

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067657.D
 Acq On : 17 Nov 2020 12:48
 Operator : VA/SY
 Sample : L4747-08
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-618-620

Quant Time: Nov 18 00:20:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	183824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	279893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	248627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	112694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	82341	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	7.92	113	85479	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.34	98	299178	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.64	95	92869	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	

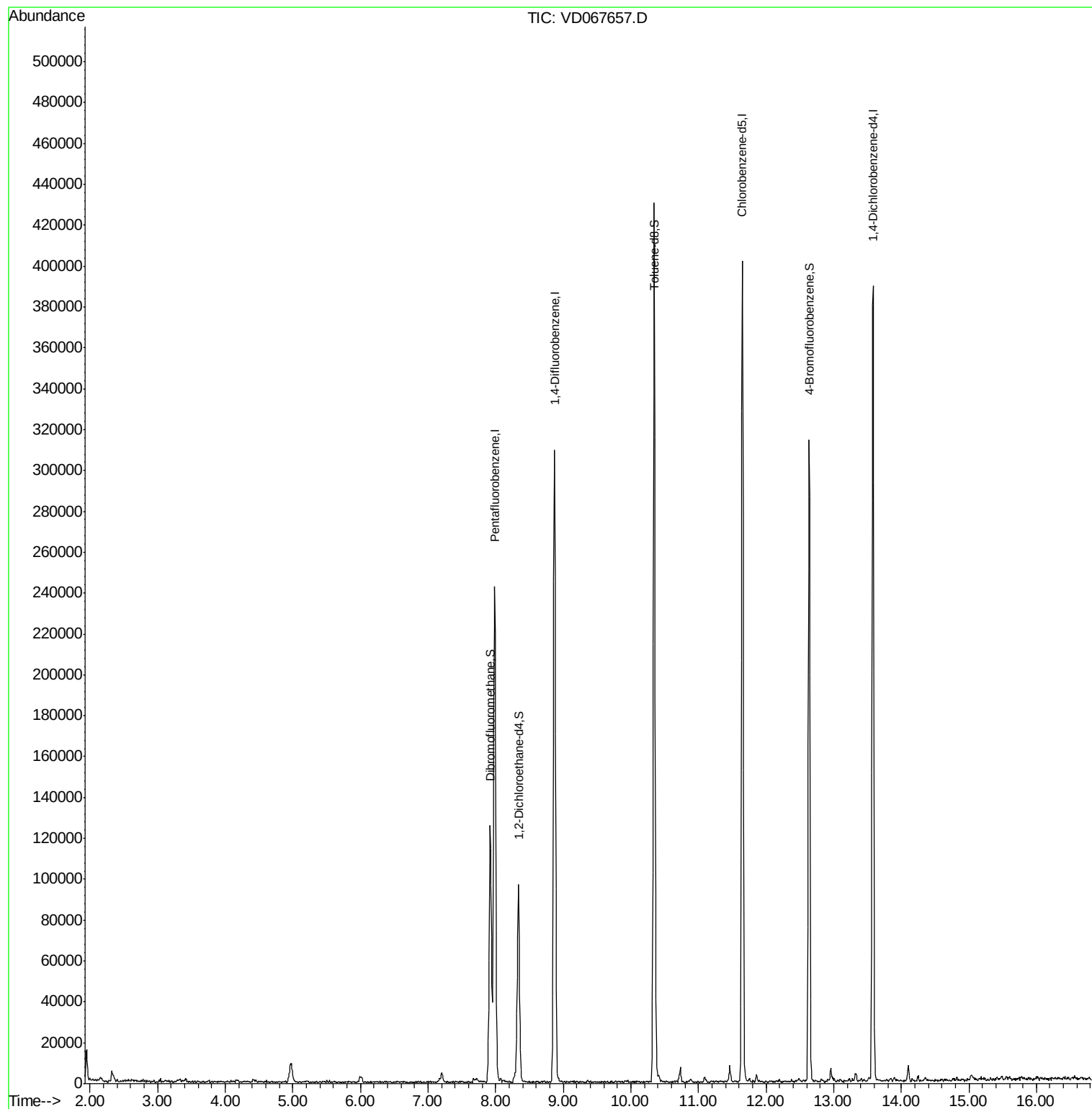
Target Compounds Qvalue

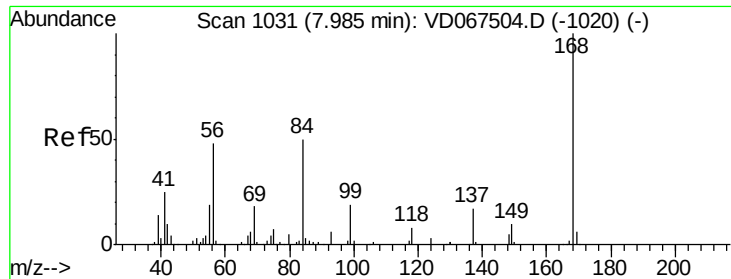
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111720\
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QLast Update : Wed Nov 04 00:56:28 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067657.D

Acq: 17 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

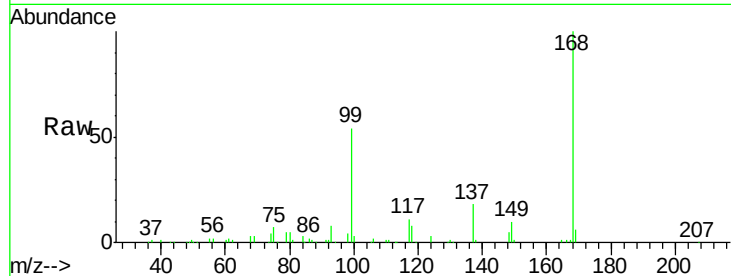
BP-VPB178-GW-618-620

Tot Ion:168 Resp: 183824

Ion Ratio Lower Upper

168 100

99 53.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

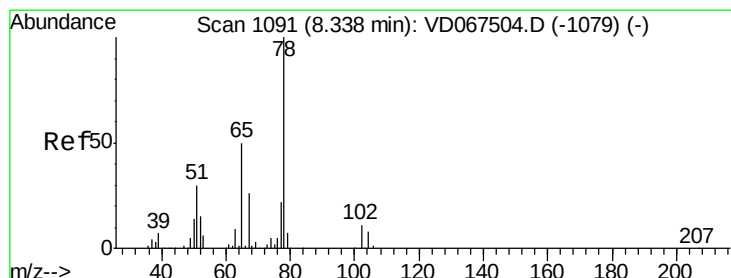
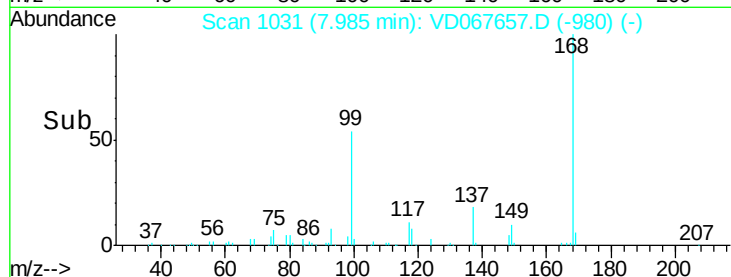
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.228 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067657.D

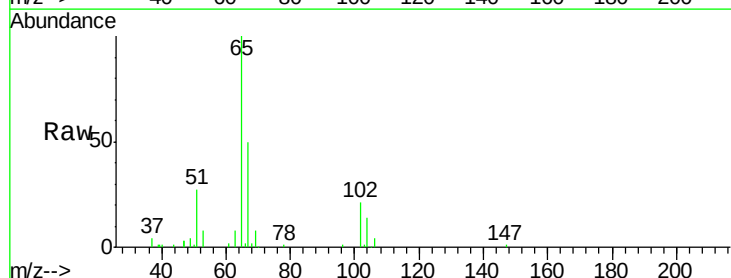
Acq: 17 Nov 2020 12:48

Tgt Ion: 65 Resp: 82341

Ion Ratio Lower Upper

65 100

67 48.3 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

40000

30000

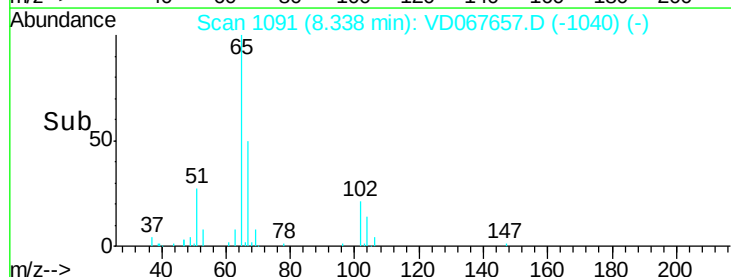
20000

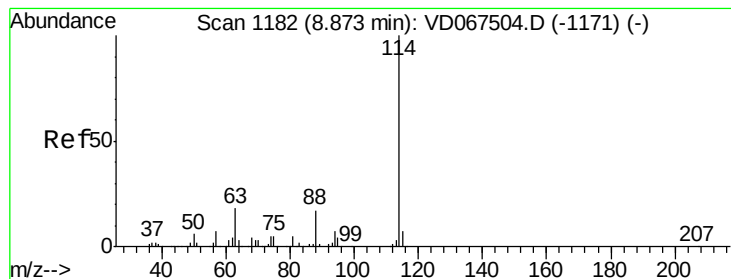
10000

0

8.25 8.30 8.35 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VD067657.D

Acq: 17 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB178-GW-618-620

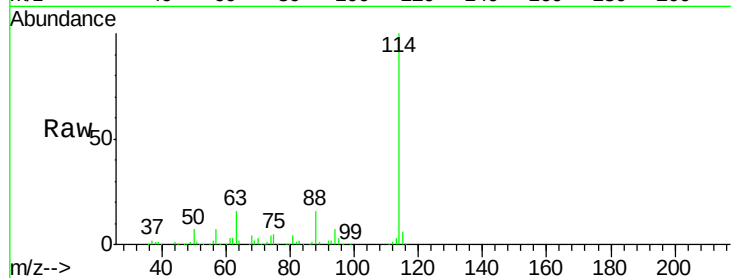
Tot Ion:114 Resp: 279893

Ion Ratio Lower Upper

114 100

63 15.8 0.0 35.0

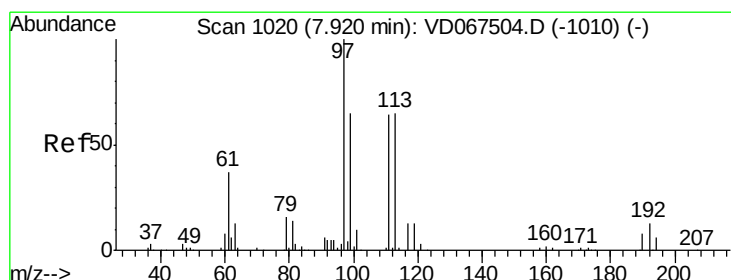
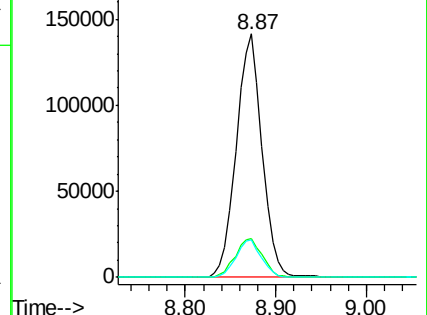
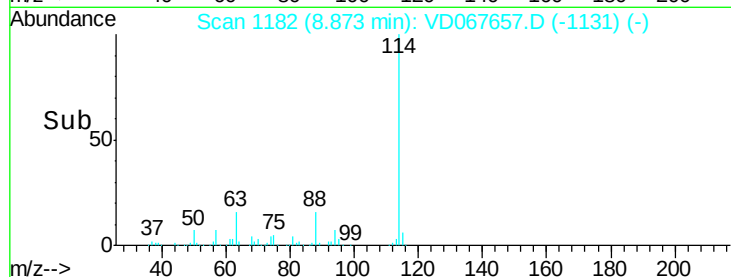
88 15.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.689 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067657.D

Acq: 17 Nov 2020 12:48

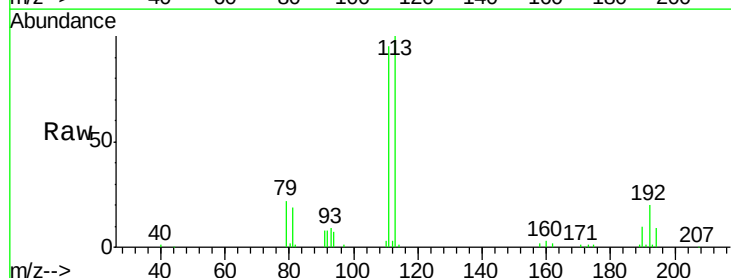
Tgt Ion:113 Resp: 85479

Ion Ratio Lower Upper

113 100

111 100.5 80.0 120.0

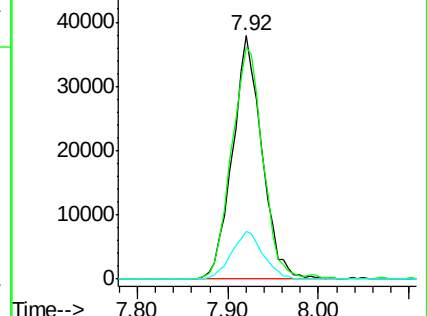
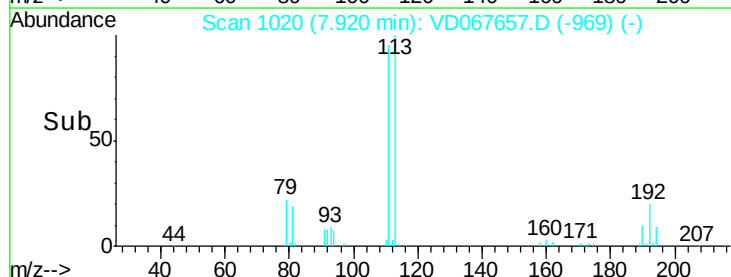
192 20.9 16.3 24.5

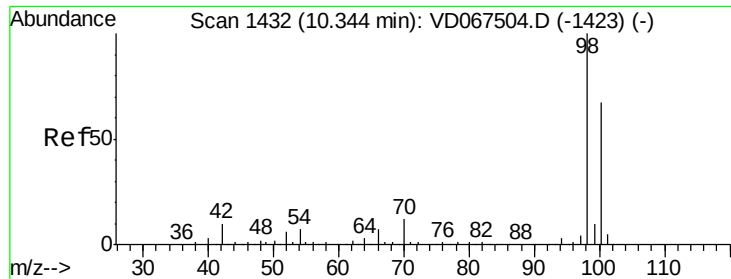


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.484 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067657.D

Acq: 17 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

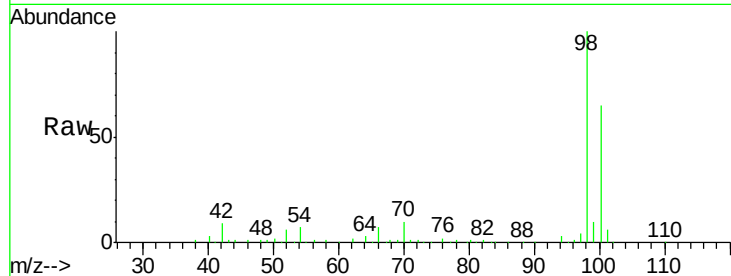
BP-VPB178-GW-618-620

Tot Ion: 98 Resp: 299178

Ion Ratio Lower Upper

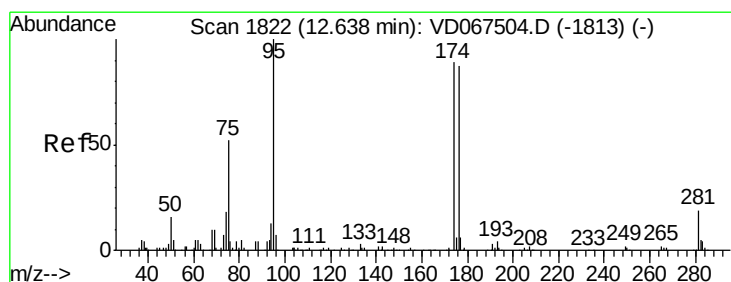
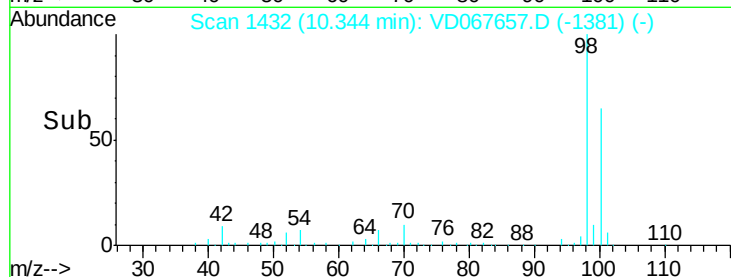
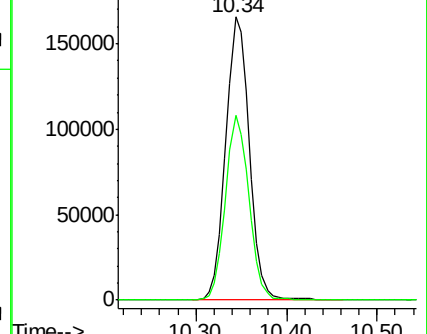
98 100

100 65.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 45.390 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067657.D

Acq: 17 Nov 2020 12:48

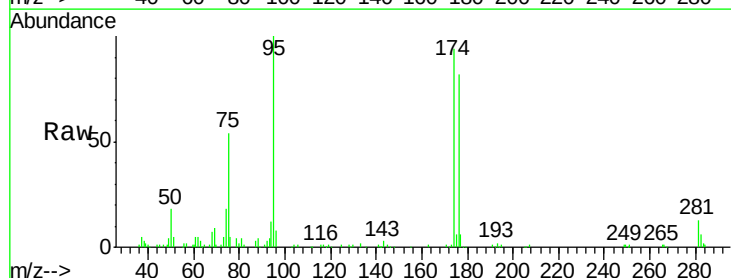
Tgt Ion: 95 Resp: 92869

Ion Ratio Lower Upper

95 100

174 92.1 0.0 177.8

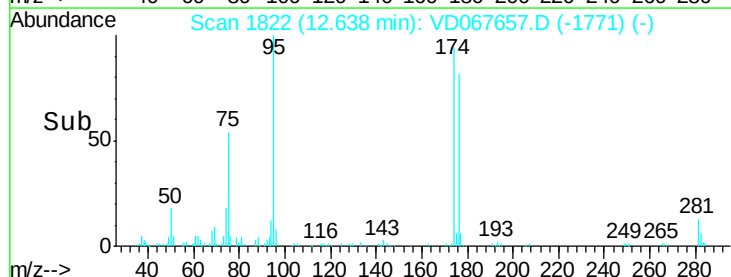
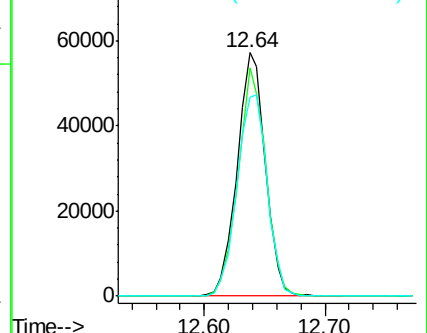
176 88.7 0.0 172.0

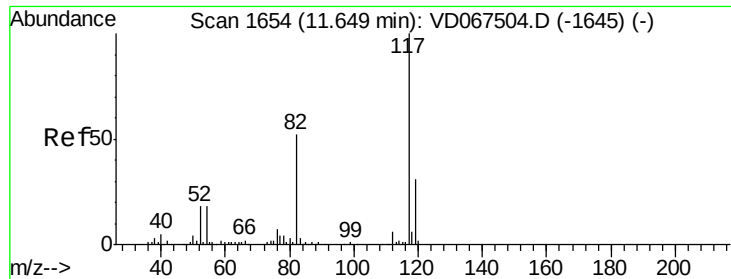


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

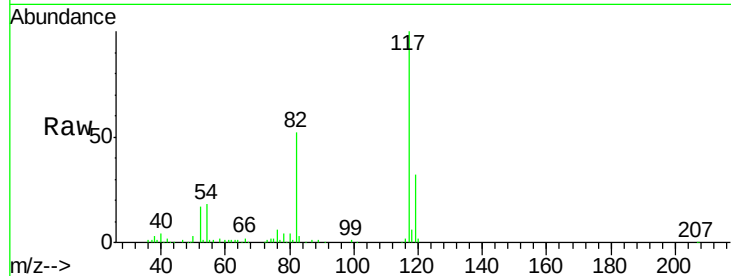




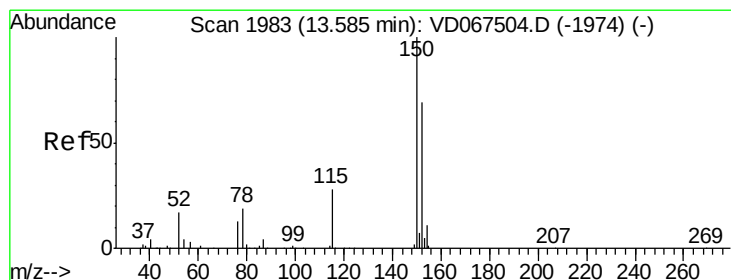
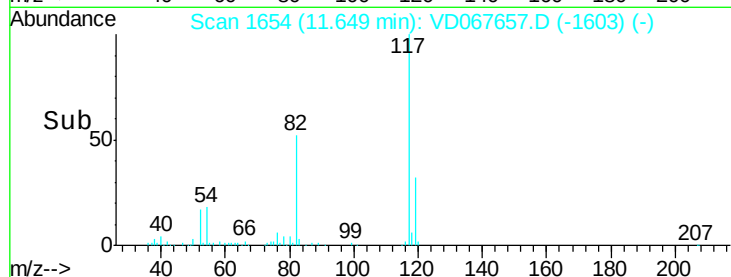
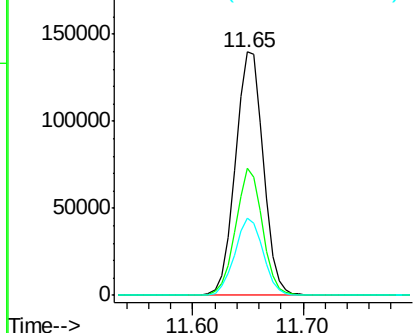
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067657.D
Acq: 17 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-618-620

Tot Ion:117 Resp: 248627
Ion Ratio Lower Upper
117 100
82 52.1 41.6 62.4
119 31.9 25.1 37.7

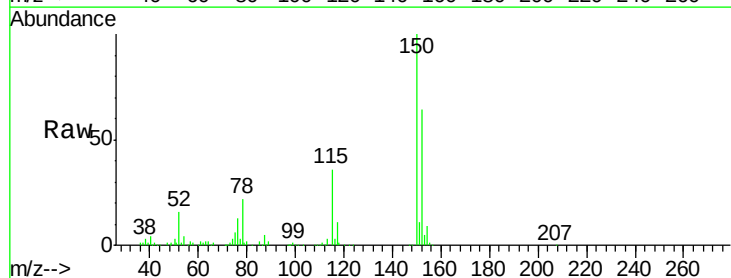


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD067657.D
Acq: 17 Nov 2020 12:48

Tgt Ion:152 Resp: 112694
Ion Ratio Lower Upper
152 100
115 59.3 29.3 88.0
150 157.3 0.0 338.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

