

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD091815\
 Data File : VD046794.D
 Acq On : 18 Sep 2015 21:07
 Operator : FY/SY
 Sample : G3707-03LOD 4ppb
 Misc : 5.00gm/5mL/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Sep 19 01:06:27 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	6.30	168	168271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	230794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.58	117	219753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.91	152	115734	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.72	65	100674	57.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.08%	
35) Dibromofluoromethane	6.22	113	94193	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	9.62	98	304171	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.85	95	118374	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

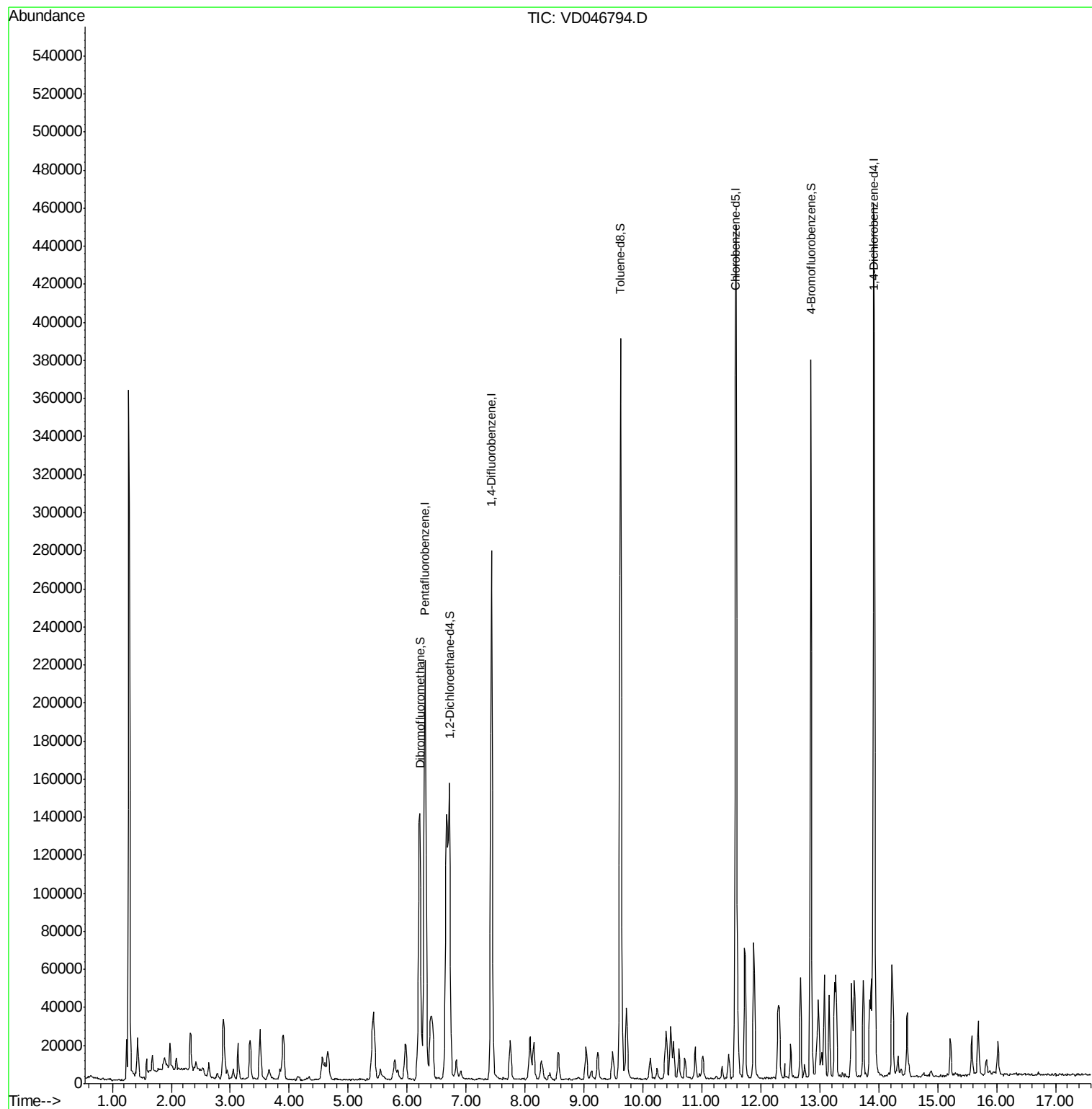
Target Compounds	Qvalue

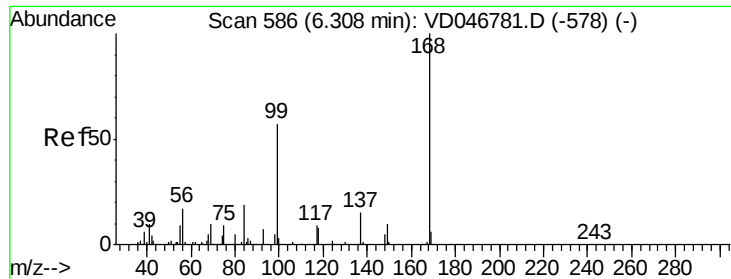
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:47:18 2015
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.30 min Scan# 586

Delta R.T. -0.00 min

Lab File: VD046794.D

Acq: 18 Sep 2015 21:07

Instrument :

MSVOA_D

ClientSampleId :

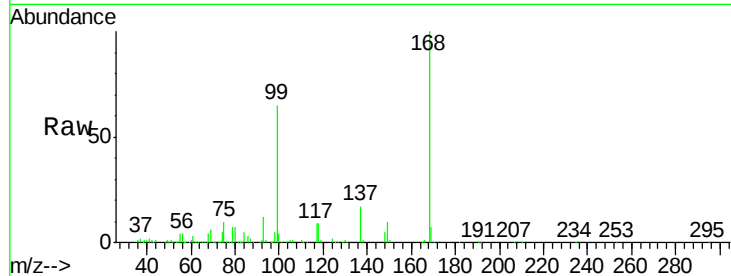
LOD-SOIL2015-01

Tgt Ion:168 Resp: 168271

Ion Ratio Lower Upper

168 100

99 64.7 42.4 63.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.30

80000

60000

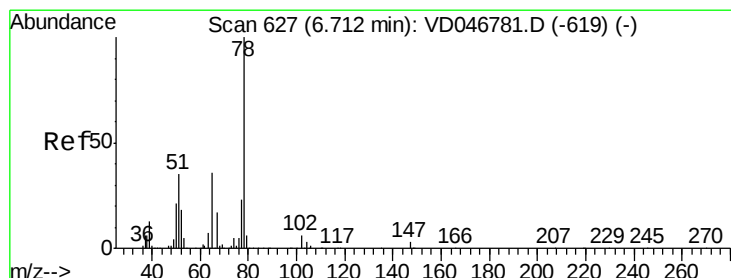
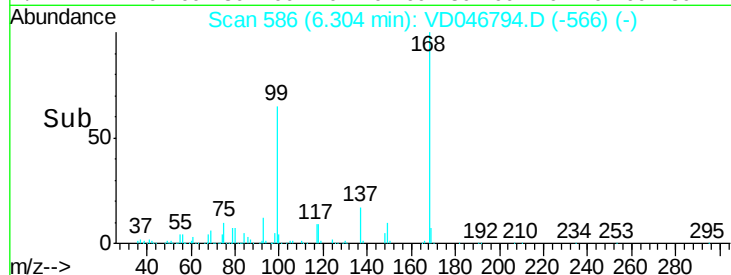
40000

20000

0

6.20 6.30 6.40 6.50

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.72 min Scan# 628

Delta R.T. 0.01 min

Lab File: VD046794.D

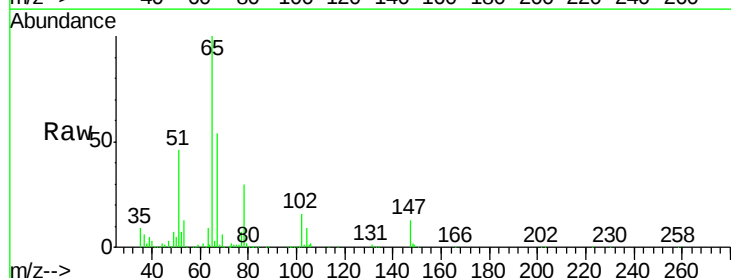
Acq: 18 Sep 2015 21:07

Tgt Ion: 65 Resp: 100674

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.72

40000

30000

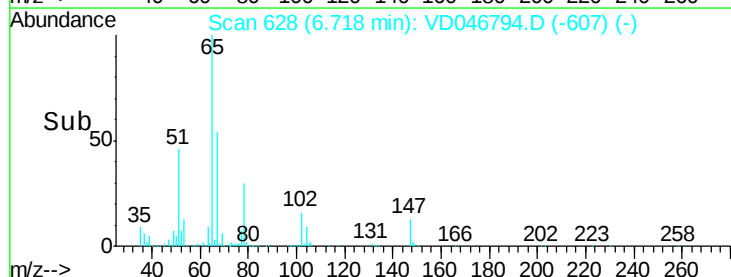
20000

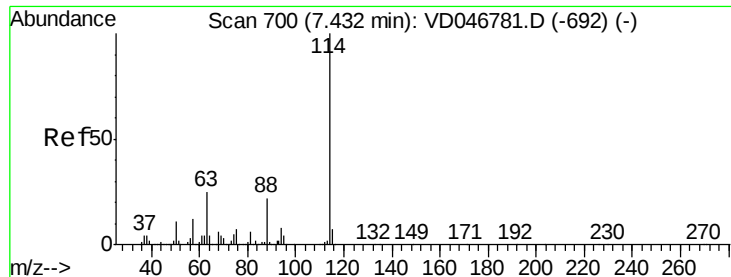
10000

0

6.60 6.70 6.80 6.90

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.43 min Scan# 700

Delta R.T. -0.00 min

Lab File: VD046794.D

Acq: 18 Sep 2015 21:07

Instrument :

MSVOA_D

ClientSampleId :

LOD-SOIL2015-01

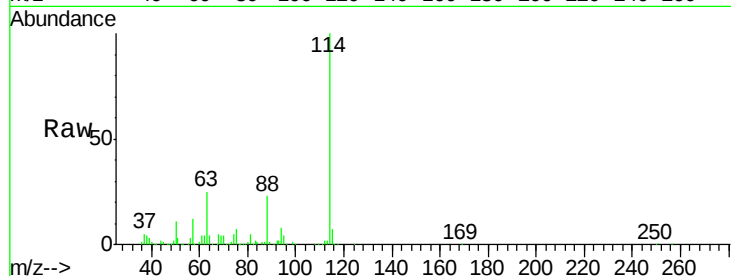
Tgt Ion:114 Resp: 230794

Ion Ratio Lower Upper

114 100

63 24.5 0.0 49.8

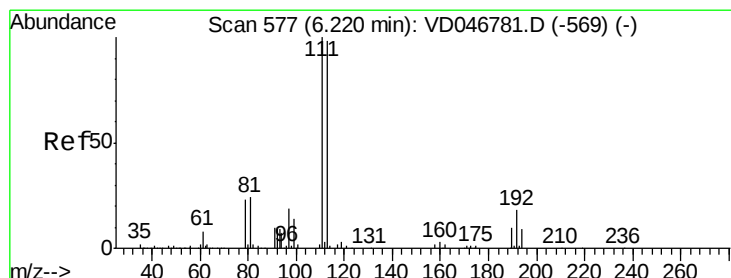
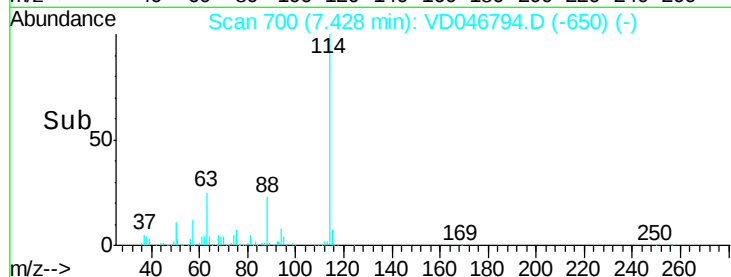
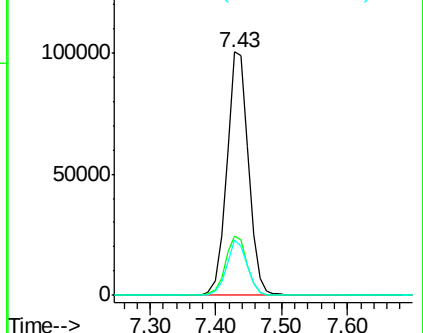
88 22.9 0.0 43.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.22 min Scan# 577

Delta R.T. -0.00 min

Lab File: VD046794.D

Acq: 18 Sep 2015 21:07

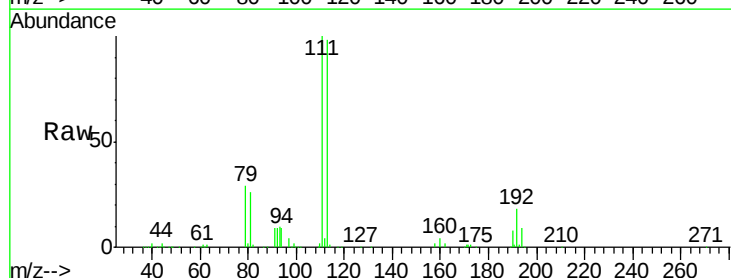
Tgt Ion:113 Resp: 94193

Ion Ratio Lower Upper

113 100

111 102.4 79.4 119.0

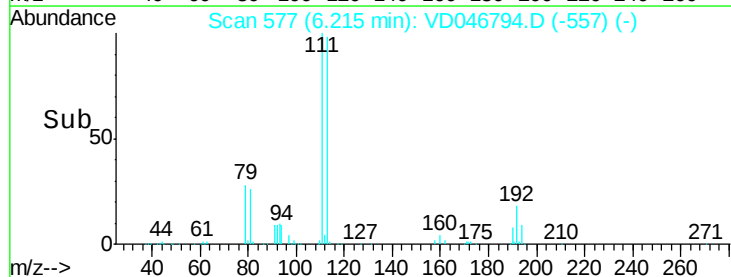
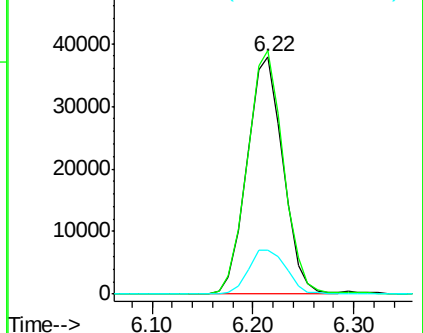
192 18.4 14.6 22.0

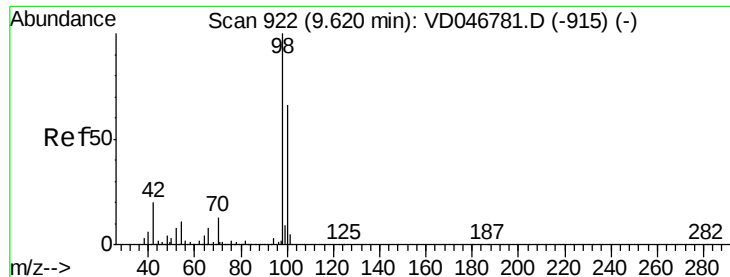


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: VD046794.D

Acq: 18 Sep 2015 21:07

Instrument :

MSVOA_D

ClientSampleId :

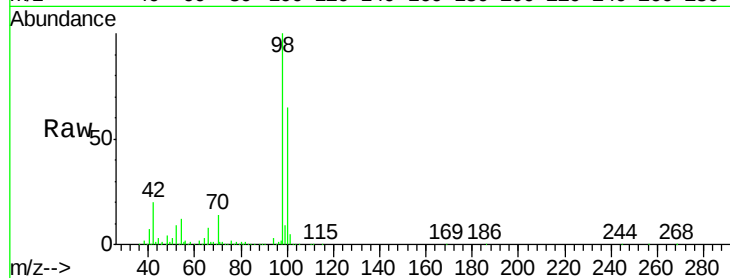
LOD-SOIL2015-01

Tgt Ion: 98 Resp: 304171

Ion Ratio Lower Upper

98 100

100 64.5 49.9 74.9



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

9.62

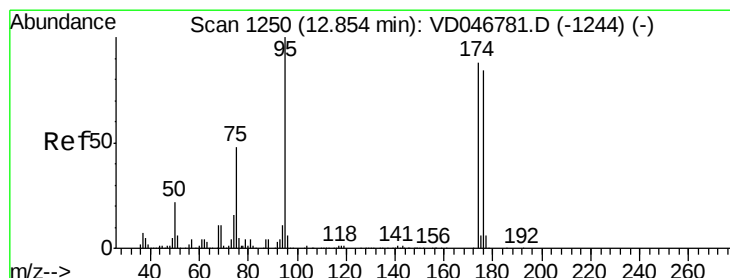
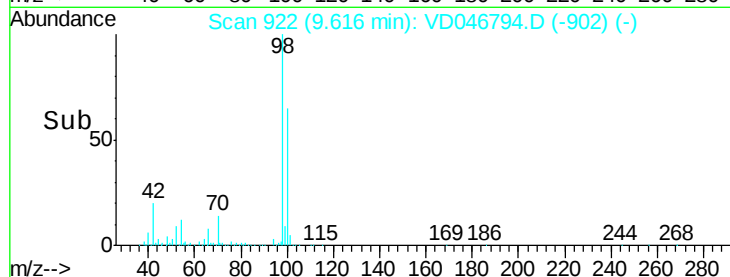
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.85 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD046794.D

Acq: 18 Sep 2015 21:07

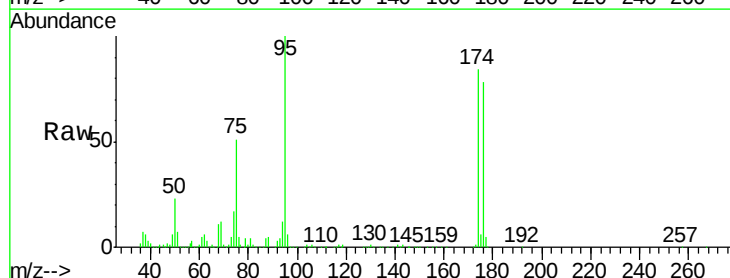
Tgt Ion: 95 Resp: 118374

Ion Ratio Lower Upper

95 100

174 83.8 0.0 149.8

176 77.8 0.0 143.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

12.85

100000

80000

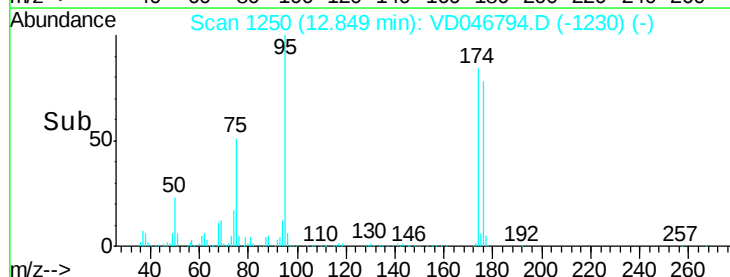
60000

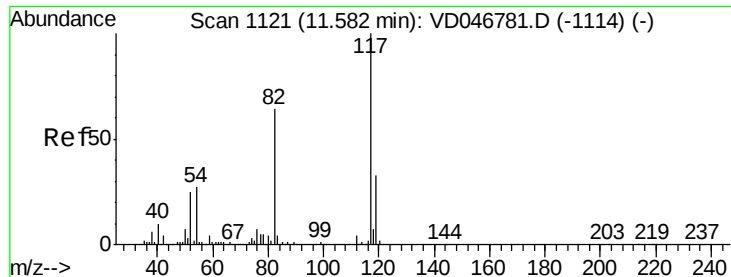
40000

20000

0

Time-->

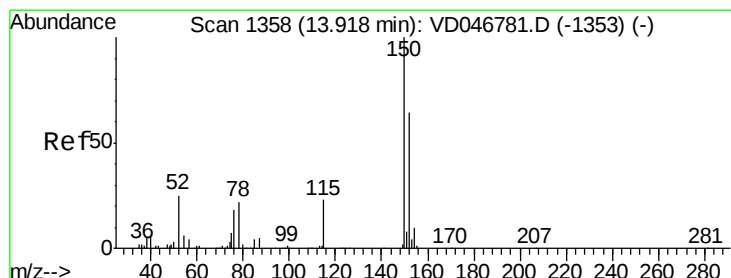
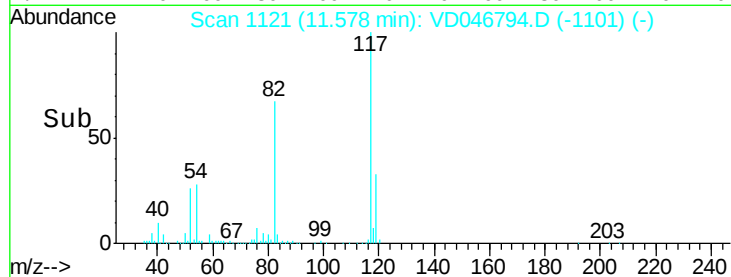
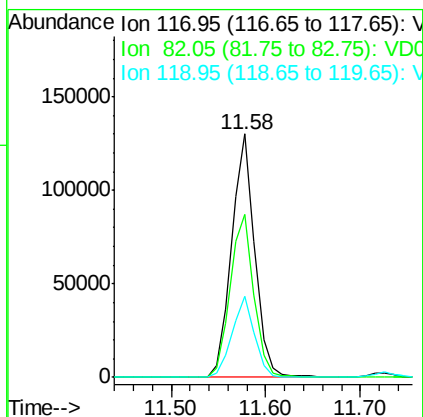
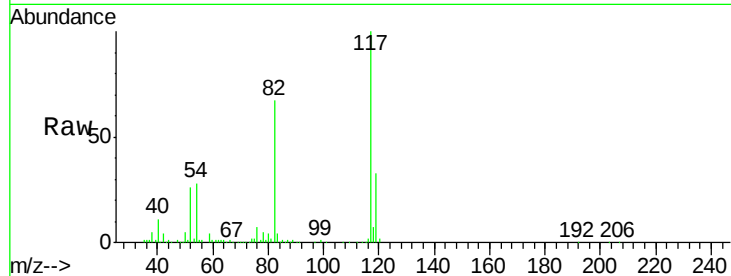




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.58 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VD046794.D
Acq: 18 Sep 2015 21:07

Instrument :
MSVOA_D
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:117 Resp: 219753
Ion Ratio Lower Upper
117 100
82 67.1 50.6 75.8
119 33.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.91 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VD046794.D
Acq: 18 Sep 2015 21:07

Tgt Ion:152 Resp: 115734
Ion Ratio Lower Upper
152 100
115 56.2 26.2 78.6
150 161.5 0.0 311.8

