

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067664.D
 Acq On : 17 Nov 2020 15:58
 Operator : VA/SY
 Sample : L4771-10
 Misc : 5.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-02-2-3

Quant Time: Nov 18 00:36:50 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	188883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	311900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	350262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	186250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	104814	63.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.92%	
35) Dibromofluoromethane	7.93	113	104136	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
50) Toluene-d8	10.34	98	382585	57.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.86%	
62) 4-Bromofluorobenzene	12.64	95	153568	67.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.72%	

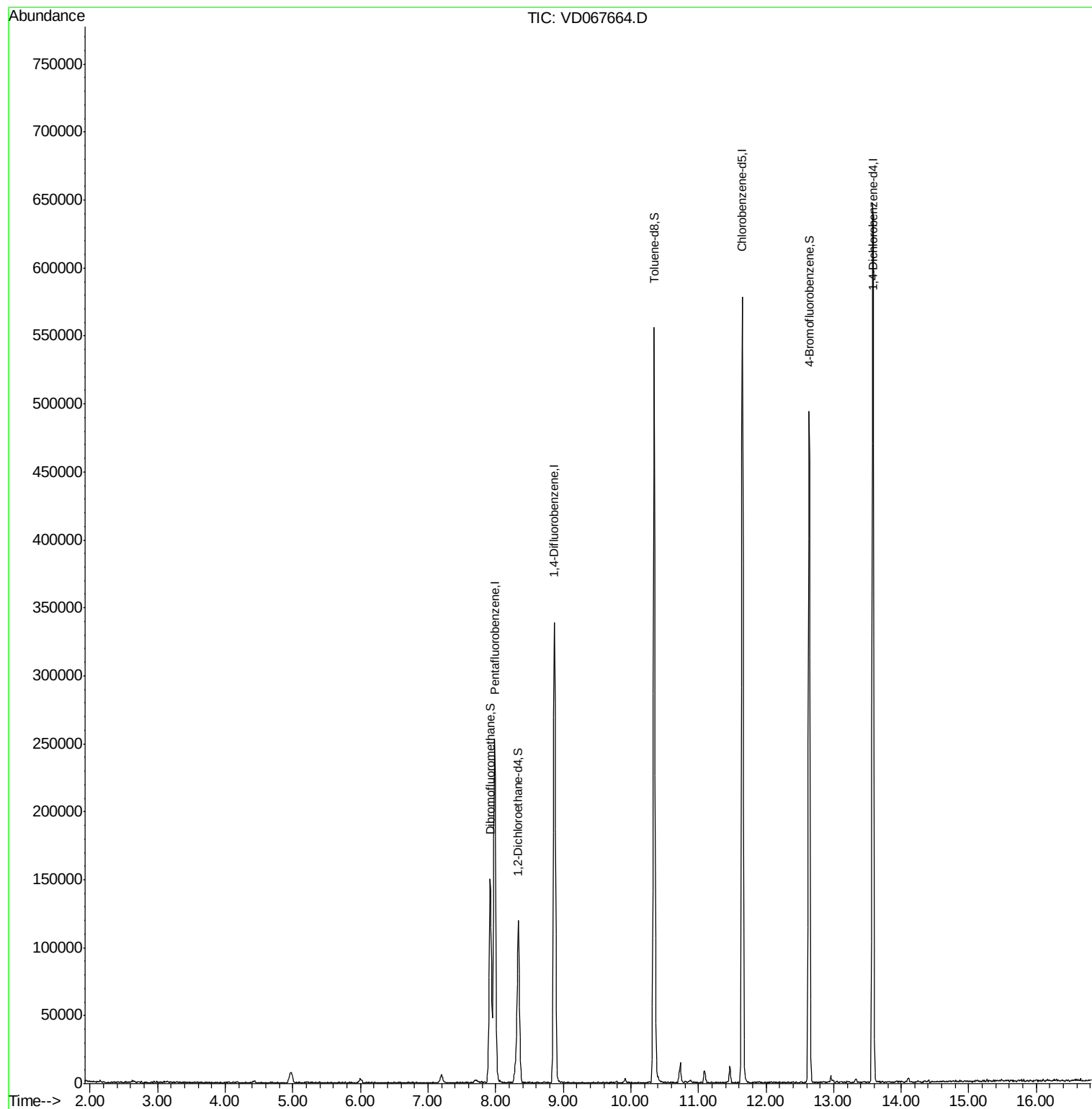
Target Compounds	Qvalue

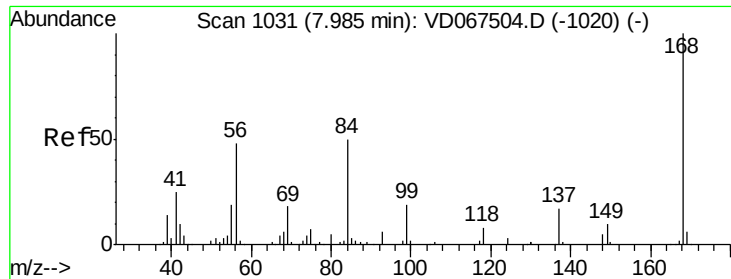
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067664.D

Acq: 17 Nov 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

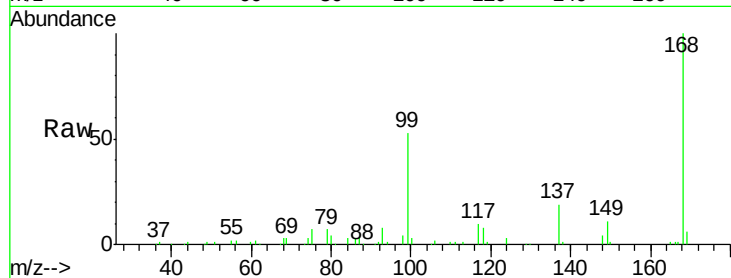
CD-BH-02-2-3

Tot Ion:168 Resp: 188883

Ion Ratio Lower Upper

168 100

99 52.6 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

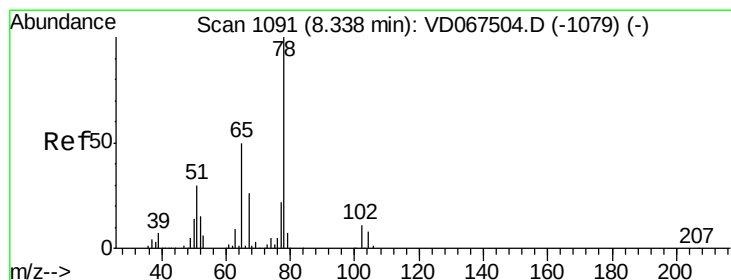
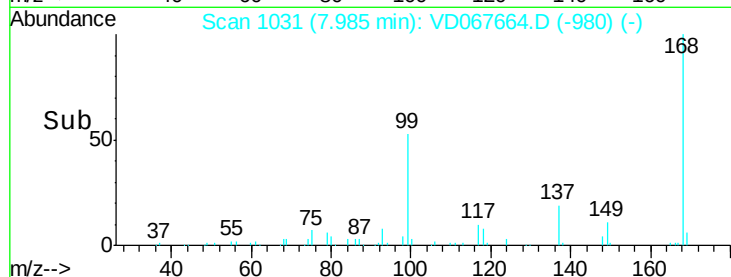
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 63.463 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067664.D

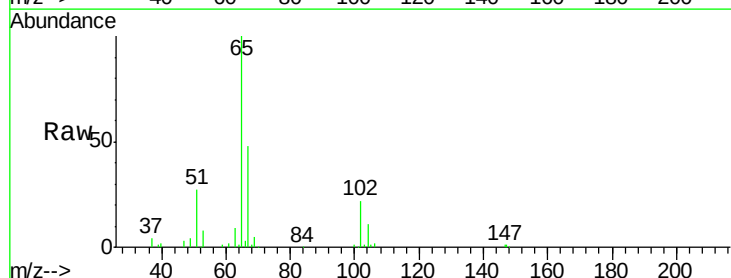
Acq: 17 Nov 2020 15:58

Tgt Ion: 65 Resp: 104814

Ion Ratio Lower Upper

65 100

67 48.6 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

50000

40000

30000

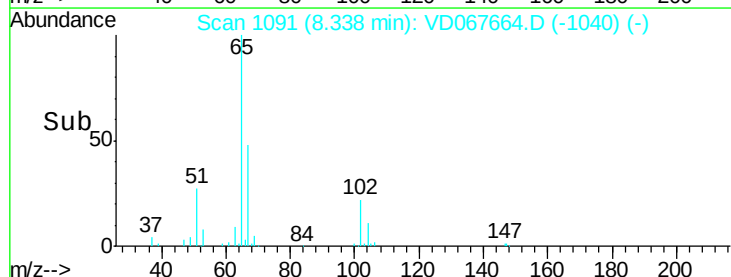
20000

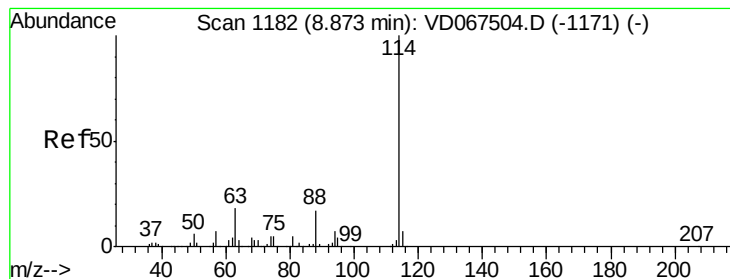
10000

0

8.30 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: VD067664.D

Acq: 17 Nov 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

CD-BH-02-2-3

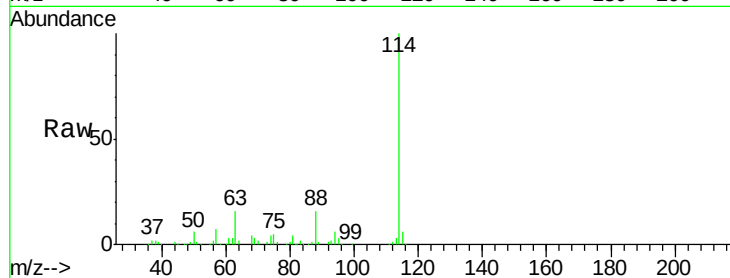
Tot Ion:114 Resp: 311900

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

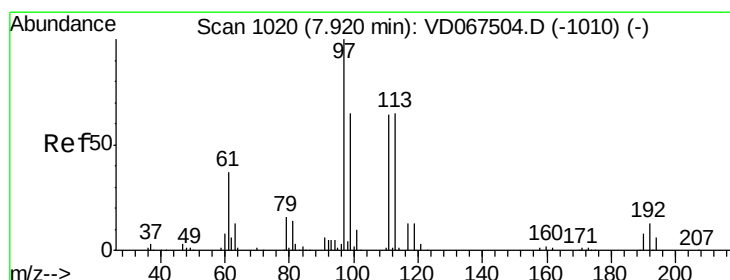
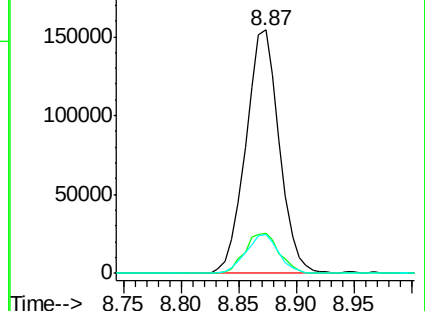
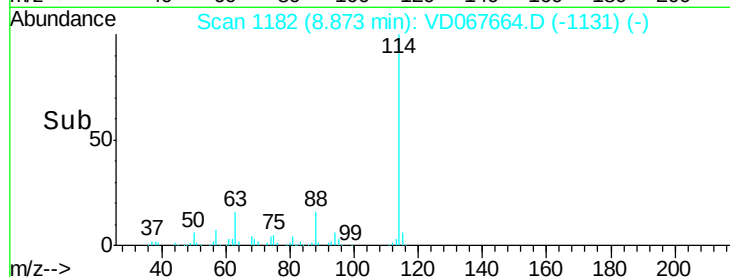
88 15.7 0.0 33.0



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: 55.415 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD067664.D

Acq: 17 Nov 2020 15:58

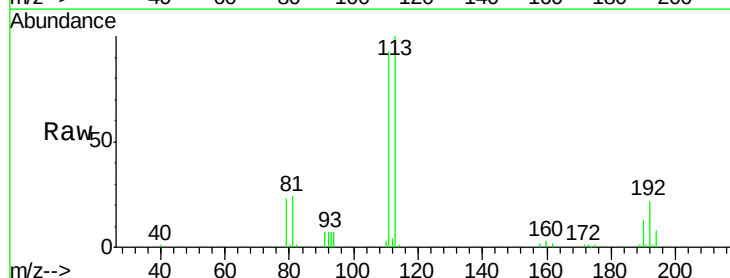
Tgt Ion:113 Resp: 104136

Ion Ratio Lower Upper

113 100

111 101.8 80.0 120.0

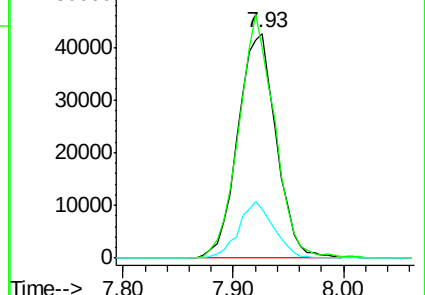
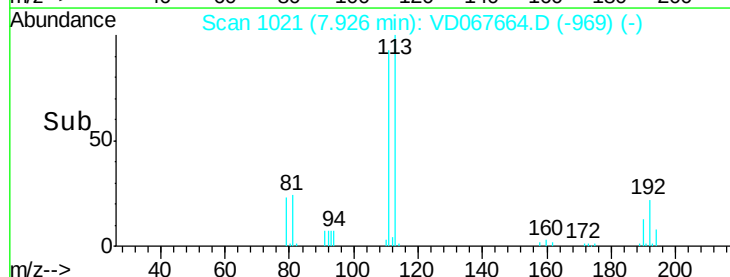
192 22.8 16.3 24.5

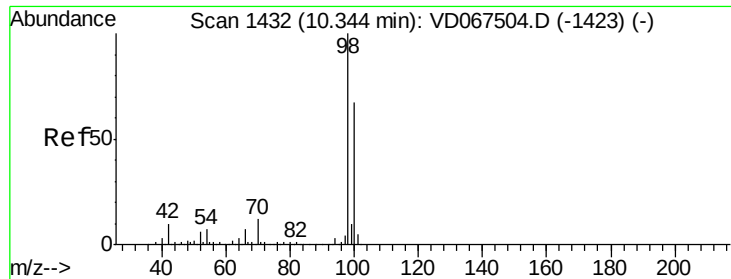


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 57.933 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067664.D

Acq: 17 Nov 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

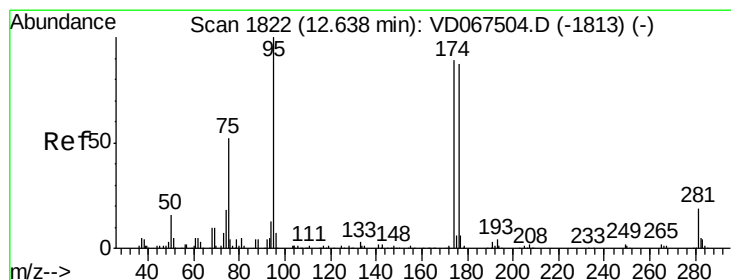
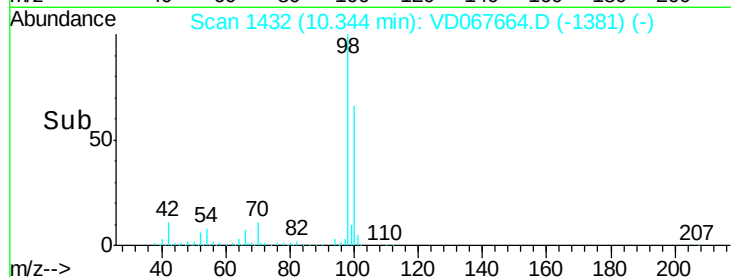
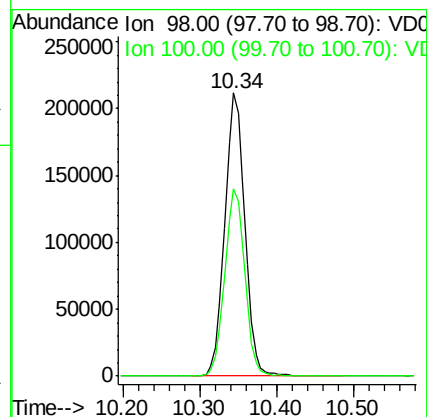
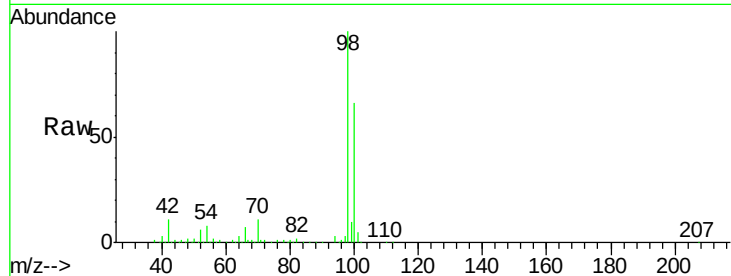
CD-BH-02-2-3

Tot Ion: 98 Resp: 382585

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 67.355 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067664.D

Acq: 17 Nov 2020 15:58

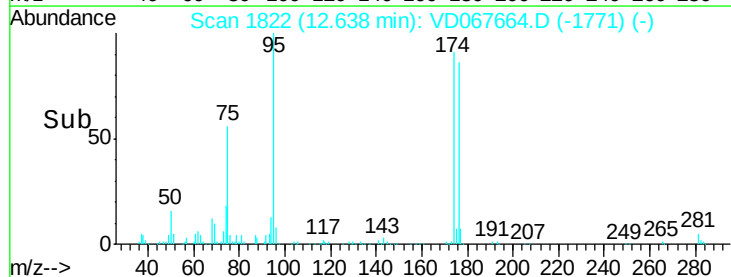
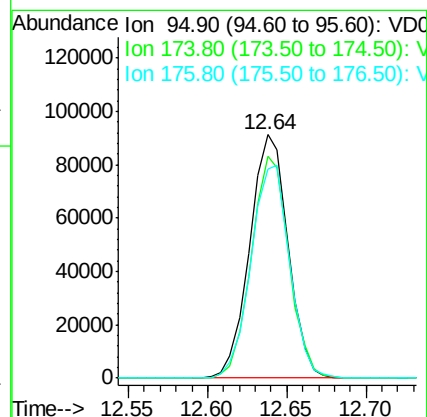
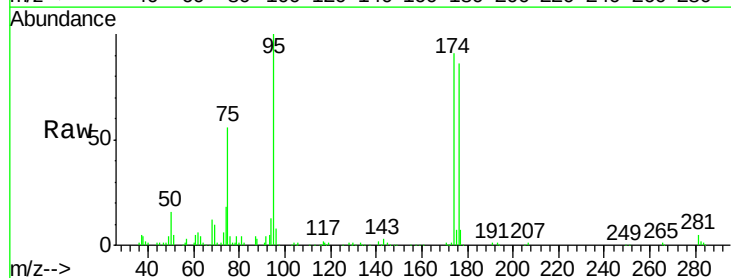
Tgt Ion: 95 Resp: 153568

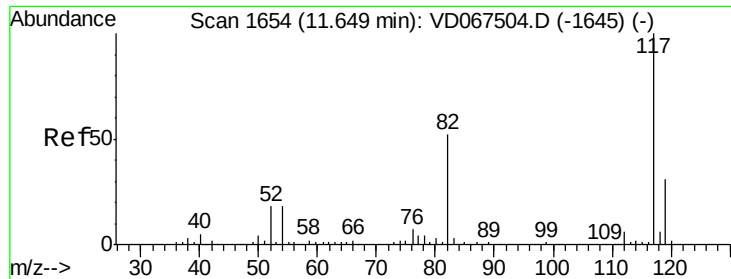
Ion Ratio Lower Upper

95 100

174 89.3 0.0 177.8

176 88.4 0.0 172.0

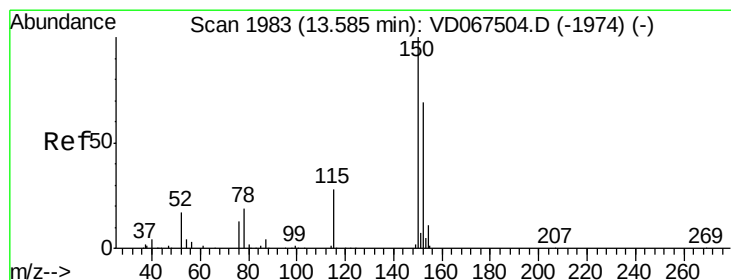
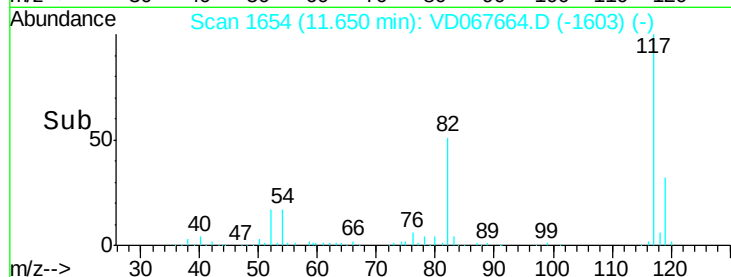
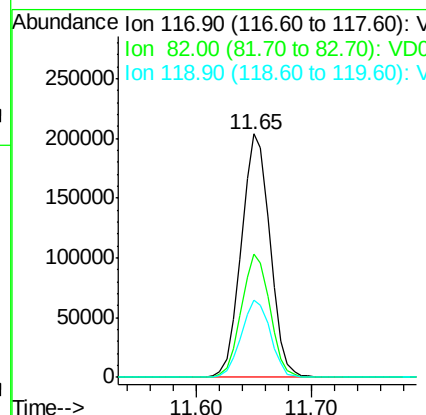
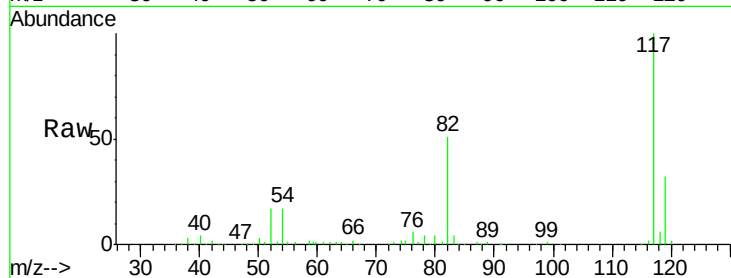




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067664.D
Acq: 17 Nov 2020 15:58

Instrument :
MSVOA_D
ClientSampleId :
CD-BH-02-2-3

Tot Ion:117 Resp: 350262
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# 1982
Delta R.T. -0.01 min
Lab File: VD067664.D
Acq: 17 Nov 2020 15:58

Tgt Ion:152 Resp: 186250
Ion Ratio Lower Upper
152 100
115 57.3 29.3 88.0
150 155.0 0.0 338.2

