

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101320\
 Data File : VD067257.D
 Acq On : 13 Oct 2020 17:31
 Operator : VA/SY
 Sample : L4372-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-HADLEY

Quant Time: Oct 14 02:47:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 13 13:05:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	343161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	552224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	520646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	236276	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	161019	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	7.92	113	179599	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.34	98	652639	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.64	95	213306	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	

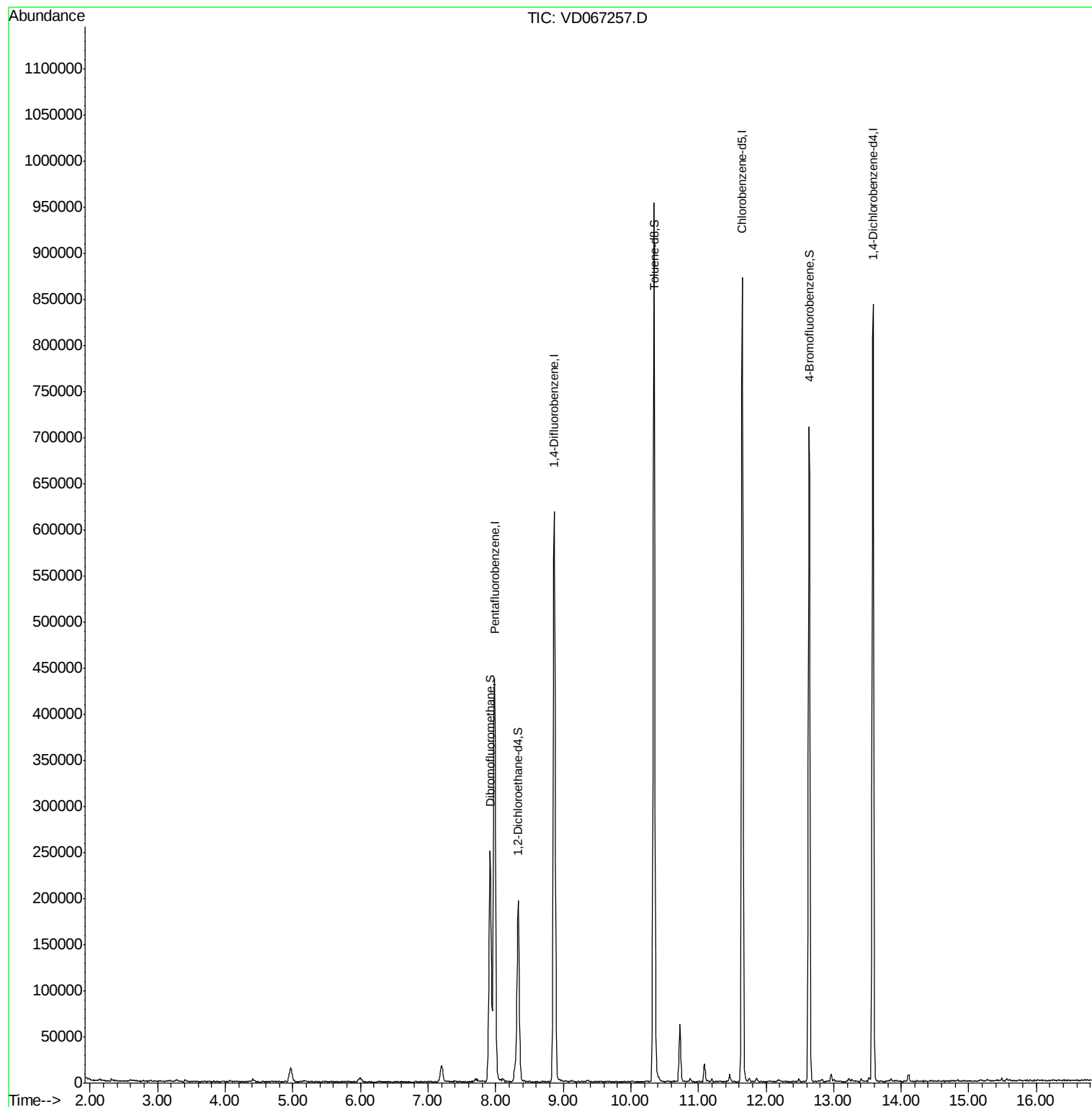
Target Compounds	Qvalue

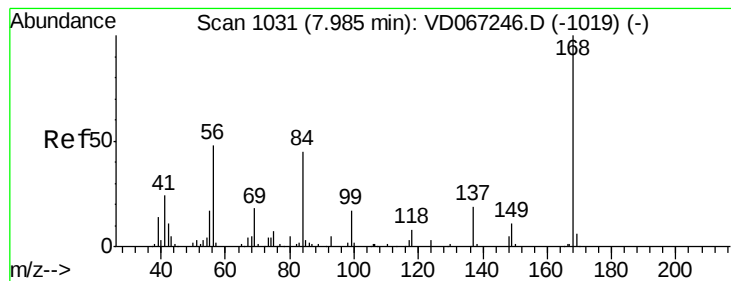
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 13 13:05:03 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067257.D

Acq: 13 Oct 2020 17:31

Instrument :

MSVOA_D

ClientSampleId :

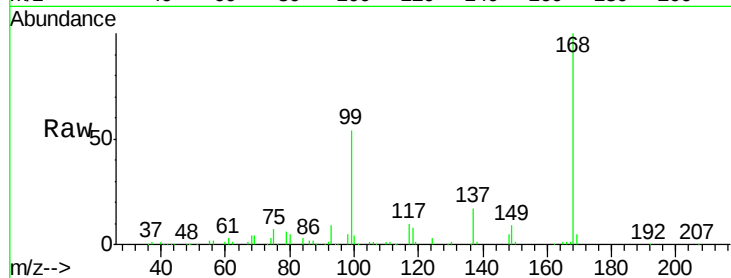
WC-HADLEY

Tot Ion:168 Resp: 343161

Ion Ratio Lower Upper

168 100

99 53.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

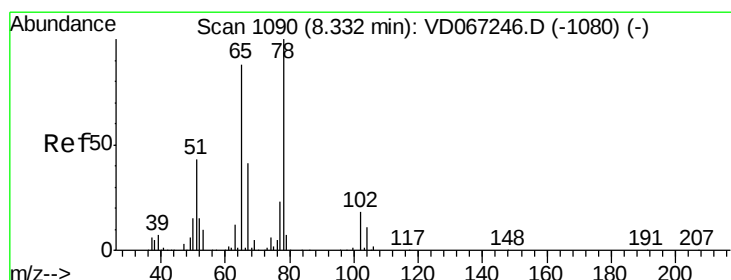
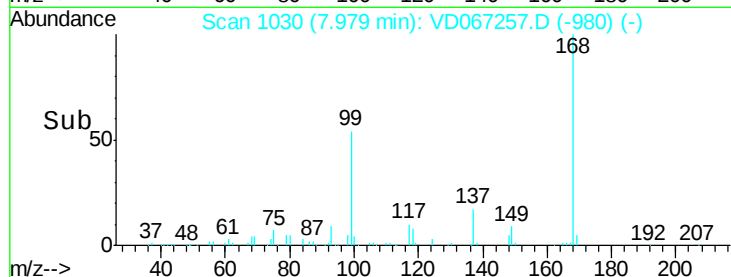
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.836 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067257.D

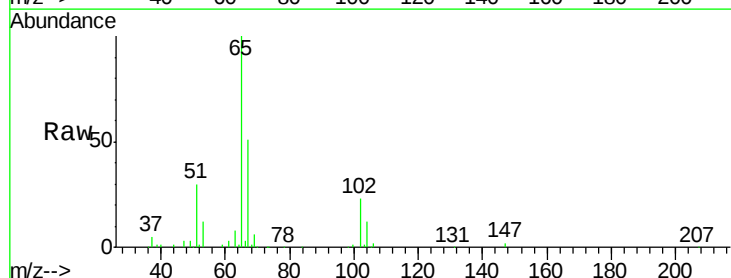
Acq: 13 Oct 2020 17:31

Tgt Ion: 65 Resp: 161019

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

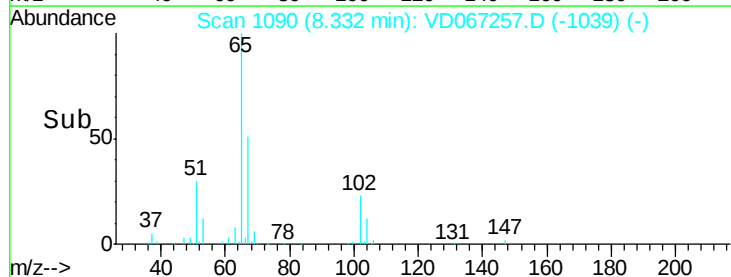
60000

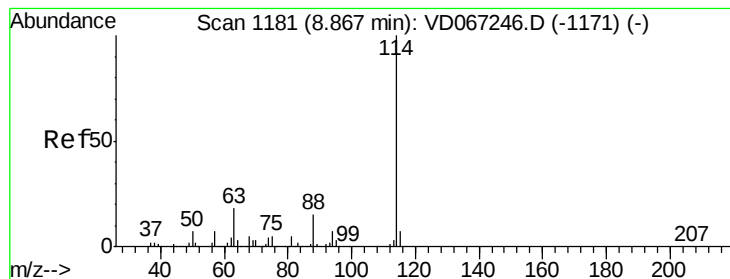
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067257.D

Acq: 13 Oct 2020 17:31

Instrument :

MSVOA_D

ClientSampleId :

WC-HADLEY

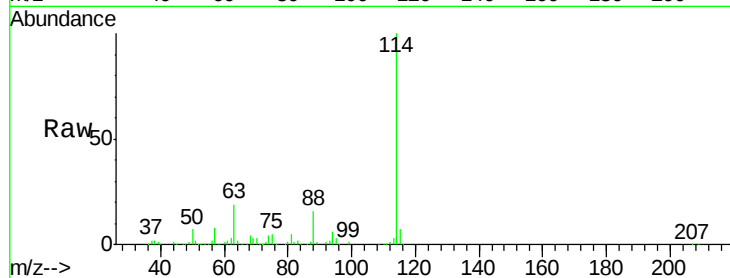
Tot Ion:114 Resp: 552224

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

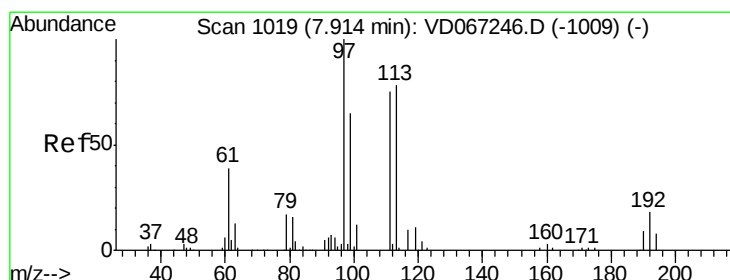
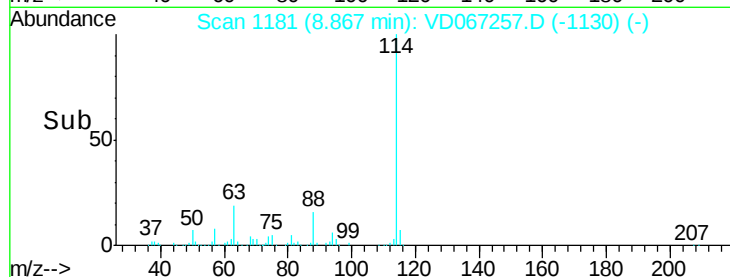
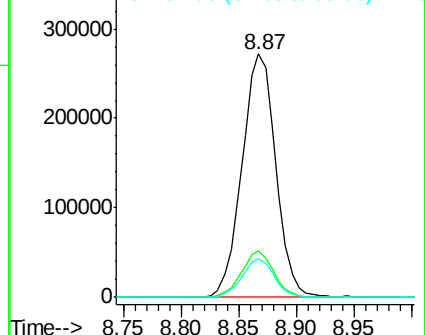
88 16.0 0.0 30.6



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: 48.870 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067257.D

Acq: 13 Oct 2020 17:31

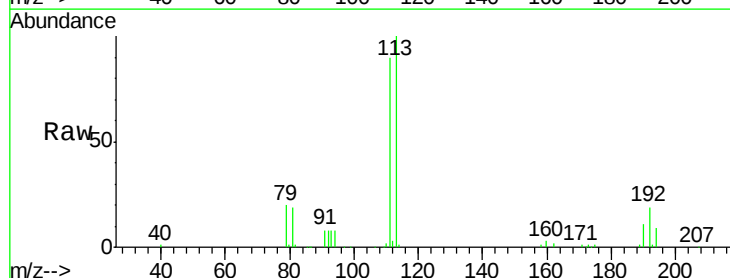
Tgt Ion:113 Resp: 179599

Ion Ratio Lower Upper

113 100

111 99.4 81.6 122.4

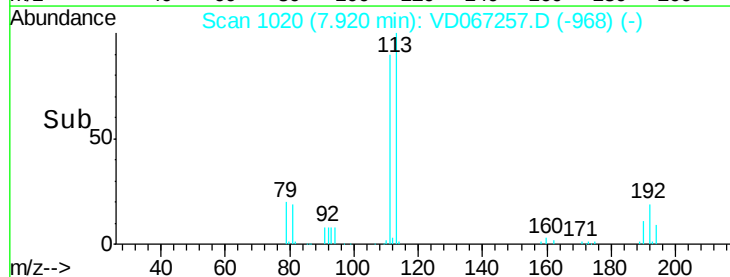
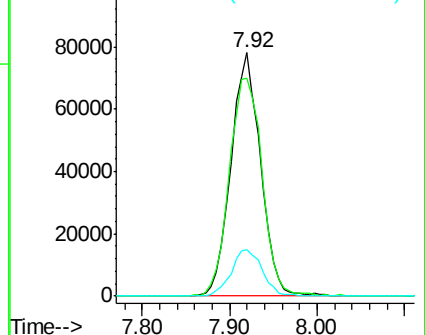
192 20.0 17.0 25.4

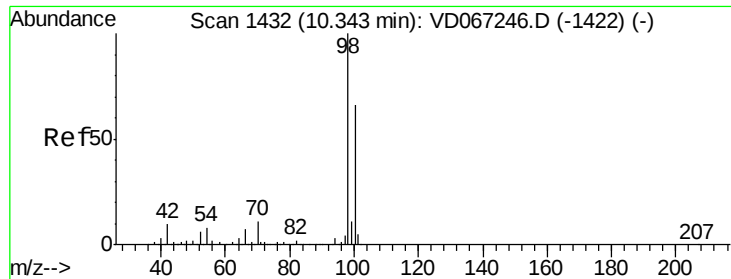


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.072 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067257.D

Acq: 13 Oct 2020 17:31

Instrument :

MSVOA_D

ClientSampleId :

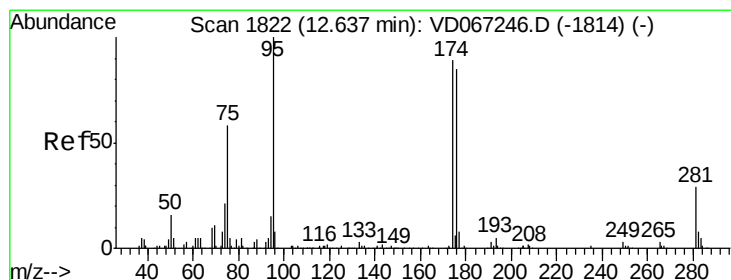
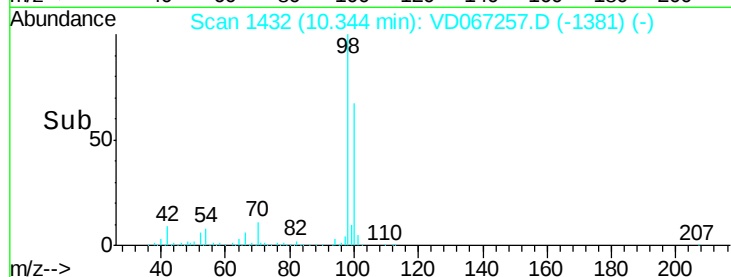
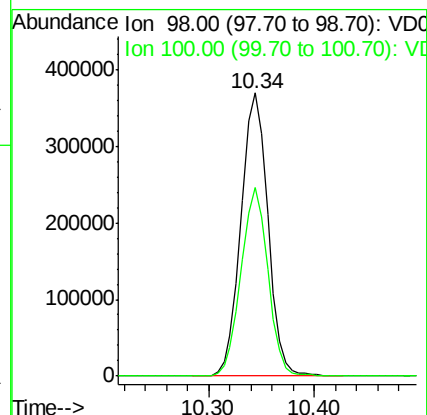
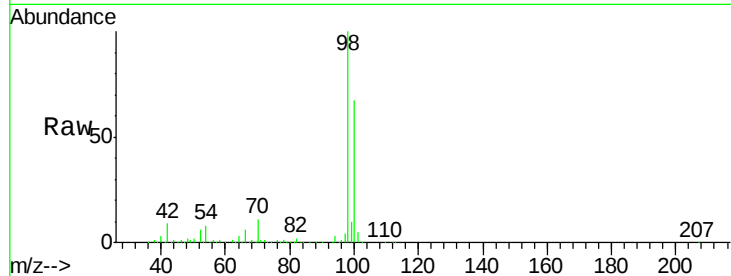
WC-HADLEY

Tot Ion: 98 Resp: 652639

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.124 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067257.D

Acq: 13 Oct 2020 17:31

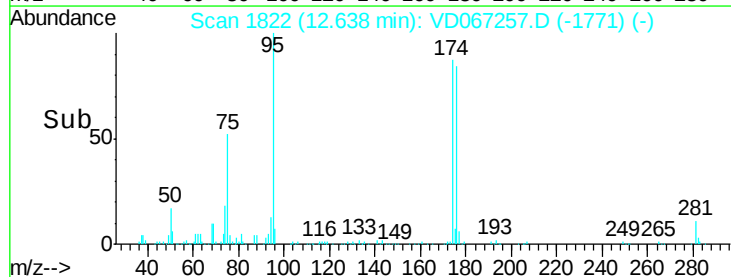
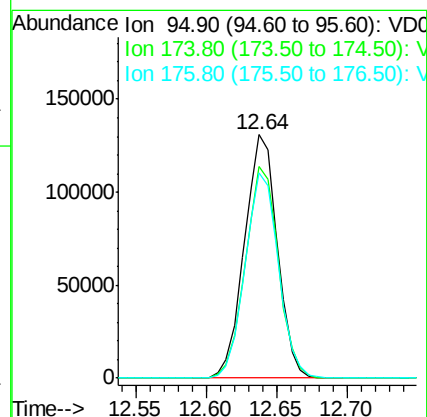
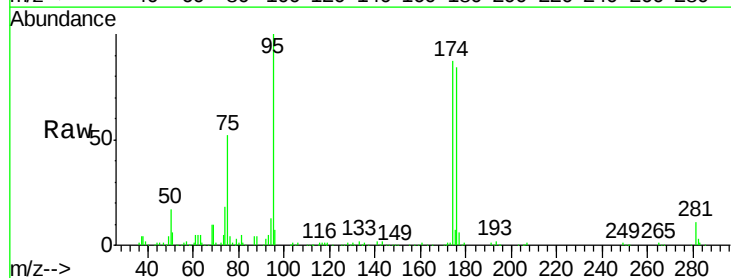
Tgt Ion: 95 Resp: 213306

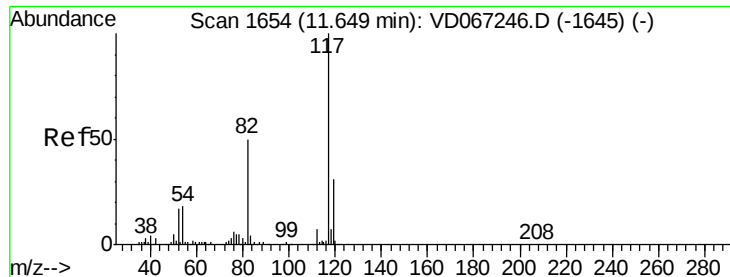
Ion Ratio Lower Upper

95 100

174 87.5 0.0 175.2

176 85.6 0.0 168.6

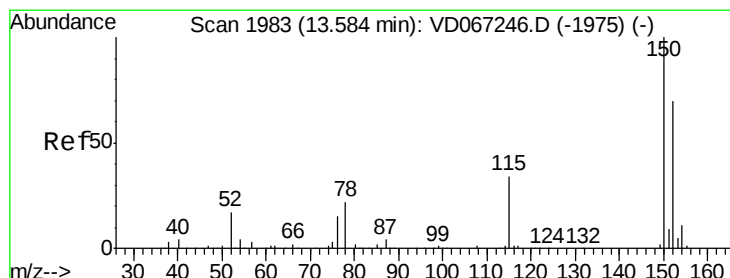
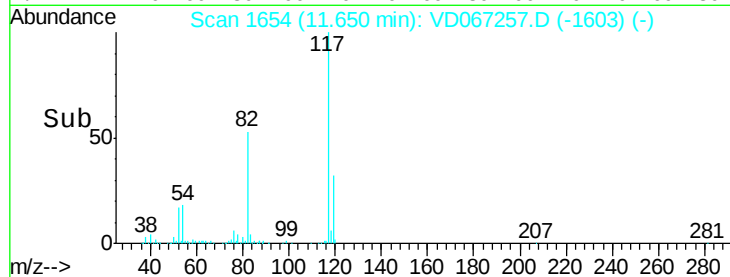
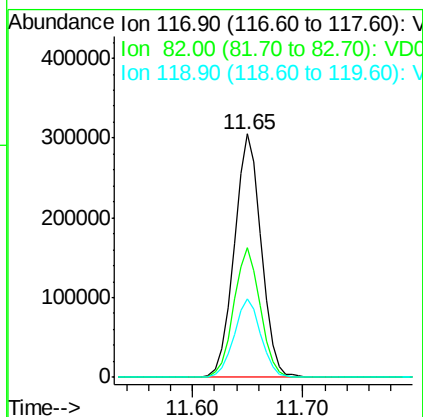
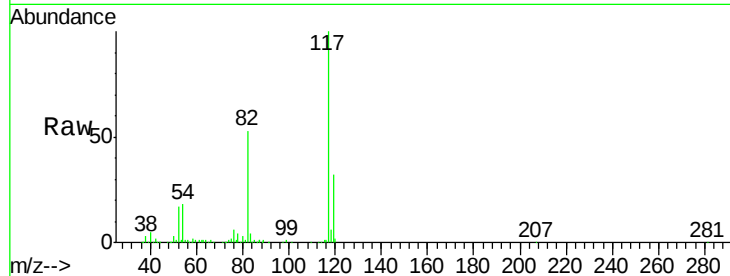




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067257.D
Acq: 13 Oct 2020 17:31

Instrument :
MSVOA_D
ClientSampleId :
WC-HADLEY

Tot Ion:117 Resp: 520646
Ion Ratio Lower Upper
117 100
82 53.3 39.9 59.9
119 32.4 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067257.D
Acq: 13 Oct 2020 17:31

Tgt Ion:152 Resp: 236276
Ion Ratio Lower Upper
152 100
115 59.2 29.3 87.9
150 157.4 0.0 339.0

