

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
 Data File : VF045414.D
 Acq On : 17 Sep 2015 18:51
 Operator : FY/SY
 Sample : G3708-09
 Misc : 8.72g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MGP201-36-38

Quant Time: Sep 18 10:26:31 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	4.82	168	1275685	50.00	ug/l	0.02
33) 1,4-Difluorobenzene	5.55	114	1861540	50.00	ug/l	0.02
62) Chlorobenzene-d5	9.72	117	1697537	50.00	ug/l	0.02
71) 1,4-Dichlorobenzene-d4	12.50	152	963076	50.00	ug/l	0.01

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	4.78	65	534614	39.03	ug/l	0.02
Spiked Amount	50.000		Recovery	=	78.06%	
34) Dibromofluoromethane	4.06	113	575915	39.94	ug/l	0.03
Spiked Amount	50.000		Recovery	=	79.88%	
49) Toluene-d8	7.51	98	1775977	41.80	ug/l	0.02
Spiked Amount	50.000		Recovery	=	83.60%	
61) 4-Bromofluorobenzene	11.36	95	818314	40.07	ug/l	0.02
Spiked Amount	50.000		Recovery	=	80.14%	

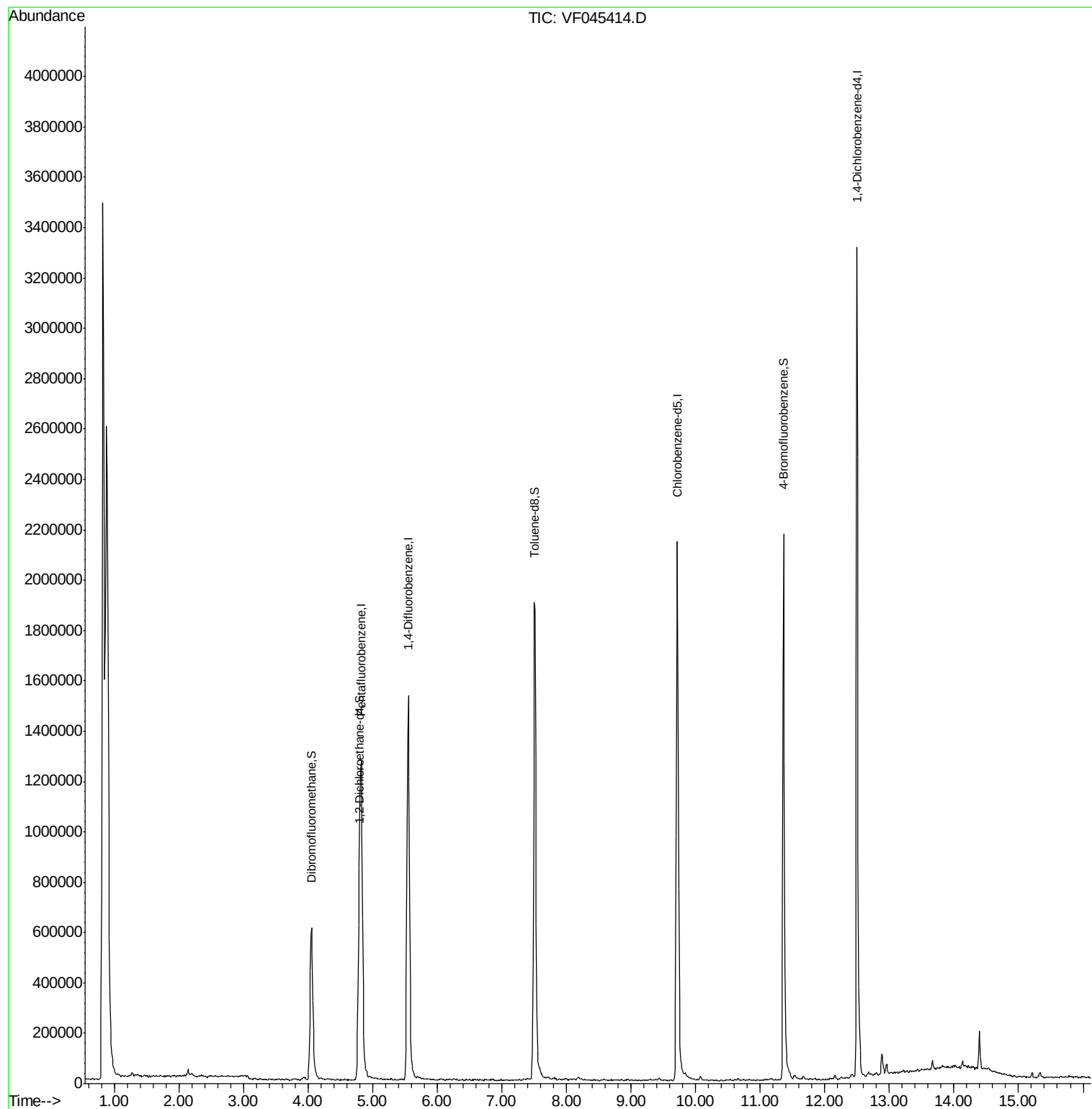
Target Compounds	Qvalue

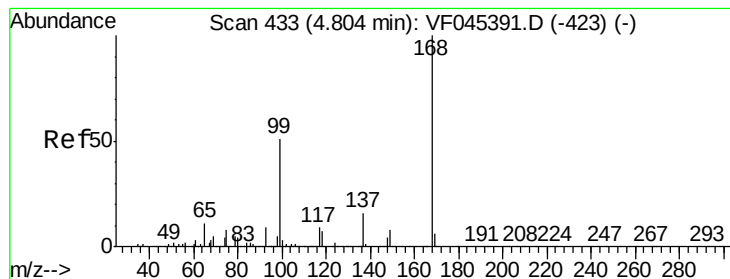
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.82 min Scan# 435

Delta R.T. 0.02 min

Lab File: VF045414.D

Acq: 17 Sep 2015 18:51

Instrument :

MSVOA_F

ClientSampleId :

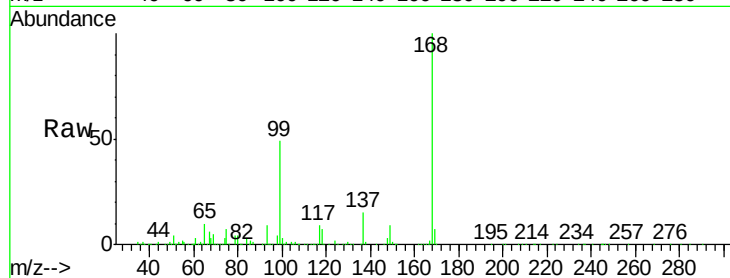
MGP201-36-38

Tot Ion:168 Resp: 1275685

Ion Ratio Lower Upper

168 100

99 49.0 39.0 58.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.82

400000

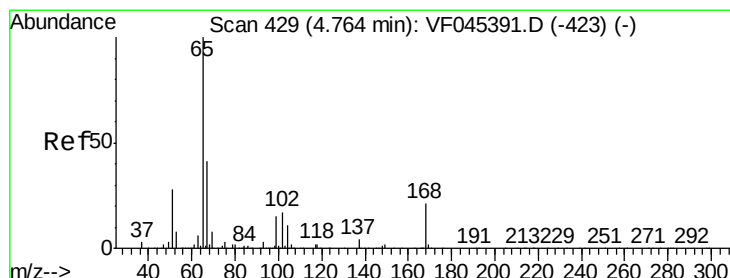
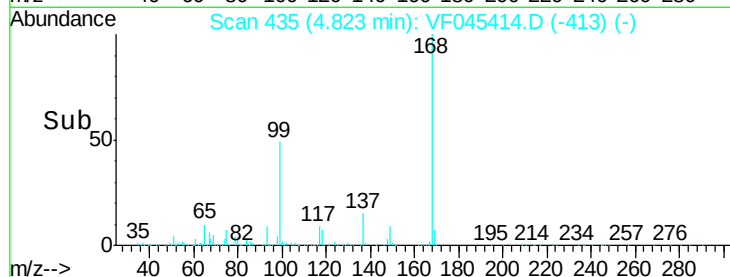
300000

200000

100000

0

Time-->



#32

1,2-Dichloroethane-d4

Concen: 39.03 ug/l

RT: 4.78 min Scan# 431

Delta R.T. 0.02 min

Lab File: VF045414.D

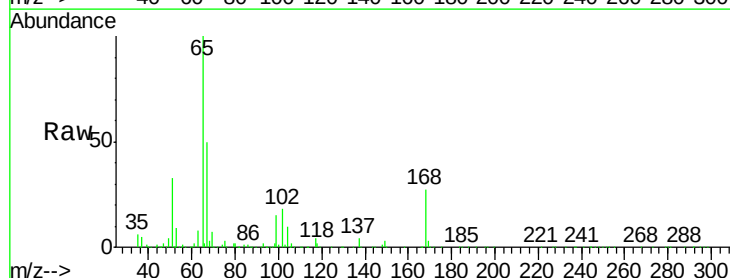
Acq: 17 Sep 2015 18:51

Tgt Ion: 65 Resp: 534614

Ion Ratio Lower Upper

65 100

67 50.4 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

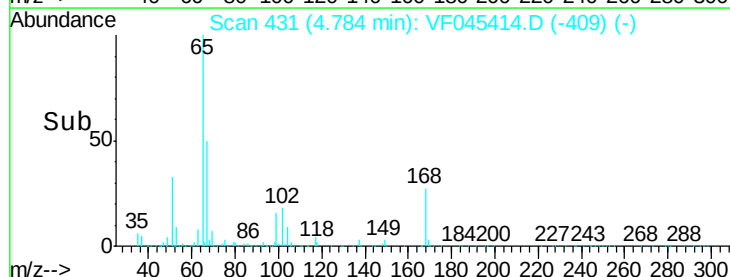
150000

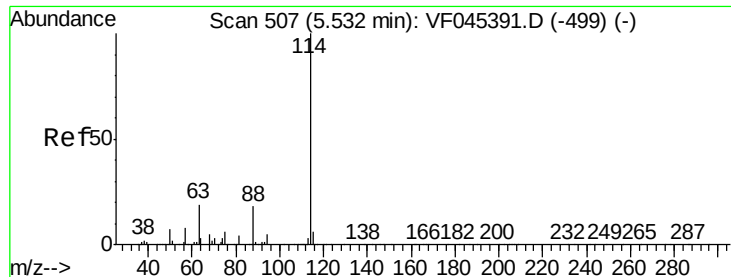
100000

50000

0

Time-->

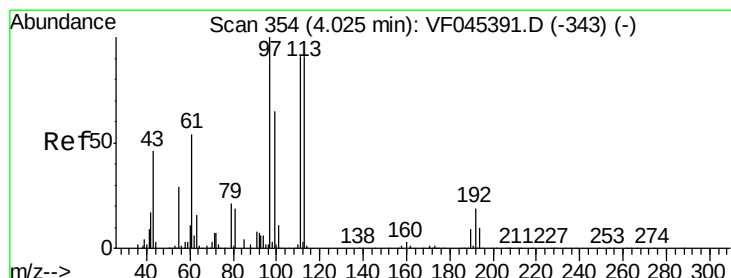
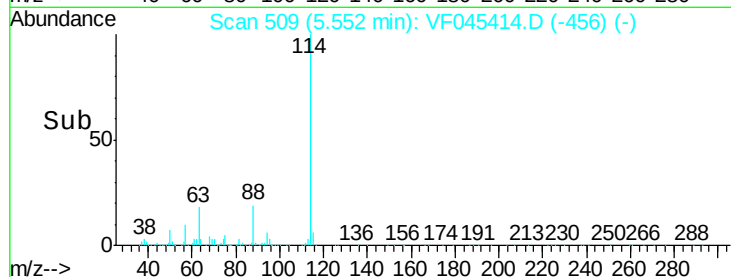
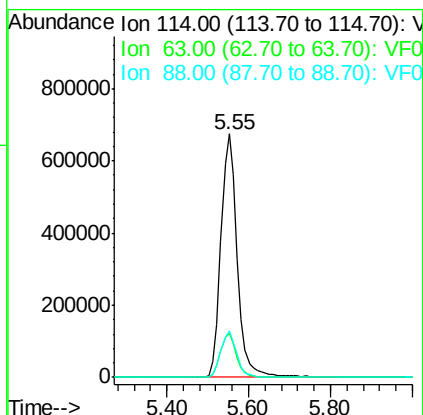
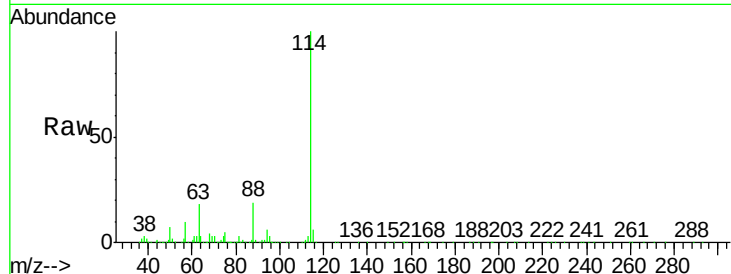




#33
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 509
 Delta R.T. 0.02 min
 Lab File: VF045414.D
 Acq: 17 Sep 2015 18:51

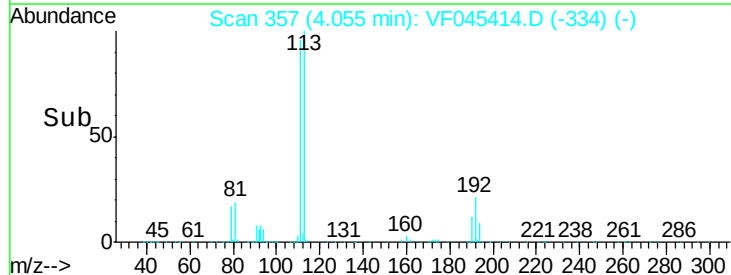
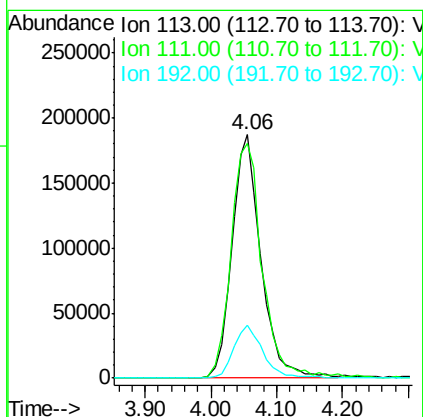
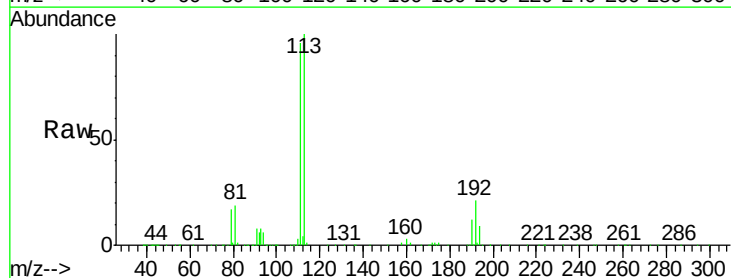
Instrument :
 MSVOA_F
 ClientSampleId :
 MGP201-36-38

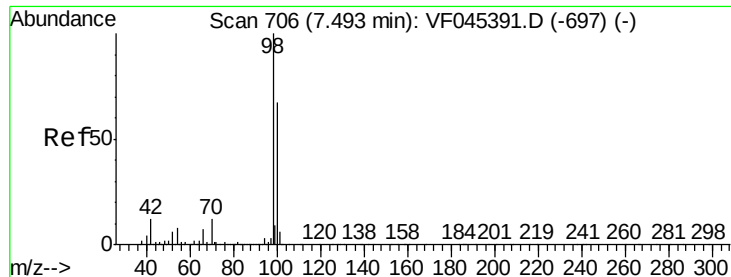
Tot Ion:114 Resp: 1861540
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.2
 88 18.9 0.0 37.0



#34
 Dibromofluoromethane
 Concen: 39.94 ug/l
 RT: 4.06 min Scan# 357
 Delta R.T. 0.03 min
 Lab File: VF045414.D
 Acq: 17 Sep 2015 18:51

Tgt Ion:113 Resp: 575915
 Ion Ratio Lower Upper
 113 100
 111 96.3 75.5 113.3
 192 21.6 15.6 23.4





#49

Toluene-d8

Concen: 41.80 ug/l

RT: 7.51 min Scan# 708

Delta R.T. 0.02 min

Lab File: VF045414.D

Acq: 17 Sep 2015 18:51

Instrument :

MSVOA_F

ClientSampleId :

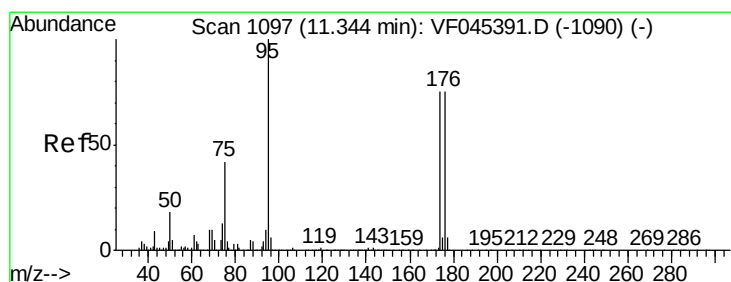
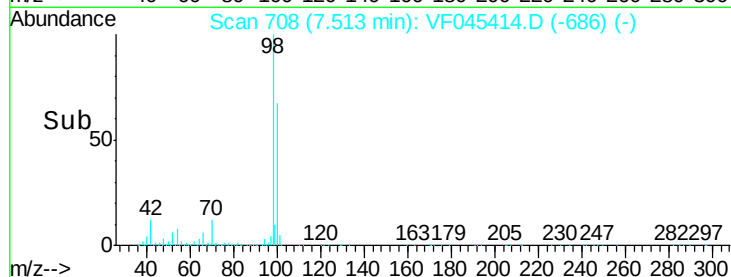
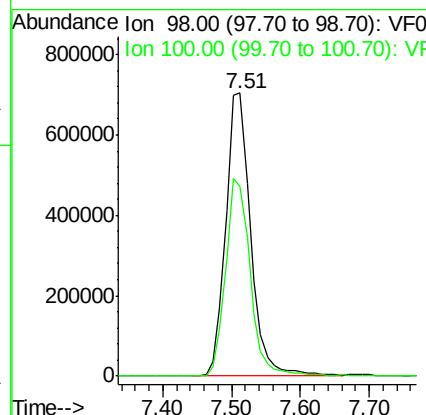
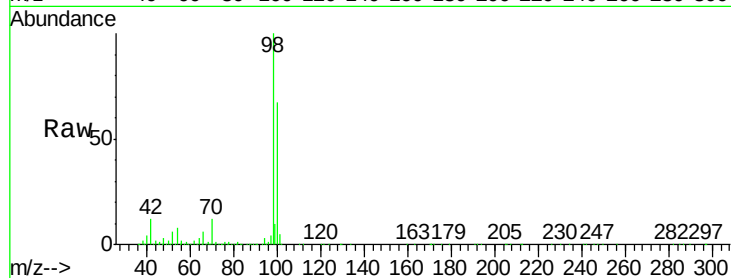
MGP201-36-38

Tot Ion: 98 Resp: 1775977

Ion Ratio Lower Upper

98 100

100 67.2 54.4 81.6



#61

4-Bromofluorobenzene

Concen: 40.07 ug/l

RT: 11.36 min Scan# 1099

Delta R.T. 0.02 min

Lab File: VF045414.D

Acq: 17 Sep 2015 18:51

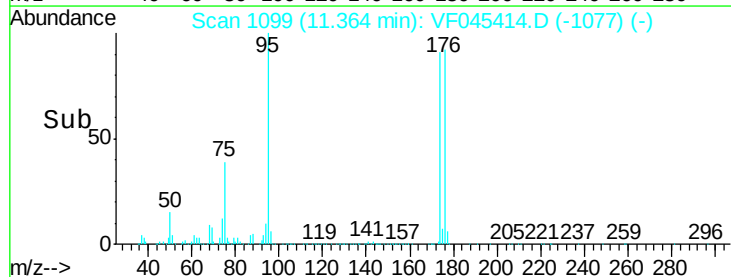
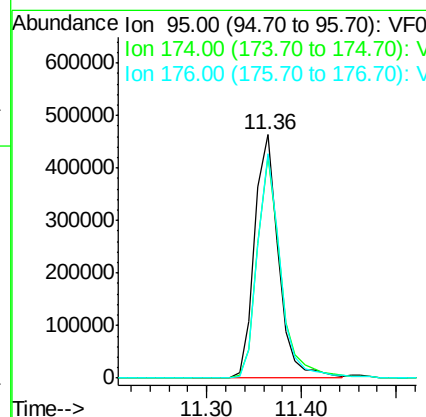
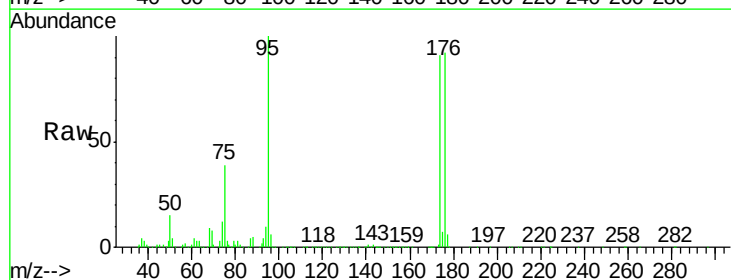
Tgt Ion: 95 Resp: 818314

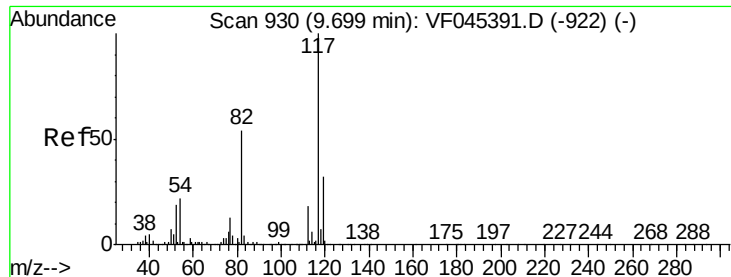
Ion Ratio Lower Upper

95 100

174 90.9 0.0 177.8

176 92.0 0.0 176.2





#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.72 min Scan# 932

Delta R.T. 0.02 min

Lab File: VF045414.D

Acq: 17 Sep 2015 18:51

Instrument :

MSVOA_F

ClientSampleId :

MGP201-36-38

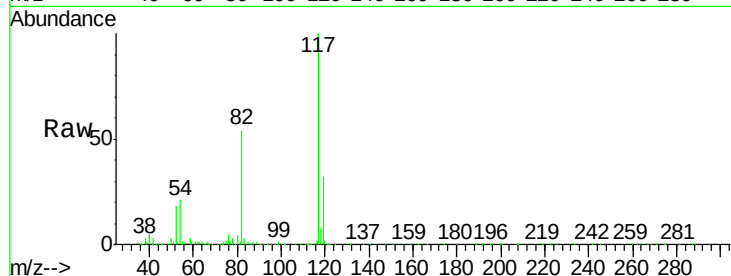
Tot Ion:117 Resp: 1697537

Ion Ratio Lower Upper

117 100

82 53.5 45.0 67.6

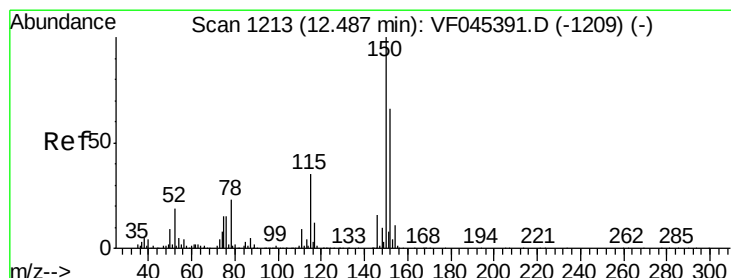
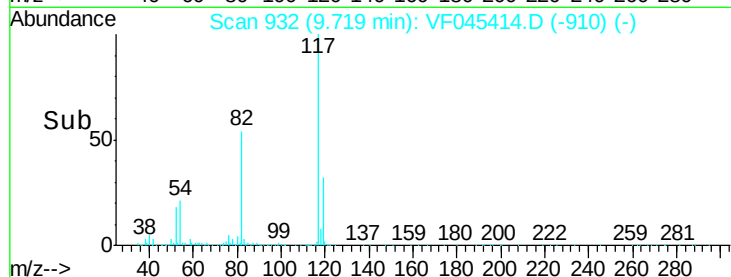
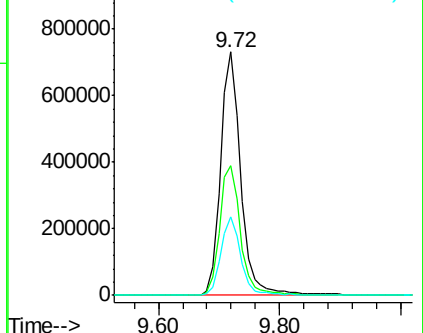
119 32.1 26.2 39.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

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: VF045414.D

Acq: 17 Sep 2015 18:51

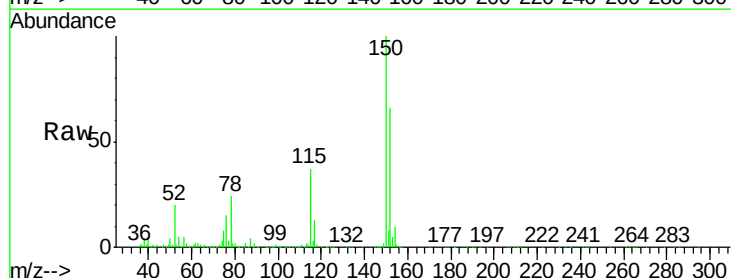
Tgt Ion:152 Resp: 963076

Ion Ratio Lower Upper

152 100

115 56.4 28.3 85.0

150 151.7 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

