

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062253.D
 Acq On : 12 May 2019 12:25
 Operator : FY/SY
 Sample : VD0512SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBL01

Quant Time: May 13 01:54:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	935281	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	1179305	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	1018373	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	563347	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	400755	46.11	ug/l	0.04
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	6.94	113	518326	52.97	ug/l	0.05
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.42	98	1105406	46.86	ug/l	0.02
Spiked Amount	50.000		Recovery	=	93.72%	
62) 4-Bromofluorobenzene	13.56	95	483389	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

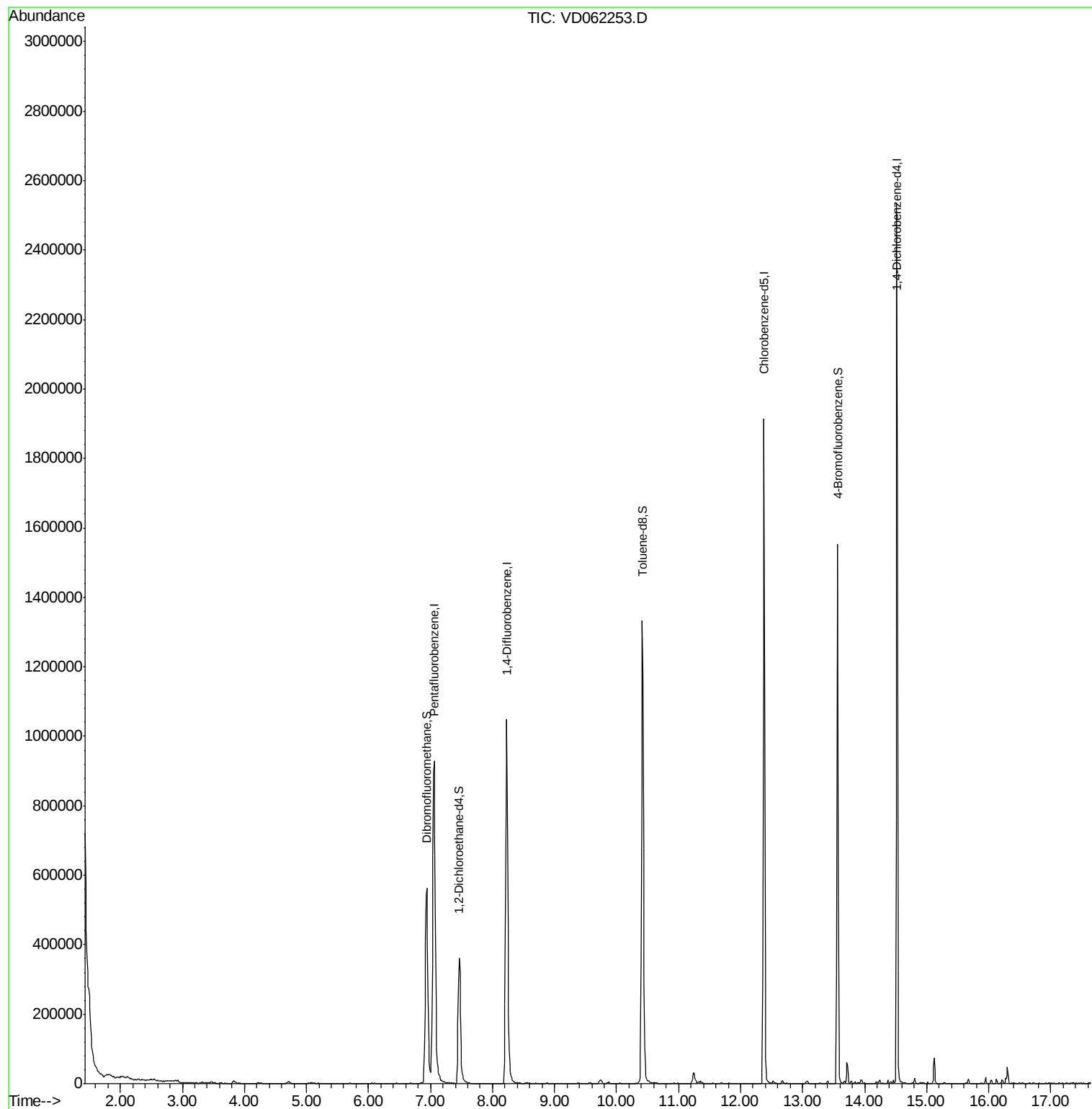
Target Compounds	Qvalue

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

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QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062253.D

Acq: 12 May 2019 12:25

Instrument :

MSVOA_D

ClientSampleId :

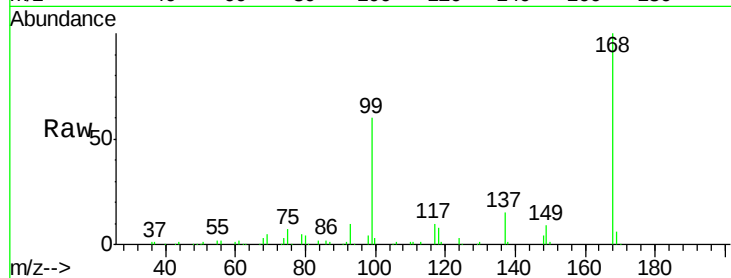
VD0512SBL01

Tot Ion:168 Resp: 935281

Ion Ratio Lower Upper

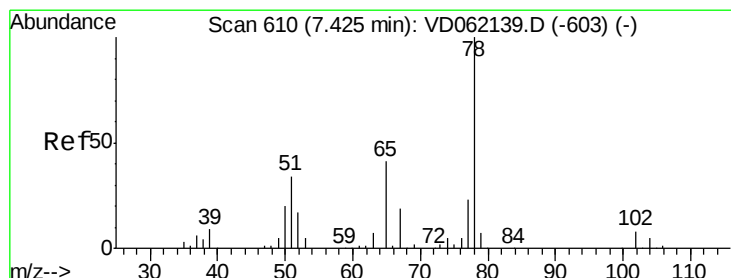
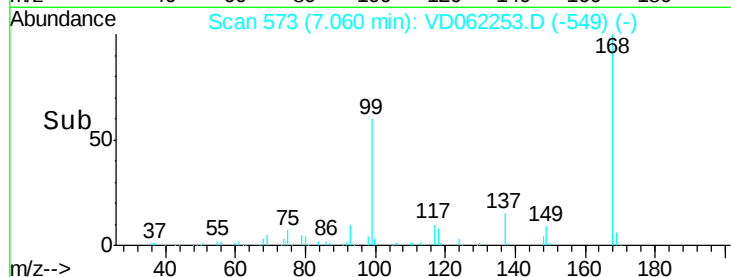
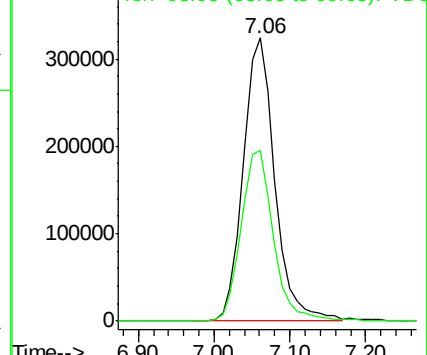
168 100

99 60.4 46.5 69.7



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: 46.108 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062253.D

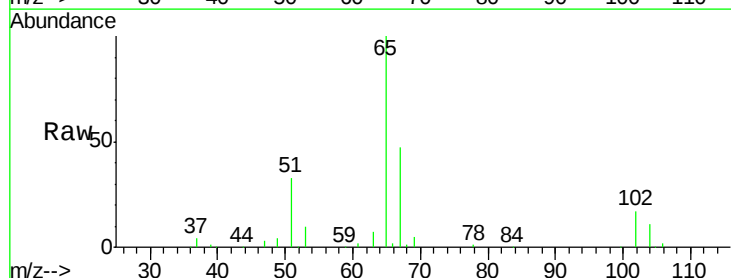
Acq: 12 May 2019 12:25

Tgt Ion: 65 Resp: 400755

Ion Ratio Lower Upper

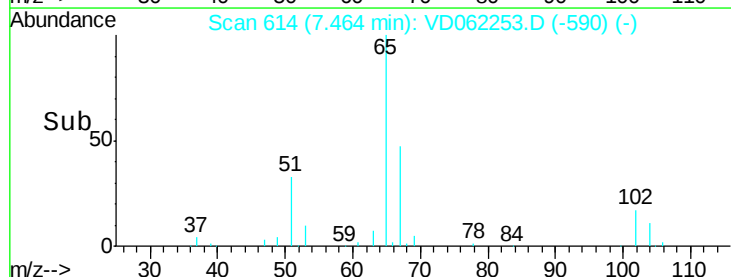
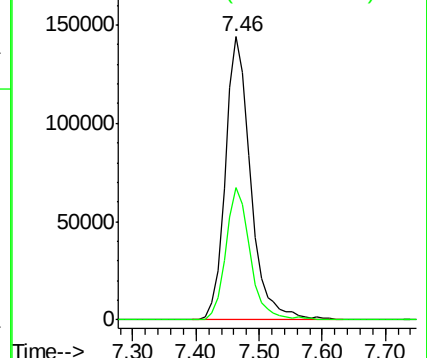
65 100

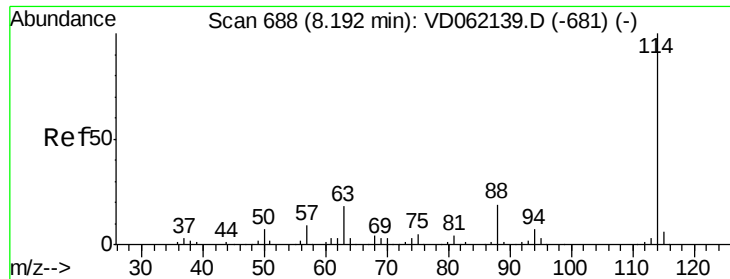
67 46.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

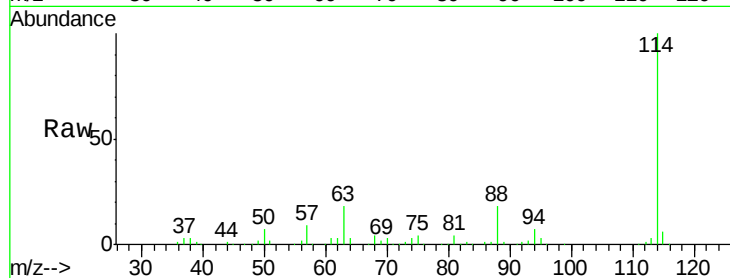




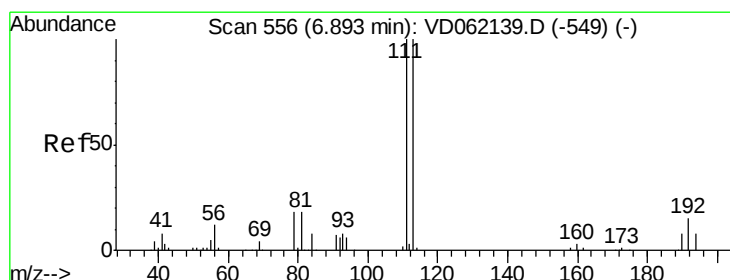
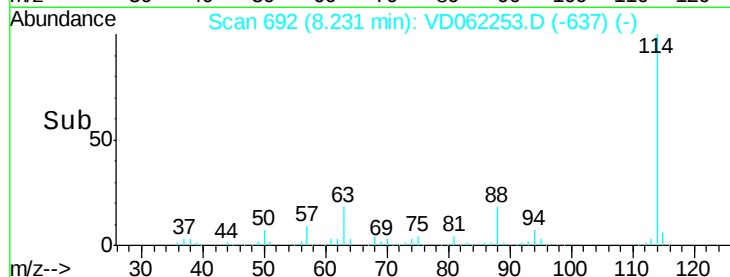
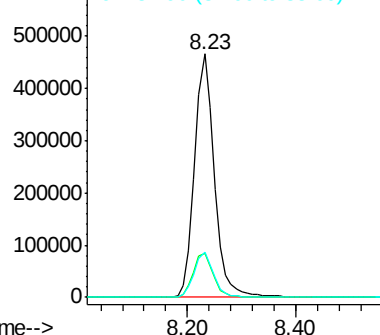
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062253.D
 Acq: 12 May 2019 12:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBL01

Tot Ion:114 Resp: 1179305
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 32.4
 88 18.4 0.0 33.6

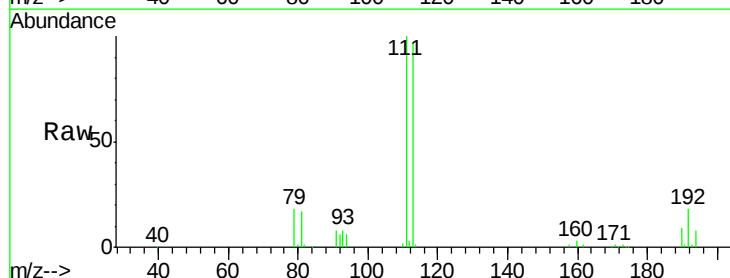


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

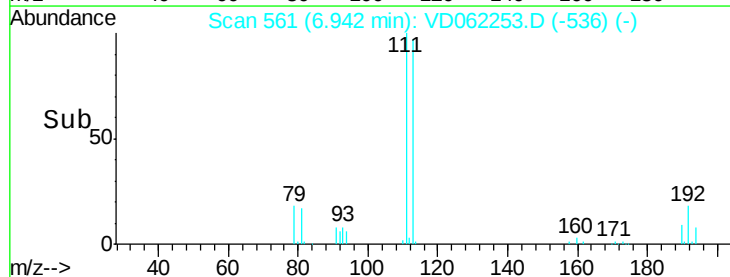
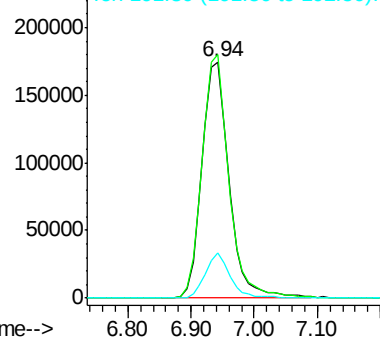


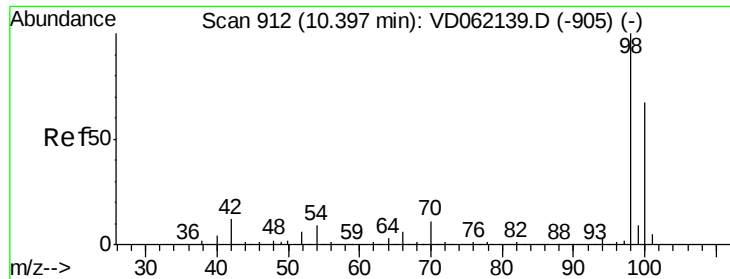
#35
 Dibromofluoromethane
 Concen: 52.972 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062253.D
 Acq: 12 May 2019 12:25

Tgt Ion:113 Resp: 518326
 Ion Ratio Lower Upper
 113 100
 111 102.9 78.5 117.7
 192 19.0 13.0 19.4



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: 46.855 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062253.D

Acq: 12 May 2019 12:25

Instrument :

MSVOA_D

ClientSampleId :

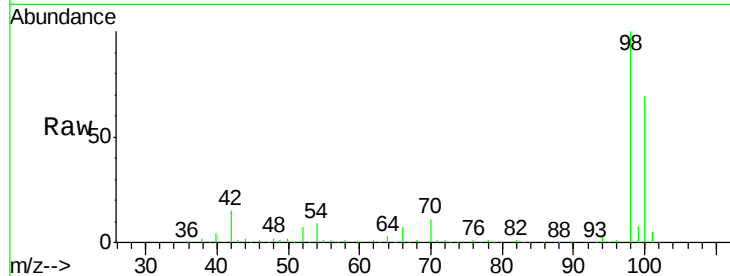
VD0512SBL01

Tot Ion: 98 Resp: 1105406

Ion Ratio Lower Upper

98 100

100 68.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.42

500000

400000

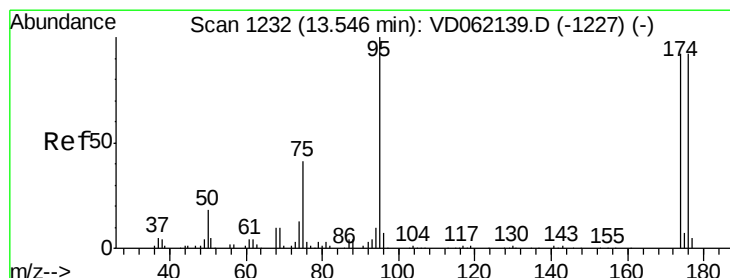
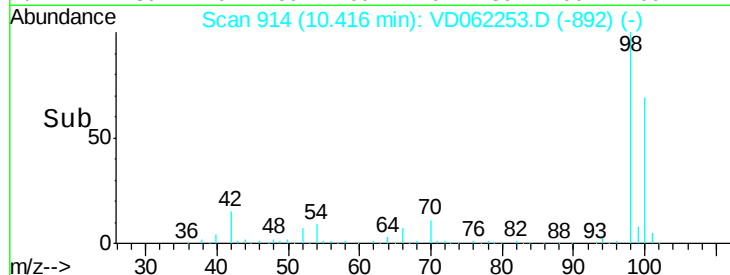
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.024 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062253.D

Acq: 12 May 2019 12:25

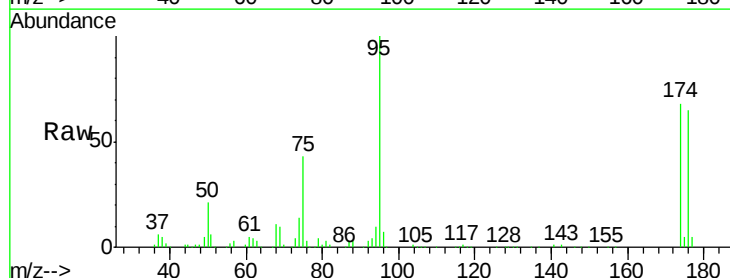
Tgt Ion: 95 Resp: 483389

Ion Ratio Lower Upper

95 100

174 67.6 0.0 181.8

176 64.8 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

400000

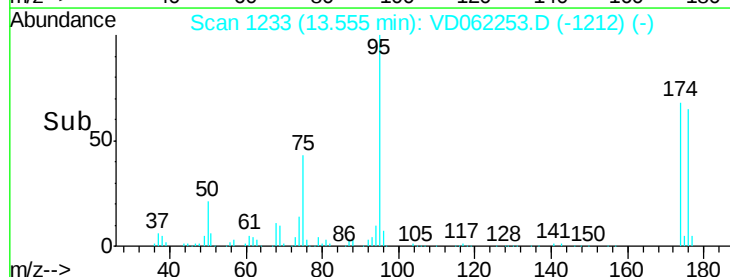
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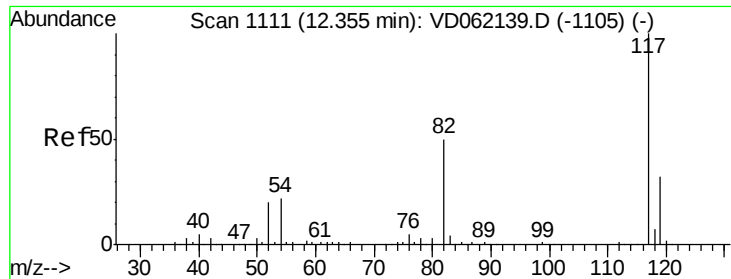
200000

100000

0

Time-->

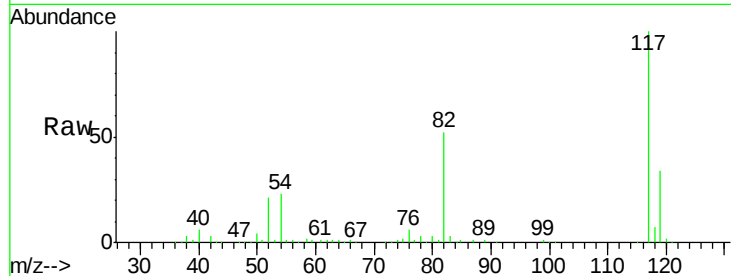




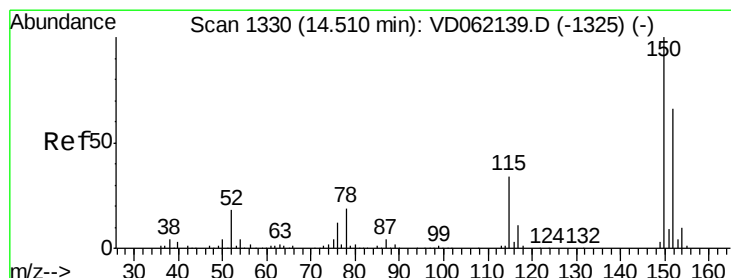
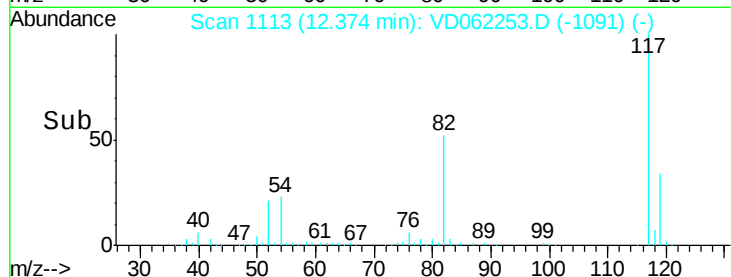
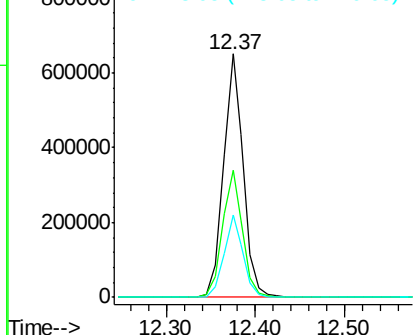
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062253.D
Acq: 12 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL01

Tot Ion:117 Resp: 1018373
Ion Ratio Lower Upper
117 100
82 52.2 36.2 54.2
119 33.6 26.2 39.4

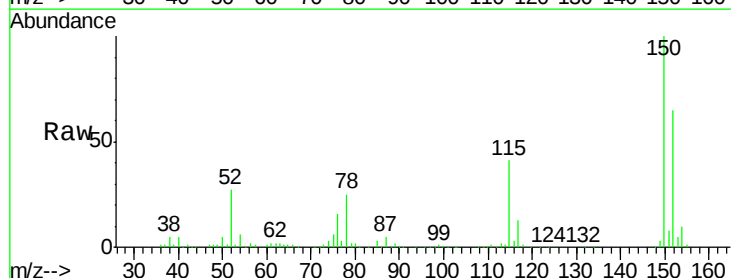


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062253.D
Acq: 12 May 2019 12:25

Tgt Ion:152 Resp: 563347
Ion Ratio Lower Upper
152 100
115 62.2 30.9 92.7
150 153.0 0.0 314.8



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

