

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
 Data File : VF045413.D
 Acq On : 17 Sep 2015 18:23
 Operator : FY/SY
 Sample : G3708-02
 Misc : 12.20g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MGP2090BR-15-17

Quant Time: Sep 18 10:26:01 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

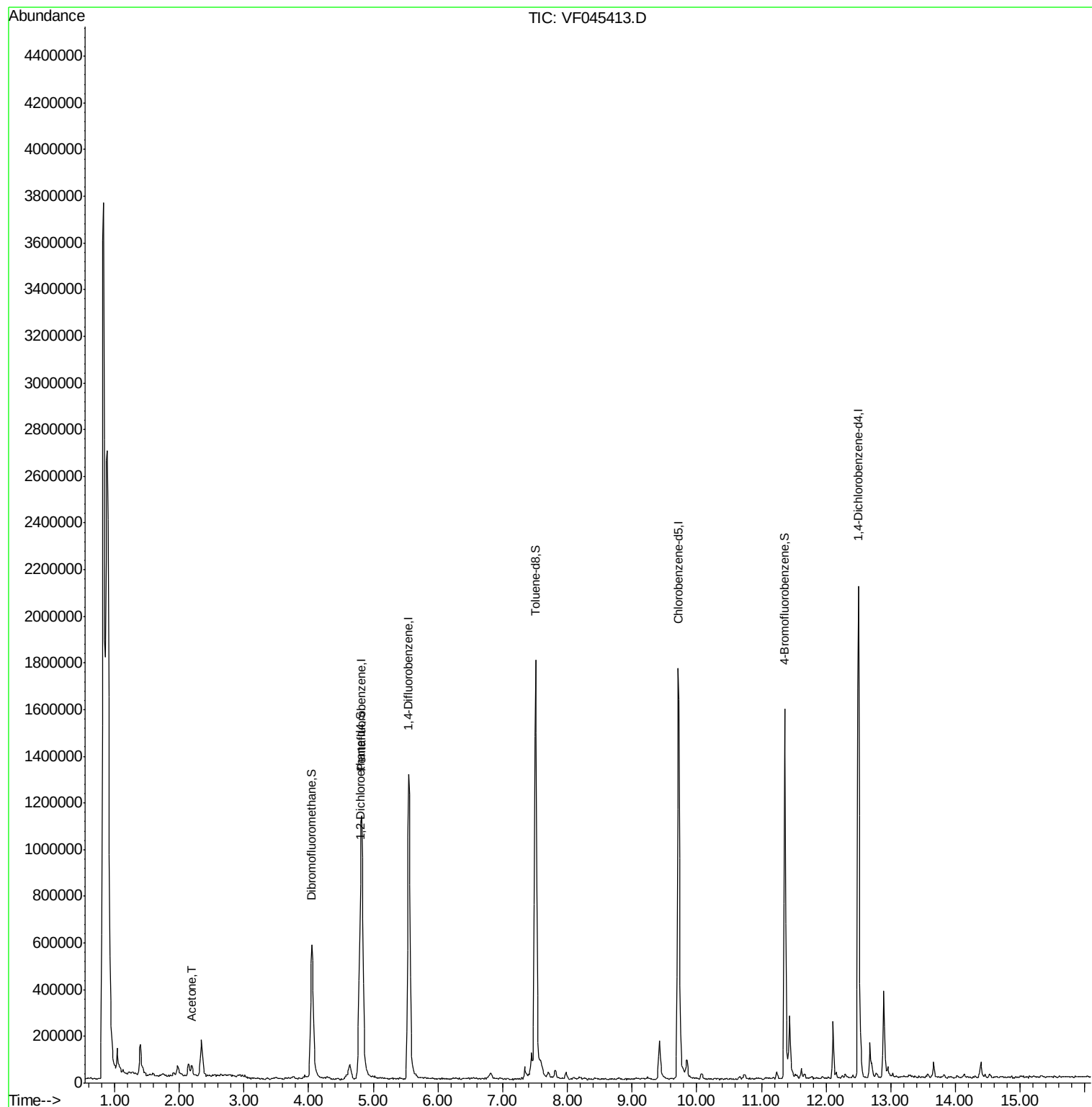
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.82	168	1103443	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	5.55	114	1621083	50.00	ug/l	0.01
62) Chlorobenzene-d5	9.71	117	1443129	50.00	ug/l	0.01
71) 1,4-Dichlorobenzene-d4	12.50	152	634013	50.00	ug/l	0.01
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	4.79	65	456933	38.56	ug/l	0.02
Spiked Amount 50.000			Recovery	=	77.12%	
34) Dibromofluoromethane	4.05	113	563131	44.84	ug/l	0.02
Spiked Amount 50.000			Recovery	=	89.68%	
49) Toluene-d8	7.51	98	1605603	43.40	ug/l	0.01
Spiked Amount 50.000			Recovery	=	86.80%	
61) 4-Bromofluorobenzene	11.36	95	652335	36.68	ug/l	0.01
Spiked Amount 50.000			Recovery	=	73.36%	
Target Compounds						
16) Acetone	2.19	43	76029	28.26	ug/l	Qvalue # 86

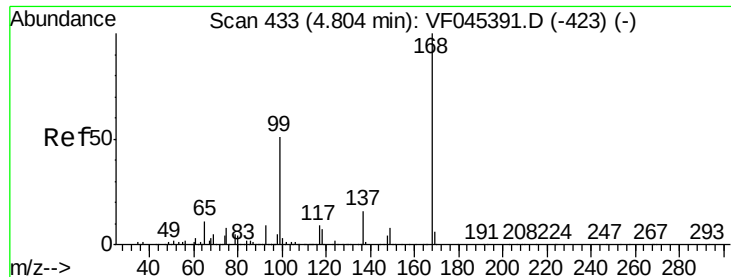
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.82 min Scan# 435

Delta R.T. 0.01 min

Lab File: VF045413.D

Acq: 17 Sep 2015 18:23

Instrument :

MSVOA_F

ClientSampleId :

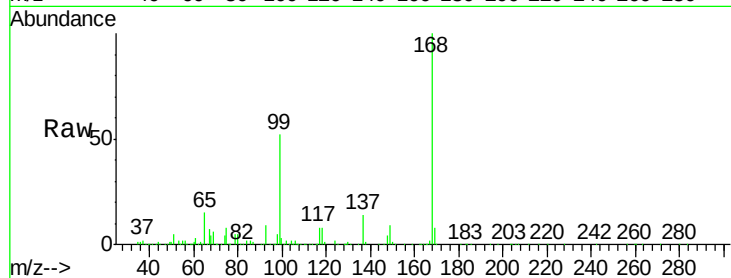
MGP2090BR-15-17

Tot Ion:168 Resp: 1103443

Ion Ratio Lower Upper

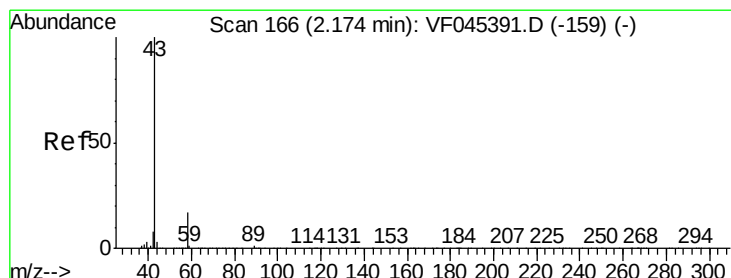
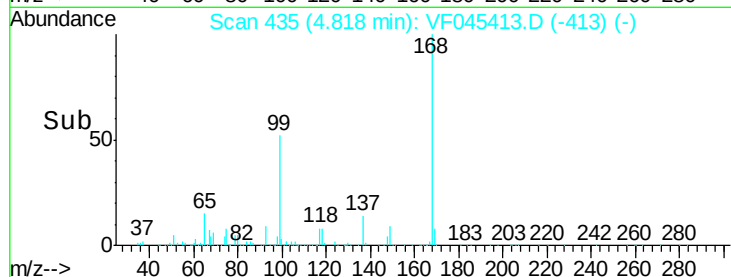
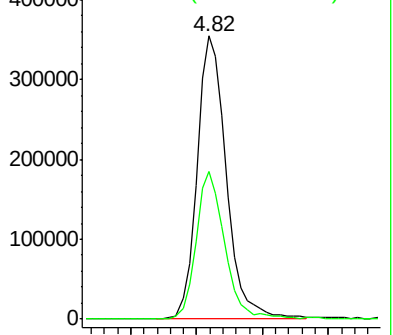
168 100

99 52.2 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: 28.26 ug/l

RT: 2.19 min Scan# 168

Delta R.T. 0.01 min

Lab File: VF045413.D

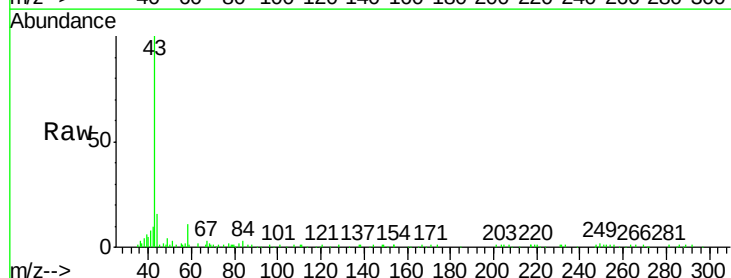
Acq: 17 Sep 2015 18:23

Tgt Ion: 43 Resp: 76029

Ion Ratio Lower Upper

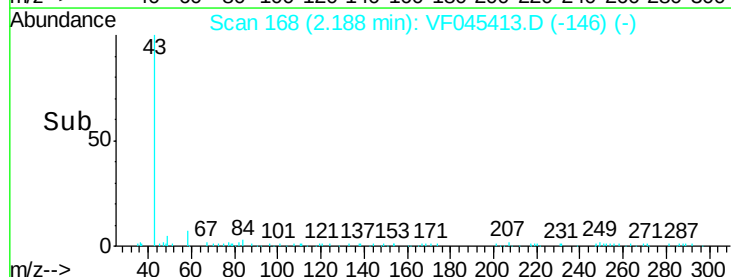
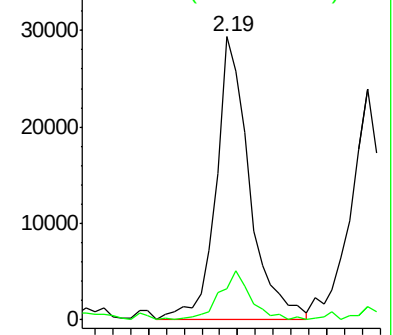
43 100

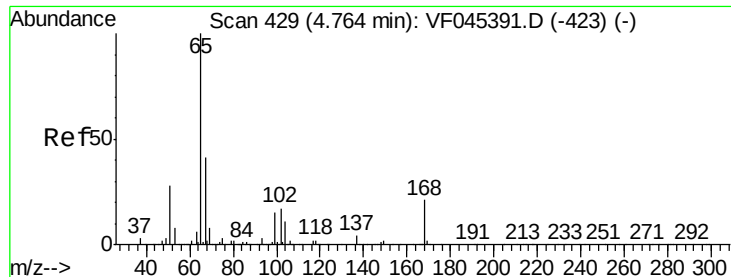
58 11.2 13.9 20.9#



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: 38.56 ug/l

RT: 4.79 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF045413.D

Acq: 17 Sep 2015 18:23

Instrument :

MSVOA_F

ClientSampleId :

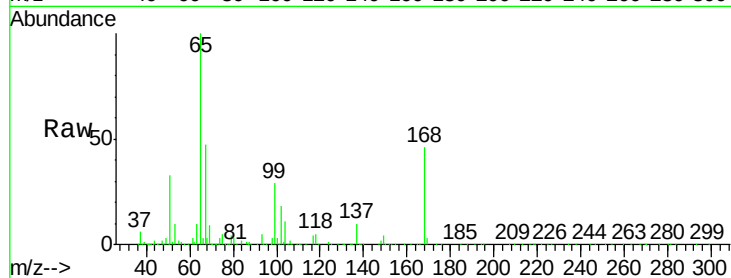
MGP2090BR-15-17

Tot Ion: 65 Resp: 456933

Ion Ratio Lower Upper

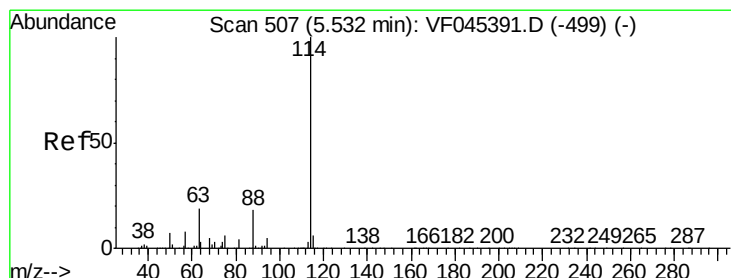
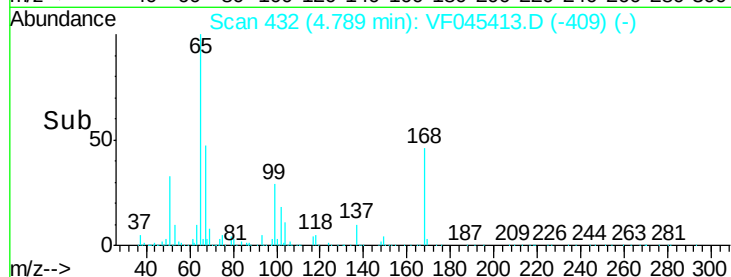
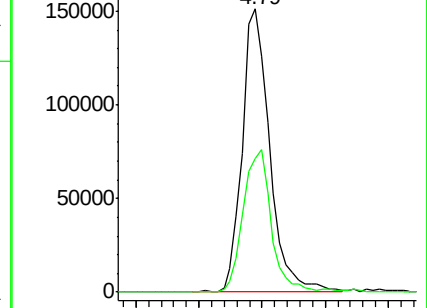
65 100

67 47.3 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: VF045413.D

Acq: 17 Sep 2015 18:23

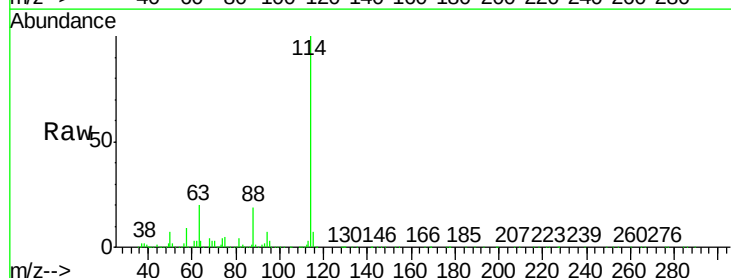
Tgt Ion: 114 Resp: 1621083

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

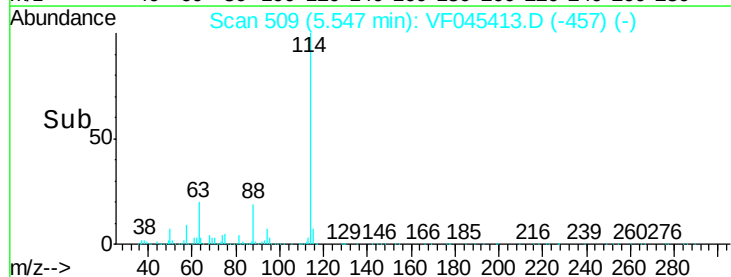
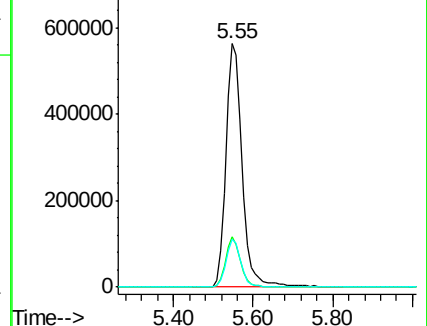
88 19.4 0.0 37.0

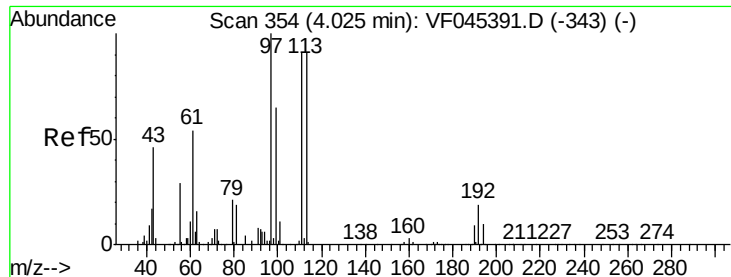


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

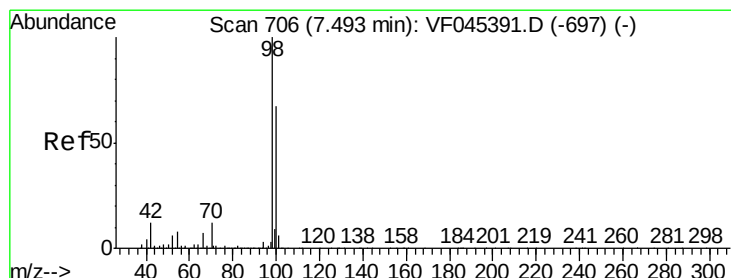
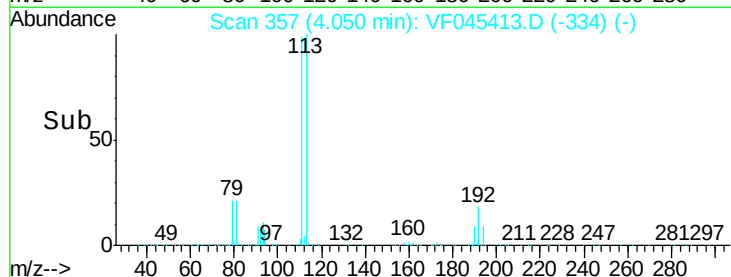
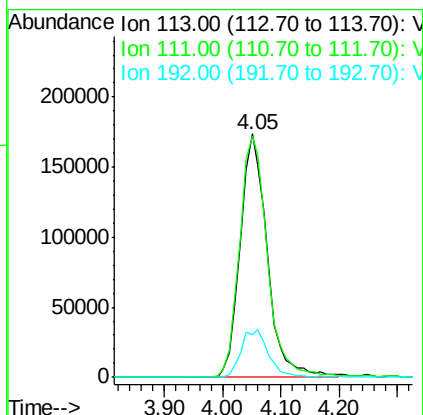
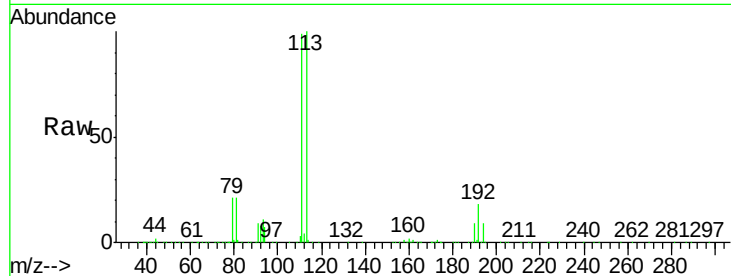




#34
Dibromofluoromethane
Concen: 44.84 ug/l
RT: 4.05 min Scan# 357
Delta R.T. 0.02 min
Lab File: VF045413.D
Acq: 17 Sep 2015 18:23

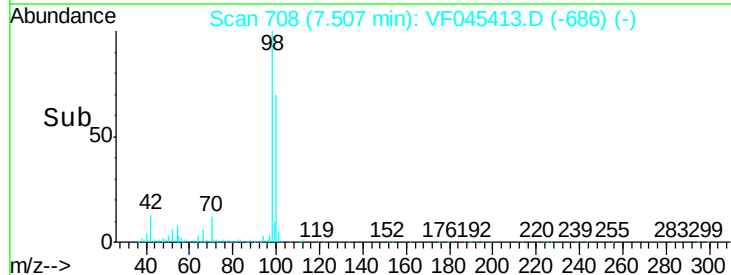
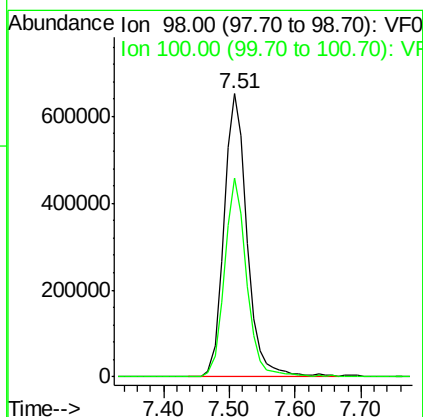
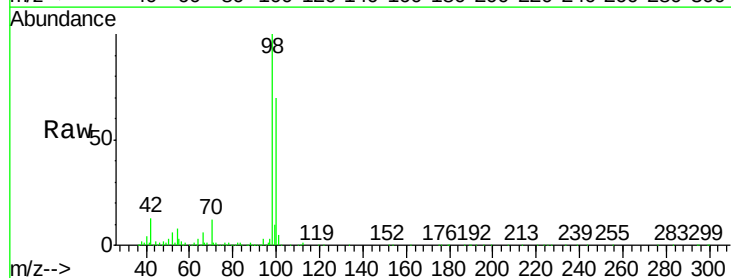
Instrument :
MSVOA_F
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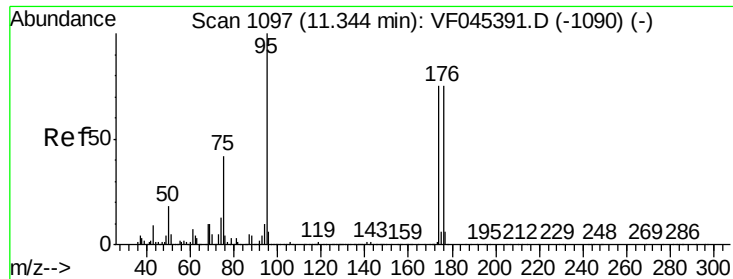
Tot Ion: 113 Resp: 563131
Ion Ratio Lower Upper
113 100
111 99.1 75.5 113.3
192 17.7 15.6 23.4



#49
Toluene-d8
Concen: 43.40 ug/l
RT: 7.51 min Scan# 708
Delta R.T. 0.01 min
Lab File: VF045413.D
Acq: 17 Sep 2015 18:23

Tgt Ion: 98 Resp: 1605603
Ion Ratio Lower Upper
98 100
100 70.2 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: VF045413.D

Acq: 17 Sep 2015 18:23

Instrument :

MSVOA_F

ClientSampleId :

MGP2090BR-15-17

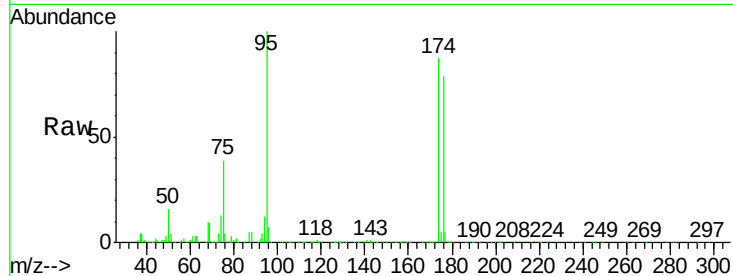
Tot Ion: 95 Resp: 652335

Ion Ratio Lower Upper

95 100

174 87.0 0.0 177.8

176 79.2 0.0 176.2

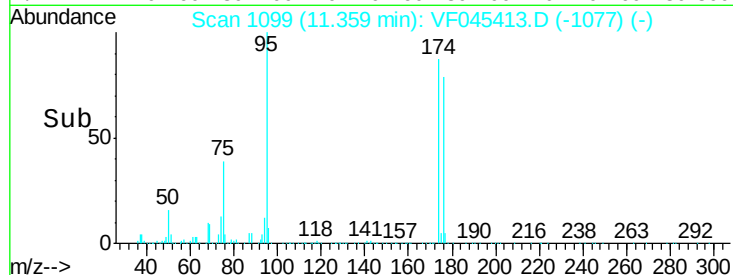


Abundance Ion 95.00 (94.70 to 95.70): VF045413.D (-1090) (-)

Ion 174.00 (173.70 to 174.70): VF045413.D (-1090) (-)

Ion 176.00 (175.70 to 176.70): VF045413.D (-1090) (-)

Time-->

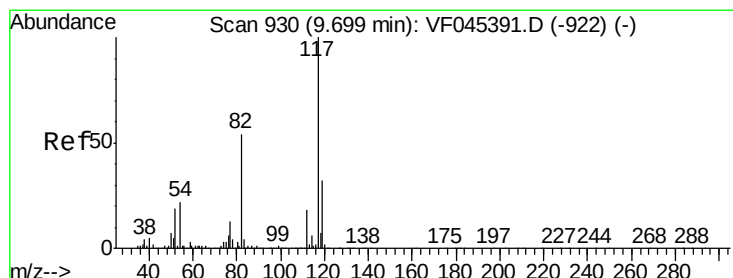


Abundance Ion 95.00 (94.70 to 95.70): VF045413.D (-1077) (-)

Ion 174.00 (173.70 to 174.70): VF045413.D (-1077) (-)

Ion 176.00 (175.70 to 176.70): VF045413.D (-1077) (-)

Time-->



#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.71 min Scan# 932

Delta R.T. 0.01 min

Lab File: VF045413.D

Acq: 17 Sep 2015 18:23

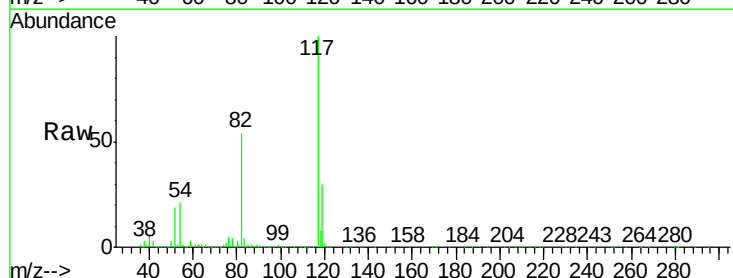
Tgt Ion: 117 Resp: 1443129

Ion Ratio Lower Upper

117 100

82 54.2 45.0 67.6

119 29.9 26.2 39.4

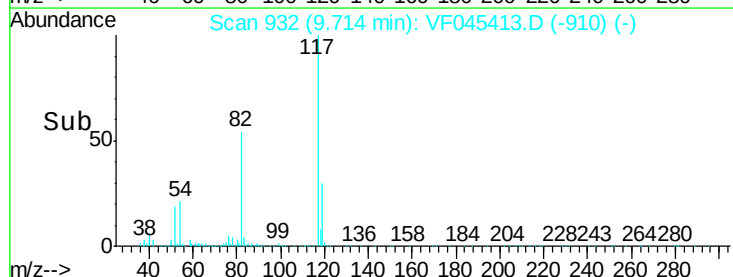


Abundance Ion 117.00 (116.70 to 117.70): VF045413.D (-922) (-)

Ion 82.00 (81.70 to 82.70): VF045413.D (-922) (-)

Ion 119.00 (118.70 to 119.70): VF045413.D (-922) (-)

Time-->

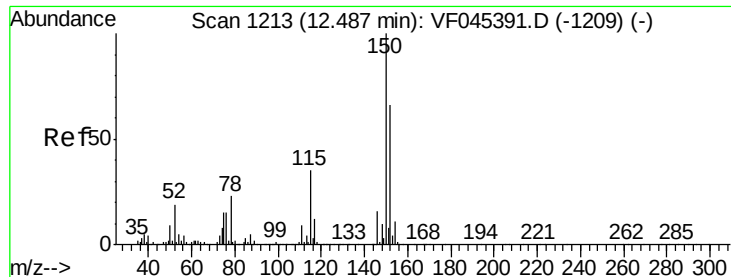


Abundance Ion 117.00 (116.70 to 117.70): VF045413.D (-910) (-)

Ion 82.00 (81.70 to 82.70): VF045413.D (-910) (-)

Ion 119.00 (118.70 to 119.70): VF045413.D (-910) (-)

Time-->



#71

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.50 min Scan# 1215

Delta R.T. 0.01 min

Lab File: VF045413.D

Acq: 17 Sep 2015 18:23

Instrument :

MSVOA_F

ClientSampleId :

MGP2090BR-15-17

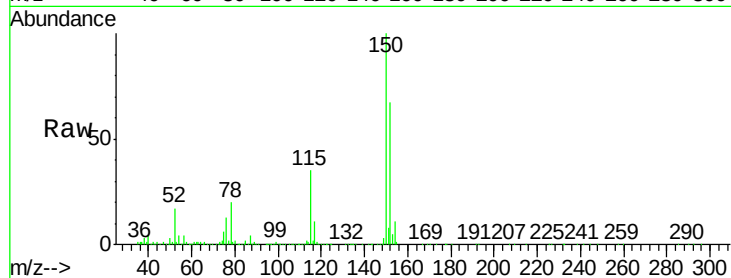
Tot Ion:152 Resp: 634013

Ion Ratio Lower Upper

152 100

115 51.1 28.3 85.0

150 148.2 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

