

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046810.D
 Acq On : 21 Sep 2015 16:37
 Operator : FY/SY
 Sample : G3761-01
 Misc : 5.00µm/5mL/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

Quant Time: Sep 22 02:13:22 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	6.29	168	200452	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.41	114	272889	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.56	117	253369	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	126598	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.70	65	91056	43.69	ug/l	-0.01
Spiked Amount			Recovery	=	87.38%	
35) Dibromofluoromethane	6.19	113	94641	44.33	ug/l	-0.03
Spiked Amount			Recovery	=	88.66%	
50) Toluene-d8	9.60	98	277212	41.16	ug/l	-0.02
Spiked Amount			Recovery	=	82.32%	
62) 4-Bromofluorobenzene	12.83	95	115177	42.47	ug/l	-0.02
Spiked Amount			Recovery	=	84.94%	

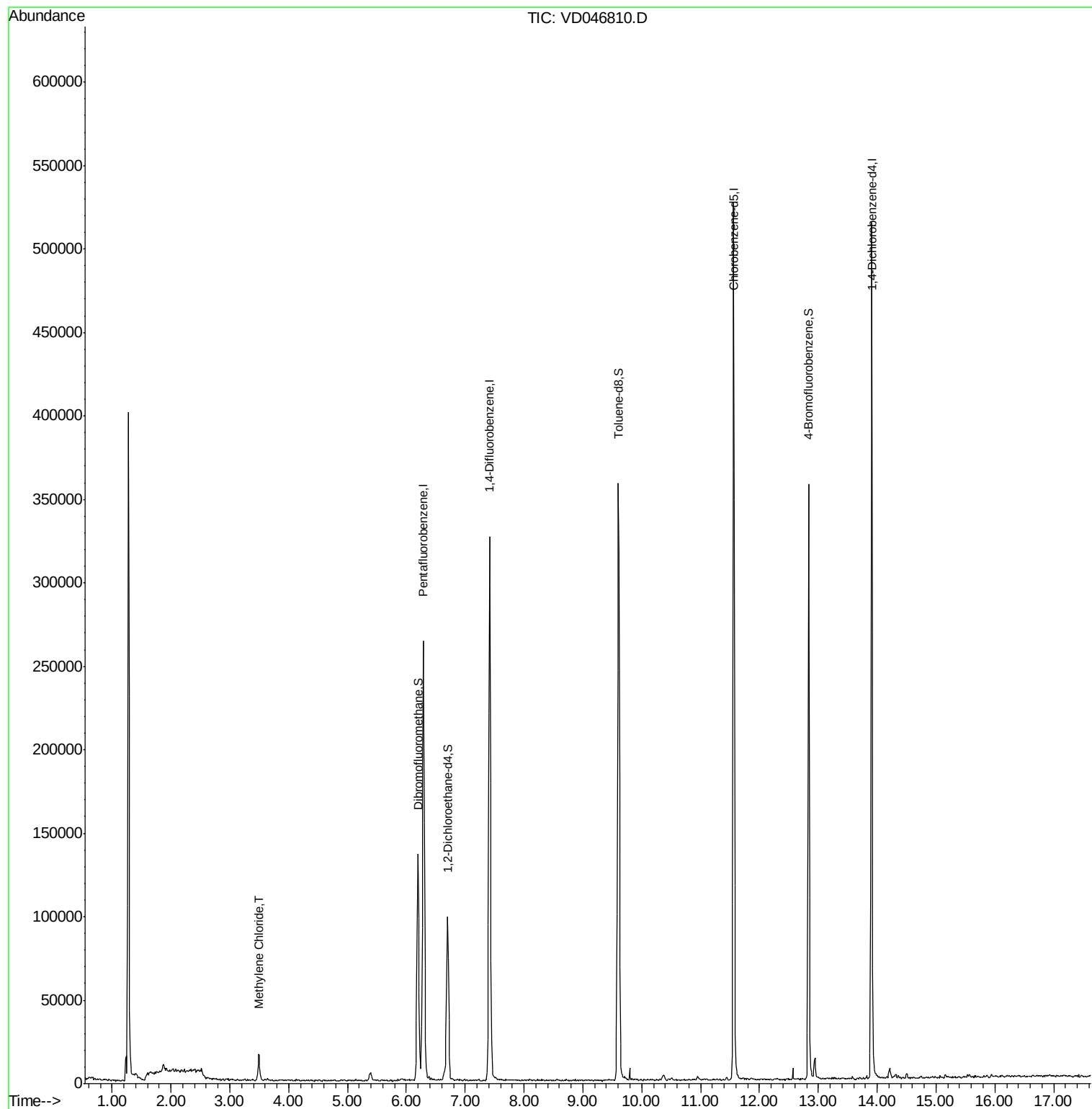
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
21) Methylene Chloride	3.49	84	7459	3.90	ug/l	88

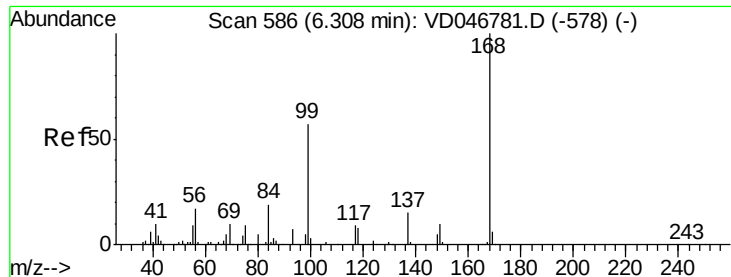
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.29 min Scan# 584

Delta R.T. -0.02 min

Lab File: VD046810.D

Acq: 21 Sep 2015 16:37

Instrument :

MSVOA_D

ClientSampleId :

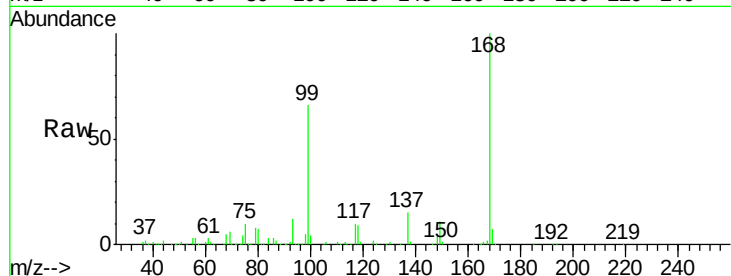
SOIL-PILE

Tot Ion:168 Resp: 200452

Ion Ratio Lower Upper

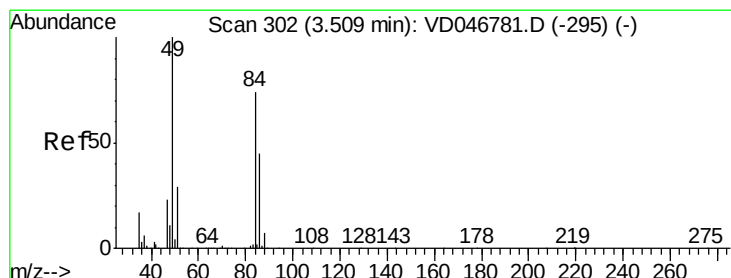
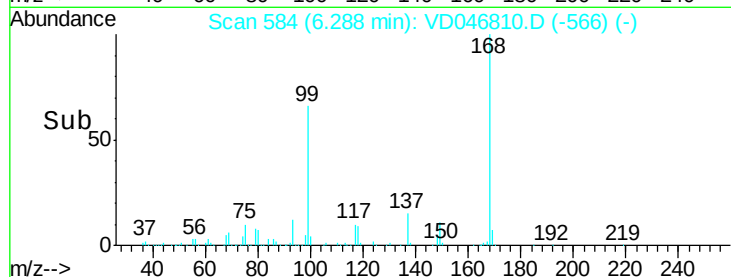
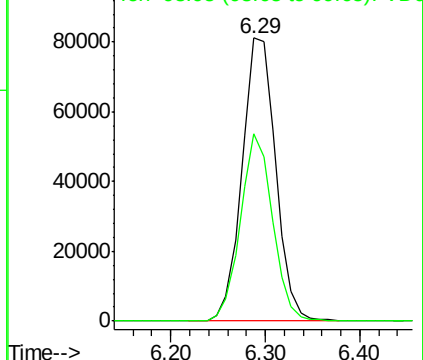
168 100

99 66.1 42.4 63.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#21

Methylene Chloride

Concen: 3.90 ug/l

RT: 3.49 min Scan# 300

Delta R.T. -0.02 min

Lab File: VD046810.D

Acq: 21 Sep 2015 16:37

Tgt Ion: 84 Resp: 7459

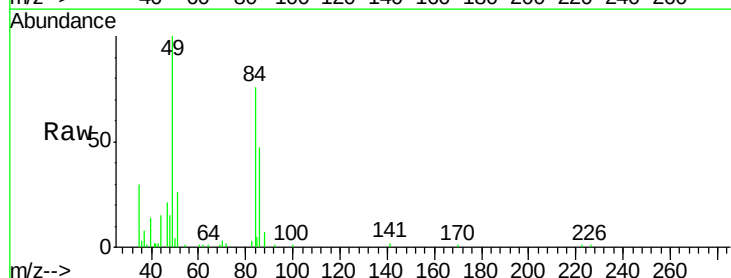
Ion Ratio Lower Upper

84 100

49 131.9 122.1 183.1

51 34.9 33.6 50.4

86 61.5 48.3 72.5

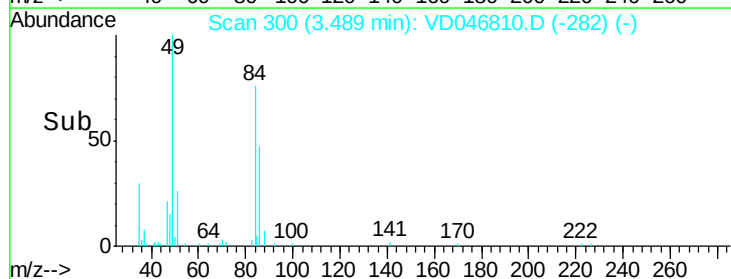
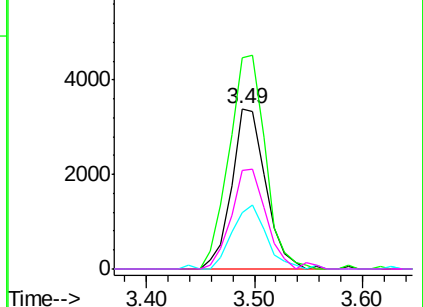


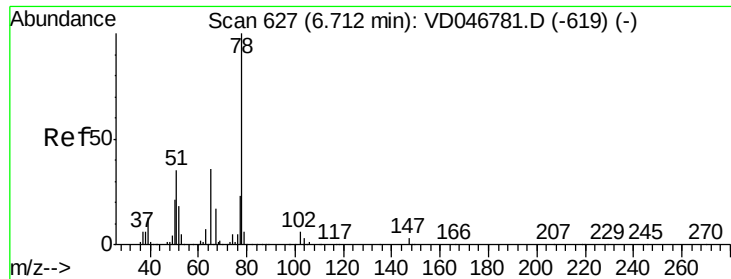
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

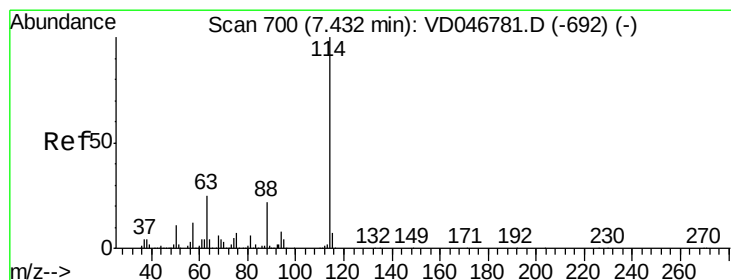
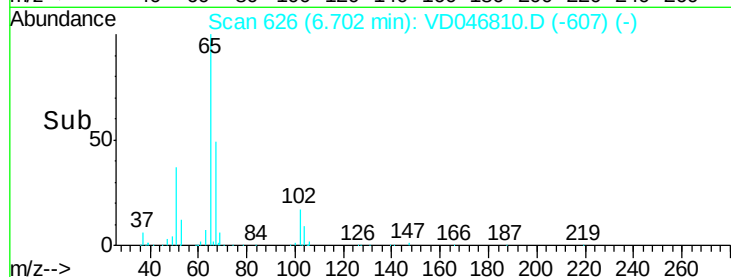
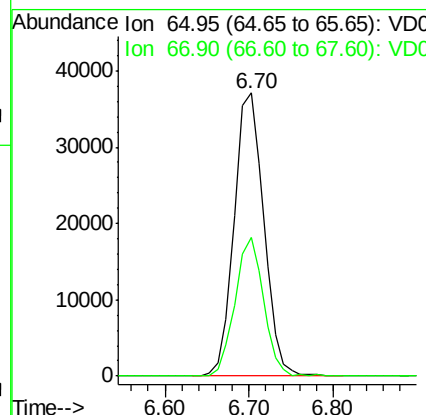
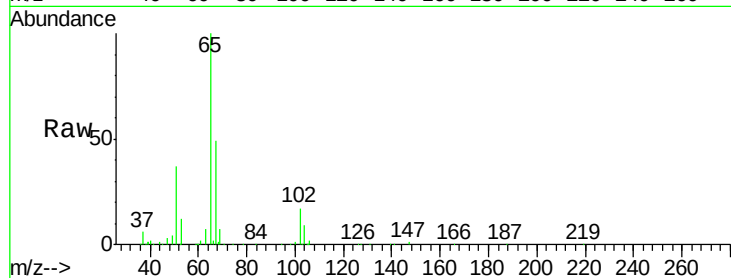




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.70 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: VD046810.D
 Acq: 21 Sep 2015 16:37

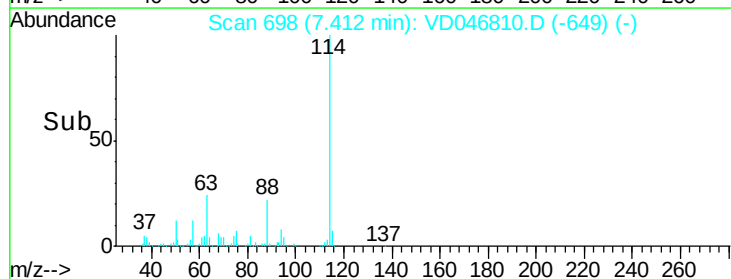
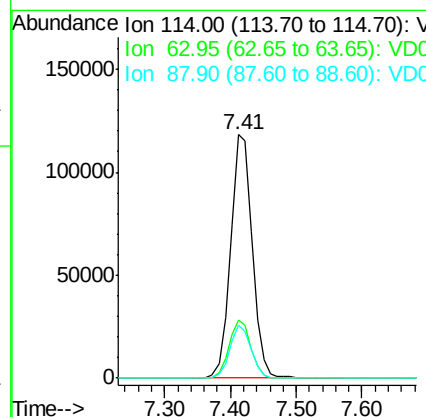
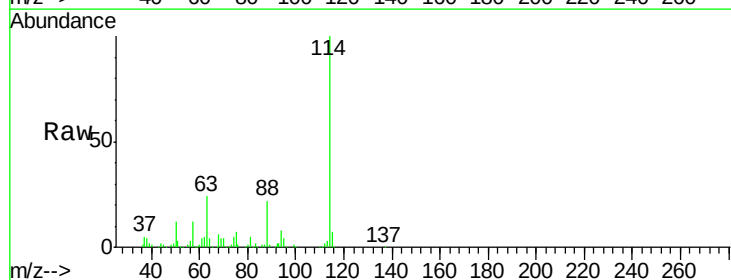
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

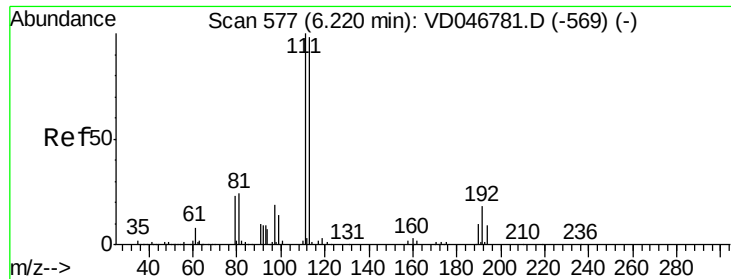
Tot Ion: 65 Resp: 91056
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.41 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: VD046810.D
 Acq: 21 Sep 2015 16:37

Tgt Ion: 114 Resp: 272889
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.8
 88 21.8 0.0 43.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.19 min Scan# 574

Delta R.T. -0.03 min

Lab File: VD046810.D

Acq: 21 Sep 2015 16:37

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE

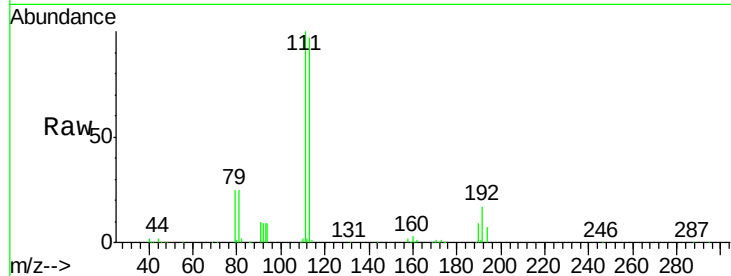
Tot Ion:113 Resp: 94641

Ion Ratio Lower Upper

113 100

111 103.5 79.4 119.0

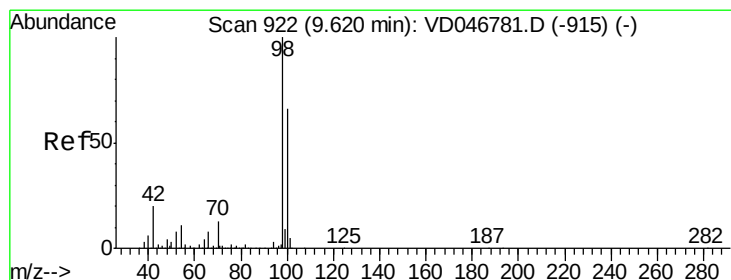
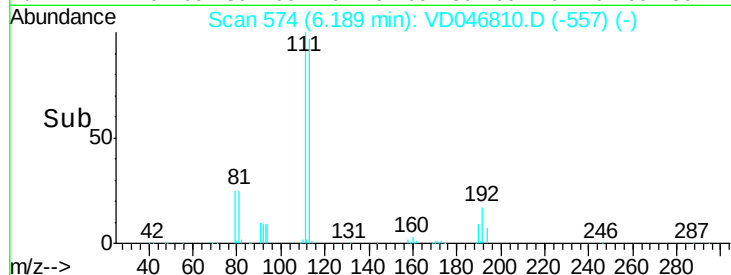
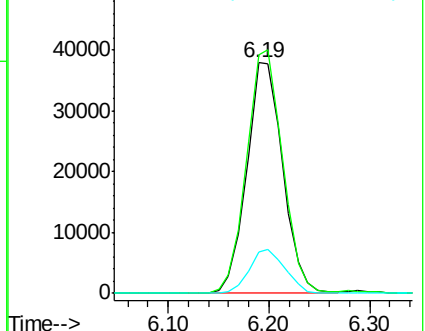
192 17.7 14.6 22.0



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: 9.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: VD046810.D

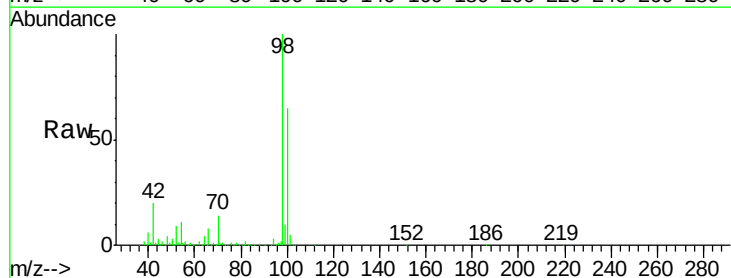
Acq: 21 Sep 2015 16:37

Tgt Ion: 98 Resp: 277212

Ion Ratio Lower Upper

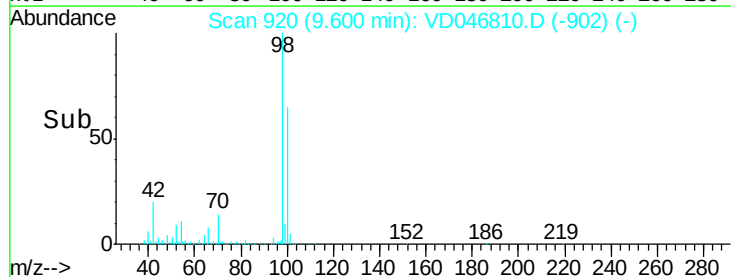
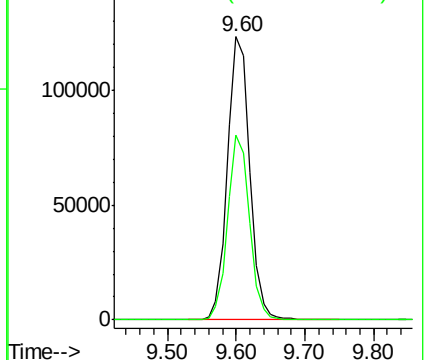
98 100

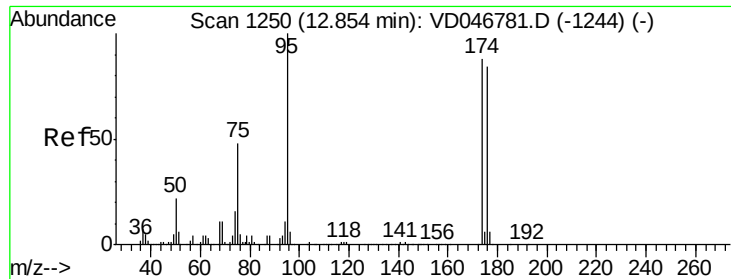
100 65.2 49.9 74.9



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.83 min Scan# 1248

Delta R.T. -0.02 min

Lab File: VD046810.D

Acq: 21 Sep 2015 16:37

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE

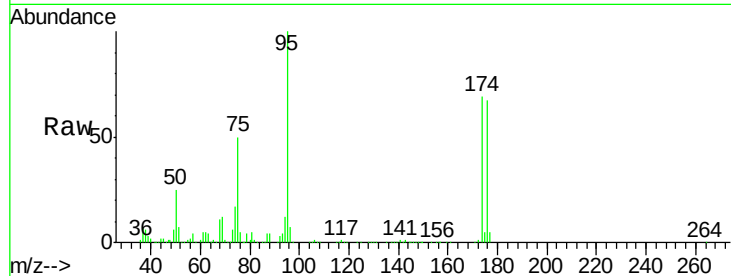
Tot Ion: 95 Resp: 115177

Ion Ratio Lower Upper

95 100

174 68.9 0.0 149.8

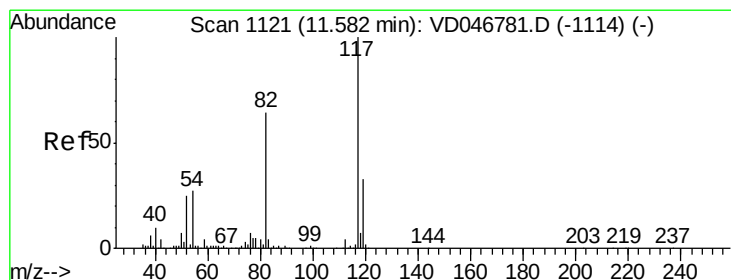
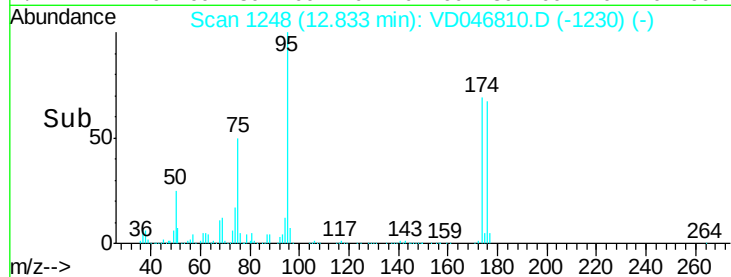
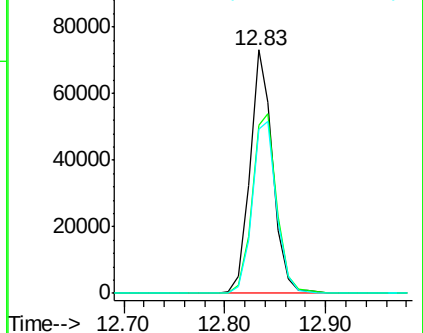
176 67.2 0.0 143.4



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: 11.56 min Scan# 1119

Delta R.T. -0.02 min

Lab File: VD046810.D

Acq: 21 Sep 2015 16:37

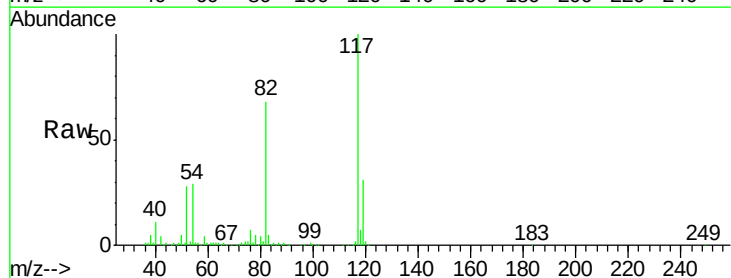
Tgt Ion: 117 Resp: 253369

Ion Ratio Lower Upper

117 100

82 68.2 50.6 75.8

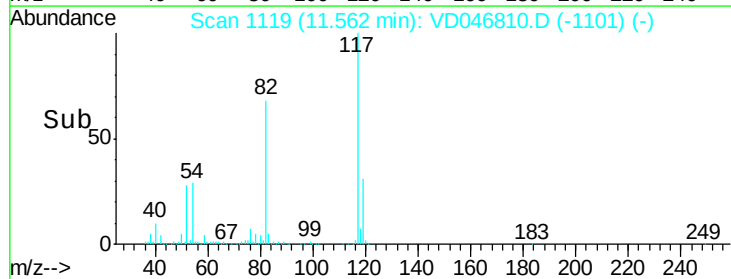
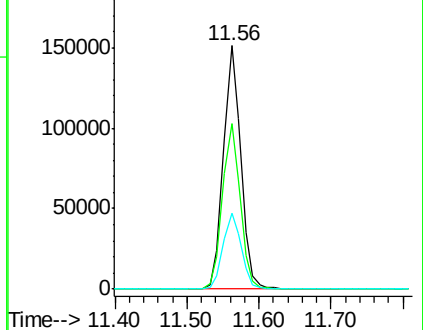
119 31.3 25.8 38.8

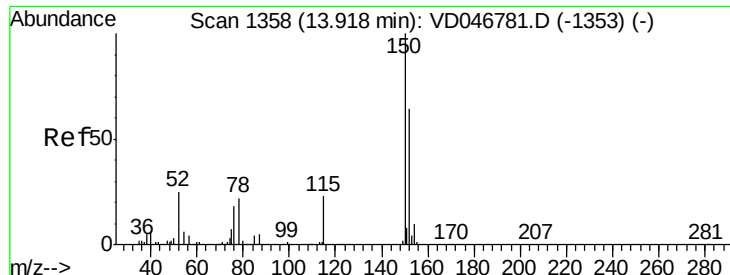


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.91 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VD046810.D

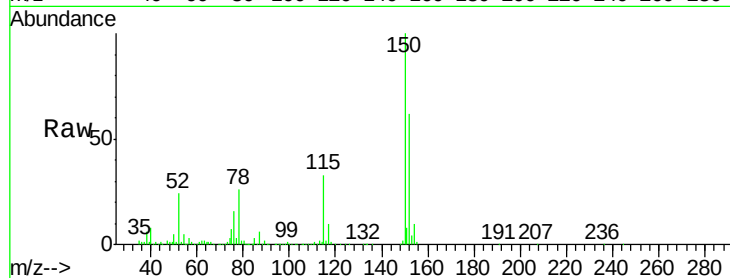
Acq: 21 Sep 2015 16:37

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE



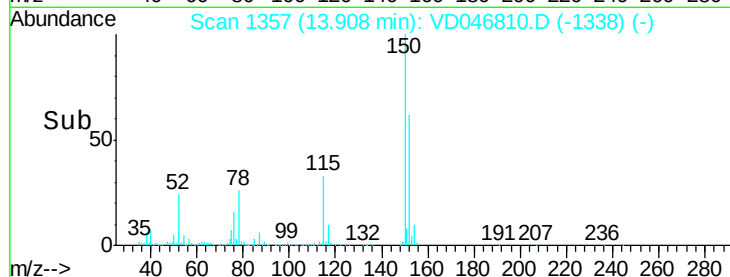
Tot Ion:152 Resp: 126598

Ion Ratio Lower Upper

152 100

115 53.3 26.2 78.6

150 162.1 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

