

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022819\
 Data File : VF061792.D
 Acq On : 28 Feb 2019 17:23
 Operator : VA/AP
 Sample : K1340-01
 Misc : 7.34g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-03-022719

Quant Time: Mar 01 07:04:09 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

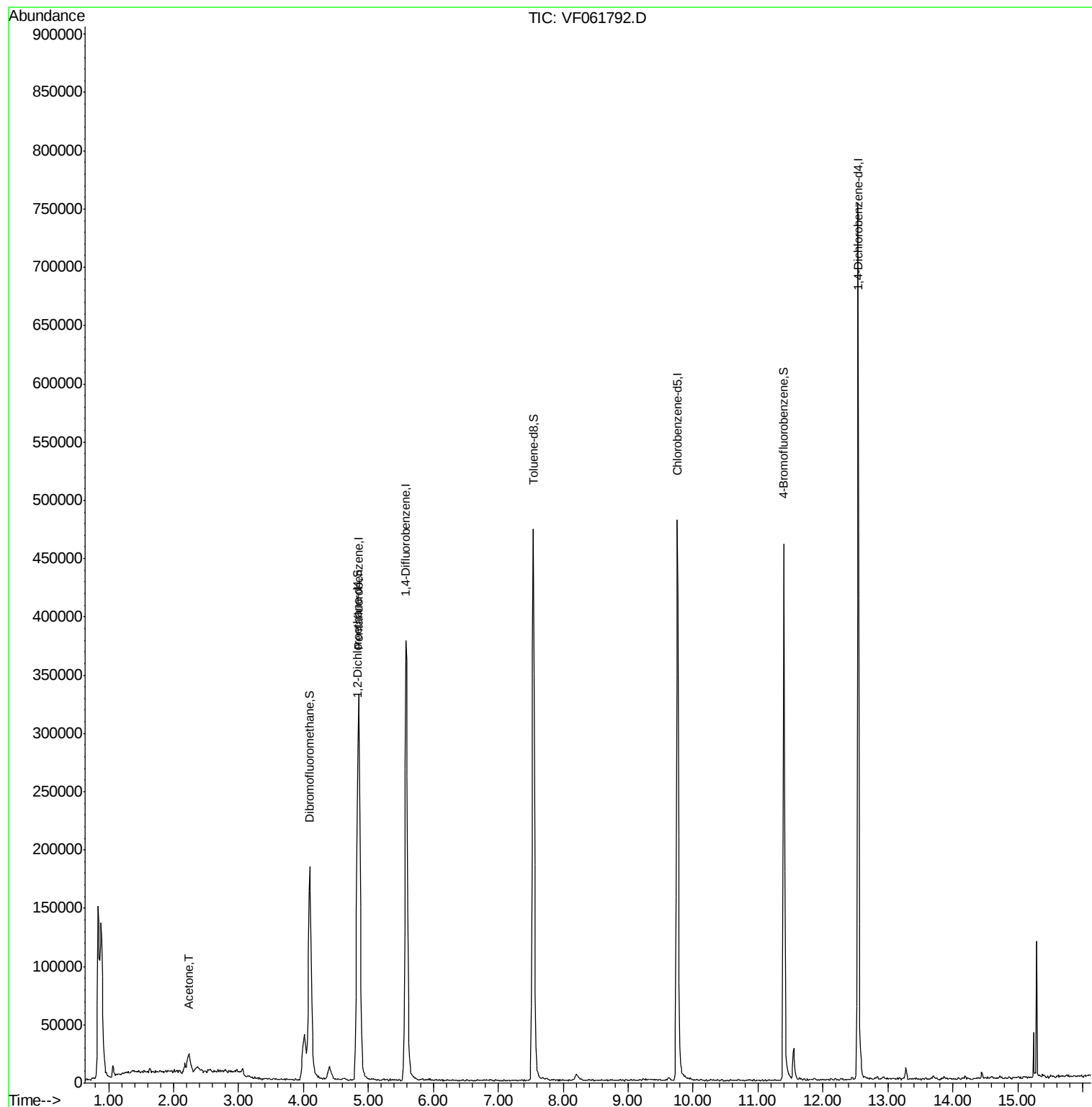
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	300787	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	479052	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	390710	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	208169	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	126159	57.20	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	114.40%	
35) Dibromofluoromethane	4.10	113	177386	49.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	7.54	98	401663	39.28	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.56%	
62) 4-Bromofluorobenzene	11.40	95	184221	44.52	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	89.04%	
Target Compounds						
16) Acetone	2.23	43	14355	30.333	ug/l	Qvalue 90

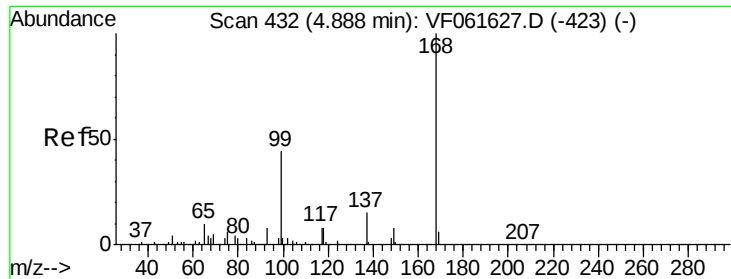
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061792.D

Acq: 28 Feb 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

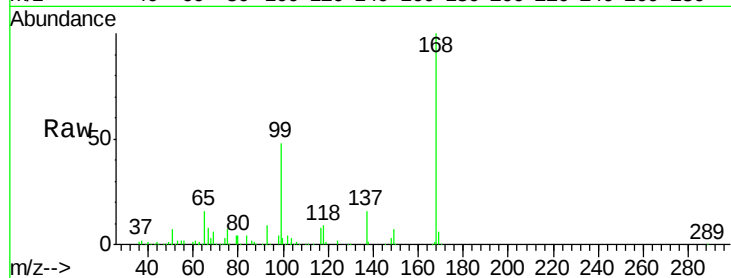
BU-03-022719

Tot Ion:168 Resp: 300787

Ion Ratio Lower Upper

168 100

99 48.5 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

100000

80000

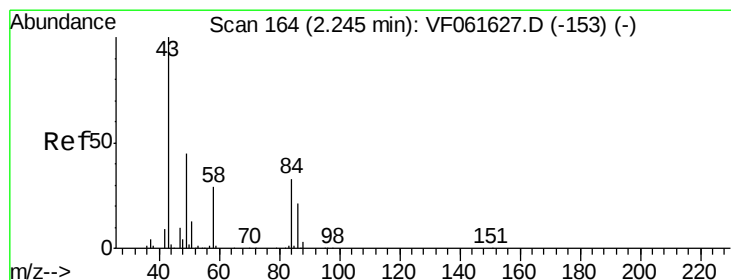
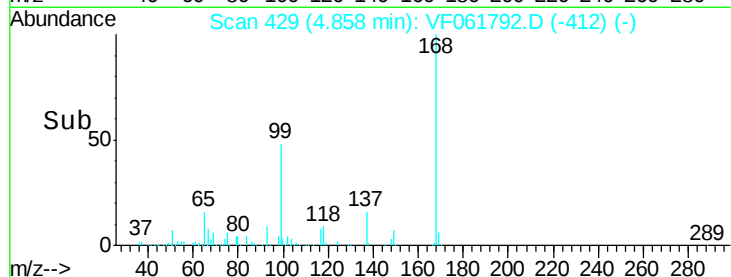
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 30.333 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061792.D

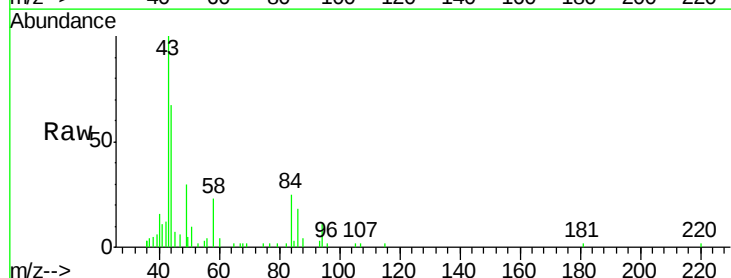
Acq: 28 Feb 2019 17:23

Tgt Ion: 43 Resp: 14355

Ion Ratio Lower Upper

43 100

58 23.1 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

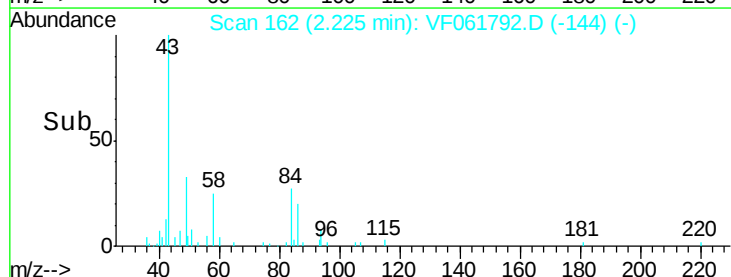
6000

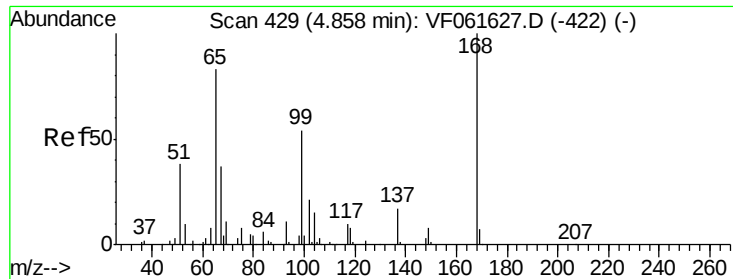
4000

2000

0

Time-->

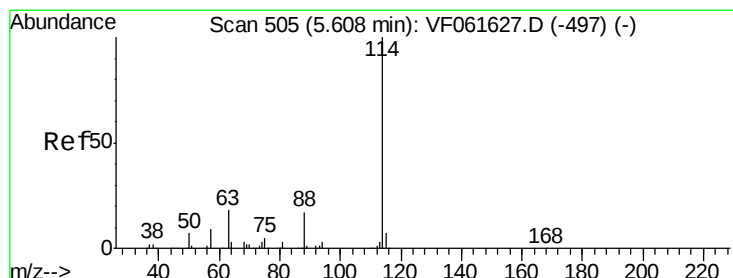
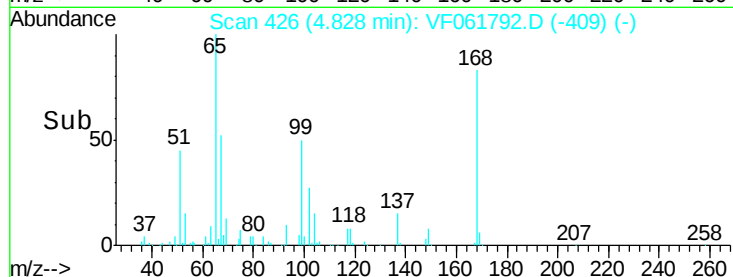
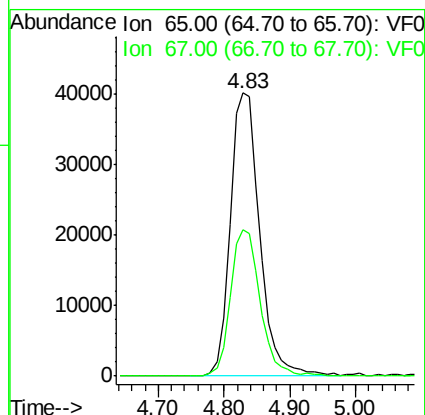
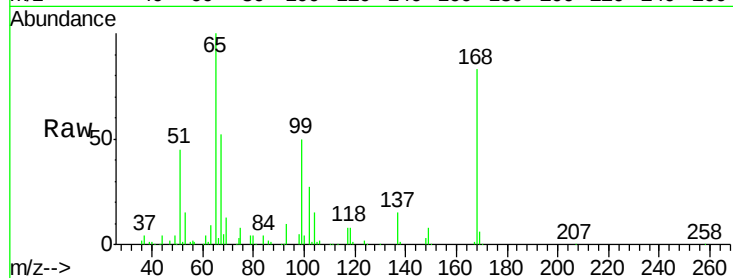




#33
 1,2-Dichloroethane-d4
 Concen: 57.196 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.03 min
 Lab File: VF061792.D
 Acq: 28 Feb 2019 17:23

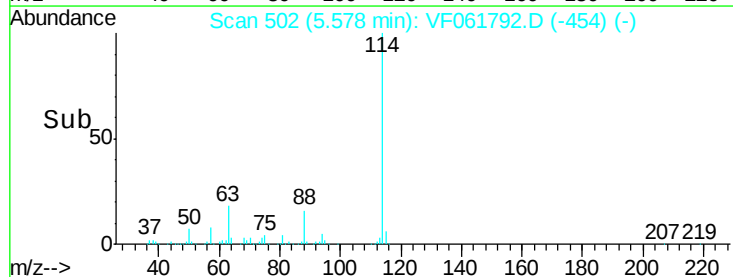
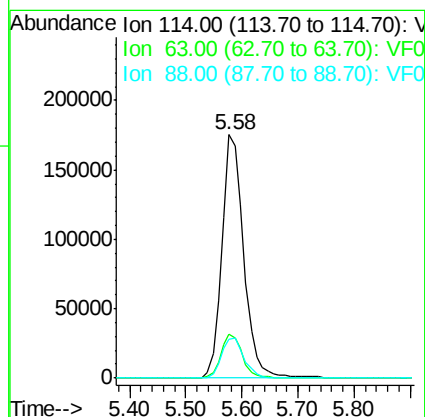
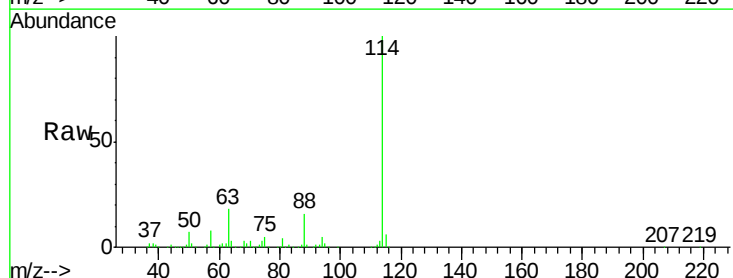
Instrument :
 MSVOA_F
 ClientSampleId :
 BU-03-022719

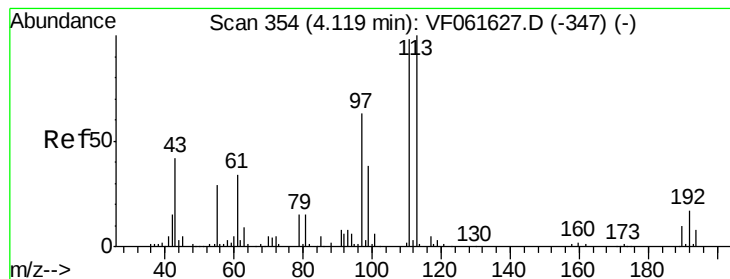
Tot Ion: 65 Resp: 126159
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: VF061792.D
 Acq: 28 Feb 2019 17:23

Tgt Ion: 114 Resp: 479052
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.6
 88 16.2 0.0 34.4





#35

Dibromofluoromethane

Concen: 49.863 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061792.D

Acq: 28 Feb 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

BU-03-022719

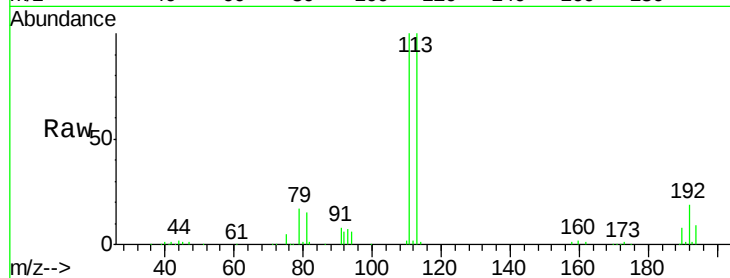
Tot Ion:113 Resp: 177386

Ion Ratio Lower Upper

113 100

111 100.2 78.8 118.2

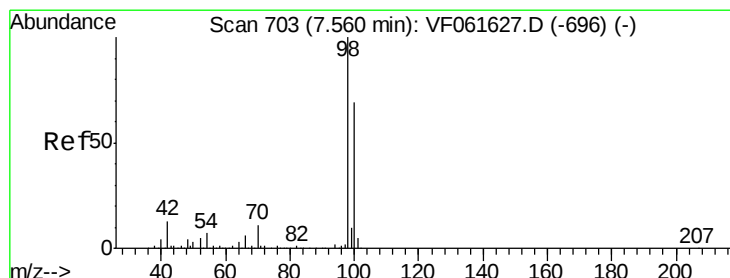
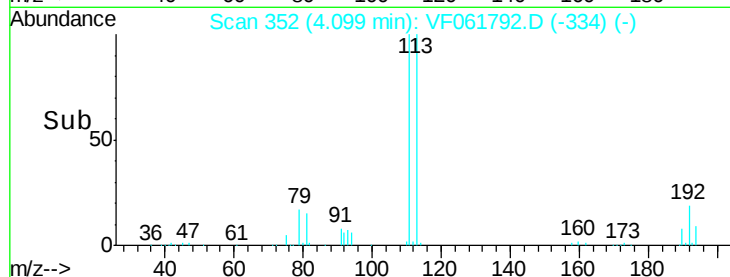
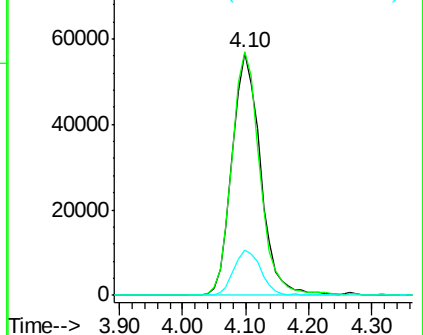
192 18.6 13.4 20.0



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: 39.276 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061792.D

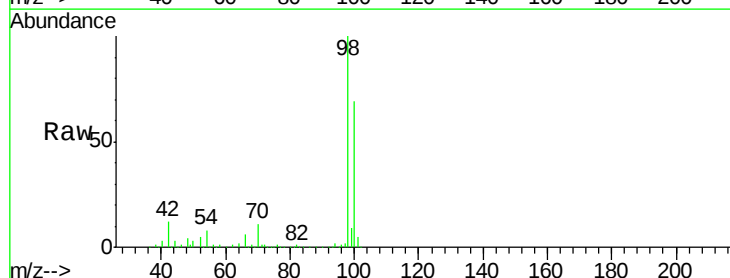
Acq: 28 Feb 2019 17:23

Tgt Ion: 98 Resp: 401663

Ion Ratio Lower Upper

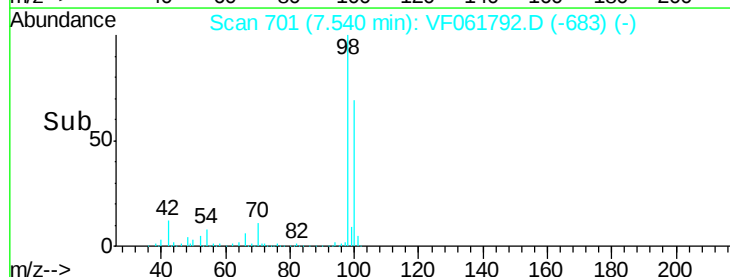
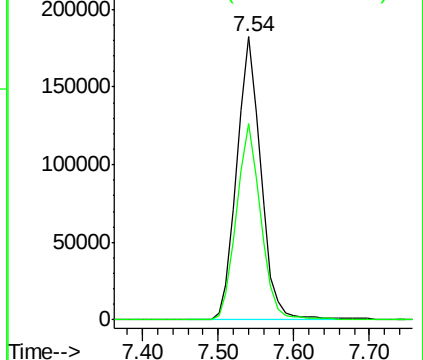
98 100

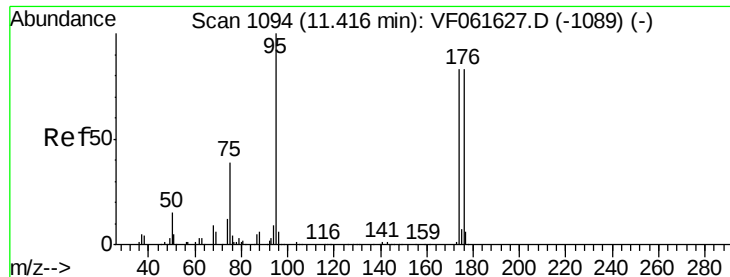
100 69.3 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 44.520 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061792.D

Acq: 28 Feb 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

BU-03-022719

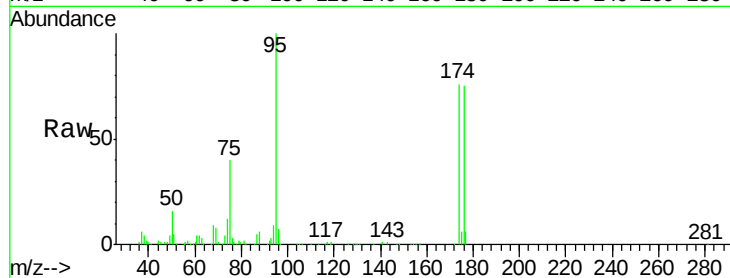
Tot Ion: 95 Resp: 184221

Ion Ratio Lower Upper

95 100

174 75.9 0.0 165.8

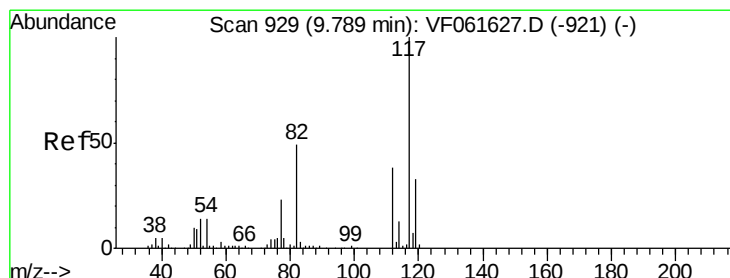
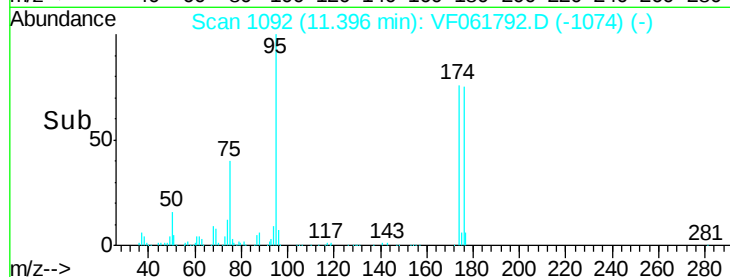
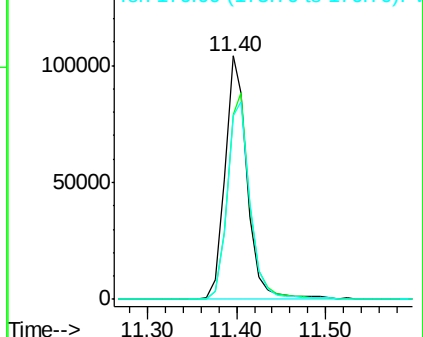
176 75.4 0.0 167.0



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. -0.03 min

Lab File: VF061792.D

Acq: 28 Feb 2019 17:23

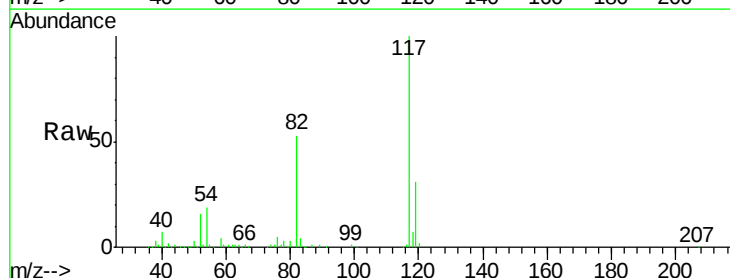
Tgt Ion: 117 Resp: 390710

Ion Ratio Lower Upper

117 100

82 53.2 39.3 58.9

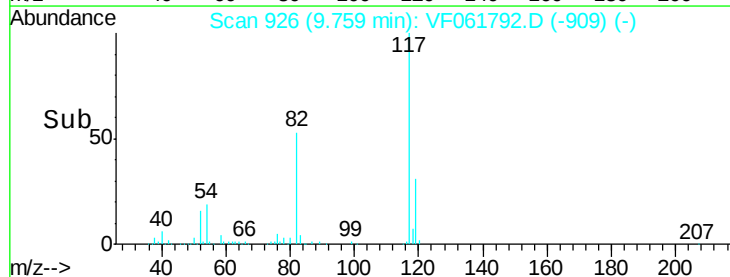
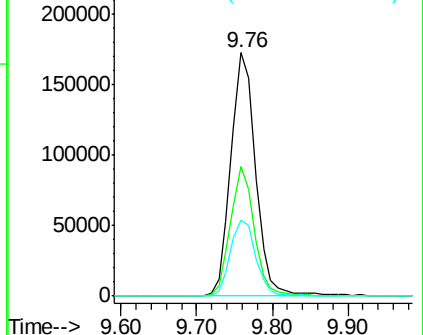
119 31.0 26.6 40.0

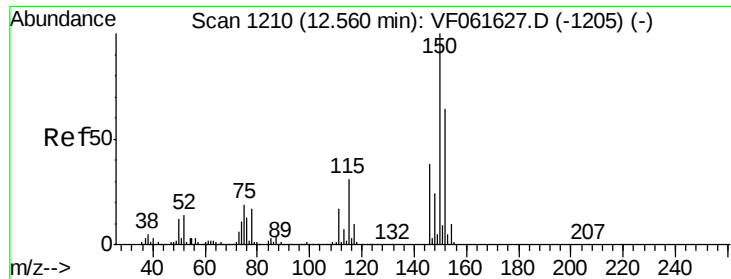


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: 12.54 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF061792.D

Acq: 28 Feb 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

BU-03-022719

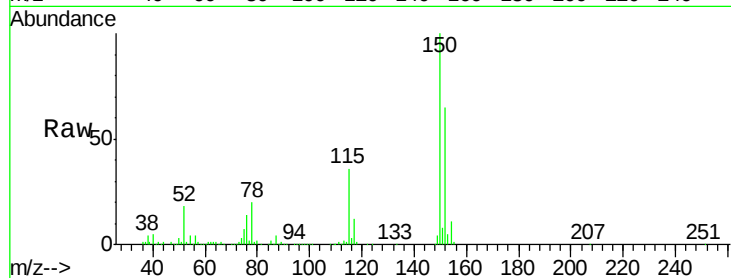
Tot Ion:152 Resp: 208169

Ion Ratio Lower Upper

152 100

115 55.0 24.3 72.8

150 153.4 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

