

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061124.D
 Acq On : 16 Mar 2019 23:53
 Operator : VA/AP
 Sample : VD0316SBL02
 Misc : 6.00g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 18 04:52:22 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	534271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	984204	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	831692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	385592	50.00	ug/l	0.00

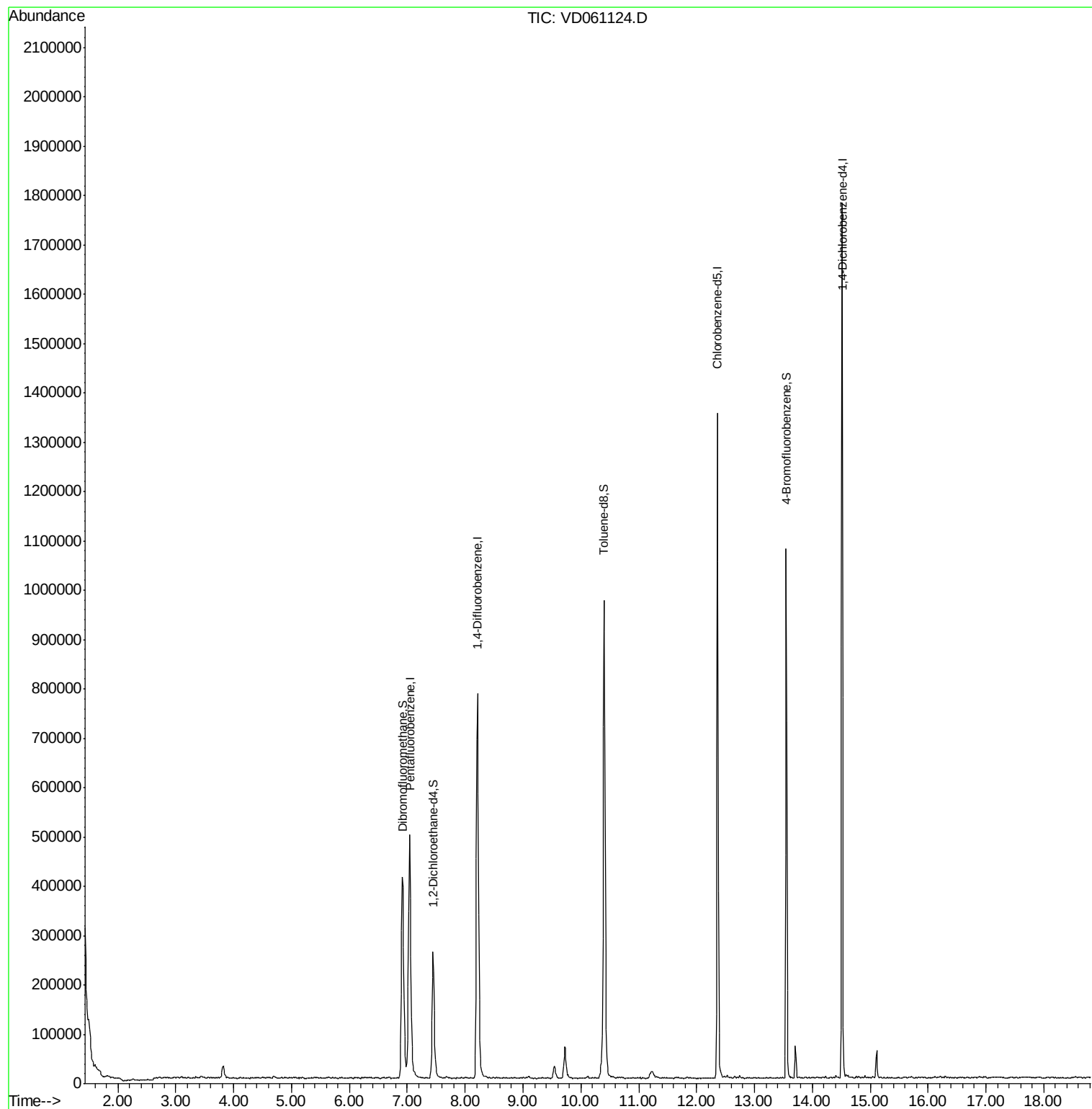
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	241582	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
35) Dibromofluoromethane	6.91	113	391776	53.64	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.28%	
50) Toluene-d8	10.40	98	905612	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	13.55	95	336163	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	

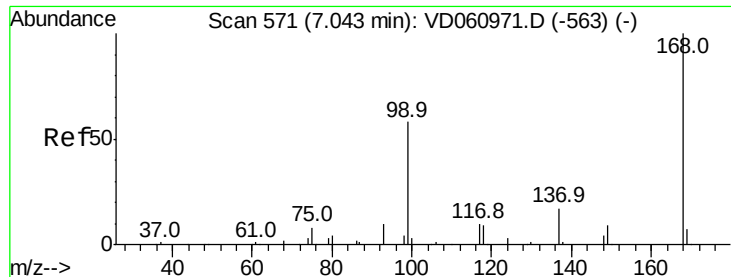
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061124.D

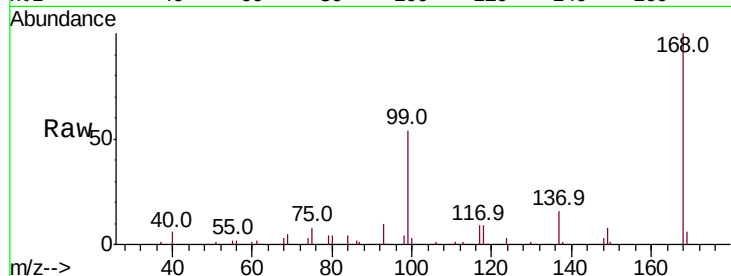
Acq: 16 Mar 2019 23:53

Tot Ion:168 Resp: 534271

Ion Ratio Lower Upper

168 100

99 53.5 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

200000

150000

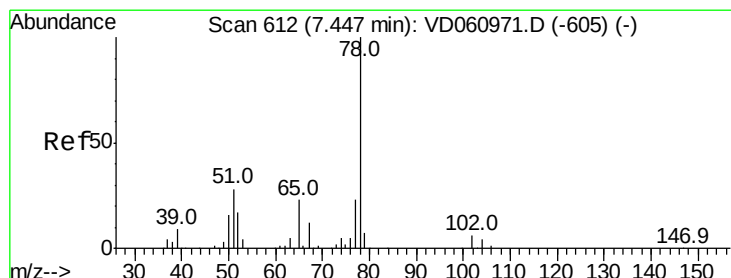
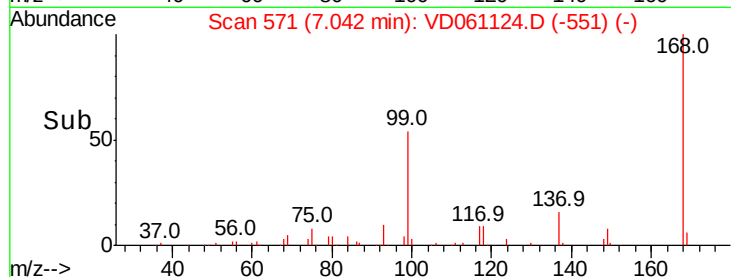
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061124.D

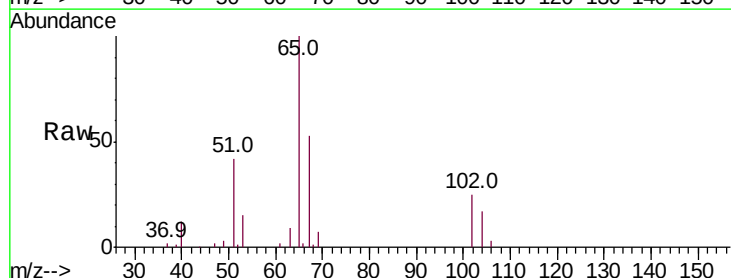
Acq: 16 Mar 2019 23:53

Tgt Ion: 65 Resp: 241582

Ion Ratio Lower Upper

65 100

67 52.5 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

100000

80000

60000

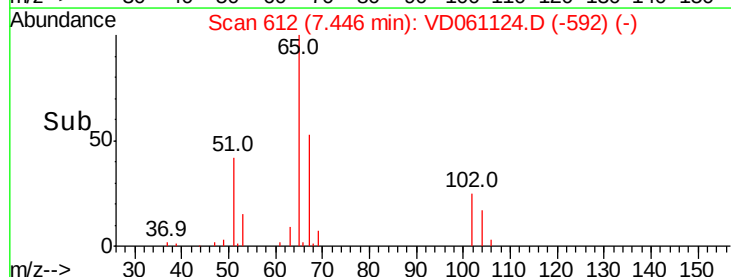
40000

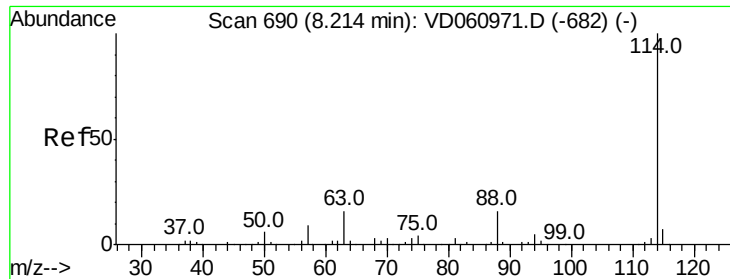
20000

0

Time-->

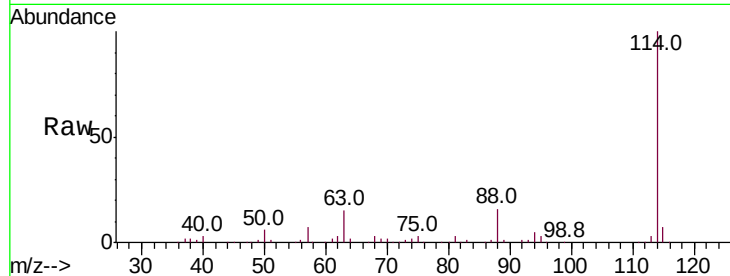
7.30 7.40 7.50 7.60



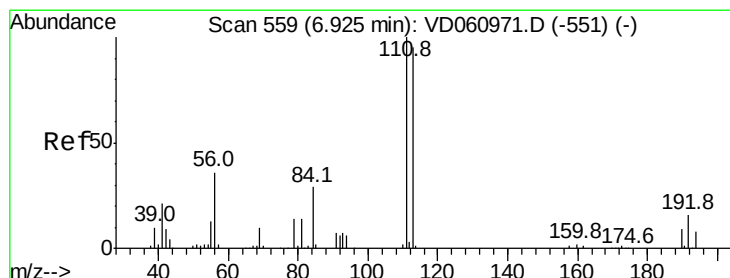
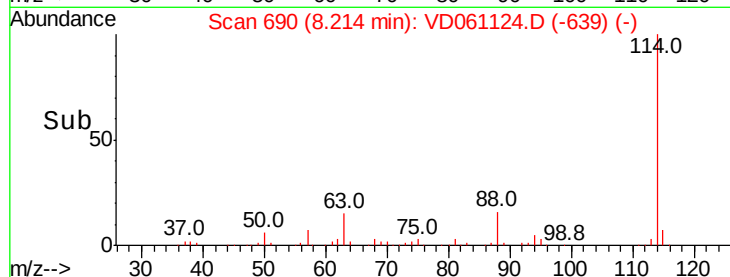
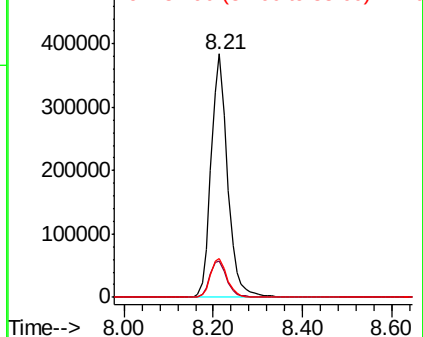


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061124.D
 Acq: 16 Mar 2019 23:53

Tot Ion:114 Resp: 984204
 Ion Ratio Lower Upper
 114 100
 63 15.0 0.0 31.4
 88 16.0 0.0 33.0

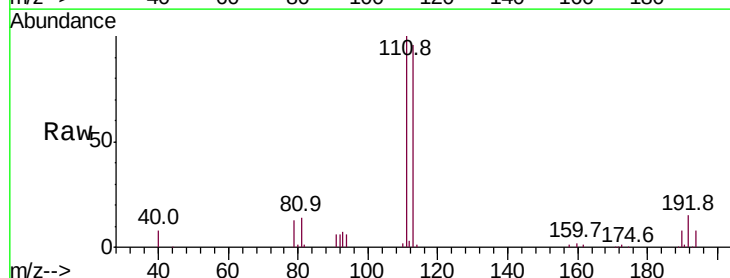


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

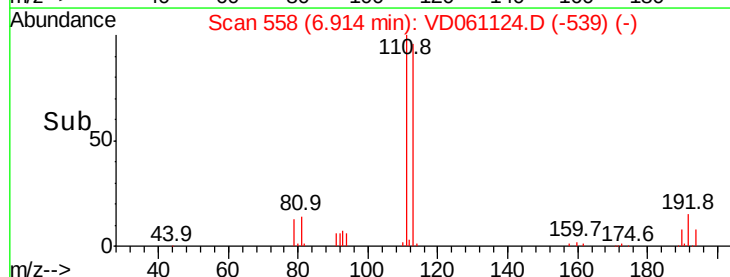
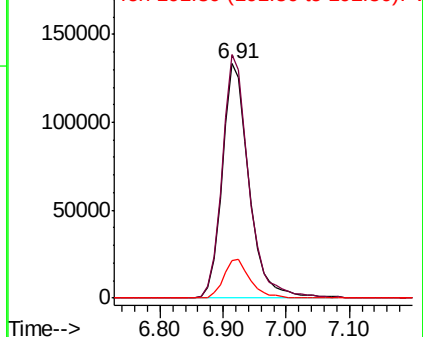


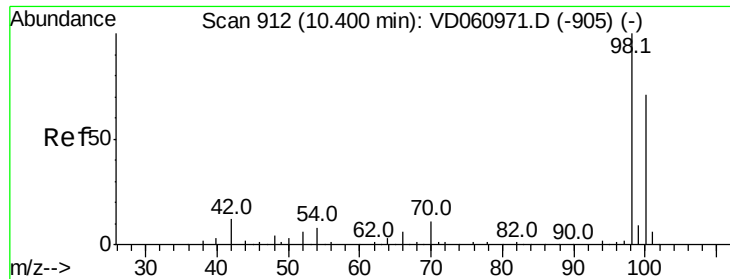
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061124.D
 Acq: 16 Mar 2019 23:53

Tgt Ion:113 Resp: 391776
 Ion Ratio Lower Upper
 113 100
 111 103.8 84.2 126.4
 192 16.1 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: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061124.D

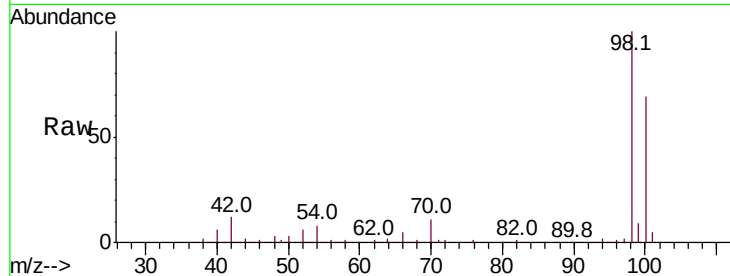
Acq: 16 Mar 2019 23:53

Tot Ion: 98 Resp: 905612

Ion Ratio Lower Upper

98 100

100 69.3 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) (-)

10.40

400000

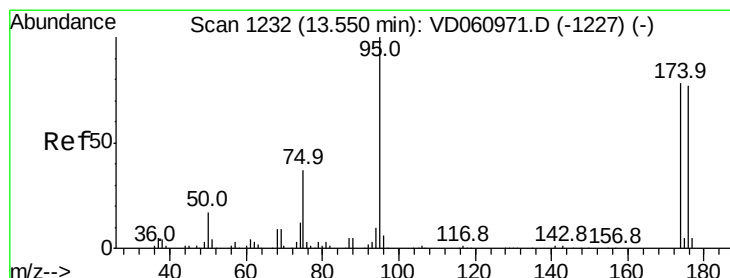
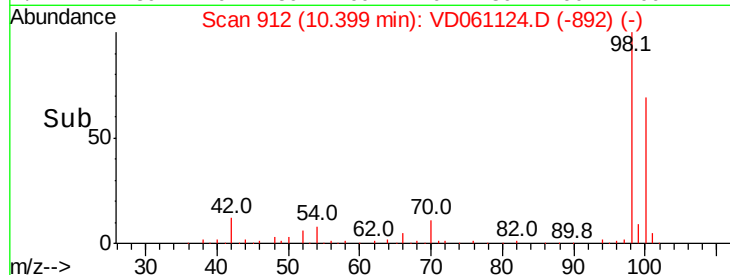
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061124.D

Acq: 16 Mar 2019 23:53

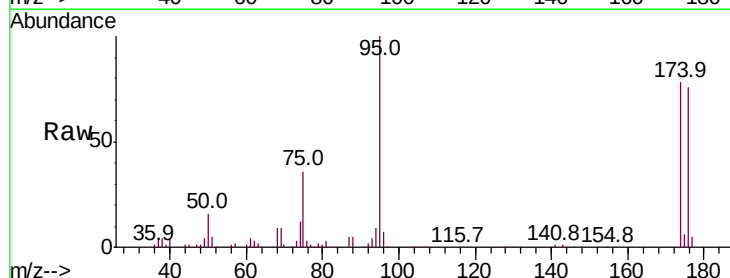
Tgt Ion: 95 Resp: 336163

Ion Ratio Lower Upper

95 100

174 77.6 0.0 155.6

176 76.3 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) (-)

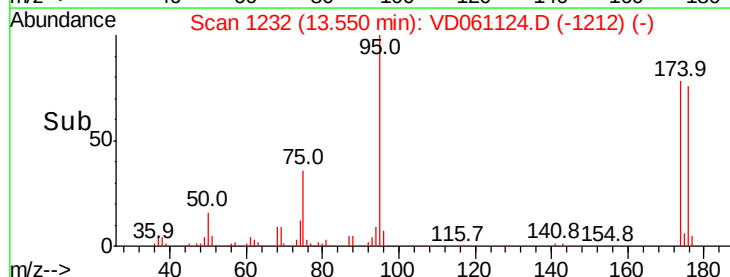
300000

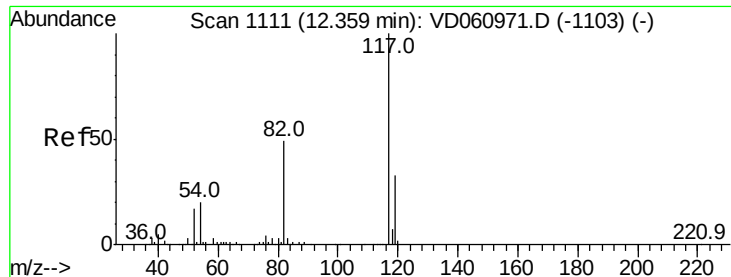
200000

100000

0

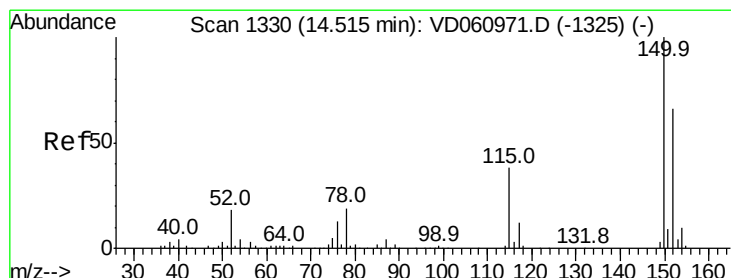
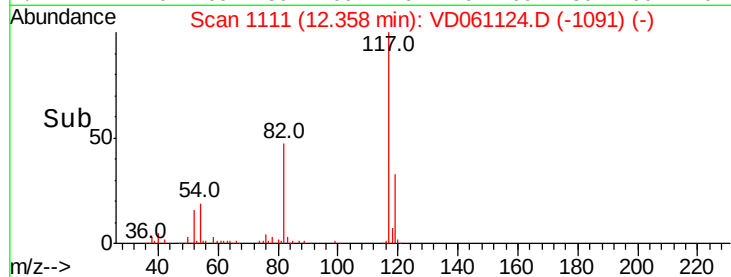
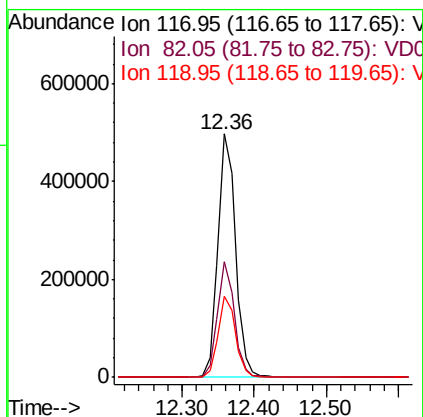
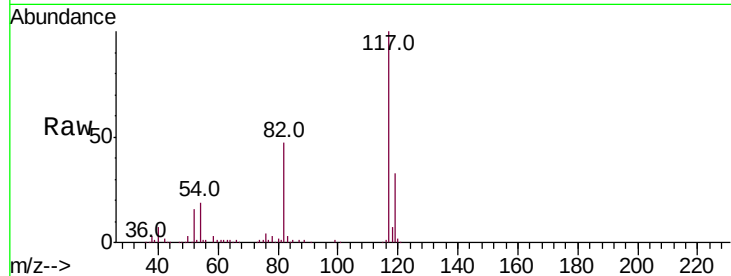
Time-->





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061124.D
Acq: 16 Mar 2019 23:53

Tot Ion:117 Resp: 831692
Ion Ratio Lower Upper
117 100
82 47.3 38.9 58.3
119 33.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061124.D
Acq: 16 Mar 2019 23:53

Tgt Ion:152 Resp: 385592
Ion Ratio Lower Upper
152 100
115 57.4 28.6 85.9
150 157.7 0.0 310.6

