

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060153.D
 Acq On : 9 Oct 2018 16:13
 Operator : VA/AP
 Sample : J5325-01
 Misc : 5.11g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DEBRI

Quant Time: Oct 10 01:43:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

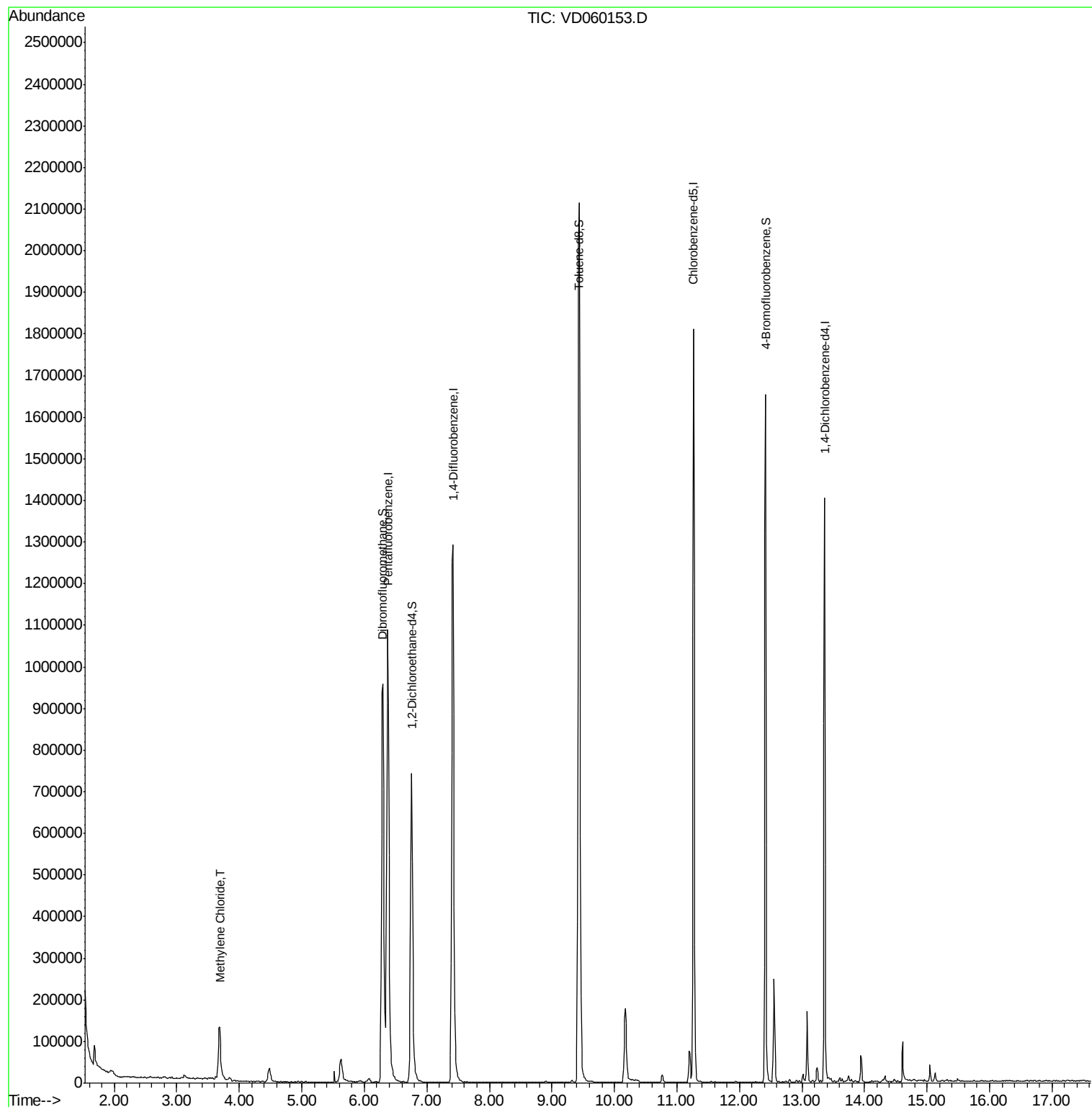
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1083527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	1418108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	941533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	313565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	618940	75.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	150.72%	
35) Dibromofluoromethane	6.30	113	765606	71.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.18%	
50) Toluene-d8	9.44	98	1790852	58.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.64%	
62) 4-Bromofluorobenzene	12.42	95	477383	41.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.04%	
Target Compounds						
20) Methylene Chloride	3.69	84	80012	2.757	ug/l	Qvalue 99

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.01 min

Lab File: VD060153.D

Acq: 9 Oct 2018 16:13

Instrument :

MSVOA_D

ClientSampleId :

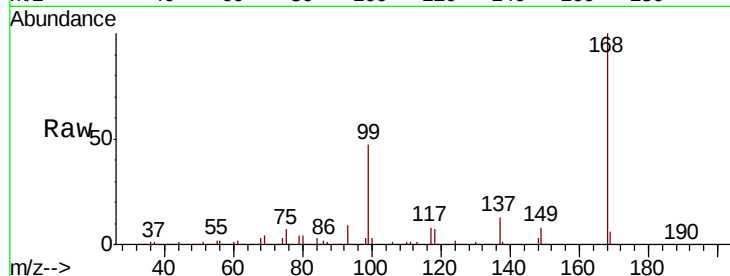
SOIL-DEBRI

Tot Ion:168 Resp: 1083527

Ion Ratio Lower Upper

168 100

99 47.3 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.37

400000

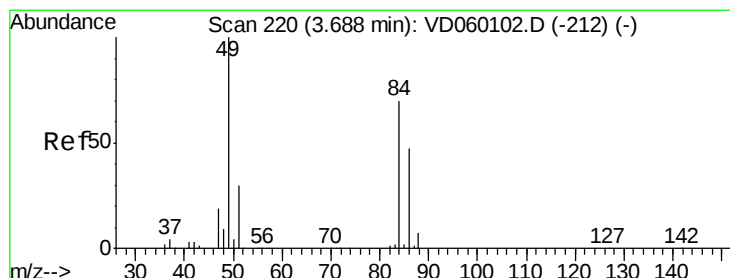
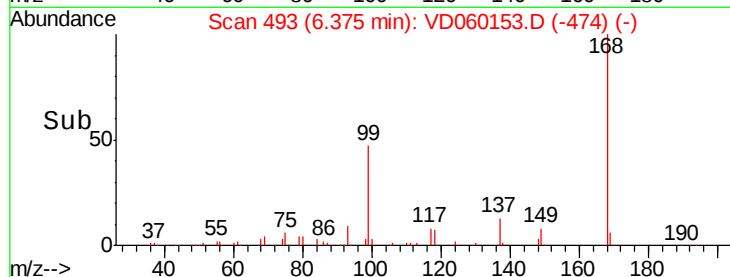
300000

200000

100000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#20

Methylene Chloride

Concen: 2.757 ug/l

RT: 3.69 min Scan# 220

Delta R.T. 0.00 min

Lab File: VD060153.D

Acq: 9 Oct 2018 16:13

Tgt Ion: 84 Resp: 80012

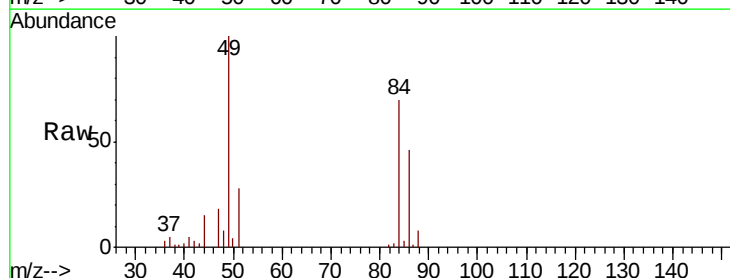
Ion Ratio Lower Upper

84 100

49 142.6 114.6 172.0

51 40.4 33.8 50.8

86 65.4 53.3 79.9



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

60000

50000

40000

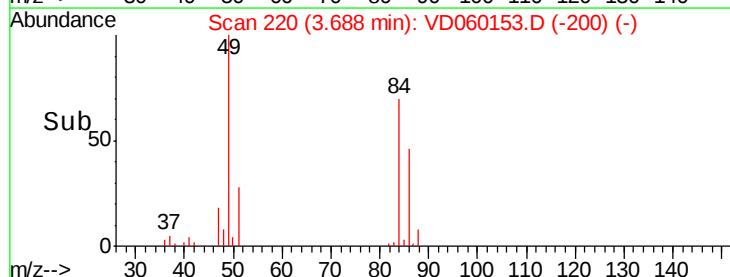
30000

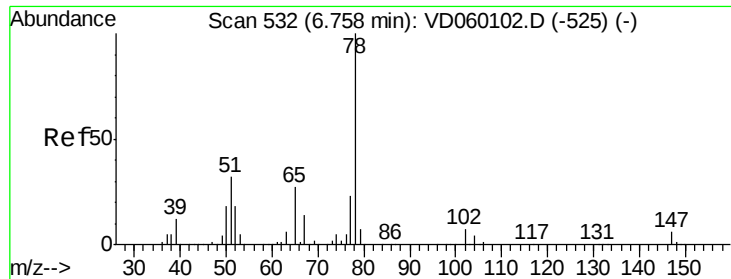
20000

10000

0

Time--> 3.60 3.70 3.80 3.90

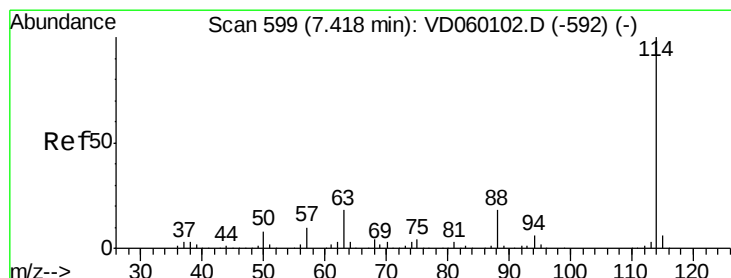
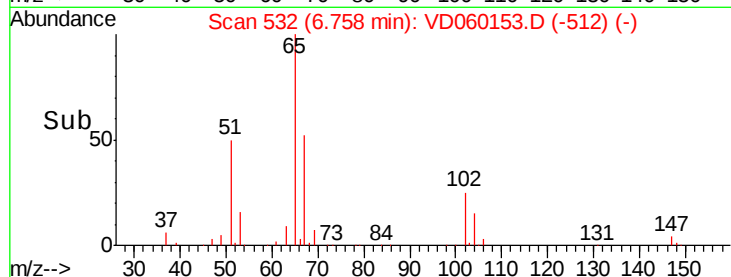
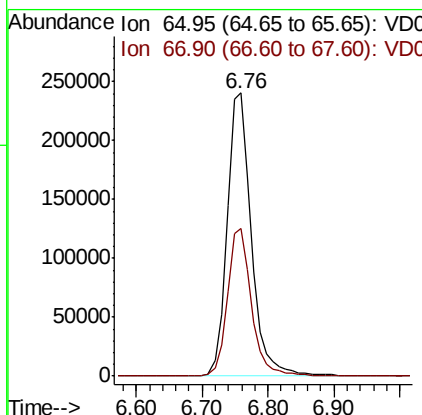
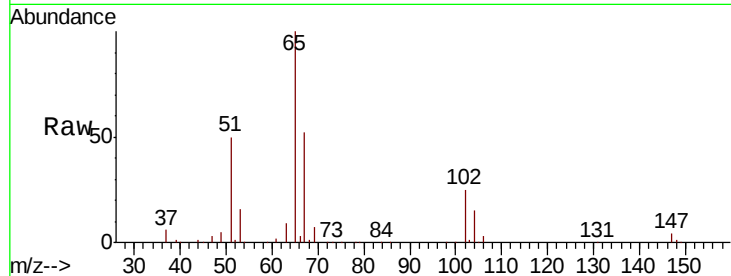




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VD060153.D
 Acq: 9 Oct 2018 16:13

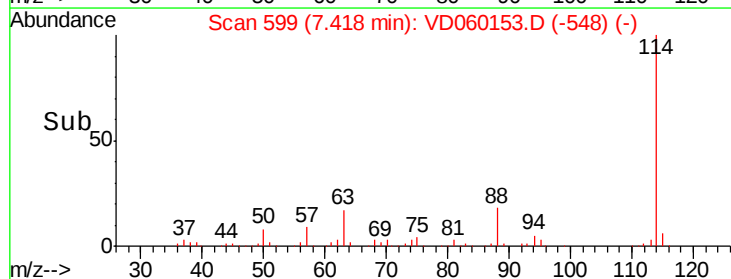
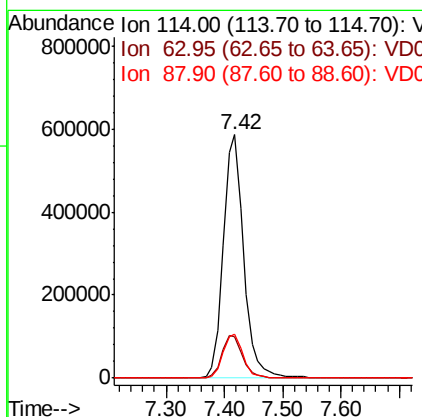
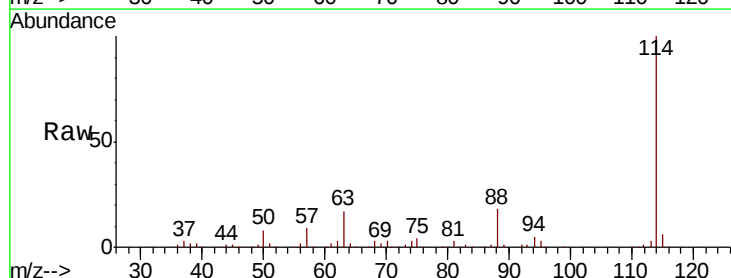
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DEBRI

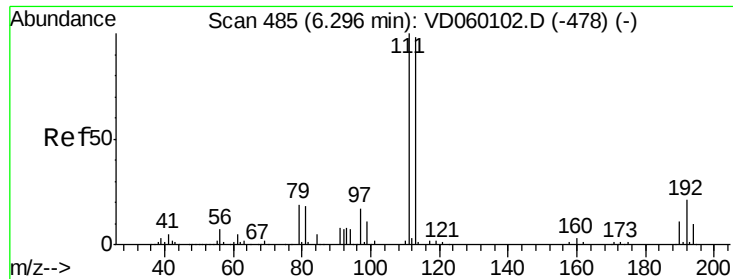
Tot Ion: 65 Resp: 618940
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: VD060153.D
 Acq: 9 Oct 2018 16:13

Tgt Ion:114 Resp: 1418108
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 36.0
 88 17.9 0.0 36.2

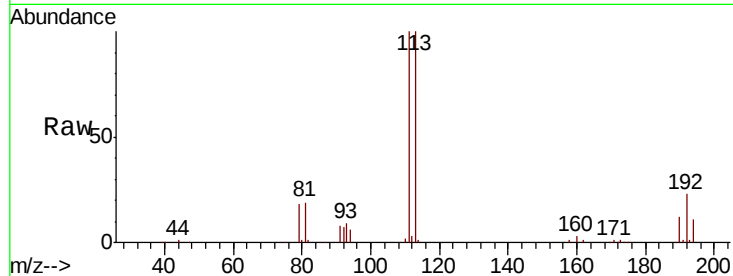




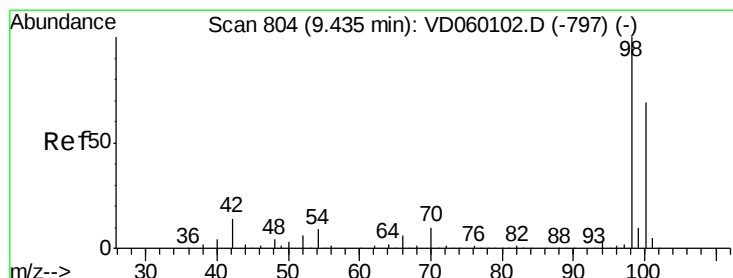
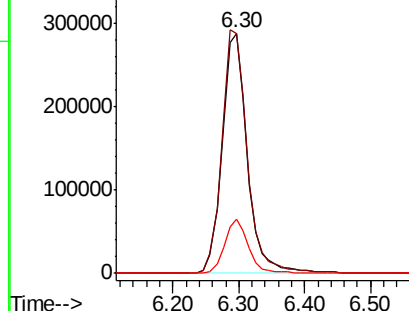
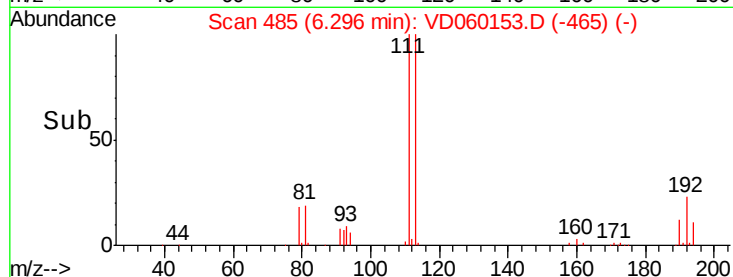
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: VD060153.D
 Acq: 9 Oct 2018 16:13

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DEBRI

Tot Ion:113 Resp: 765606
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.5 122.3
 192 22.6 17.4 26.0

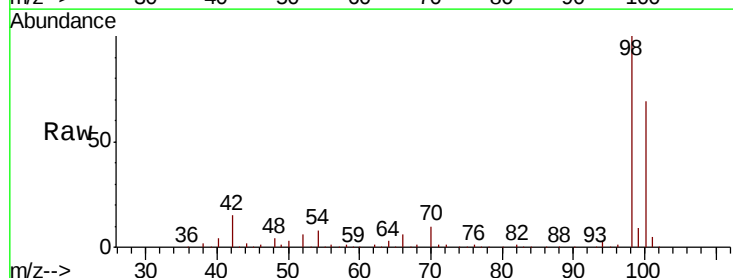


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

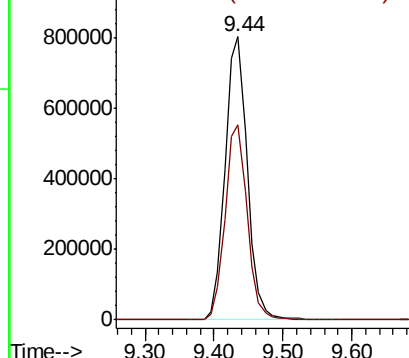
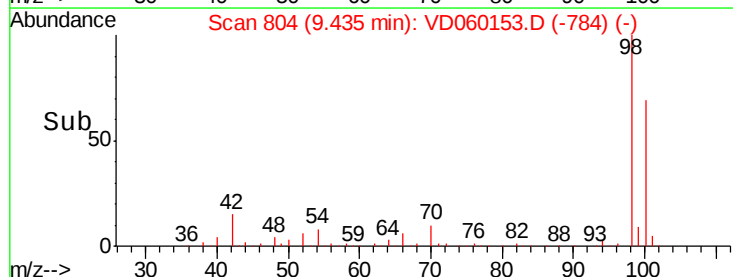


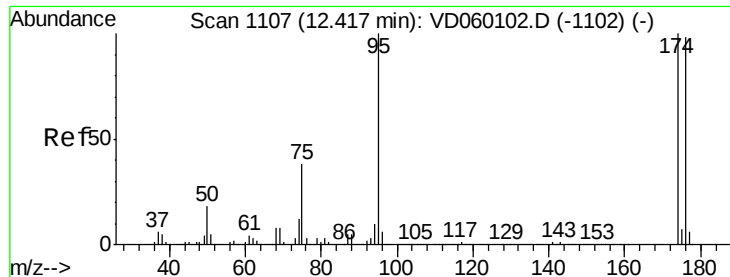
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.44 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VD060153.D
 Acq: 9 Oct 2018 16:13

Tgt Ion: 98 Resp: 1790852
 Ion Ratio Lower Upper
 98 100
 100 69.1 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V
 Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD060153.D

Acq: 9 Oct 2018 16:13

Instrument :

MSVOA_D

ClientSampleId :

SOIL-DEBRI

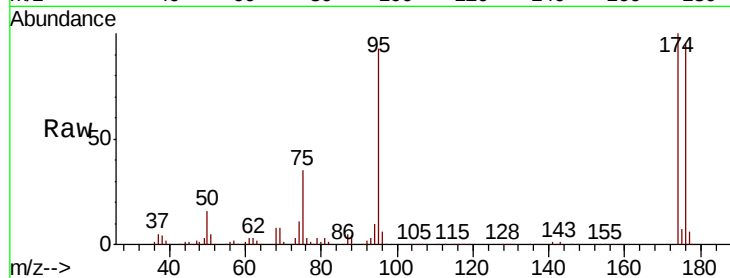
Tot Ion: 95 Resp: 477383

Ion Ratio Lower Upper

95 100

174 108.0 0.0 200.2

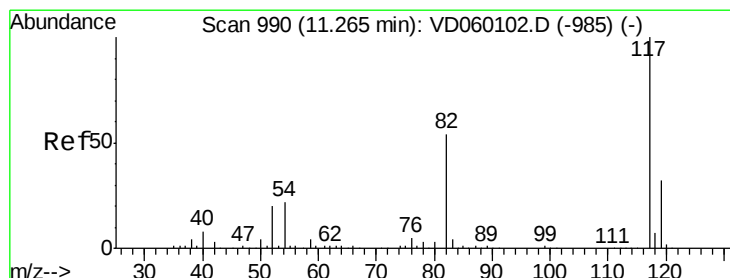
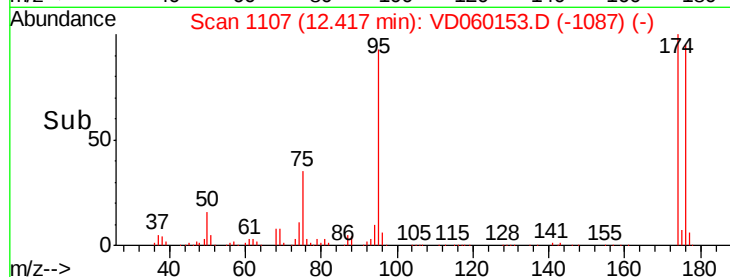
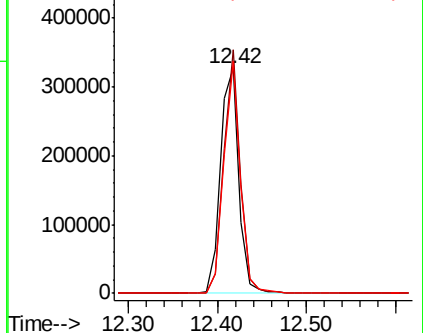
176 102.9 0.0 195.6



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: 50.000 ug/l

RT: 11.27 min Scan# 990

Delta R.T. 0.00 min

Lab File: VD060153.D

Acq: 9 Oct 2018 16:13

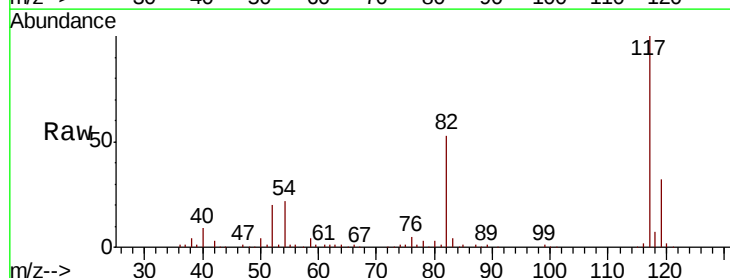
Tgt Ion: 117 Resp: 941533

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.2

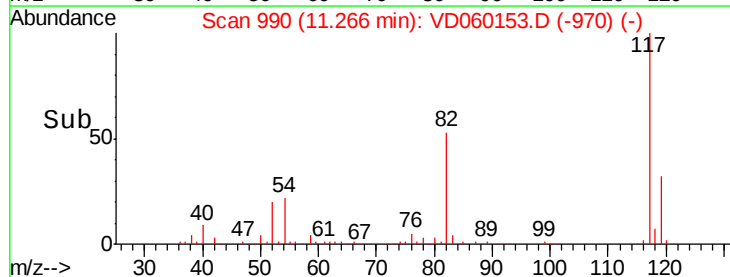
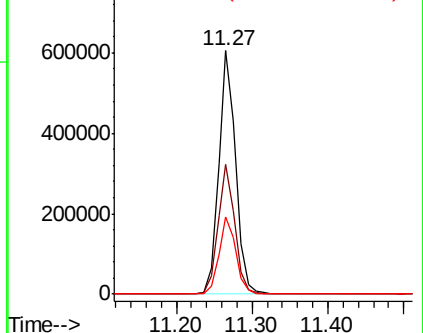
119 31.8 26.0 39.0

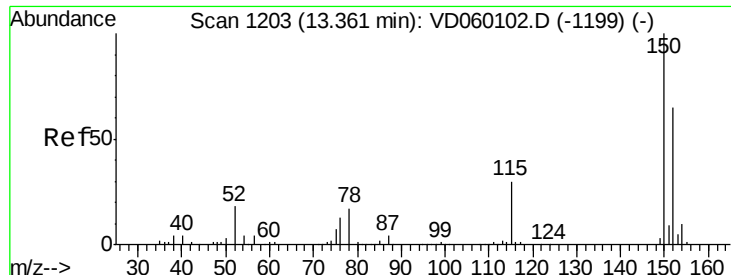


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

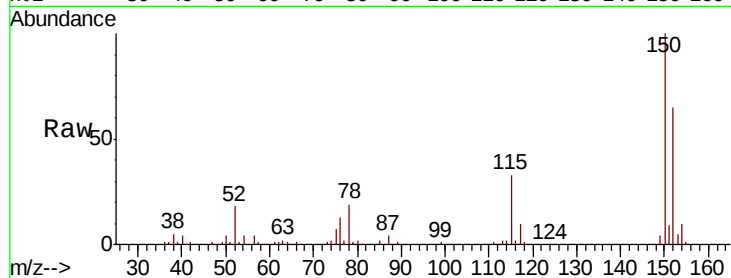




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.36 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: VD060153.D
 Acq: 9 Oct 2018 16:13

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DEBRI

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.0	27.1	81.2
150	153.6	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

