

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD091815\
 Data File : VD046792.D
 Acq On : 18 Sep 2015 20:12
 Operator : FY/SY
 Sample : G3707-03LOD 2ppb
 Misc : 5.00gm/5mL/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Sep 19 01:03:54 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 Response via : Initial Calibration

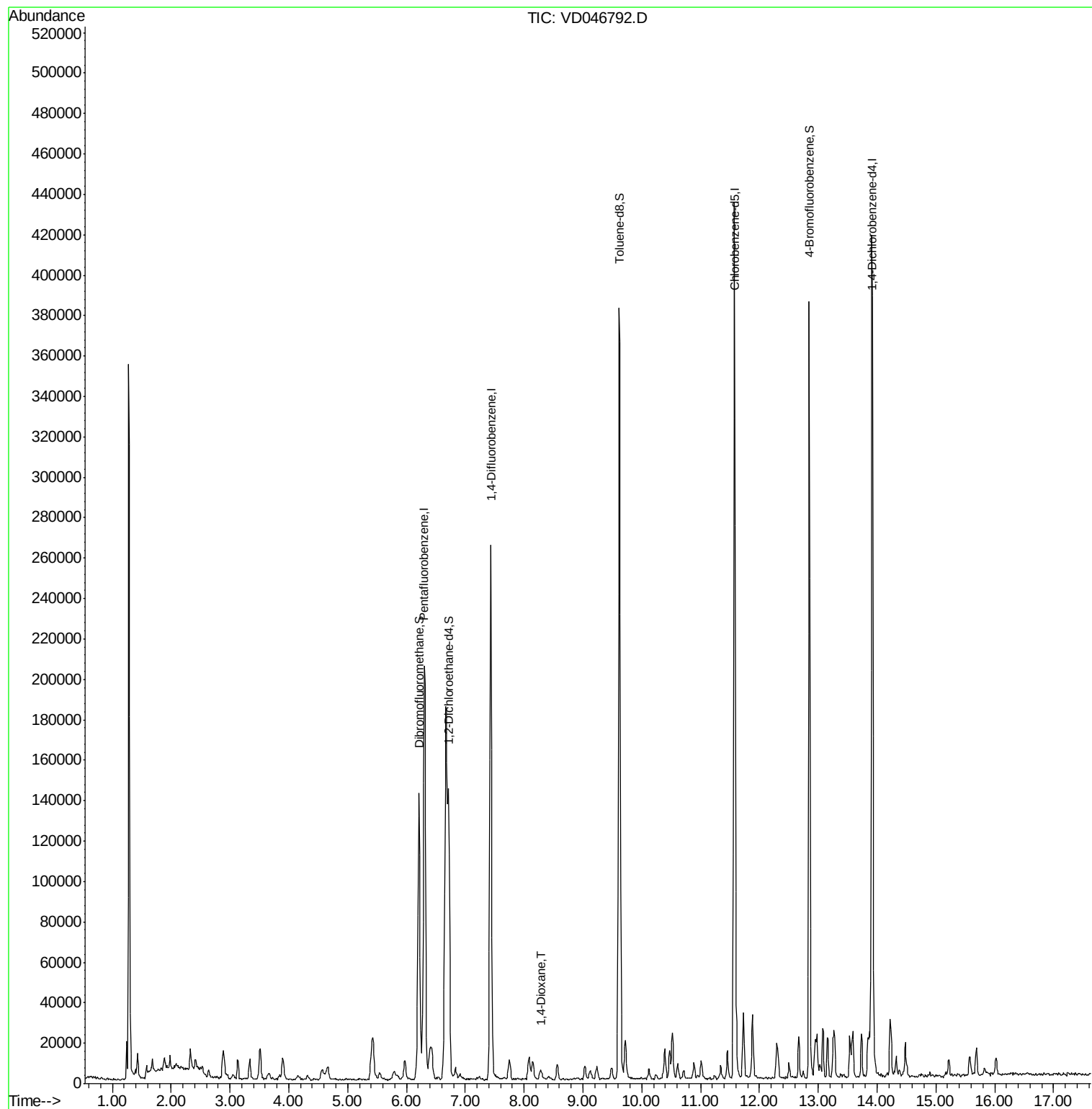
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.31	168	158335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	223082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.58	117	209747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.92	152	108506	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.72	65	99620	60.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.02%	
35) Dibromofluoromethane	6.21	113	99301	56.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.78%	
50) Toluene-d8	9.62	98	302502	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
62) 4-Bromofluorobenzene	12.85	95	117270	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
Target Compounds						
49) 1,4-Dioxane	8.29	88	119	19.06	ug/l	Qvalue # 73

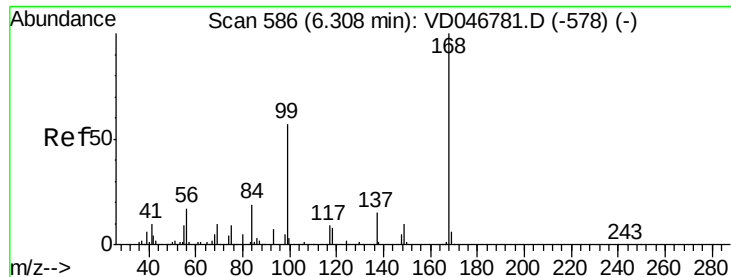
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.31 min Scan# 587

Delta R.T. 0.00 min

Lab File: VD046792.D

Acq: 18 Sep 2015 20:12

Instrument :

MSVOA_D

ClientSampleId :

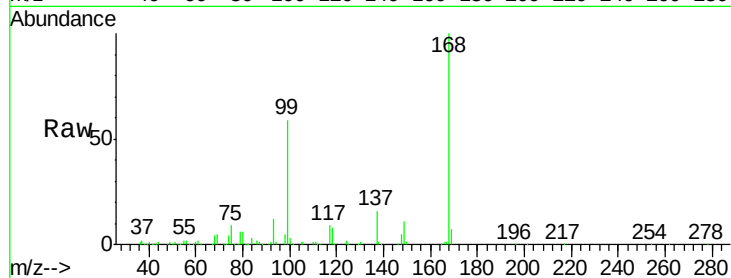
LOD-SOIL2015-01

Tgt Ion:168 Resp: 158335

Ion Ratio Lower Upper

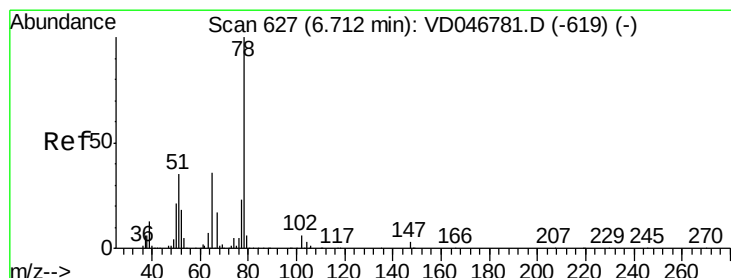
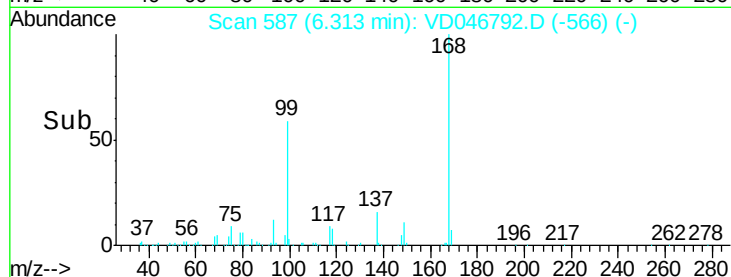
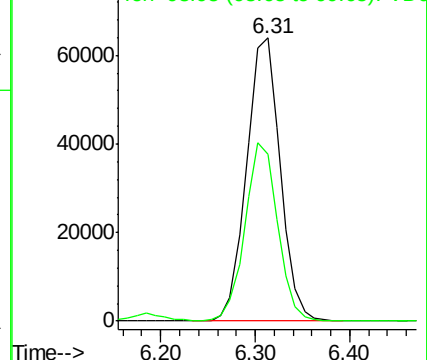
168 100

99 59.1 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.72 min Scan# 628

Delta R.T. 0.00 min

Lab File: VD046792.D

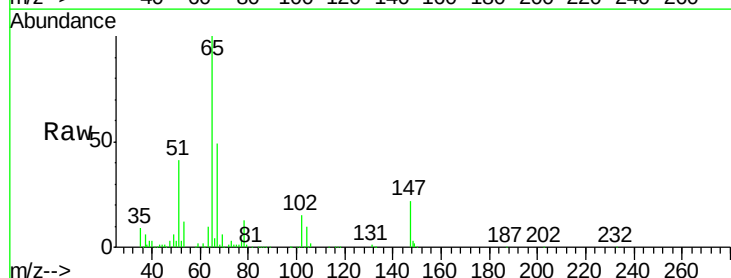
Acq: 18 Sep 2015 20:12

Tgt Ion: 65 Resp: 99620

Ion Ratio Lower Upper

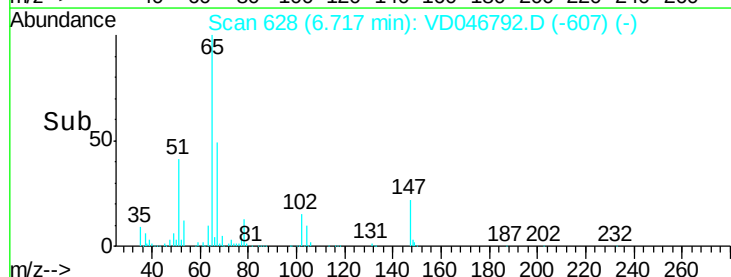
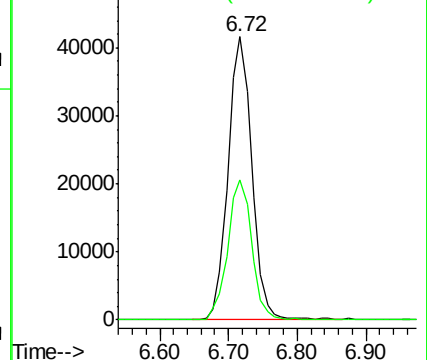
65 100

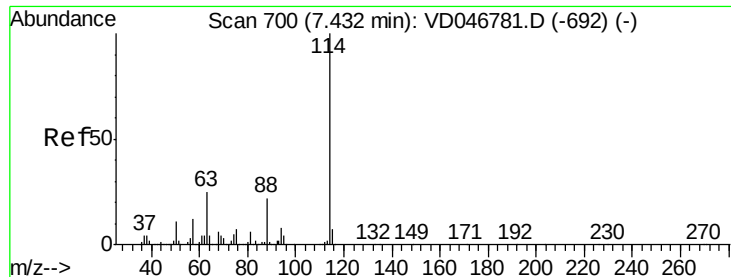
67 49.3 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 701

Delta R.T. 0.00 min

Lab File: VD046792.D

Acq: 18 Sep 2015 20:12

Instrument :

MSVOA_D

ClientSampleId :

LOD-SOIL2015-01

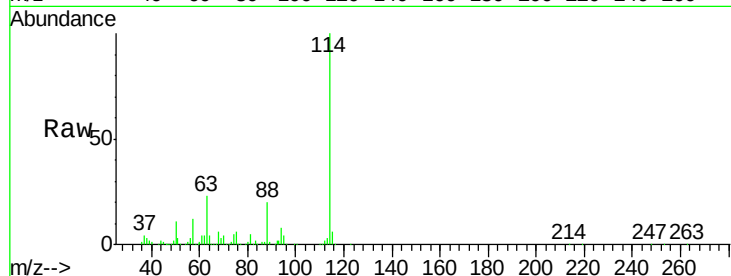
Tgt Ion:114 Resp: 223082

Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.8

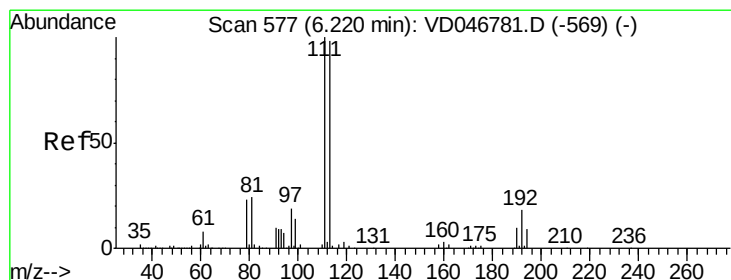
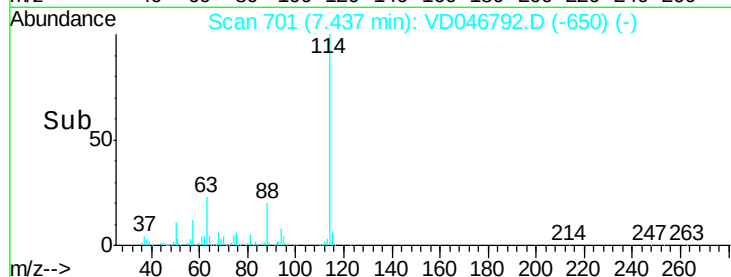
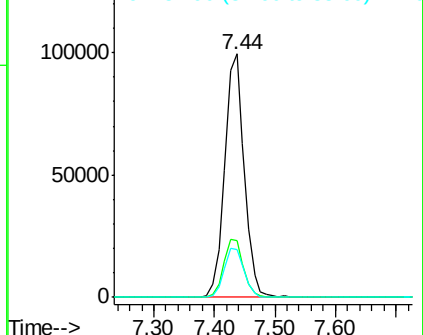
88 19.5 0.0 43.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.21 min Scan# 577

Delta R.T. -0.01 min

Lab File: VD046792.D

Acq: 18 Sep 2015 20:12

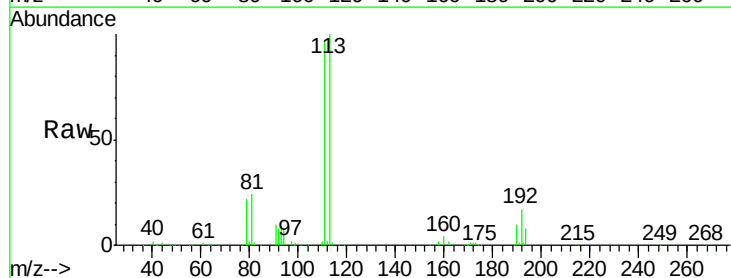
Tgt Ion:113 Resp: 99301

Ion Ratio Lower Upper

113 100

111 97.0 79.4 119.0

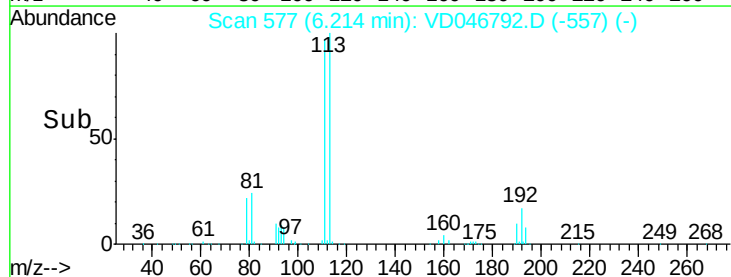
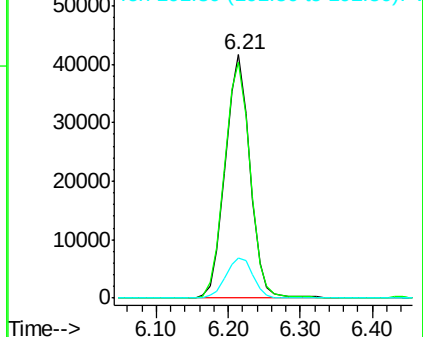
192 16.6 14.6 22.0

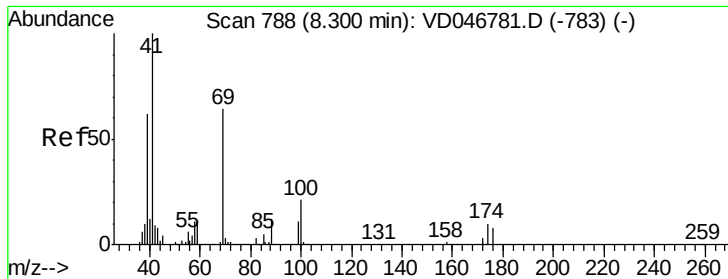


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#49

1,4-Dioxane

Concen: 19.06 ug/l

RT: 8.29 min Scan# 788

Delta R.T. -0.01 min

Lab File: VD046792.D

Acq: 18 Sep 2015 20:12

Instrument :

MSVOA_D

ClientSampleId :

LOD-SOIL2015-01

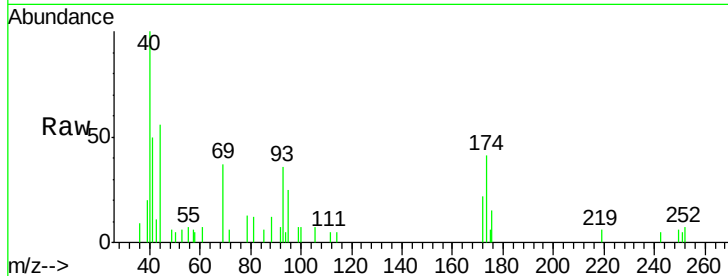
Tgt Ion: 88 Resp: 119

Ion Ratio Lower Upper

88 100

43 87.8 50.0 75.0#

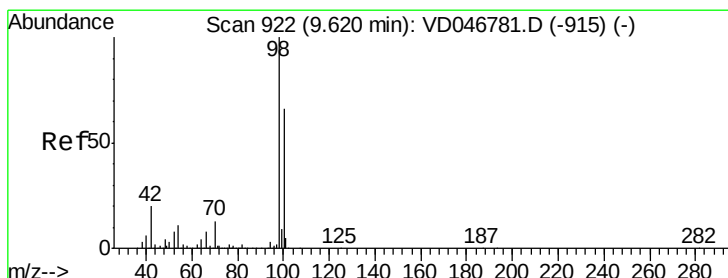
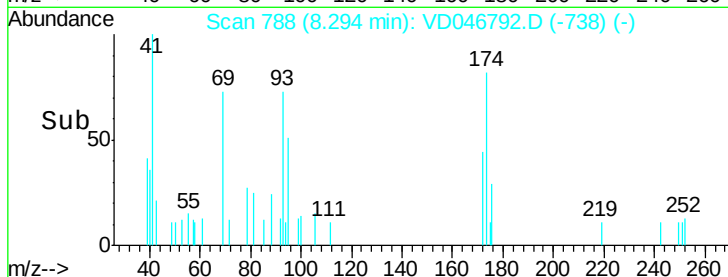
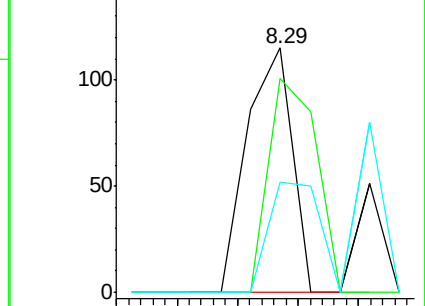
58 45.2 48.3 72.5#



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 19.06 ug/l

RT: 9.62 min Scan# 922

Delta R.T. -0.01 min

Lab File: VD046792.D

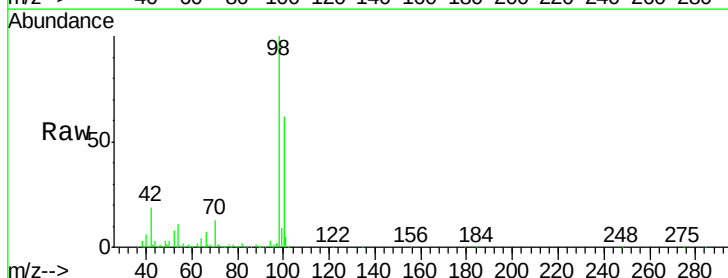
Acq: 18 Sep 2015 20:12

Tgt Ion: 98 Resp: 302502

Ion Ratio Lower Upper

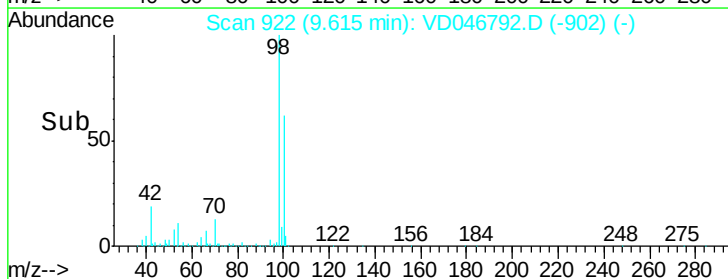
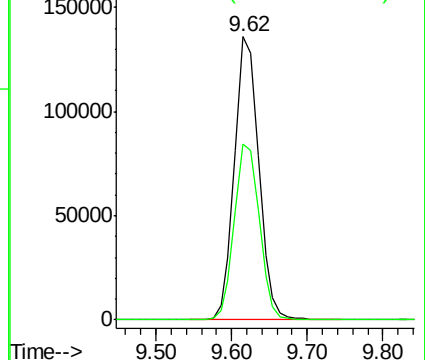
98 100

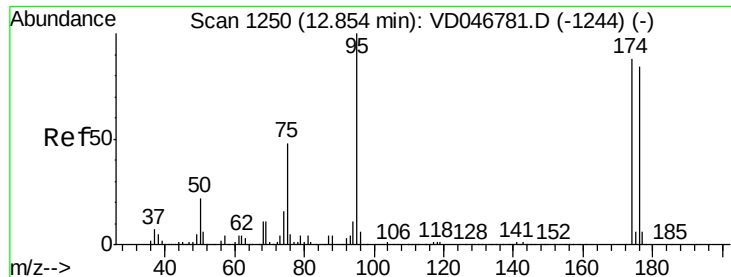
100 61.9 49.9 74.9



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.85 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VD046792.D

Acq: 18 Sep 2015 20:12

Instrument :

MSVOA_D

ClientSampleId :

LOD-SOIL2015-01

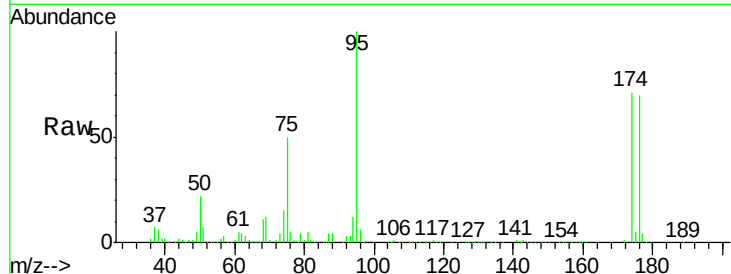
Tgt Ion: 95 Resp: 117270

Ion Ratio Lower Upper

95 100

174 71.0 0.0 149.8

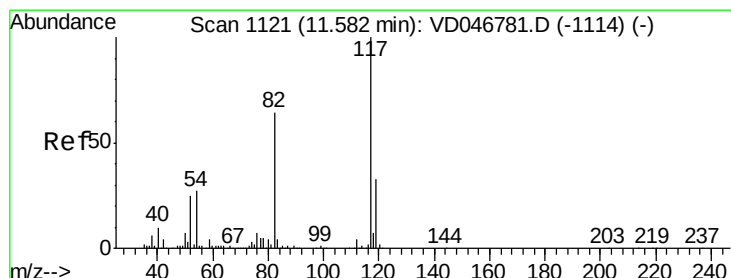
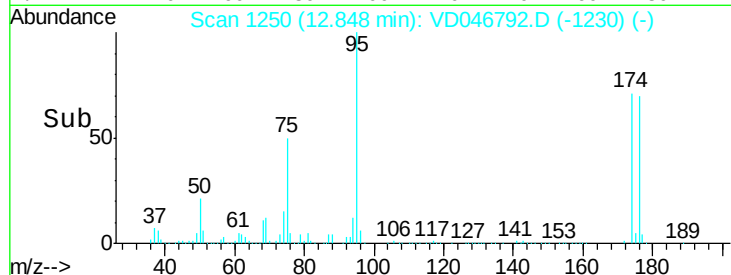
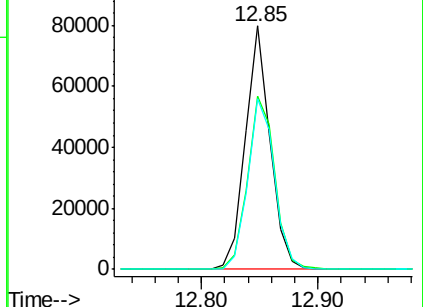
176 70.3 0.0 143.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VD046792.D

Acq: 18 Sep 2015 20:12

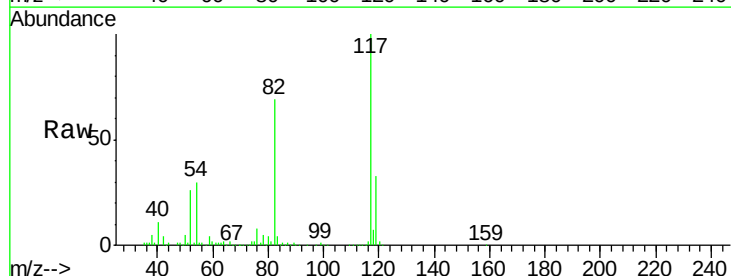
Tgt Ion: 117 Resp: 209747

Ion Ratio Lower Upper

117 100

82 68.6 50.6 75.8

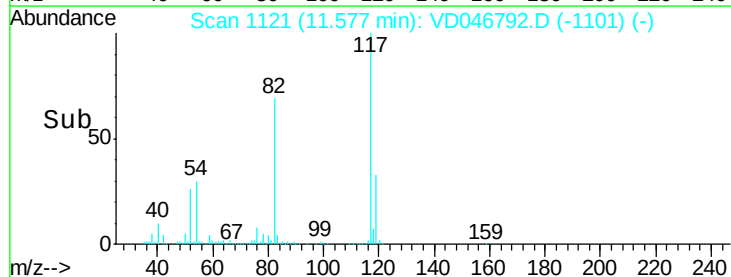
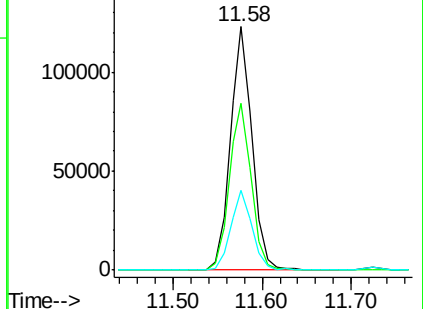
119 32.8 25.8 38.8

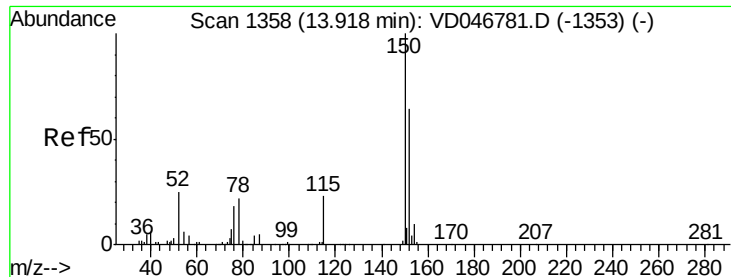


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.92 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VD046792.D

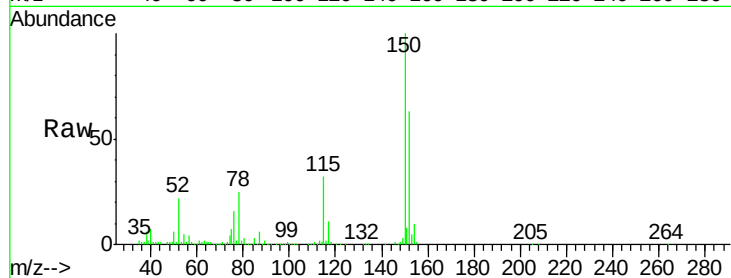
Acq: 18 Sep 2015 20:12

Instrument :

MSVOA_D

ClientSampleId :

LOD-SOIL2015-01



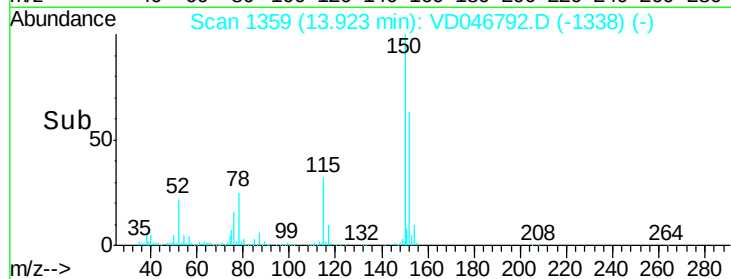
Tgt Ion:152 Resp: 108506

Ion Ratio Lower Upper

152 100

115 51.2 26.2 78.6

150 158.0 0.0 311.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

