

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060986.D
 Acq On : 8 Mar 2019 16:21
 Operator : VA/AP
 Sample : K1780-05
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-B

Quant Time: Mar 08 23:54:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	738937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1417138	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1204034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	540018	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	354144	57.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.16%	
35) Dibromofluoromethane	6.92	113	570162	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
50) Toluene-d8	10.41	98	1358777	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	13.56	95	547443	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	

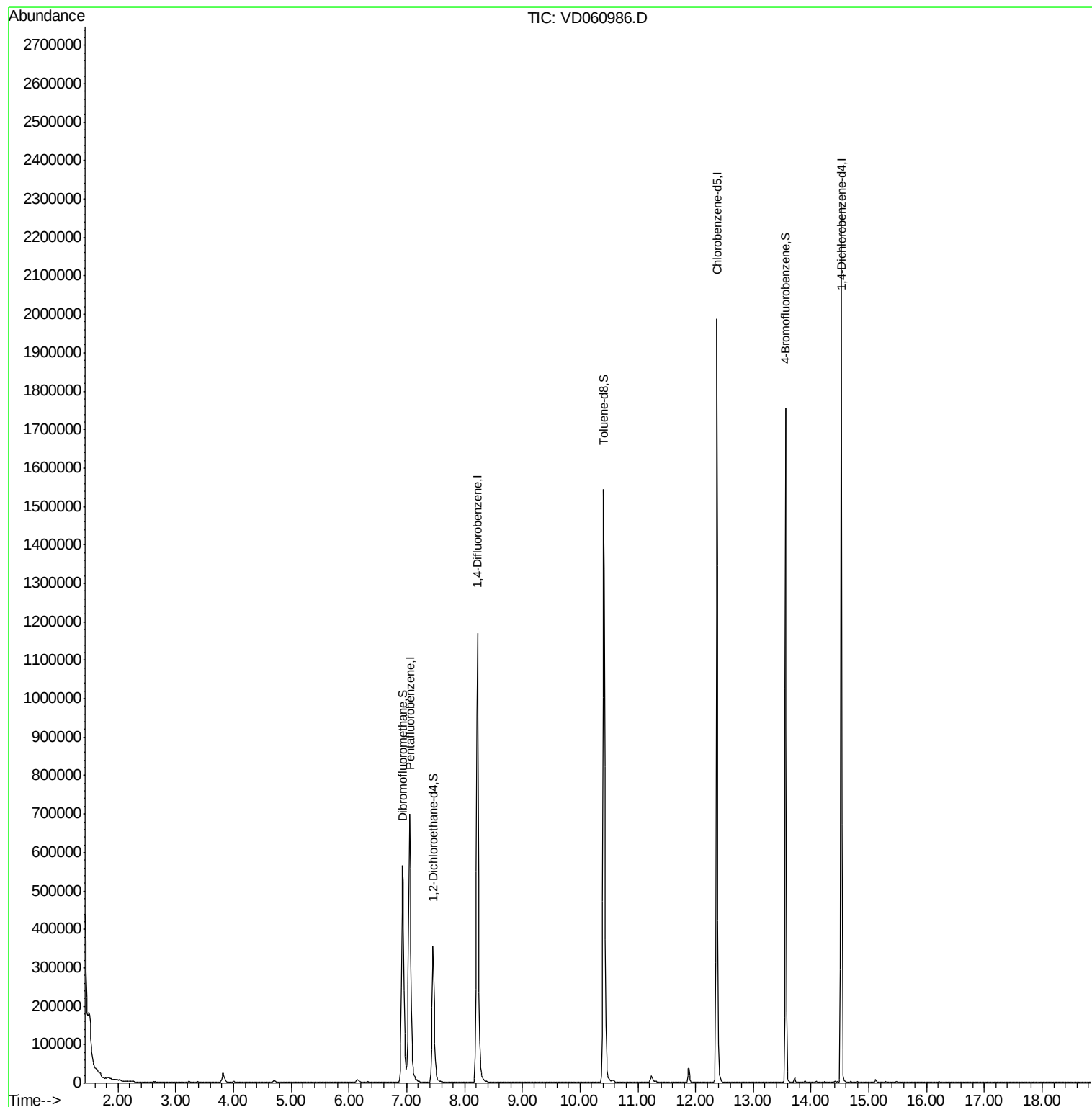
Target Compounds	Qvalue

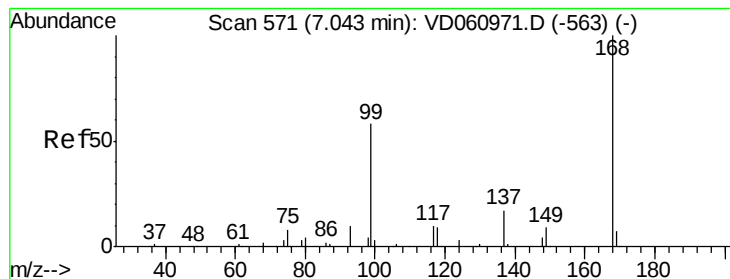
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD060986.D

Acq: 8 Mar 2019 16:21

Instrument :

MSVOA_D

ClientSampleId :

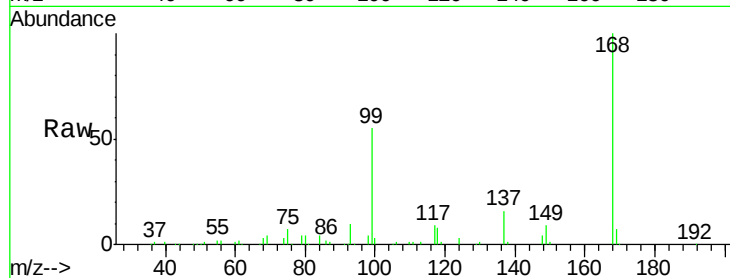
SOIL-B

Tot Ion:168 Resp: 738937

Ion Ratio Lower Upper

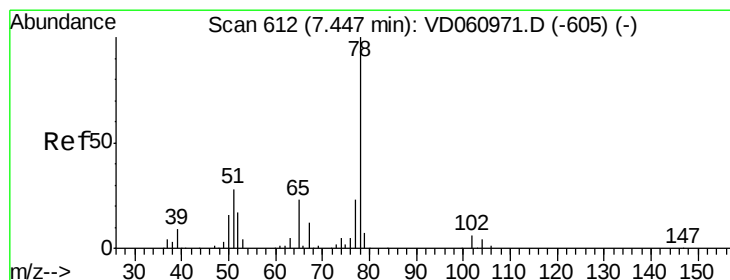
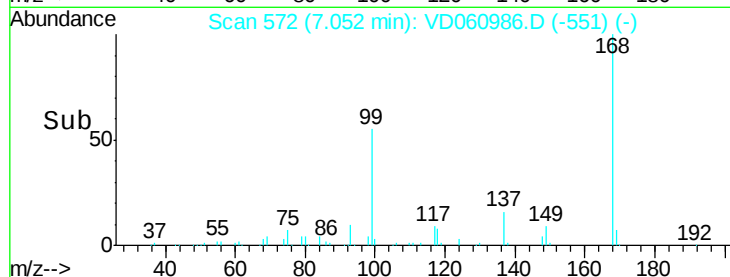
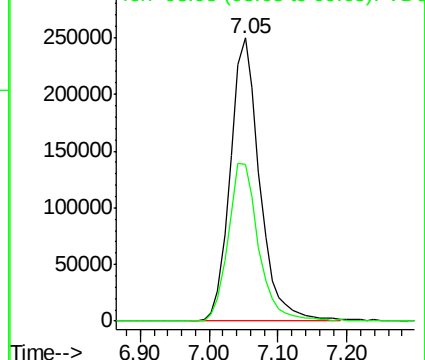
168 100

99 55.4 47.3 70.9



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: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD060986.D

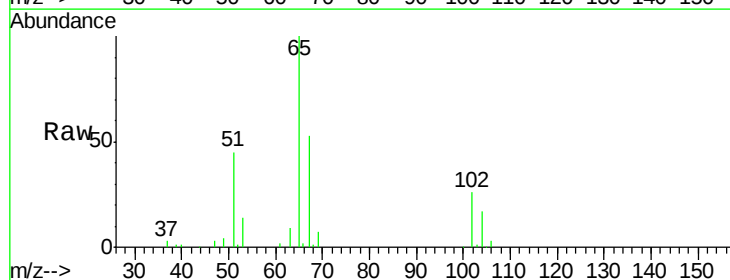
Acq: 8 Mar 2019 16:21

Tgt Ion: 65 Resp: 354144

Ion Ratio Lower Upper

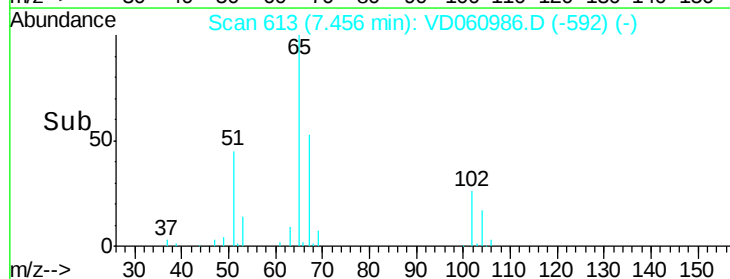
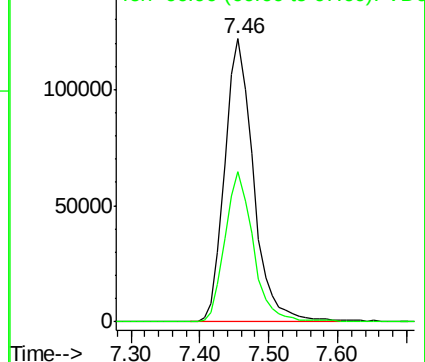
65 100

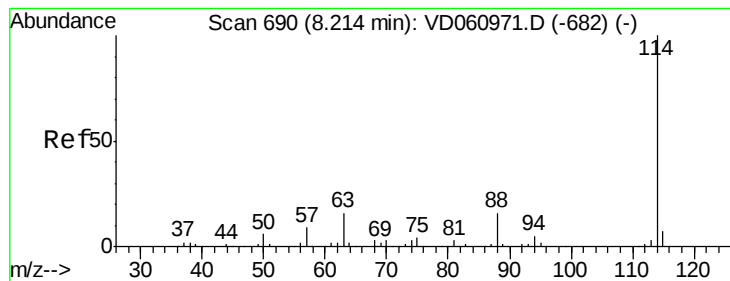
67 52.9 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD060986.D

Acq: 8 Mar 2019 16:21

Instrument :

MSVOA_D

ClientSampleId :

SOIL-B

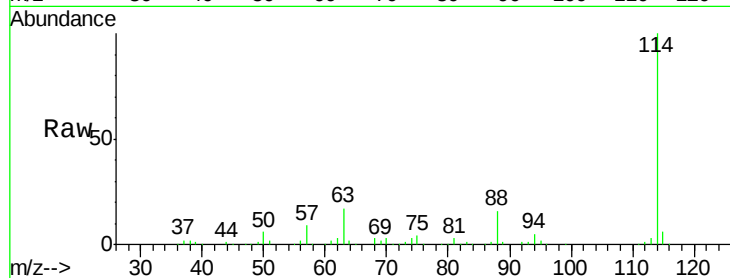
Tot Ion:114 Resp: 1417138

Ion Ratio Lower Upper

114 100

63 16.5 0.0 31.4

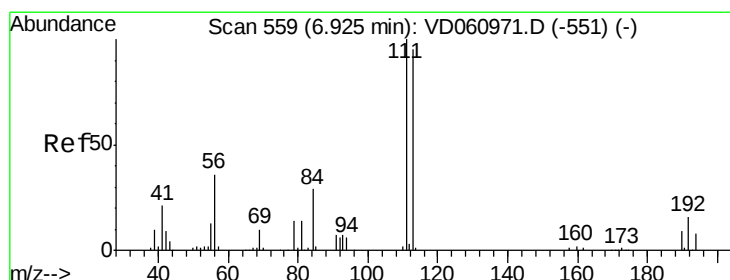
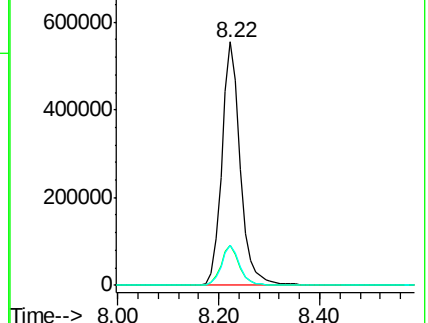
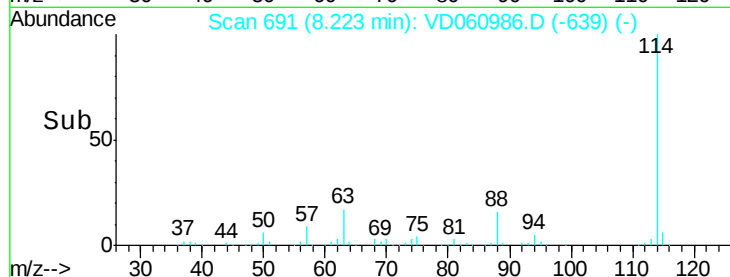
88 16.4 0.0 33.0



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: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD060986.D

Acq: 8 Mar 2019 16:21

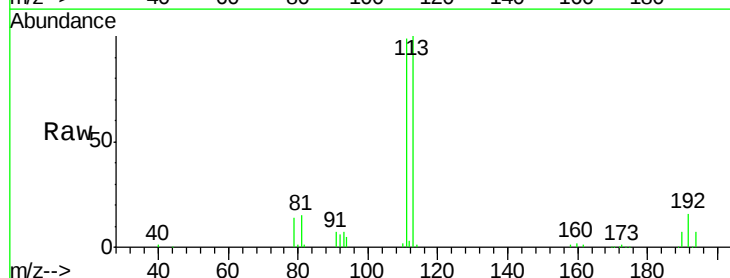
Tgt Ion:113 Resp: 570162

Ion Ratio Lower Upper

113 100

111 99.4 84.2 126.4

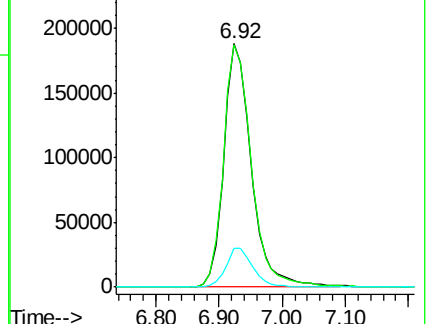
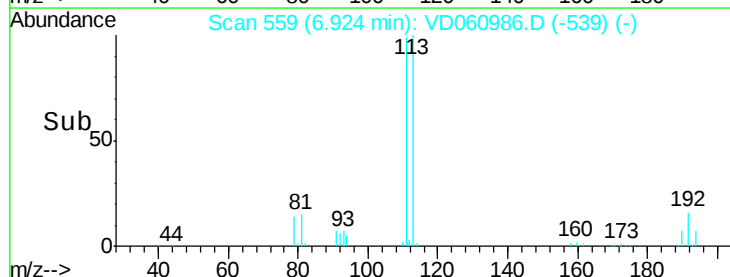
192 16.0 13.1 19.7

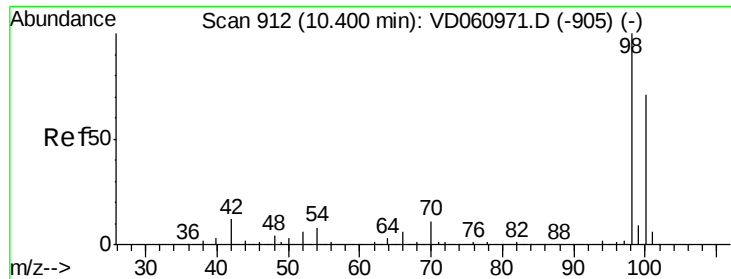


Abundance Ion 112.90 (112.60 to 113.60): V

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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD060986.D

Acq: 8 Mar 2019 16:21

Instrument :

MSVOA_D

ClientSampleId :

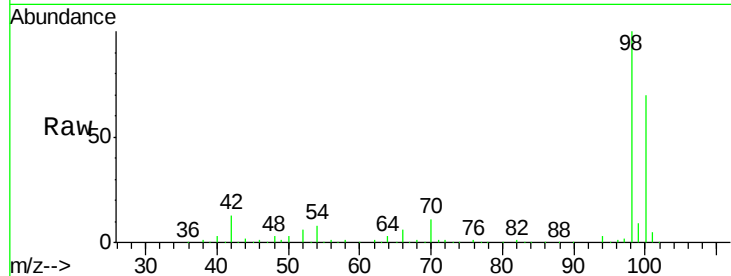
SOIL-B

Tot Ion: 98 Resp: 1358777

Ion Ratio Lower Upper

98 100

100 70.1 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.41

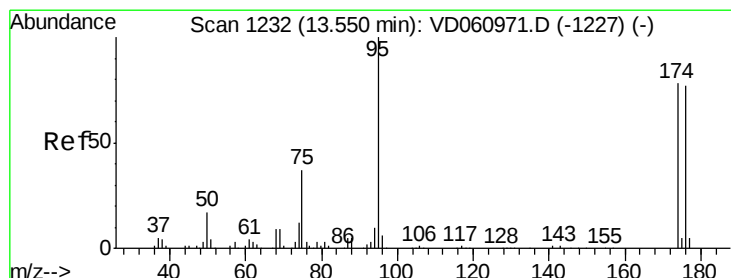
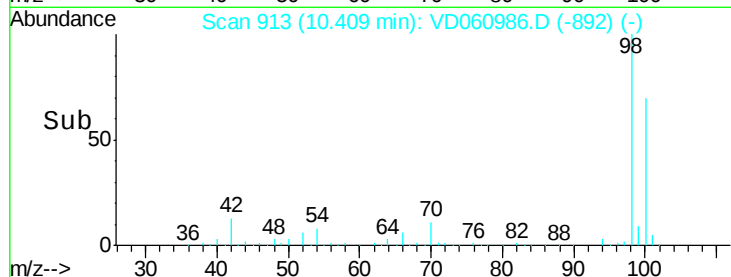
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD060986.D

Acq: 8 Mar 2019 16:21

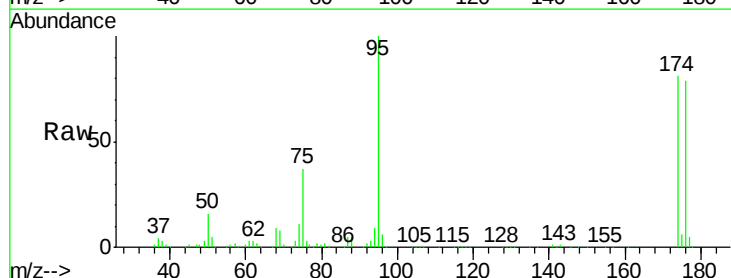
Tgt Ion: 95 Resp: 547443

Ion Ratio Lower Upper

95 100

174 80.8 0.0 155.6

176 78.6 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

500000

400000

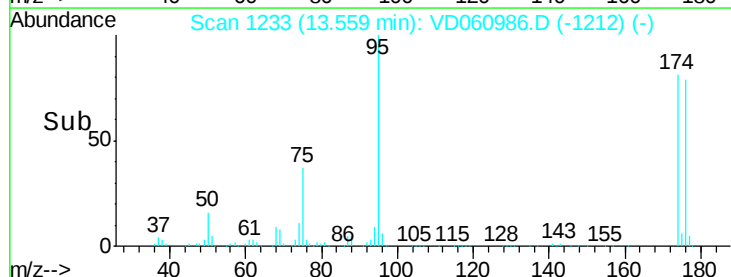
300000

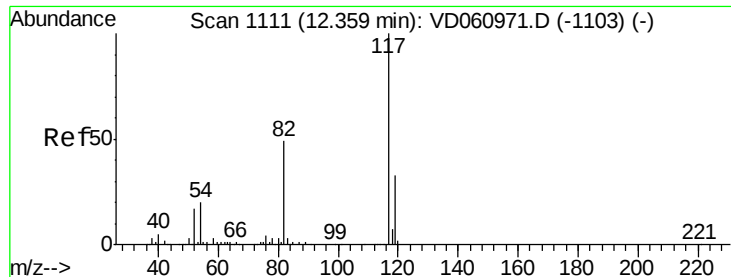
200000

100000

0

Time-->

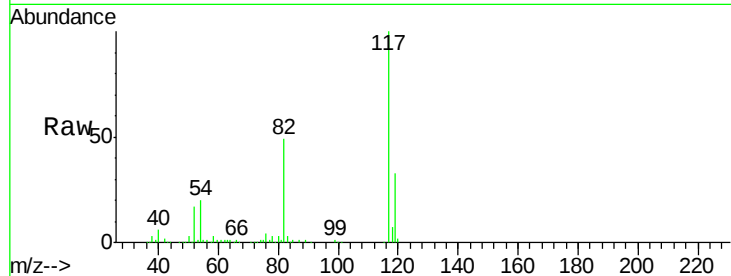




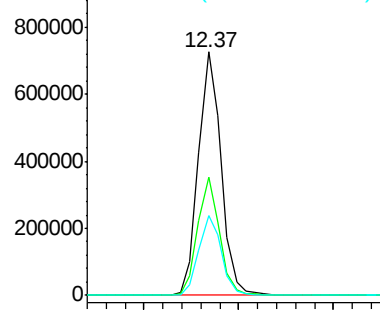
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060986.D
Acq: 8 Mar 2019 16:21

Instrument :
MSVOA_D
ClientSampleId :
SOIL-B

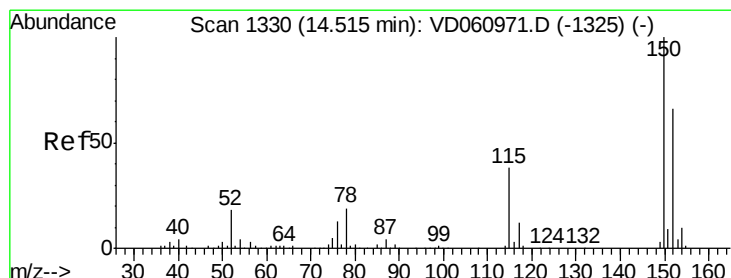
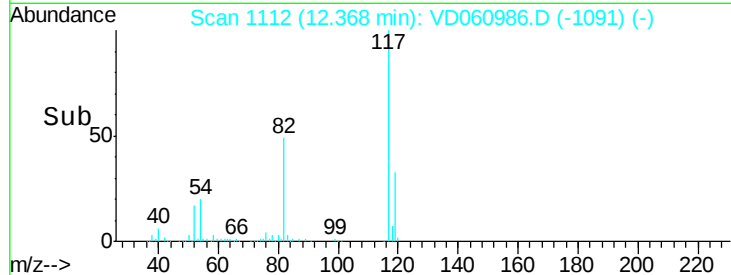
Tot Ion:117 Resp: 1204034
Ion Ratio Lower Upper
117 100
82 48.7 38.9 58.3
119 32.7 26.6 39.8



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

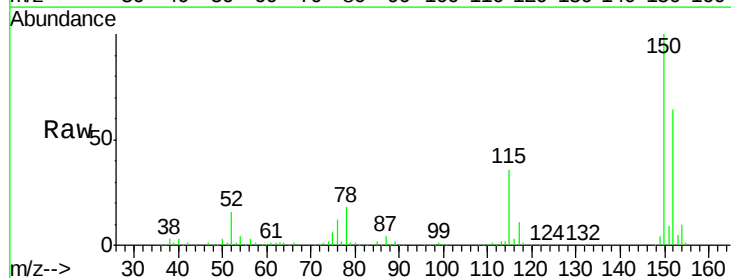


Time-->

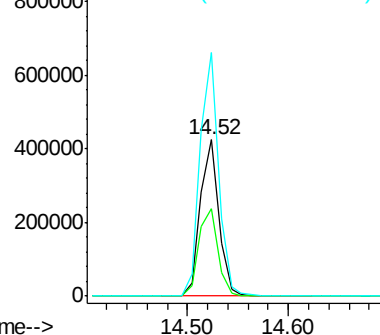


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD060986.D
Acq: 8 Mar 2019 16:21

Tgt Ion:152 Resp: 540018
Ion Ratio Lower Upper
152 100
115 55.8 28.6 85.9
150 156.0 0.0 310.6



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



Time-->

