

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF061995.D
 Acq On : 18 Mar 2019 14:08
 Operator : VA/AP
 Sample : K1861-04
 Misc : 5.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BF-09-031119

Quant Time: Mar 19 01:44:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

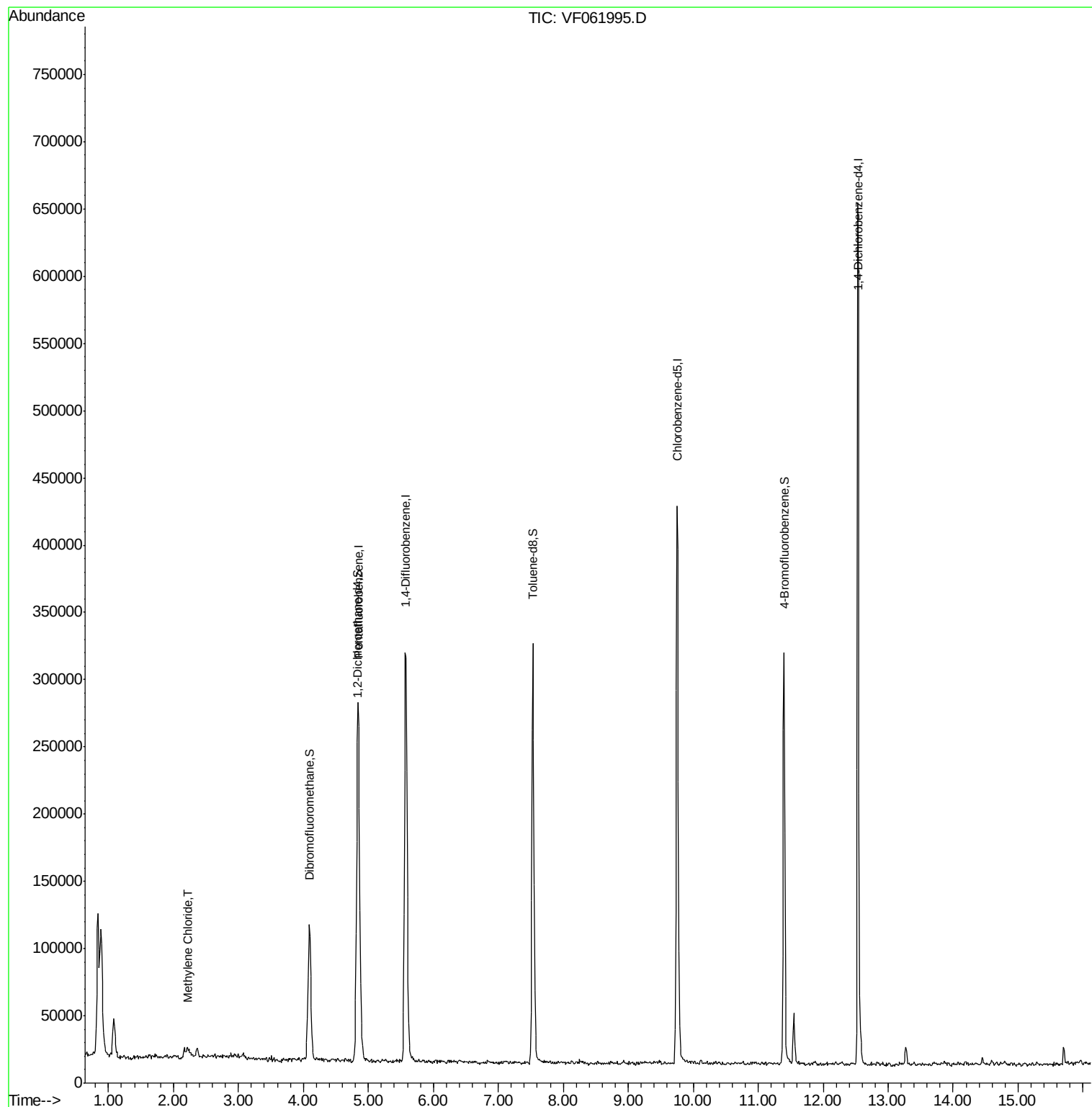
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	255328	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	394468	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	335499	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	189396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	70754	38.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	77.00%	
35) Dibromofluoromethane	4.09	113	102298	38.62	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	77.24%	
50) Toluene-d8	7.53	98	271249	35.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	70.06%	
62) 4-Bromofluorobenzene	11.40	95	120824	39.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.56%	
Target Compounds						
20) Methylene Chloride	2.23	84	7522m	3.540	ug/l	Qvalue

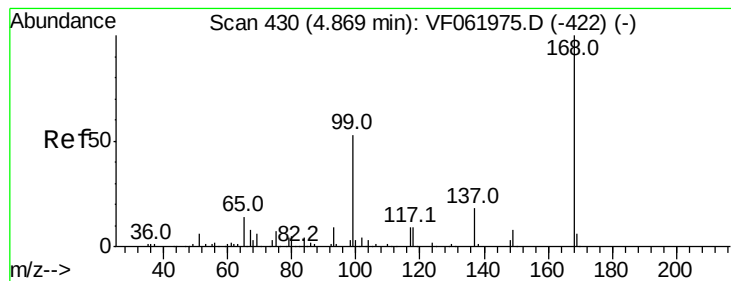
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 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: VF061995.D

Acq: 18 Mar 2019 14:08

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ClientSampleId :

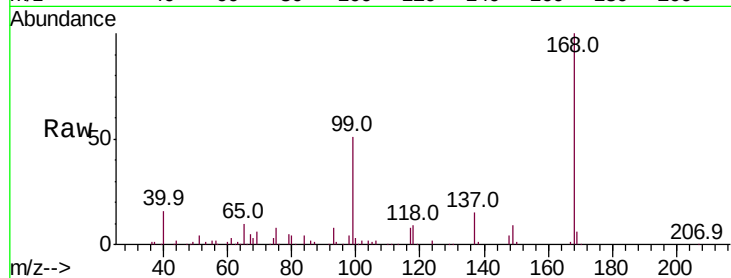
BF-09-031119

Tot Ion:168 Resp: 255328

Ion Ratio Lower Upper

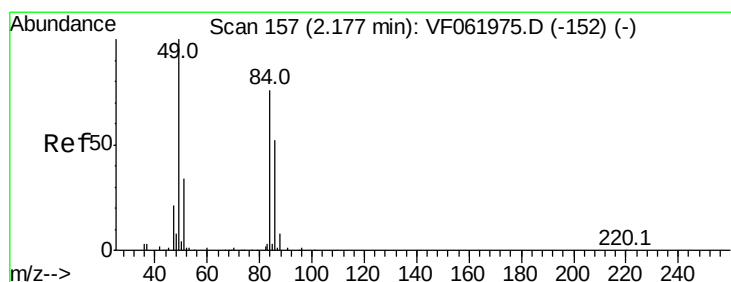
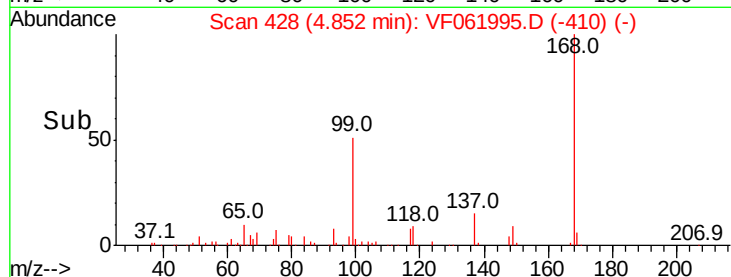
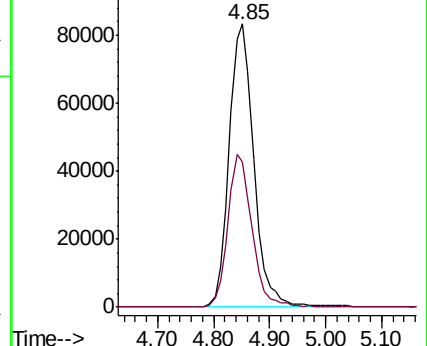
168 100

99 51.3 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 3.540 ug/l m

RT: 2.23 min Scan# 162

Delta R.T. 0.05 min

Lab File: VF061995.D

Acq: 18 Mar 2019 14:08

Tgt Ion: 84 Resp: 7522

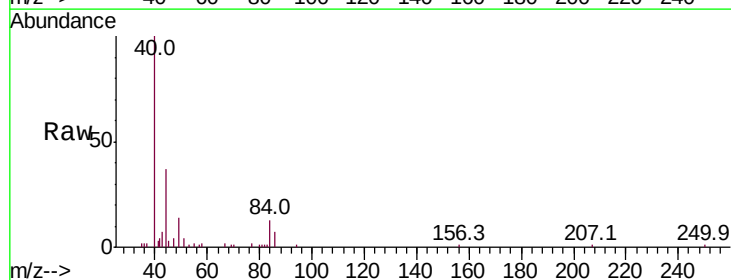
Ion Ratio Lower Upper

84 100

49 104.3 107.0 160.6#

51 33.1 37.2 55.8#

86 49.2 55.3 82.9#

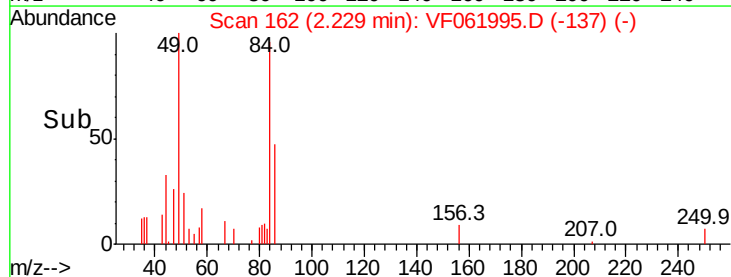
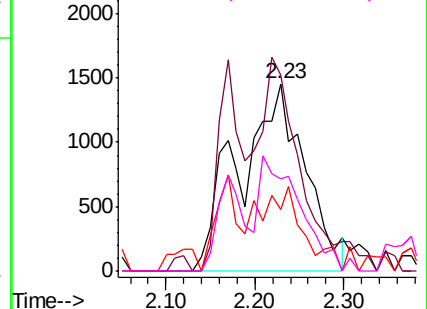


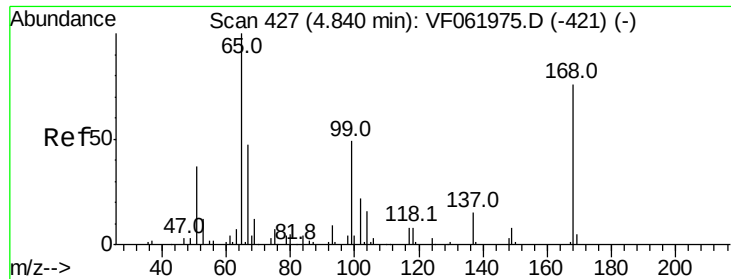
Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

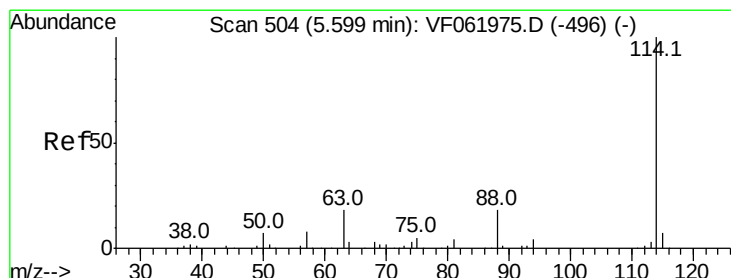
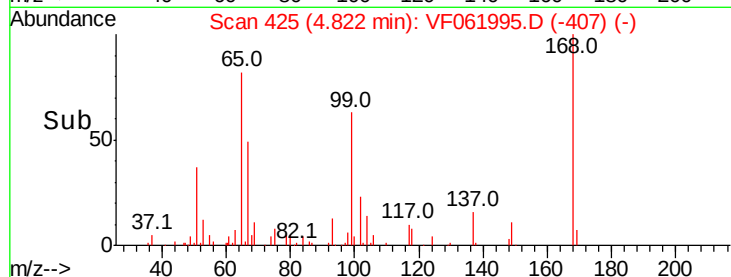
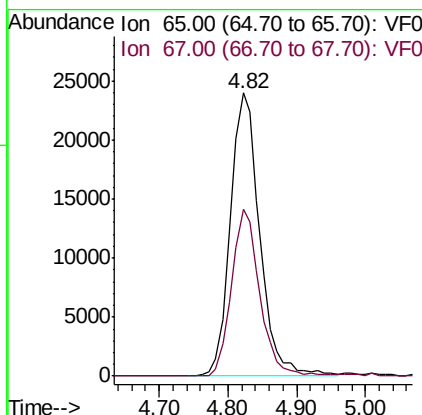
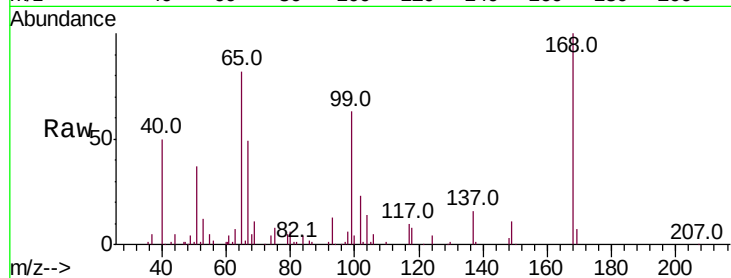




#33
 1,2-Dichloroethane-d4
 Concen: 38.496 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: VF061995.D
 Acq: 18 Mar 2019 14:08

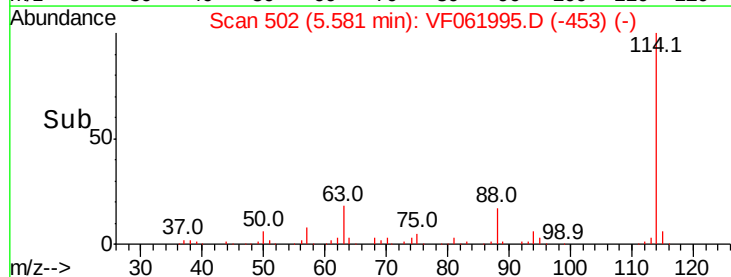
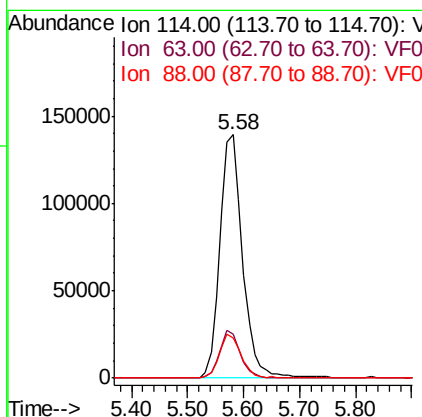
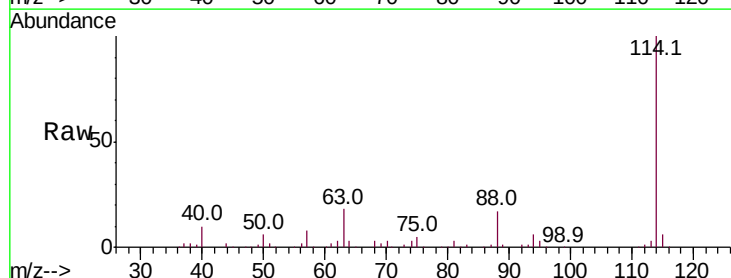
Instrument :
 MSVOA_F
 ClientSampleId :
 BF-09-031119

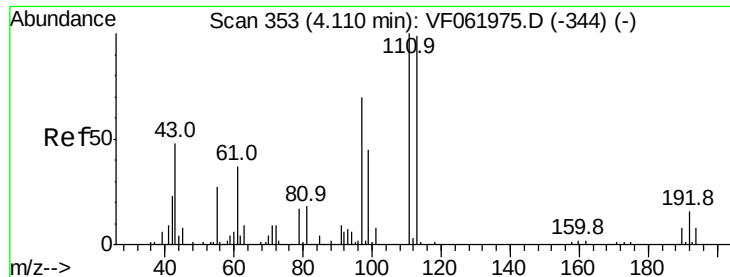
Tot Ion: 65 Resp: 70754
 Ion Ratio Lower Upper
 65 100
 67 58.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: VF061995.D
 Acq: 18 Mar 2019 14:08

Tgt Ion: 114 Resp: 394468
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.4
 88 16.7 0.0 36.4





#35

Dibromofluoromethane

Concen: 38.619 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061995.D

Acq: 18 Mar 2019 14:08

Instrument :

MSVOA_F

ClientSampleId :

BF-09-031119

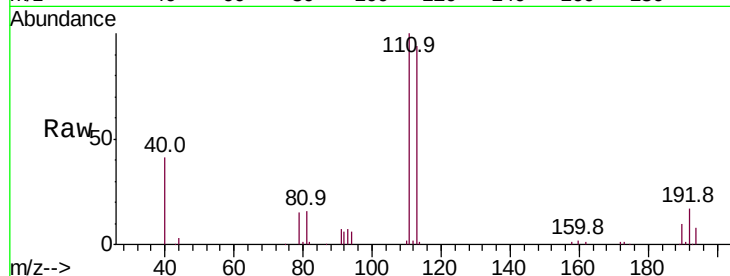
Tot Ion:113 Resp: 102298

Ion Ratio Lower Upper

113 100

111 105.9 80.8 121.2

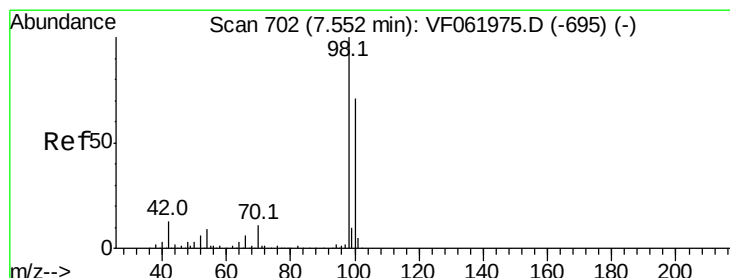
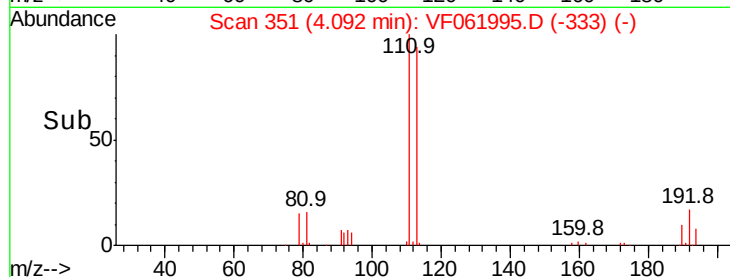
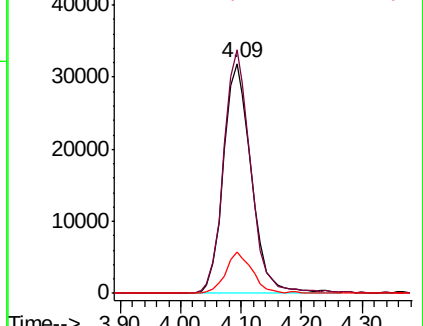
192 18.6 13.0 19.6



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: 35.029 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF061995.D

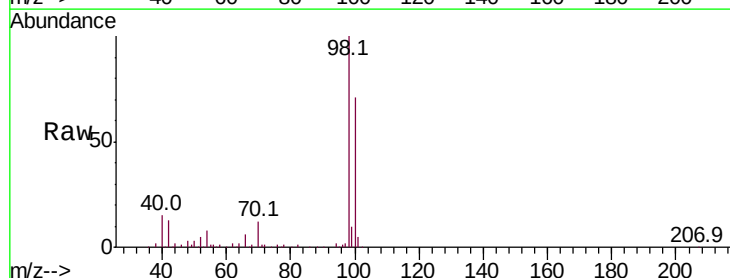
Acq: 18 Mar 2019 14:08

Tgt Ion: 98 Resp: 271249

Ion Ratio Lower Upper

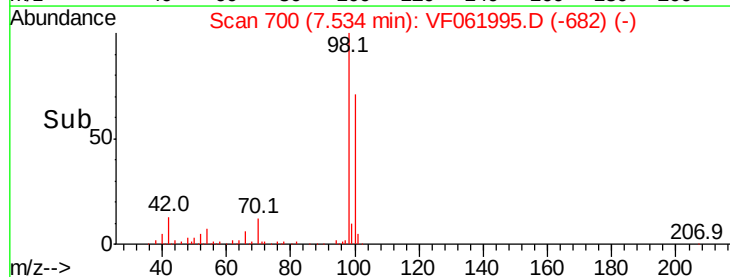
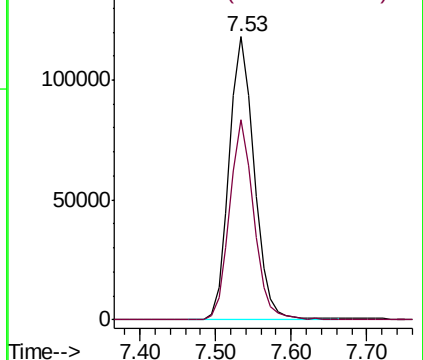
98 100

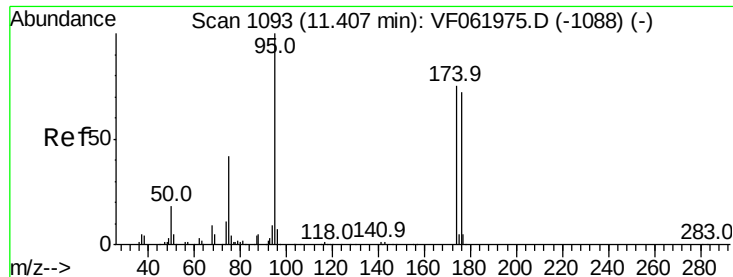
100 70.6 56.8 85.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 39.277 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061995.D

Acq: 18 Mar 2019 14:08

Instrument :

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ClientSampleId :

BF-09-031119

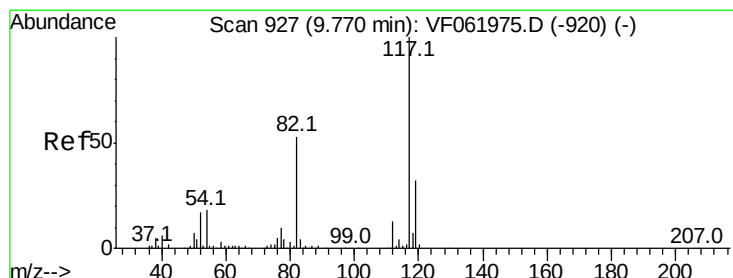
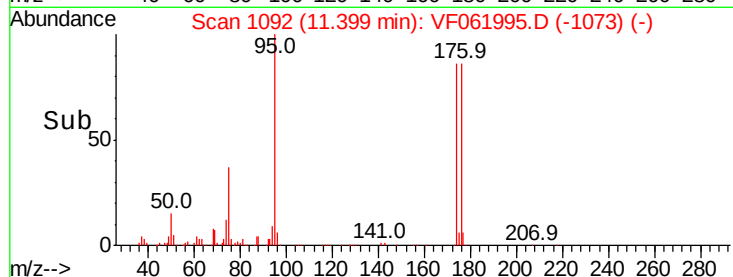
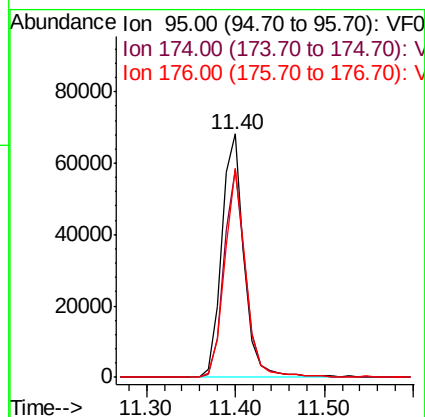
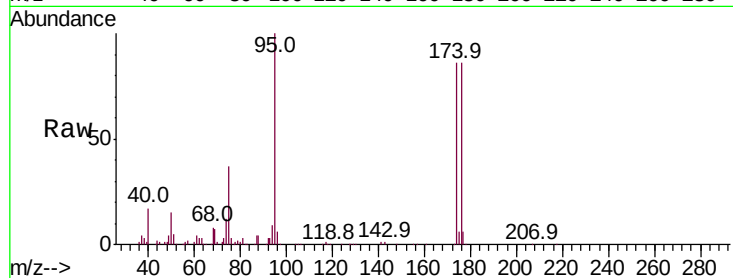
Tot Ion: 95 Resp: 120824

Ion Ratio Lower Upper

95 100

174 85.6 0.0 149.4

176 85.7 0.0 143.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.75 min Scan# 925

Delta R.T. -0.02 min

Lab File: VF061995.D

Acq: 18 Mar 2019 14:08

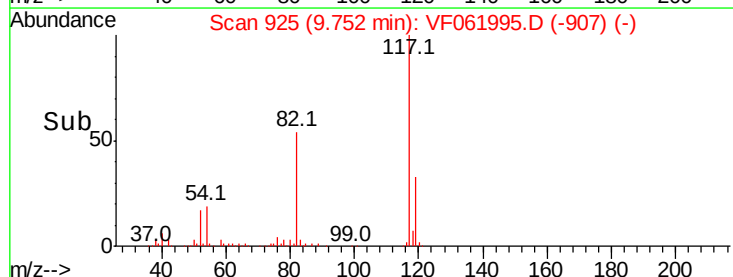
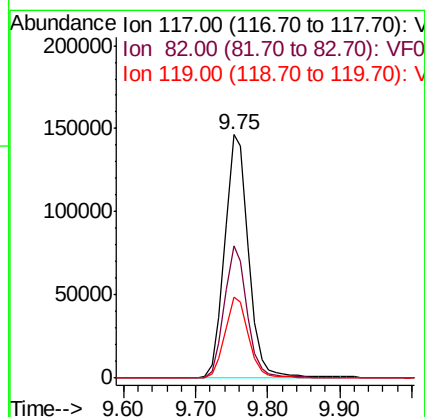
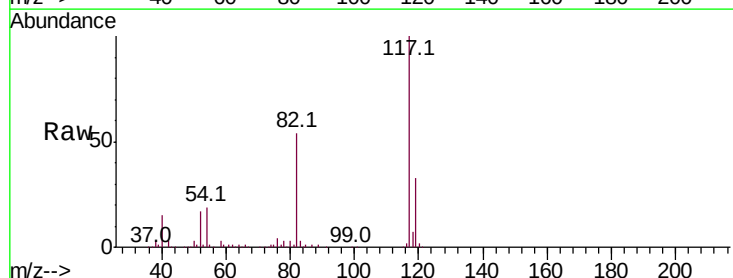
Tgt Ion: 117 Resp: 335499

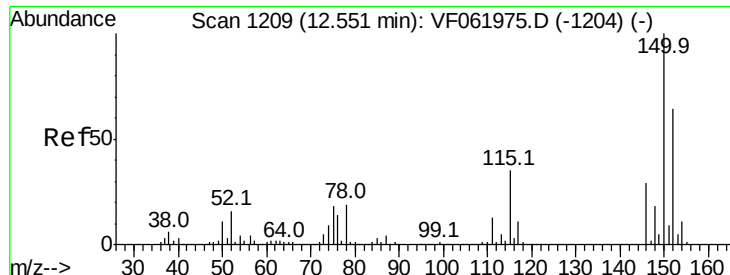
Ion Ratio Lower Upper

117 100

82 54.3 42.5 63.7

119 33.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF061995.D

Acq: 18 Mar 2019 14:08

Instrument :

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ClientSampleId :

BF-09-031119

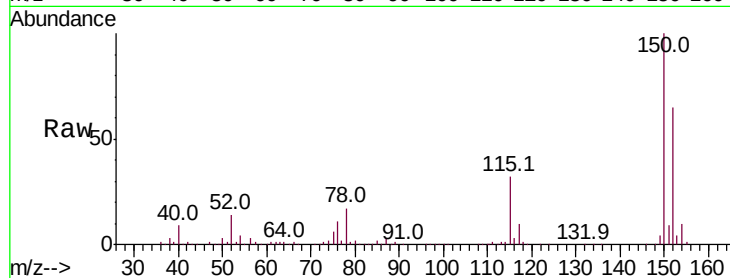
Tot Ion:152 Resp: 189396

Ion Ratio Lower Upper

152 100

115 49.6 27.3 81.9

150 153.2 0.0 316.2



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

