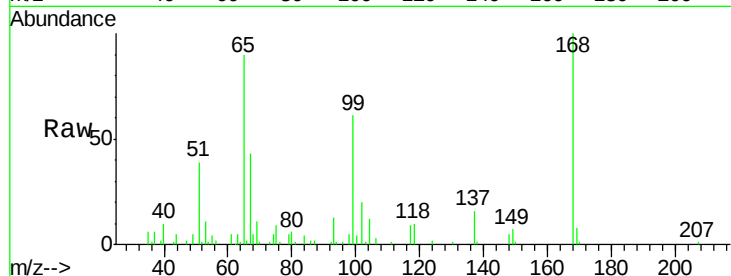
S11

Tot Ion: 65 Resp: 57213

Ion Ratio Lower Upper

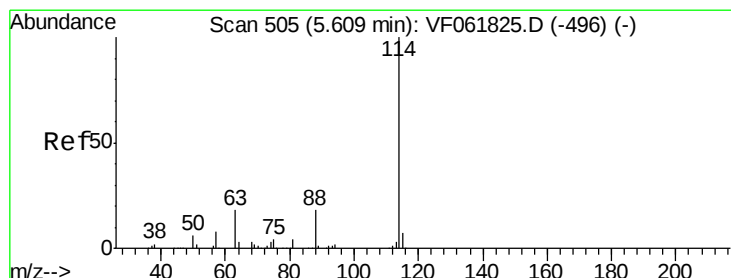
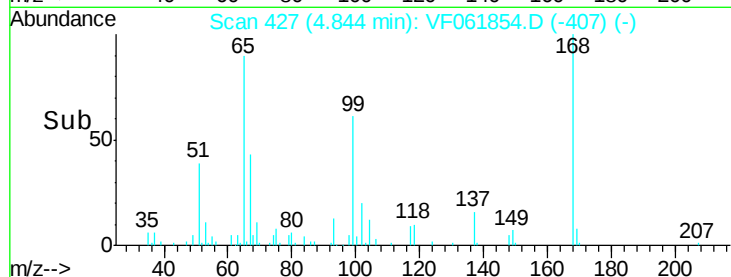
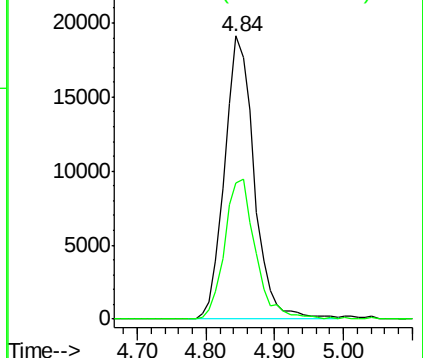
65 100

67 48.1 0.0 108.6



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: 5.59 min Scan# 503

Delta R.T. -0.02 min

Lab File: VF061854.D

Acq: 5 Mar 2019 19:29

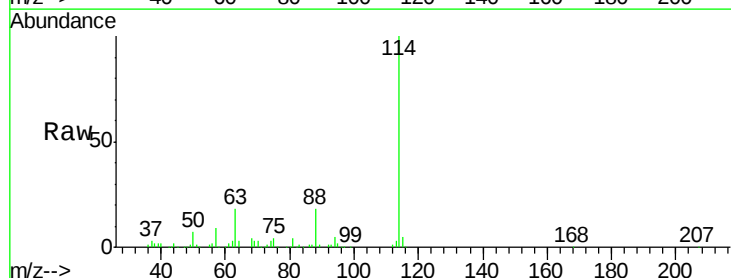
Tgt Ion: 114 Resp: 259397

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

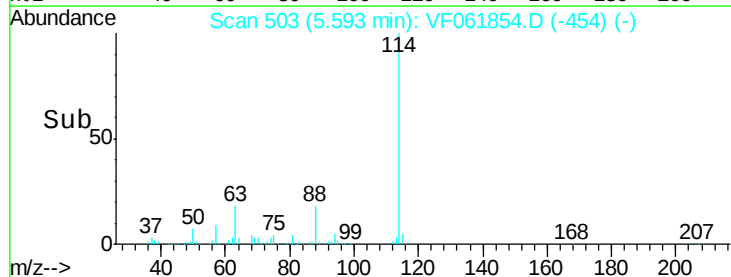
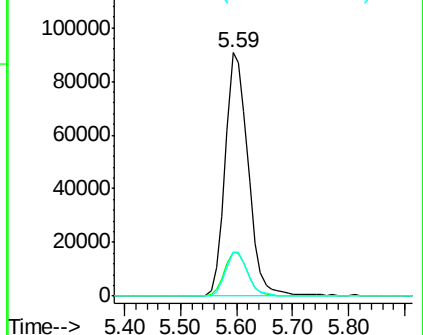
88 17.8 0.0 35.6

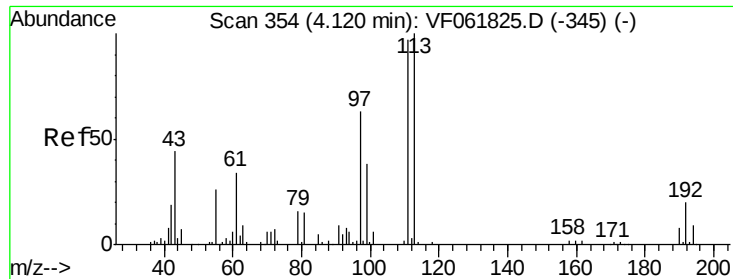


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 47.038 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061854.D

Acq: 5 Mar 2019 19:29

Instrument :
MSVOA_F
ClientSampleId :
S11

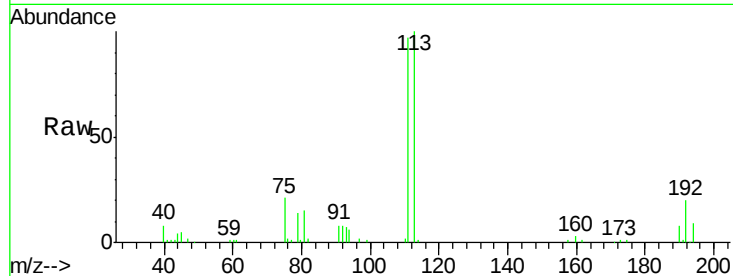
Tot Ion:113 Resp: 85151

Ion Ratio Lower Upper

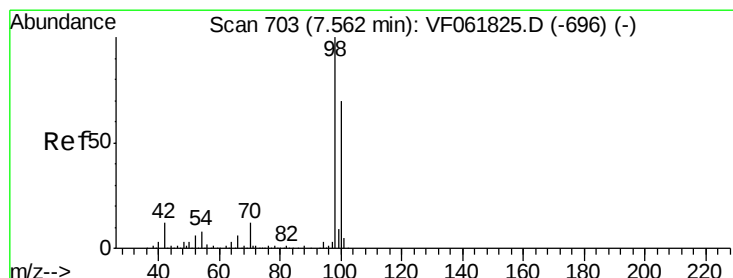
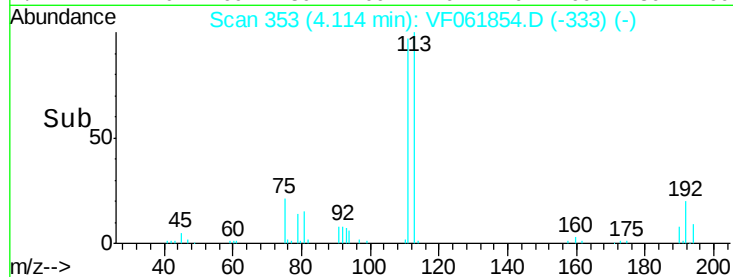
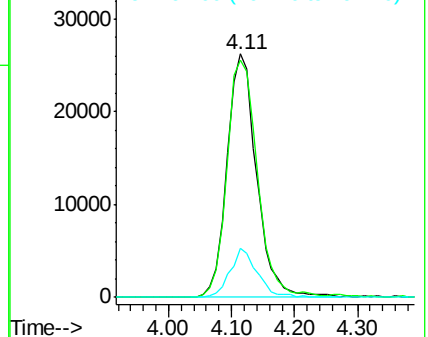
113 100

111 97.4 77.6 116.4

192 20.2 15.9 23.9



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: 27.409 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061854.D

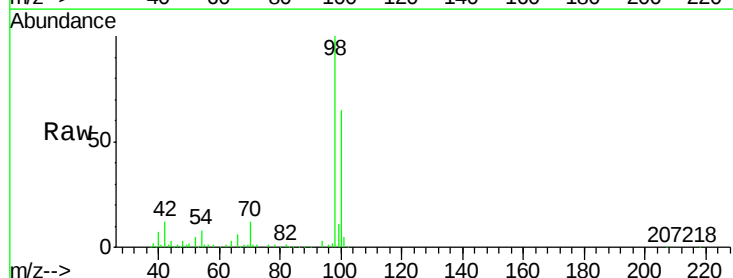
Acq: 5 Mar 2019 19:29

Tgt Ion: 98 Resp: 147475

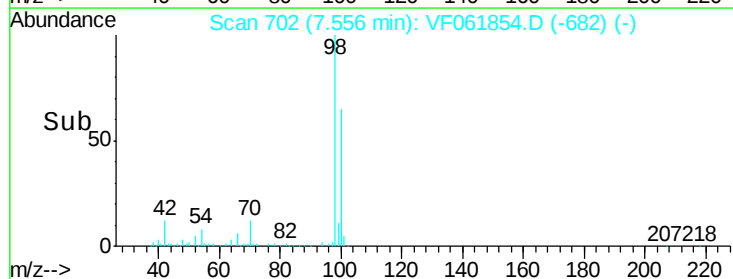
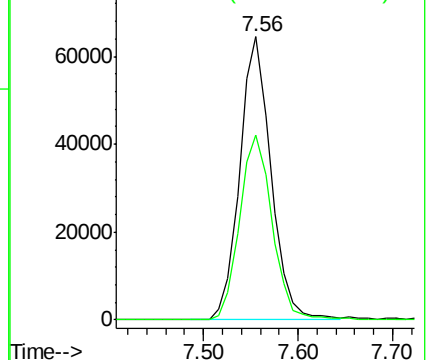
Ion Ratio Lower Upper

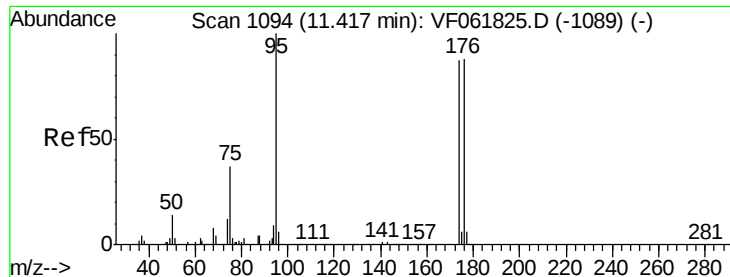
98 100

100 65.1 56.0 84.0



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 9.267 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061854.D

Acq: 5 Mar 2019 19:29

Instrument :

MSVOA_F

ClientSampleId :

S11

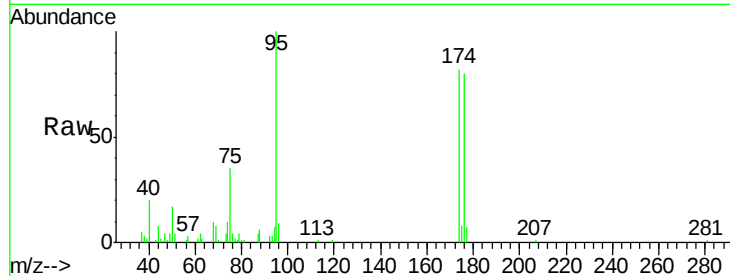
Tot Ion: 95 Resp: 19532

Ion Ratio Lower Upper

95 100

174 82.1 0.0 174.0

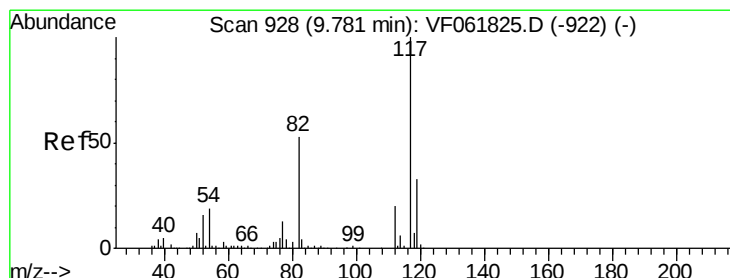
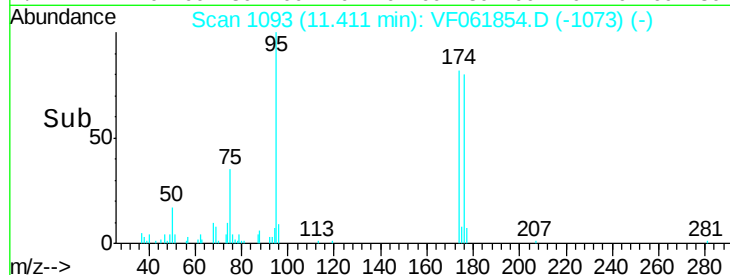
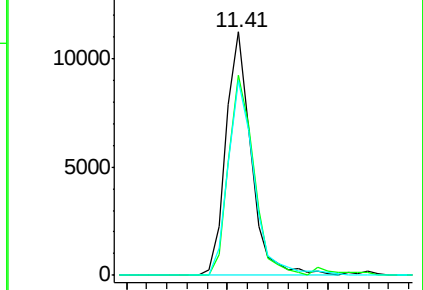
176 80.0 0.0 175.2



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: 9.77 min Scan# 927

Delta R.T. -0.01 min

Lab File: VF061854.D

Acq: 5 Mar 2019 19:29

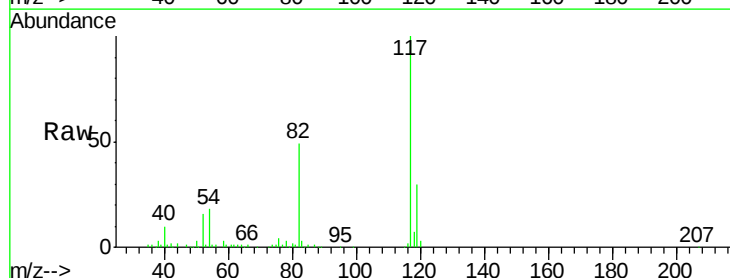
Tgt Ion: 117 Resp: 101298

Ion Ratio Lower Upper

117 100

82 48.7 42.6 63.8

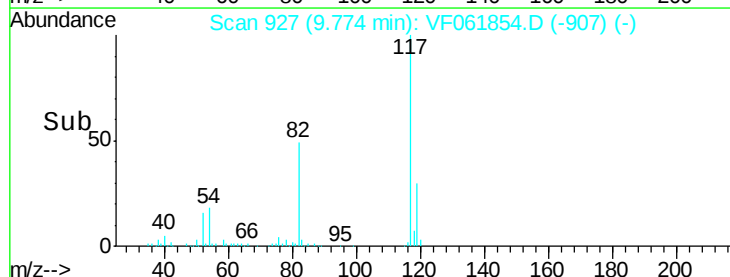
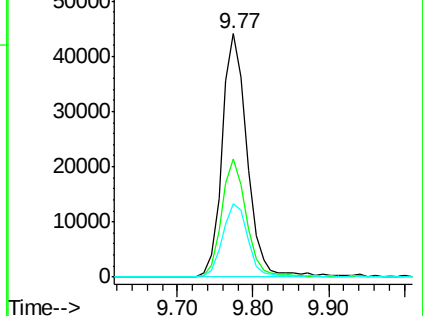
119 30.0 26.0 39.0

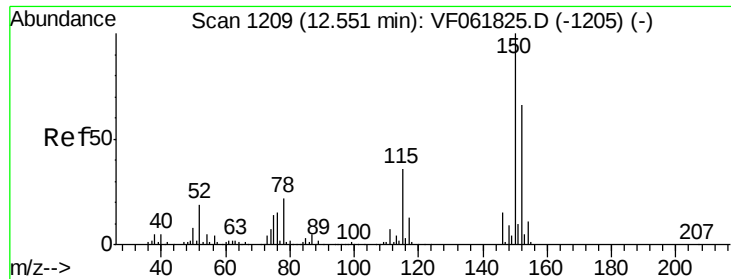


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: 12.55 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF061854.D

Acq: 5 Mar 2019 19:29

Instrument :

MSVOA_F

ClientSampleId :

S11

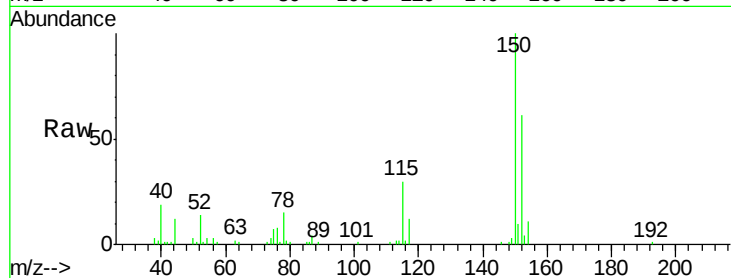
Tot Ion:152 Resp: 13867

Ion Ratio Lower Upper

152 100

115 48.6 27.7 83.1

150 163.3 0.0 304.2



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

