

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067652.D
 Acq On : 17 Nov 2020 10:27
 Operator : VA/SY
 Sample : VD1117SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBL01

Quant Time: Nov 18 00:06:13 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	251806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	392072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	362278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	167998	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	117374	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	7.92	113	118119	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.34	98	388254	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
62) 4-Bromofluorobenzene	12.64	95	128657	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	

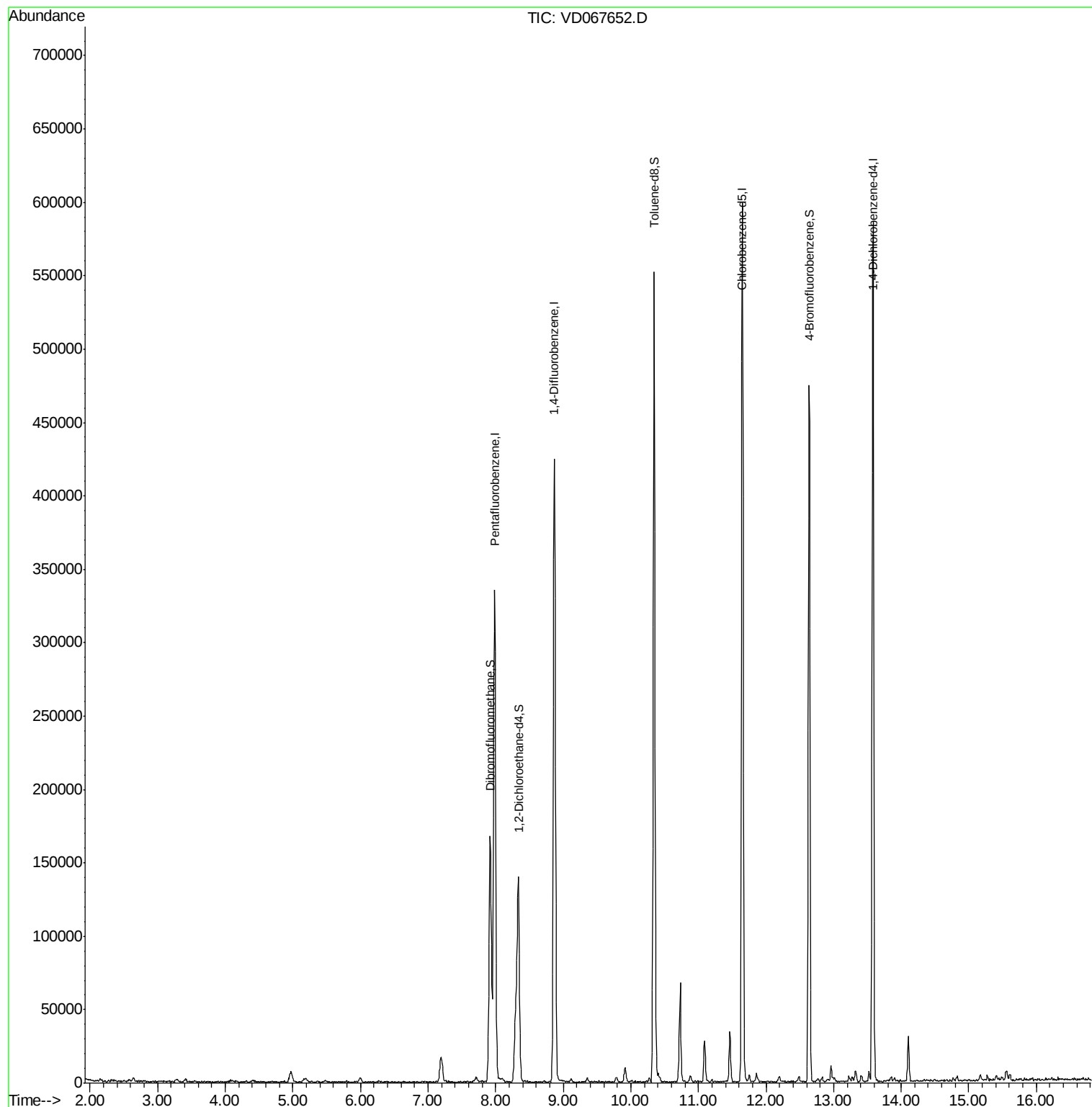
Target Compounds	Qvalue

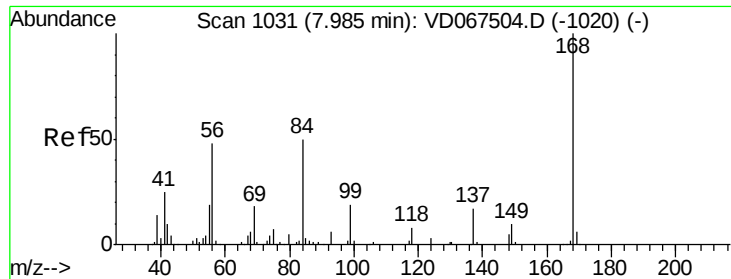
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067652.D

Acq: 17 Nov 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

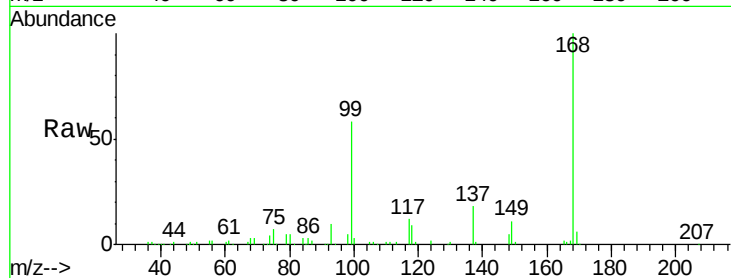
VD1117SBL01

Tot Ion:168 Resp: 251806

Ion Ratio Lower Upper

168 100

99 57.5 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

120000

100000

80000

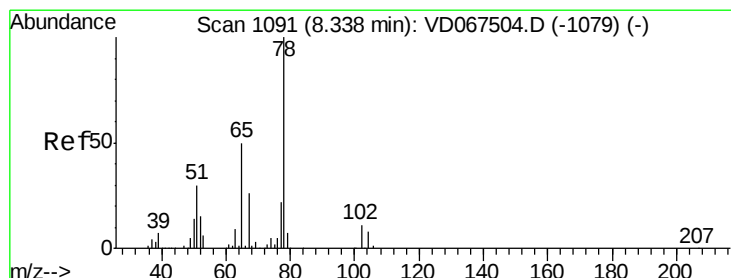
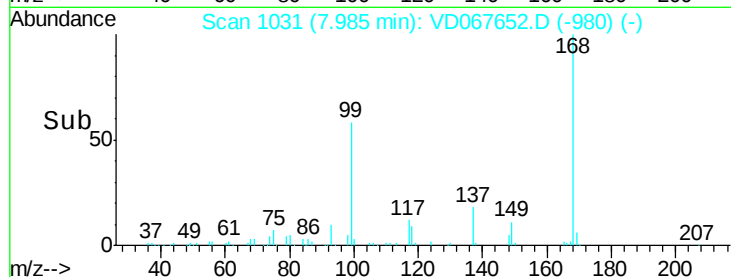
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.309 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067652.D

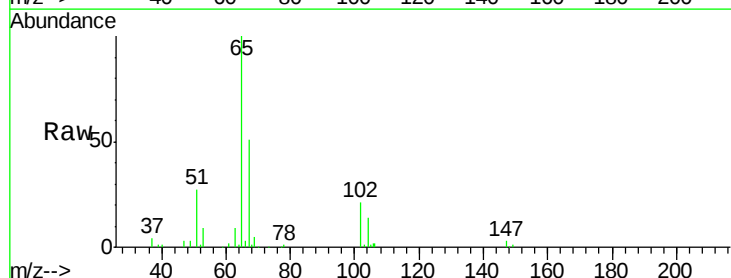
Acq: 17 Nov 2020 10:27

Tgt Ion: 65 Resp: 117374

Ion Ratio Lower Upper

65 100

67 49.4 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

60000

50000

40000

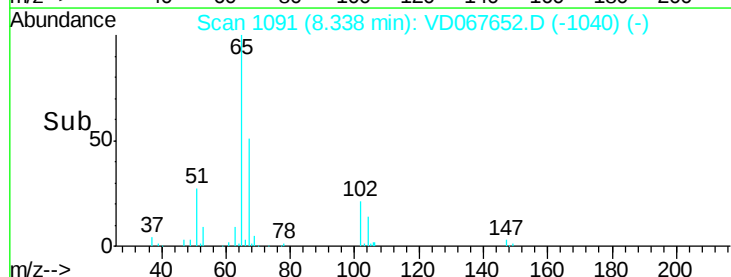
30000

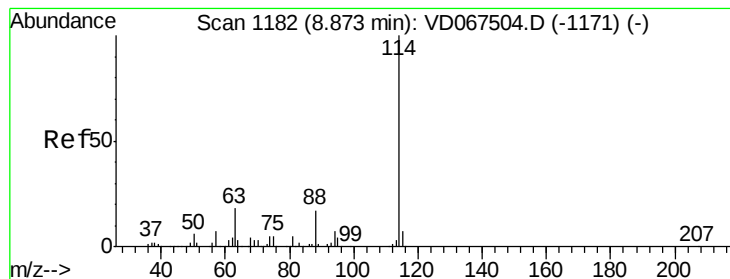
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067652.D

Acq: 17 Nov 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBL01

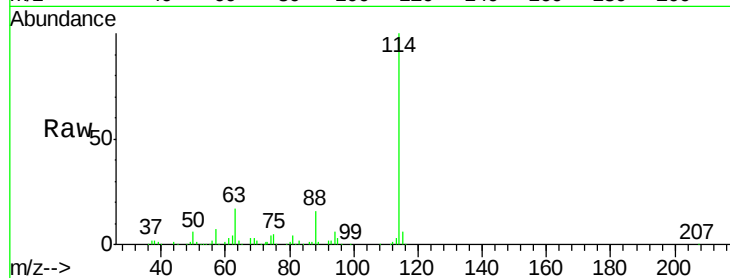
Tot Ion:114 Resp: 392072

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

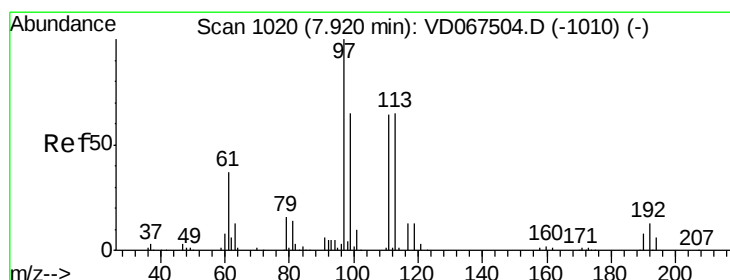
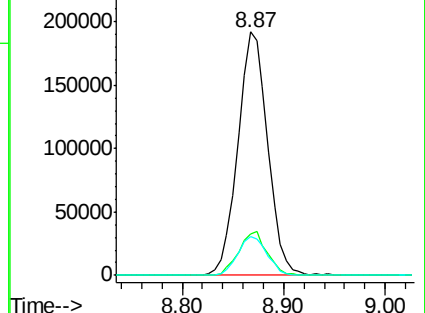
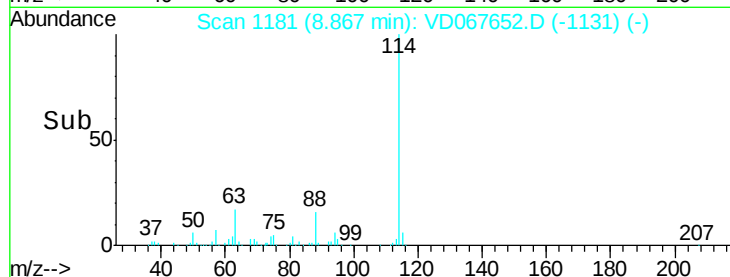
88 15.8 0.0 33.0



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: 50.003 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067652.D

Acq: 17 Nov 2020 10:27

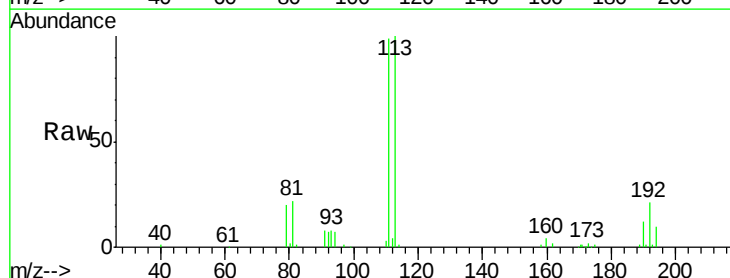
Tgt Ion:113 Resp: 118119

Ion Ratio Lower Upper

113 100

111 102.4 80.0 120.0

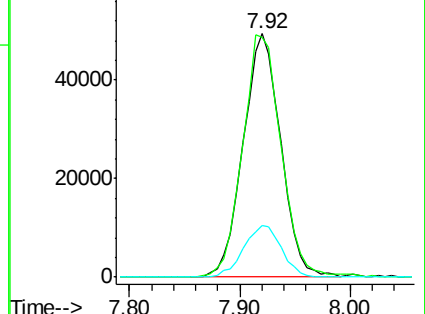
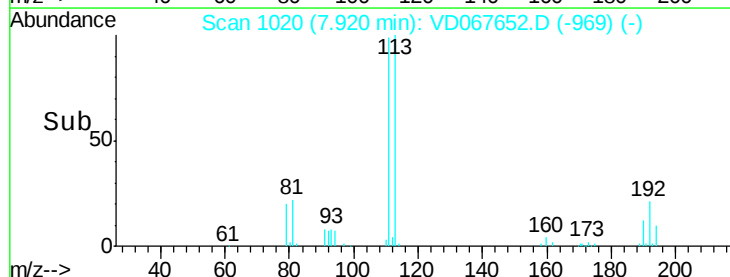
192 21.3 16.3 24.5

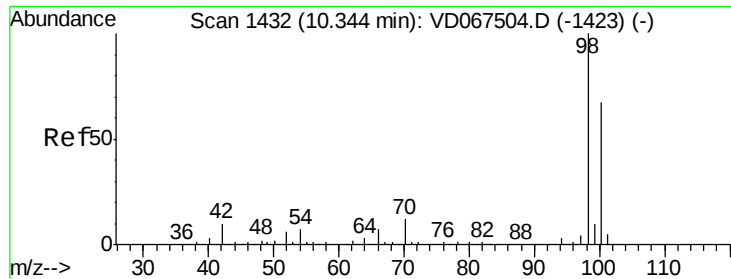


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.770 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067652.D

Acq: 17 Nov 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

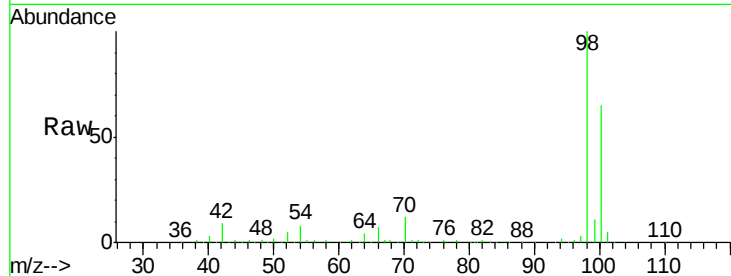
VD1117SBL01

Tot Ion: 98 Resp: 388254

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

250000

200000

150000

100000

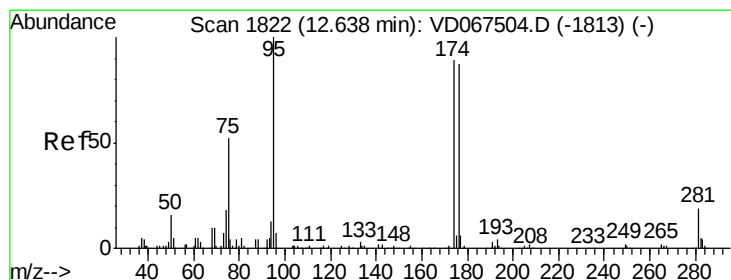
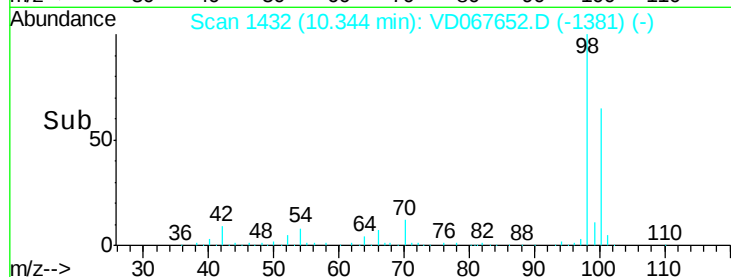
50000

0

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 44.890 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067652.D

Acq: 17 Nov 2020 10:27

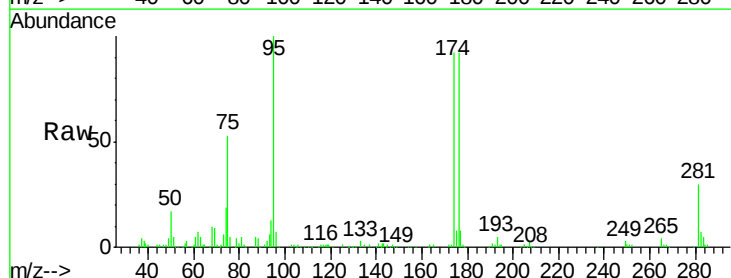
Tgt Ion: 95 Resp: 128657

Ion Ratio Lower Upper

95 100

174 92.9 0.0 177.8

176 91.3 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

100000

80000

60000

40000

20000

0

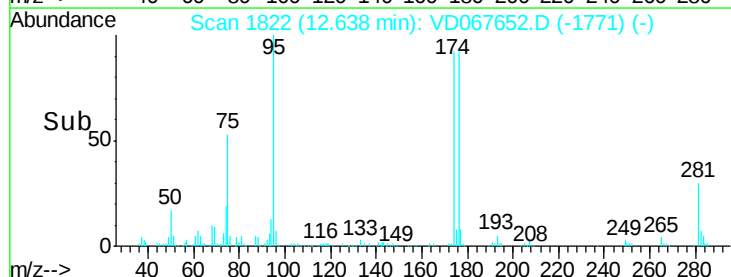
12.55

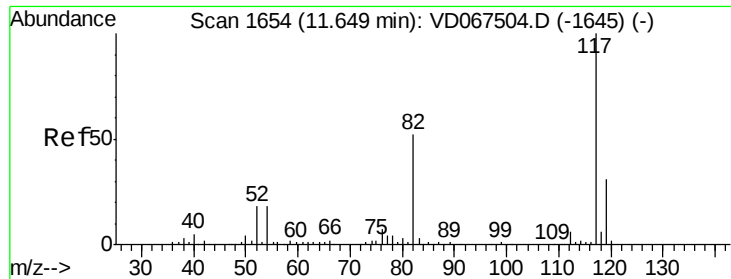
12.60

12.65

12.70

Time-->

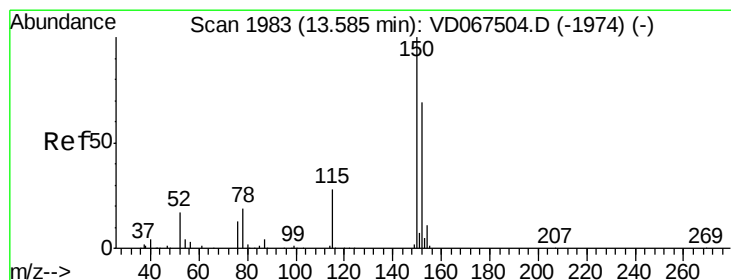
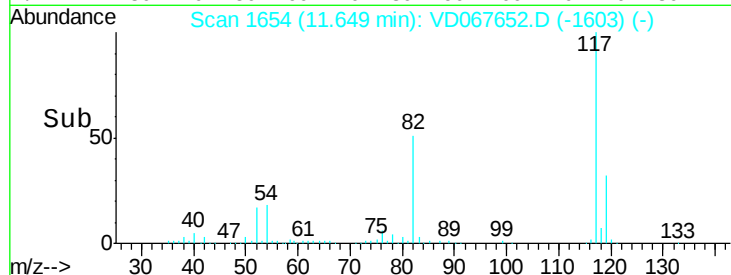
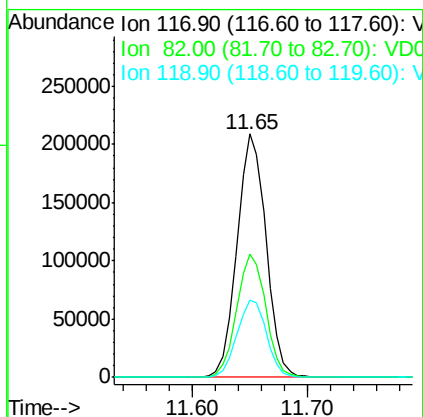
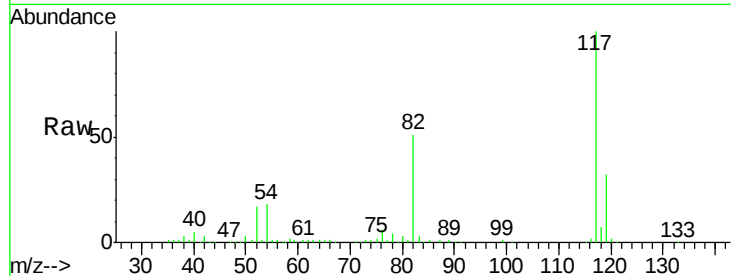




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067652.D
Acq: 17 Nov 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBL01

Tot Ion:117 Resp: 362278
Ion Ratio Lower Upper
117 100
82 50.8 41.6 62.4
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067652.D
Acq: 17 Nov 2020 10:27

Tgt Ion:152 Resp: 167998
Ion Ratio Lower Upper
152 100
115 60.1 29.3 88.0
150 157.6 0.0 338.2

