

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
 Data File : VD067863.D
 Acq On : 03 Dec 2020 12:50
 Operator : VA/SY
 Sample : L4931-01
 Misc : 7.81G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-33-1-WC

Quant Time: Dec 04 01:25:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	240396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	343441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	309255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	150382	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	125003	48.44	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.88%
35) Dibromofluoromethane	7.91	113	107988	46.99	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.98%
50) Toluene-d8	10.34	98	388712	46.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.98%
62) 4-Bromofluorobenzene	12.64	95	128082	44.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.56%

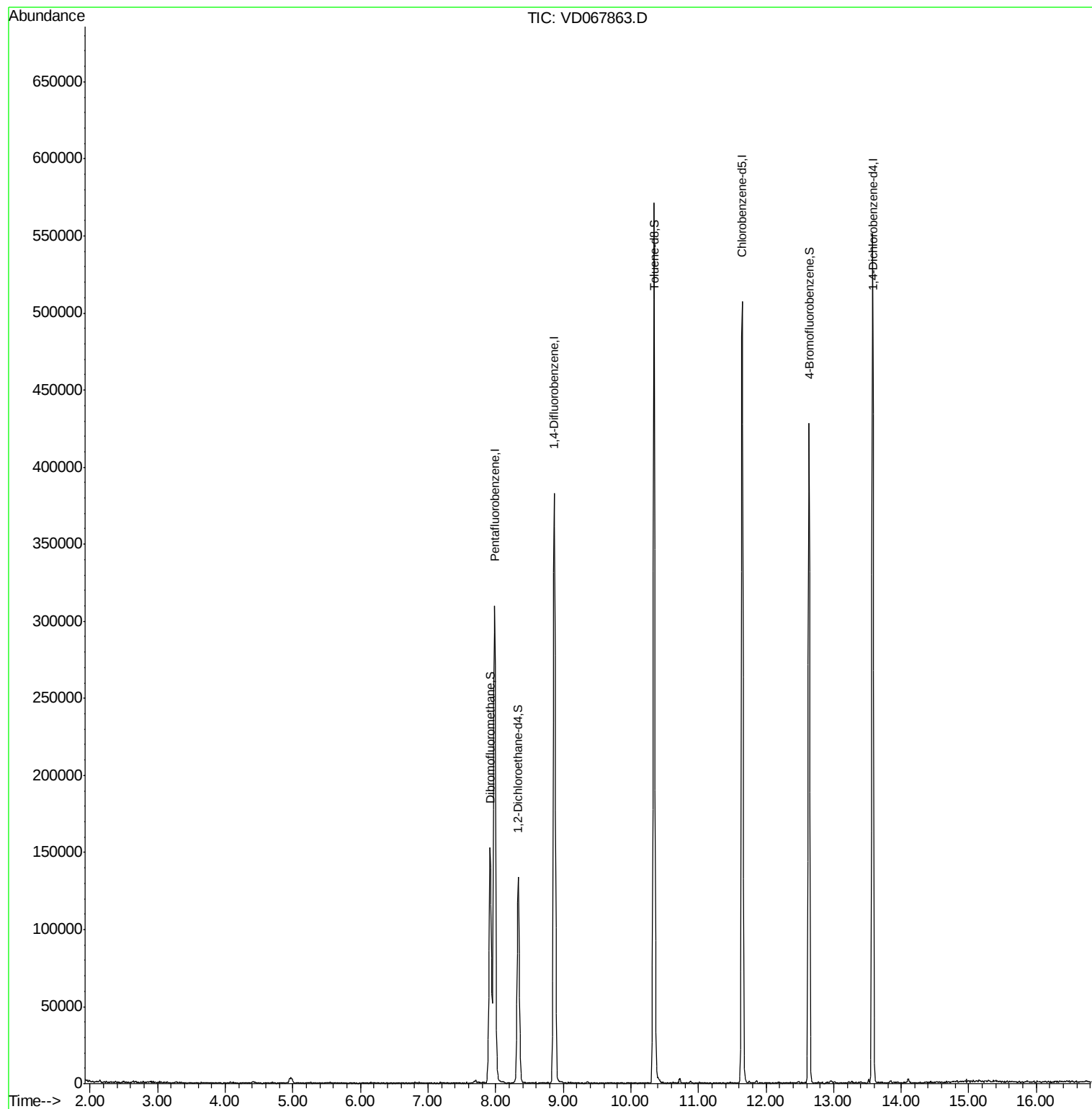
Target Compounds	Qvalue
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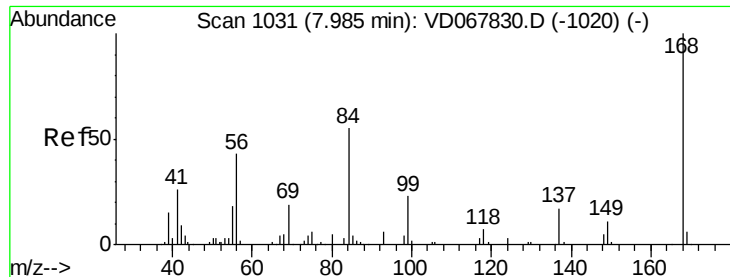
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067863.D

Acq: 03 Dec 2020 12:50

Instrument :

MSVOA_D

ClientSampleId :

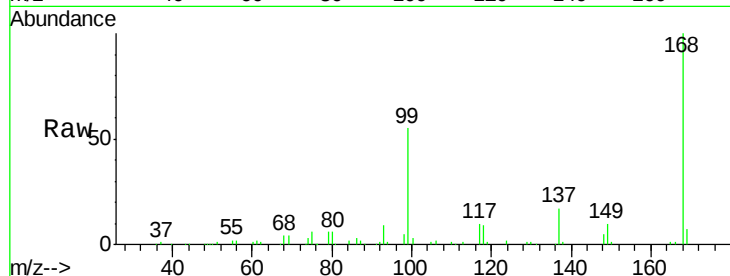
R-LA-33-1-WC

Tot Ion:168 Resp: 240396

Ion Ratio Lower Upper

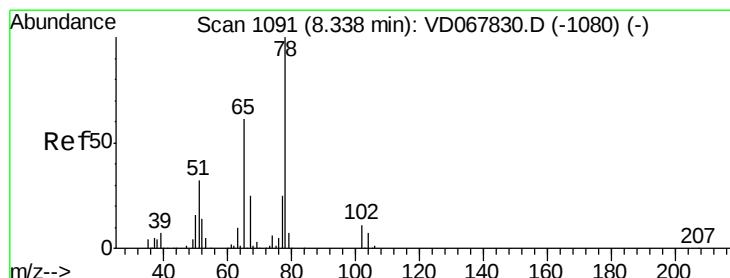
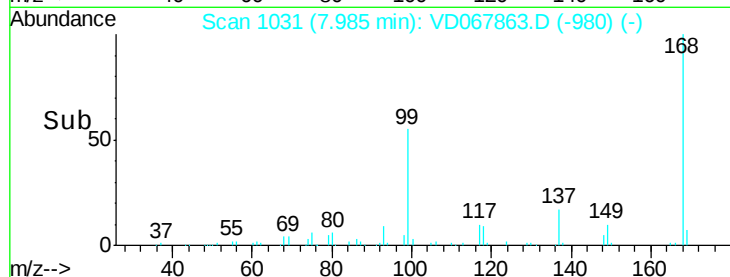
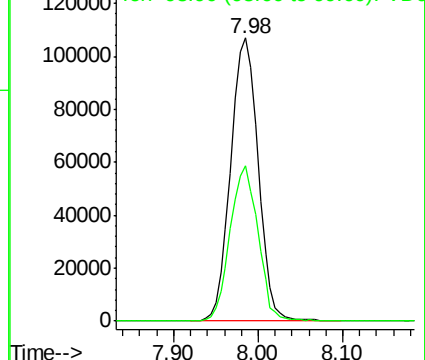
168 100

99 54.9 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 48.437 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067863.D

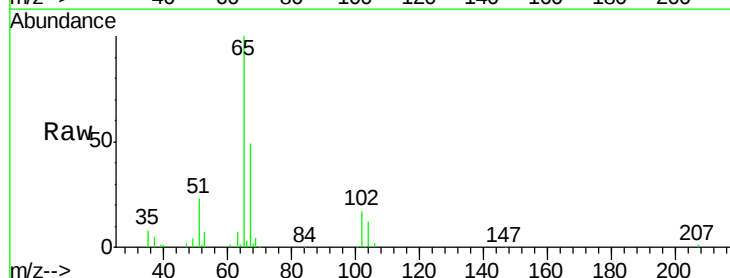
Acq: 03 Dec 2020 12:50

Tgt Ion: 65 Resp: 125003

Ion Ratio Lower Upper

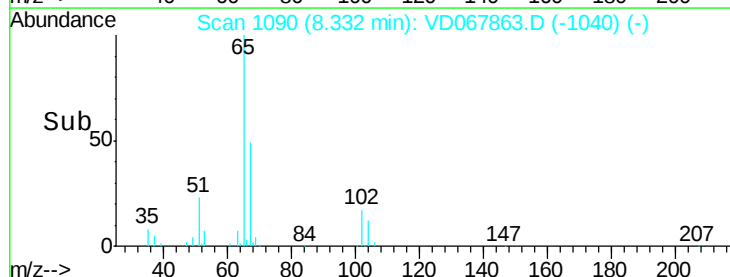
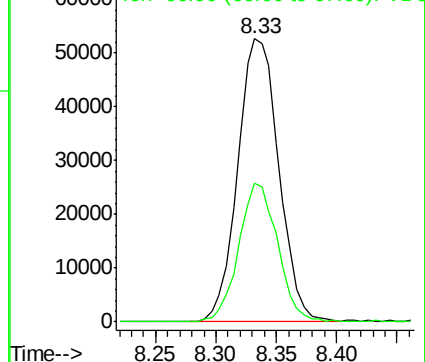
65 100

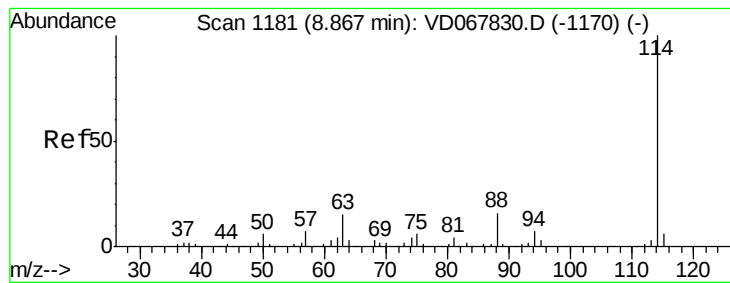
67 46.3 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067863.D

Acq: 03 Dec 2020 12:50

Instrument :

MSVOA_D

ClientSampleId :

R-LA-33-1-WC

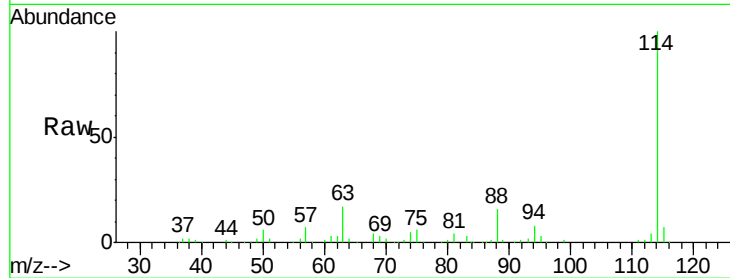
Tot Ion:114 Resp: 343441

Ion Ratio Lower Upper

114 100

63 17.1 0.0 30.8

88 15.5 0.0 31.8



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

8.87

200000

150000

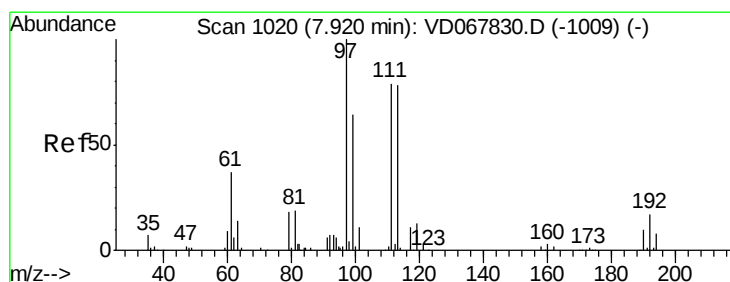
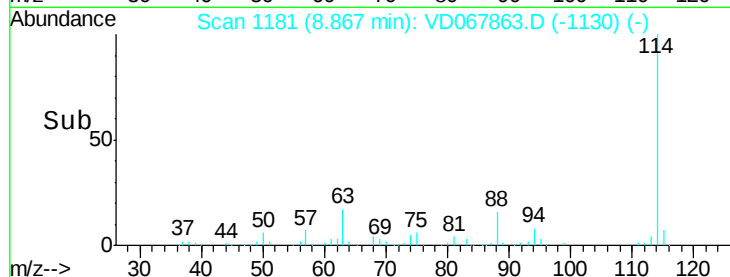
100000

50000

0

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 46.990 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD067863.D

Acq: 03 Dec 2020 12:50

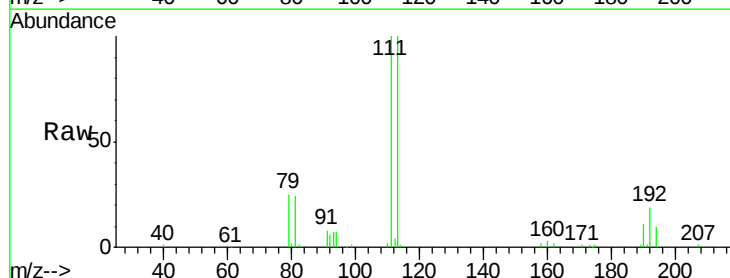
Tgt Ion:113 Resp: 107988

Ion Ratio Lower Upper

113 100

111 101.6 81.2 121.8

192 21.7 16.8 25.2



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

7.91

60000

50000

40000

30000

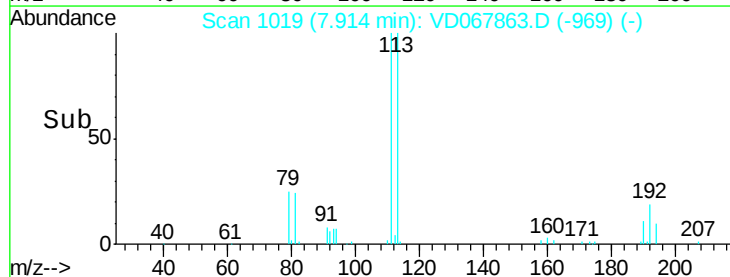
20000

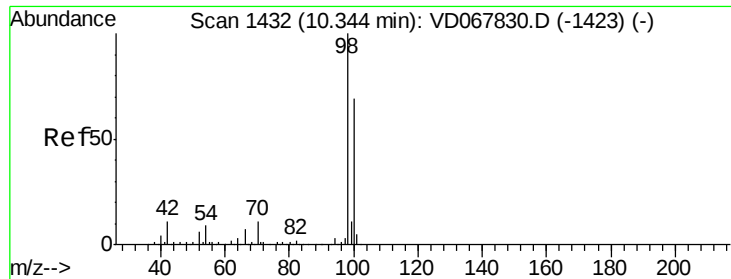
10000

0

7.80 7.90 8.00

Time-->





#50

Toluene-d8

Concen: 46.987 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067863.D

Acq: 03 Dec 2020 12:50

Instrument :

MSVOA_D

ClientSampleId :

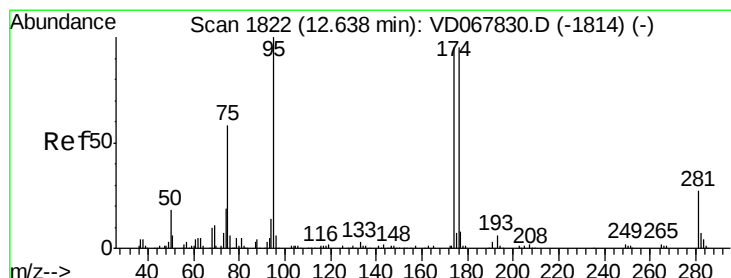
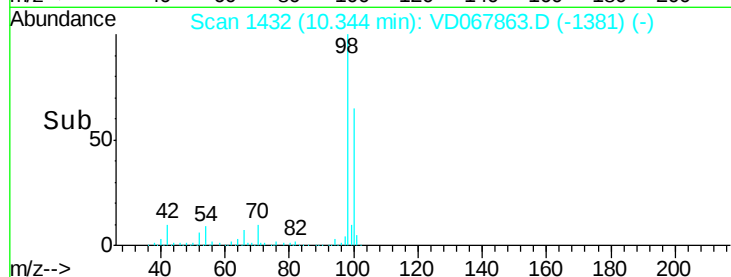
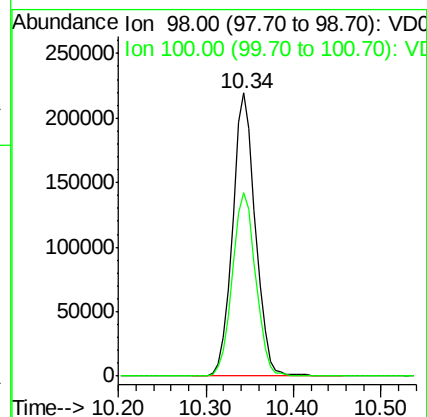
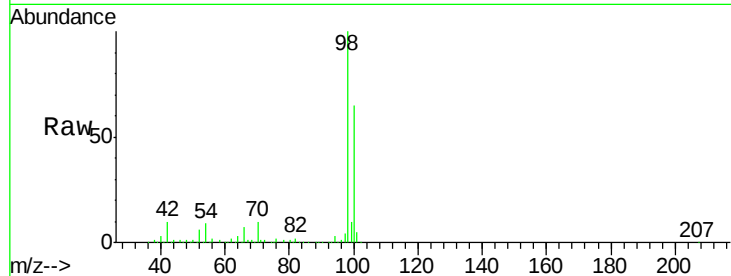
R-LA-33-1-WC

Tot Ion: 98 Resp: 388712

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.782 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067863.D

Acq: 03 Dec 2020 12:50

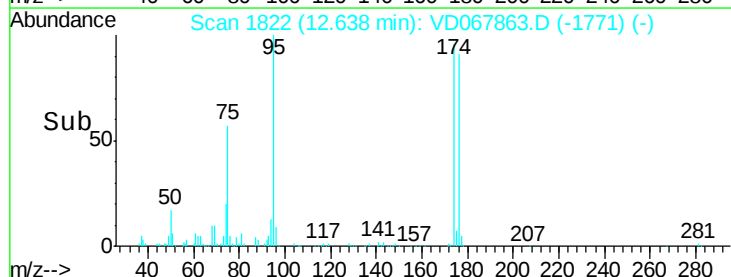
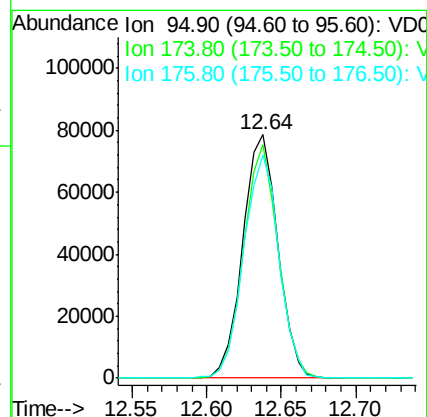
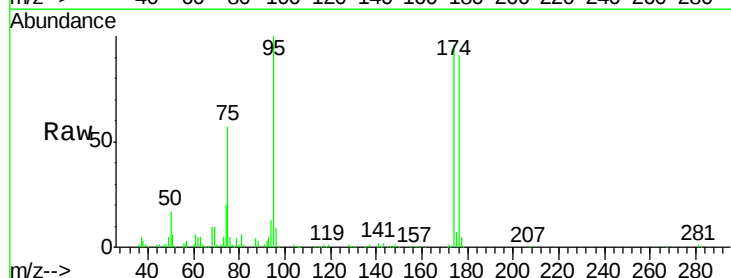
Tgt Ion: 95 Resp: 128082

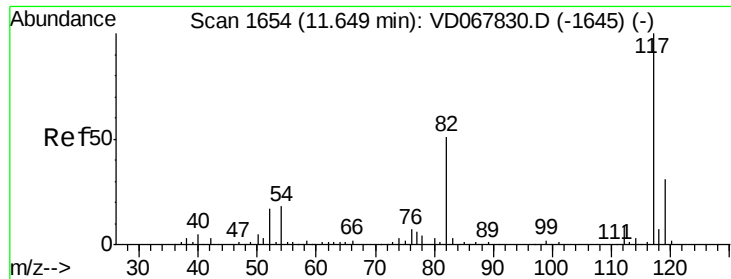
Ion Ratio Lower Upper

95 100

174 94.1 0.0 186.0

176 92.2 0.0 184.2

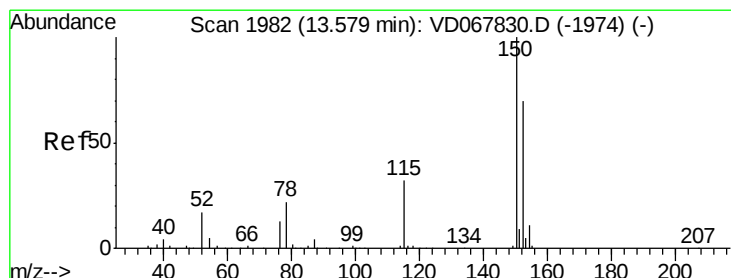
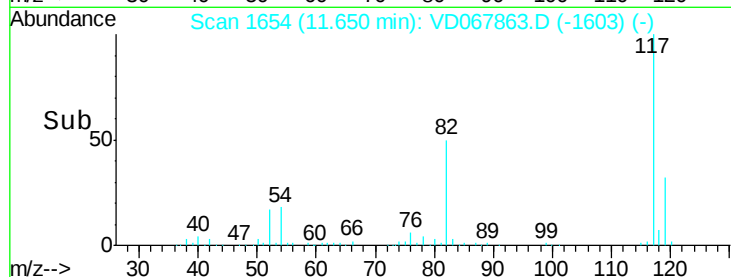
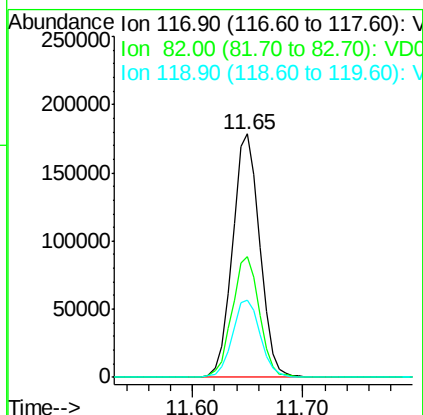
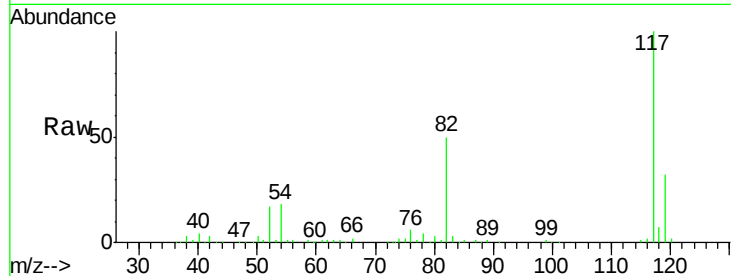




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067863.D
Acq: 03 Dec 2020 12:50

Instrument :
MSVOA_D
ClientSampleId :
R-LA-33-1-WC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	40.6	60.8
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. 0.00 min
Lab File: VD067863.D
Acq: 03 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	29.1	87.4
150	158.8	0.0	339.0

