

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061103.D
 Acq On : 16 Mar 2019 12:13
 Operator : VA/AP
 Sample : VD0316SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 18 02:49:02 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	7.06	168	776282	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1221798	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	912790	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	481190	50.00	ug/l	0.00

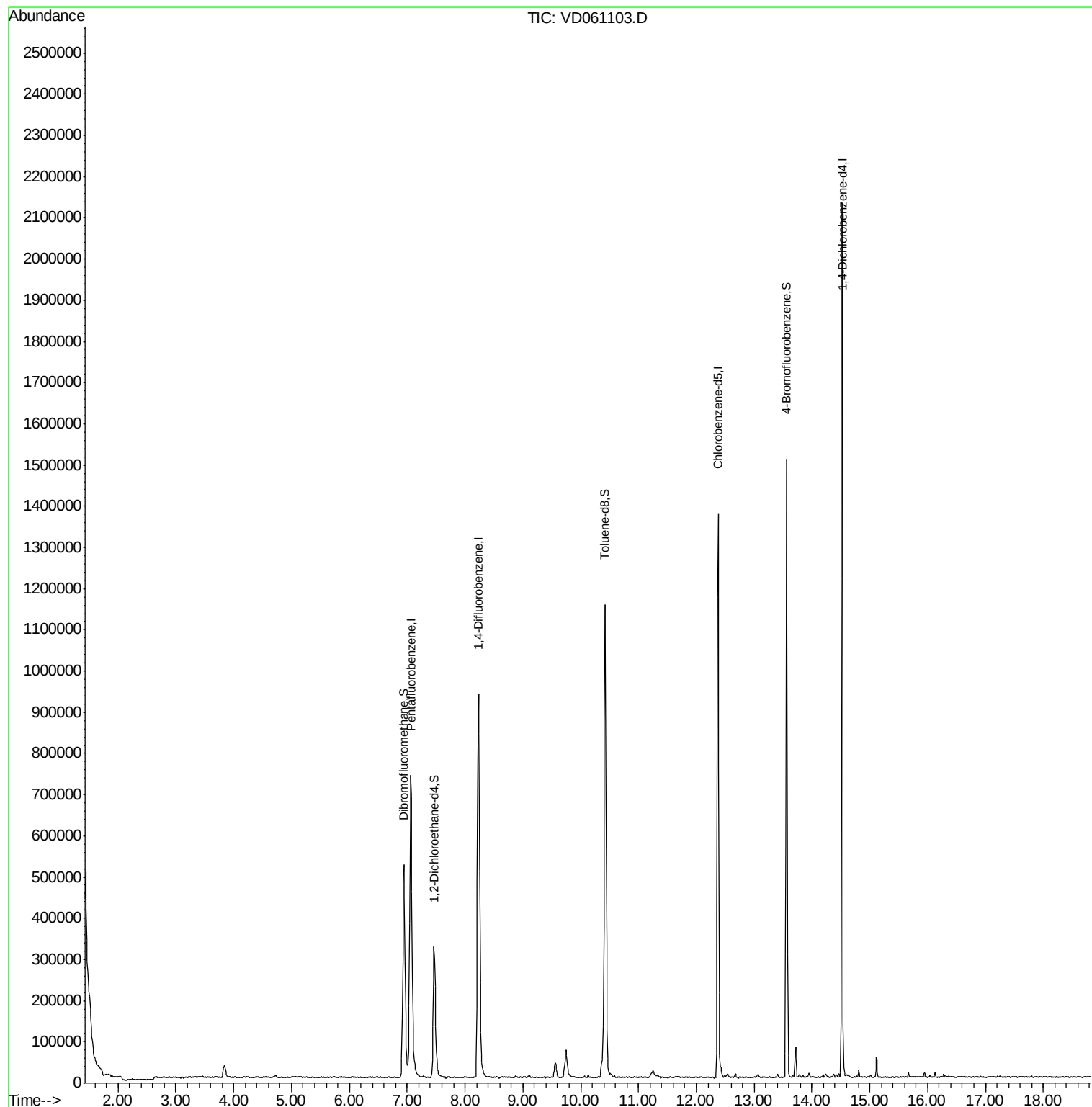
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	308452	47.74	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.48%	
35) Dibromofluoromethane	6.94	113	508842	56.12	ug/l	0.02
Spiked Amount	50.000		Recovery	=	112.24%	
50) Toluene-d8	10.42	98	1110661	48.78	ug/l	0.02
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	13.56	95	491845	55.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.34%	

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061103.D

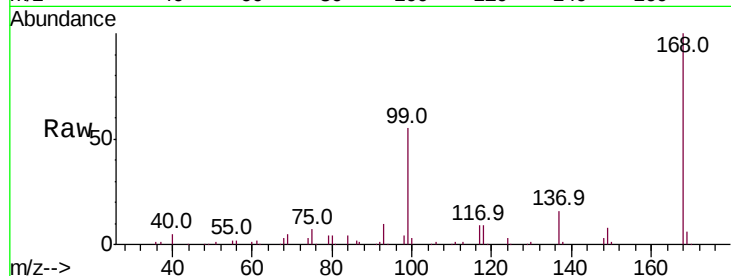
Acq: 16 Mar 2019 12:13

Tot Ion:168 Resp: 776282

Ion Ratio Lower Upper

168 100

99 55.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

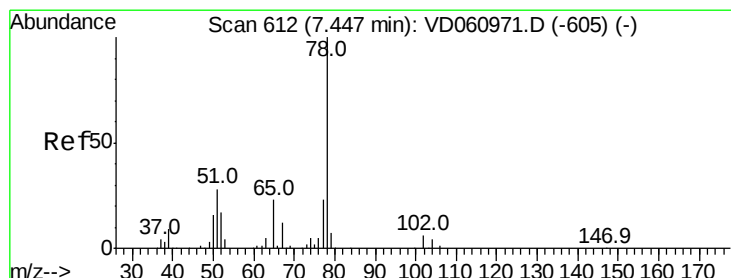
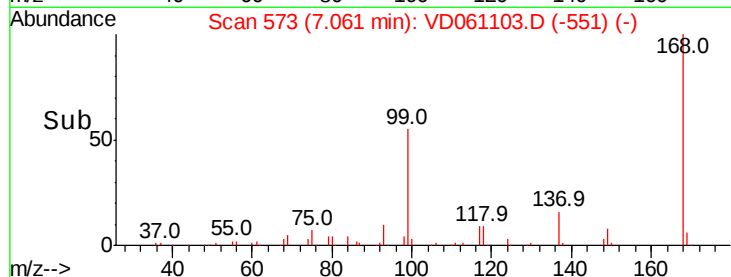
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061103.D

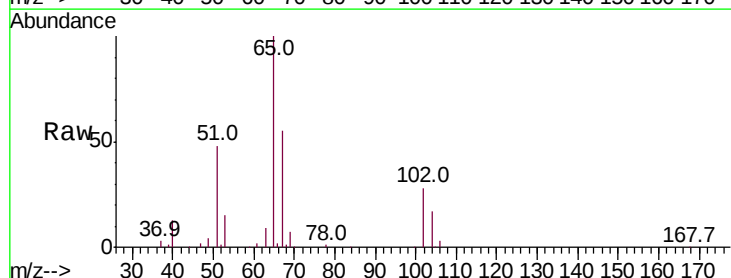
Acq: 16 Mar 2019 12:13

Tgt Ion: 65 Resp: 308452

Ion Ratio Lower Upper

65 100

67 54.5 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

120000

100000

80000

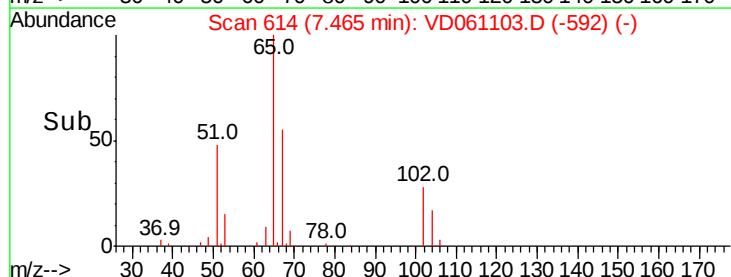
60000

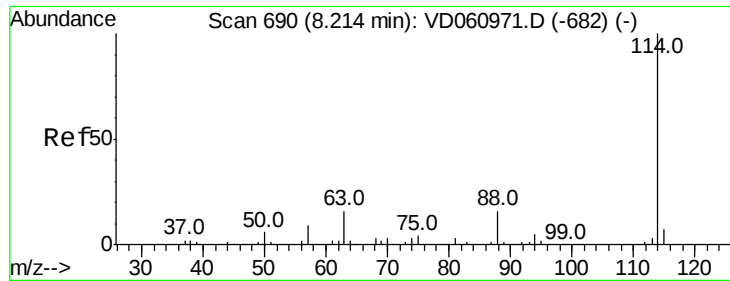
40000

20000

0

Time--> 7.30 7.40 7.50 7.60

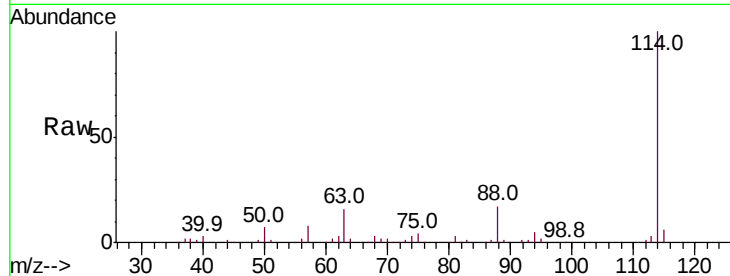




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061103.D
 Acq: 16 Mar 2019 12:13

Tot Ion:114 Resp: 1221798

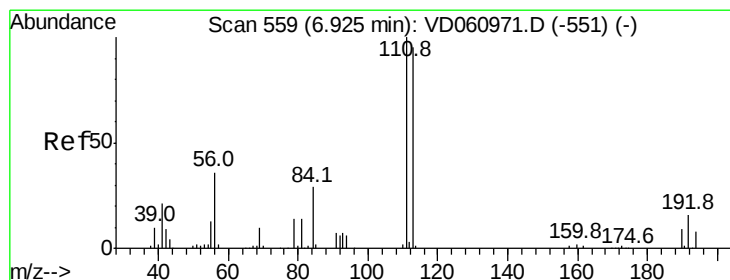
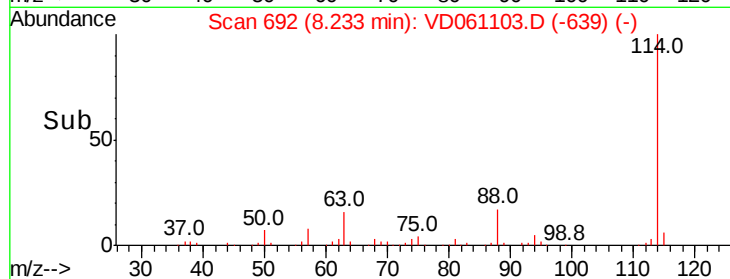
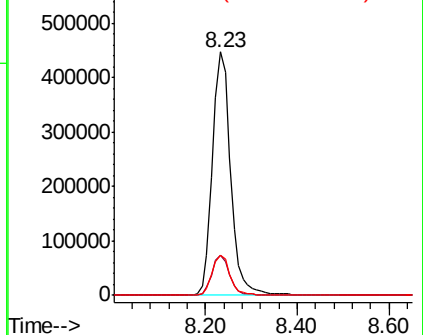
Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	31.4
88	16.5	0.0	33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

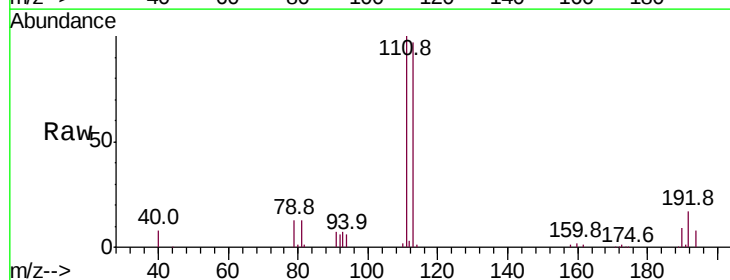
Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061103.D
 Acq: 16 Mar 2019 12:13

Tgt Ion:113 Resp: 508842

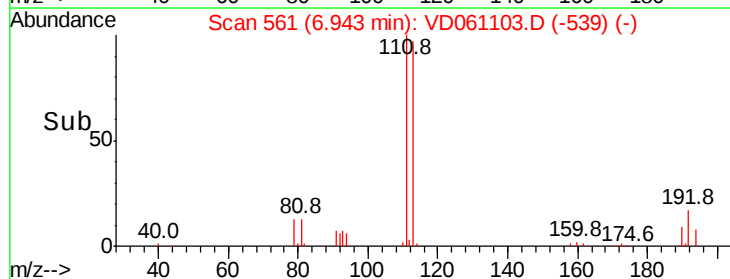
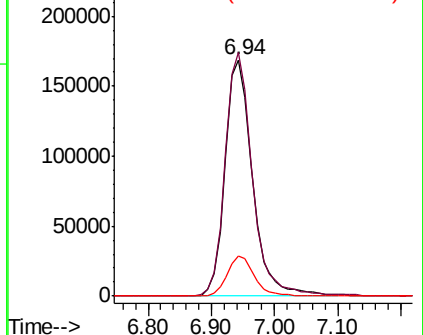
Ion	Ratio	Lower	Upper
113	100		
111	103.0	84.2	126.4
192	17.2	13.1	19.7

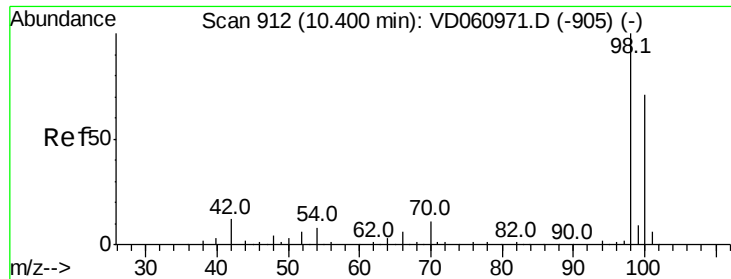


Abundance Ion 112.90 (112.60 to 113.60): V

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: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061103.D

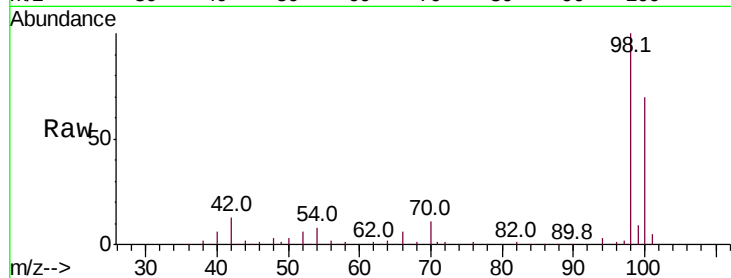
Acq: 16 Mar 2019 12:13

Tot Ion: 98 Resp: 1110661

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) (-)

10.42

400000

300000

200000

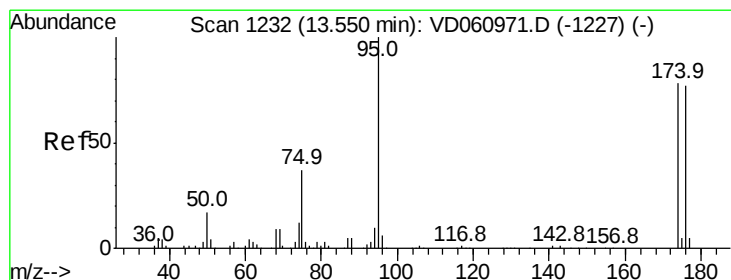
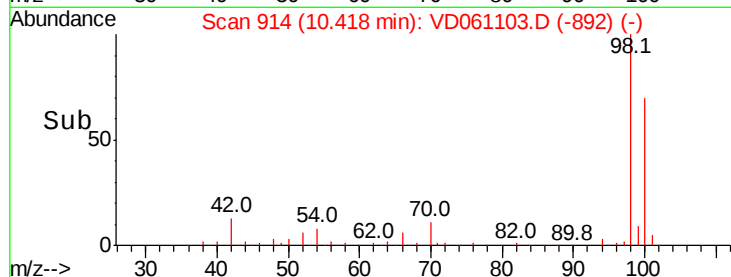
100000

0

Time-->

10.40

10.60



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061103.D

Acq: 16 Mar 2019 12:13

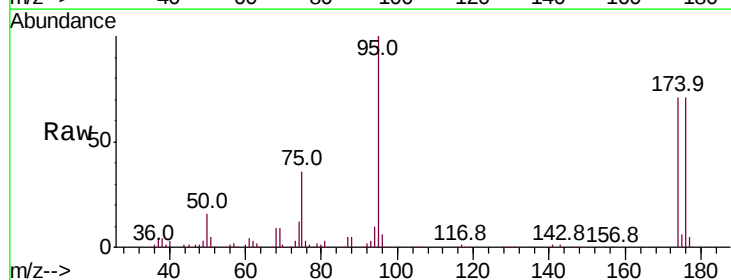
Tgt Ion: 95 Resp: 491845

Ion Ratio Lower Upper

95 100

174 70.8 0.0 155.6

176 70.6 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) (-)

400000

300000

200000

100000

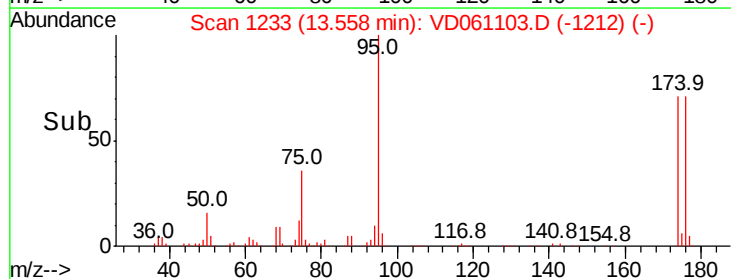
0

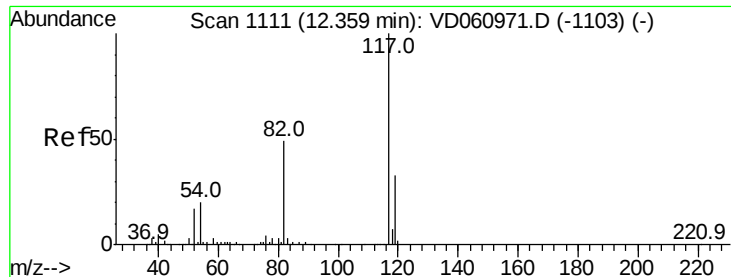
Time-->

13.50

13.60

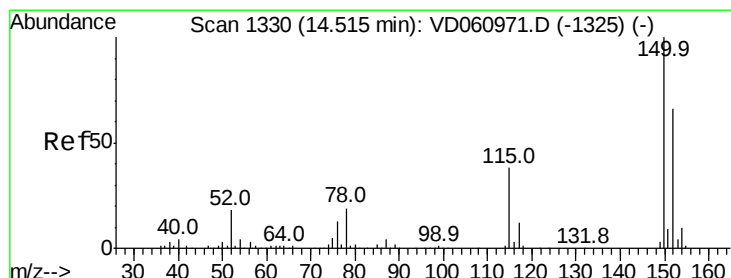
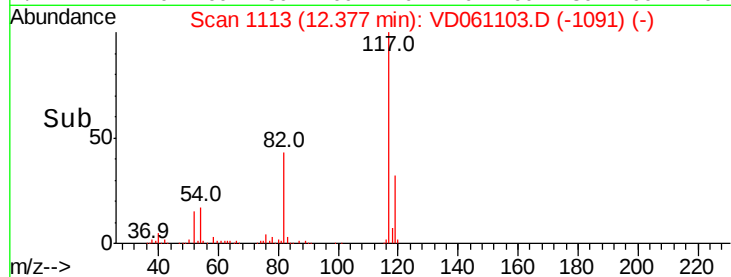
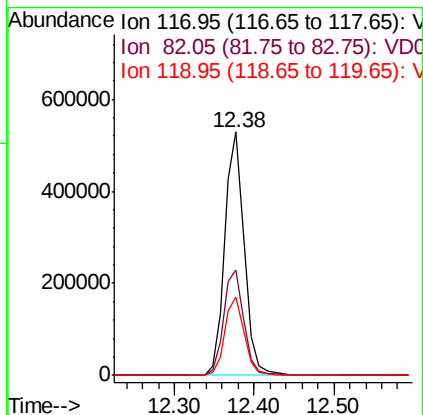
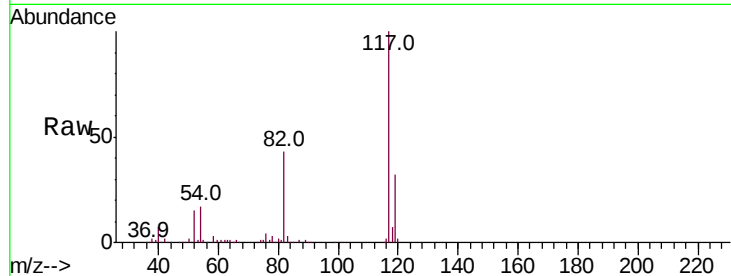
13.70





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061103.D
Acq: 16 Mar 2019 12:13

Tot Ion	Ratio	Lower	Upper
117	100		
82	43.3	38.9	58.3
119	32.4	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061103.D
Acq: 16 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.6	85.9
150	157.1	0.0	310.6

