

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062320.D
 Acq On : 13 May 2019 23:44
 Operator : FY/SY
 Sample : VD0513SBL02
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBL02

Quant Time: May 14 06:12:27 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	632570	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	884713	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	730980	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	418817	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	321013	54.61	ug/l	0.04
Spiked Amount	50.000		Recovery	=	109.22%	
35) Dibromofluoromethane	6.94	113	365112	49.74	ug/l	0.05
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.43	98	760514	42.97	ug/l	0.03
Spiked Amount	50.000		Recovery	=	85.94%	
62) 4-Bromofluorobenzene	13.56	95	341536	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	

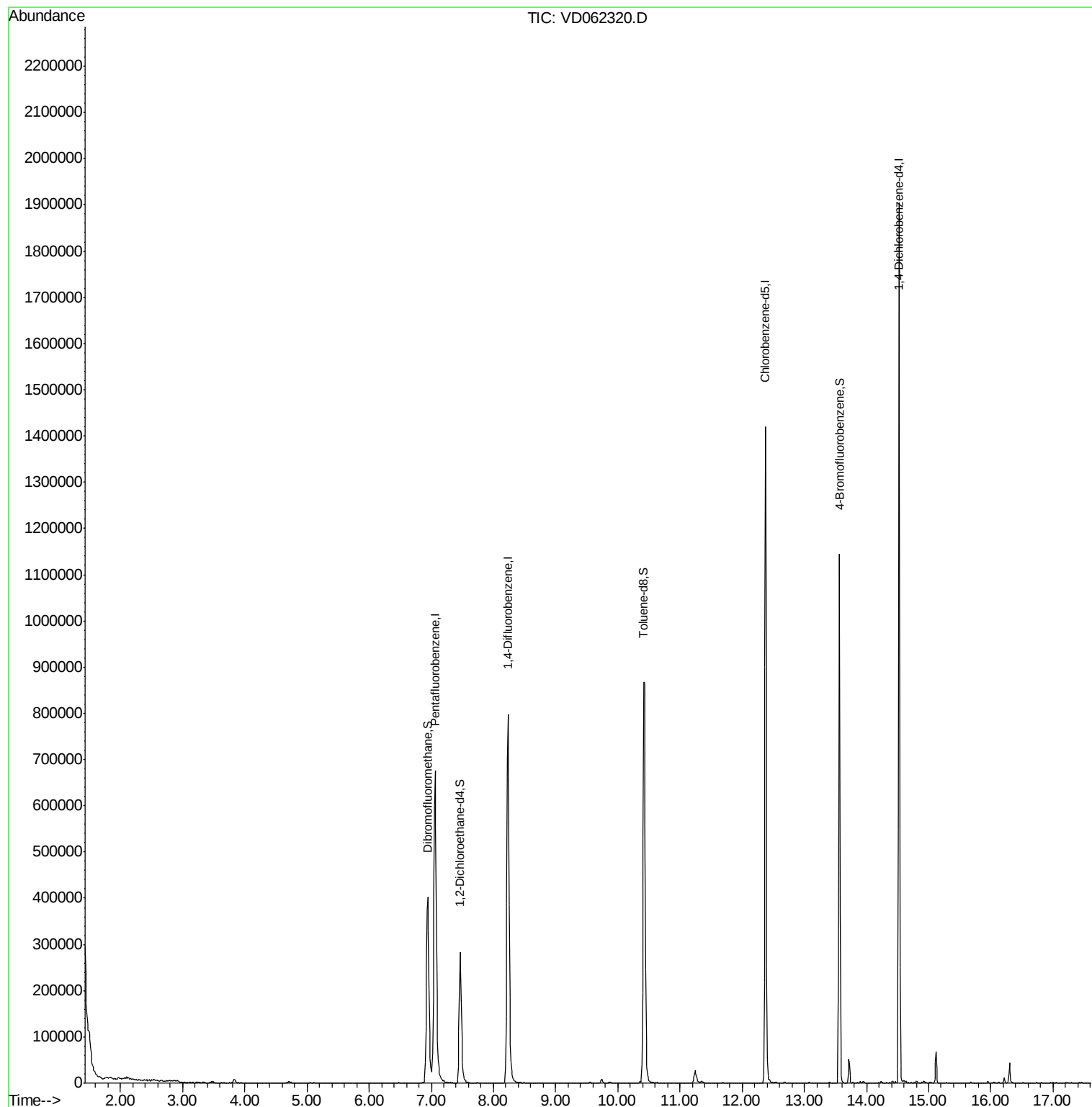
Target Compounds	Qvalue

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

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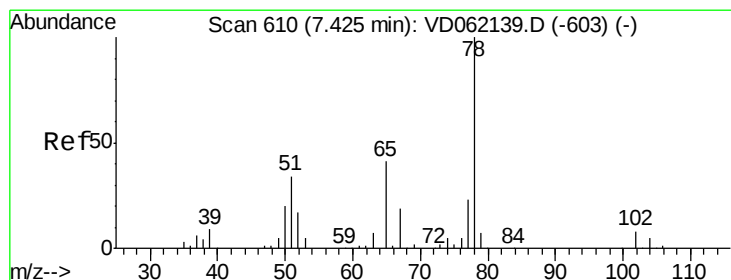
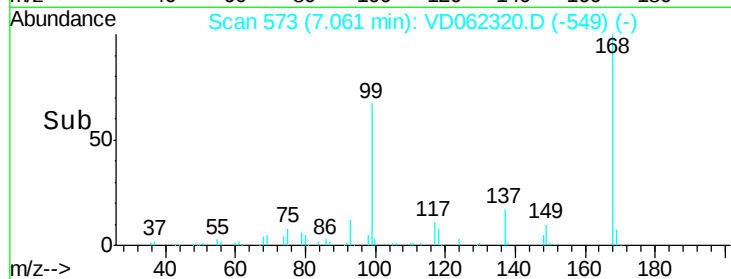
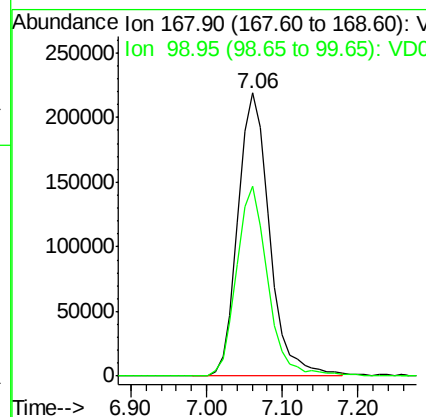
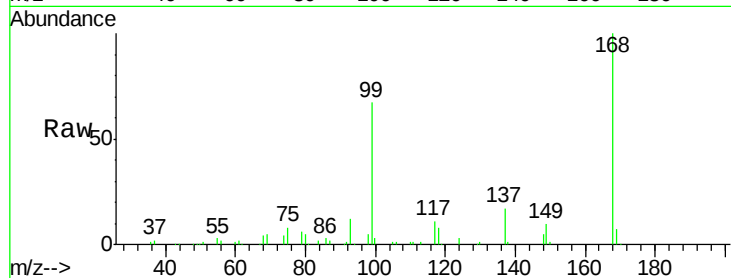




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.04 min
Lab File: VD062320.D
Acq: 13 May 2019 23:44

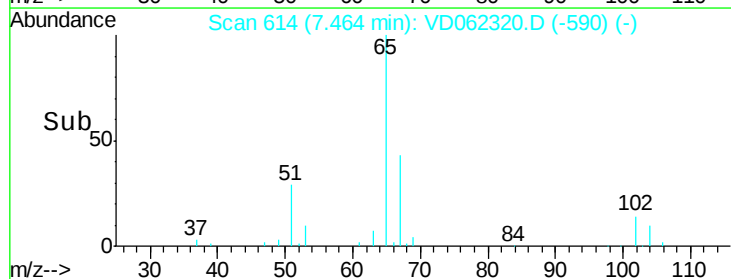
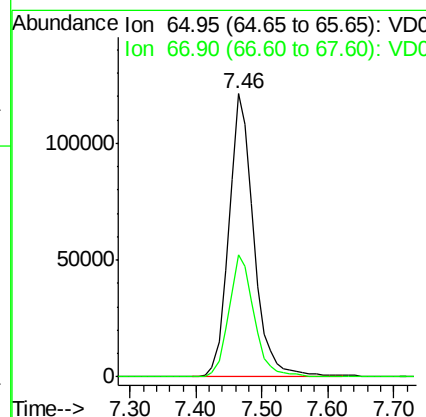
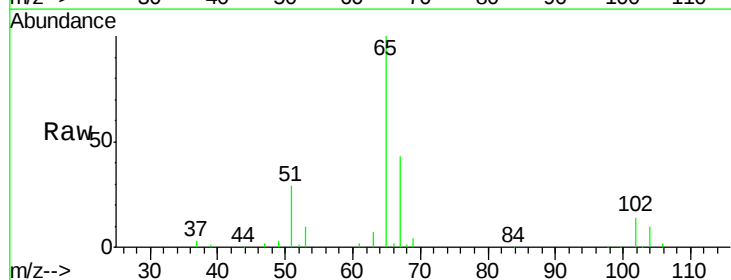
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL02

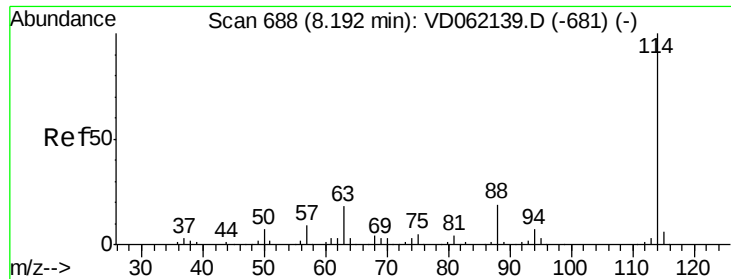
Tot Ion:168 Resp: 632570
Ion Ratio Lower Upper
168 100
99 67.2 46.5 69.7



#33
1,2-Dichloroethane-d4
Concen: 54.607 ug/l
RT: 7.46 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD062320.D
Acq: 13 May 2019 23:44

Tgt Ion: 65 Resp: 321013
Ion Ratio Lower Upper
65 100
67 43.3 0.0 98.0

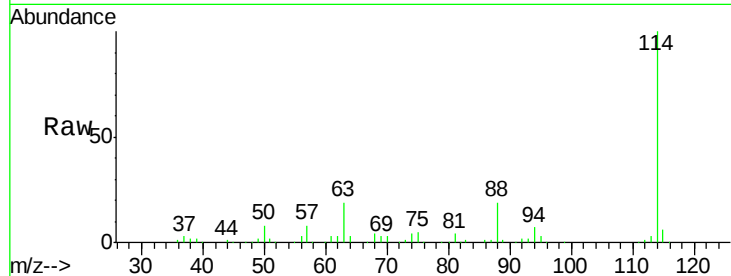




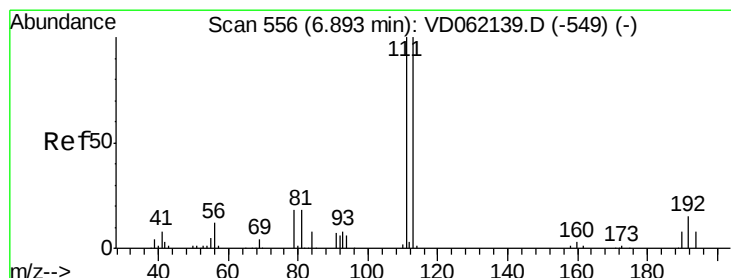
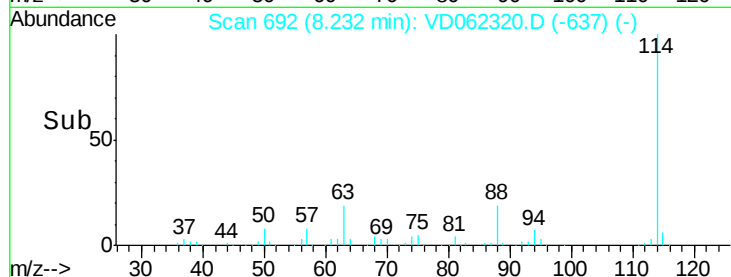
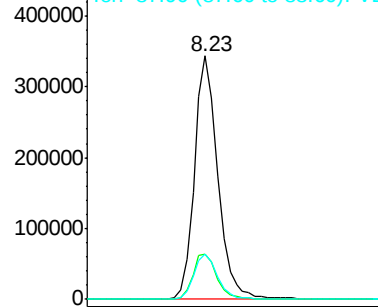
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062320.D
 Acq: 13 May 2019 23:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBL02

Tot Ion:114 Resp: 884713
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 32.4
 88 18.7 0.0 33.6

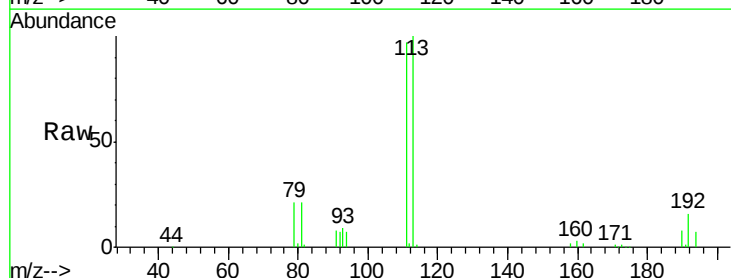


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

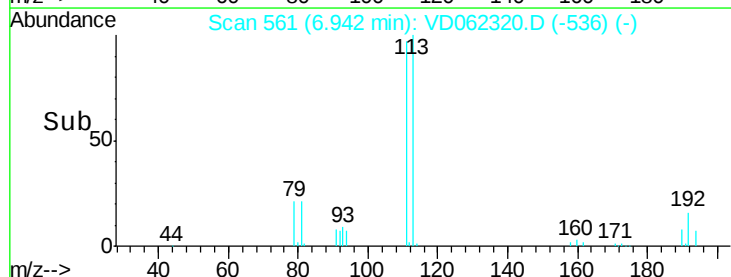
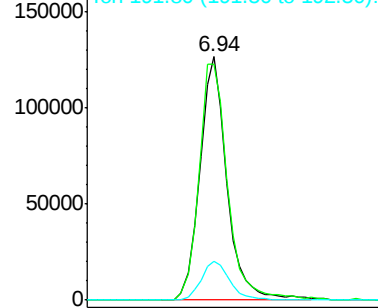


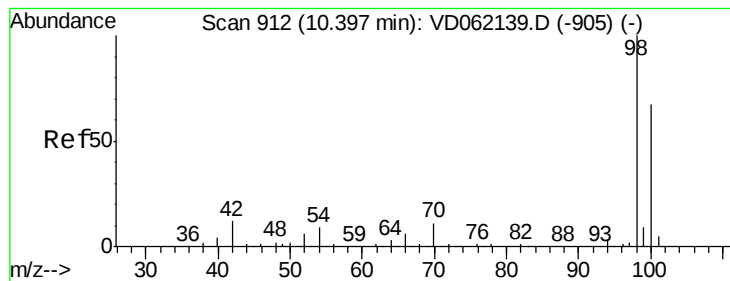
#35
 Dibromofluoromethane
 Concen: 49.739 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062320.D
 Acq: 13 May 2019 23:44

Tgt Ion:113 Resp: 365112
 Ion Ratio Lower Upper
 113 100
 111 96.8 78.5 117.7
 192 16.0 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: 42.970 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062320.D

Acq: 13 May 2019 23:44

Instrument :

MSVOA_D

ClientSampleId :

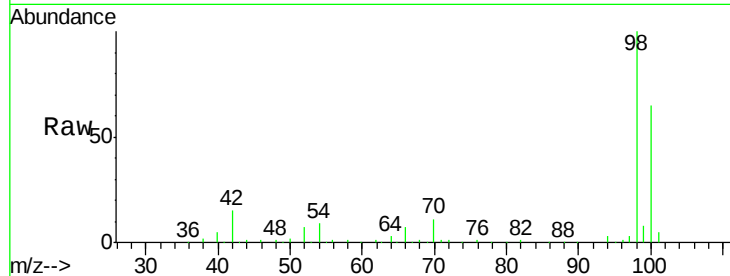
VD0513SBL02

Tot Ion: 98 Resp: 760514

Ion Ratio Lower Upper

98 100

100 64.6 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) (-)

10.43

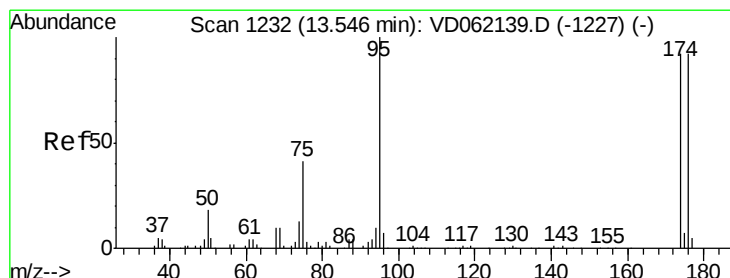
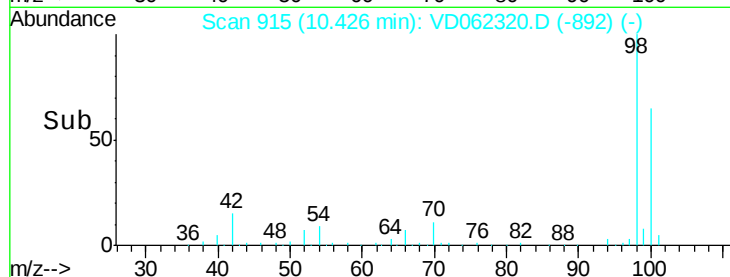
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.055 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062320.D

Acq: 13 May 2019 23:44

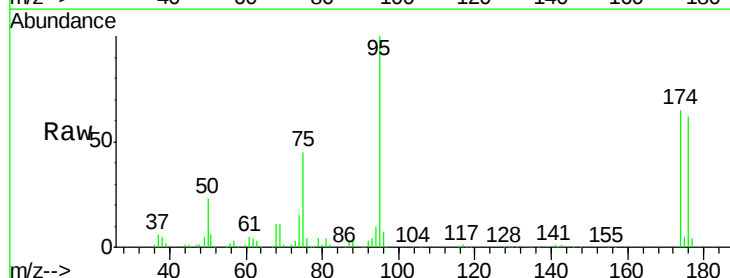
Tgt Ion: 95 Resp: 341536

Ion Ratio Lower Upper

95 100

174 65.5 0.0 181.8

176 62.1 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) (-)

300000

250000

200000

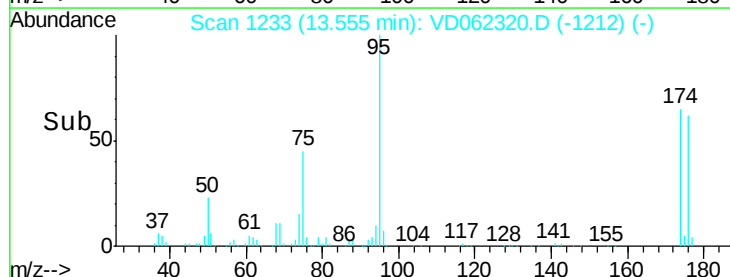
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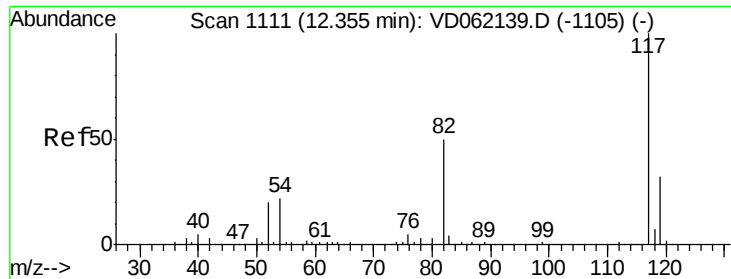
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50000

0

Time-->

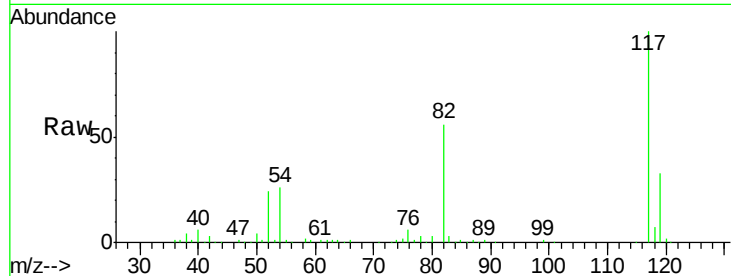




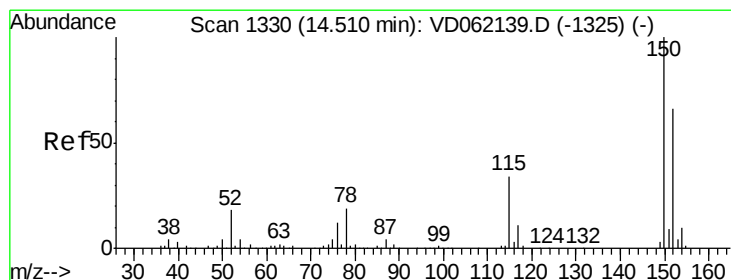
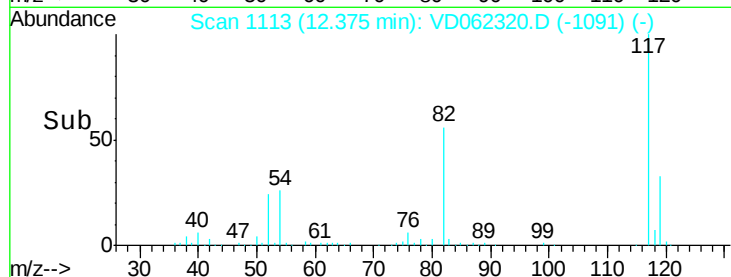
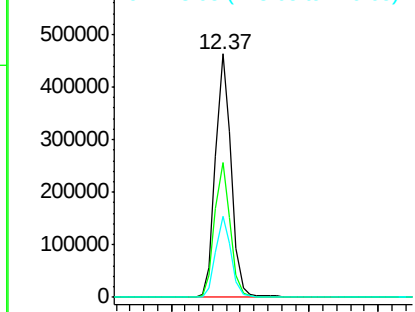
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062320.D
Acq: 13 May 2019 23:44

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL02

Tot Ion:117 Resp: 730980
Ion Ratio Lower Upper
117 100
82 55.6 36.2 54.2#
119 33.0 26.2 39.4

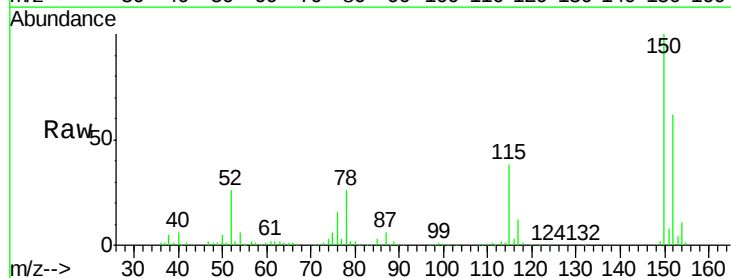


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062320.D
Acq: 13 May 2019 23:44

Tgt Ion:152 Resp: 418817
Ion Ratio Lower Upper
152 100
115 61.4 30.9 92.7
150 162.2 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

