

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061224.D
 Acq On : 21 Mar 2019 00:29
 Operator : VA/AP
 Sample : VD0320SBL02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0320SBL02

Quant Time: Mar 22 03:42:16 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	574306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1042625	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	821528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	354769	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	247244	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	6.92	113	424736	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
50) Toluene-d8	10.40	98	938641	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	13.55	95	373591	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

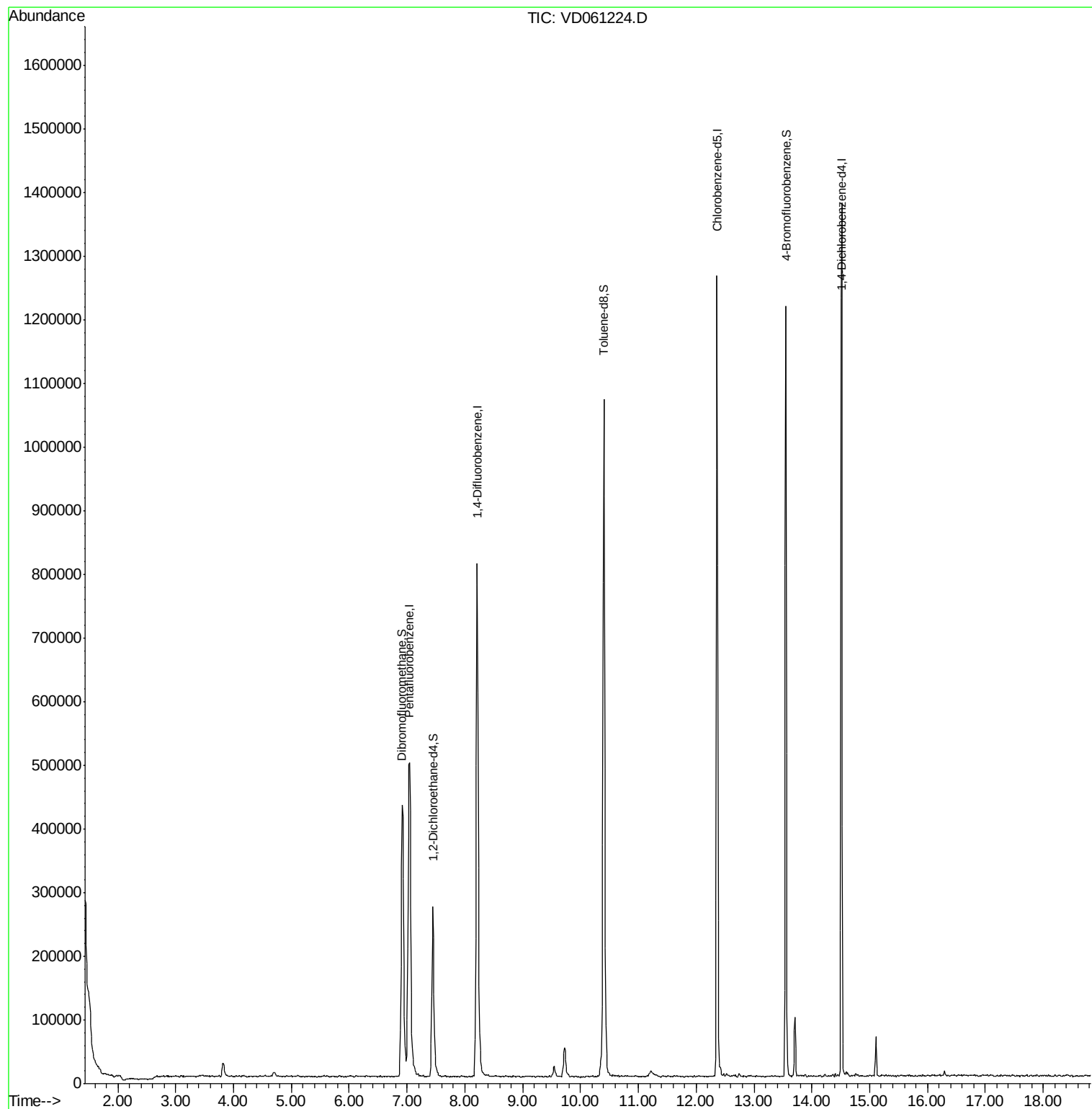
Target Compounds	Qvalue

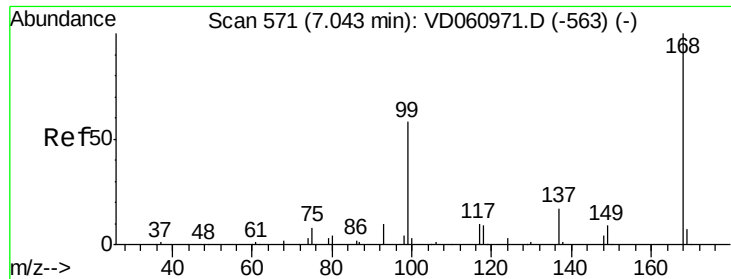
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061224.D

Acq: 21 Mar 2019 00:29

Instrument :

MSVOA_D

ClientSampleId :

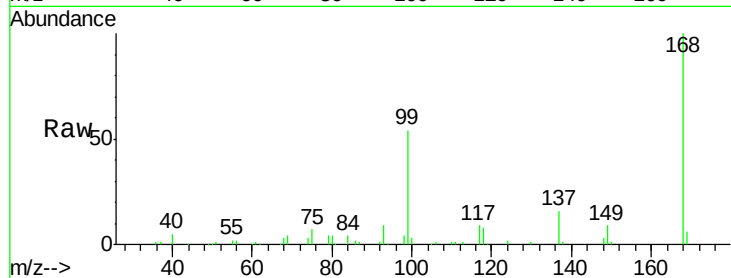
VD0320SBL02

Tot Ion:168 Resp: 574306

Ion Ratio Lower Upper

168 100

99 53.8 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

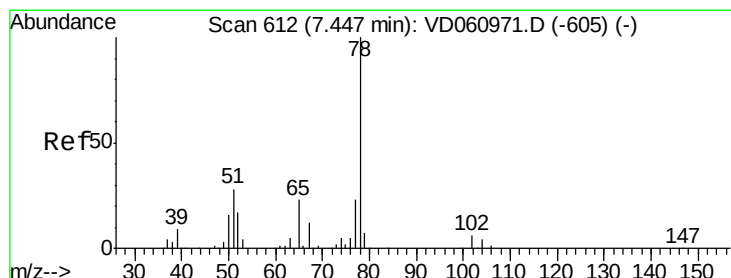
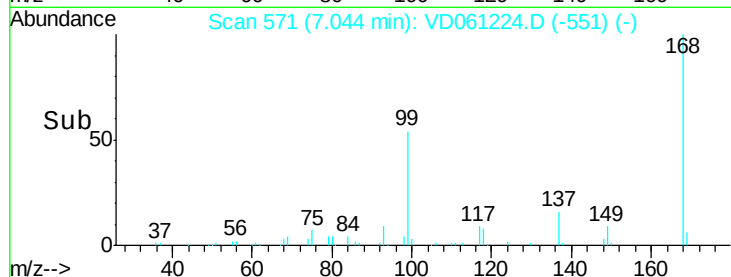
100000

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: VD061224.D

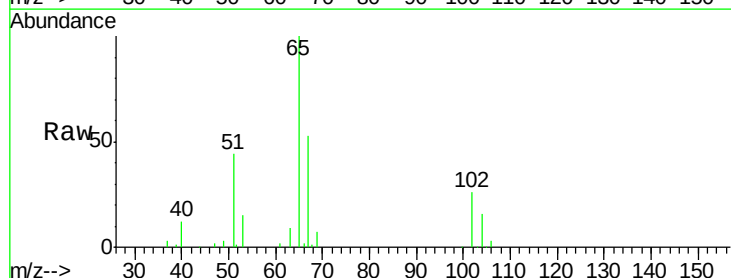
Acq: 21 Mar 2019 00:29

Tgt Ion: 65 Resp: 247244

Ion Ratio Lower Upper

65 100

67 53.2 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

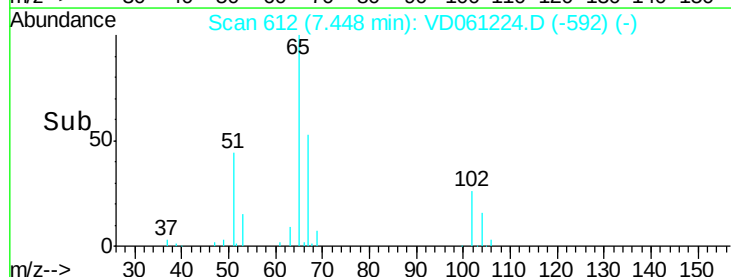
40000

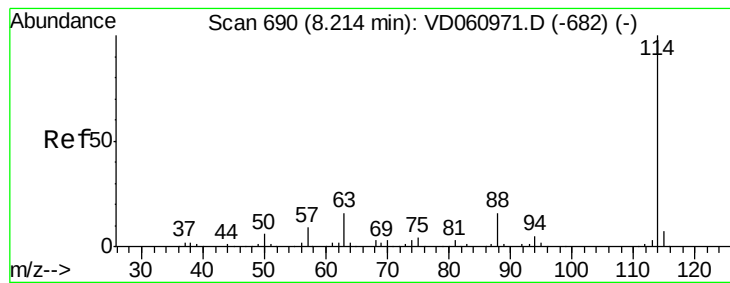
20000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD061224.D

Acq: 21 Mar 2019 00:29

Instrument :

MSVOA_D

ClientSampleId :

VD0320SBL02

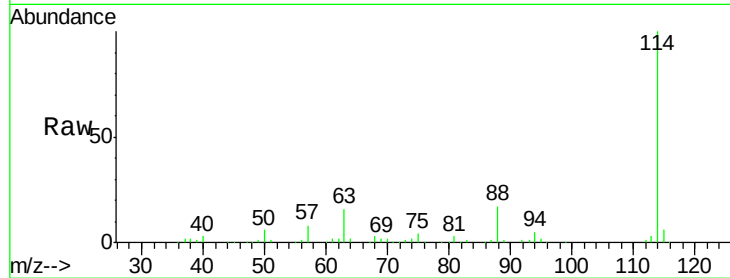
Tot Ion:114 Resp: 1042625

Ion Ratio Lower Upper

114 100

63 15.6 0.0 31.4

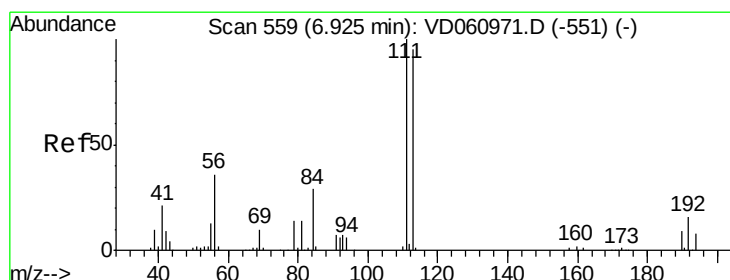
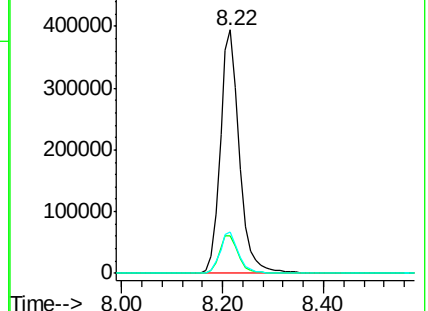
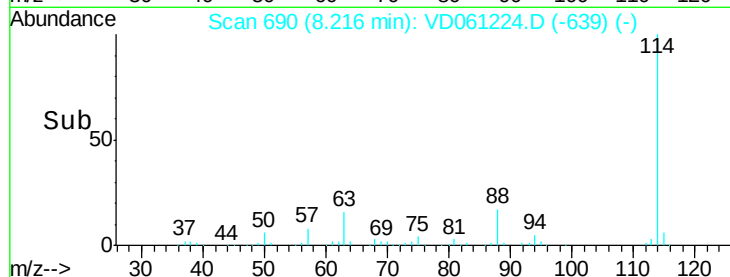
88 16.8 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061224.D

Acq: 21 Mar 2019 00:29

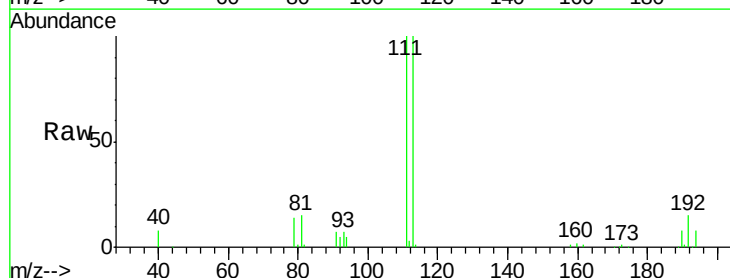
Tgt Ion:113 Resp: 424736

Ion Ratio Lower Upper

113 100

111 99.6 84.2 126.4

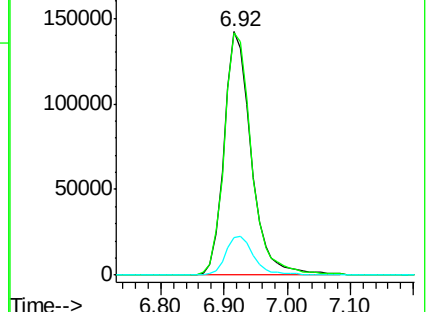
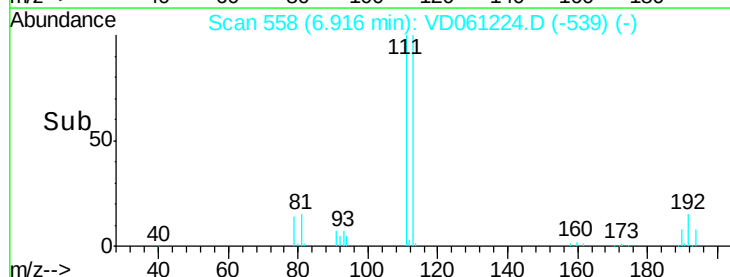
192 15.3 13.1 19.7

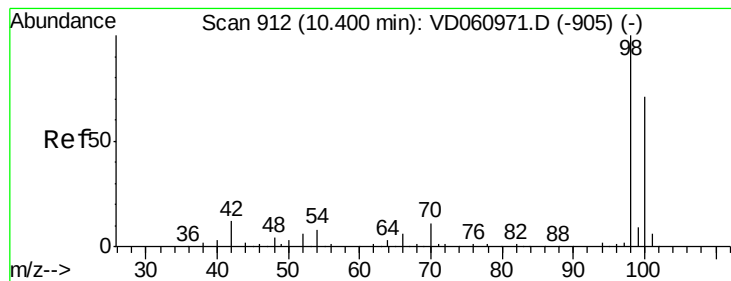


Abundance Ion 112.90 (112.60 to 113.60): V

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: VD061224.D

Acq: 21 Mar 2019 00:29

Instrument :

MSVOA_D

ClientSampleId :

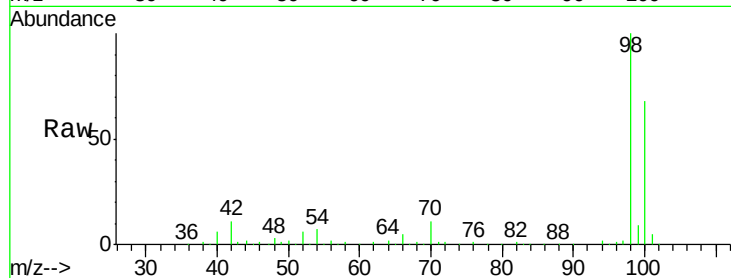
VD0320SBL02

Tot Ion: 98 Resp: 938641

Ion Ratio Lower Upper

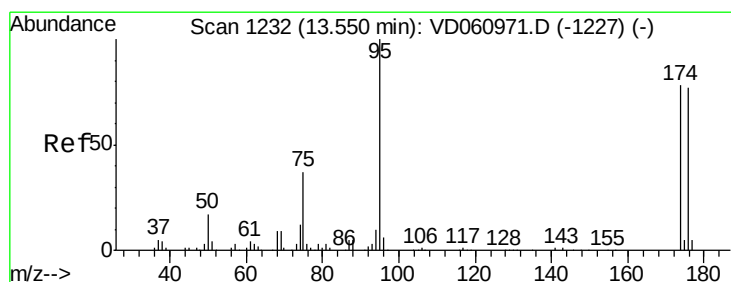
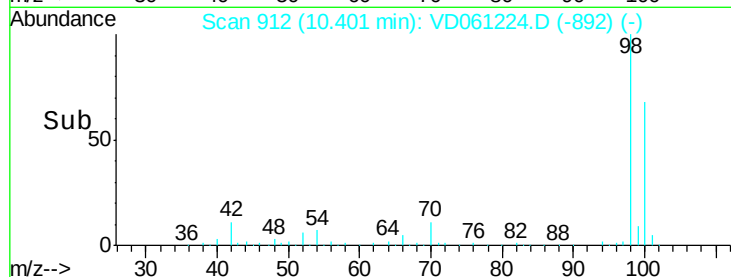
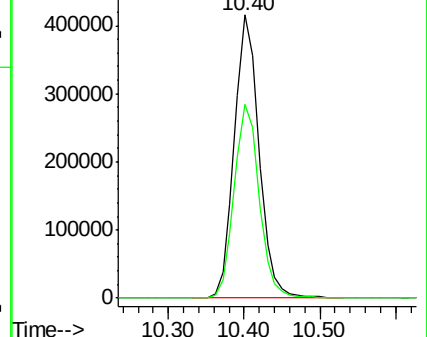
98 100

100 68.5 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) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061224.D

Acq: 21 Mar 2019 00:29

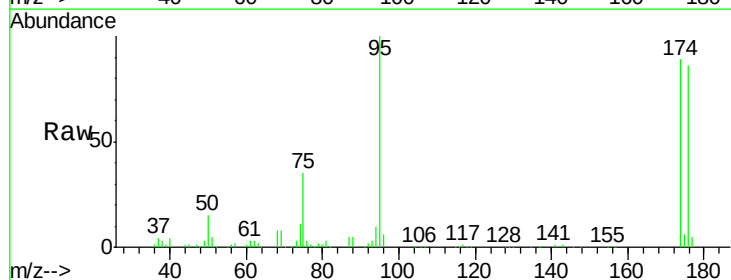
Tgt Ion: 95 Resp: 373591

Ion Ratio Lower Upper

95 100

174 88.8 0.0 155.6

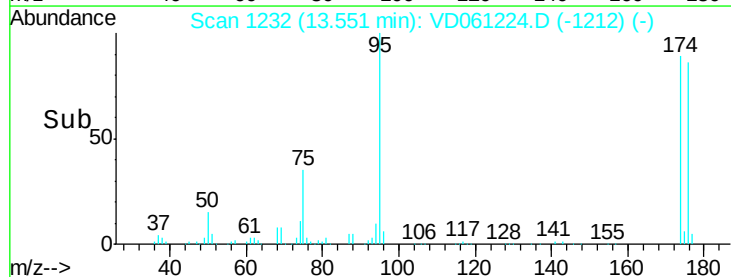
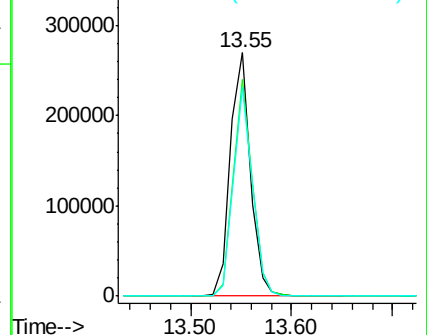
176 85.9 0.0 153.8

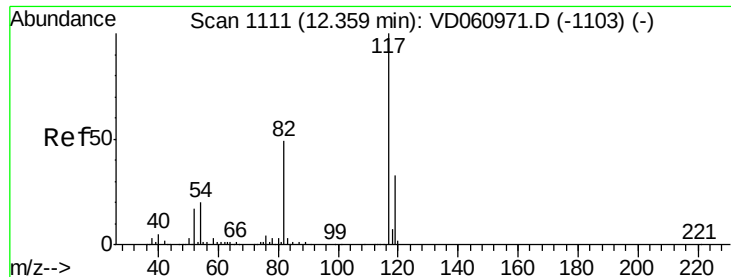


Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

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

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

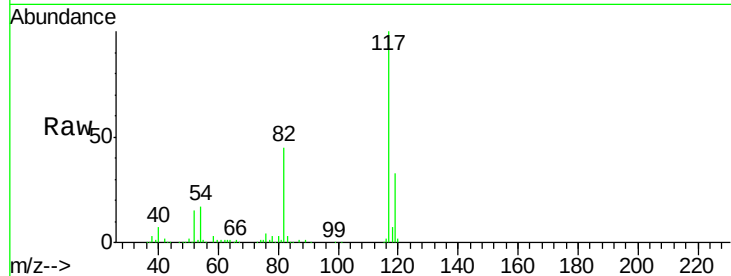




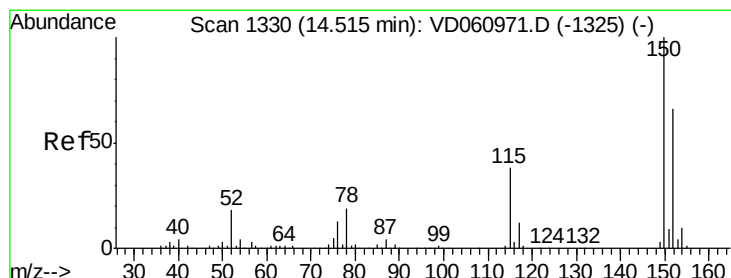
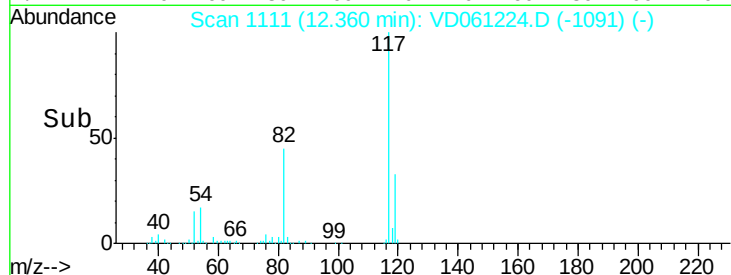
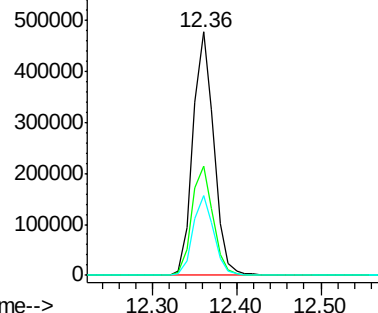
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VD061224.D
 Acq: 21 Mar 2019 00:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0320SBL02

Tot Ion:117 Resp: 821528
 Ion Ratio Lower Upper
 117 100
 82 44.7 38.9 58.3
 119 32.8 26.6 39.8

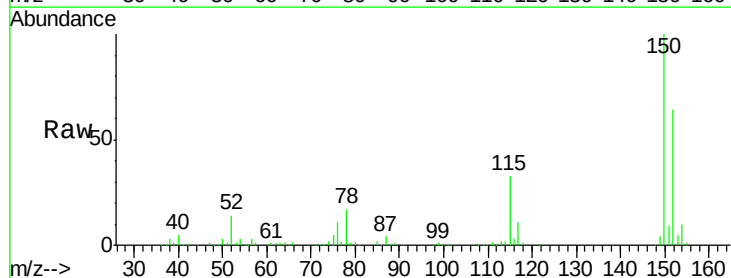


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061224.D
 Acq: 21 Mar 2019 00:29

Tgt Ion:152 Resp: 354769
 Ion Ratio Lower Upper
 152 100
 115 51.8 28.6 85.9
 150 155.1 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

