

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
 Data File : VF045408.D
 Acq On : 17 Sep 2015 16:01
 Operator : FY/SY
 Sample : G3708-03
 Misc : 9.79g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MGP209BR-29-30

Quant Time: Sep 18 03:41:34 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

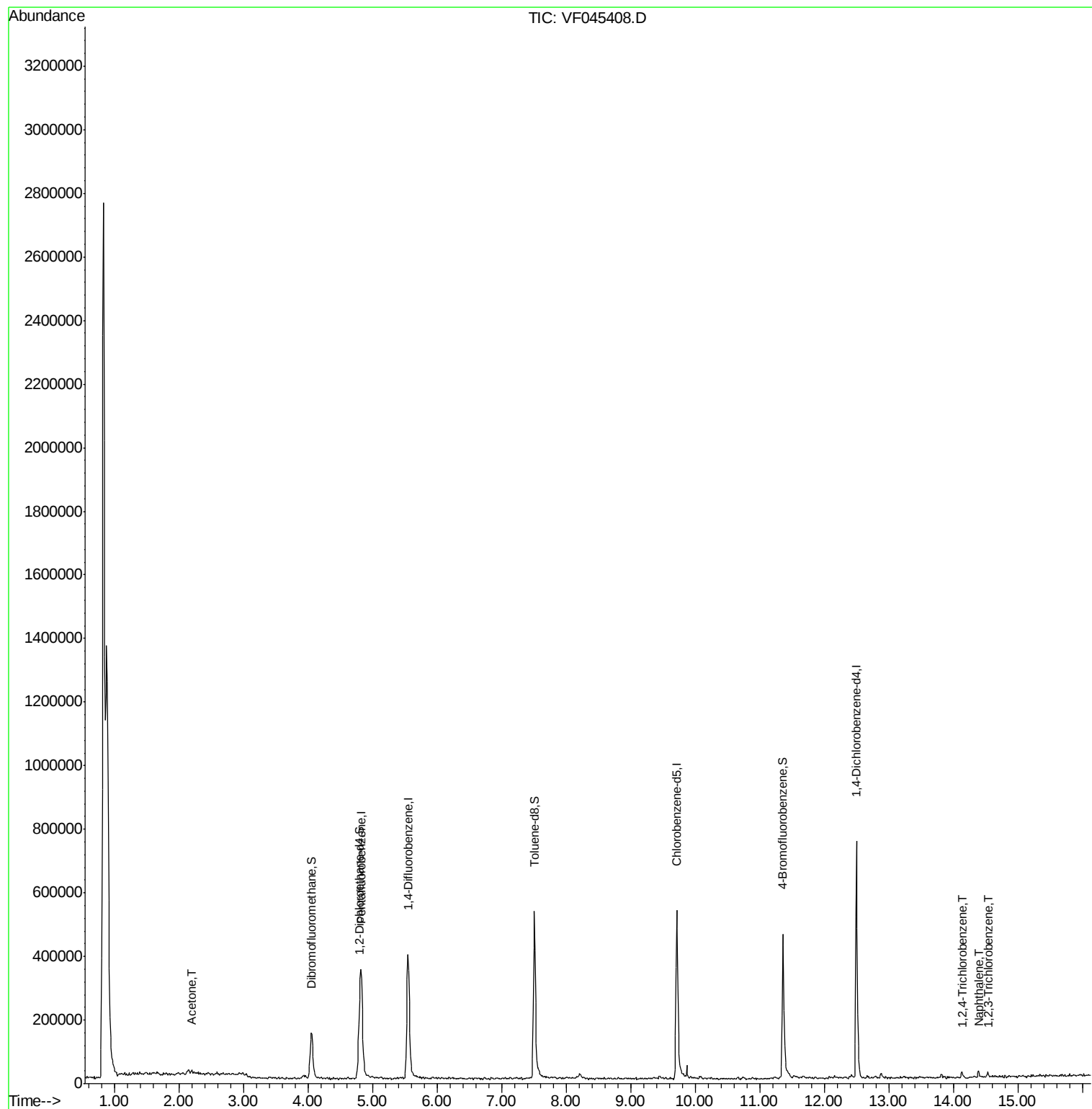
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.83	168	371536	50.00	ug/l	0.02
33) 1,4-Difluorobenzene	5.55	114	501046	50.00	ug/l	0.01
62) Chlorobenzene-d5	9.71	117	457097	50.00	ug/l	0.01
71) 1,4-Dichlorobenzene-d4	12.50	152	240319	50.00	ug/l	0.01
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	4.79	65	121902	30.55	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.10%	
34) Dibromofluoromethane	4.06	113	145647	37.53	ug/l	0.03
Spiked Amount 50.000			Recovery	=	75.06%	
49) Toluene-d8	7.51	98	484656	42.39	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.78%	
61) 4-Bromofluorobenzene	11.36	95	201627	36.68	ug/l	0.01
Spiked Amount 50.000			Recovery	=	73.36%	
Target Compounds						
16) Acetone	2.20	43	15065	16.63	ug/l #	86
92) 1,2,4-Trichlorobenzene	14.15	180	4182	1.01	ug/l #	68
94) Naphthalene	14.39	128	14056	3.42	ug/l	99
95) 1,2,3-Trichlorobenzene	14.54	180	3773	1.11	ug/l	84

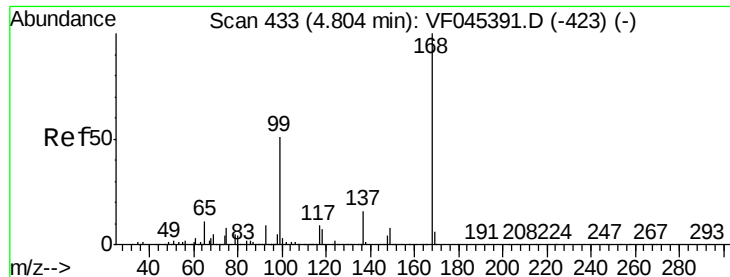
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.83 min Scan# 436

Delta R.T. 0.02 min

Lab File: VF045408.D

Acq: 17 Sep 2015 16:01

Instrument :

MSVOA_F

ClientSampleId :

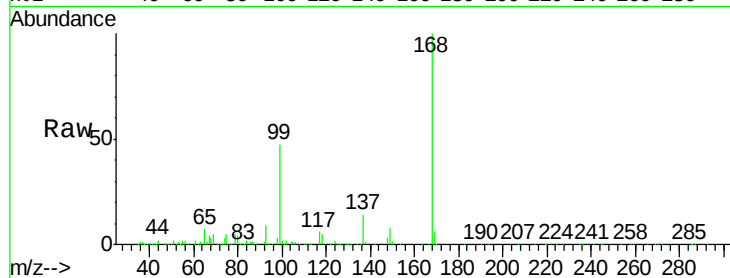
MGP209BR-29-30

Tot Ion:168 Resp: 371536

Ion Ratio Lower Upper

168 100

99 47.1 39.0 58.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

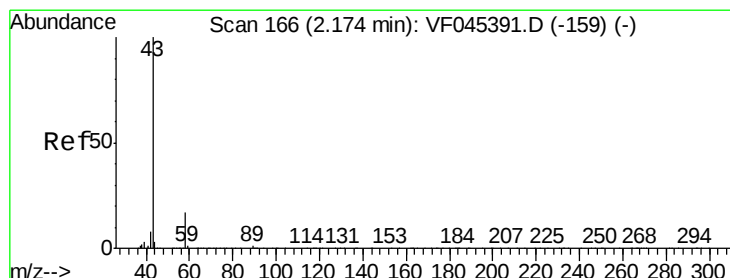
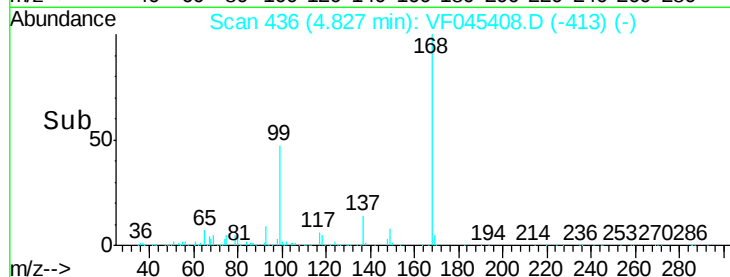
4.83

100000

50000

0

Time-->



#16

Acetone

Concen: 16.63 ug/l

RT: 2.20 min Scan# 169

Delta R.T. 0.02 min

Lab File: VF045408.D

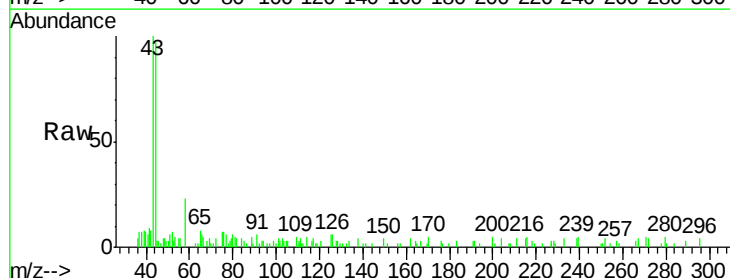
Acq: 17 Sep 2015 16:01

Tgt Ion: 43 Resp: 15065

Ion Ratio Lower Upper

43 100

58 23.4 13.9 20.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.20

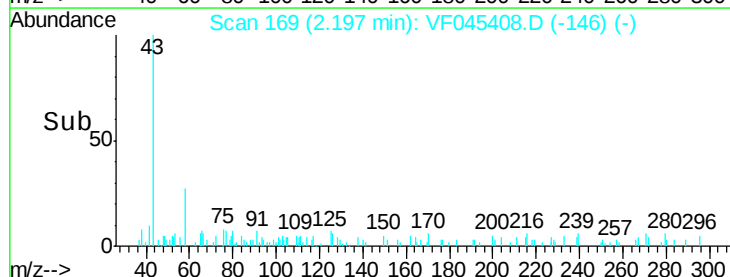
6000

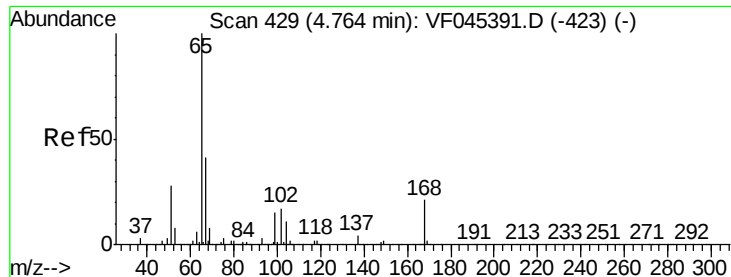
4000

2000

0

Time-->





#32

1,2-Dichloroethane-d4

Concen: 30.55 ug/l

RT: 4.79 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF045408.D

Acq: 17 Sep 2015 16:01

Instrument :

MSVOA_F

ClientSampleId :

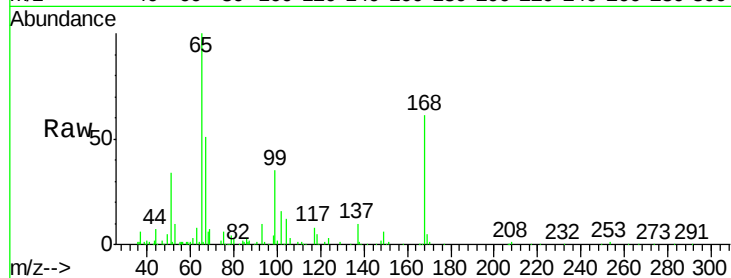
MGP209BR-29-30

Tot Ion: 65 Resp: 121902

Ion Ratio Lower Upper

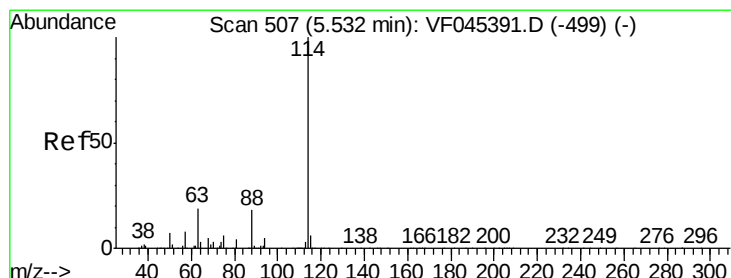
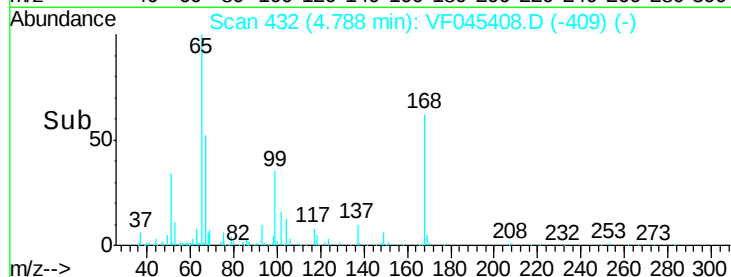
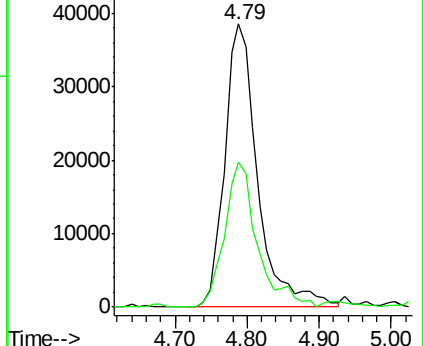
65 100

67 51.2 0.0 102.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#33

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.55 min Scan# 509

Delta R.T. 0.01 min

Lab File: VF045408.D

Acq: 17 Sep 2015 16:01

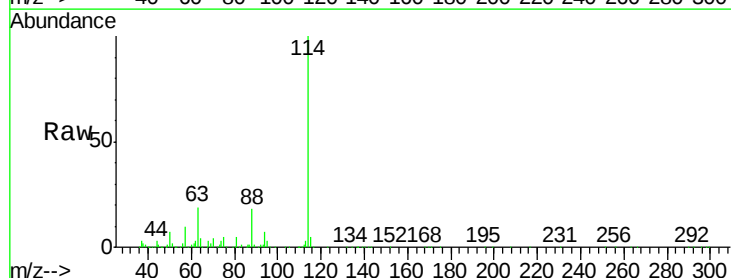
Tgt Ion: 114 Resp: 501046

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

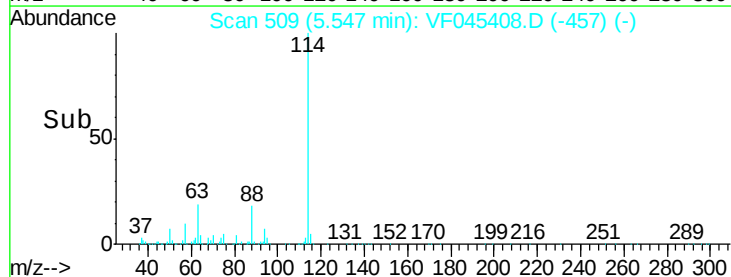
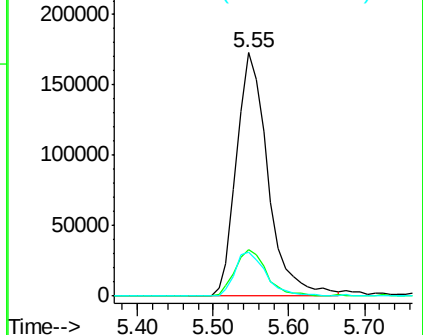
88 18.3 0.0 37.0

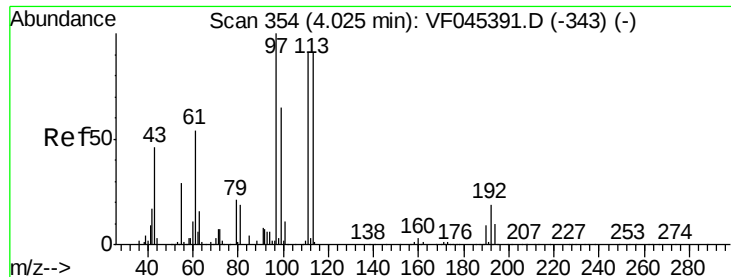


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

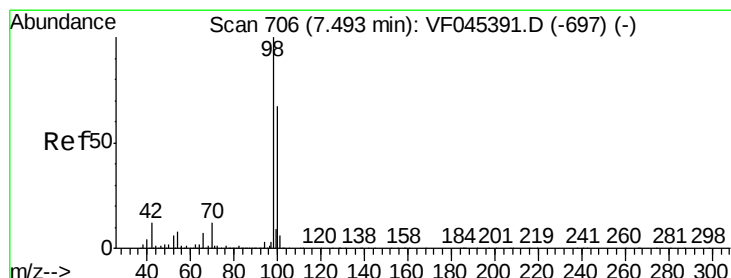
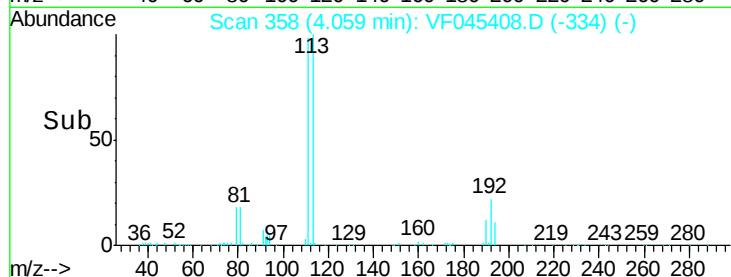
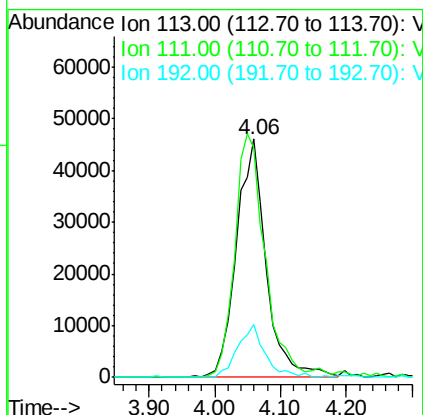
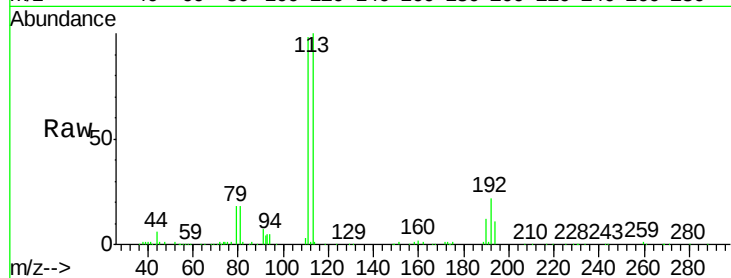




#34
Dibromofluoromethane
Concen: 37.53 ug/l
RT: 4.06 min Scan# 358
Delta R.T. 0.03 min
Lab File: VF045408.D
Acq: 17 Sep 2015 16:01

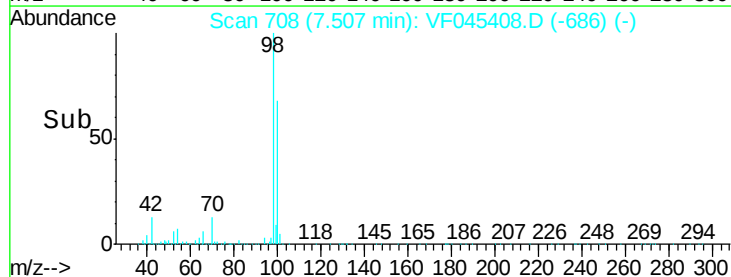
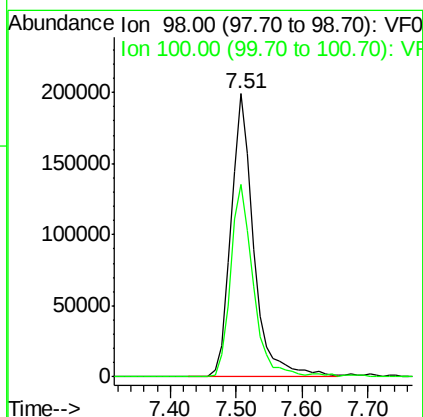
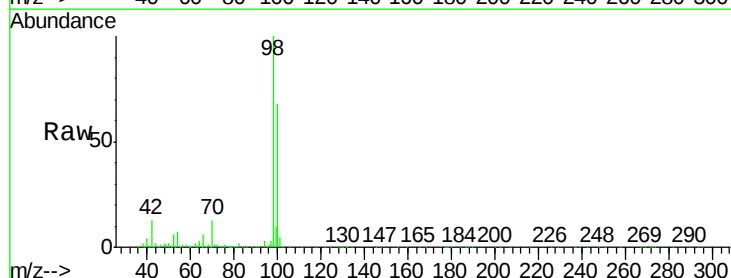
Instrument :
MSVOA_F
ClientSampleId :
MGP209BR-29-30

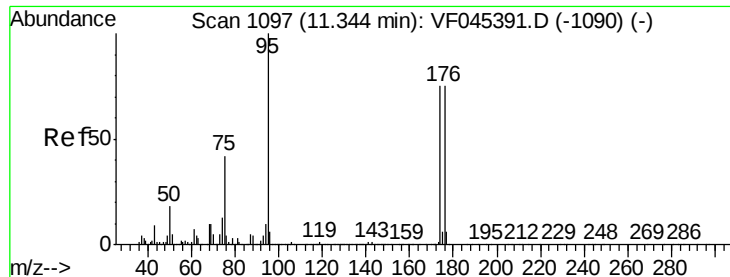
Tot Ion:113 Resp: 145647
Ion Ratio Lower Upper
113 100
111 96.7 75.5 113.3
192 22.1 15.6 23.4



#49
Toluene-d8
Concen: 42.39 ug/l
RT: 7.51 min Scan# 708
Delta R.T. 0.01 min
Lab File: VF045408.D
Acq: 17 Sep 2015 16:01

Tgt Ion: 98 Resp: 484656
Ion Ratio Lower Upper
98 100
100 67.8 54.4 81.6





#61

4-Bromofluorobenzene

Concen: 36.68 ug/l

RT: 11.36 min Scan# 1099

Delta R.T. 0.01 min

Lab File: VF045408.D

Acq: 17 Sep 2015 16:01

Instrument :

MSVOA_F

ClientSampleId :

MGP209BR-29-30

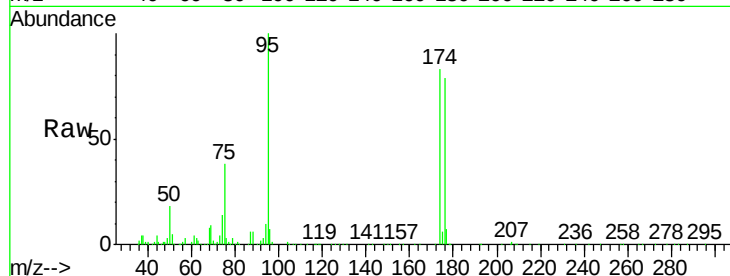
Tot Ion: 95 Resp: 201627

Ion Ratio Lower Upper

95 100

174 82.5 0.0 177.8

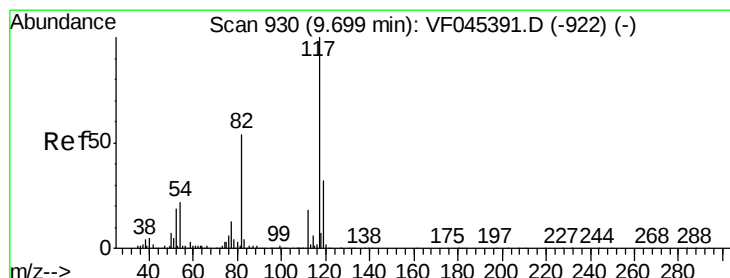
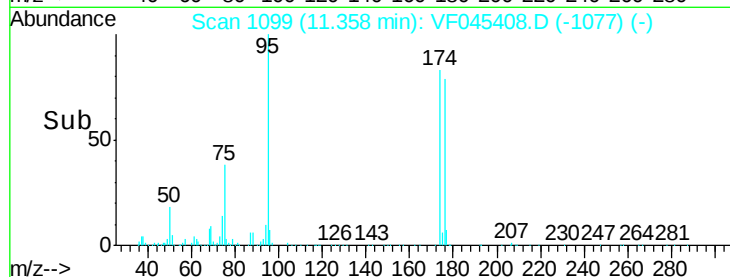
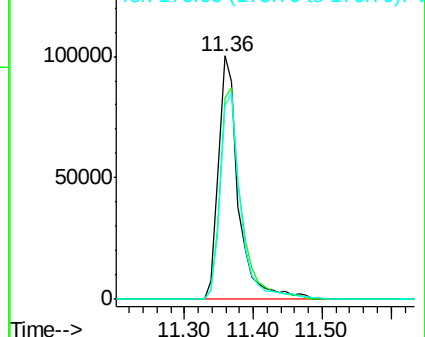
176 79.3 0.0 176.2



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



#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.71 min Scan# 932

Delta R.T. 0.01 min

Lab File: VF045408.D

Acq: 17 Sep 2015 16:01

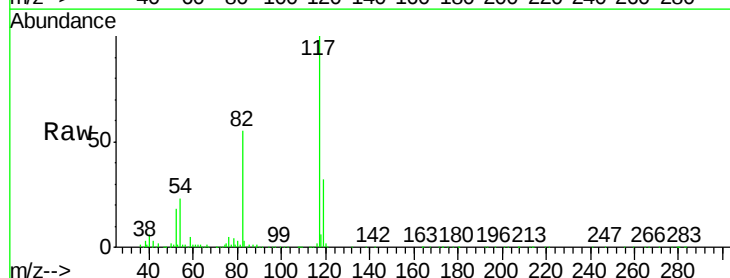
Tgt Ion: 117 Resp: 457097

Ion Ratio Lower Upper

117 100

82 55.2 45.0 67.6

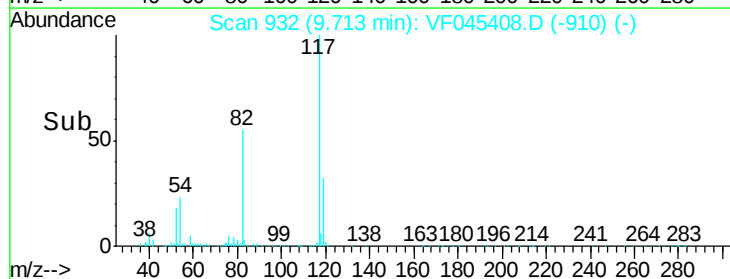
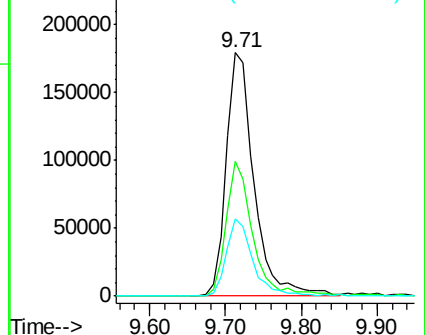
119 31.8 26.2 39.4

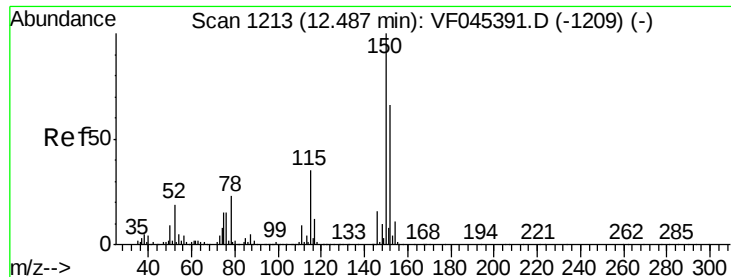


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0

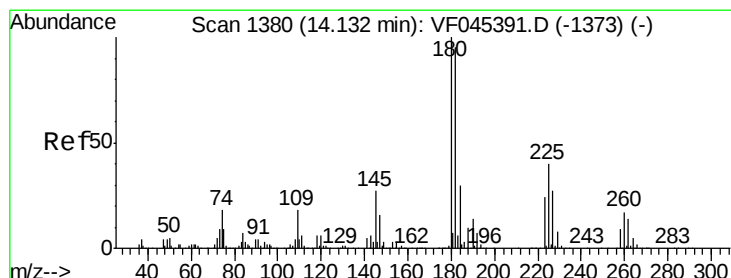
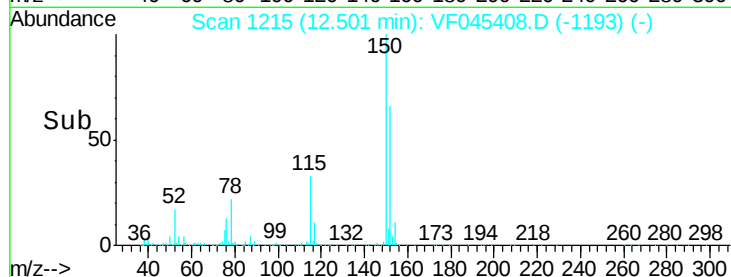
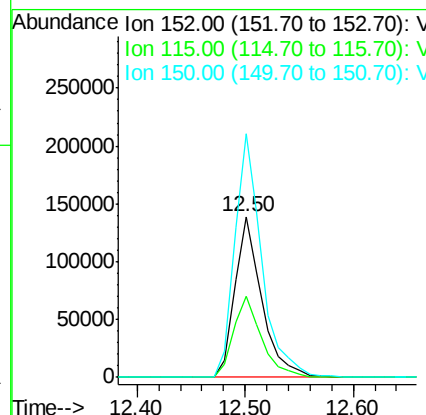
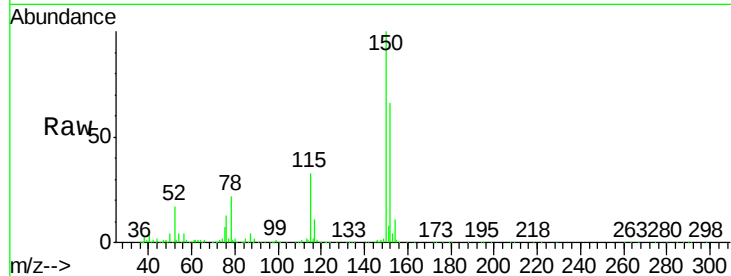




#71
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.50 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: VF045408.D
 Acq: 17 Sep 2015 16:01

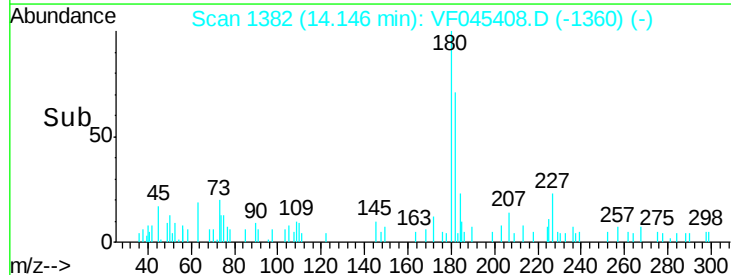
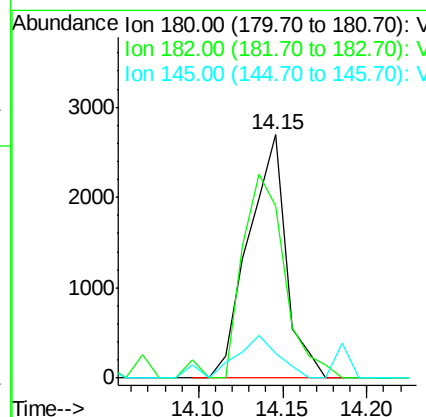
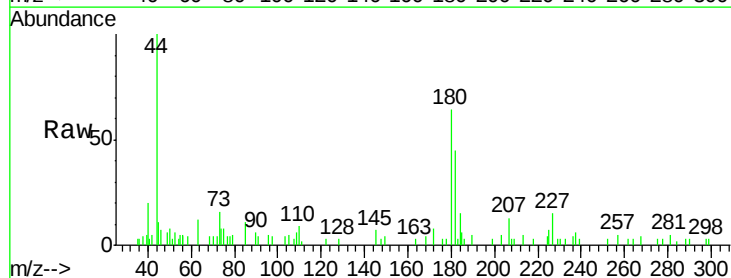
Instrument :
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 MGP209BR-29-30

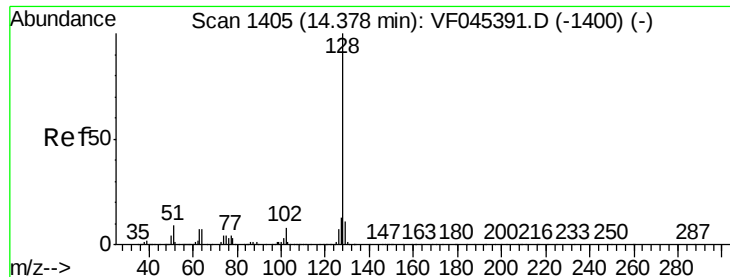
Tot Ion:152 Resp: 240319
 Ion Ratio Lower Upper
 152 100
 115 50.4 28.3 85.0
 150 151.2 0.0 324.2



#92
 1,2,4-Trichlorobenzene
 Concen: 1.01 ug/l
 RT: 14.15 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VF045408.D
 Acq: 17 Sep 2015 16:01

Tgt Ion:180 Resp: 4182
 Ion Ratio Lower Upper
 180 100
 182 70.6 49.4 148.0
 145 10.1 16.7 50.1#





#94

Naphthalene

Concen: 3.42 ug/l

RT: 14.39 min Scan# 1407

Delta R.T. 0.02 min

Lab File: VF045408.D

Acq: 17 Sep 2015 16:01

Instrument :

MSVOA_F

ClientSampleId :

MGP209BR-29-30

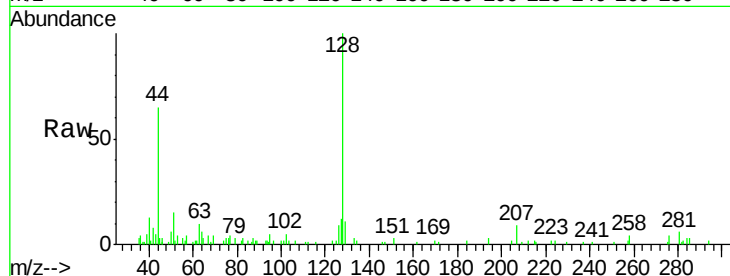
Tot Ion:128 Resp: 14056

Ion Ratio Lower Upper

128 100

127 12.2 9.8 14.8

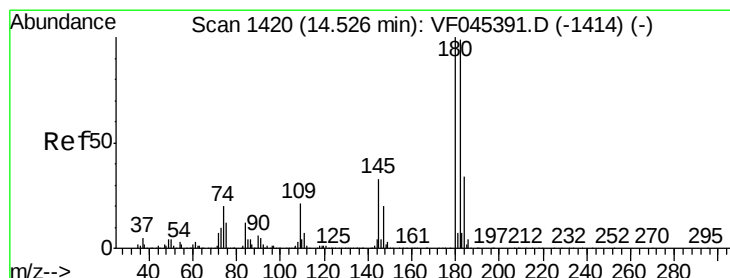
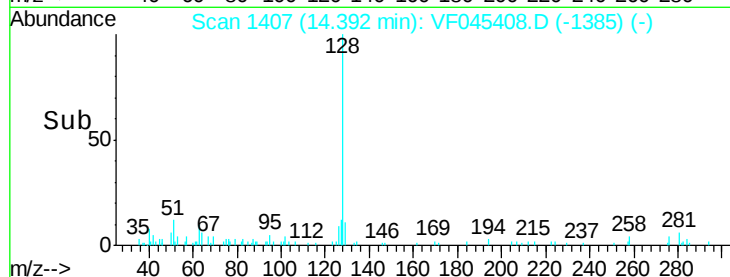
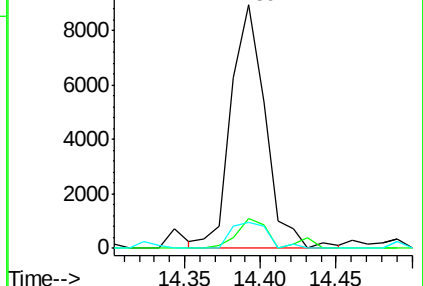
129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#95

1,2,3-Trichlorobenzene

Concen: 1.11 ug/l

RT: 14.54 min Scan# 1422

Delta R.T. 0.01 min

Lab File: VF045408.D

Acq: 17 Sep 2015 16:01

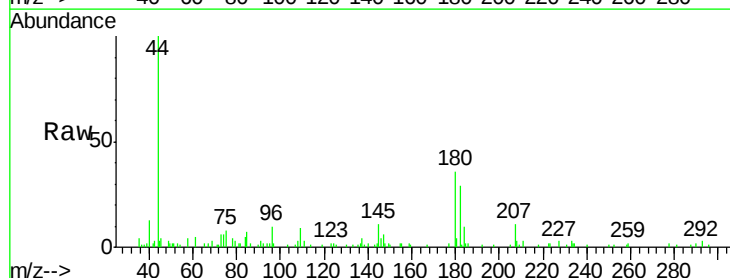
Tgt Ion:180 Resp: 3773

Ion Ratio Lower Upper

180 100

182 76.9 47.6 142.8

145 26.3 14.5 43.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

