

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067559.D
 Acq On : 09 Nov 2020 12:12
 Operator : VA/SY
 Sample : L4658-01
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 361-OS

Quant Time: Nov 10 00:40:59 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	279661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	435839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	430313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	202921	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	127710	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
35) Dibromofluoromethane	7.92	113	136798	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.34	98	504728	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	
62) 4-Bromofluorobenzene	12.64	95	180053	56.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.02%	

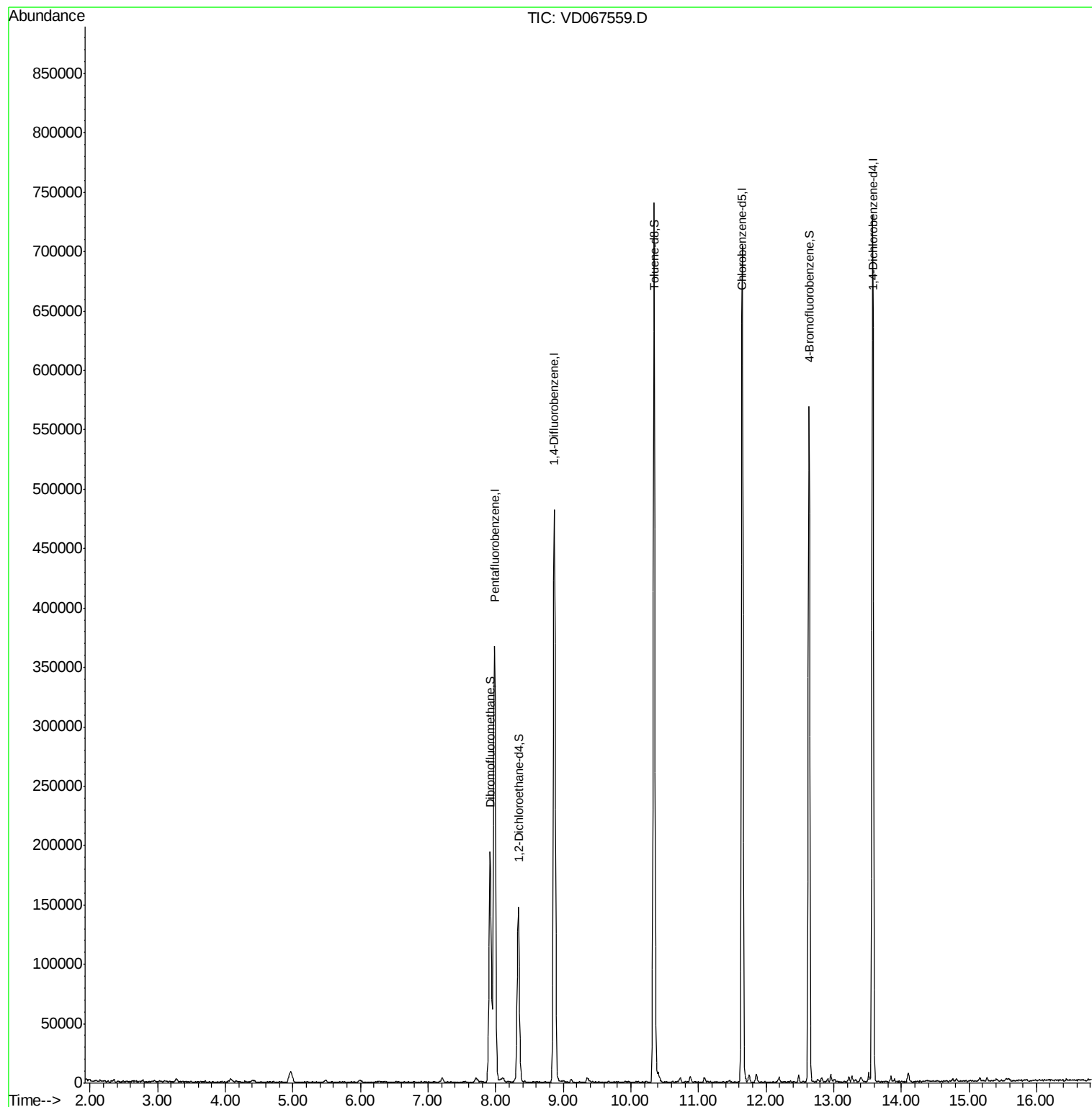
Target Compounds	Qvalue

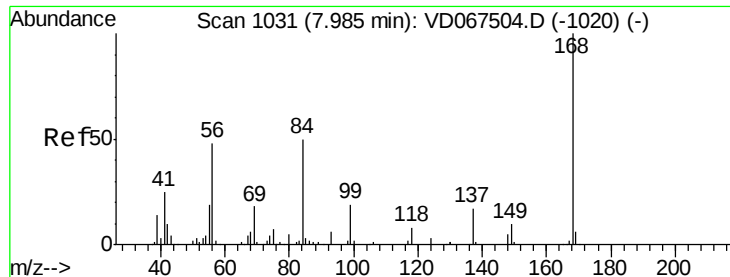
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110920\
Data File : VD067559.D
Acq On : 09 Nov 2020 12:12
Operator : VA/SY
Sample : L4658-01
Misc : 4.99G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
361-OS

Quant Time: Nov 10 00:40:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067559.D

Acq: 09 Nov 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

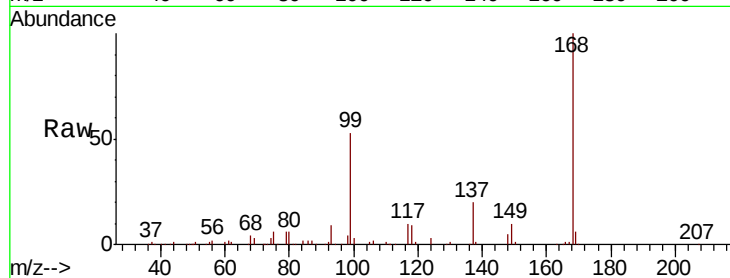
361-OS

Tot Ion:168 Resp: 279661

Ion Ratio Lower Upper

168 100

99 52.3 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

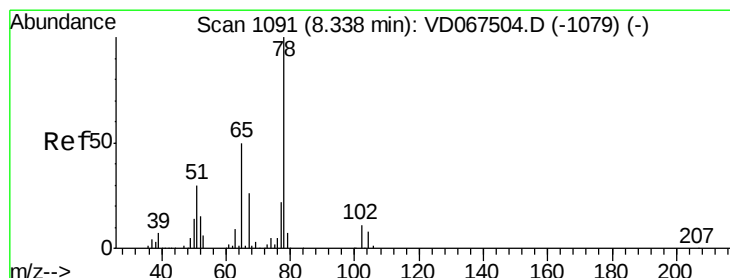
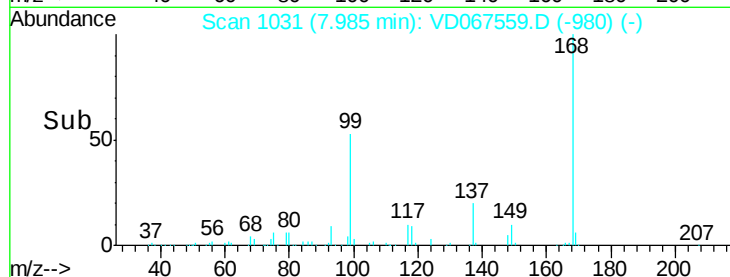
0

Time-->

7.90

8.00

8.10



#33

1,2-Dichloroethane-d4

Concen: 52.226 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067559.D

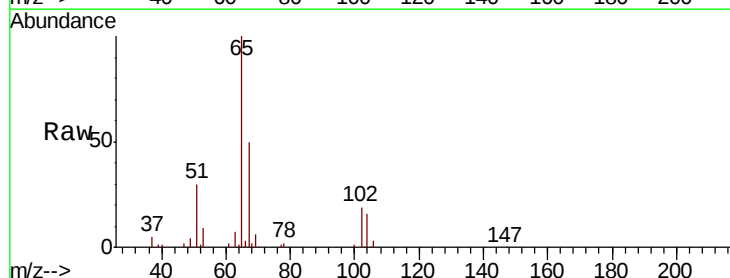
Acq: 09 Nov 2020 12:12

Tgt Ion: 65 Resp: 127710

Ion Ratio Lower Upper

65 100

67 49.8 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

60000

50000

40000

30000

20000

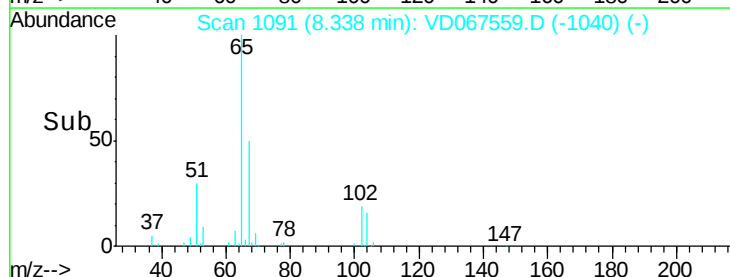
10000

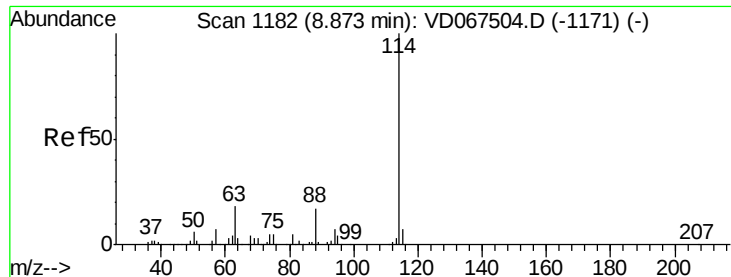
0

Time-->

8.30

8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067559.D

Acq: 09 Nov 2020 12:12

Instrument :

MSVOA_D

ClientSampled :

361-OS

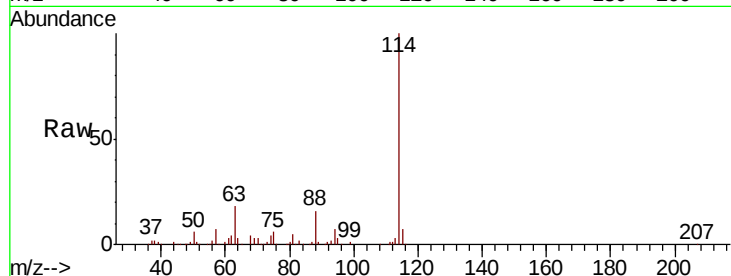
Tot Ion:114 Resp: 435839

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

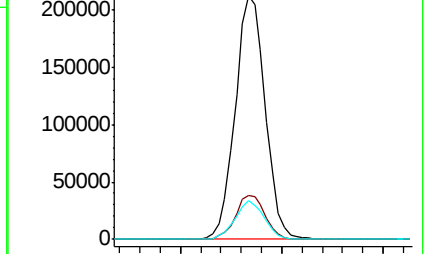
88 15.9 0.0 33.0



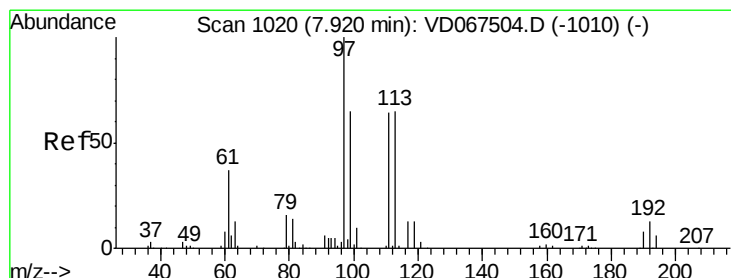
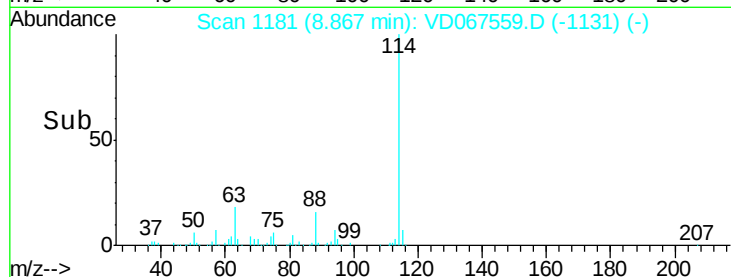
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



Time-->



#35

Dibromofluoromethane

Concen: 52.095 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067559.D

Acq: 09 Nov 2020 12:12

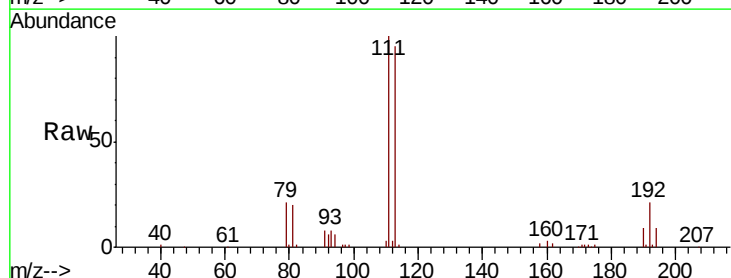
Tgt Ion:113 Resp: 136798

Ion Ratio Lower Upper

113 100

111 99.4 80.0 120.0

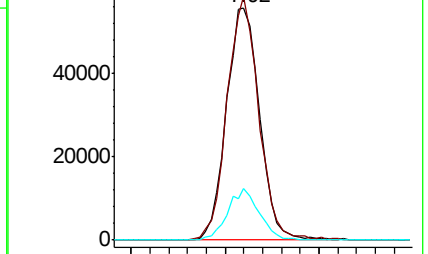
192 20.9 16.3 24.5



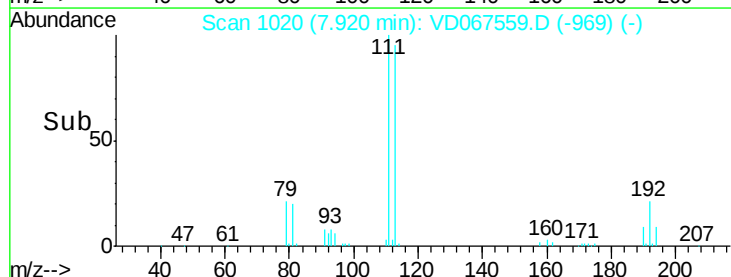
Abundance Ion 112.80 (112.50 to 113.50): V

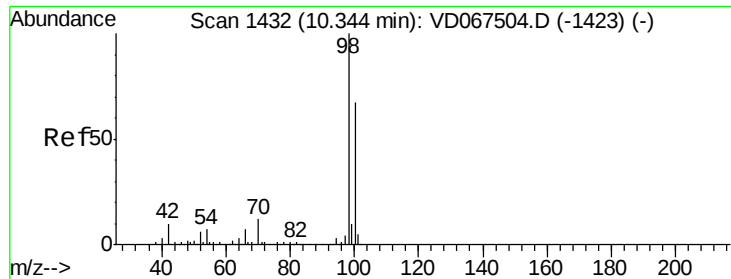
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->





#50

Toluene-d8

Concen: 54.695 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067559.D

Acq: 09 Nov 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

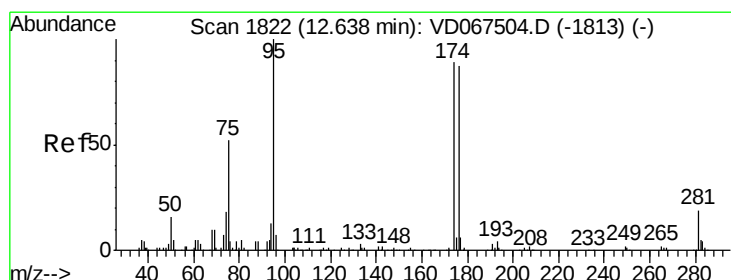
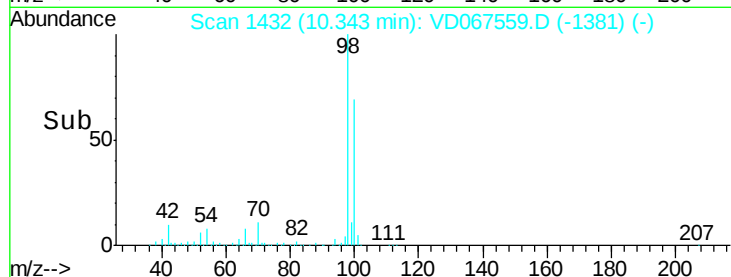
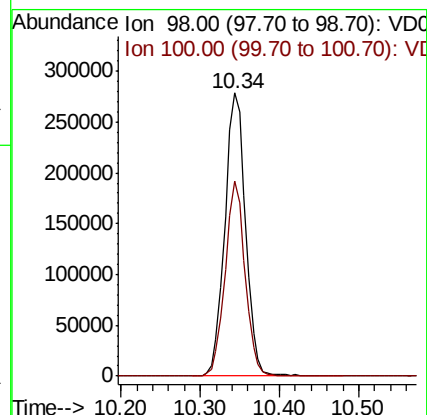
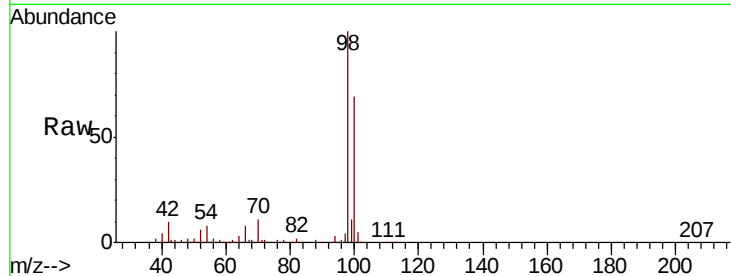
361-OS

Tot Ion: 98 Resp: 504728

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 56.514 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067559.D

Acq: 09 Nov 2020 12:12

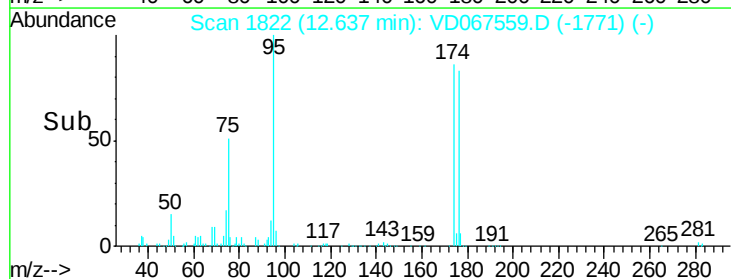
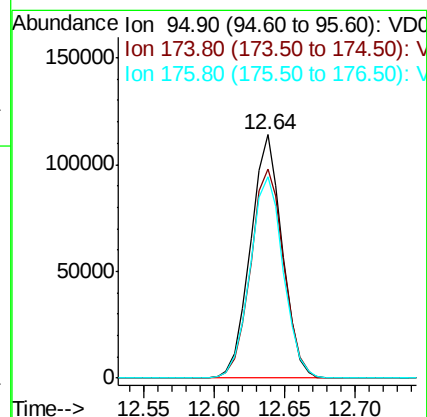
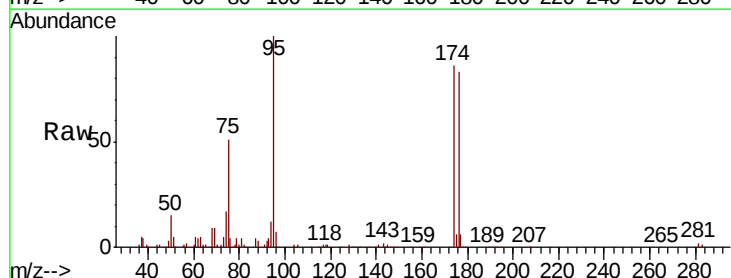
Tgt Ion: 95 Resp: 180053

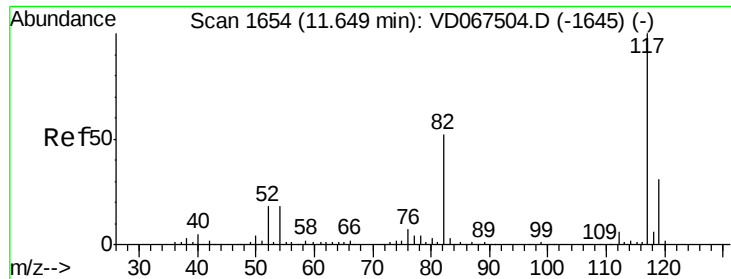
Ion Ratio Lower Upper

95 100

174 89.7 0.0 177.8

176 86.7 0.0 172.0

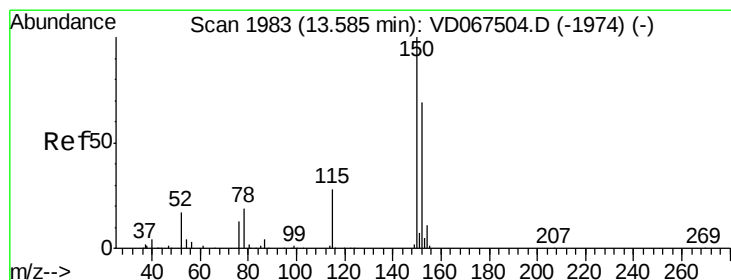
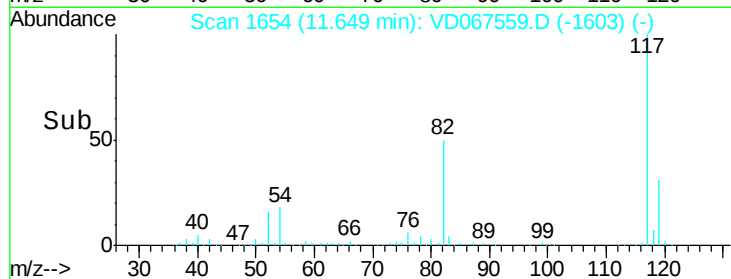
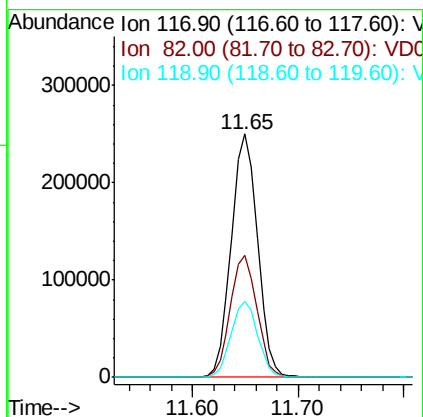
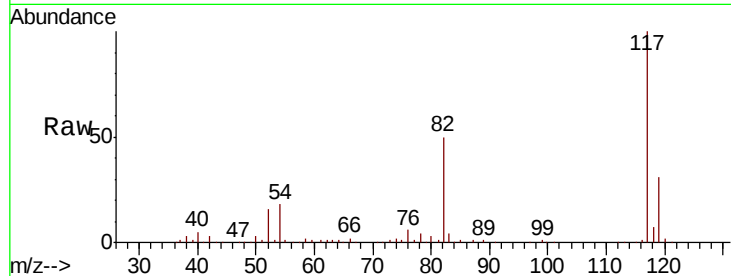




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067559.D
Acq: 09 Nov 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
361-OS

Tot Ion:117 Resp: 430313
Ion Ratio Lower Upper
117 100
82 49.9 41.6 62.4
119 31.2 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: VD067559.D
Acq: 09 Nov 2020 12:12

Tgt Ion:152 Resp: 202921
Ion Ratio Lower Upper
152 100
115 57.6 29.3 88.0
150 156.8 0.0 338.2

