

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091615\
 Data File : VF045401.D
 Acq On : 16 Sep 2015 21:04
 Operator : FY/SY
 Sample : G3707-03LOD 4ppb
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 LOD-SOIL2015-01

Manual Integrations
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 9/17/2015 12:51:32 PM

Quant Time: Sep 17 12:23:47 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	1114277	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	5.54	114	1588484	50.00	ug/l	0.00
62) Chlorobenzene-d5	9.71	117	1525949	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	12.50	152	840836	50.00	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	4.77	65	573370	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
34) Dibromofluoromethane	4.04	113	610692	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
49) Toluene-d8	7.49	98	1744591	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
61) 4-Bromofluorobenzene	11.35	95	825452	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
Target Compounds						
11) Tert butyl alcohol	2.53	59	1999m	14.87	ug/l	Qvalue

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

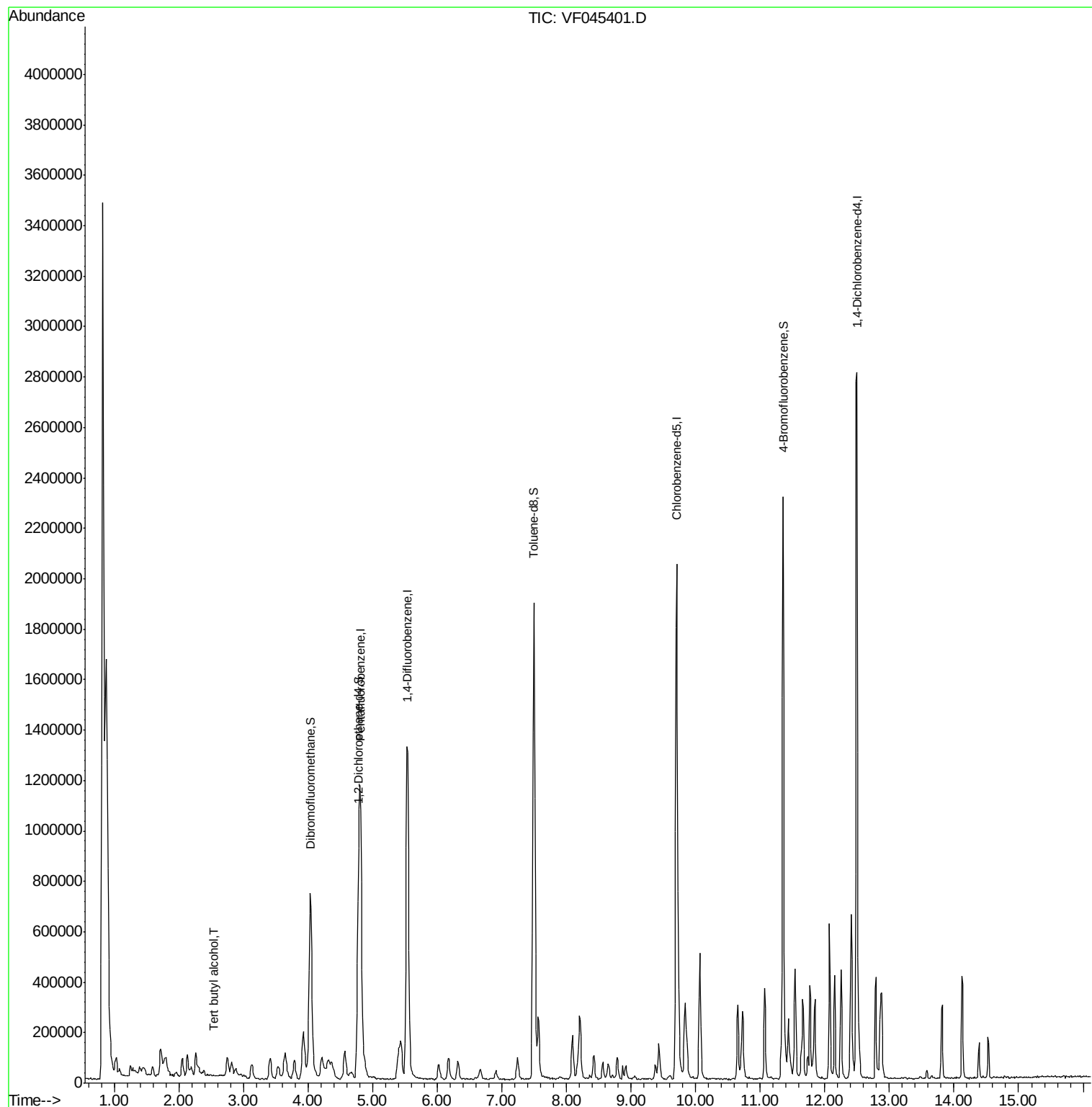
Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091615\
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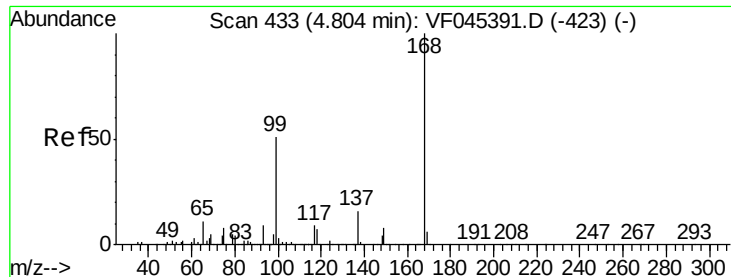
Instrument :
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Quant Time: Sep 17 12:23:47 2015
Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F091615S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 16:04:03 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.81 min Scan# 434

Delta R.T. 0.01 min

Lab File: VF045401.D

Acq: 16 Sep 2015 21:04

Instrument :

MSVOA_F

ClientSampleId :

LOD-SOIL2015-01

Tot Ion:168 Resp: 1114277

Ion Ratio Lower Upper

168 100

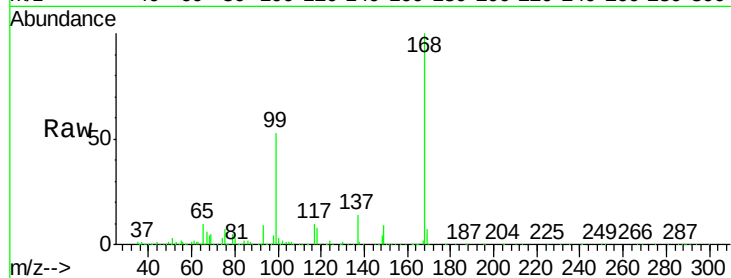
99 52.7 39.0 58.4

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.81

400000

300000

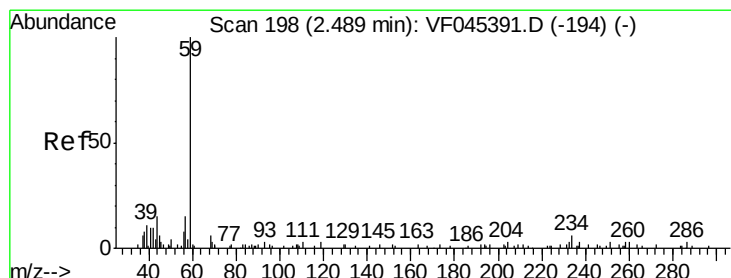
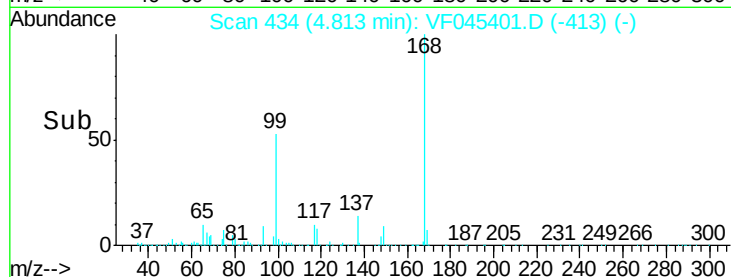
200000

100000

0

4.70 4.80 4.90 5.00

Time-->



#11

Tert butyl alcohol

Concen: 14.87 ug/l m

RT: 2.53 min Scan# 202

Delta R.T. 0.04 min

Lab File: VF045401.D

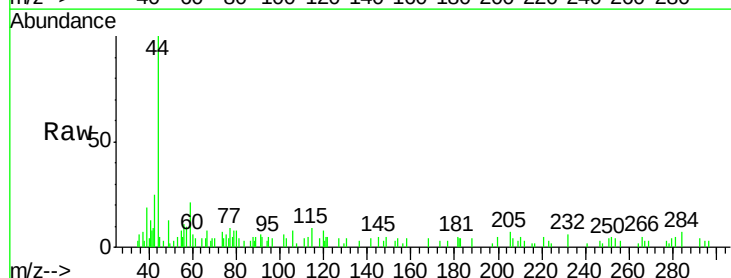
Acq: 16 Sep 2015 21:04

Tgt Ion: 59 Resp: 1999

Ion Ratio Lower Upper

59 100

57 46.5 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.53

1000

800

600

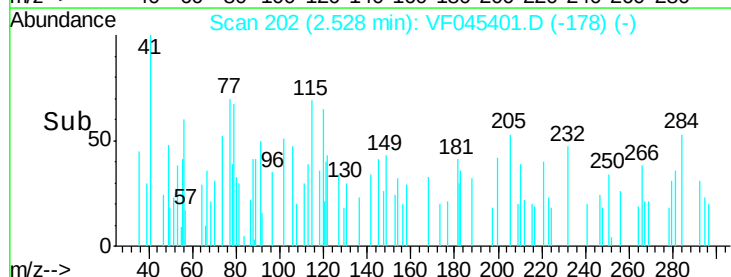
400

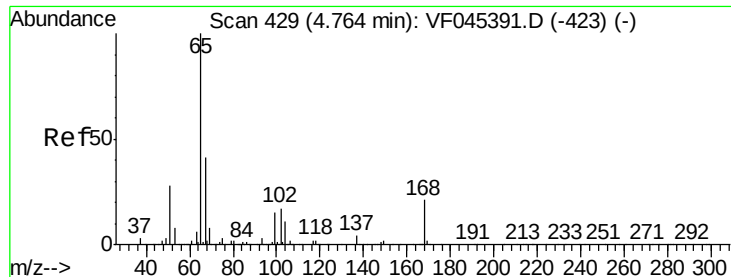
200

0

2.50 2.55

Time-->





#32

1,2-Dichloroethane-d4

Concen: 47.92 ug/l

RT: 4.77 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF045401.D

Acq: 16 Sep 2015 21:04

Instrument :

MSVOA_F

ClientSampleId :

LOD-SOIL2015-01

Tot Ion: 65 Resp: 573370

Ion Ratio Lower Upper

65 100

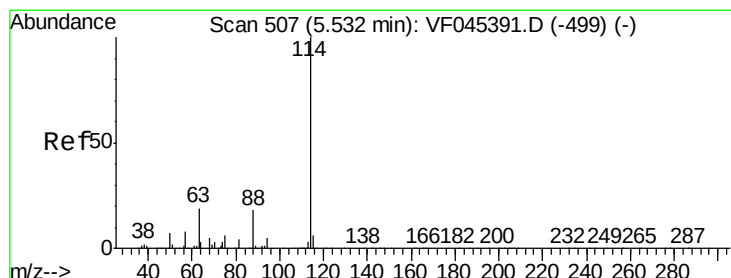
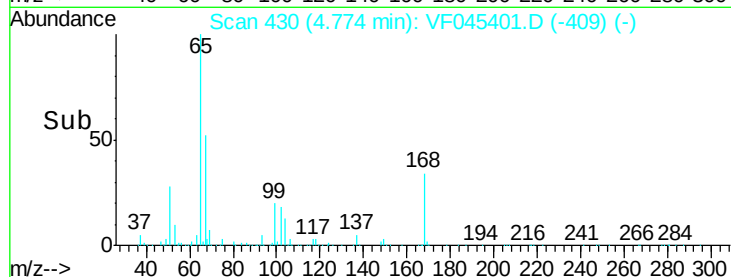
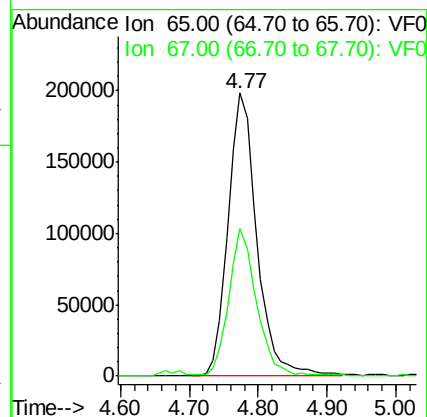
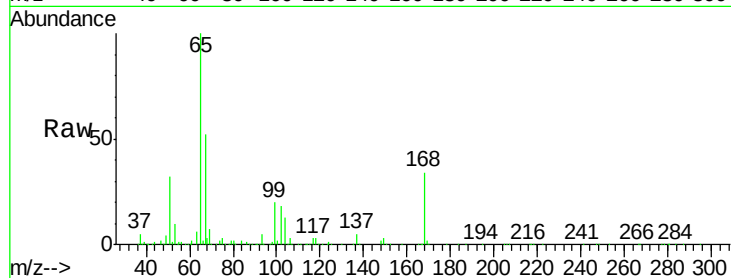
67 52.1 0.0 102.2

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#33

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.54 min Scan# 508

Delta R.T. 0.01 min

Lab File: VF045401.D

Acq: 16 Sep 2015 21:04

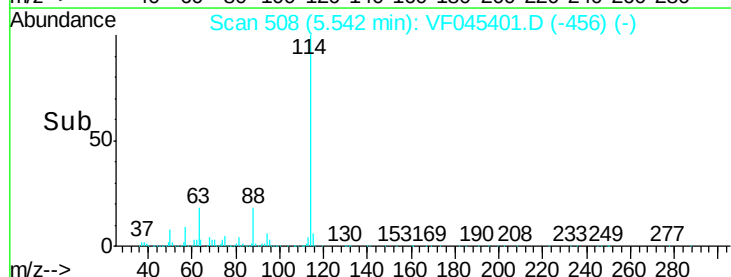
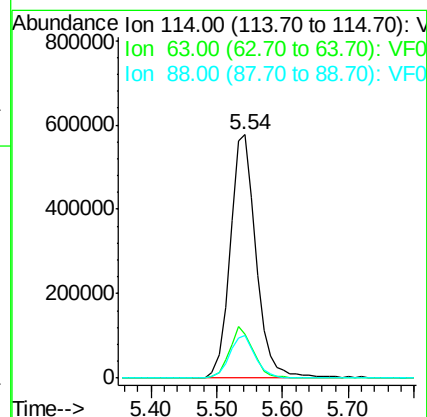
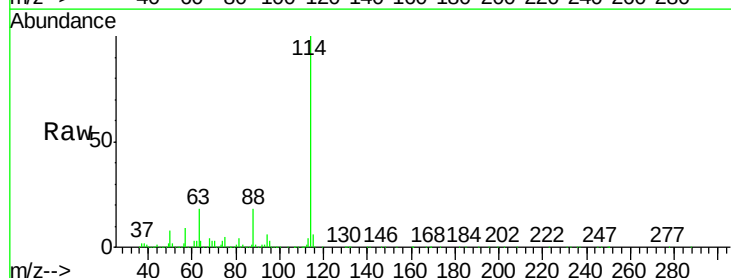
Tgt Ion: 114 Resp: 1588484

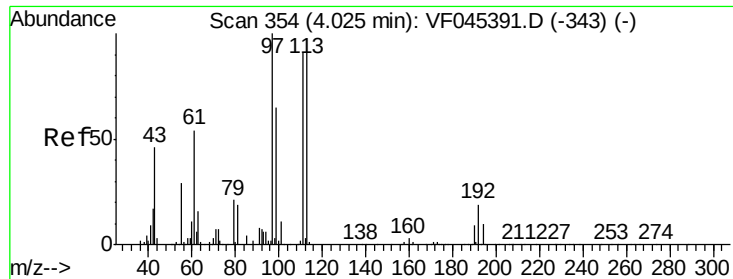
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.2

88 17.7 0.0 37.0





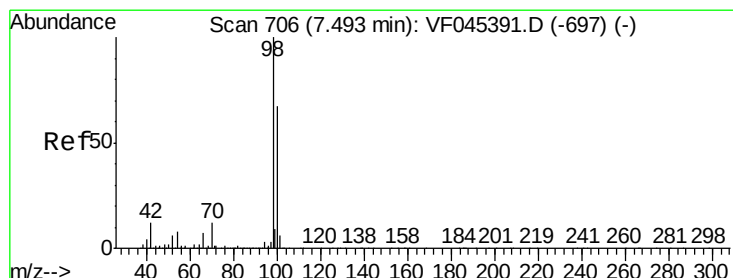
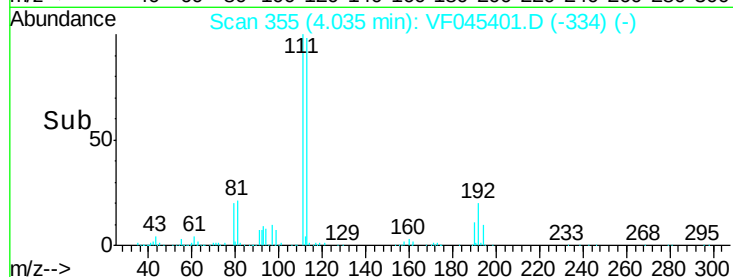
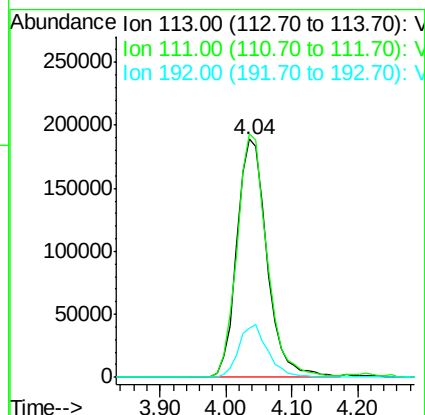
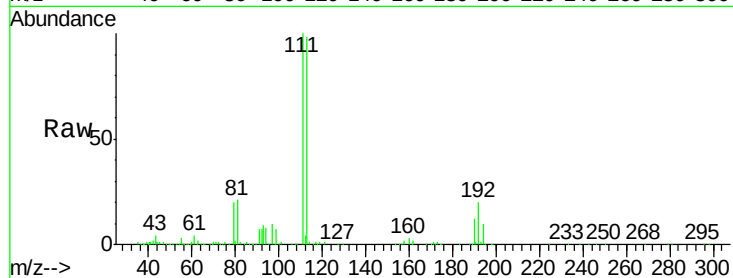
#34
 Dibromofluoromethane
 Concen: 49.63 ug/l
 RT: 4.04 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VF045401.D
 Acq: 16 Sep 2015 21:04

Instrument :
 MSVOA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	75.5	113.3
192	20.6	15.6	23.4

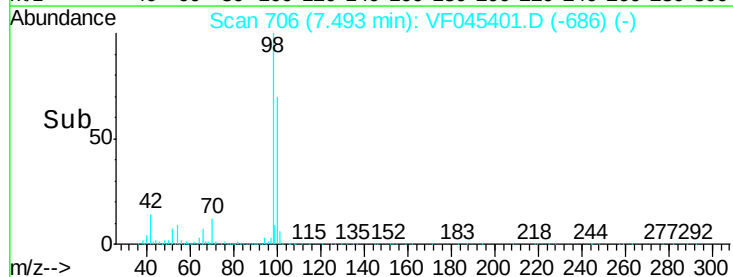
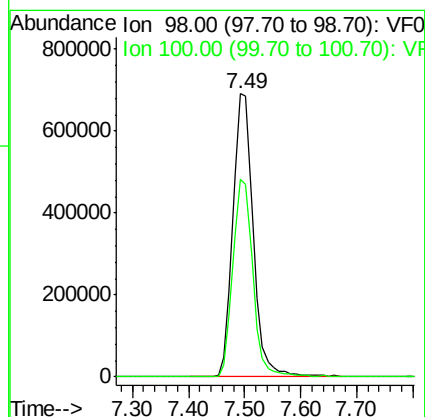
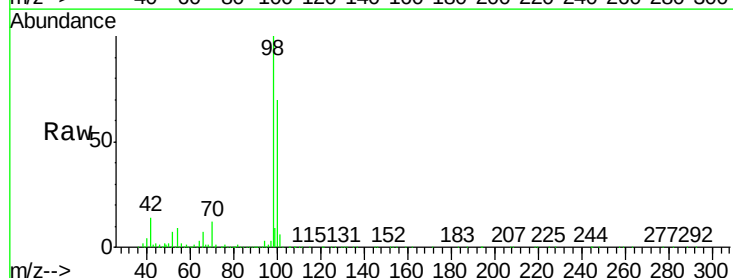
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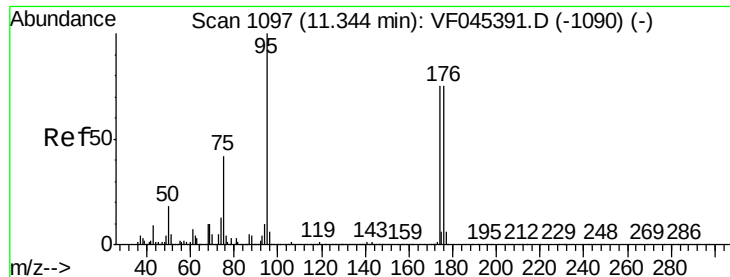
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#49
 Toluene-d8
 Concen: 48.12 ug/l
 RT: 7.49 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VF045401.D
 Acq: 16 Sep 2015 21:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.9	54.4	81.6





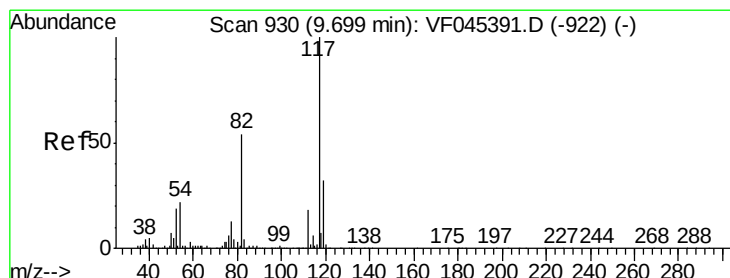
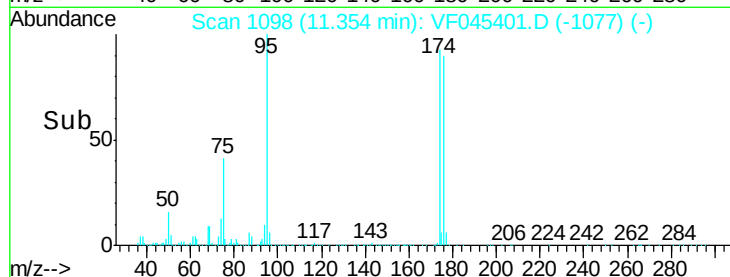
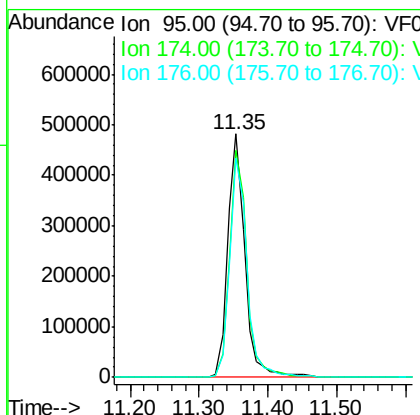
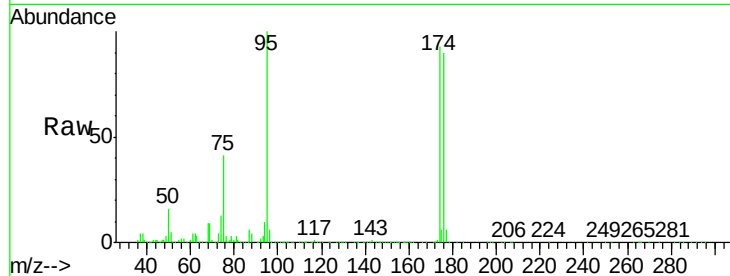
#61
4-Bromofluorobenzene
Concen: 47.37 ug/l
RT: 11.35 min Scan# 1098
Delta R.T. 0.01 min
Lab File: VF045401.D
Acq: 16 Sep 2015 21:04

Instrument :
MSVOA_F
ClientSampleId :
LOD-SOIL2015-01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	825452		
174	93.4	0.0	177.8	
176	90.3	0.0	176.2	

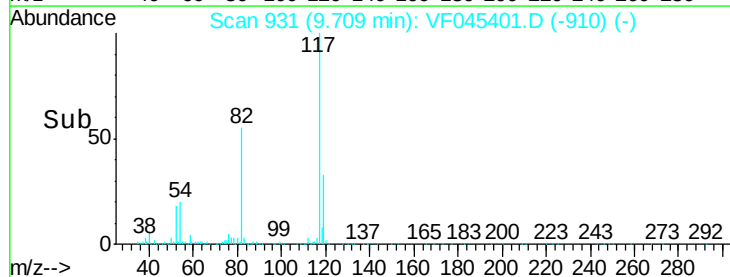
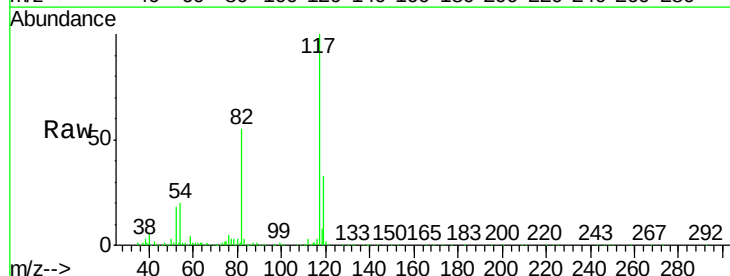
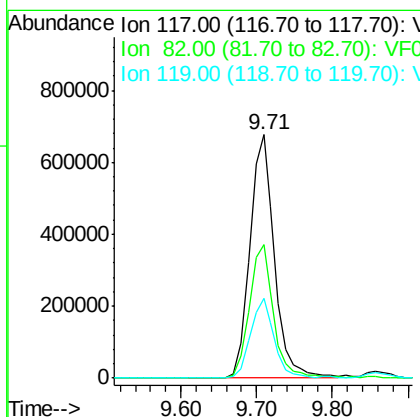
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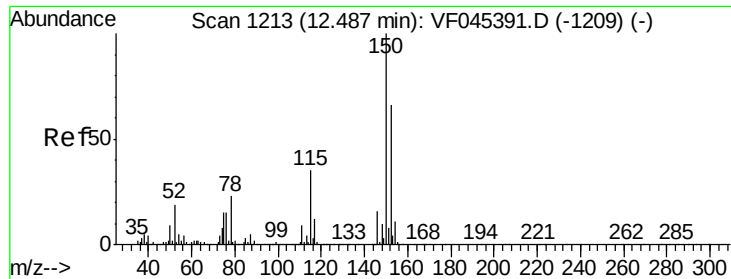
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#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.71 min Scan# 931
Delta R.T. 0.01 min
Lab File: VF045401.D
Acq: 16 Sep 2015 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1525949		
82	54.9	45.0	67.6	
119	32.9	26.2	39.4	





#71
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.50 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: VF045401.D
 Acq: 16 Sep 2015 21:04

Instrument :
 MSVOA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion	Ratio	Resp	Lower	Upper
152	100	840836		
115	49.7	28.3	85.0	
150	150.6	0.0	324.2	

Manual Integrations
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