

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060985.D
 Acq On : 8 Mar 2019 15:52
 Operator : VA/AP
 Sample : K1780-01
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-A

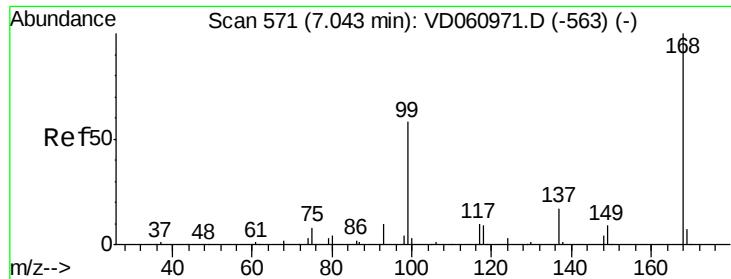
Quant Time: Mar 08 23:52:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	620239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1187208	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1075561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	563576	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	321043	62.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.36%	
35) Dibromofluoromethane	6.92	113	486575	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
50) Toluene-d8	10.41	98	1166759	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	13.55	95	500074	58.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.50%	

Target Compounds	Qvalue

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD060985.D

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Instrument :

MSVOA_D

ClientSampleId :

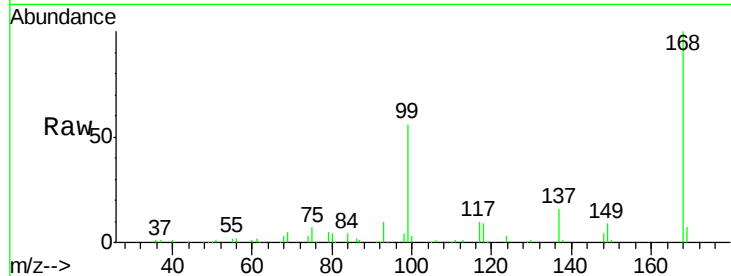
SOIL-A

Tot Ion:168 Resp: 620239

Ion Ratio Lower Upper

168 100

99 56.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

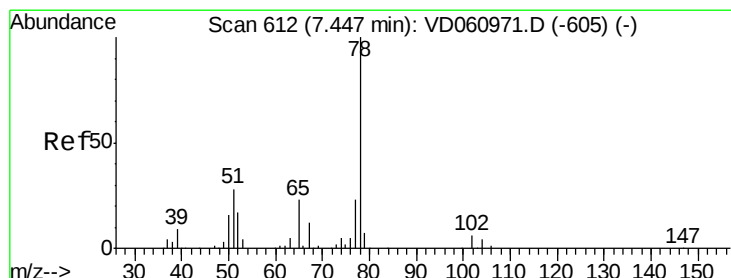
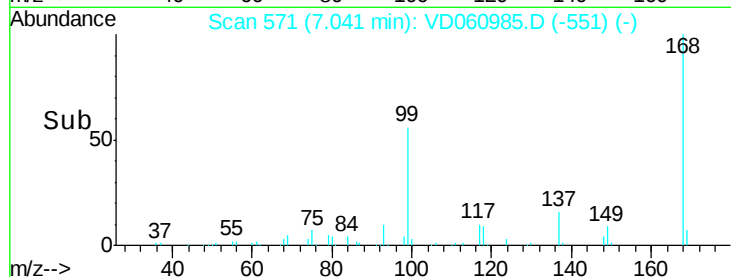
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD060985.D

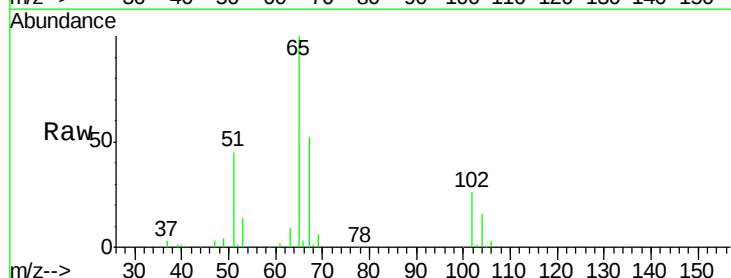
Acq: 8 Mar 2019 15:52

Tgt Ion: 65 Resp: 321043

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

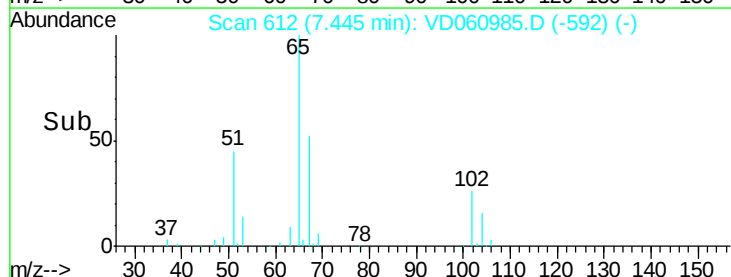
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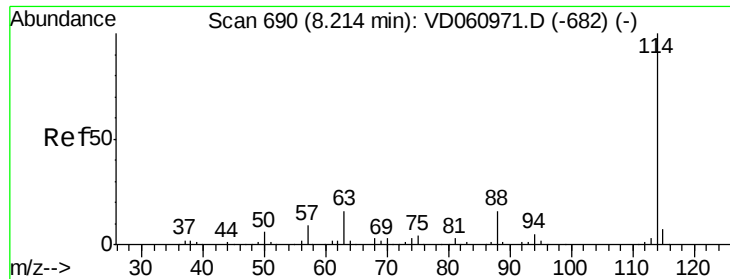
50000

0

7.30 7.40 7.50 7.60

Time-->

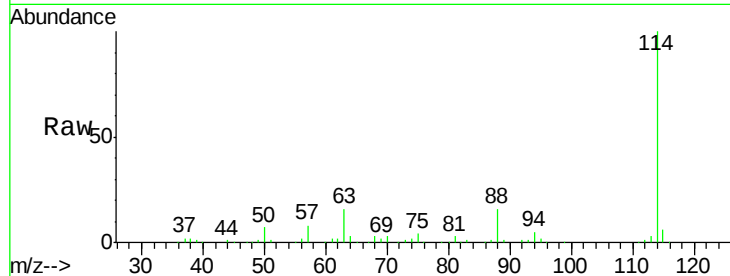




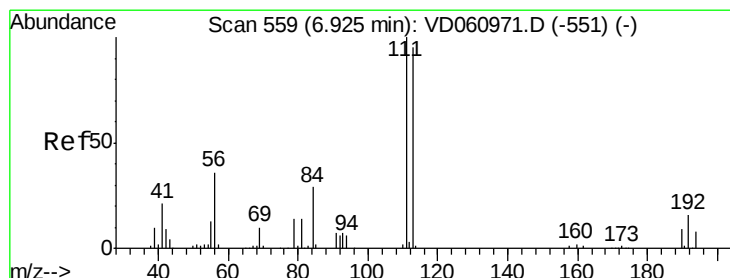
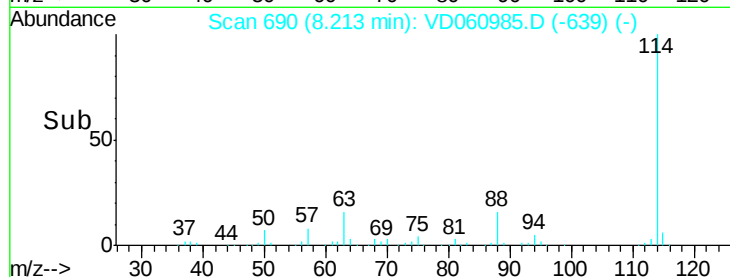
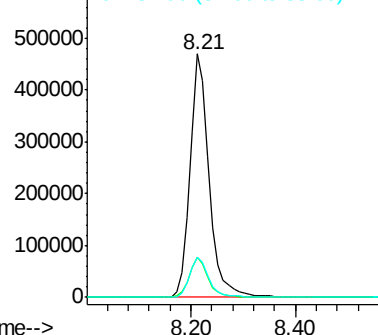
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD060985.D
 Acq: 8 Mar 2019 15:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-A

Tot Ion:114 Resp: 1187208
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.4
 88 16.3 0.0 33.0

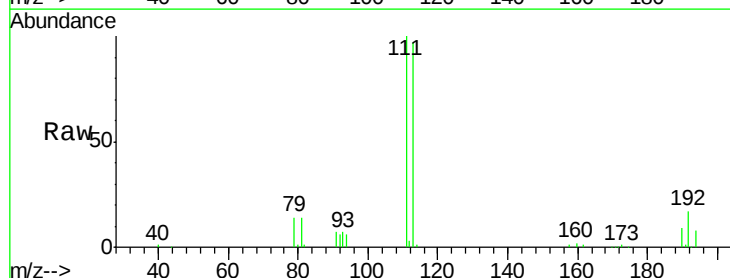


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

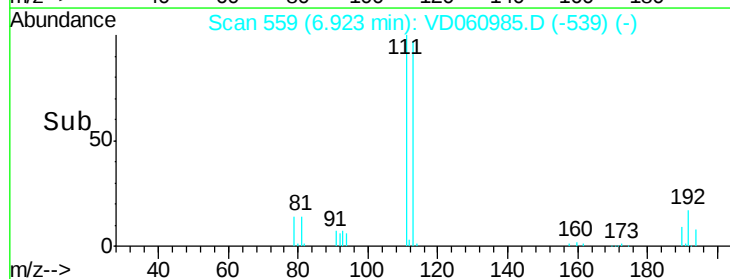
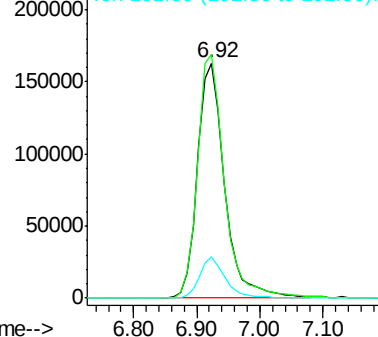


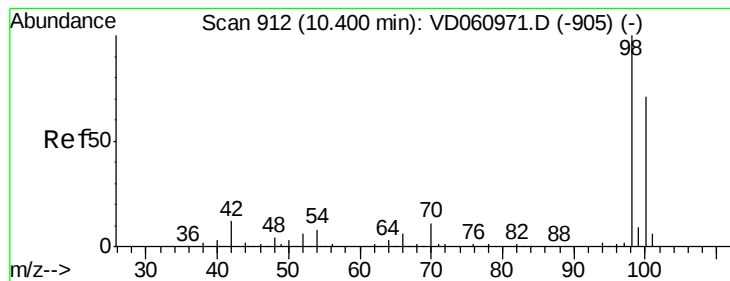
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD060985.D
 Acq: 8 Mar 2019 15:52

Tgt Ion:113 Resp: 486575
 Ion Ratio Lower Upper
 113 100
 111 103.5 84.2 126.4
 192 17.5 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: VD060985.D

Acq: 8 Mar 2019 15:52

Instrument :

MSVOA_D

ClientSampleId :

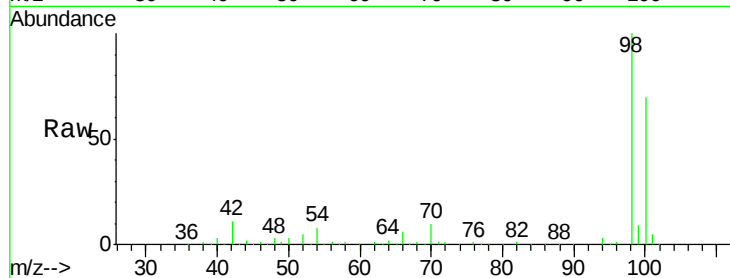
SOIL-A

Tot Ion: 98 Resp: 1166759

Ion Ratio Lower Upper

98 100

100 69.7 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) (-)

600000

500000

400000

300000

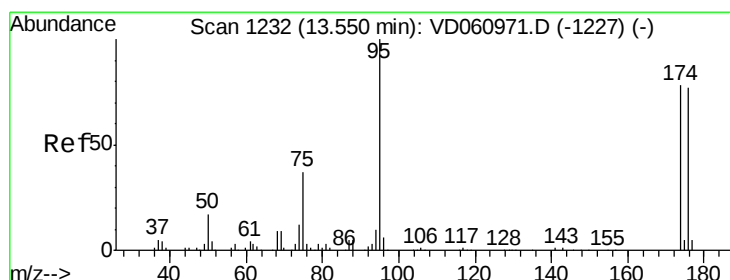
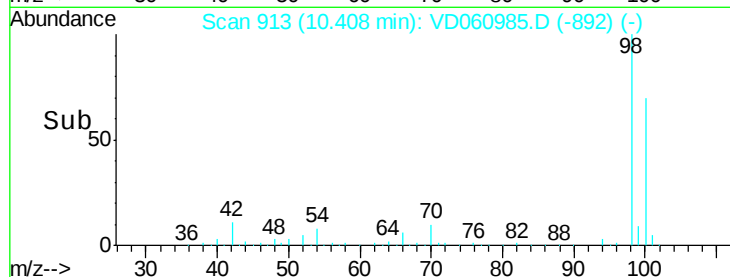
200000

100000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD060985.D

Acq: 8 Mar 2019 15:52

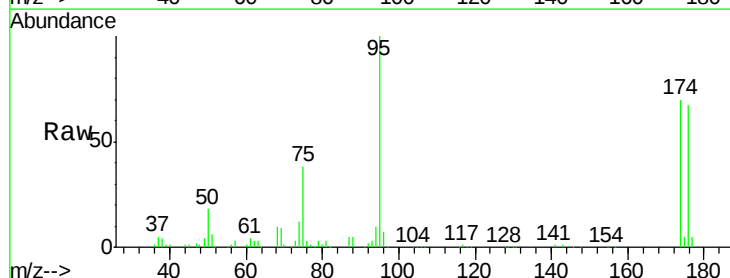
Tgt Ion: 95 Resp: 500074

Ion Ratio Lower Upper

95 100

174 69.8 0.0 155.6

176 67.3 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) (-)

400000

300000

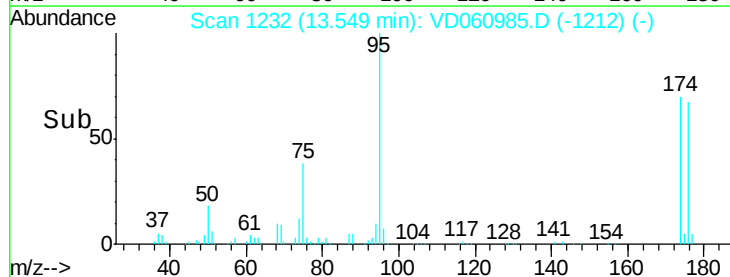
200000

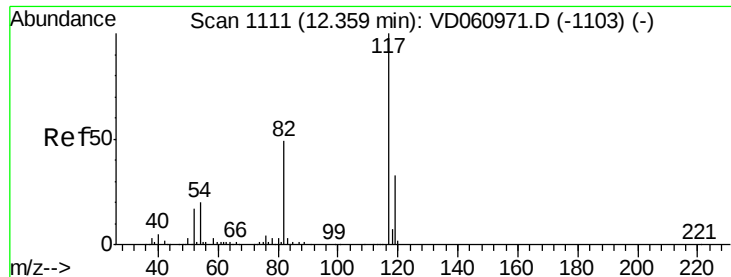
100000

0

13.50 13.60 13.70

Time-->

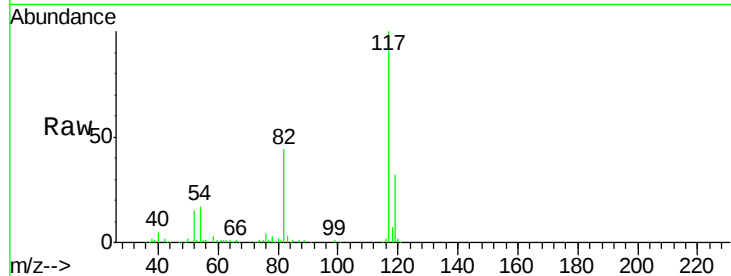




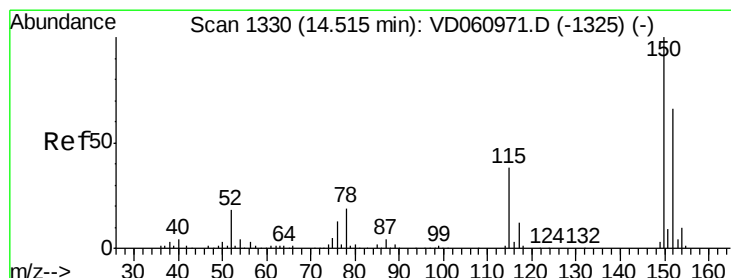
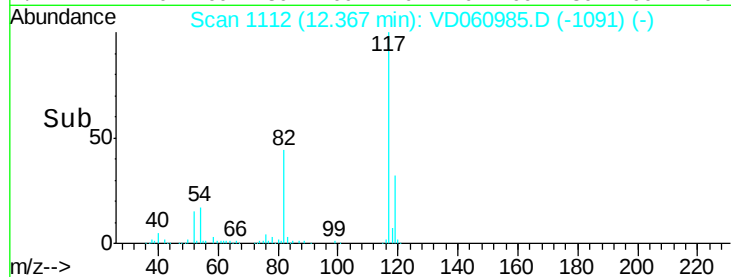
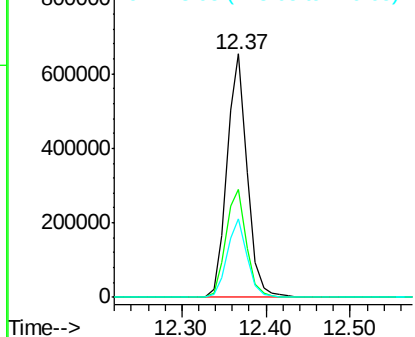
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060985.D
Acq: 8 Mar 2019 15:52

Instrument :
MSVOA_D
ClientSampleId :
SOIL-A

Tot Ion:117 Resp: 1075561
Ion Ratio Lower Upper
117 100
82 44.2 38.9 58.3
119 32.3 26.6 39.8

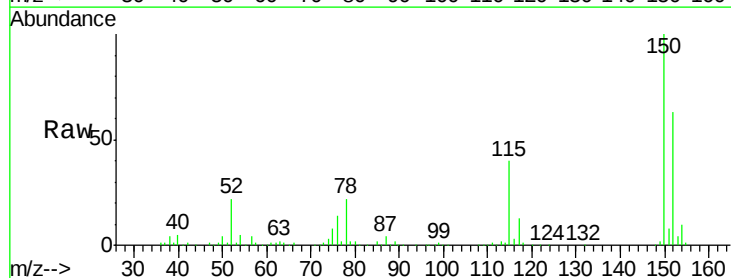


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD060985.D
Acq: 8 Mar 2019 15:52

Tgt Ion:152 Resp: 563576
Ion Ratio Lower Upper
152 100
115 62.8 28.6 85.9
150 158.3 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

