

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067556.D
 Acq On : 09 Nov 2020 10:41
 Operator : VA/SY
 Sample : VD1109SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBL01

Quant Time: Nov 10 00:33:08 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	301227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	473957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	487974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246739	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	152137	57.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.52%	
35) Dibromofluoromethane	7.92	113	150852	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
50) Toluene-d8	10.34	98	559779	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.64	95	212509	61.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.68%	

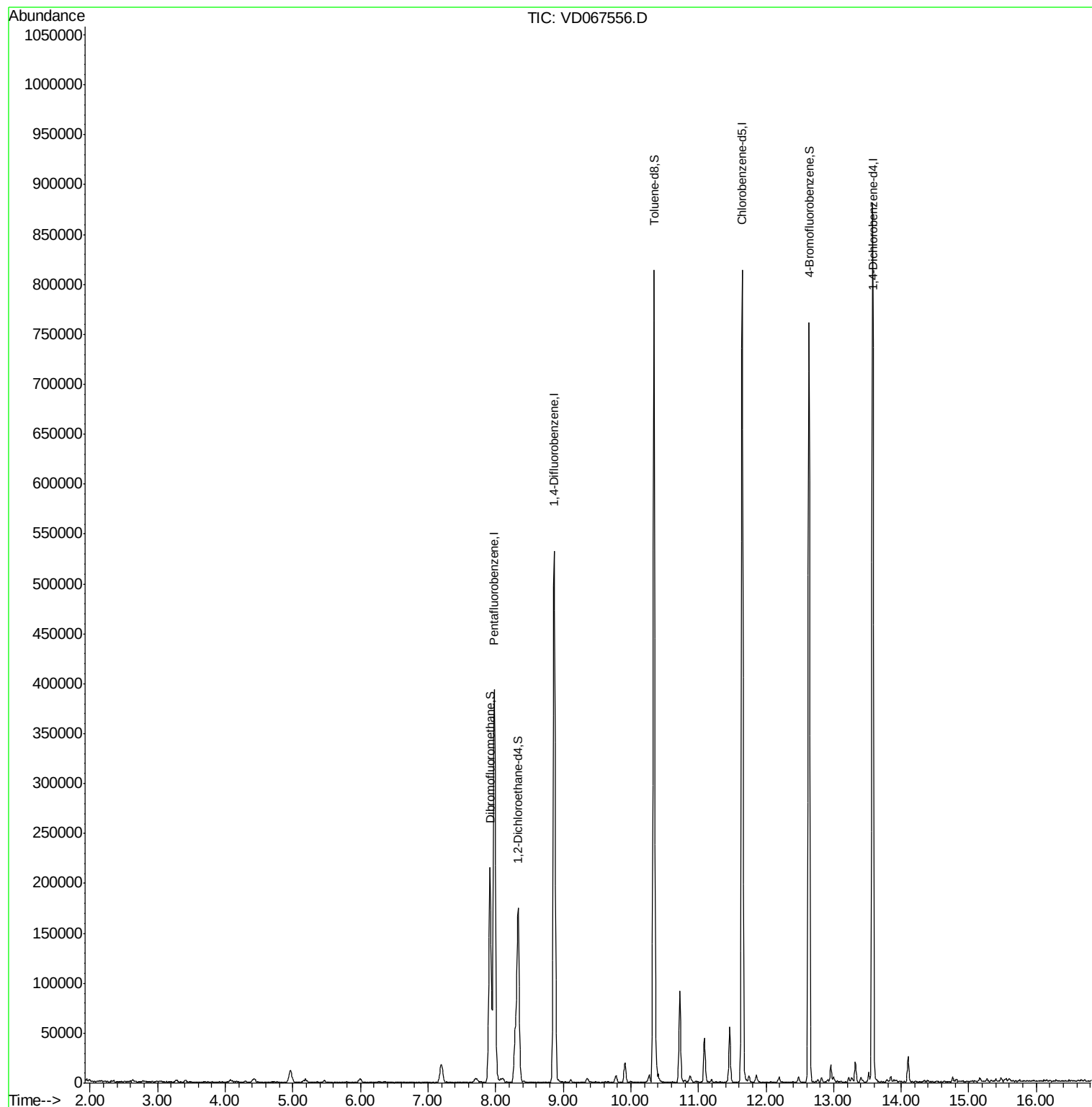
Target Compounds	Qvalue

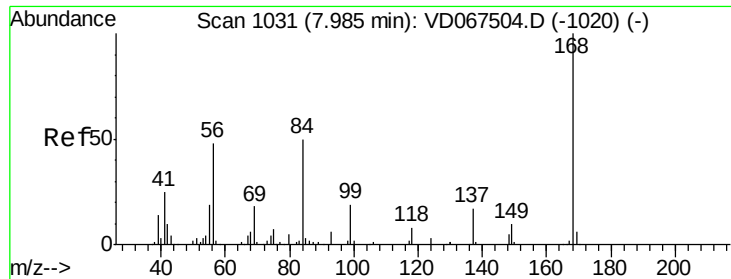
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

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Acq: 09 Nov 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

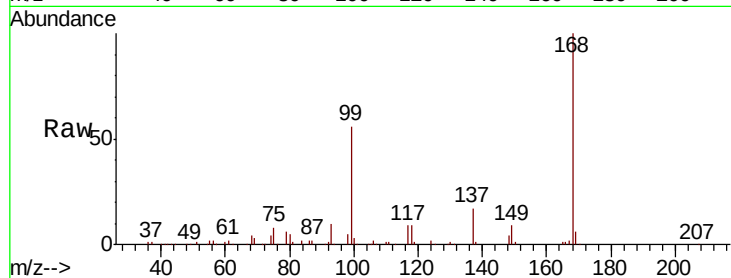
VD1109SBL01

Tot Ion:168 Resp: 301227

Ion Ratio Lower Upper

168 100

99 55.9 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

150000

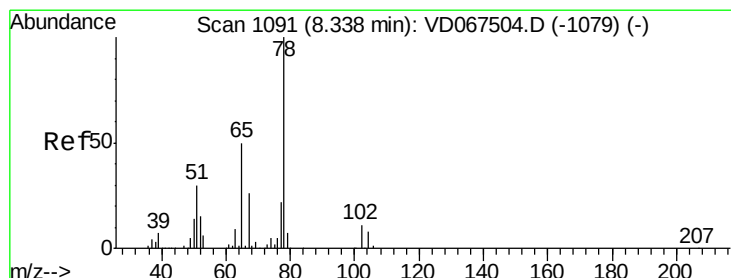
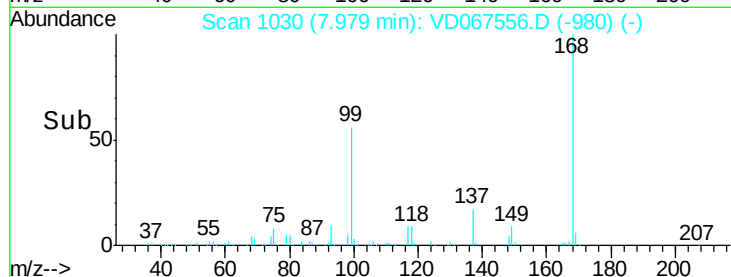
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.761 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067556.D

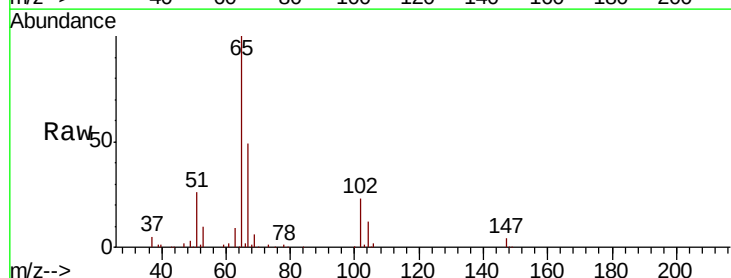
Acq: 09 Nov 2020 10:41

Tgt Ion: 65 Resp: 152137

Ion Ratio Lower Upper

65 100

67 48.2 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

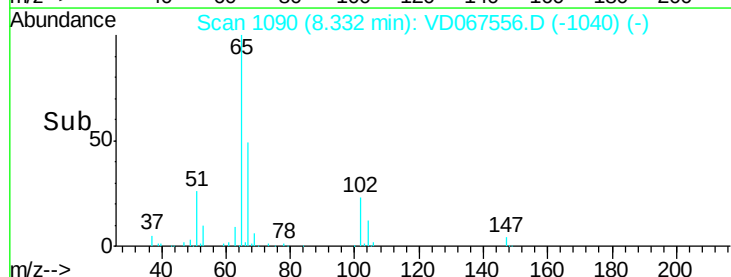
40000

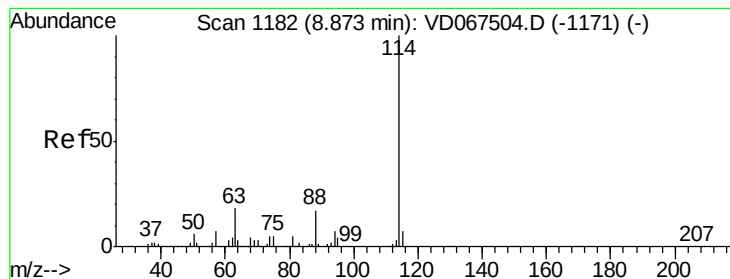
20000

0

8.25 8.30 8.35 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067556.D

Acq: 09 Nov 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VD1109SBL01

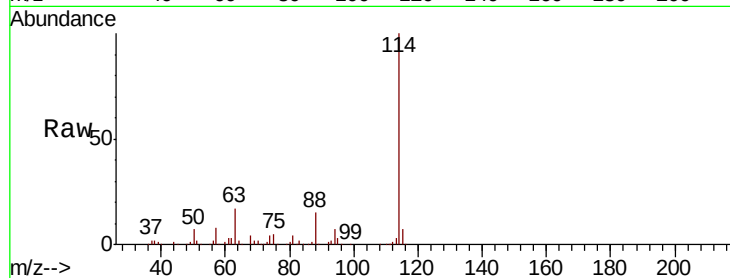
Tot Ion:114 Resp: 473957

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 14.9 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

300000

250000

200000

150000

100000

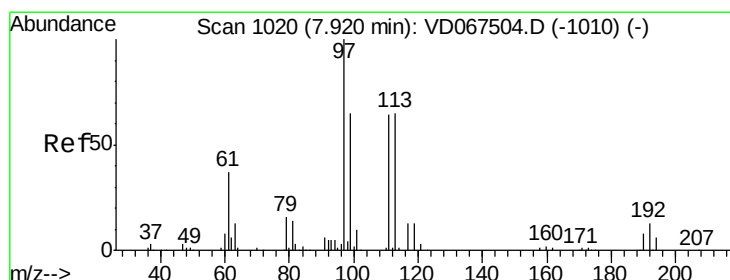
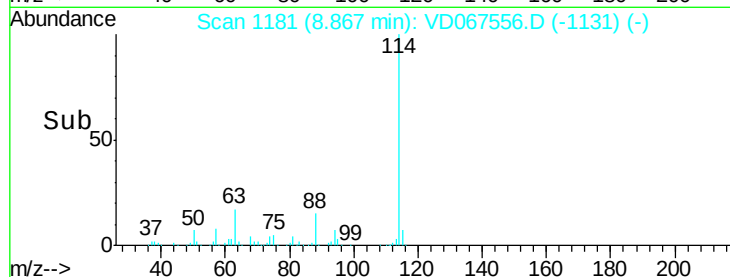
50000

0

8.87

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 52.827 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067556.D

Acq: 09 Nov 2020 10:41

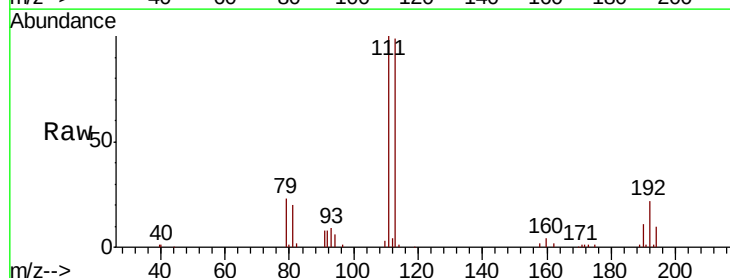
Tgt Ion:113 Resp: 150852

Ion Ratio Lower Upper

113 100

111 101.8 80.0 120.0

192 21.0 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

80000

60000

40000

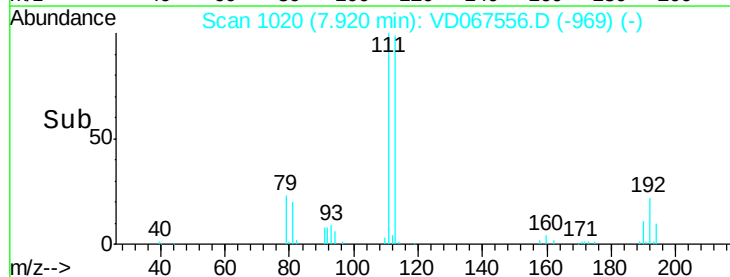
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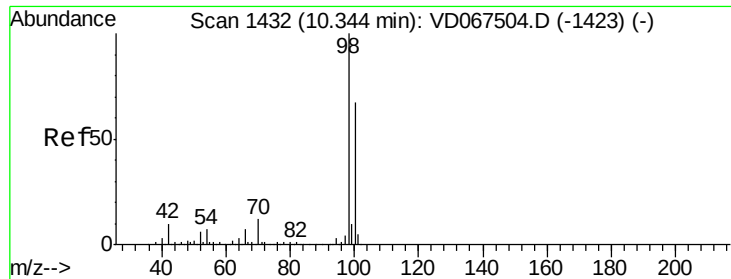
0

7.92

7.80 7.90 8.00

Time-->





#50

Toluene-d8

Concen: 55.782 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067556.D

Acq: 09 Nov 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

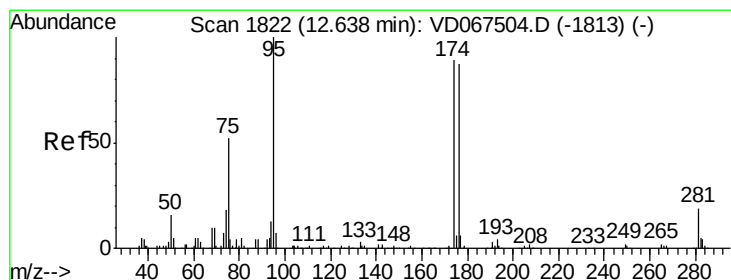
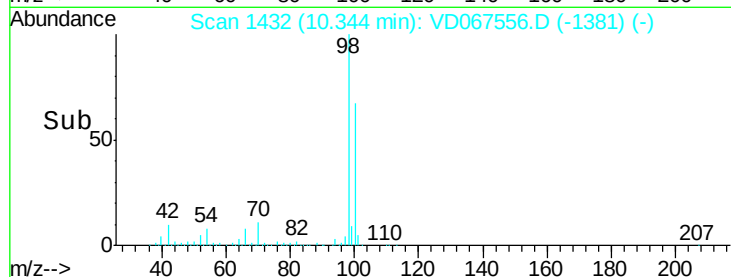
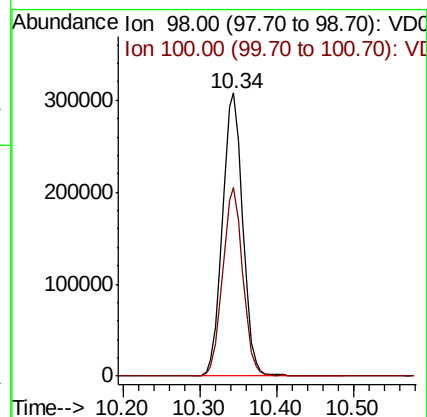
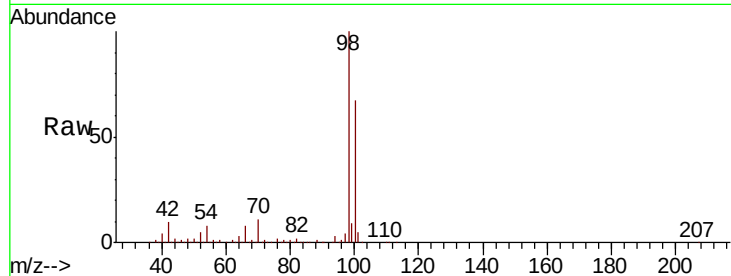
VD1109SBL01

Tot Ion: 98 Resp: 559779

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 61.337 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067556.D

Acq: 09 Nov 2020 10:41

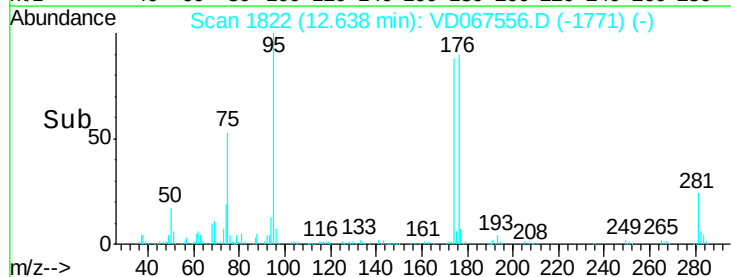
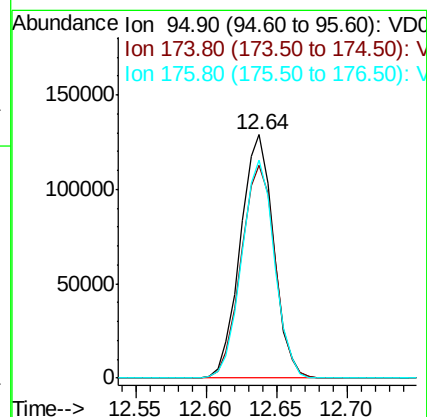
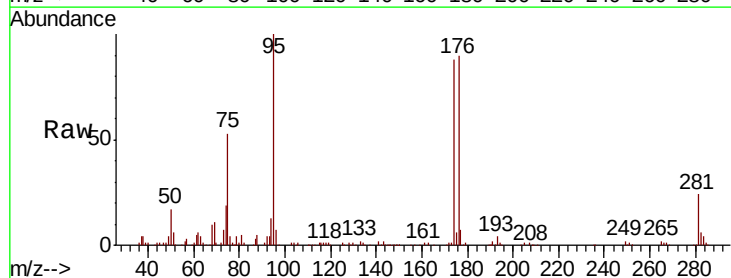
Tgt Ion: 95 Resp: 212509

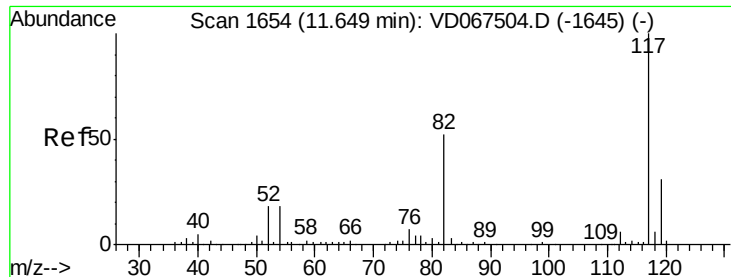
Ion Ratio Lower Upper

95 100

174 89.2 0.0 177.8

176 88.2 0.0 172.0

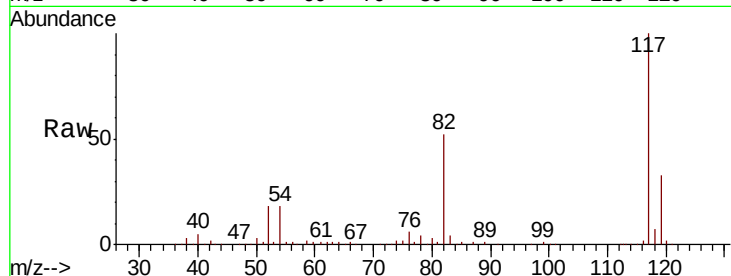




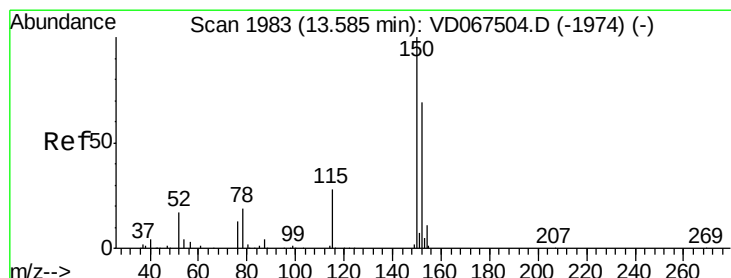
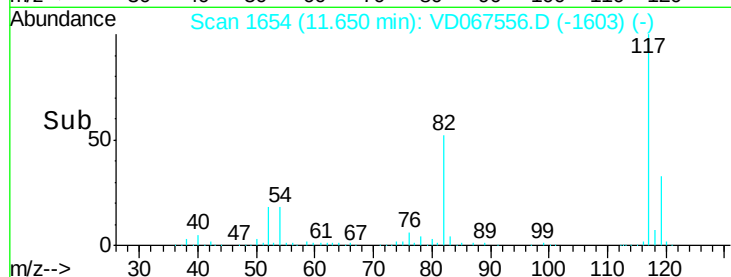
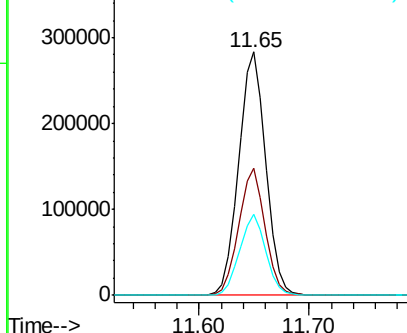
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067556.D
Acq: 09 Nov 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

Tot Ion:117 Resp: 487974
Ion Ratio Lower Upper
117 100
82 52.4 41.6 62.4
119 33.5 25.1 37.7

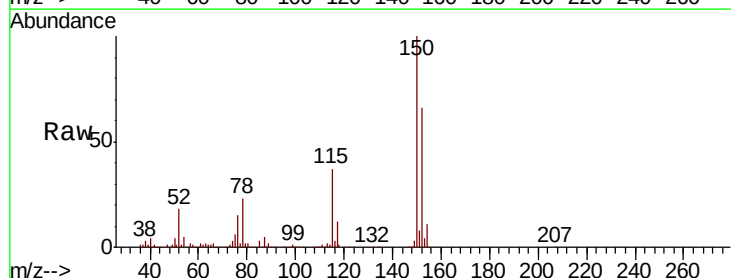


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067556.D
Acq: 09 Nov 2020 10:41

Tgt Ion:152 Resp: 246739
Ion Ratio Lower Upper
152 100
115 58.9 29.3 88.0
150 157.4 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

