

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
 Data File : VF045411.D
 Acq On : 17 Sep 2015 17:26
 Operator : FY/SY
 Sample : G3708-03
 Misc : 10.92g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MGP209BR-29-30

Quant Time: Sep 18 10:22:10 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

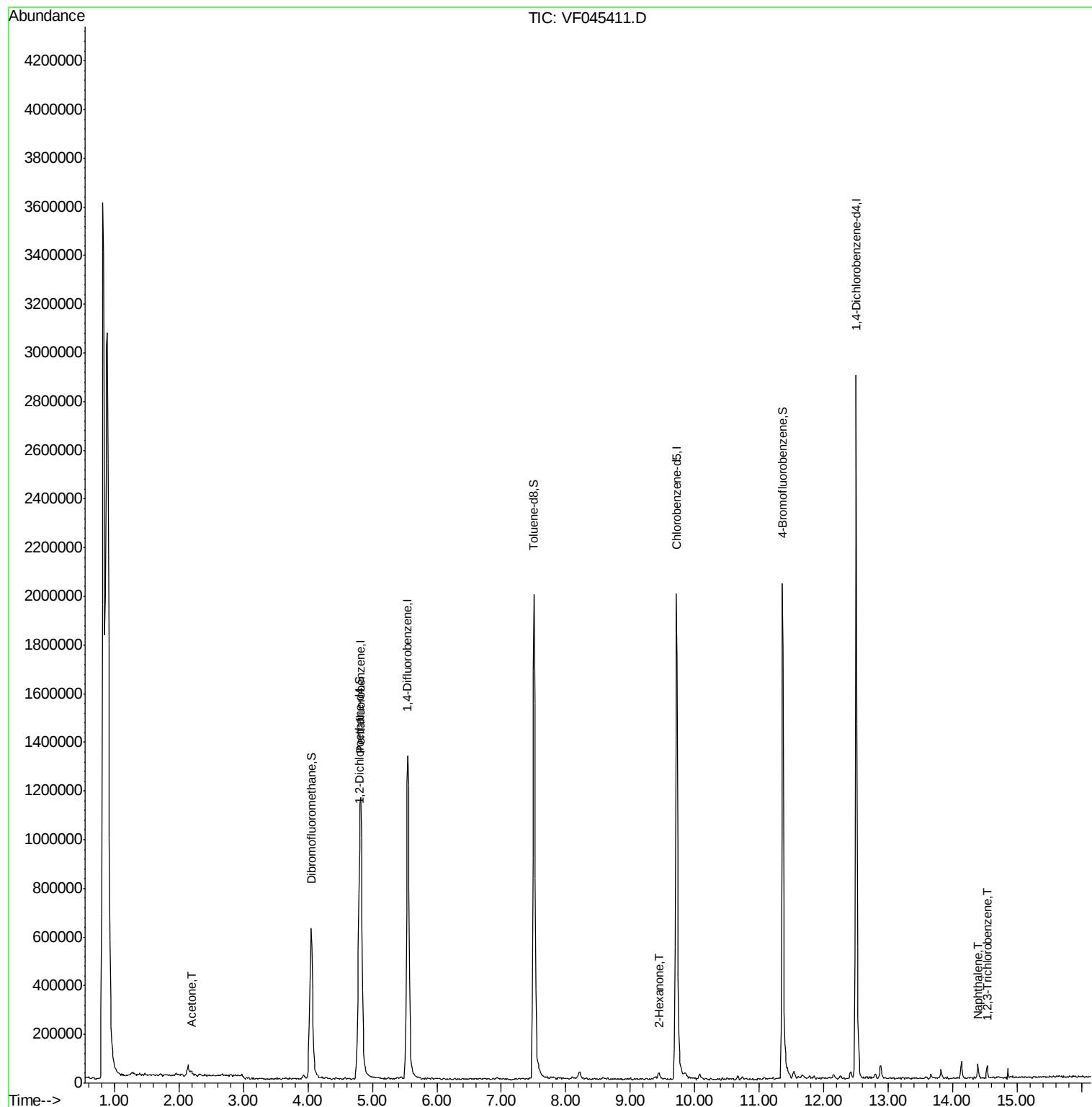
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.82	168	1148838	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	5.55	114	1705458	50.00	ug/l	0.01
62) Chlorobenzene-d5	9.71	117	1573357	50.00	ug/l	0.01
71) 1,4-Dichlorobenzene-d4	12.50	152	850636	50.00	ug/l	0.01
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	4.79	65	533476	43.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.48%	
34) Dibromofluoromethane	4.05	113	621636	47.05	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.10%	
49) Toluene-d8	7.51	98	1791867	46.04	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.08%	
61) 4-Bromofluorobenzene	11.36	95	816517	43.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.28%	
Target Compounds						
16) Acetone	2.19	43	26958	9.63	ug/l	# 86
58) 2-Hexanone	9.45	43	29623	4.85	ug/l	76
94) Naphthalene	14.39	128	40034	3.08	ug/l	98
95) 1,2,3-Trichlorobenzene	14.54	180	14547	1.21	ug/l	95

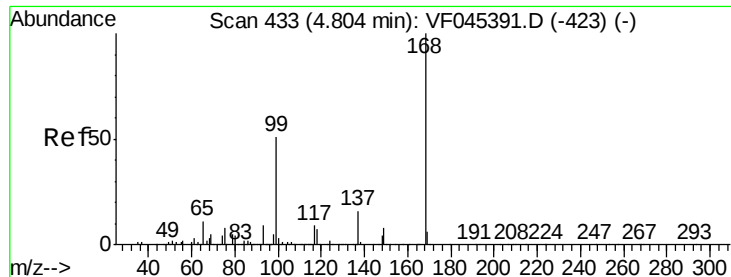
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 16:04:03 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.82 min Scan# 435

Delta R.T. 0.01 min

Lab File: VF045411.D

Acq: 17 Sep 2015 17:26

Instrument :

MSVOA_F

ClientSampleId :

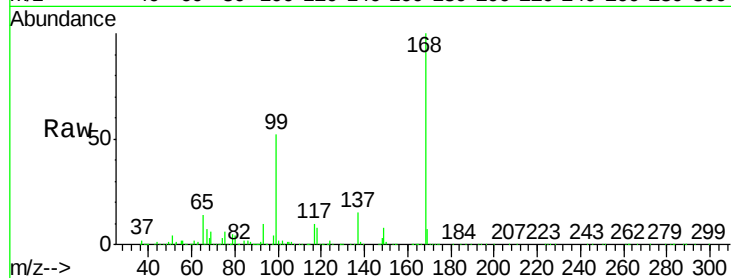
MGP209BR-29-30

Tot Ion:168 Resp: 1148838

Ion Ratio Lower Upper

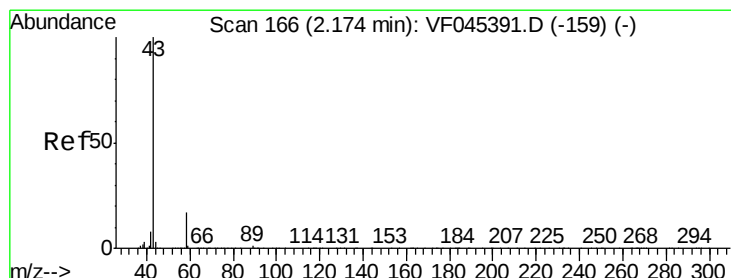
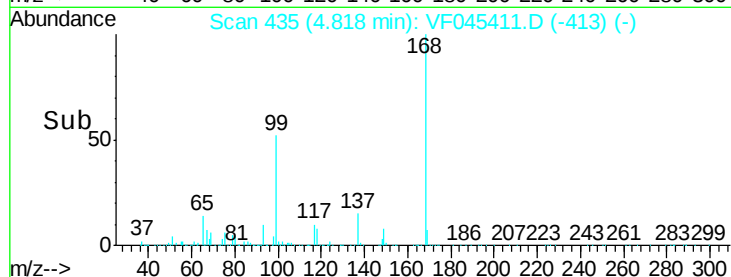
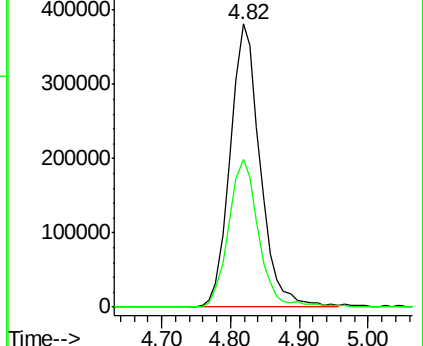
168 100

99 52.0 39.0 58.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 9.63 ug/l

RT: 2.19 min Scan# 168

Delta R.T. 0.01 min

Lab File: VF045411.D

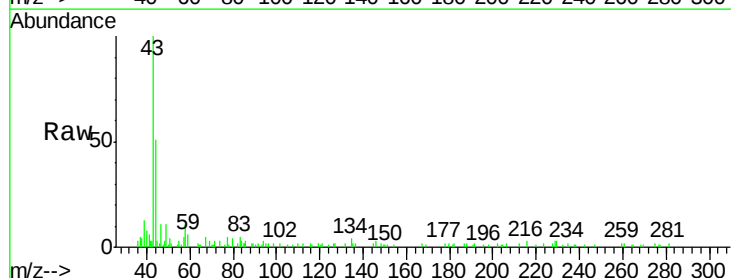
Acq: 17 Sep 2015 17:26

Tgt Ion: 43 Resp: 26958

Ion Ratio Lower Upper

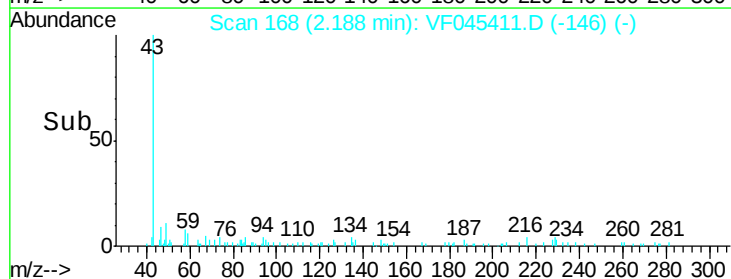
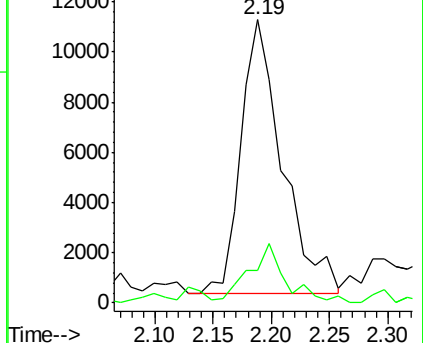
43 100

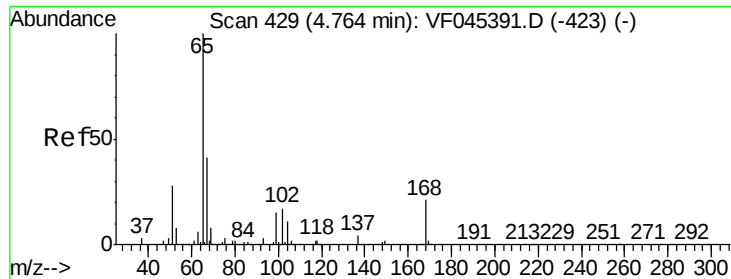
58 11.4 13.9 20.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#32

1,2-Dichloroethane-d4

Concen: 43.24 ug/l

RT: 4.79 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF045411.D

Acq: 17 Sep 2015 17:26

Instrument :

MSVOA_F

ClientSampleId :

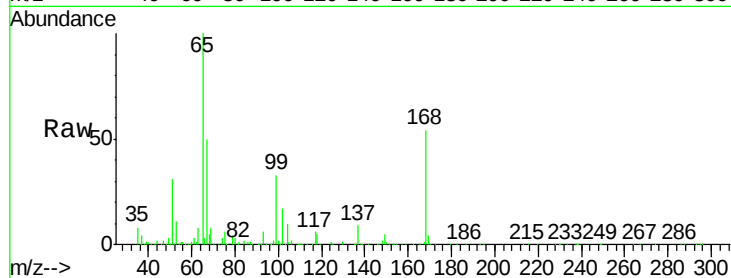
MGP209BR-29-30

Tot Ion: 65 Resp: 533476

Ion Ratio Lower Upper

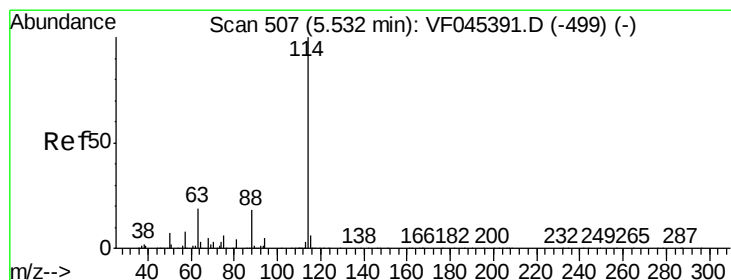
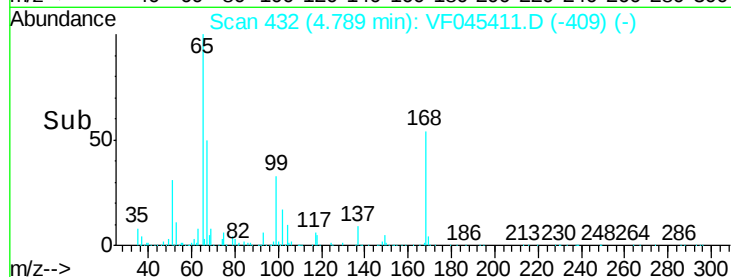
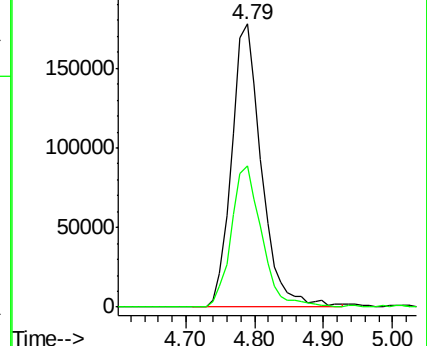
65 100

67 49.7 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: VF045411.D

Acq: 17 Sep 2015 17:26

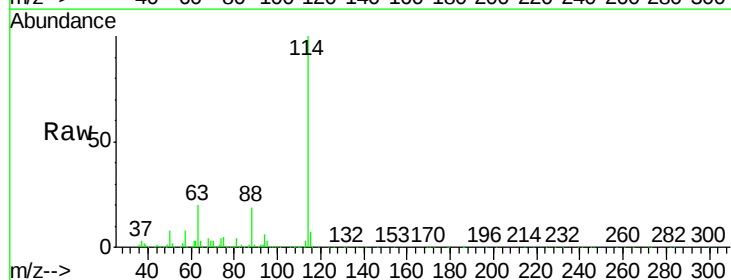
Tgt Ion:114 Resp: 1705458

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

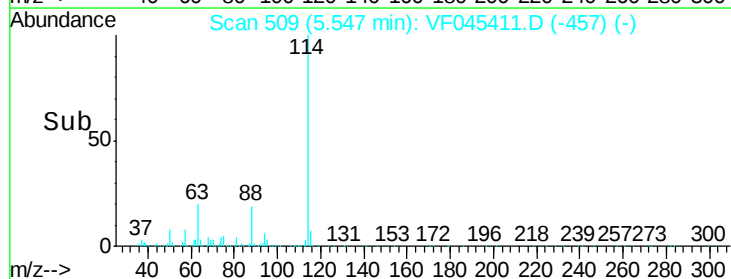
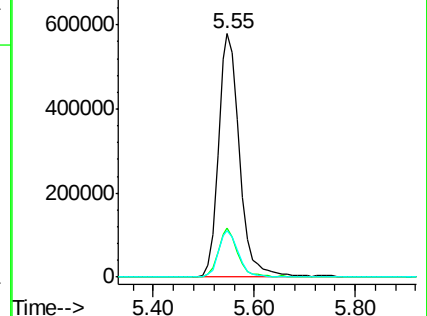
88 19.3 0.0 37.0

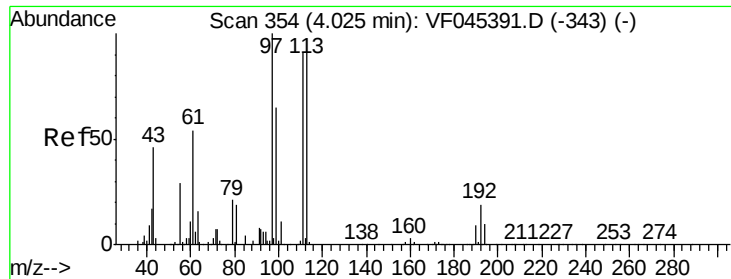


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

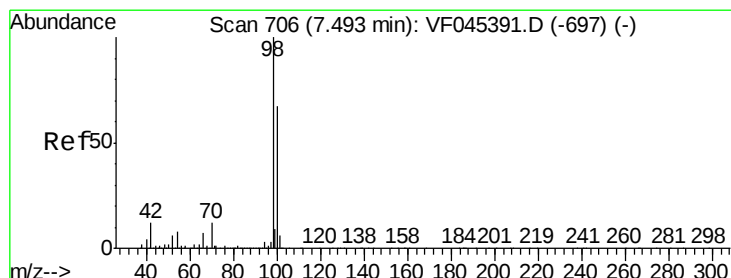
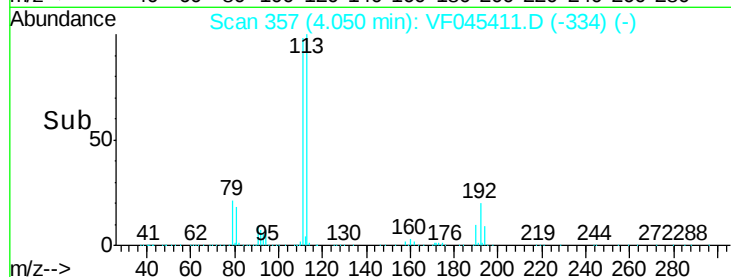
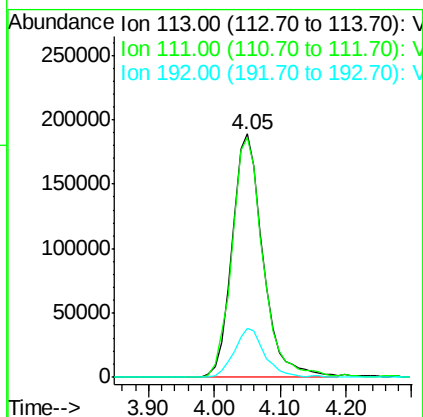
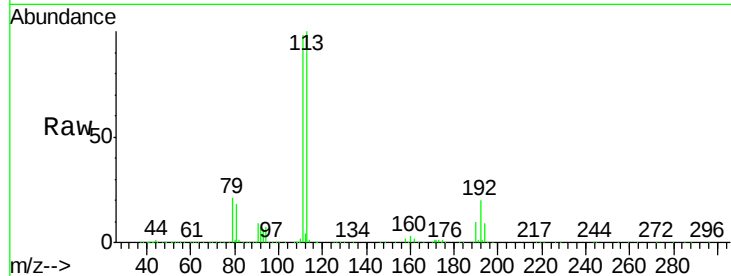




#34
Dibromofluoromethane
Concen: 47.05 ug/l
RT: 4.05 min Scan# 357
Delta R.T. 0.02 min
Lab File: VF045411.D
Acq: 17 Sep 2015 17:26

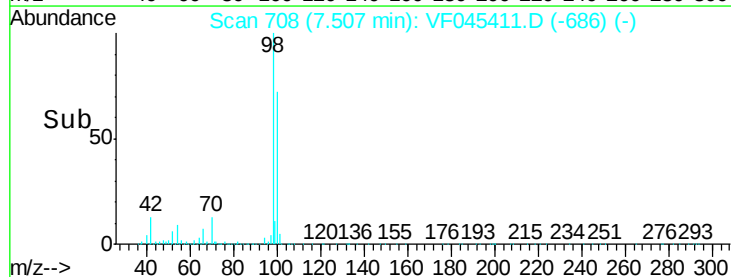
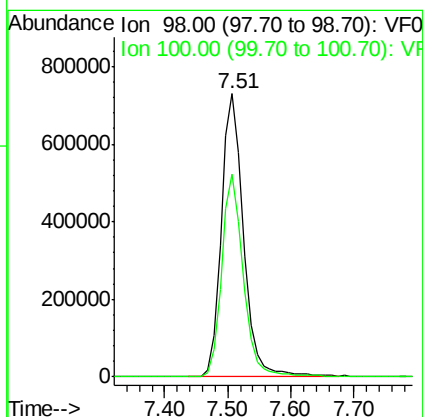
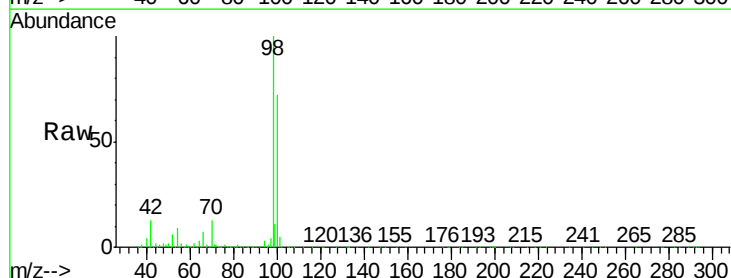
Instrument :
MSVOA_F
ClientSampleId :
MGP209BR-29-30

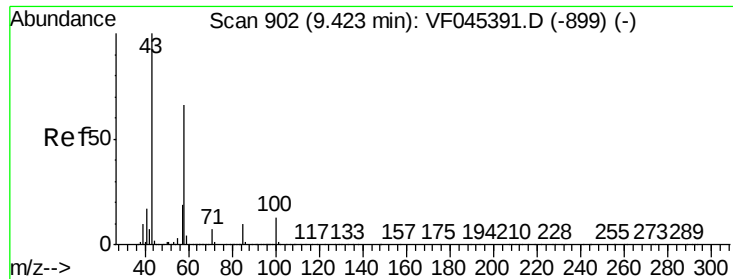
Tot Ion:113 Resp: 621636
Ion Ratio Lower Upper
113 100
111 98.4 75.5 113.3
192 20.3 15.6 23.4



#49
Toluene-d8
Concen: 46.04 ug/l
RT: 7.51 min Scan# 708
Delta R.T. 0.01 min
Lab File: VF045411.D
Acq: 17 Sep 2015 17:26

Tgt Ion: 98 Resp: 1791867
Ion Ratio Lower Upper
98 100
100 71.7 54.4 81.6

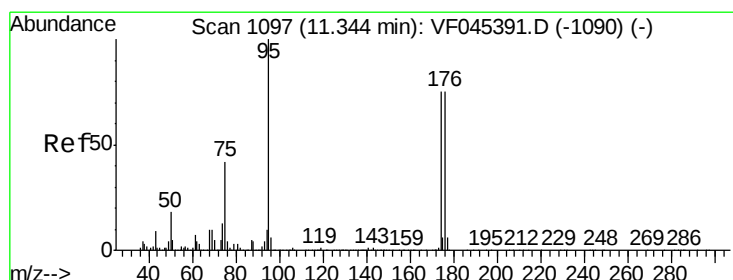
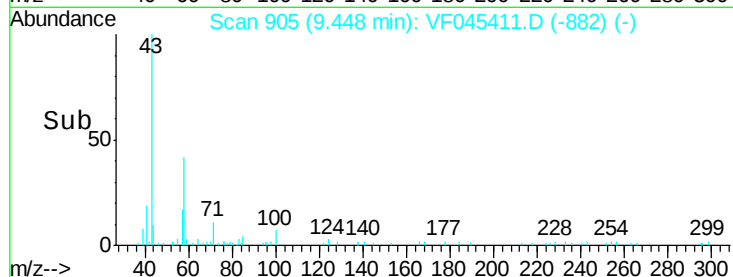
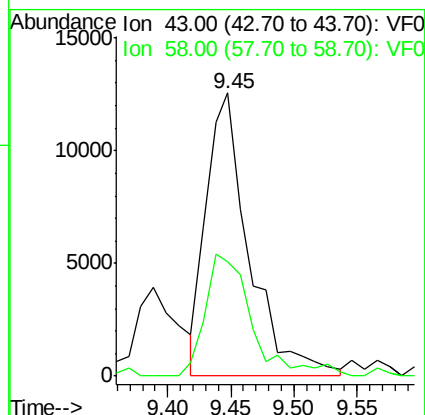
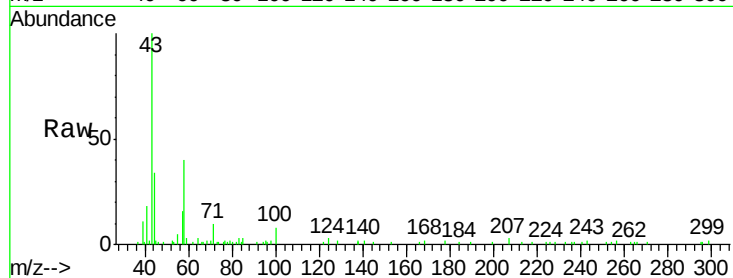




#58
2-Hexanone
Concen: 4.85 ug/l
RT: 9.45 min Scan# 905
Delta R.T. 0.02 min
Lab File: VF045411.D
Acq: 17 Sep 2015 17:26

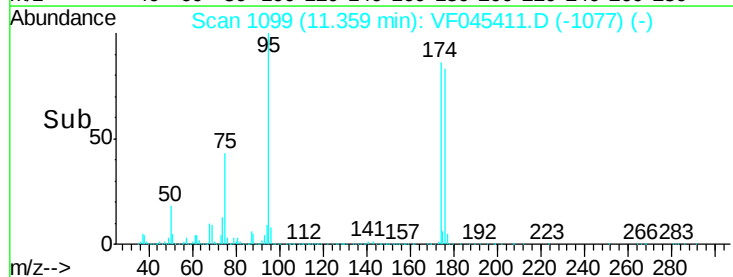
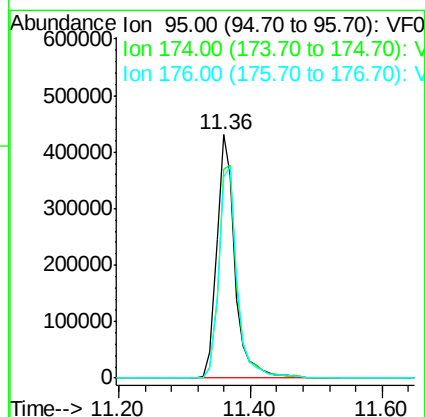
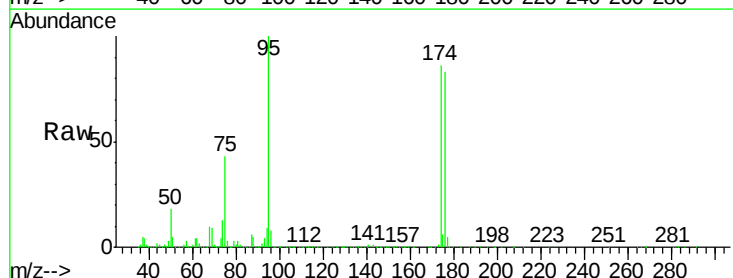
Instrument :
MSVOA_F
ClientSampleId :
MGP209BR-29-30

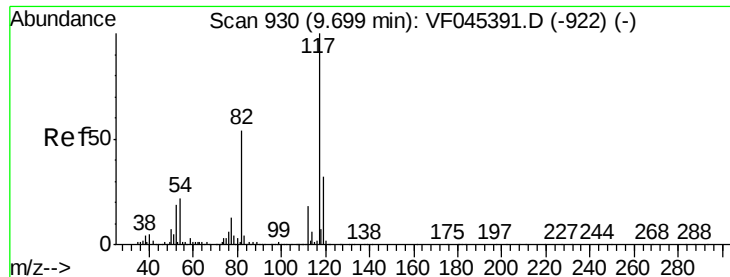
Tot Ion: 43 Resp: 29623
Ion Ratio Lower Upper
43 100
58 40.2 28.8 86.5



#61
4-Bromofluorobenzene
Concen: 43.64 ug/l
RT: 11.36 min Scan# 1099
Delta R.T. 0.01 min
Lab File: VF045411.D
Acq: 17 Sep 2015 17:26

Tgt Ion: 95 Resp: 816517
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.8
176 82.7 0.0 176.2





#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.71 min Scan# 932

Delta R.T. 0.01 min

Lab File: VF045411.D

Acq: 17 Sep 2015 17:26

Instrument :

MSVOA_F

ClientSampleId :

MGP209BR-29-30

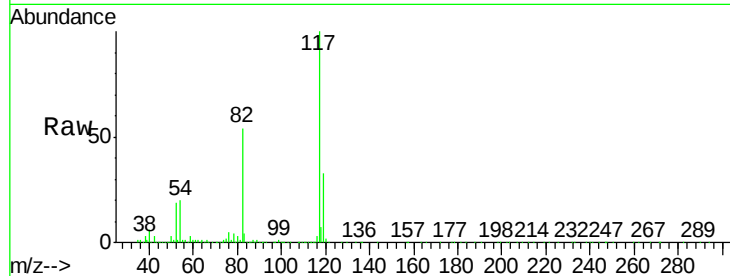
Tot Ion:117 Resp: 1573357

Ion Ratio Lower Upper

117 100

82 54.1 45.0 67.6

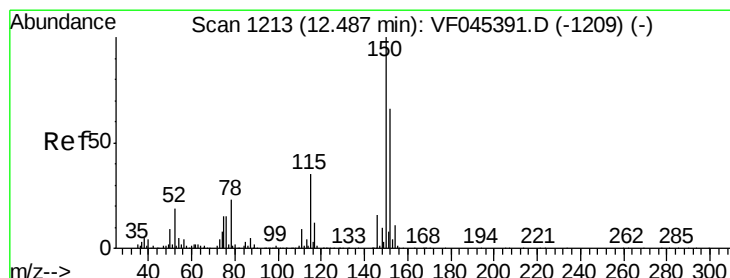
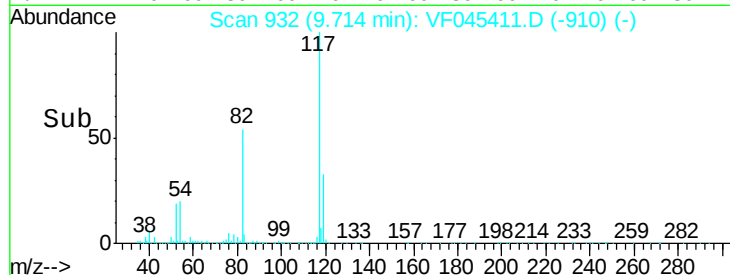
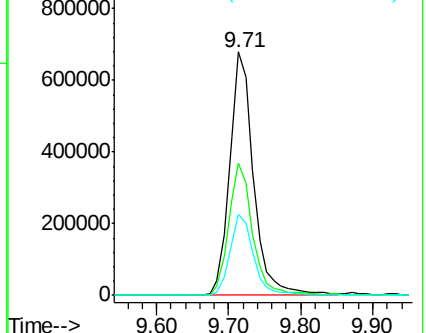
119 33.3 26.2 39.4



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# 1215

Delta R.T. 0.01 min

Lab File: VF045411.D

Acq: 17 Sep 2015 17:26

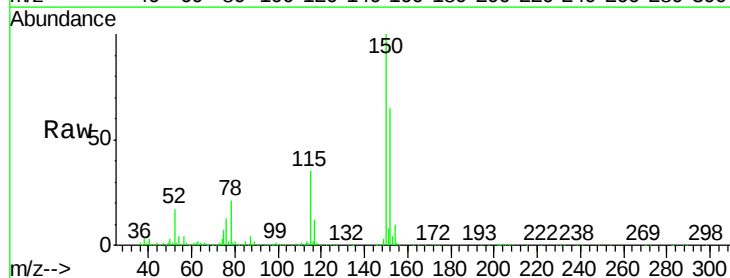
Tgt Ion:152 Resp: 850636

Ion Ratio Lower Upper

152 100

115 53.8 28.3 85.0

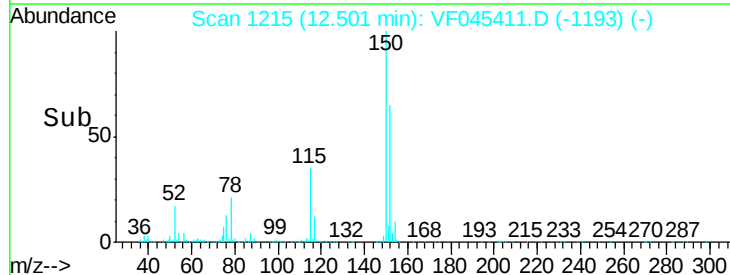
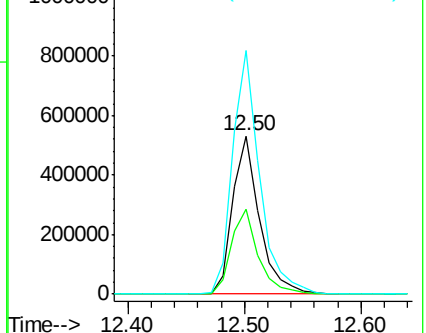
150 153.7 0.0 324.2

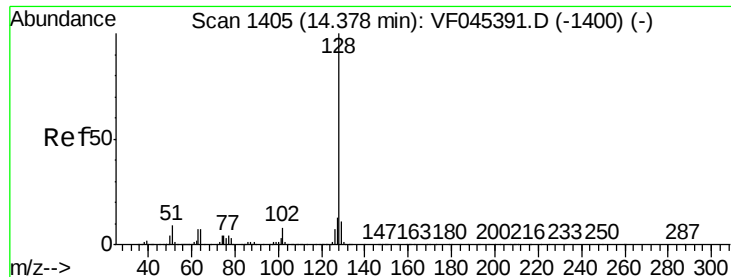


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#94

Naphthalene

Concen: 3.08 ug/l

RT: 14.39 min Scan# 1407

Delta R.T. 0.02 min

Lab File: VF045411.D

Acq: 17 Sep 2015 17:26

Instrument :

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MGP209BR-29-30

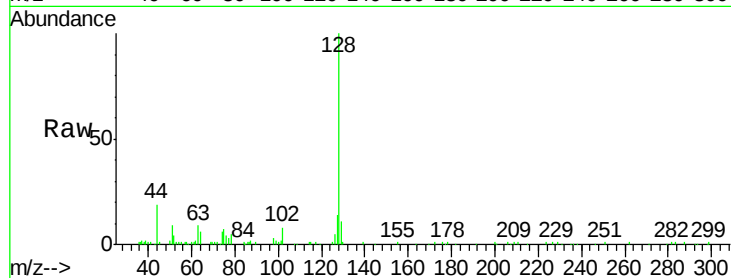
Tot Ion:128 Resp: 40034

Ion Ratio Lower Upper

128 100

127 13.7 9.8 14.8

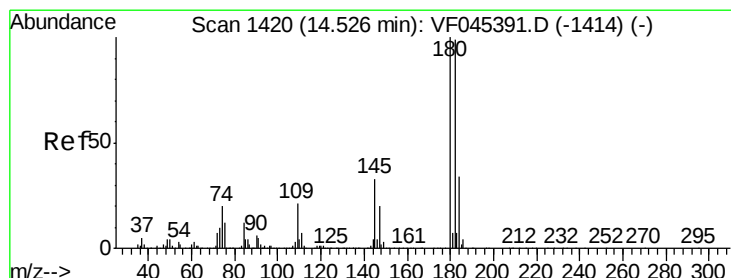
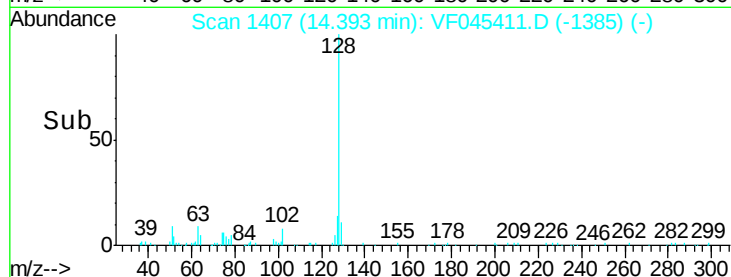
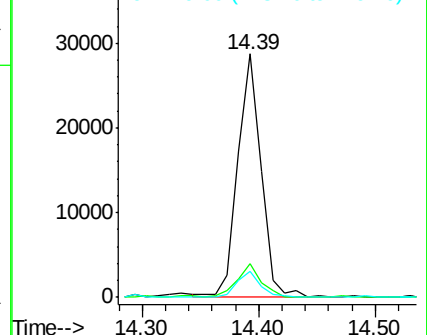
129 10.8 8.8 13.2



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: 1.21 ug/l

RT: 14.54 min Scan# 1422

Delta R.T. 0.01 min

Lab File: VF045411.D

Acq: 17 Sep 2015 17:26

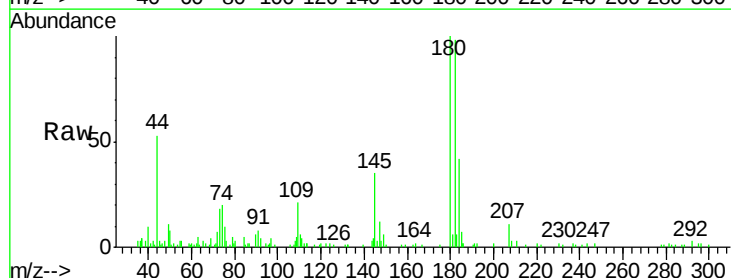
Tgt Ion:180 Resp: 14547

Ion Ratio Lower Upper

180 100

182 98.5 47.6 142.8

145 35.5 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

