

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067577.D
 Acq On : 10 Nov 2020 12:48
 Operator : VA/SY
 Sample : L4658-03
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 361-CL

Quant Time: Nov 11 00:25:52 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	7.99	168	263145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	429352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	414146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	170359	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	116219	50.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.02%	
35) Dibromofluoromethane	7.91	113	134829	52.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.24%	
50) Toluene-d8	10.34	98	499688	54.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.94%	
62) 4-Bromofluorobenzene	12.64	95	162538	51.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.58%	

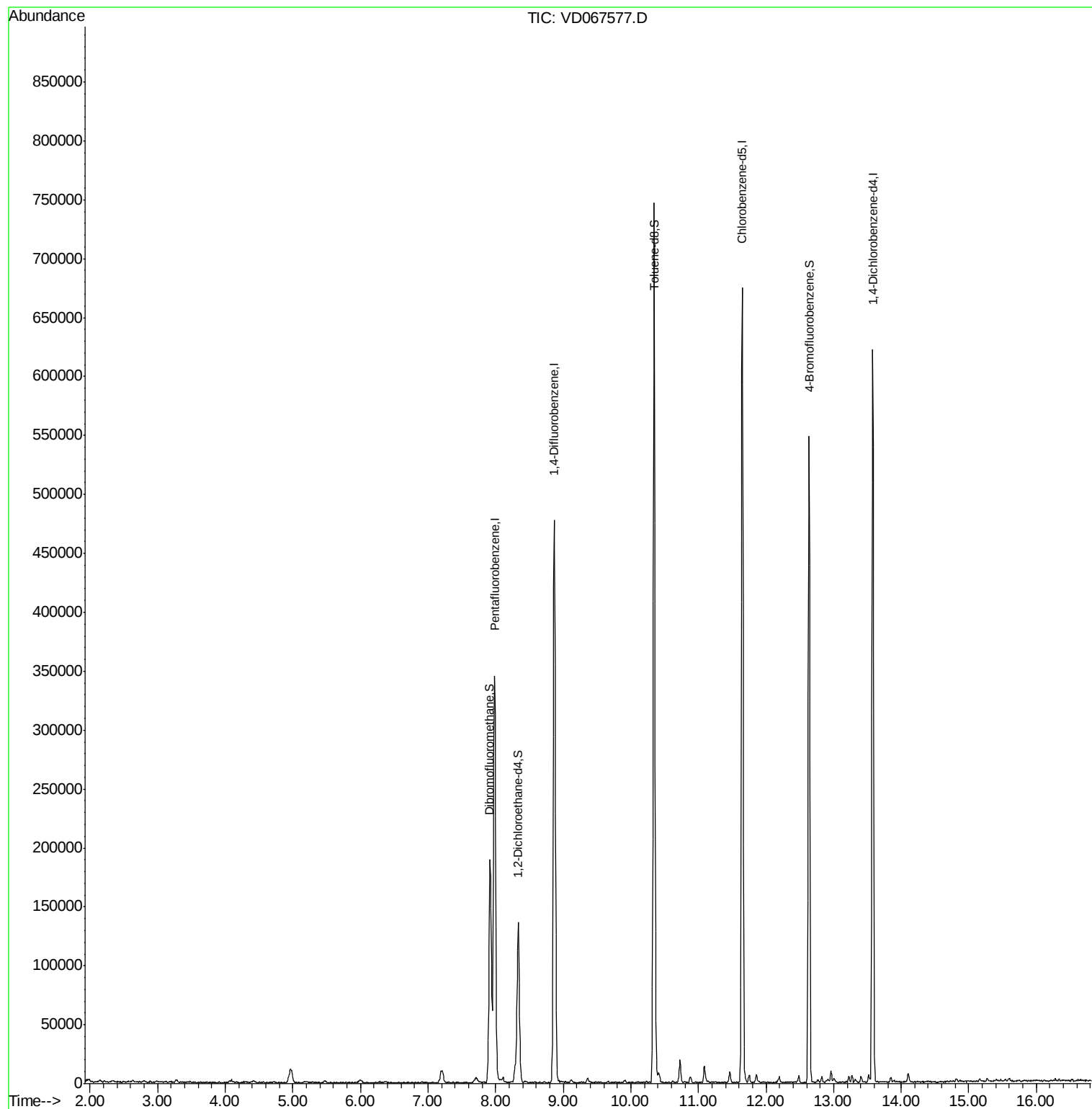
Target Compounds	Qvalue
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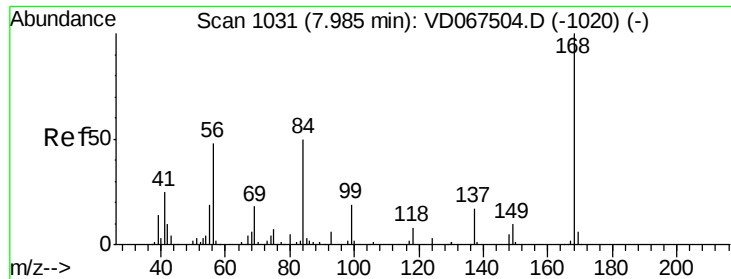
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067577.D

Acq: 10 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

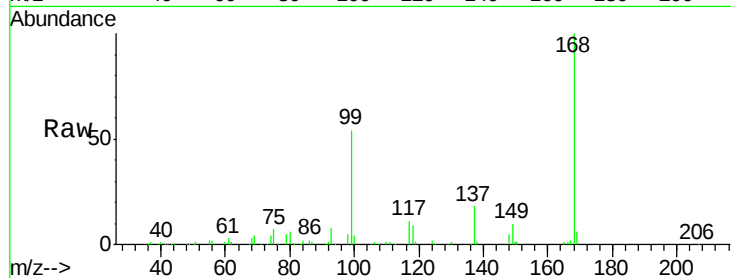
361-CL

Tot Ion:168 Resp: 263145

Ion Ratio Lower Upper

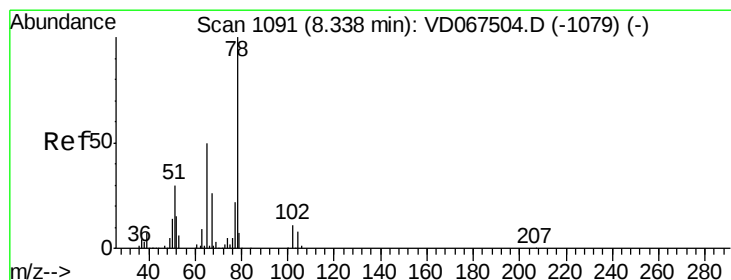
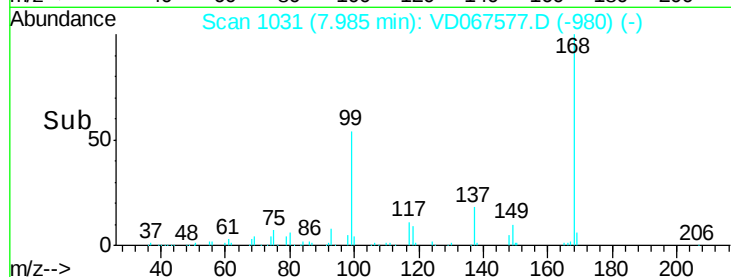
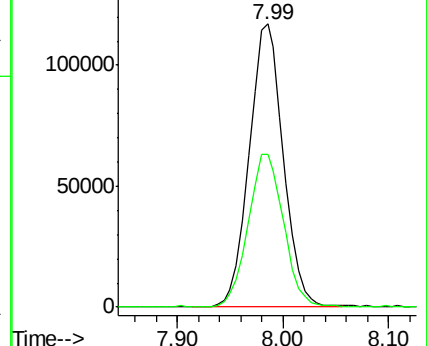
168 100

99 53.7 45.0 67.6



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: 50.510 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067577.D

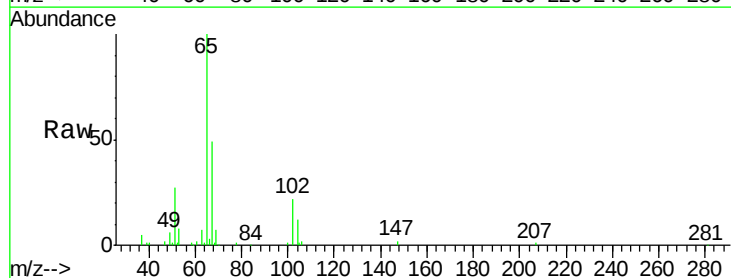
Acq: 10 Nov 2020 12:48

Tgt Ion: 65 Resp: 116219

Ion Ratio Lower Upper

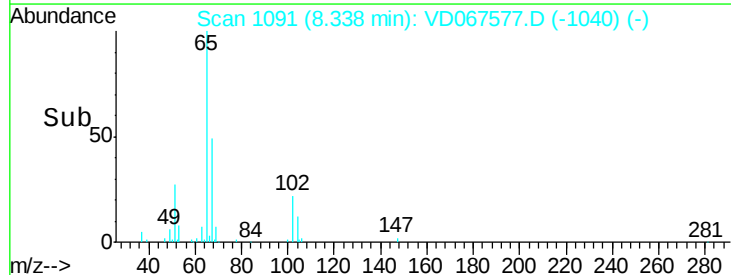
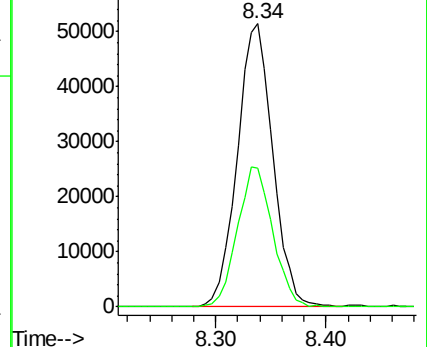
65 100

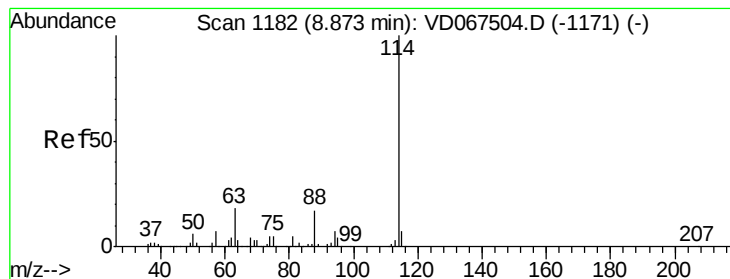
67 49.3 0.0 99.4



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. -0.01 min

Lab File: VD067577.D

Acq: 10 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampled :

361-CL

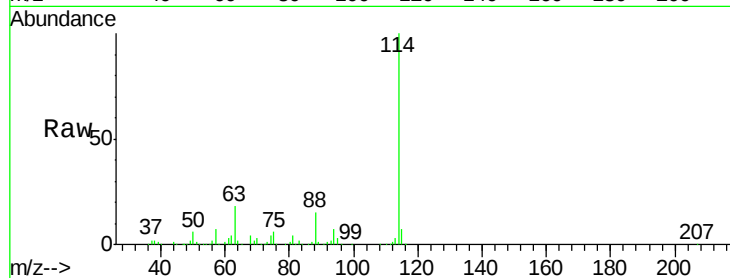
Tot Ion:114 Resp: 429352

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

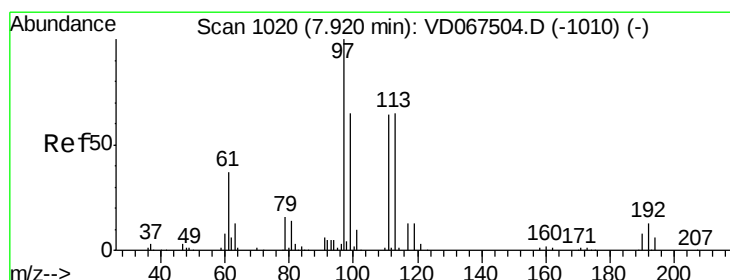
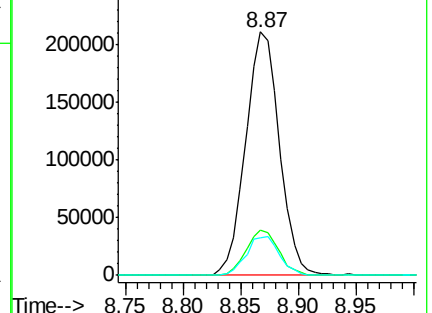
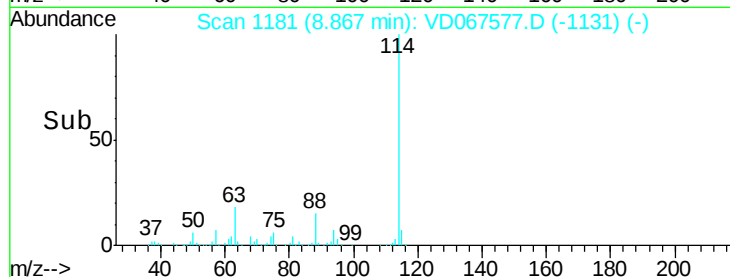
88 15.2 0.0 33.0



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: 52.121 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD067577.D

Acq: 10 Nov 2020 12:48

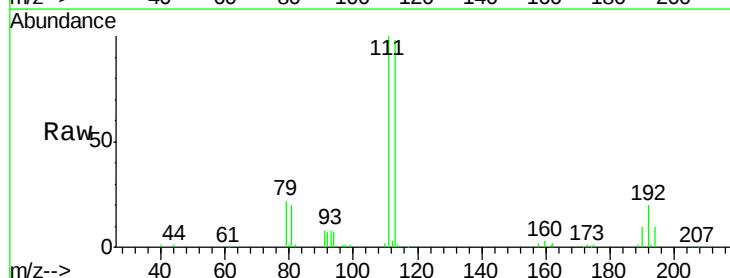
Tgt Ion:113 Resp: 134829

Ion Ratio Lower Upper

113 100

111 104.0 80.0 120.0

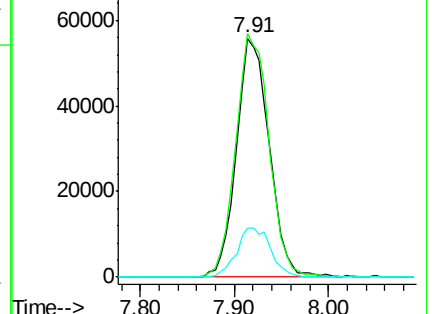
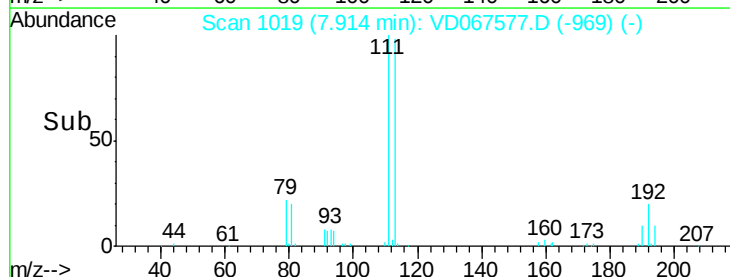
192 21.3 16.3 24.5

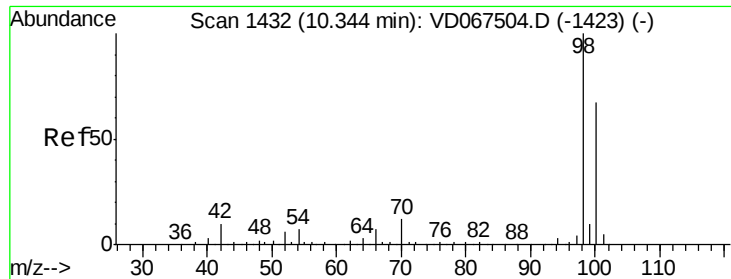


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.967 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067577.D

Acq: 10 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

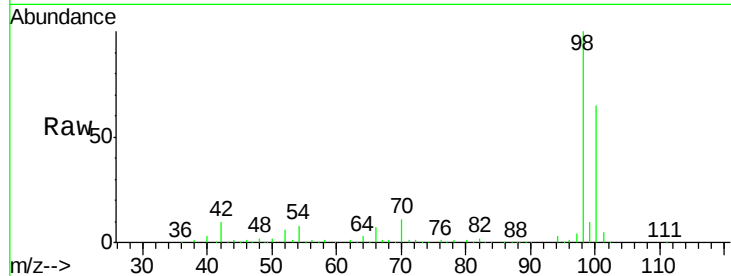
361-CL

Tot Ion: 98 Resp: 499688

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

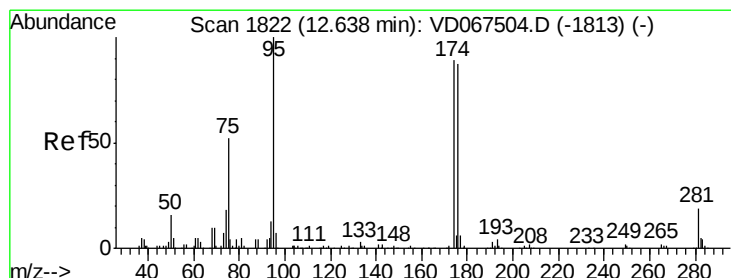
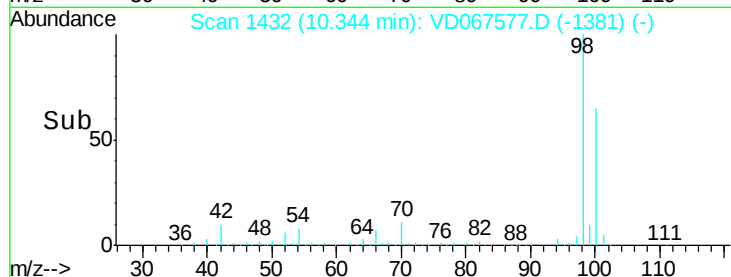
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.788 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067577.D

Acq: 10 Nov 2020 12:48

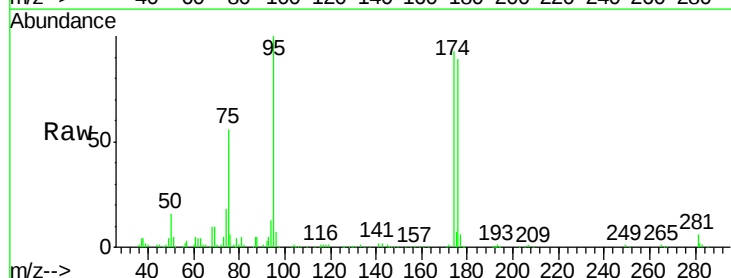
Tgt Ion: 95 Resp: 162538

Ion Ratio Lower Upper

95 100

174 92.3 0.0 177.8

176 86.9 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

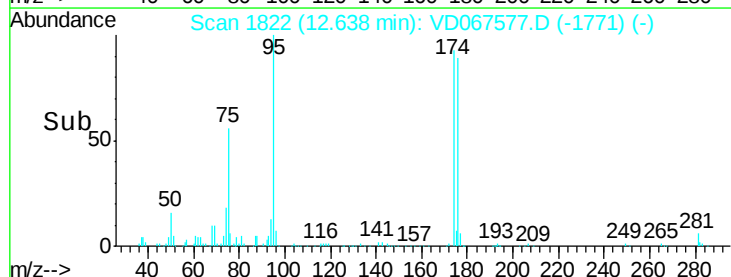
12.64

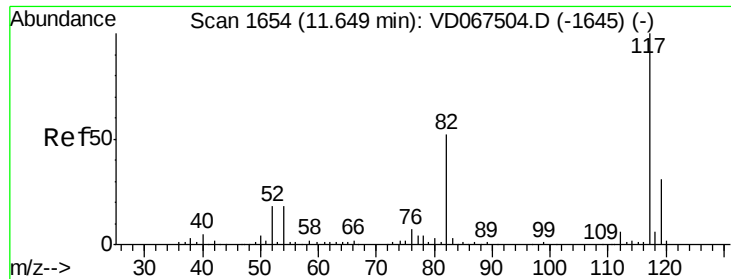
100000

50000

0

Time-->

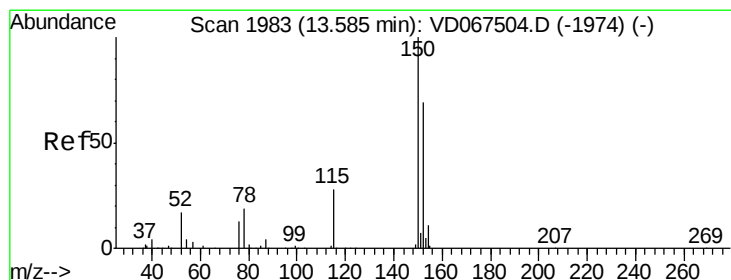
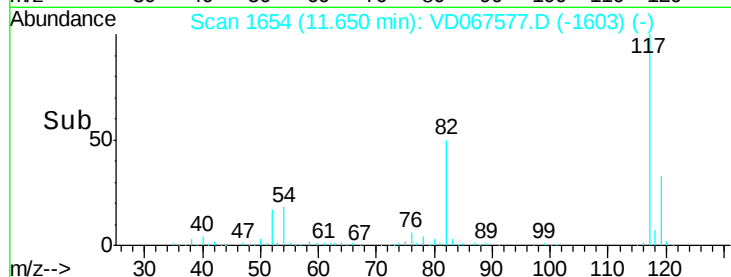
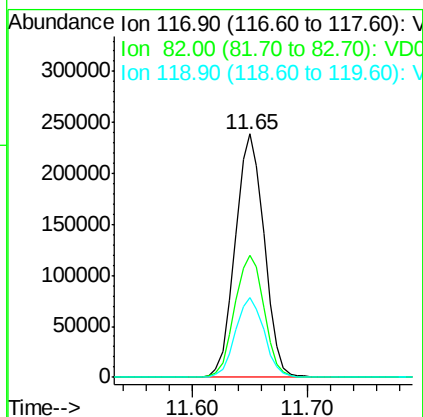
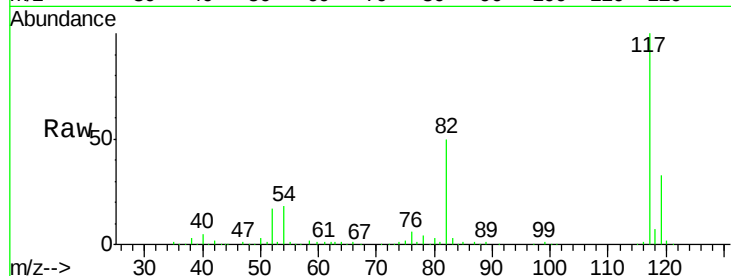




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067577.D
Acq: 10 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
361-CL

Tot Ion:117 Resp: 414146
Ion Ratio Lower Upper
117 100
82 50.1 41.6 62.4
119 32.6 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: VD067577.D
Acq: 10 Nov 2020 12:48

Tgt Ion:152 Resp: 170359
Ion Ratio Lower Upper
152 100
115 59.2 29.3 88.0
150 157.0 0.0 338.2

