

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
 Data File : VD063138.D
 Acq On : 17 Jul 2019 18:22
 Operator : VA/AP
 Sample : K3830-05
 Misc : 6.15g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-1873

Quant Time: Jul 18 07:59:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	711279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1001272	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	745488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	308850	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	363365	41.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.02%	
35) Dibromofluoromethane	6.91	113	379689	38.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.14%	
50) Toluene-d8	10.41	98	765453	35.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.46%	
62) 4-Bromofluorobenzene	13.56	95	292492	29.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.02%	

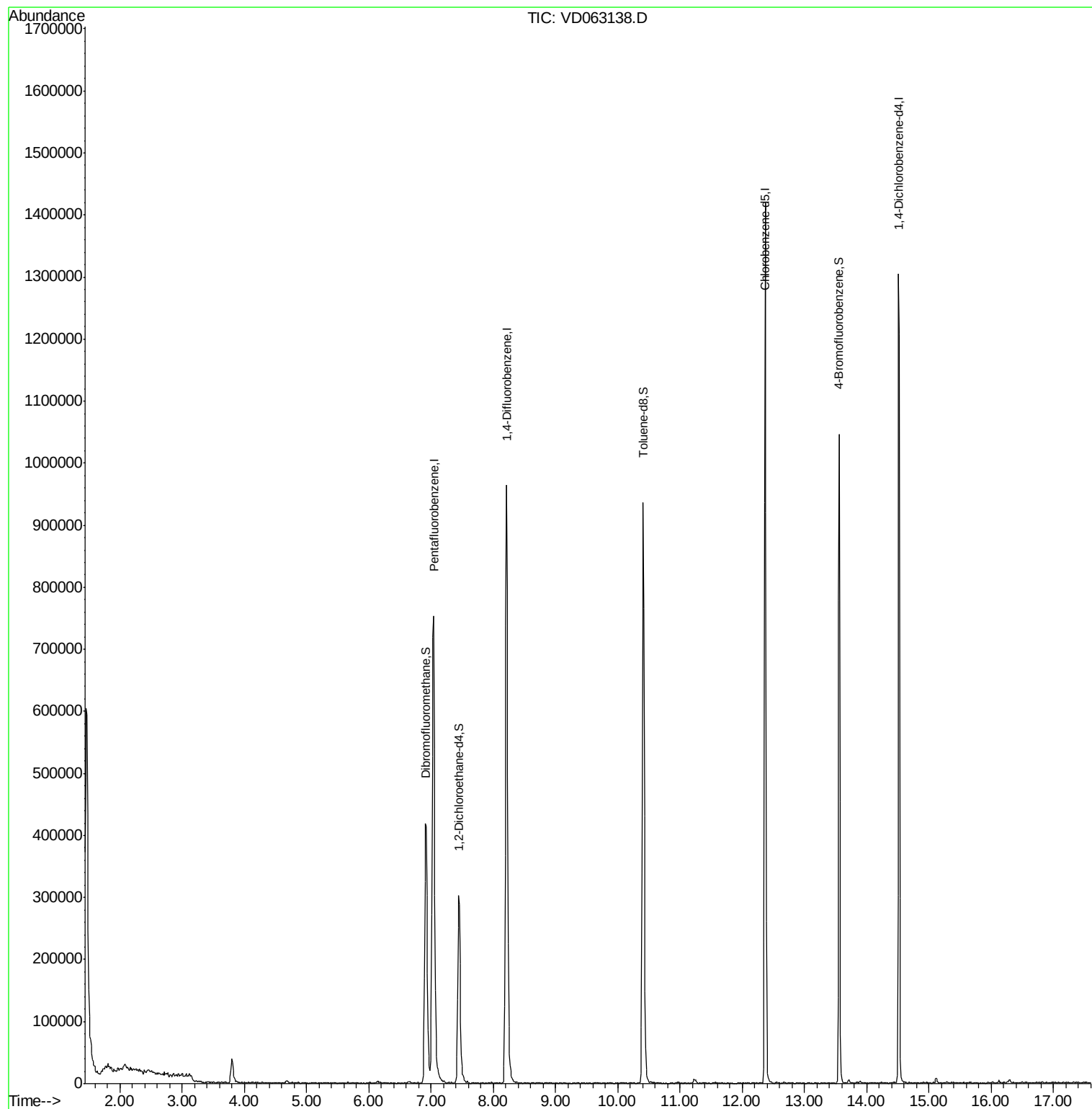
Target Compounds	Qvalue

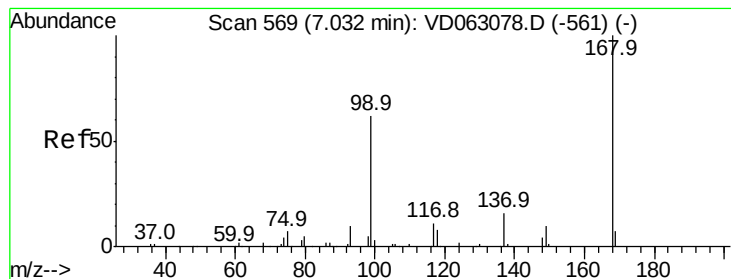
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 16 08:11:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD063138.D

Acq: 17 Jul 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

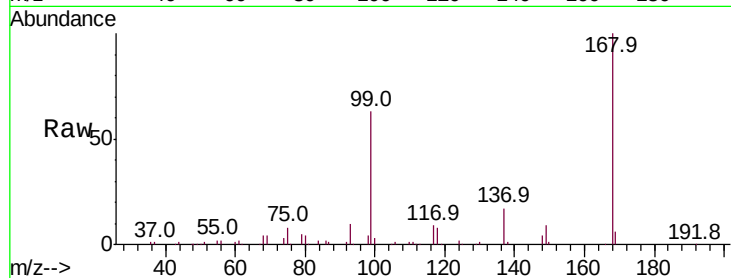
RT-1873

Tot Ion:168 Resp: 711279

Ion Ratio Lower Upper

168 100

99 62.5 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

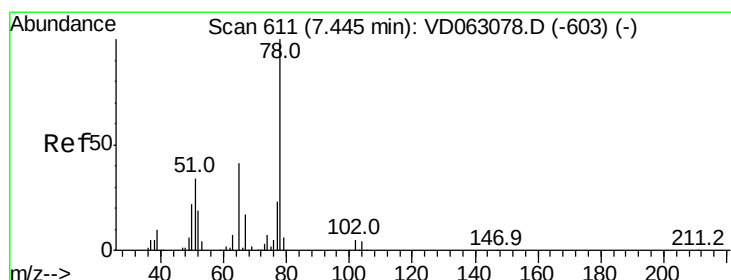
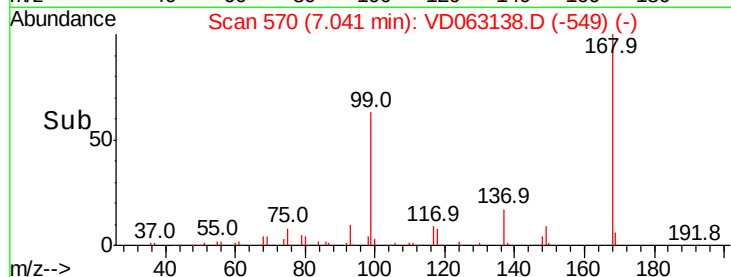
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 41.010 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063138.D

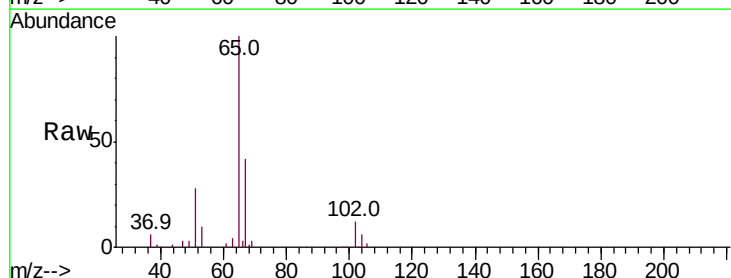
Acq: 17 Jul 2019 18:22

Tgt Ion: 65 Resp: 363365

Ion Ratio Lower Upper

65 100

67 42.0 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

150000

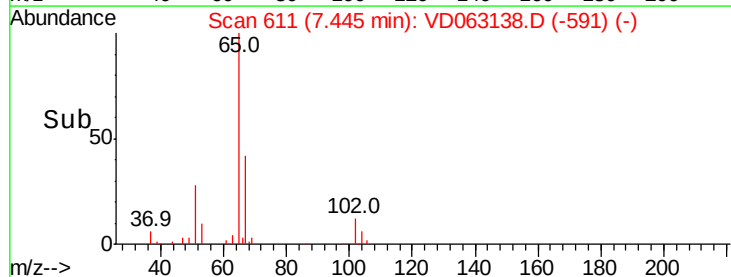
100000

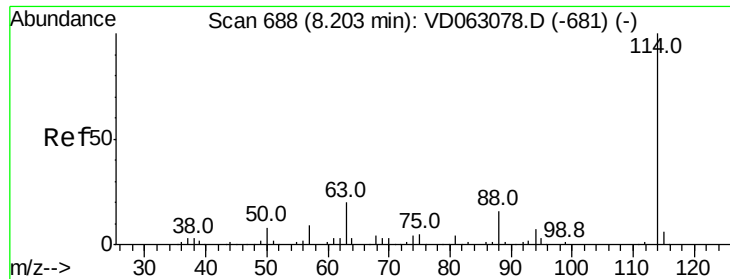
50000

0

Time-->

7.30 7.40 7.50 7.60



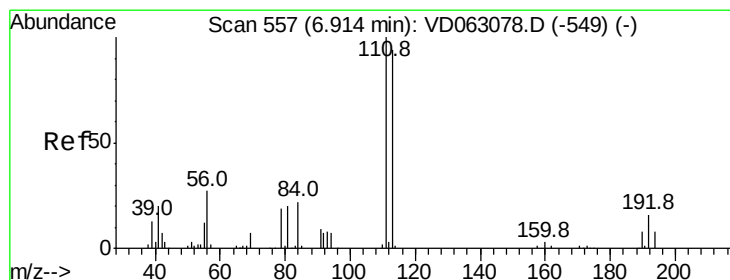
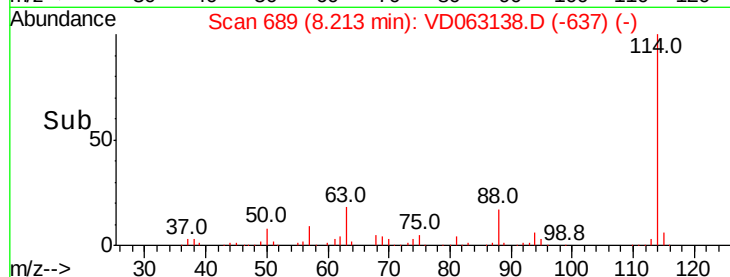
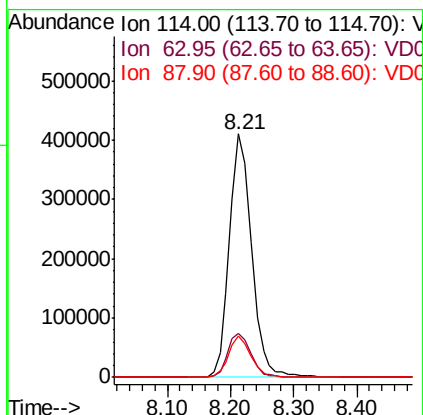
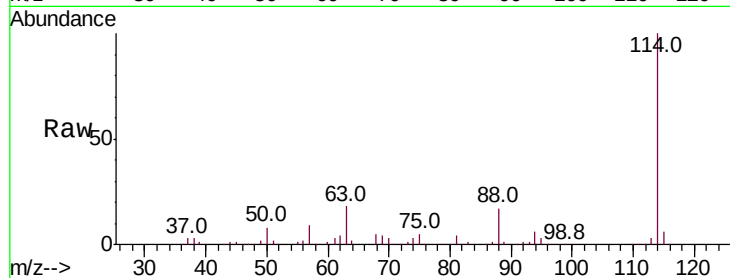


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD063138.D
 Acq: 17 Jul 2019 18:22

Instrument :
 MSVOA_D
 ClientSampled :
 RT-1873

Tot Ion:114 Resp: 1001272

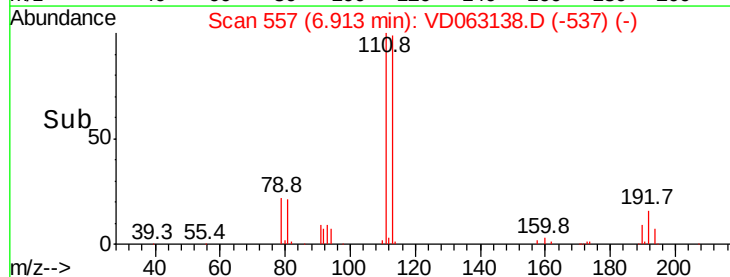
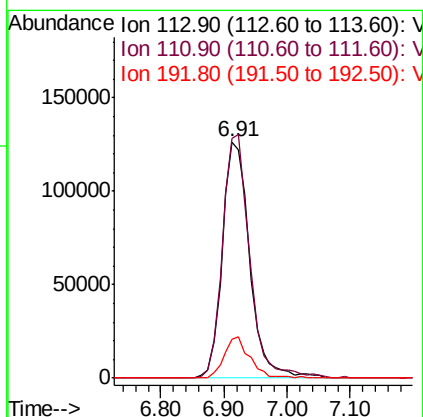
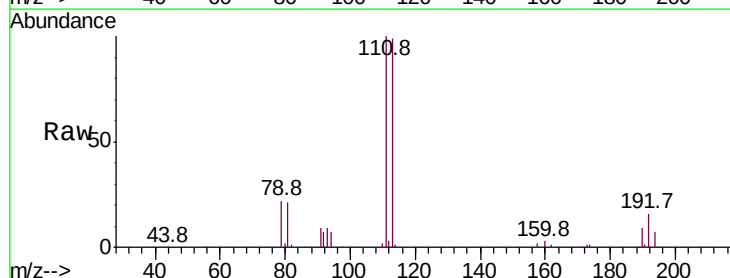
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	40.6
88	17.1	0.0	32.6

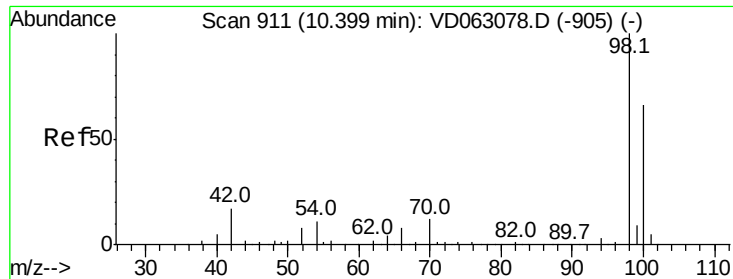


#35
 Dibromofluoromethane
 Concen: 38.072 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD063138.D
 Acq: 17 Jul 2019 18:22

Tgt Ion:113 Resp: 379689

Ion	Ratio	Lower	Upper
113	100		
111	101.5	84.8	127.2
192	16.4	13.4	20.0





#50

Toluene-d8

Concen: 35.732 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD063138.D

Acq: 17 Jul 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

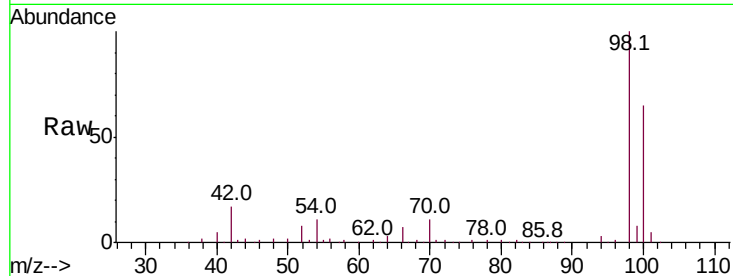
RT-1873

Tot Ion: 98 Resp: 765453

Ion Ratio Lower Upper

98 100

100 65.1 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VD063078.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063078.D (-905) (-)

10.41

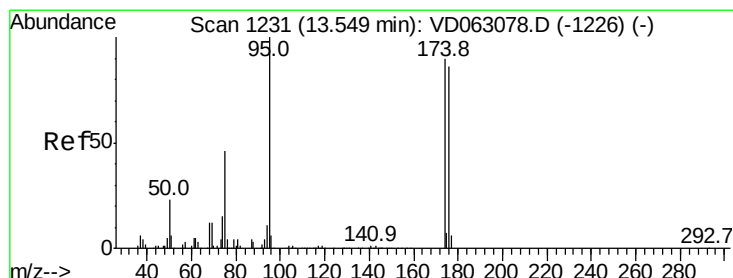
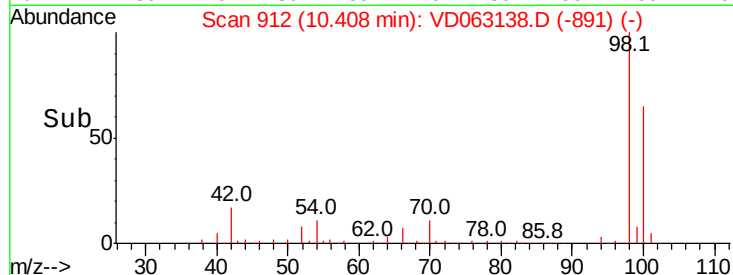
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 29.513 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD063138.D

Acq: 17 Jul 2019 18:22

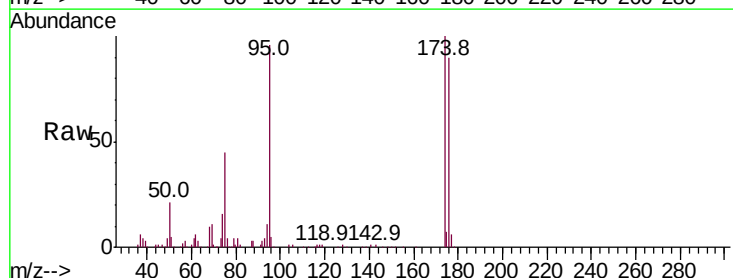
Tgt Ion: 95 Resp: 292492

Ion Ratio Lower Upper

95 100

174 104.0 0.0 180.6

176 93.2 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): VD063078.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD063078.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD063078.D (-1226) (-)

250000

200000

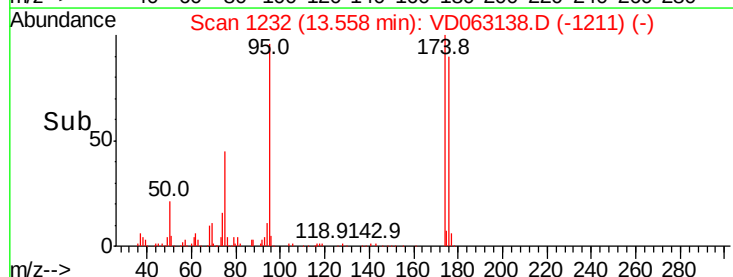
150000

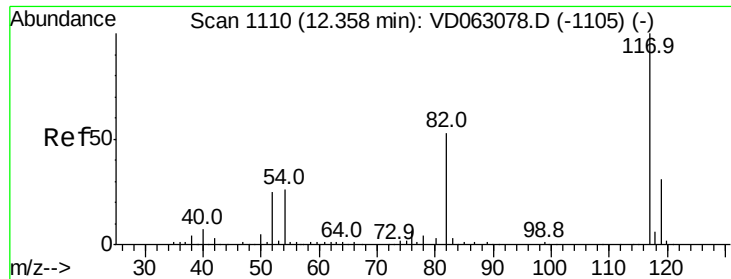
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD063138.D

Acq: 17 Jul 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

RT-1873

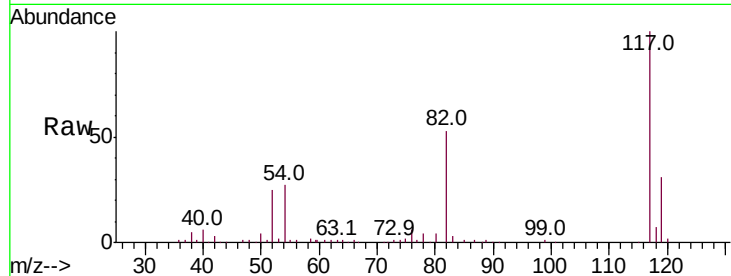
Tot Ion:117 Resp: 745488

Ion Ratio Lower Upper

117 100

82 53.4 42.3 63.5

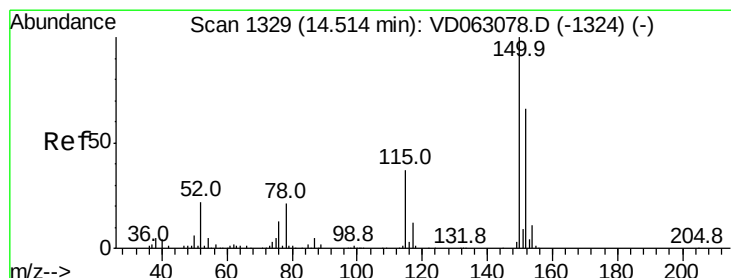
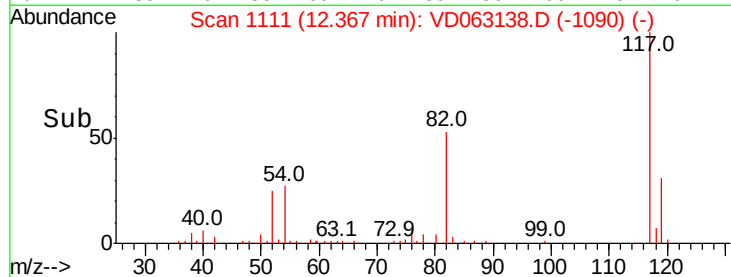
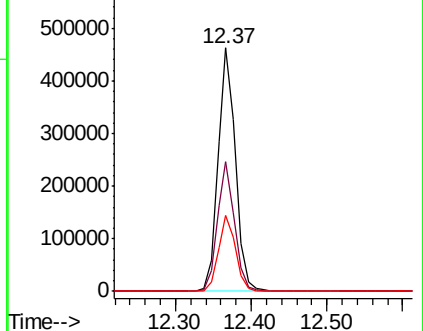
119 31.0 25.2 37.8



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. 0.01 min

Lab File: VD063138.D

Acq: 17 Jul 2019 18:22

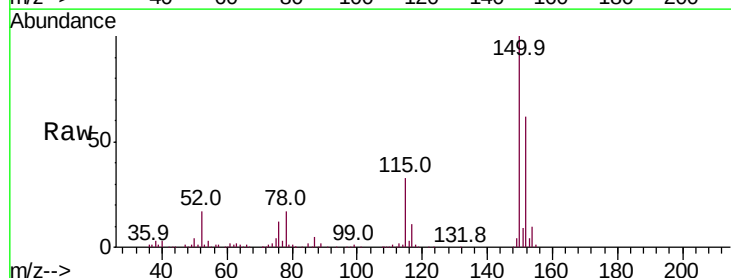
Tgt Ion:152 Resp: 308850

Ion Ratio Lower Upper

152 100

115 53.3 28.9 86.8

150 160.7 0.0 313.8



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

