

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
 Data File : VF061709.D
 Acq On : 22 Feb 2019 15:17
 Operator : VA/AP
 Sample : K1592-01
 Misc : 8.13g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-4-S1

Quant Time: Feb 23 03:07:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

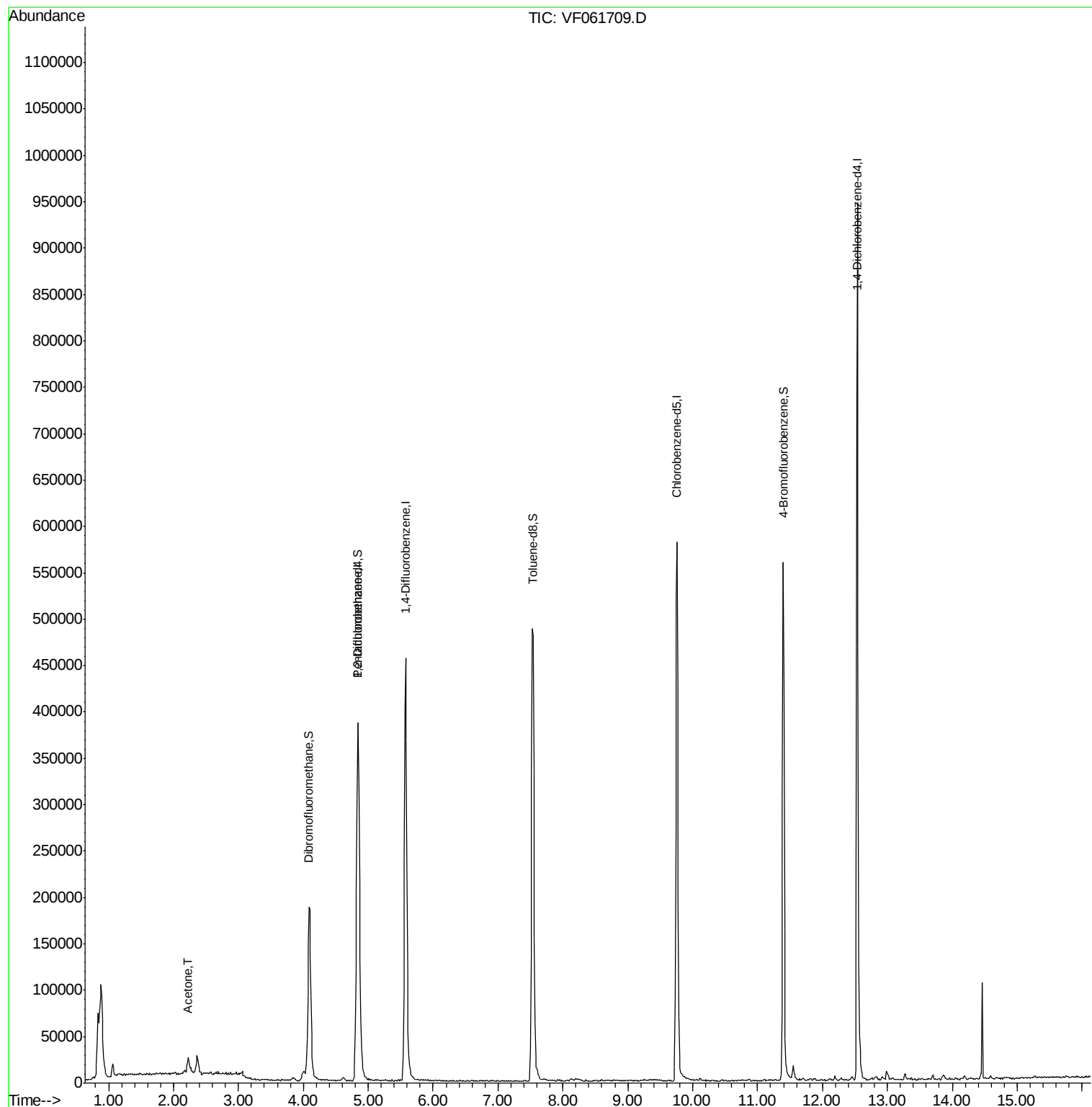
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	378838	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	566991	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	483970	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	278297	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	128434	46.23	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.46%	
35) Dibromofluoromethane	4.09	113	191122	45.39	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	90.78%	
50) Toluene-d8	7.53	98	474215	39.18	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	78.36%	
62) 4-Bromofluorobenzene	11.40	95	211669	43.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.44%	
Target Compounds						
16) Acetone	2.23	43	22107	37.089	ug/l	Qvalue 93

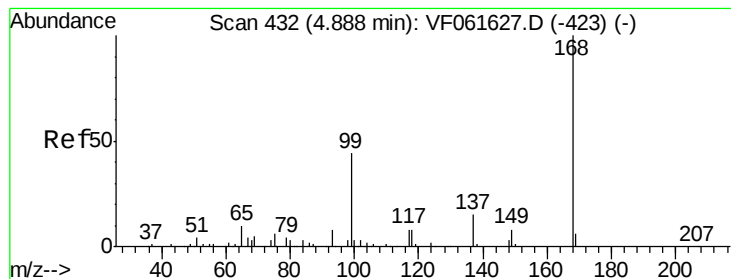
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061709.D

Acq: 22 Feb 2019 15:17

Instrument :

MSVOA_F

ClientSampleId :

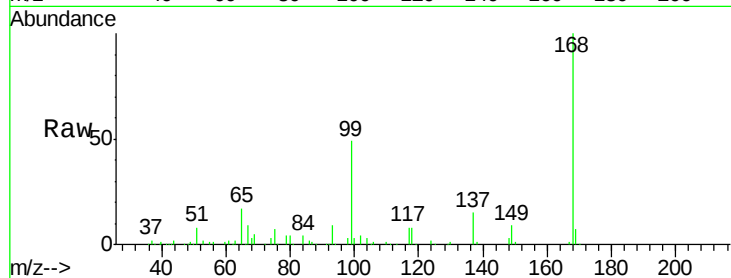
TP-4-S1

Tot Ion:168 Resp: 378838

Ion Ratio Lower Upper

168 100

99 49.2 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

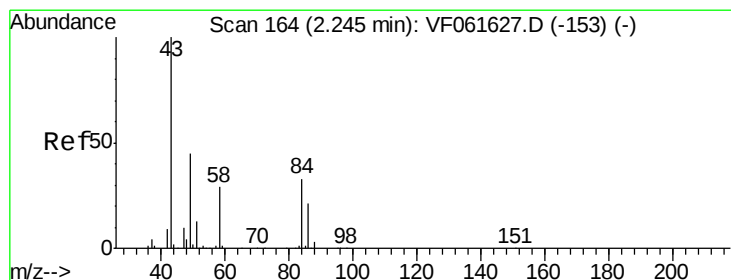
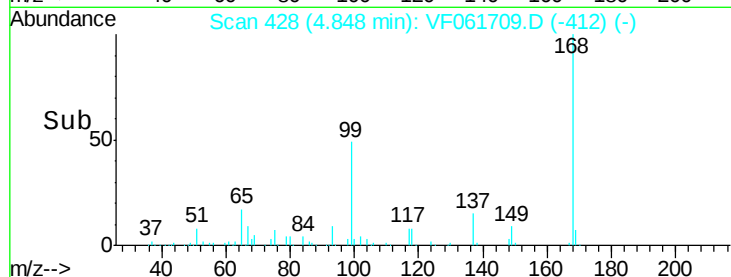
100000

50000

0

Time-->

4.80 5.00



#16

Acetone

Concen: 37.089 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061709.D

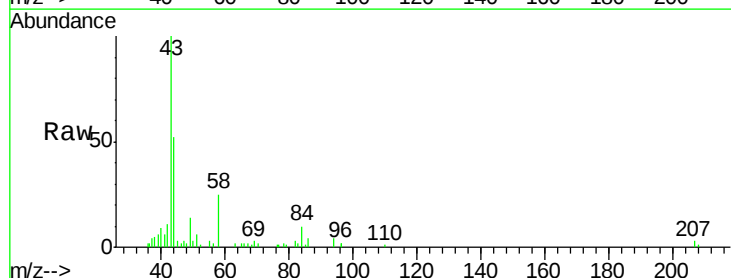
Acq: 22 Feb 2019 15:17

Tgt Ion: 43 Resp: 22107

Ion Ratio Lower Upper

43 100

58 24.6 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

10000

8000

6000

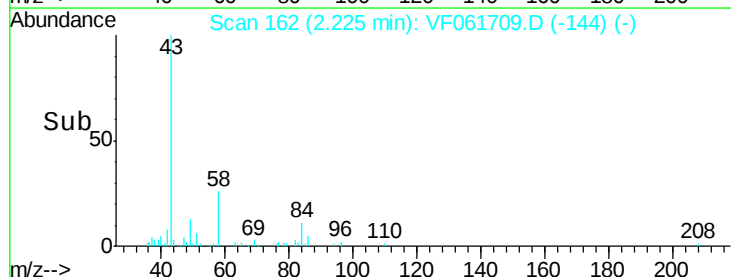
4000

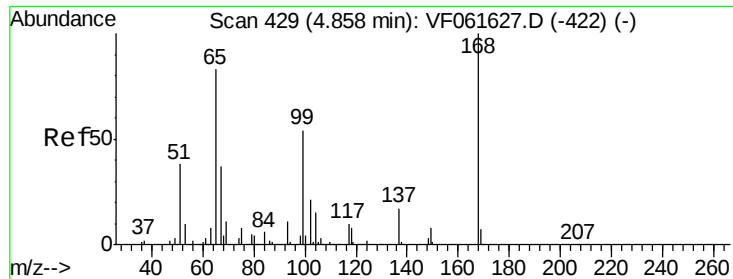
2000

0

Time-->

2.10 2.20 2.30





#33

1,2-Dichloroethane-d4

Concen: 46.231 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.03 min

Lab File: VF061709.D

Acq: 22 Feb 2019 15:17

Instrument :

MSVOA_F

ClientSampleId :

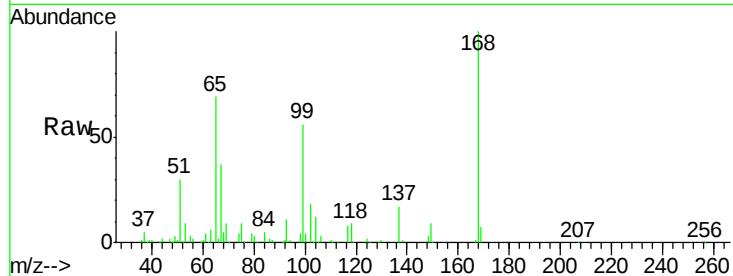
TP-4-S1

Tot Ion: 65 Resp: 128434

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.0

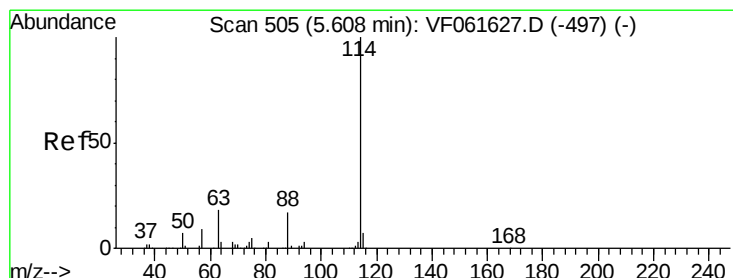
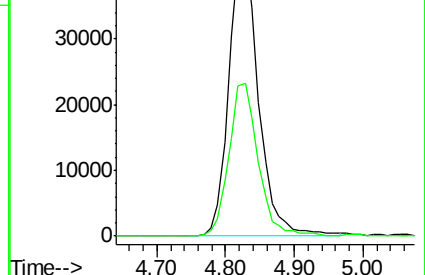
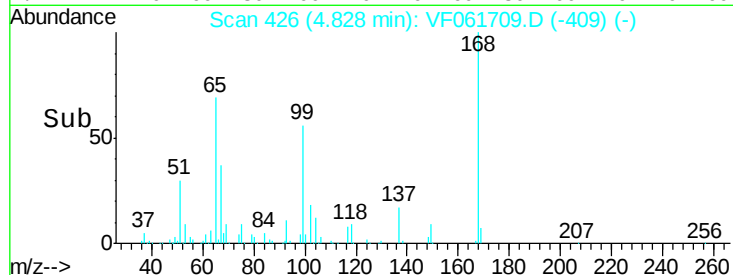


Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

4.83



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061709.D

Acq: 22 Feb 2019 15:17

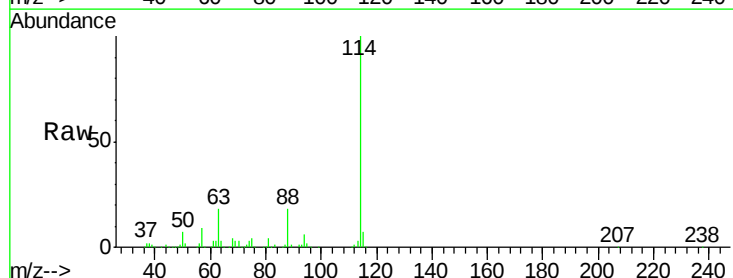
Tgt Ion: 114 Resp: 566991

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 17.7 0.0 34.4



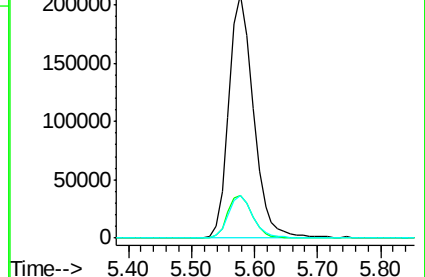
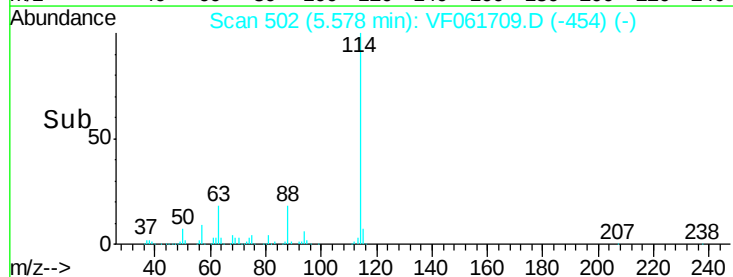
Abundance Ion 114.00 (113.70 to 114.70): V

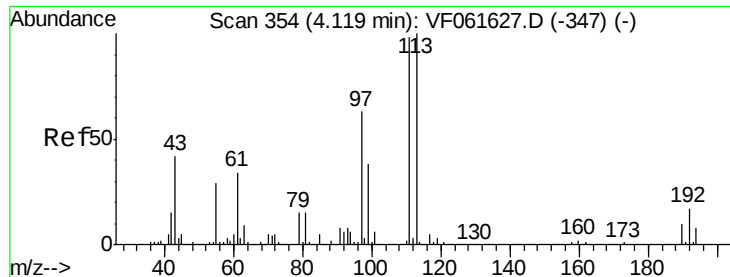
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

5.58

5.58





#35

Dibromofluoromethane

Concen: 45.392 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061709.D

Acq: 22 Feb 2019 15:17

Instrument :
MSVOA_F
ClientSampleId :
TP-4-S1

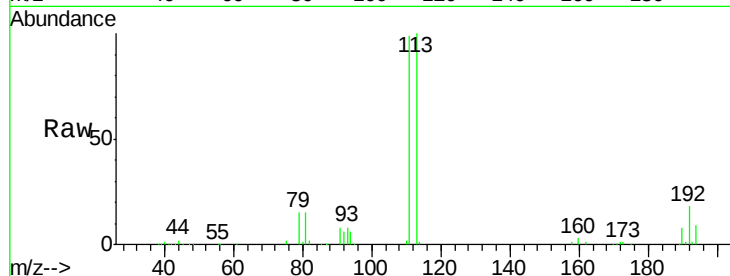
Tot Ion:113 Resp: 191122

Ion Ratio Lower Upper

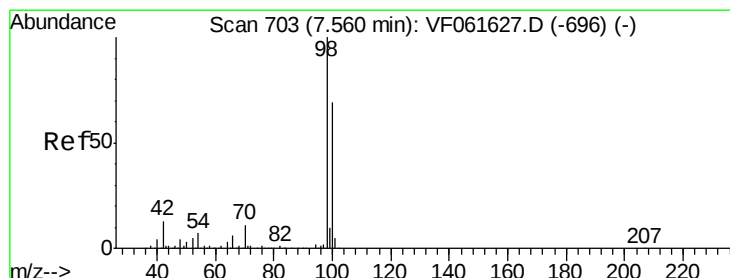
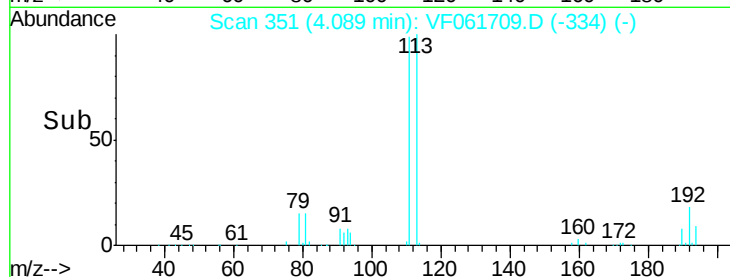
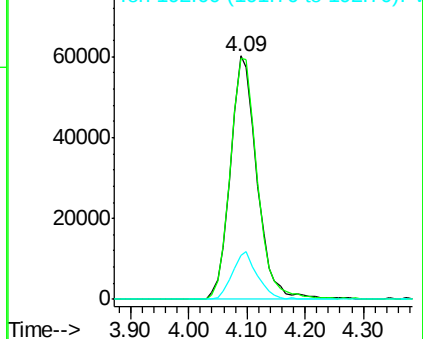
113 100

111 98.8 78.8 118.2

192 18.0 13.4 20.0



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: 39.178 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061709.D

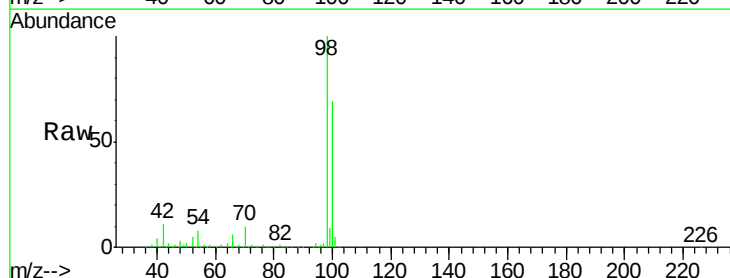
Acq: 22 Feb 2019 15:17

Tgt Ion: 98 Resp: 474215

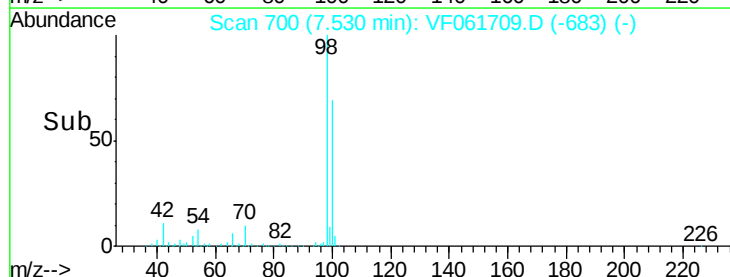
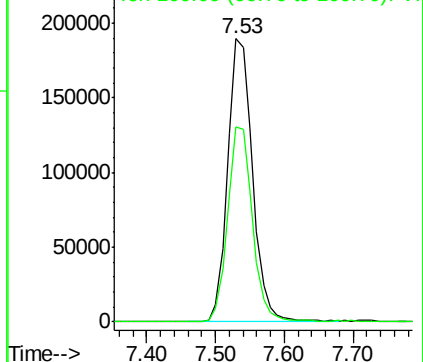
Ion Ratio Lower Upper

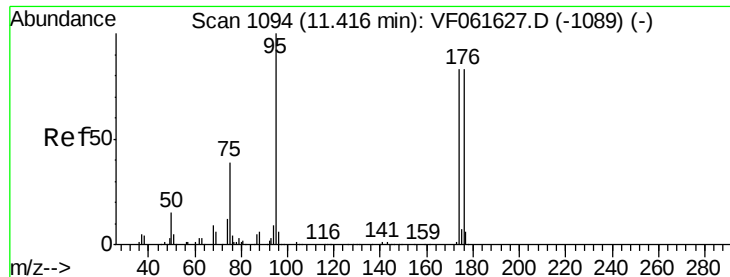
98 100

100 68.9 55.4 83.2



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





#62

4-Bromofluorobenzene

Concen: 43.220 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061709.D

Acq: 22 Feb 2019 15:17

Instrument :

MSVOA_F

ClientSampleId :

TP-4-S1

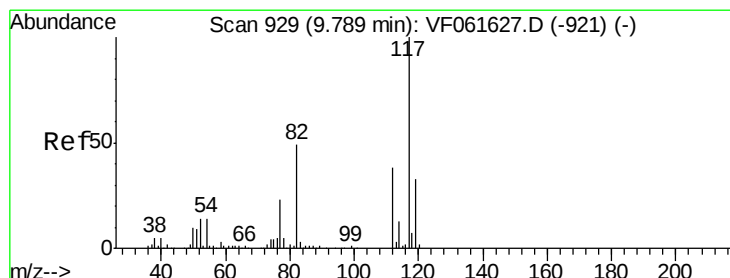
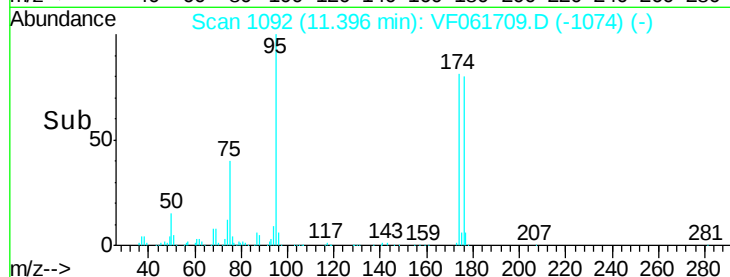
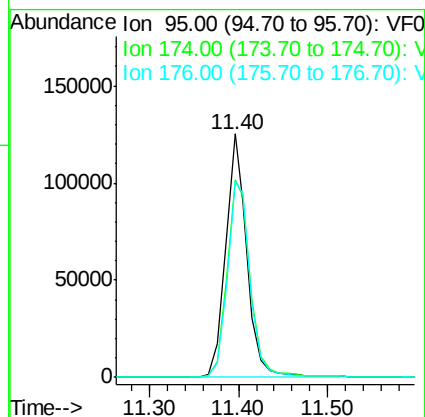
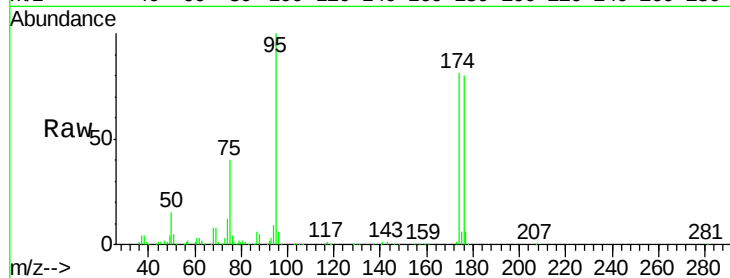
Tot Ion: 95 Resp: 211669

Ion Ratio Lower Upper

95 100

174 81.2 0.0 165.8

176 80.5 0.0 167.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.03 min

Lab File: VF061709.D

Acq: 22 Feb 2019 15:17

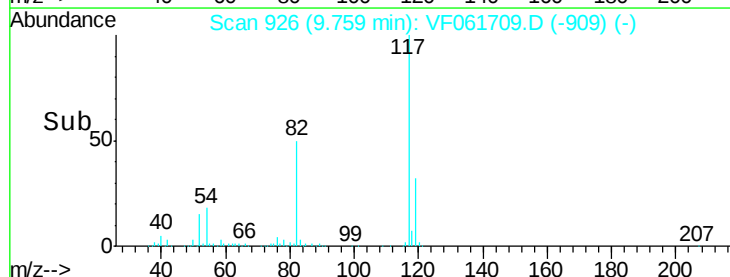
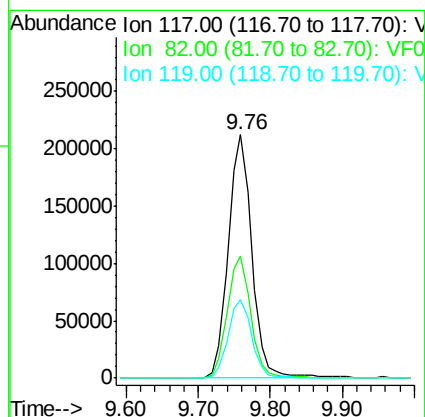
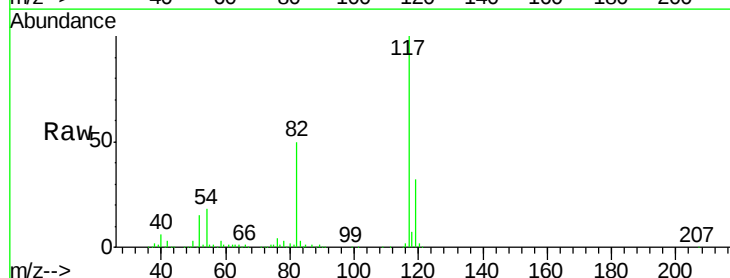
Tgt Ion: 117 Resp: 483970

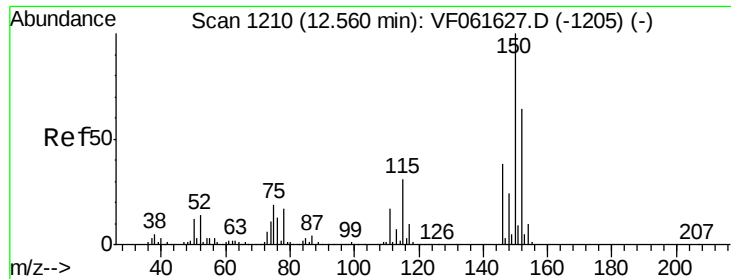
Ion Ratio Lower Upper

117 100

82 50.0 39.3 58.9

119 32.4 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF061709.D

Acq: 22 Feb 2019 15:17

Instrument :

MSVOA_F

ClientSampleId :

TP-4-S1

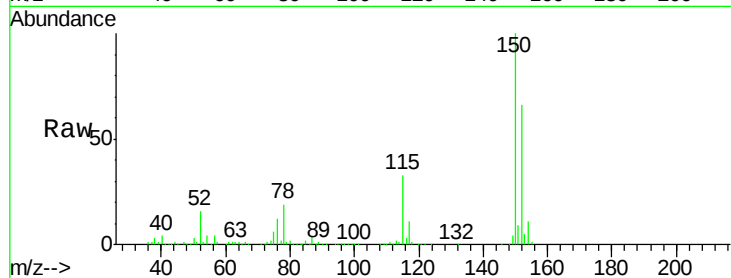
Tot Ion:152 Resp: 278297

Ion Ratio Lower Upper

152 100

115 49.9 24.3 72.8

150 151.1 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

