

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091615\
 Data File : VF045399.D
 Acq On : 16 Sep 2015 20:06
 Operator : FY/SY
 Sample : G3707-03LOD 2ppb
 Misc : 5.00µg/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Sep 17 17:21:22 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

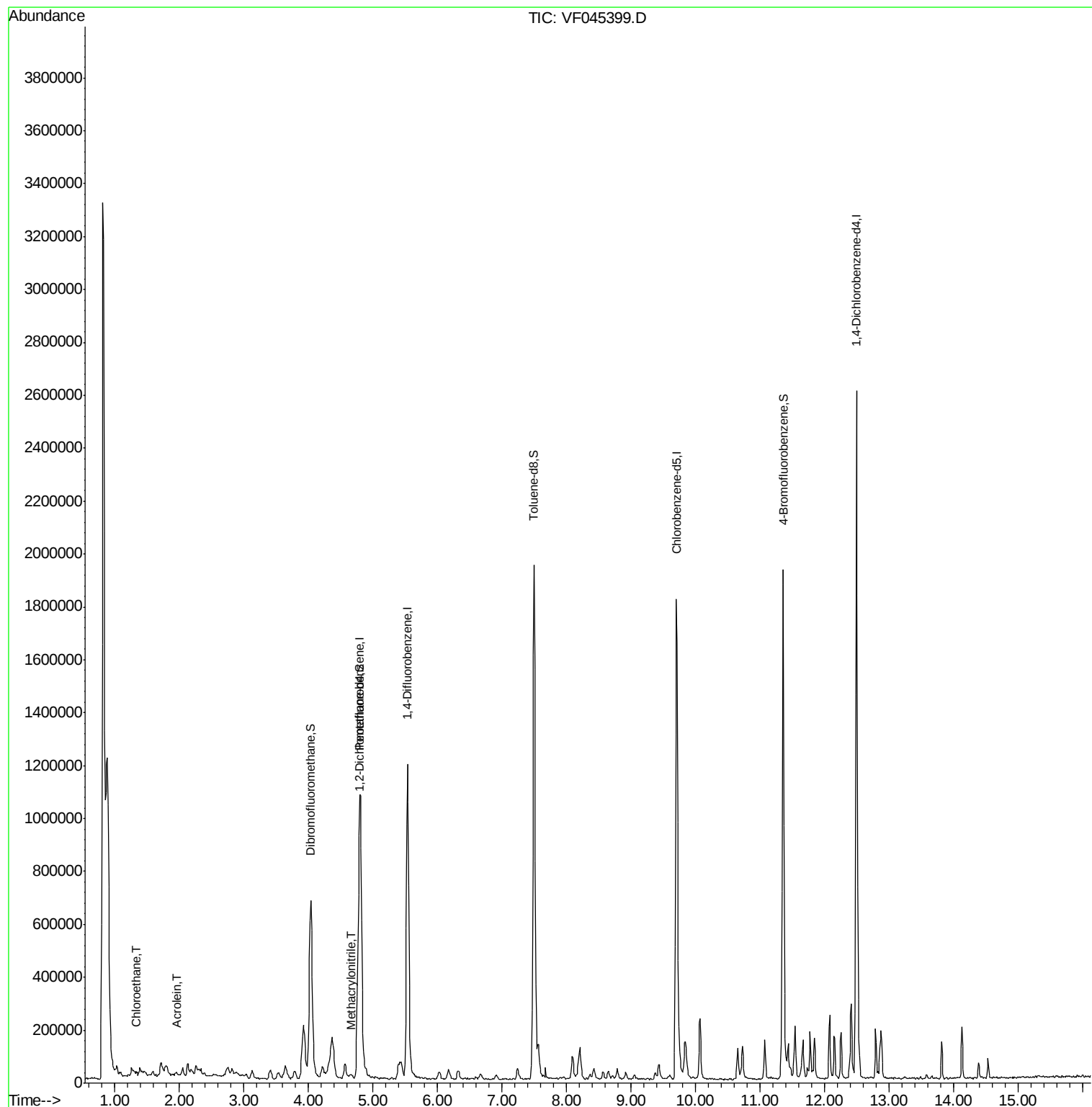
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.81	168	1028805	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	5.54	114	1447043	50.00	ug/l	0.00
62) Chlorobenzene-d5	9.70	117	1423695	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	12.49	152	756840	50.00	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	4.78	65	530665	48.03	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.06%	
34) Dibromofluoromethane	4.04	113	585803	52.26	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.52%	
49) Toluene-d8	7.50	98	1740509	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
61) 4-Bromofluorobenzene	11.35	95	806506	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
Target Compounds						
6) Chloroethane	1.33	64	7215	2.82	ug/l #	59
13) Acrolein	1.96	56	6698	13.02	ug/l #	81
40) Methacrylonitrile	4.68	41	8801	2.68	ug/l #	75

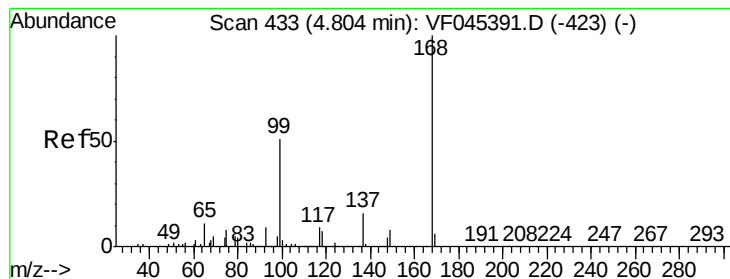
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091615\
Data File : VF045399.D
Acq On : 16 Sep 2015 20:06
Operator : FY/SY
Sample : G3707-03LOD 2ppb
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
LOD-SOIL2015-01

Quant Time: Sep 17 17:21:22 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. 0.00 min

Lab File: VF045399.D

Acq: 16 Sep 2015 20:06

Instrument :

MSVOA_F

ClientSampleId :

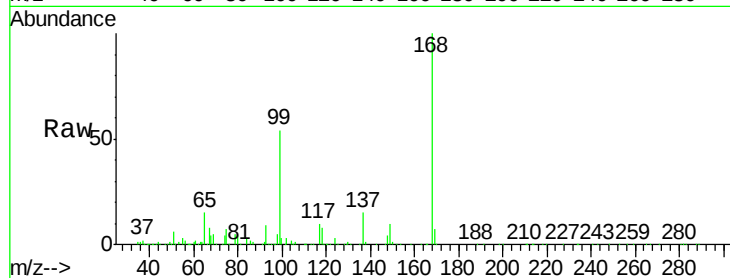
LOD-SOIL2015-01

Tot Ion:168 Resp: 1028805

Ion Ratio Lower Upper

168 100

99 54.2 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

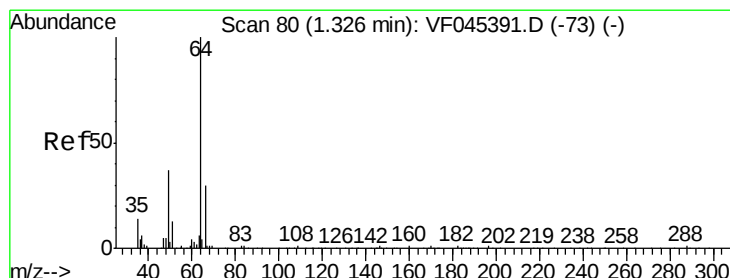
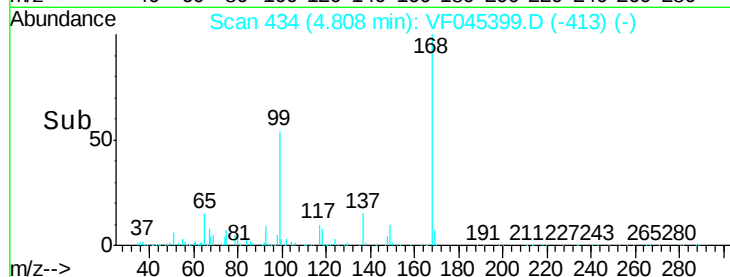
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 2.82 ug/l

RT: 1.33 min Scan# 81

Delta R.T. 0.00 min

Lab File: VF045399.D

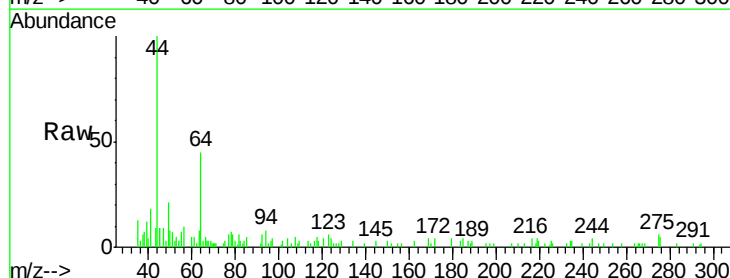
Acq: 16 Sep 2015 20:06

Tgt Ion: 64 Resp: 7215

Ion Ratio Lower Upper

64 100

66 10.4 27.3 40.9#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

1.33

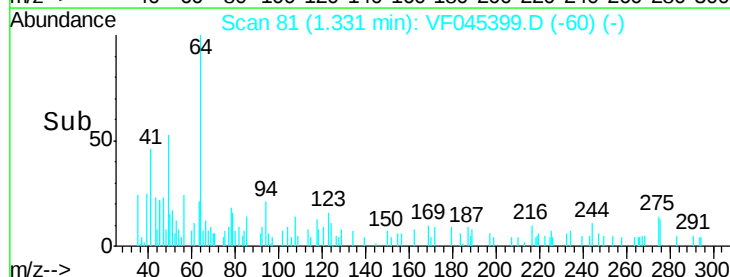
3000

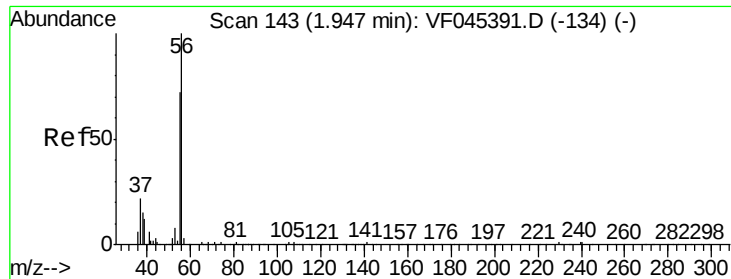
2000

1000

0

Time-->

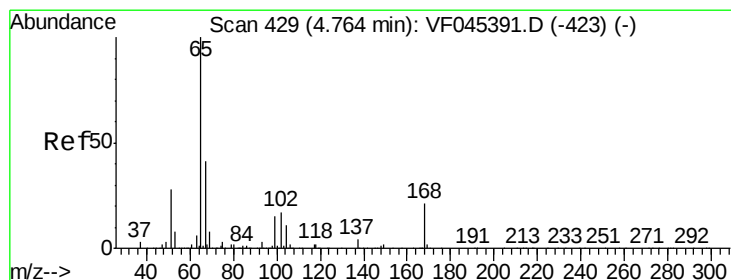
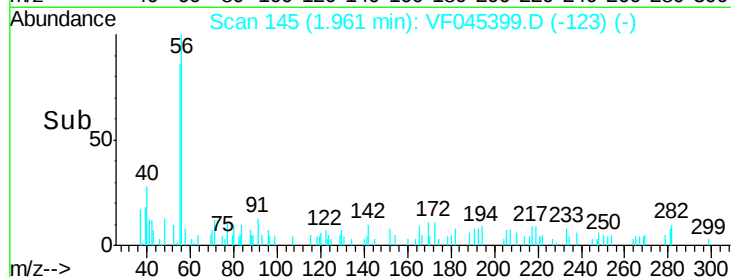
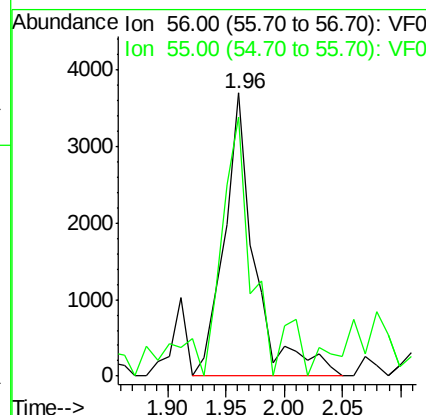
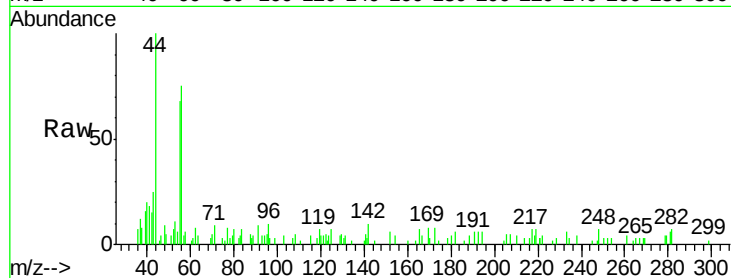




#13
Acrolein
Concen: 13.02 ug/l
RT: 1.96 min Scan# 145
Delta R.T. 0.01 min
Lab File: VF045399.D
Acq: 16 Sep 2015 20:06

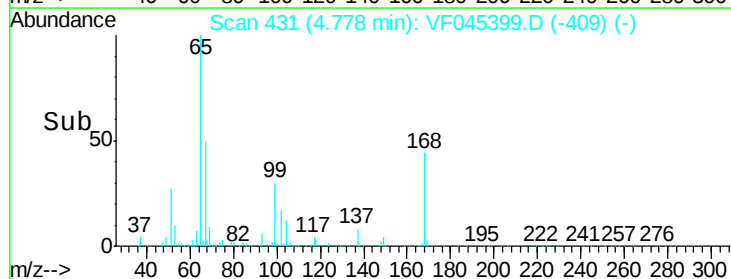
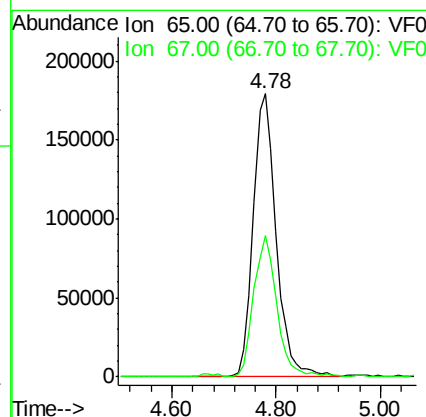
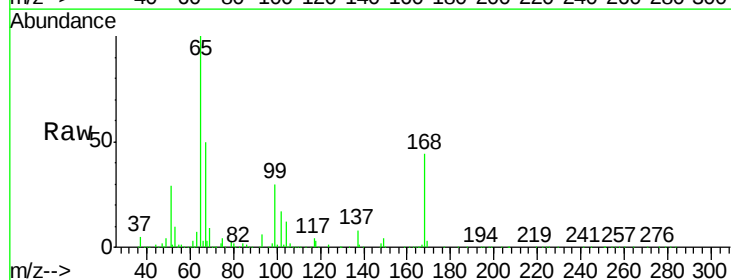
Instrument :
MSVOA_F
ClientSampleId :
LOD-SOIL2015-01

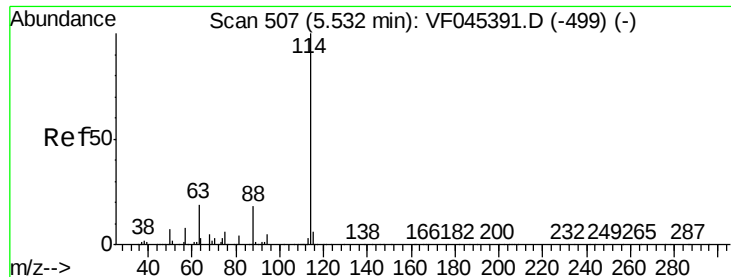
Tot Ion: 56 Resp: 6698
Ion Ratio Lower Upper
56 100
55 91.6 60.5 90.7#



#32
1,2-Dichloroethane-d4
Concen: 48.03 ug/l
RT: 4.78 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF045399.D
Acq: 16 Sep 2015 20:06

Tgt Ion: 65 Resp: 530665
Ion Ratio Lower Upper
65 100
67 49.7 0.0 102.2

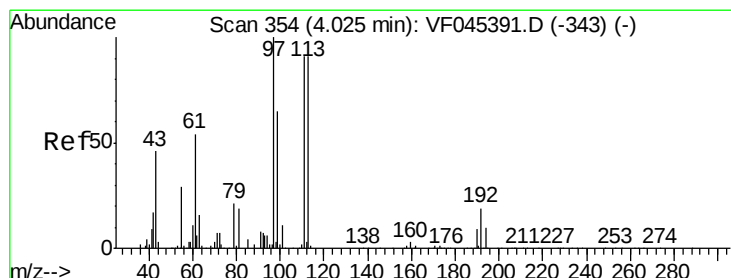
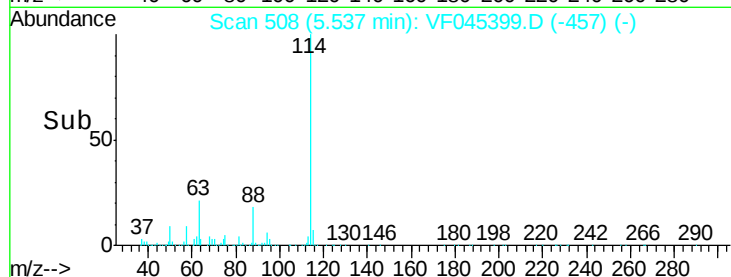
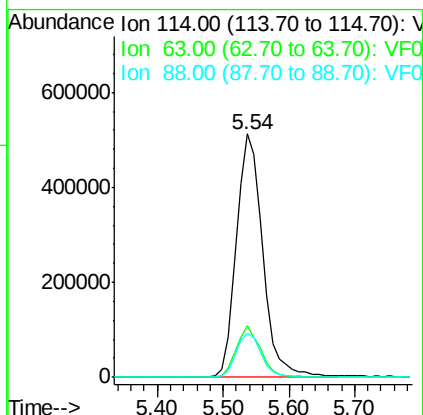
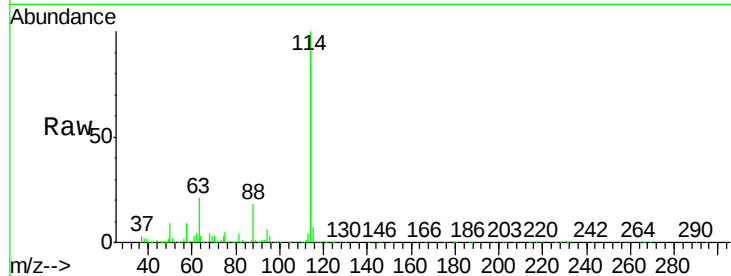




#33
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VF045399.D
 Acq: 16 Sep 2015 20:06

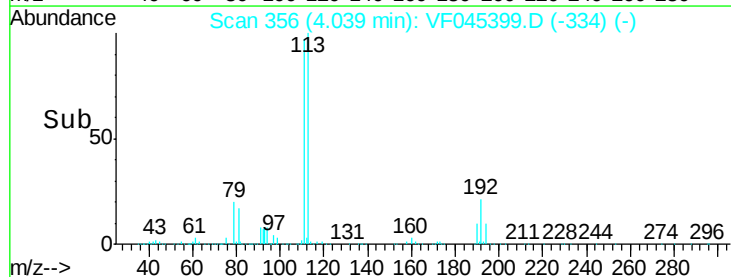
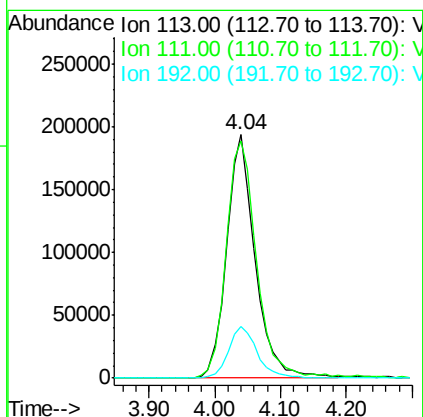
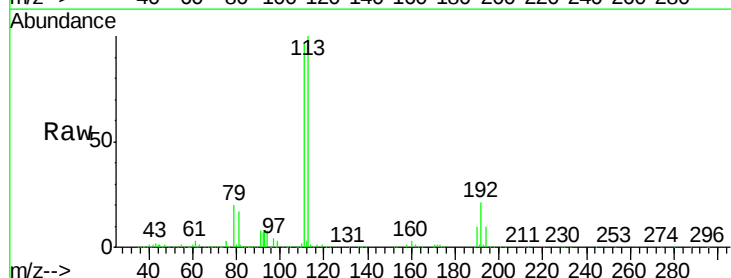
Instrument :
 MSVOA_F
 ClientSampleId :
 LOD-SOIL2015-01

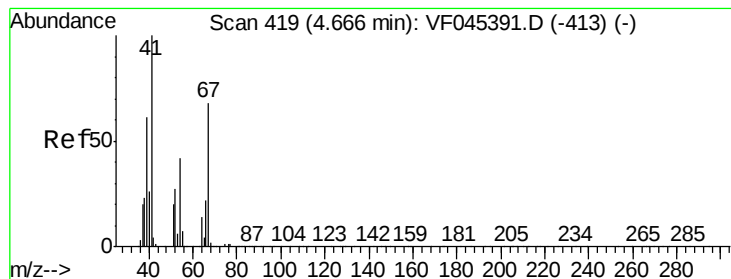
Tot Ion:114 Resp: 1447043
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.2
 88 18.2 0.0 37.0



#34
 Dibromofluoromethane
 Concen: 52.26 ug/l
 RT: 4.04 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VF045399.D
 Acq: 16 Sep 2015 20:06

Tgt Ion:113 Resp: 585803
 Ion Ratio Lower Upper
 113 100
 111 97.5 75.5 113.3
 192 21.2 15.6 23.4





#40

Methacrylonitrile

Concen: 2.68 ug/l

RT: 4.68 min Scan# 421

Delta R.T. 0.01 min

Lab File: VF045399.D

Acq: 16 Sep 2015 20:06

Instrument :

MSVOA_F

ClientSampleId :

LOD-SOIL2015-01

Tot Ion: 41 Resp: 8801

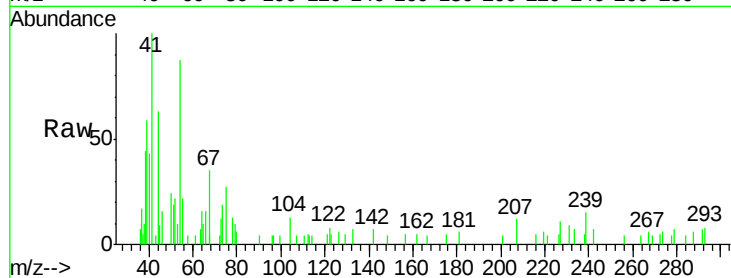
Ion Ratio Lower Upper

41 100

39 58.9 44.9 67.3

67 35.4 49.0 73.4#

52 22.4 38.2 57.2#

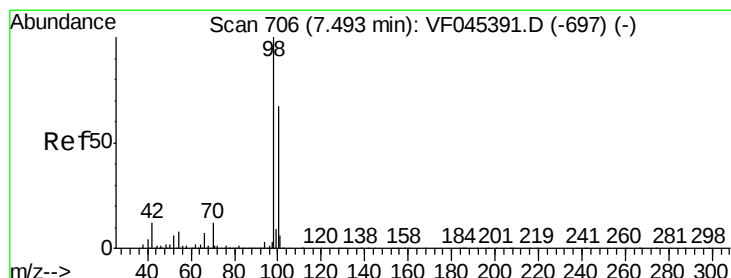
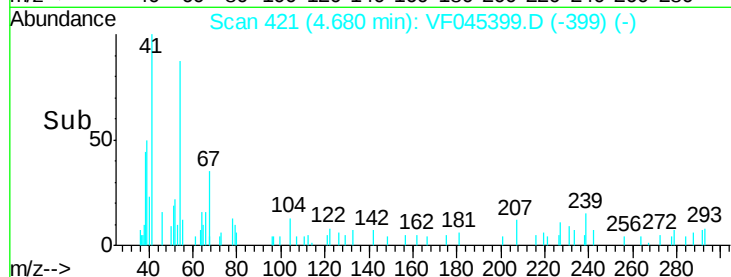
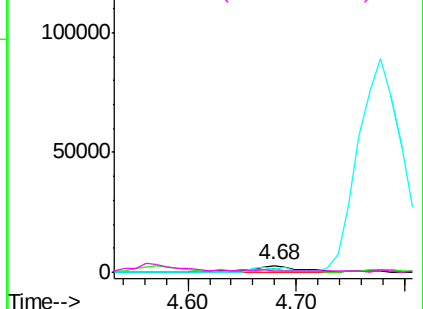


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#49

Toluene-d8

Concen: 52.71 ug/l

RT: 7.50 min Scan# 707

Delta R.T. 0.00 min

Lab File: VF045399.D

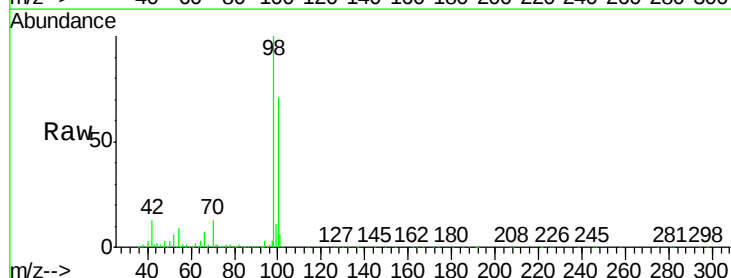
Acq: 16 Sep 2015 20:06

Tgt Ion: 98 Resp: 1740509

Ion Ratio Lower Upper

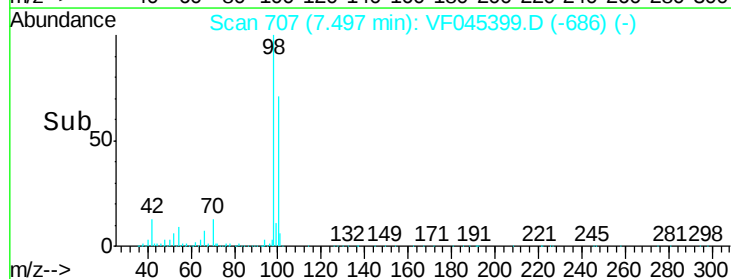
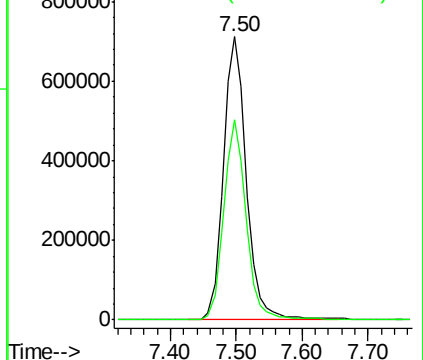
98 100

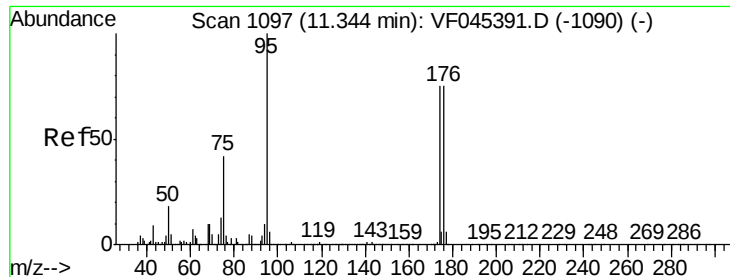
100 70.8 54.4 81.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

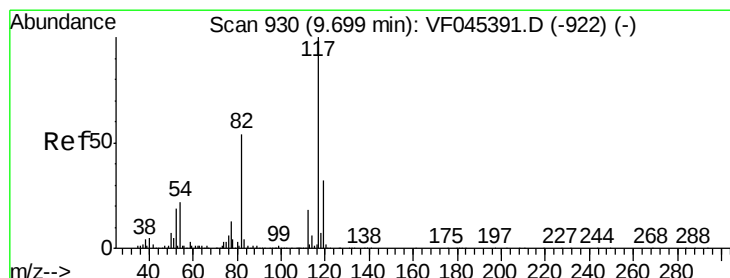
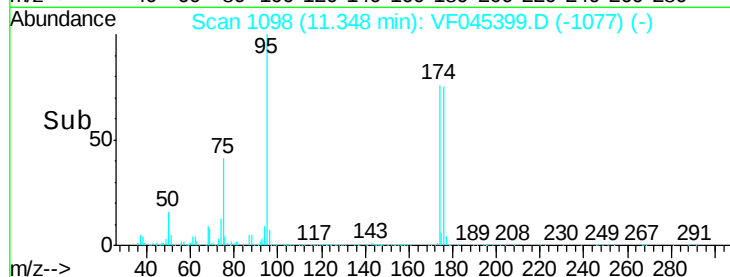
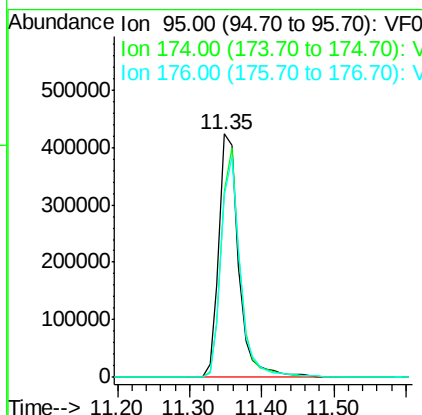
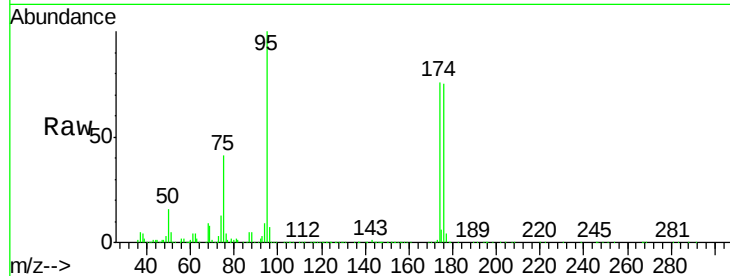




#61
4-Bromofluorobenzene
Concen: 50.81 ug/l
RT: 11.35 min Scan# 1098
Delta R.T. 0.00 min
Lab File: VF045399.D
Acq: 16 Sep 2015 20:06

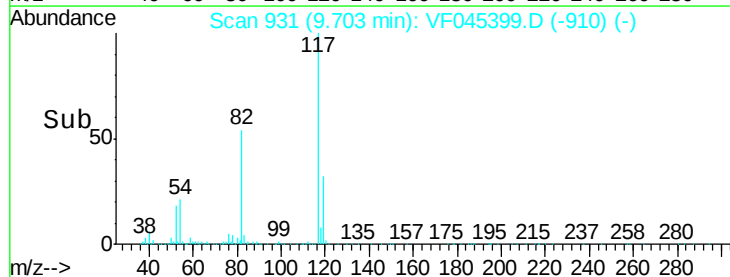
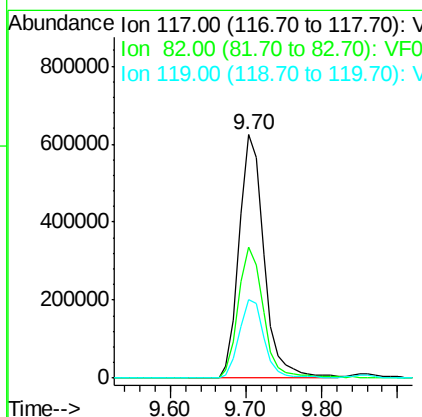
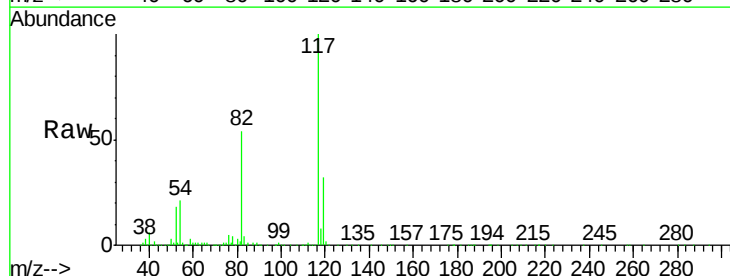
Instrument :
MSVOA_F
ClientSampleId :
LOD-SOIL2015-01

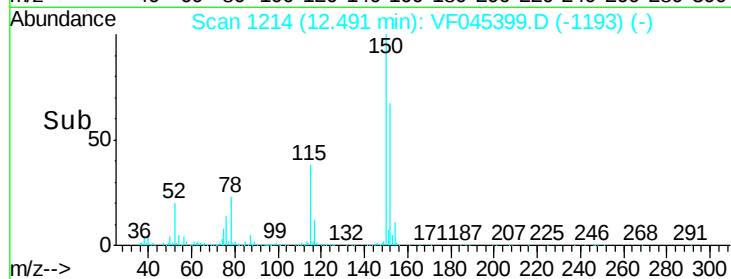
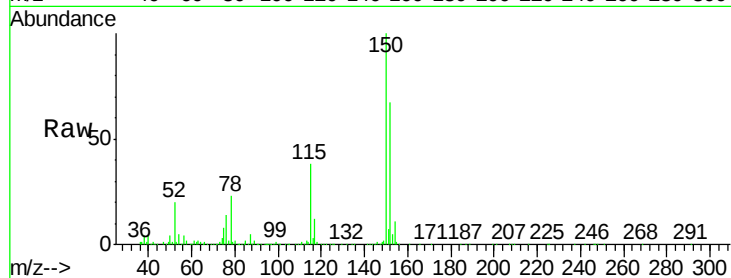
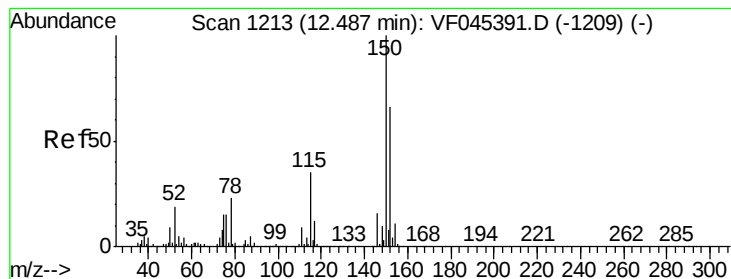
Tot Ion: 95 Resp: 806506
Ion Ratio Lower Upper
95 100
174 76.5 0.0 177.8
176 74.9 0.0 176.2



#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.70 min Scan# 931
Delta R.T. 0.00 min
Lab File: VF045399.D
Acq: 16 Sep 2015 20:06

Tgt Ion: 117 Resp: 1423695
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.6
119 32.3 26.2 39.4





#71

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.49 min Scan# 1214

Delta R.T. 0.00 min

Lab File: VF045399.D

Acq: 16 Sep 2015 20:06

Instrument :

MSVOA_F

ClientSampleId :

LOD-SOIL2015-01

Tot Ion:152 Resp: 756840

Ion Ratio Lower Upper

152 100

115 57.2 28.3 85.0

150 148.7 0.0 324.2

