

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063503.D
 Acq On : 12 Aug 2019 23:15
 Operator : JC/SY
 Sample : VD0812SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBL02

Quant Time: Aug 13 09:07:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1045553	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1451380	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	1268411	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	675004	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	670630	60.01	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	120.02%	
35) Dibromofluoromethane	6.92	113	705720	57.73	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	115.46%	
50) Toluene-d8	10.41	98	1613124	60.03	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	120.06%	
62) 4-Bromofluorobenzene	13.56	95	657697	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	

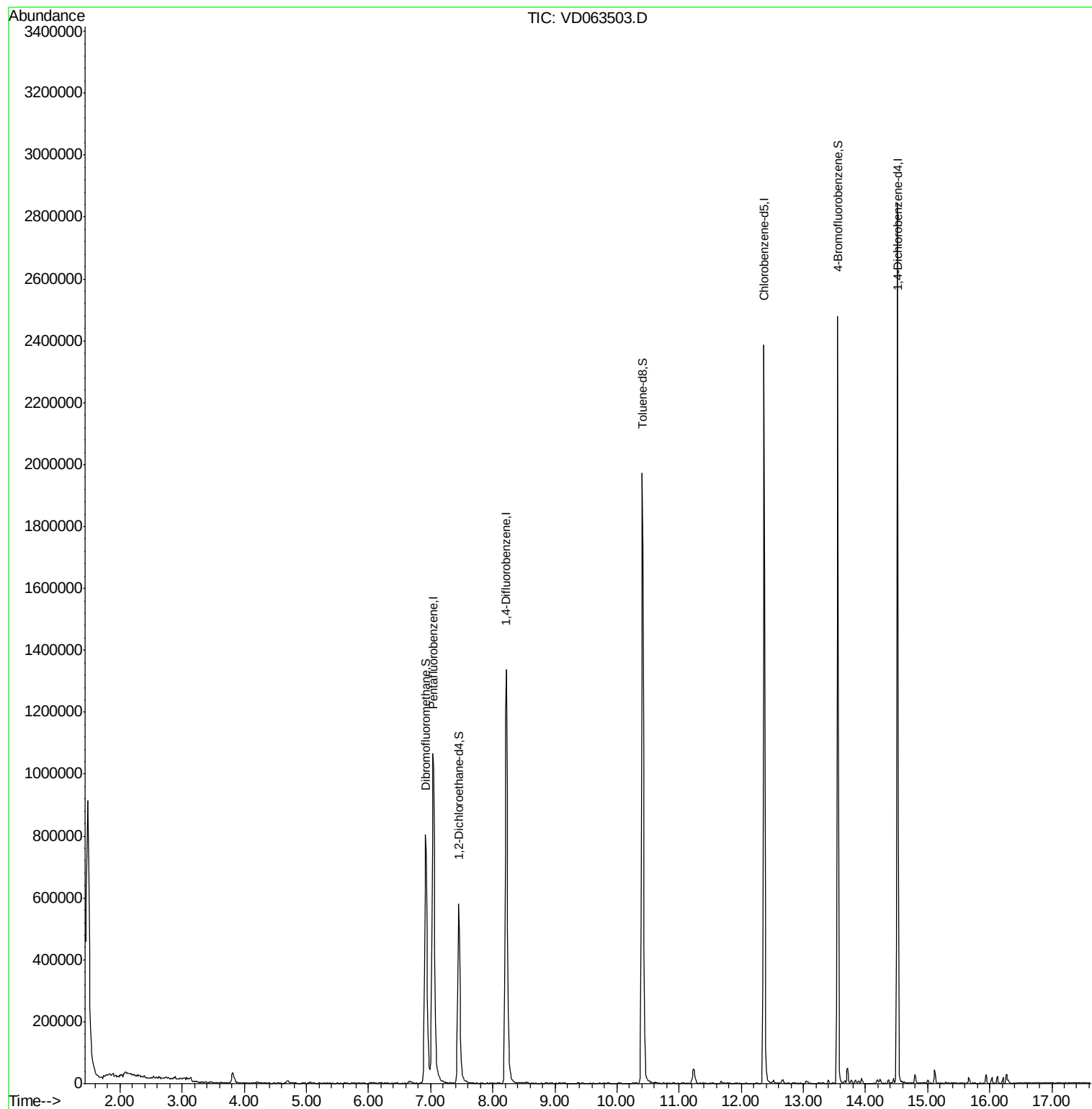
Target Compounds	Qvalue

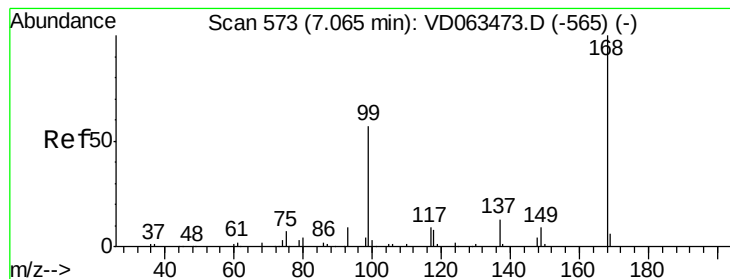
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063503.D

Acq: 12 Aug 2019 23:15

Instrument :

MSVOA_D

ClientSampleId :

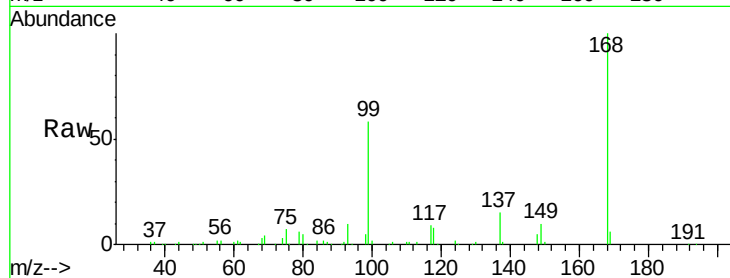
VD0812SBL02

Tot Ion:168 Resp: 1045553

Ion Ratio Lower Upper

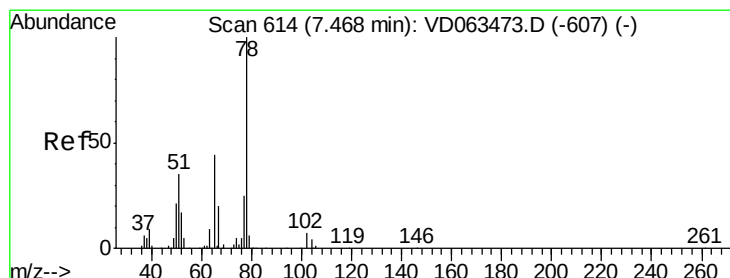
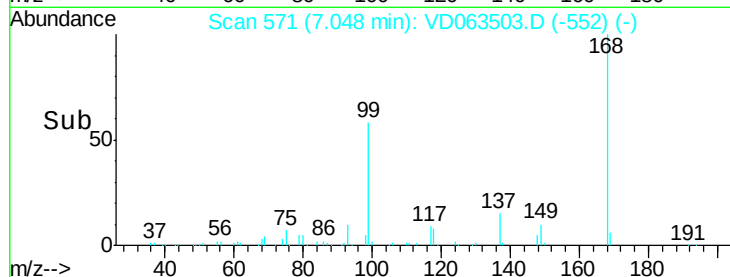
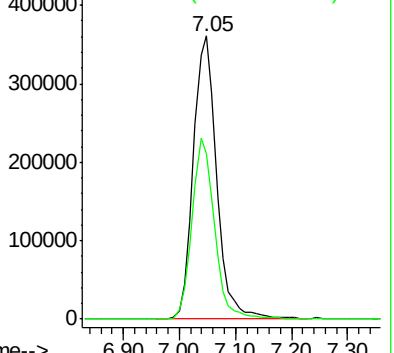
168 100

99 58.5 46.7 70.1



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: 60.005 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063503.D

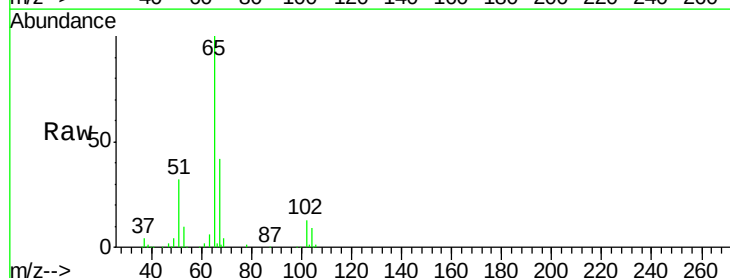
Acq: 12 Aug 2019 23:15

Tgt Ion: 65 Resp: 670630

Ion Ratio Lower Upper

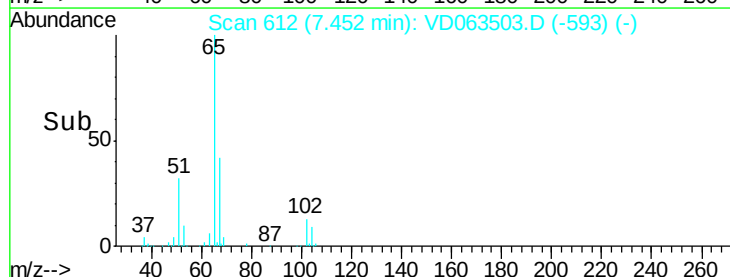
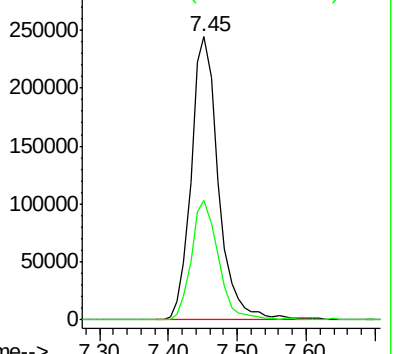
65 100

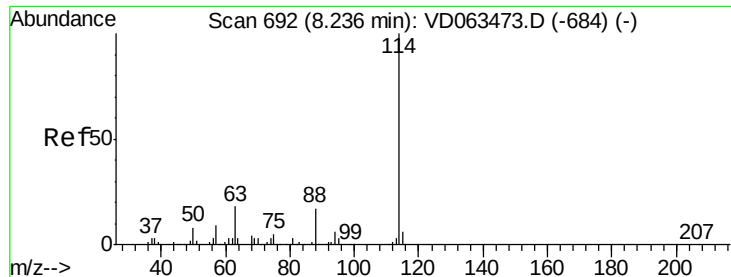
67 42.3 0.0 89.2



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: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063503.D

Acq: 12 Aug 2019 23:15

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBL02

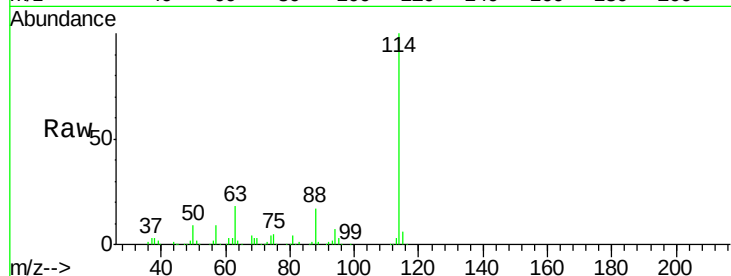
Tot Ion:114 Resp: 1451380

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.2

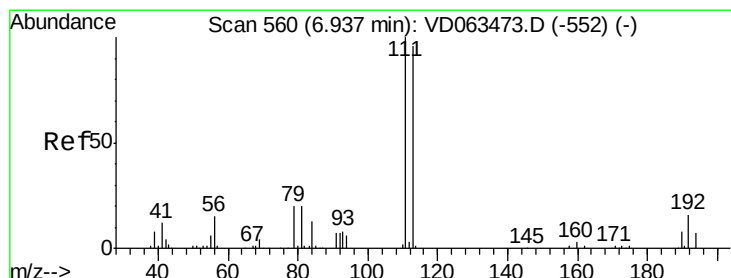
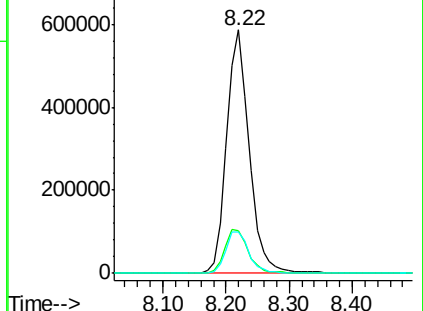
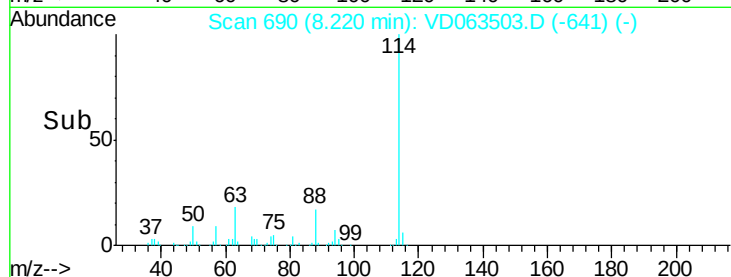
88 16.8 0.0 35.0



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: 57.734 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063503.D

Acq: 12 Aug 2019 23:15

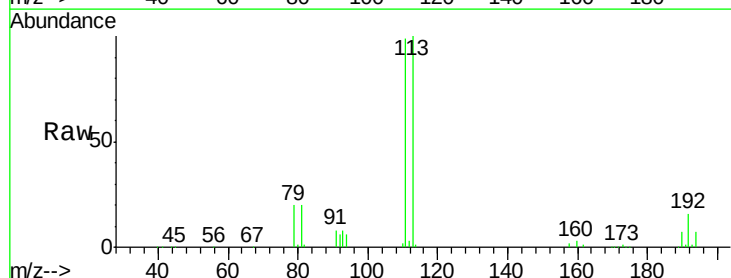
Tgt Ion:113 Resp: 705720

Ion Ratio Lower Upper

113 100

111 99.0 83.1 124.7

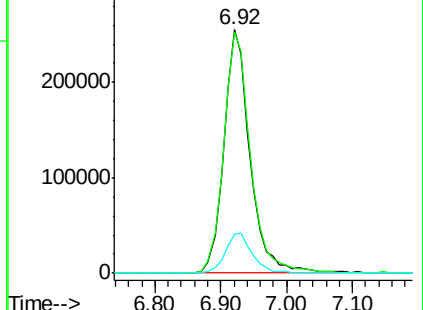
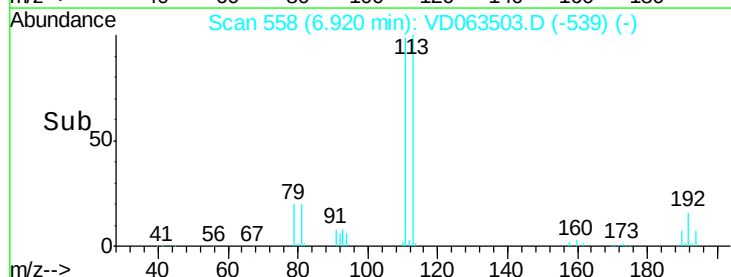
192 16.0 13.1 19.7

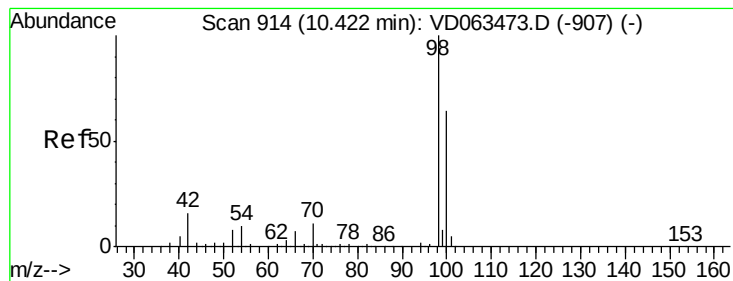


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 60.025 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063503.D

Acq: 12 Aug 2019 23:15

Instrument :

MSVOA_D

ClientSampleId :

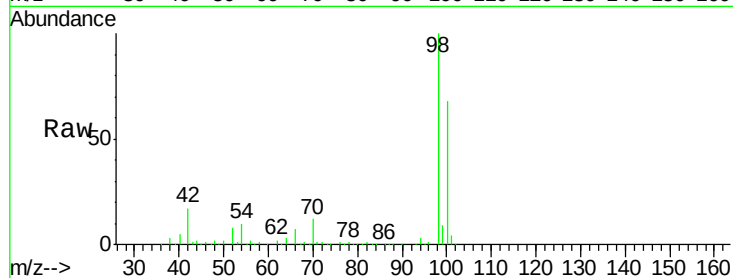
VD0812SBL02

Tot Ion: 98 Resp: 1613124

Ion Ratio Lower Upper

98 100

100 68.3 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.41

800000

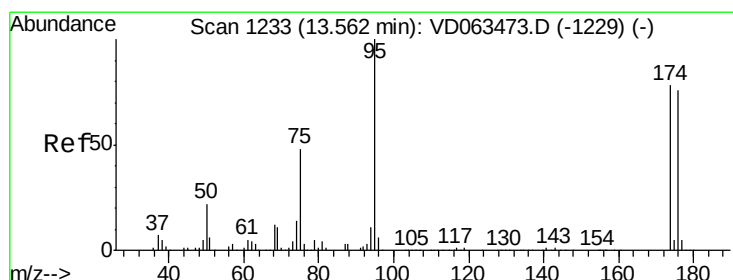
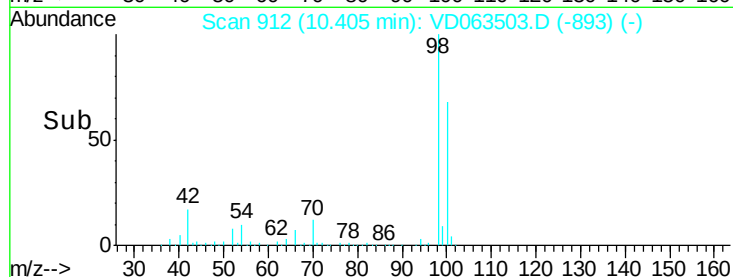
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.996 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063503.D

Acq: 12 Aug 2019 23:15

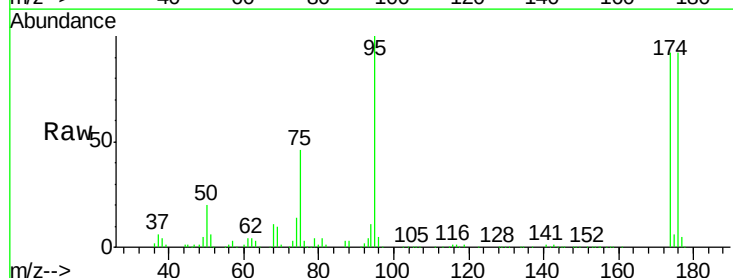
Tgt Ion: 95 Resp: 657697

Ion Ratio Lower Upper

95 100

174 91.8 0.0 155.4

176 91.9 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

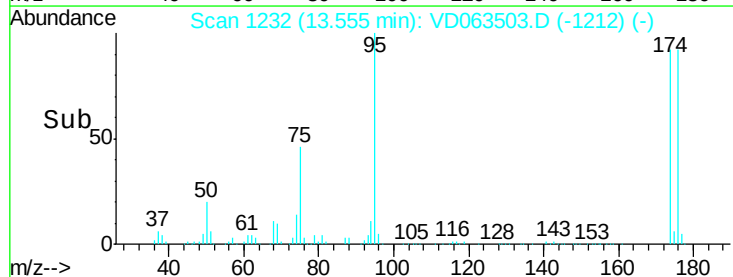
600000

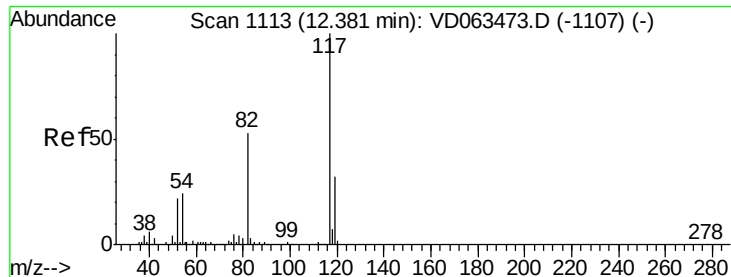
400000

200000

0

Time-->

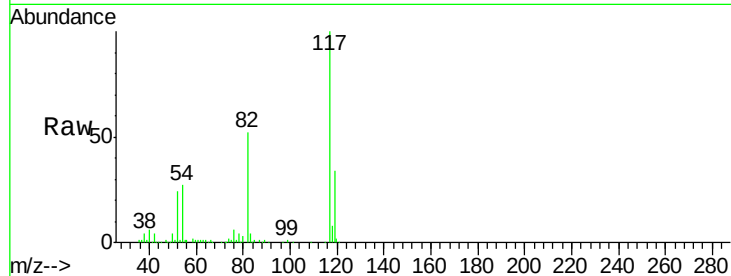




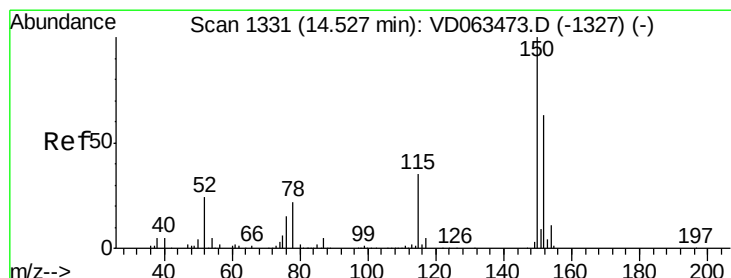
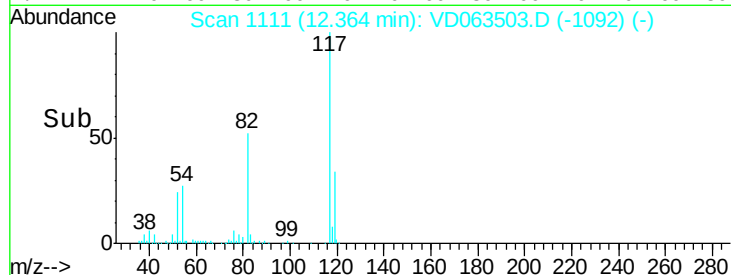
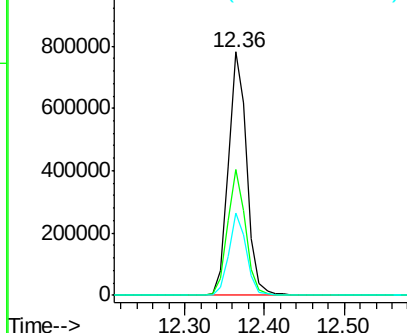
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063503.D
Acq: 12 Aug 2019 23:15

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBL02

Tot Ion:117 Resp: 1268411
Ion Ratio Lower Upper
117 100
82 51.8 42.0 63.0
119 33.6 25.4 38.0

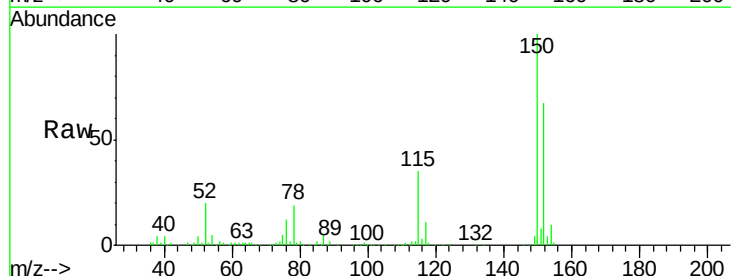


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063503.D
Acq: 12 Aug 2019 23:15

Tgt Ion:152 Resp: 675004
Ion Ratio Lower Upper
152 100
115 52.5 30.9 92.7
150 150.3 0.0 318.6



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

