

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091615\
 Data File : VF045395.D
 Acq On : 16 Sep 2015 17:44
 Operator : FY/SY
 Sample : VF0916SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0916SBL01

Quant Time: Sep 17 07:20:23 2015
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F091615S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 16:04:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.81	168	1071440	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	5.54	114	1639219	50.00	ug/l	0.01
62) Chlorobenzene-d5	9.71	117	1532834	50.00	ug/l	0.01
71) 1,4-Dichlorobenzene-d4	12.50	152	841741	50.00	ug/l	0.01

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	4.78	65	610185	53.03	ug/l	0.02
Spiked Amount	50.000		Recovery	=	106.06%	
34) Dibromofluoromethane	4.05	113	660910	52.05	ug/l	0.02
Spiked Amount	50.000		Recovery	=	104.10%	
49) Toluene-d8	7.50	98	1888283	50.48	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.96%	
61) 4-Bromofluorobenzene	11.35	95	885924	49.27	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.54%	

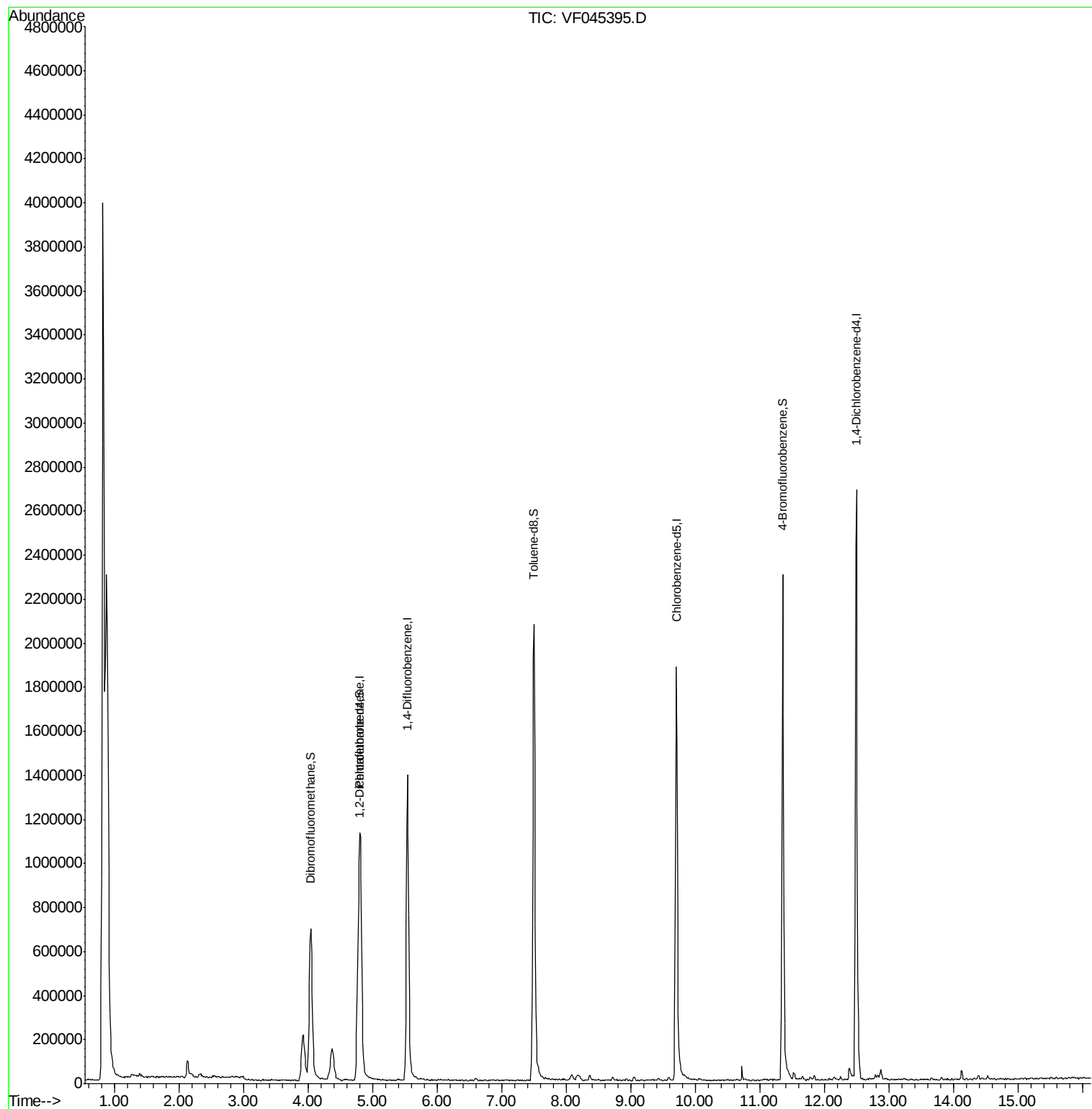
Target Compounds	Qvalue

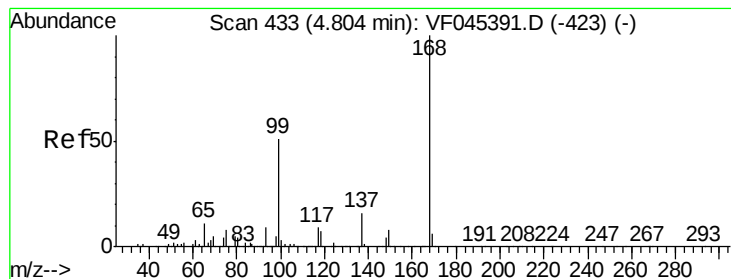
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.81 min Scan# 434

Delta R.T. 0.01 min

Lab File: VF045395.D

Acq: 16 Sep 2015 17:44

Instrument :

MSVOA_F

ClientSampleId :

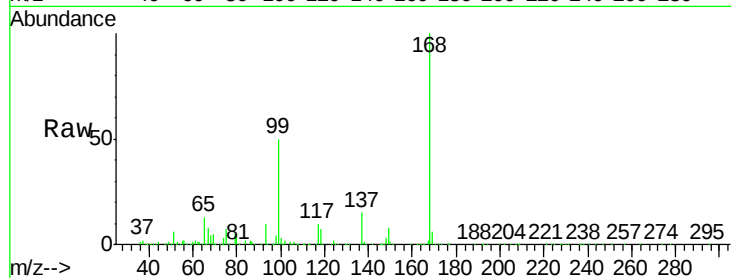
VF0916SBL01

Tot Ion:168 Resp: 1071440

Ion Ratio Lower Upper

168 100

99 50.4 39.0 58.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.81

300000

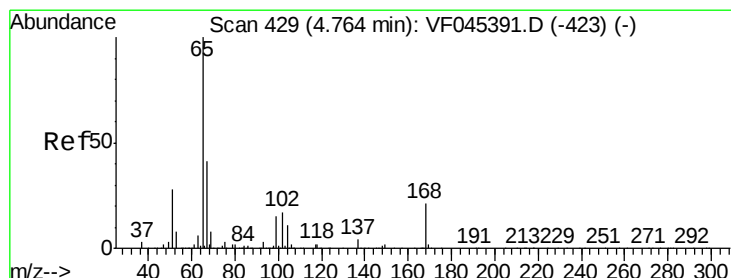
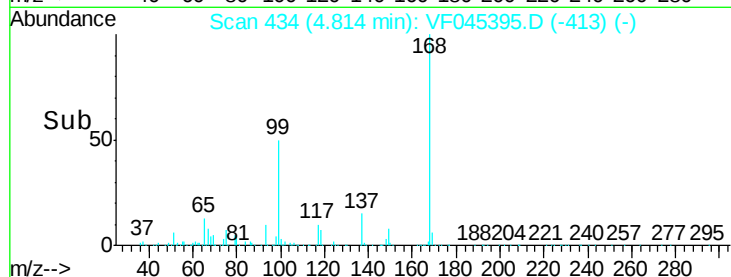
200000

100000

0

Time-->

4.70 4.80 4.90 5.00



#32

1,2-Dichloroethane-d4

Concen: 53.03 ug/l

RT: 4.78 min Scan# 431

Delta R.T. 0.02 min

Lab File: VF045395.D

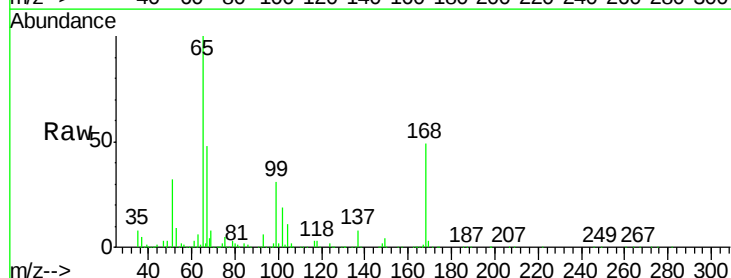
Acq: 16 Sep 2015 17:44

Tgt Ion: 65 Resp: 610185

Ion Ratio Lower Upper

65 100

67 47.7 0.0 102.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.78

200000

150000

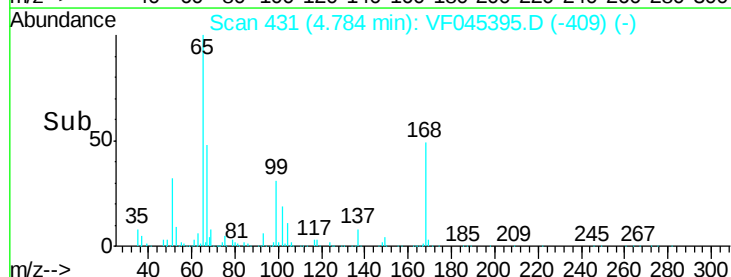
100000

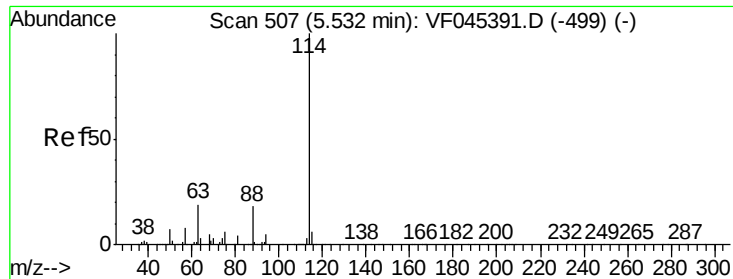
50000

0

Time-->

4.60 4.70 4.80 4.90

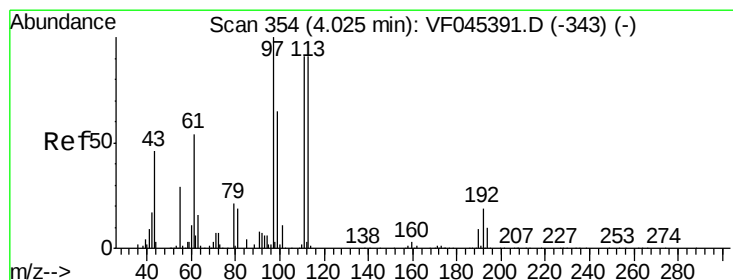
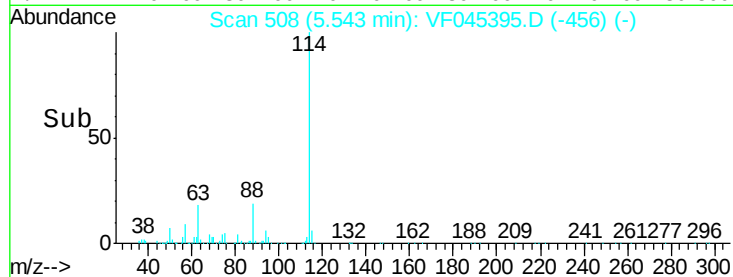
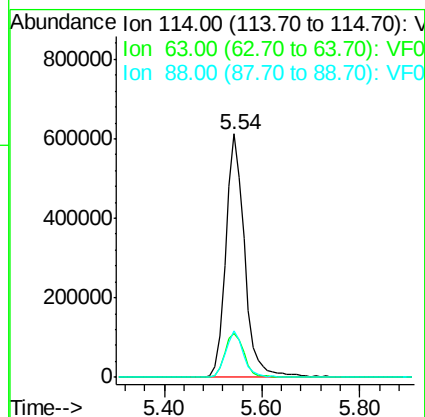
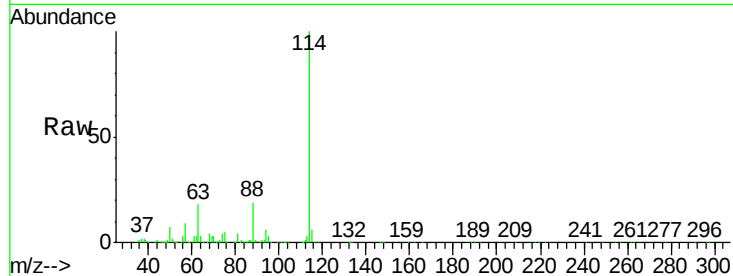




#33
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 508
 Delta R.T. 0.01 min
 Lab File: VF045395.D
 Acq: 16 Sep 2015 17:44

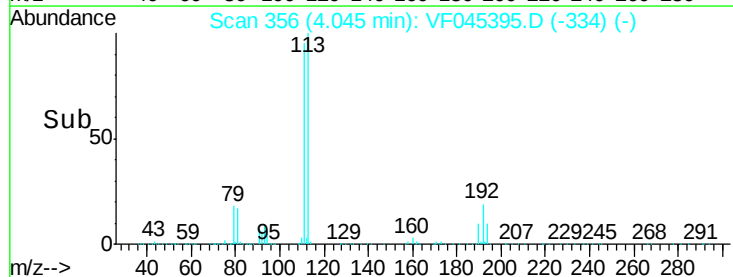
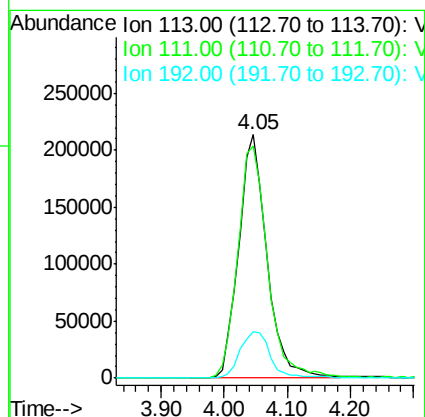
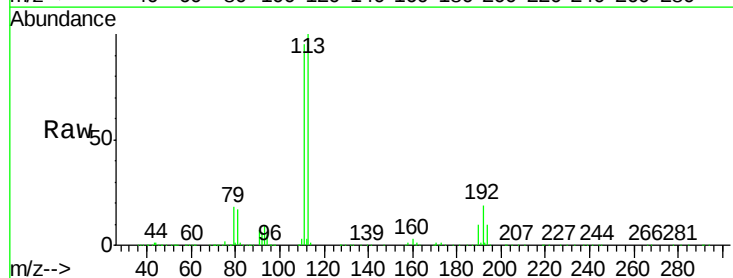
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0916SBL01

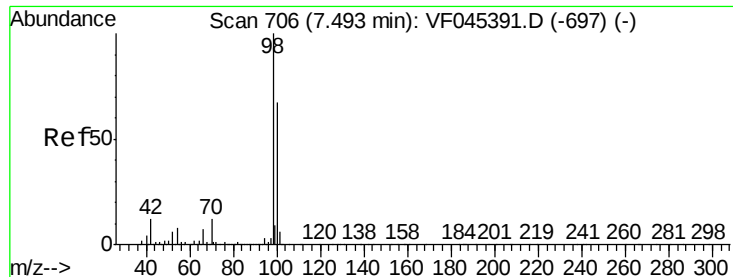
Tot Ion:114 Resp: 1639219
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.2
 88 19.0 0.0 37.0



#34
 Dibromofluoromethane
 Concen: 52.05 ug/l
 RT: 4.05 min Scan# 356
 Delta R.T. 0.02 min
 Lab File: VF045395.D
 Acq: 16 Sep 2015 17:44

Tgt Ion:113 Resp: 660910
 Ion Ratio Lower Upper
 113 100
 111 95.4 75.5 113.3
 192 19.9 15.6 23.4





#49

Toluene-d8

Concen: 50.48 ug/l

RT: 7.50 min Scan# 707

Delta R.T. 0.01 min

Lab File: VF045395.D

Acq: 16 Sep 2015 17:44

Instrument :

MSVOA_F

ClientSampleId :

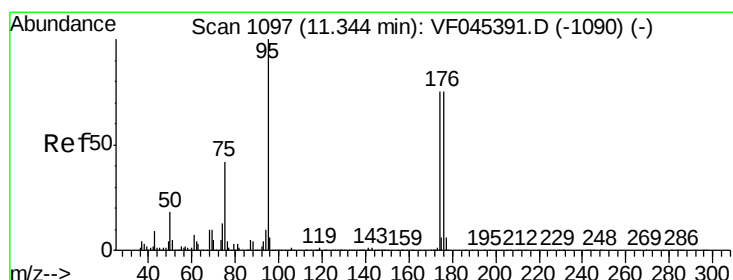
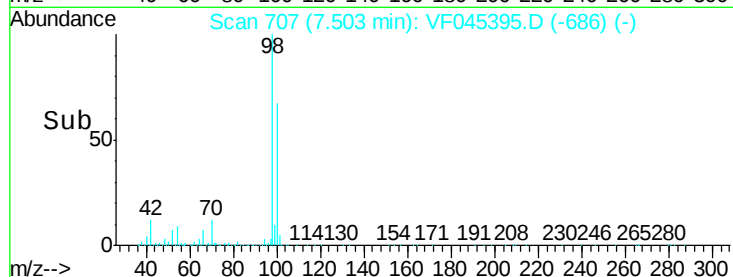
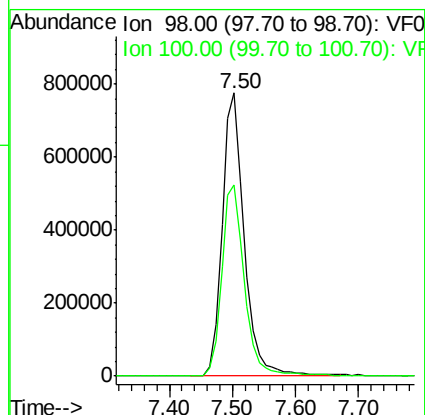
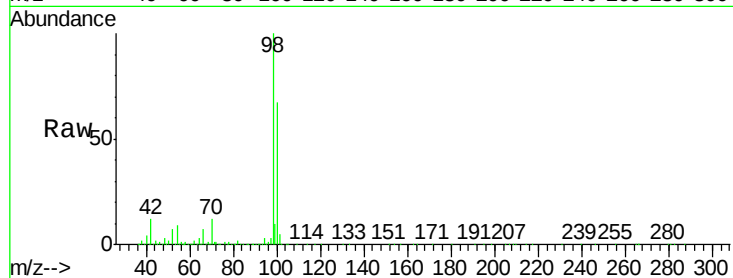
VF0916SBL01

Tot Ion: 98 Resp: 1888283

Ion Ratio Lower Upper

98 100

100 67.4 54.4 81.6



#61

4-Bromofluorobenzene

Concen: 49.27 ug/l

RT: 11.35 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VF045395.D

Acq: 16 Sep 2015 17:44

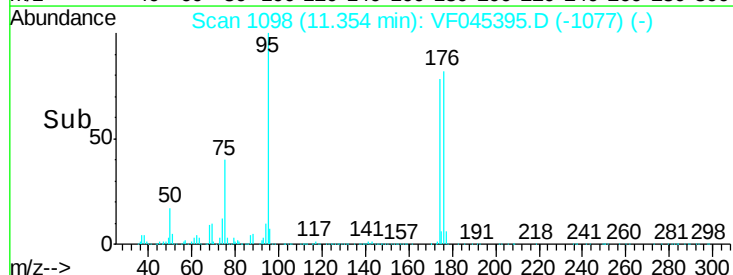
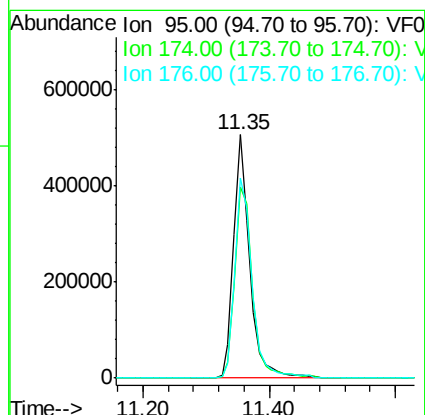
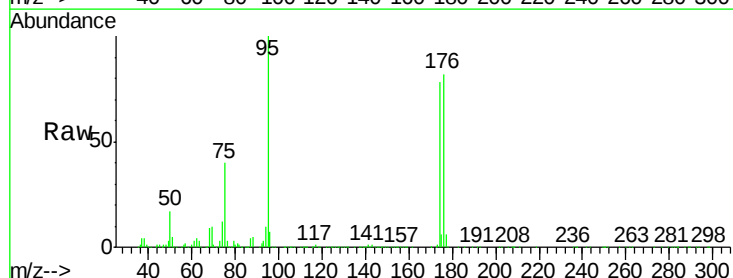
Tgt Ion: 95 Resp: 885924

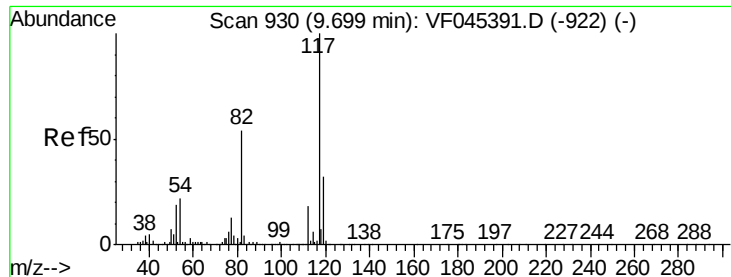
Ion Ratio Lower Upper

95 100

174 78.4 0.0 177.8

176 82.3 0.0 176.2





#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.71 min Scan# 931

Delta R.T. 0.01 min

Lab File: VF045395.D

Acq: 16 Sep 2015 17:44

Instrument :

MSVOA_F

ClientSampleId :

VF0916SBL01

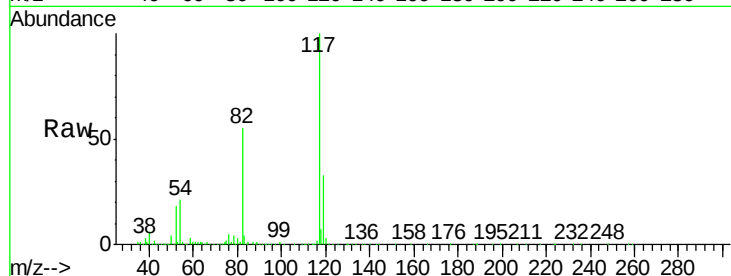
Tot Ion:117 Resp: 1532834

Ion Ratio Lower Upper

117 100

82 55.0 45.0 67.6

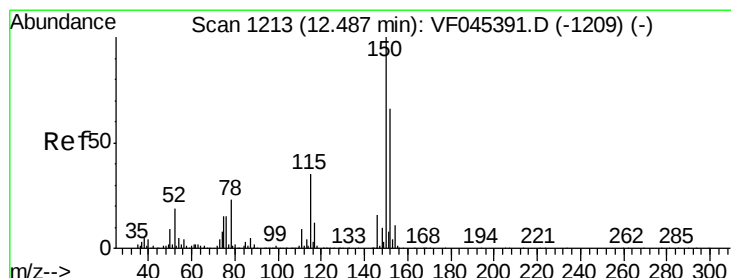
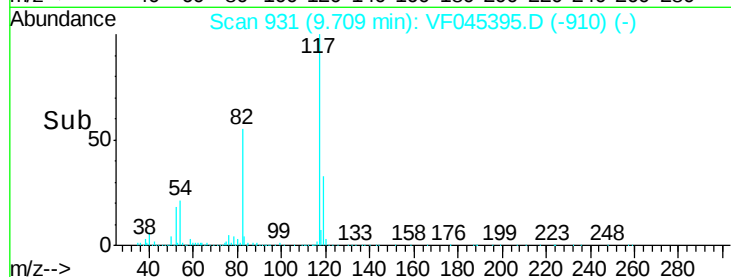
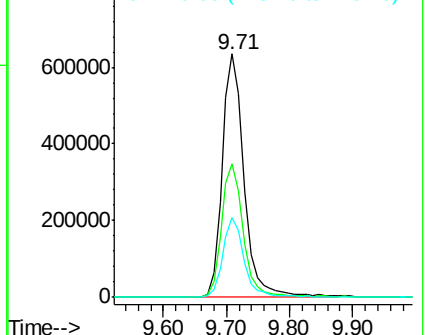
119 32.5 26.2 39.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#71

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.50 min Scan# 1214

Delta R.T. 0.01 min

Lab File: VF045395.D

Acq: 16 Sep 2015 17:44

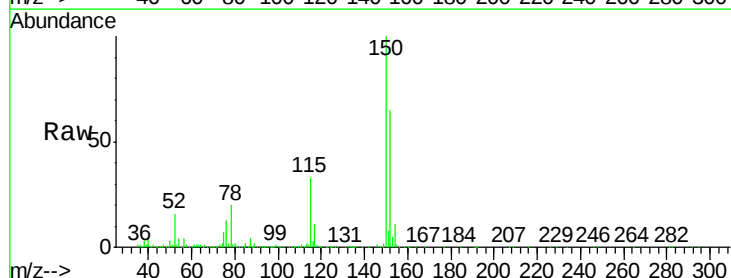
Tgt Ion:152 Resp: 841741

Ion Ratio Lower Upper

152 100

115 51.5 28.3 85.0

150 154.0 0.0 324.2



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

