

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091615\
 Data File : VF045400.D
 Acq On : 16 Sep 2015 20:35
 Operator : FY/SY
 Sample : G3707-03LOD 3ppb
 Misc : 5.00µg/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Sep 17 08:04:01 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	4.81	168	1083087	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	5.54	114	1631714	50.00	ug/l	0.00
62) Chlorobenzene-d5	9.70	117	1579460	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	12.49	152	839888	50.00	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	4.78	65	563360	48.44	ug/l	0.02
Spiked Amount	50.000		Recovery	=	96.88%	
34) Dibromofluoromethane	4.03	113	629509	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
49) Toluene-d8	7.50	98	1879824	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
61) 4-Bromofluorobenzene	11.35	95	868127	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

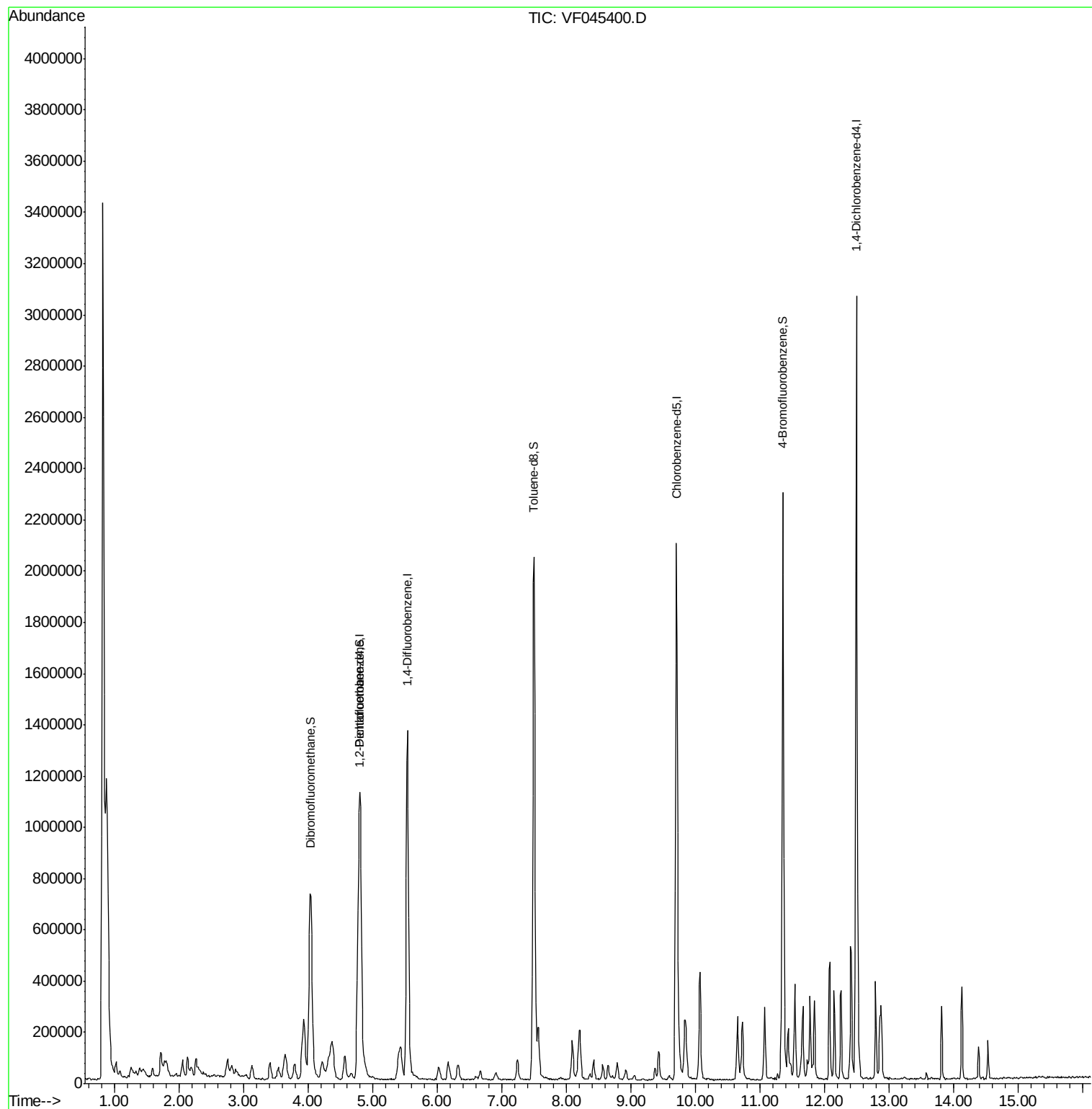
Target Compounds	Qvalue

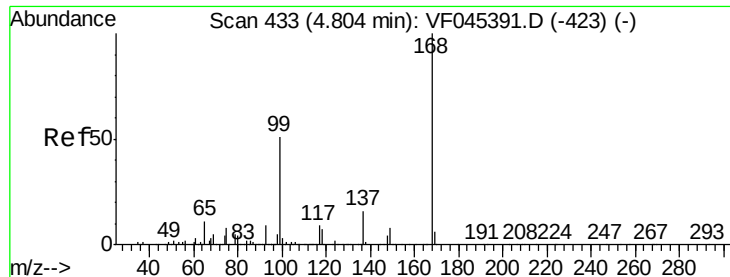
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091615\
Data File : VF045400.D
Acq On : 16 Sep 2015 20:35
Operator : FY/SY
Sample : G3707-03LOD 3ppb
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
LOD-SOIL2015-01

Quant Time: Sep 17 08:04:01 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.81 min Scan# 434

Delta R.T. 0.01 min

Lab File: VF045400.D

Acq: 16 Sep 2015 20:35

Instrument :

MSVOA_F

ClientSampleId :

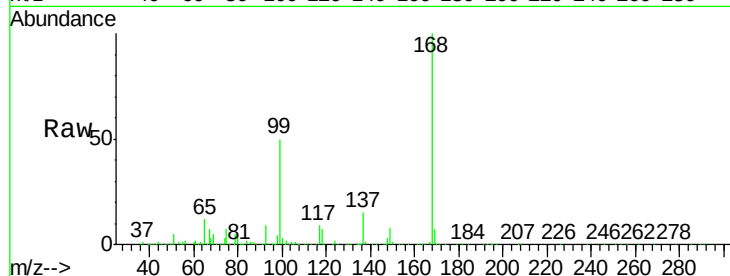
LOD-SOIL2015-01

Tot Ion:168 Resp: 1083087

Ion Ratio Lower Upper

168 100

99 50.1 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

400000

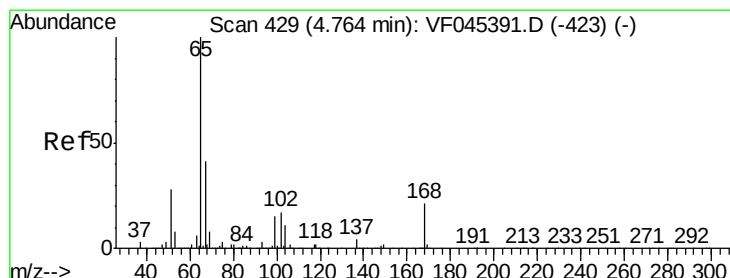
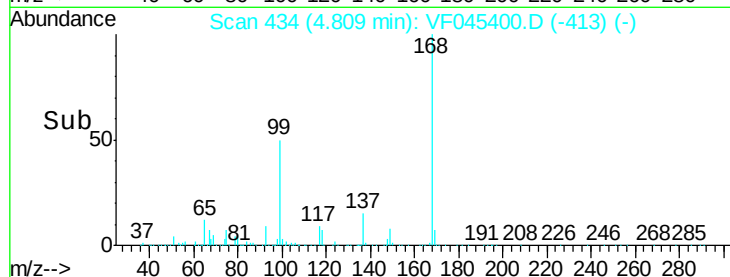
300000

200000

100000

0

Time--> 4.60 4.80 5.00



#32

1,2-Dichloroethane-d4

Concen: 48.44 ug/l

RT: 4.78 min Scan# 431

Delta R.T. 0.02 min

Lab File: VF045400.D

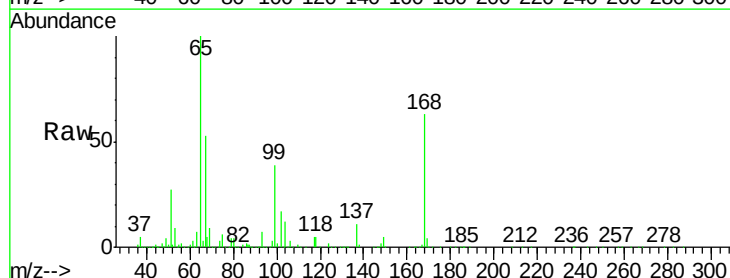
Acq: 16 Sep 2015 20:35

Tgt Ion: 65 Resp: 563360

Ion Ratio Lower Upper

65 100

67 53.1 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

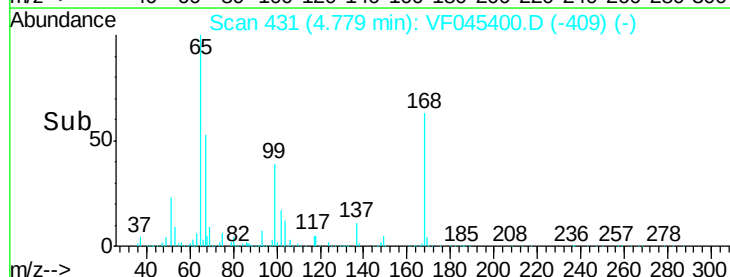
150000

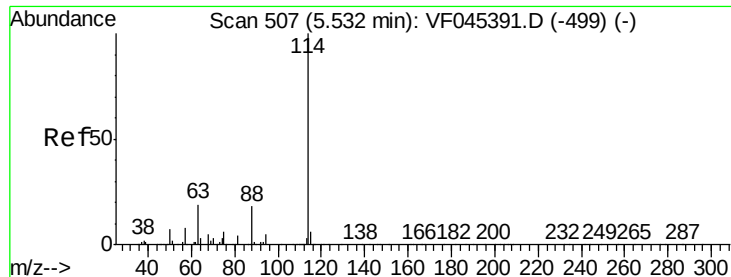
100000

50000

0

Time--> 4.60 4.70 4.80 4.90

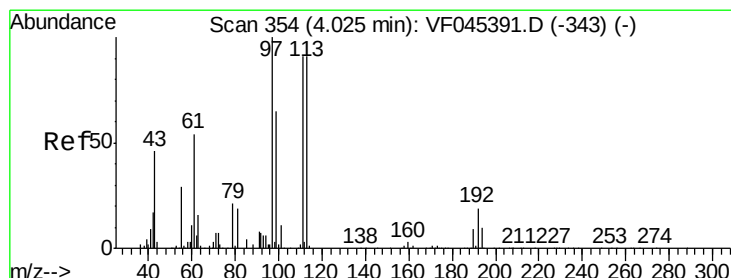
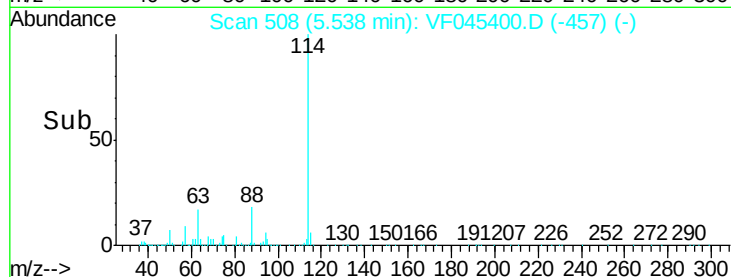
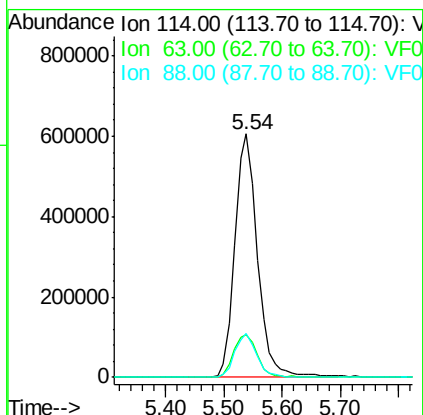
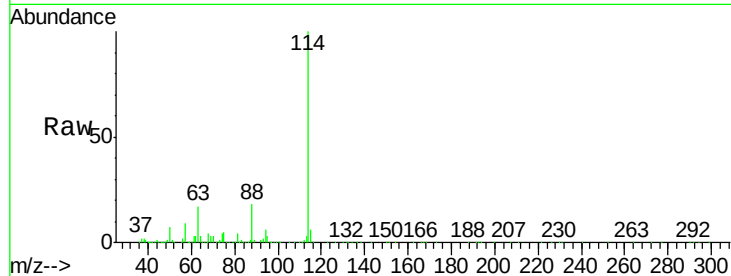




#33
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 508
 Delta R.T. 0.01 min
 Lab File: VF045400.D
 Acq: 16 Sep 2015 20:35

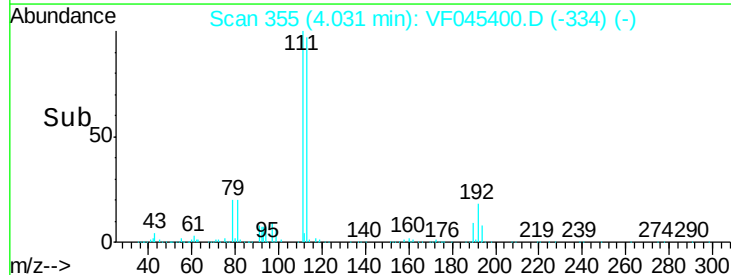
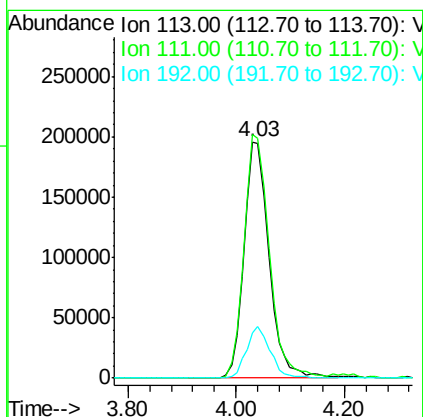
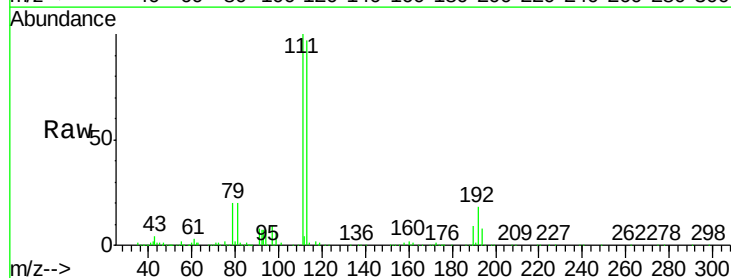
Instrument :
 MSVOA_F
 ClientSampleId :
 LOD-SOIL2015-01

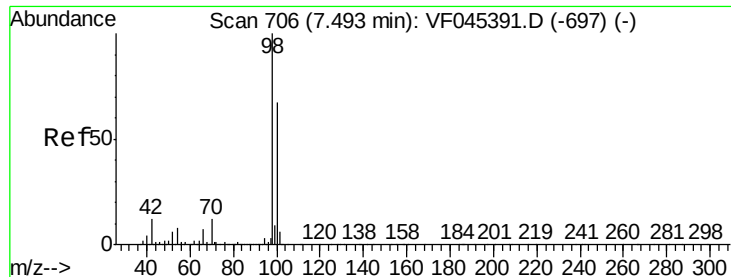
Tot Ion:114 Resp: 1631714
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 39.2
 88 17.9 0.0 37.0



#34
 Dibromofluoromethane
 Concen: 49.80 ug/l
 RT: 4.03 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VF045400.D
 Acq: 16 Sep 2015 20:35

Tgt Ion:113 Resp: 629509
 Ion Ratio Lower Upper
 113 100
 111 103.1 75.5 113.3
 192 19.0 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: VF045400.D

Acq: 16 Sep 2015 20:35

Instrument :

MSVOA_F

ClientSampleId :

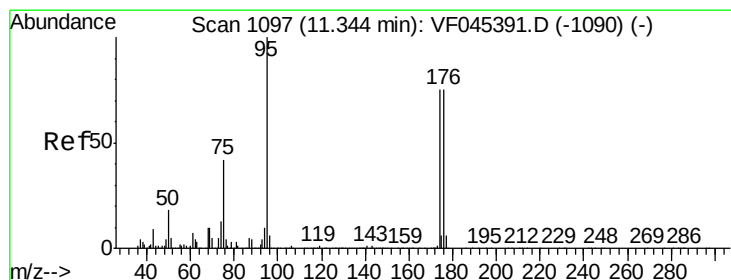
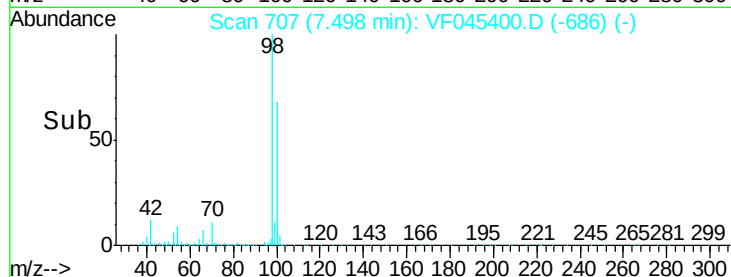
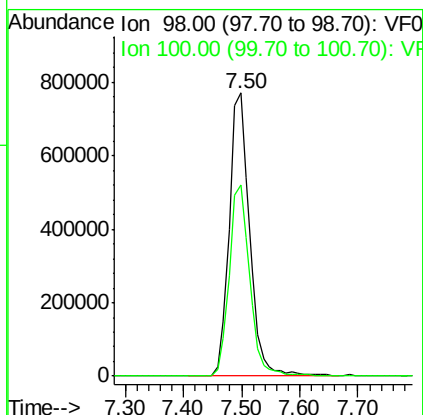
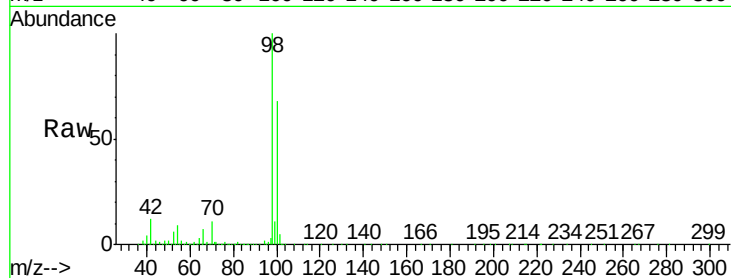
LOD-SOIL2015-01

Tot Ion: 98 Resp: 1879824

Ion Ratio Lower Upper

98 100

100 67.7 54.4 81.6



#61

4-Bromofluorobenzene

Concen: 48.50 ug/l

RT: 11.35 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VF045400.D

Acq: 16 Sep 2015 20:35

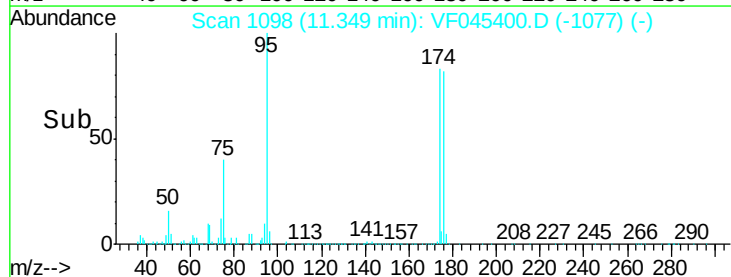
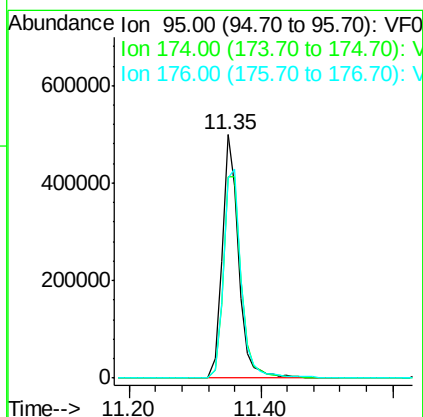
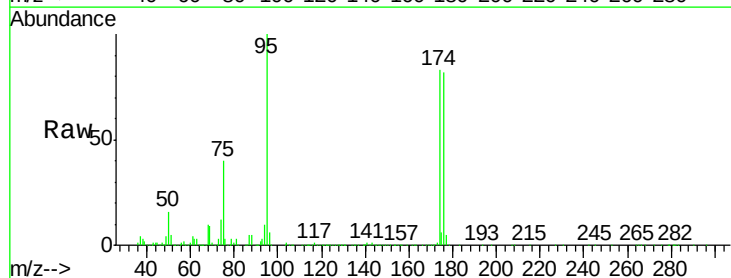
Tgt Ion: 95 Resp: 868127

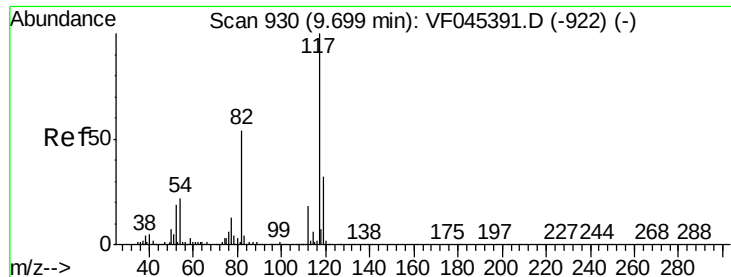
Ion Ratio Lower Upper

95 100

174 82.9 0.0 177.8

176 82.4 0.0 176.2





#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.70 min Scan# 931

Delta R.T. 0.01 min

Lab File: VF045400.D

Acq: 16 Sep 2015 20:35

Instrument :

MSVOA_F

ClientSampleId :

LOD-SOIL2015-01

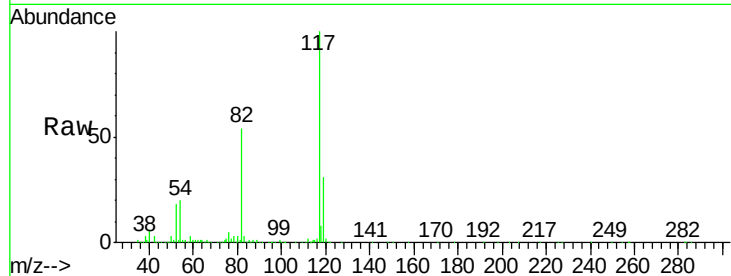
Tot Ion:117 Resp: 1579460

Ion Ratio Lower Upper

117 100

82 54.3 45.0 67.6

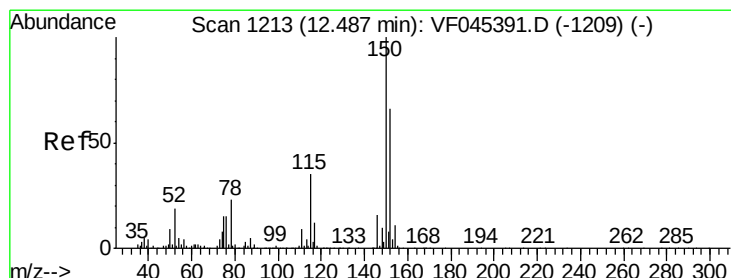
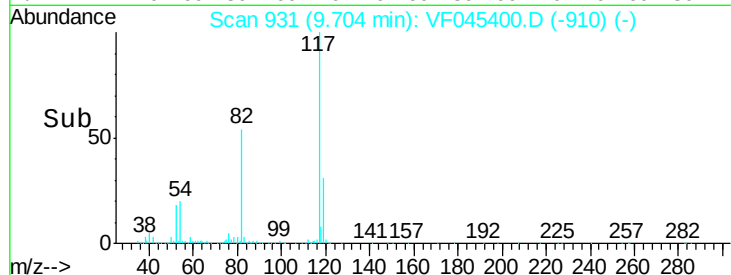
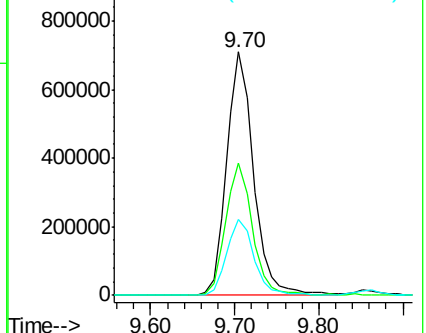
119 31.4 26.2 39.4



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: 12.49 min Scan# 1214

Delta R.T. 0.01 min

Lab File: VF045400.D

Acq: 16 Sep 2015 20:35

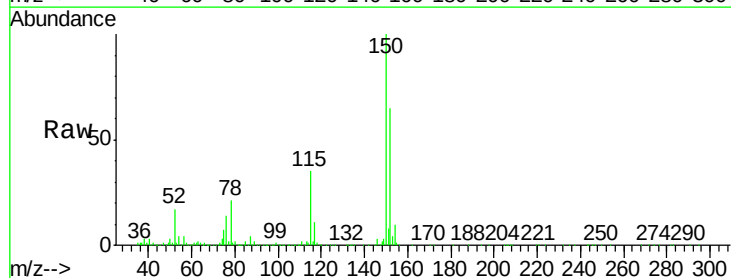
Tgt Ion:152 Resp: 839888

Ion Ratio Lower Upper

152 100

115 53.8 28.3 85.0

150 152.8 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

