

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110620\
 Data File : VD067548.D
 Acq On : 06 Nov 2020 12:57
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Nov 06 23:50:16 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	295094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	457044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	405993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	192844	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	131915	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	7.91	113	133395	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.34	98	453148	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
62) 4-Bromofluorobenzene	12.64	95	149706	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	

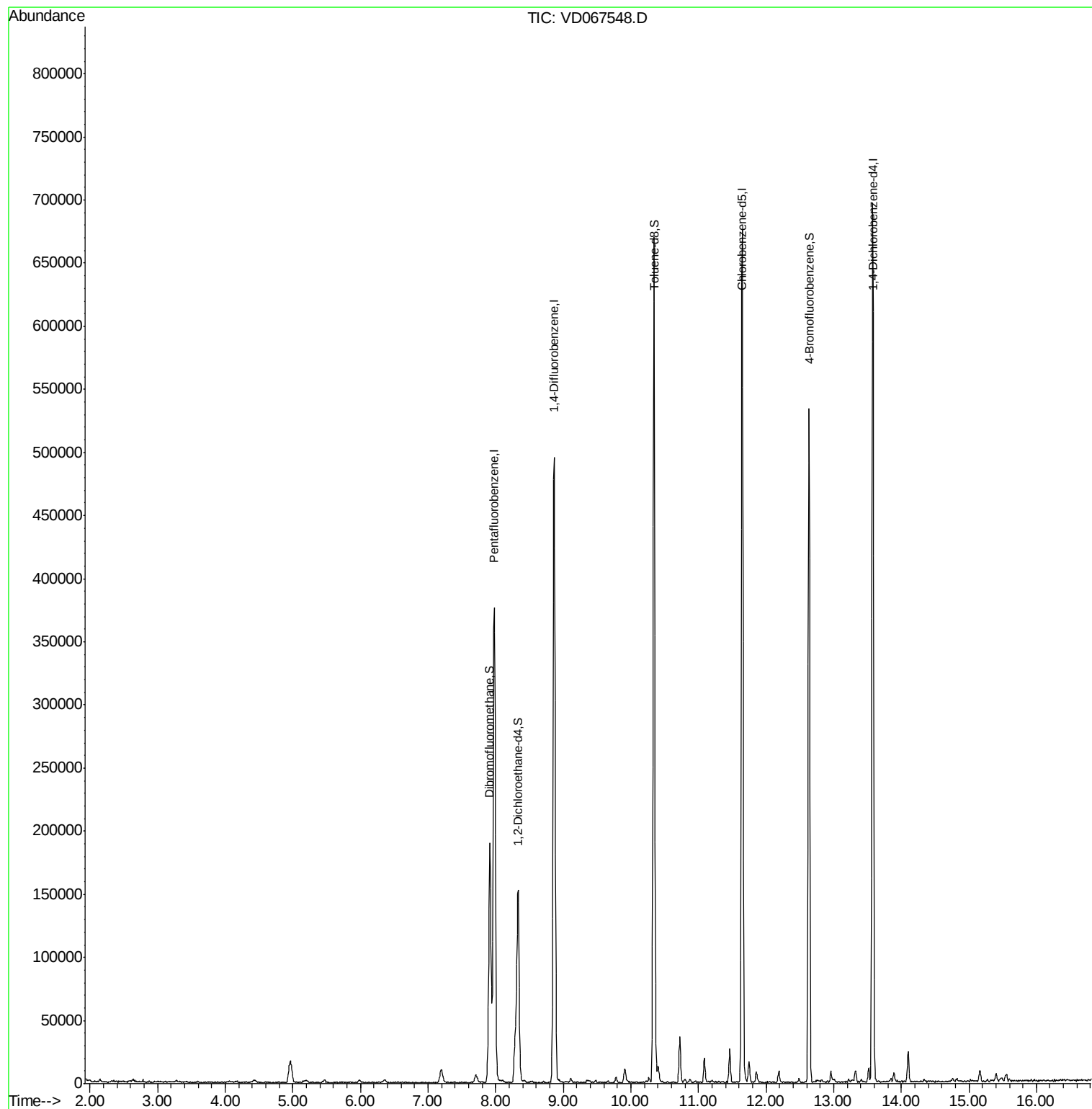
Target Compounds	Qvalue

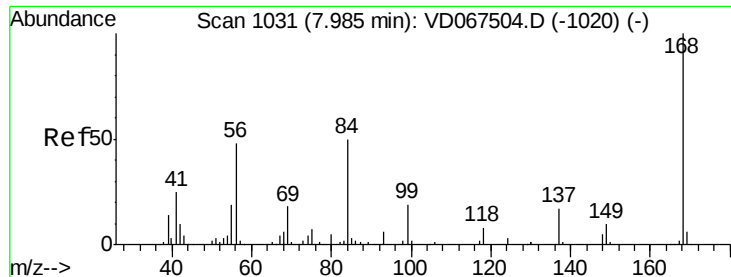
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067548.D

Acq: 06 Nov 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

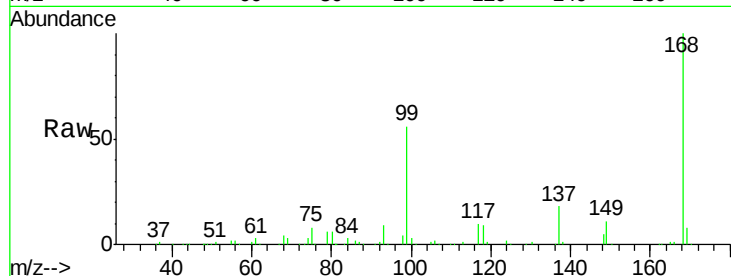
VIBLK

Tot Ion:168 Resp: 295094

Ion Ratio Lower Upper

168 100

99 55.5 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

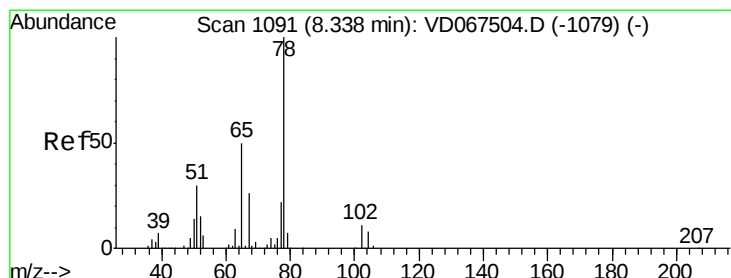
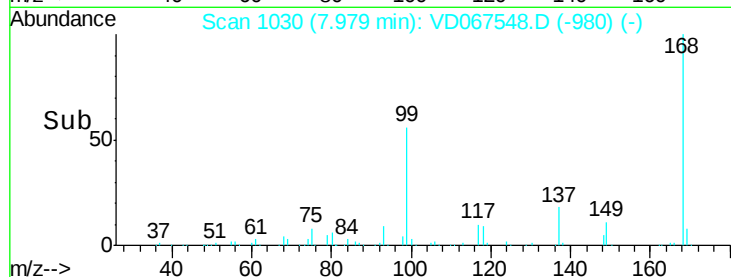
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 51.124 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067548.D

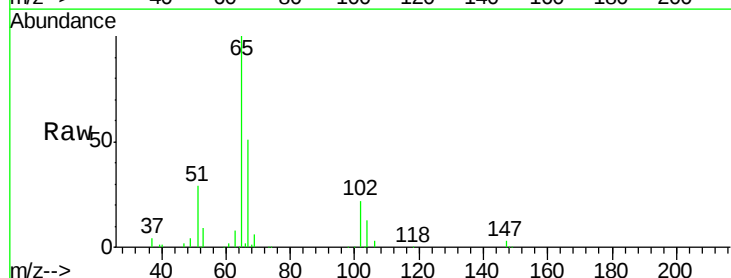
Acq: 06 Nov 2020 12:57

Tgt Ion: 65 Resp: 131915

Ion Ratio Lower Upper

65 100

67 49.6 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

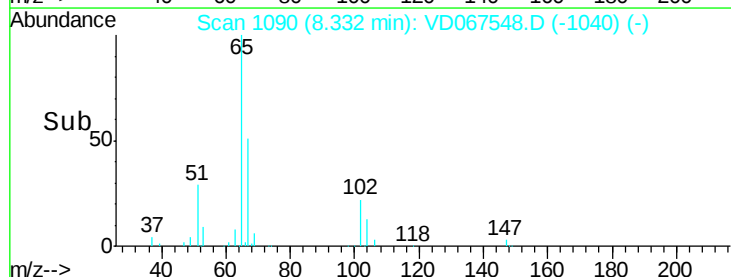
40000

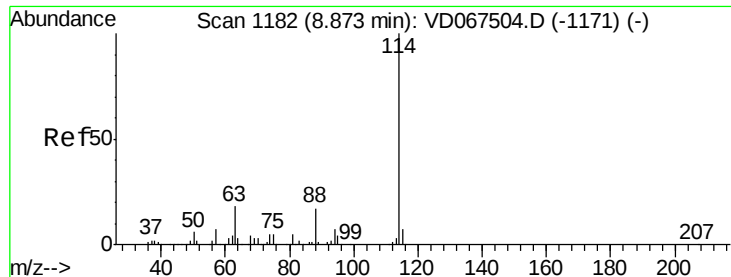
20000

0

Time-->

8.30 8.40

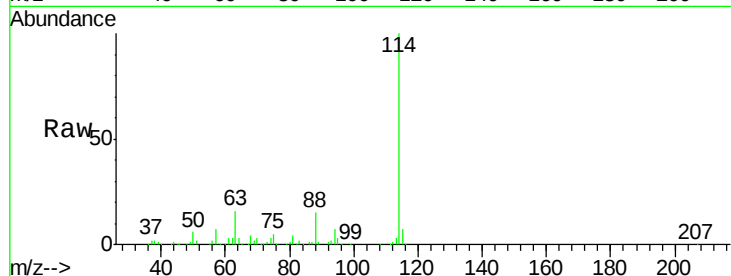




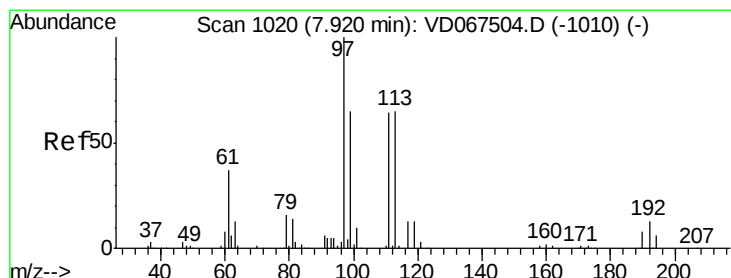
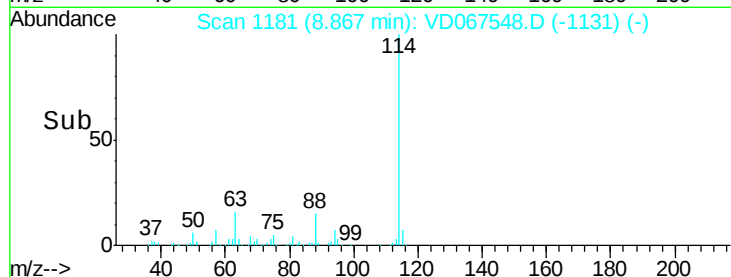
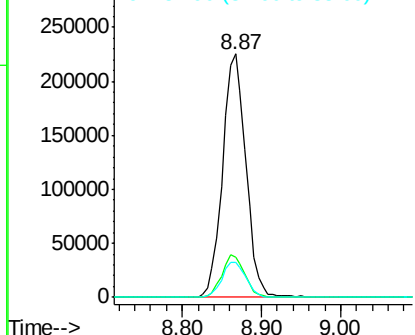
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067548.D
Acq: 06 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tot Ion:114 Resp: 457044
Ion Ratio Lower Upper
114 100
63 16.2 0.0 35.0
88 14.6 0.0 33.0

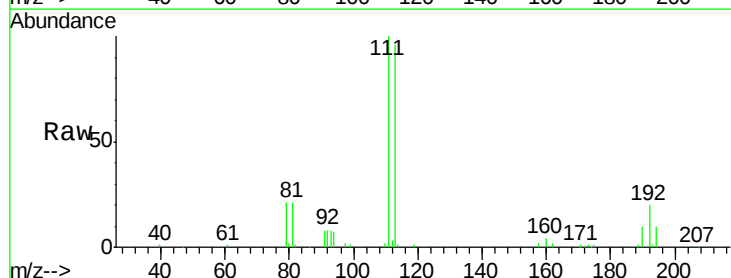


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

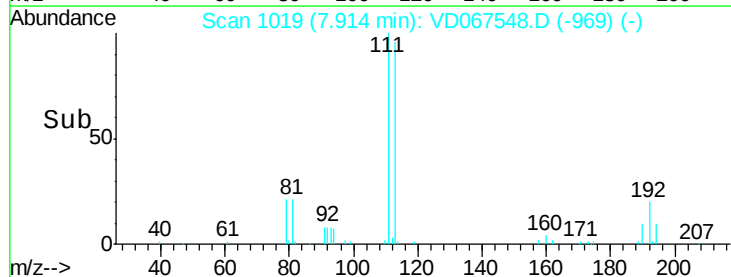
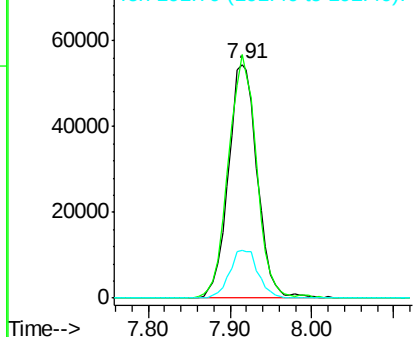


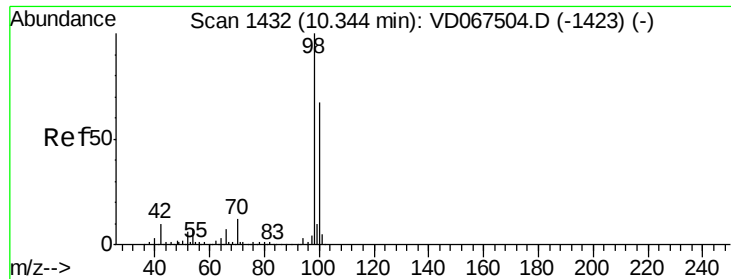
#35
Dibromofluoromethane
Concen: 48.442 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD067548.D
Acq: 06 Nov 2020 12:57

Tgt Ion:113 Resp: 133395
Ion Ratio Lower Upper
113 100
111 101.4 80.0 120.0
192 20.2 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: 46.827 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067548.D

Acq: 06 Nov 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

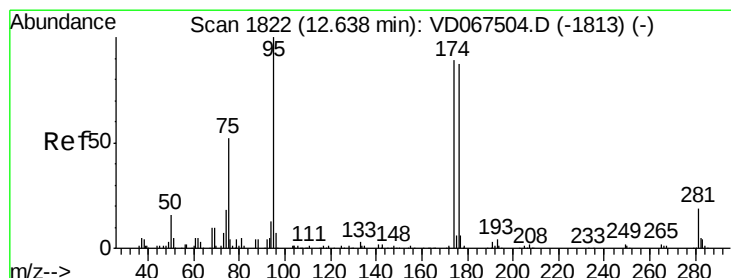
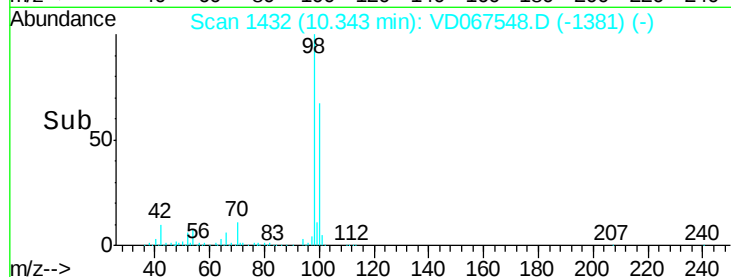
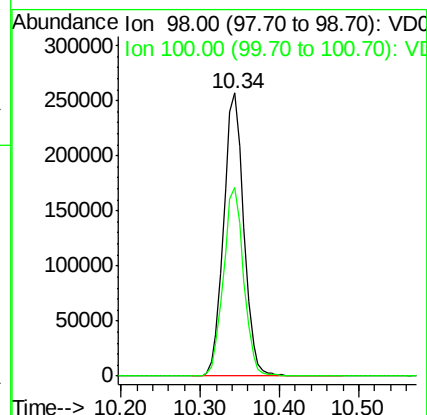
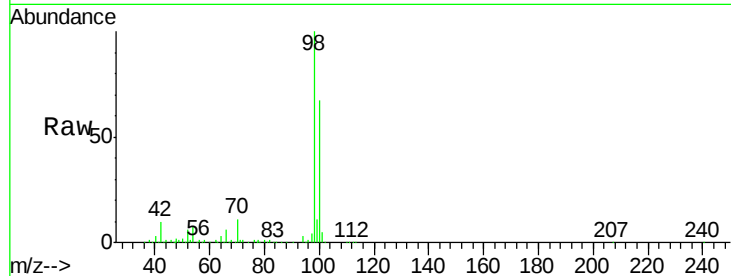
VIBLK

Tot Ion: 98 Resp: 453148

Ion Ratio Lower Upper

98 100

100 66.8 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 44.809 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067548.D

Acq: 06 Nov 2020 12:57

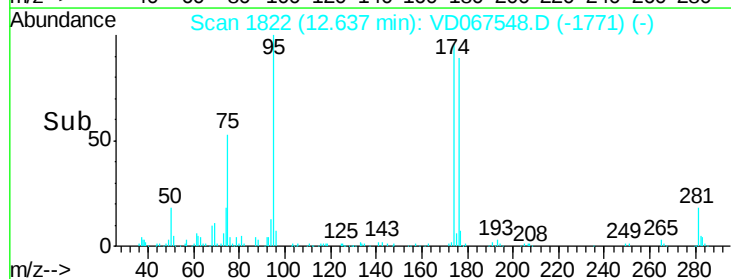
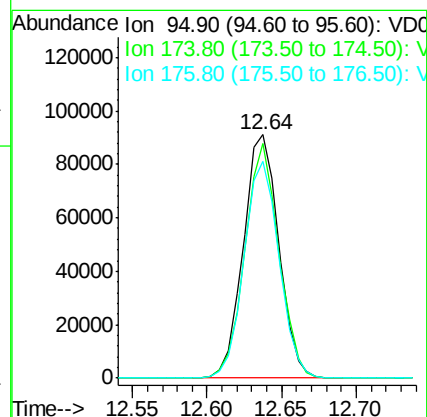
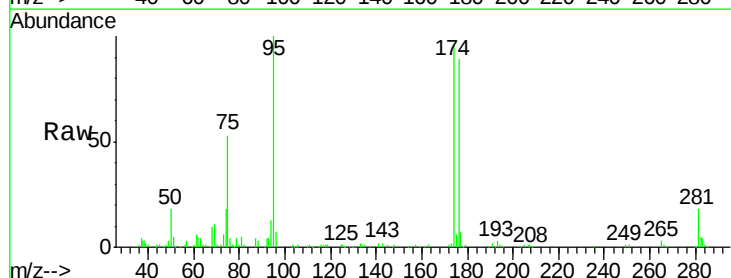
Tgt Ion: 95 Resp: 149706

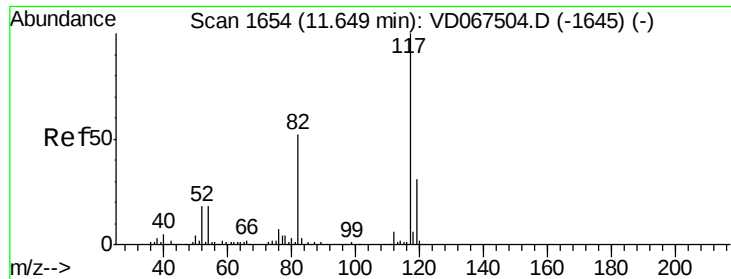
Ion Ratio Lower Upper

95 100

174 92.2 0.0 177.8

176 88.1 0.0 172.0

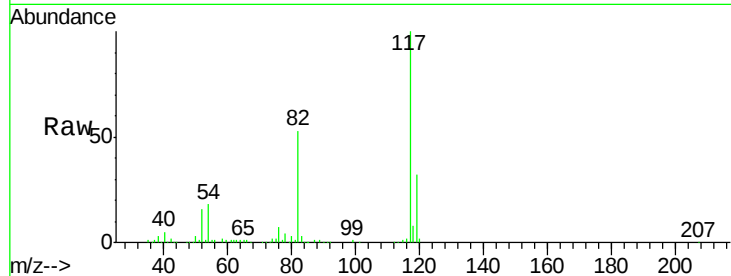




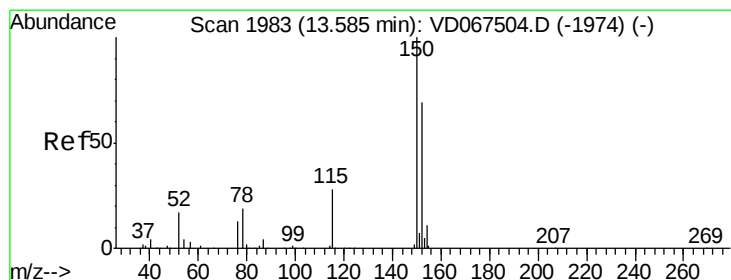
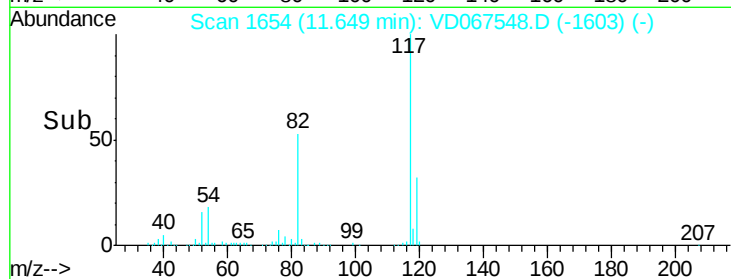
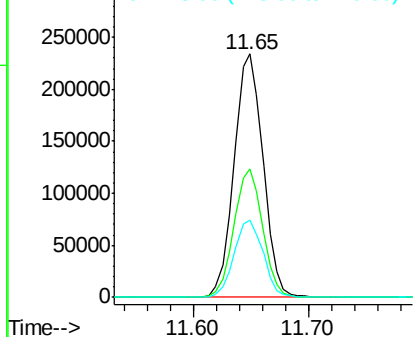
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067548.D
Acq: 06 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 405993
Ion Ratio Lower Upper
117 100
82 52.6 41.6 62.4
119 32.0 25.1 37.7

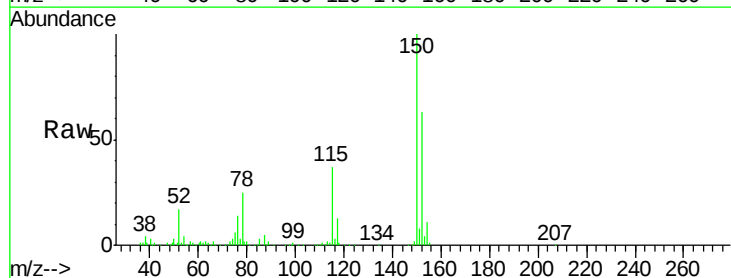


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067548.D
Acq: 06 Nov 2020 12:57

Tgt Ion:152 Resp: 192844
Ion Ratio Lower Upper
152 100
115 58.9 29.3 88.0
150 157.9 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

