

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
 Data File : VD067702.D
 Acq On : 19 Nov 2020 12:27
 Operator : VA/SY
 Sample : L4787-09
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-698-700

Quant Time: Nov 20 00:51:38 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

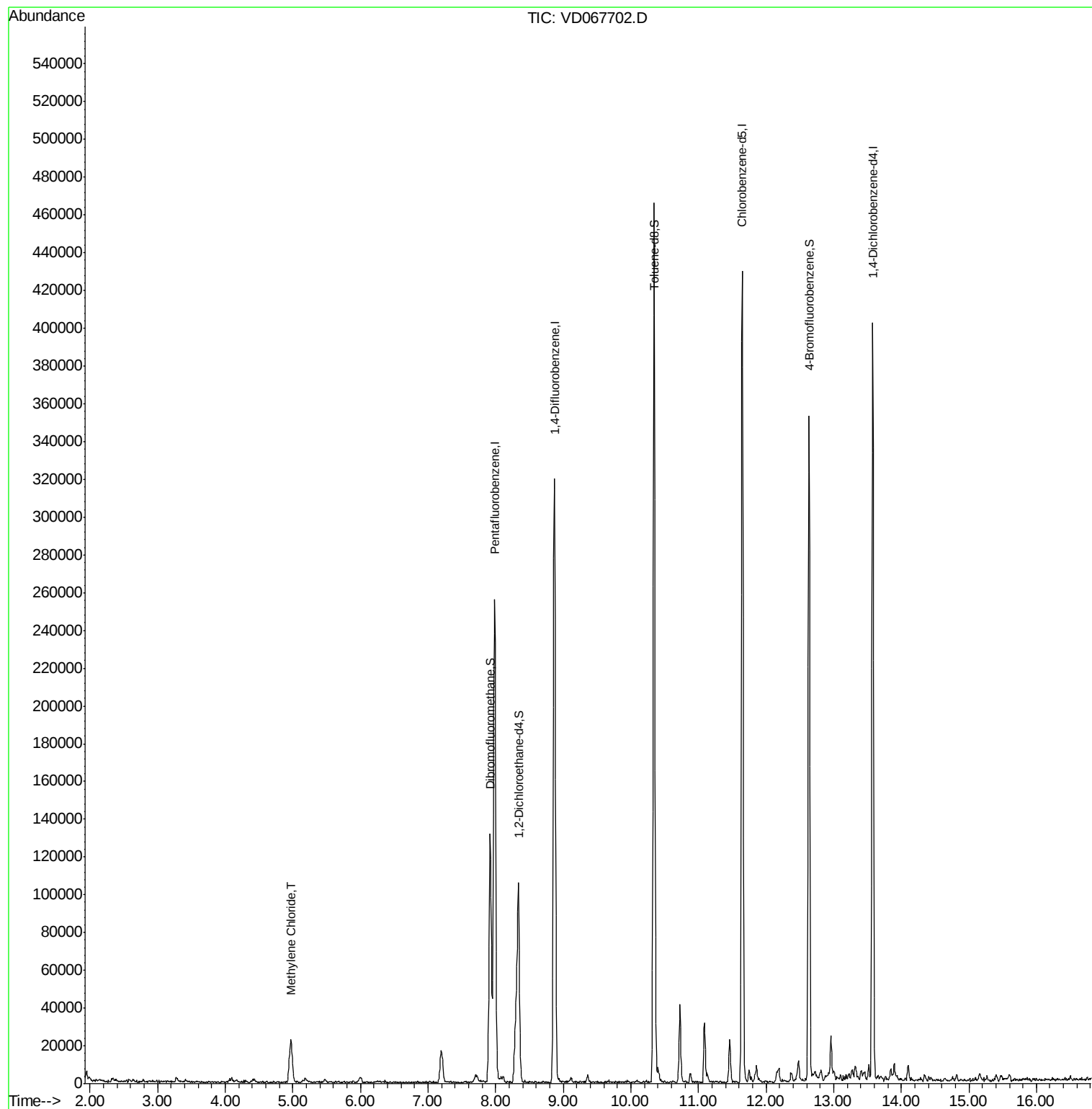
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	194328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	295950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	261521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	113436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	88915	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	7.92	113	91087	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
50) Toluene-d8	10.34	98	323958	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.64	95	98602	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
Target Compounds						
20) Methylene Chloride	4.97	84	19234	10.708	ug/l	Qvalue 96

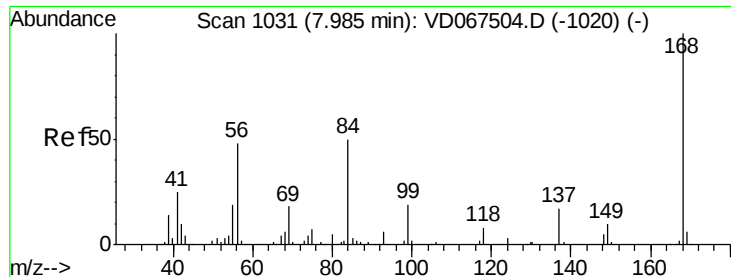
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111920\
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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: VD067702.D

Acq: 19 Nov 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

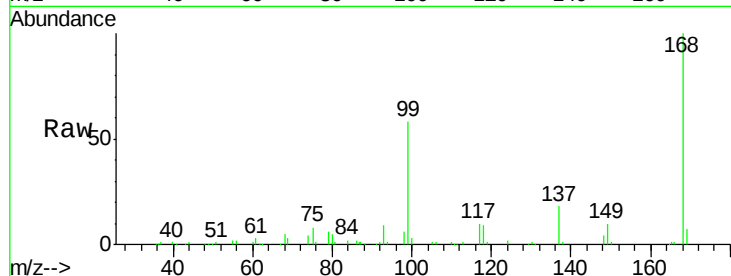
BP-VPB178-GW-698-700

Tot Ion:168 Resp: 194328

Ion Ratio Lower Upper

168 100

99 57.8 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

80000

60000

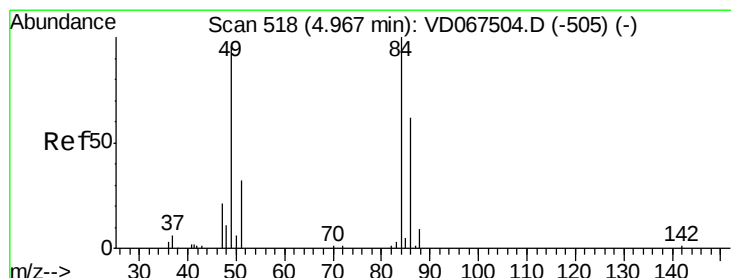
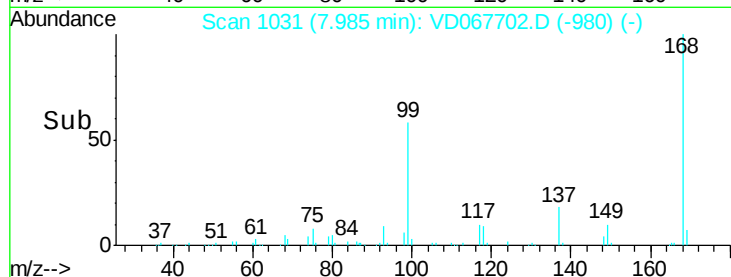
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#20

Methylene Chloride

Concen: 10.708 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD067702.D

Acq: 19 Nov 2020 12:27

Tgt Ion: 84 Resp: 19234

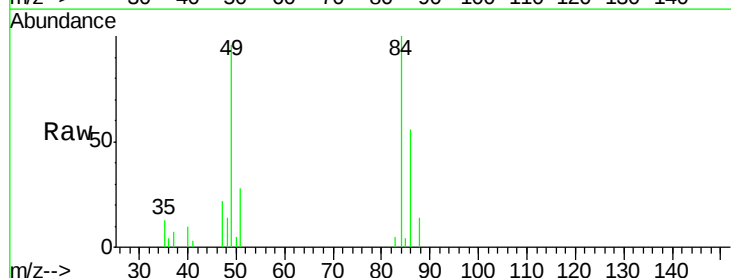
Ion Ratio Lower Upper

84 100

49 96.1 77.0 115.4

51 28.5 25.4 38.2

86 55.8 49.4 74.0



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

8000

6000

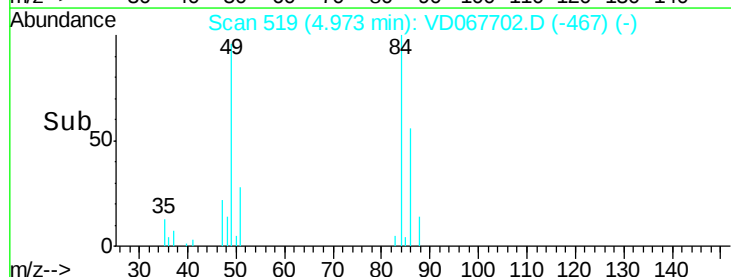
4000

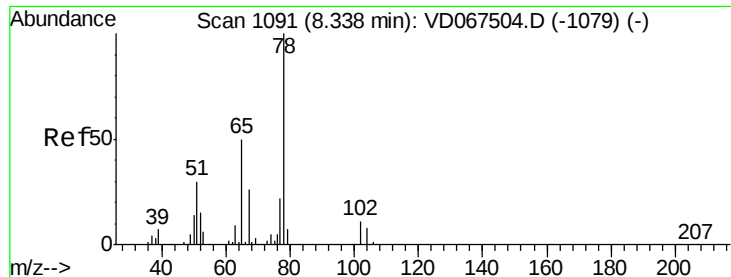
2000

0

4.90 4.95 5.00 5.05 5.10

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.328 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067702.D

Acq: 19 Nov 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

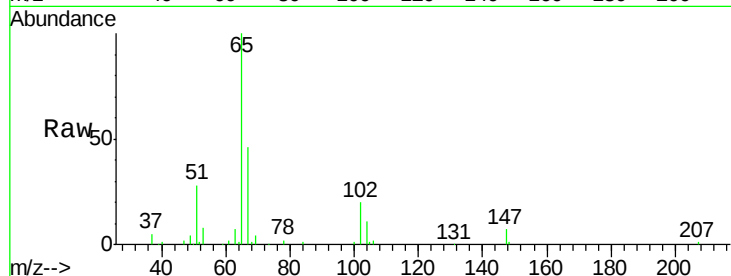
BP-VPB178-GW-698-700

Tot Ion: 65 Resp: 88915

Ion Ratio Lower Upper

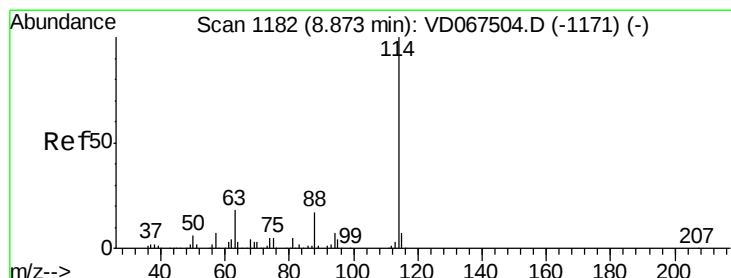
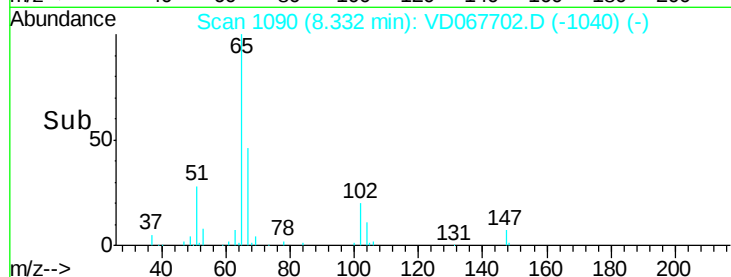
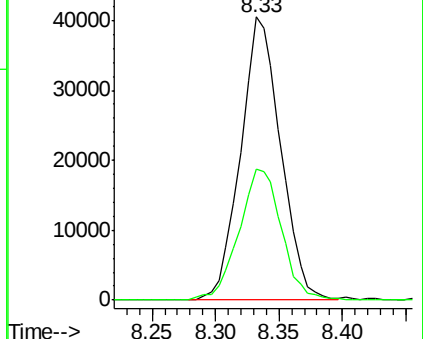
65 100

67 49.1 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# 1182

Delta R.T. -0.00 min

Lab File: VD067702.D

Acq: 19 Nov 2020 12:27

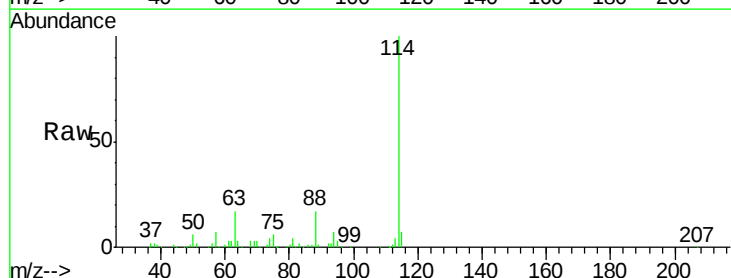
Tgt Ion: 114 Resp: 295950

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

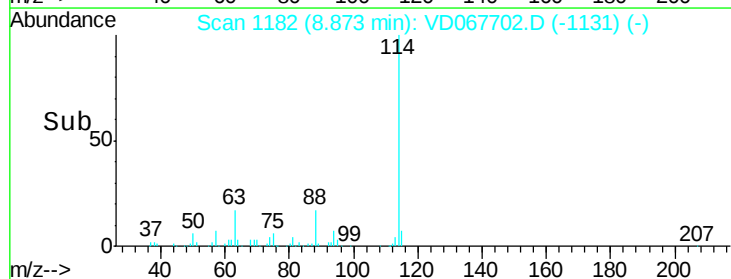
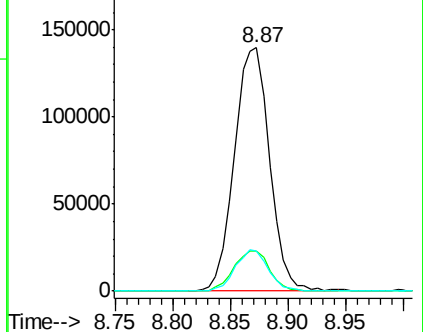
88 16.6 0.0 33.0

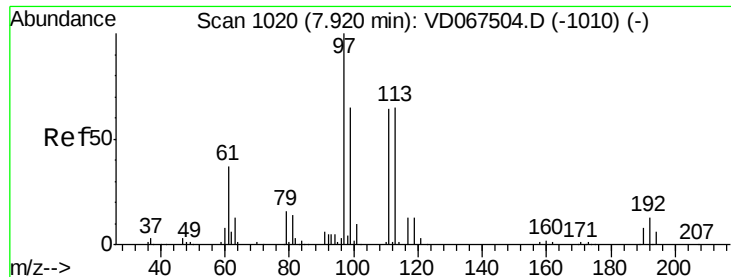


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

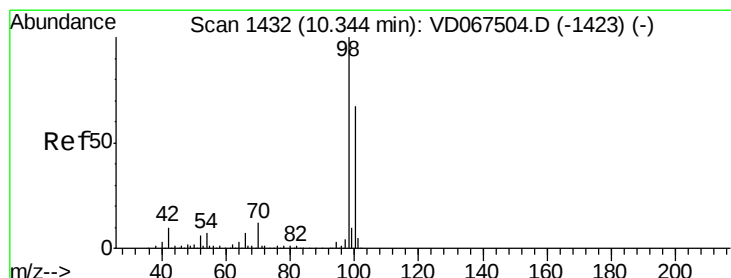
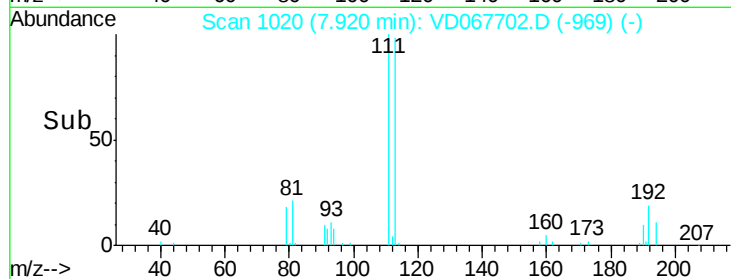
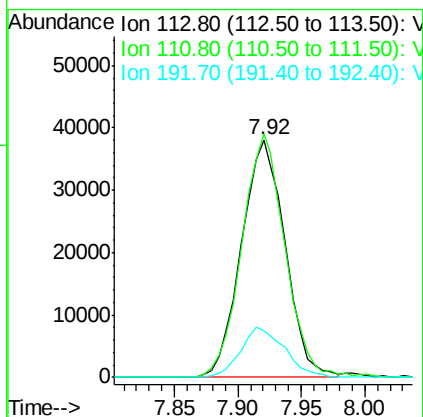
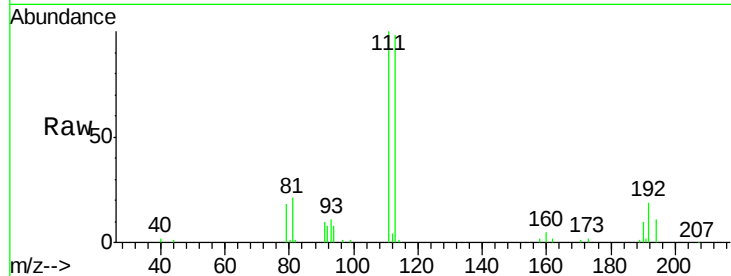




#35
 Dibromofluoromethane
 Concen: 51.084 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067702.D
 Acq: 19 Nov 2020 12:27

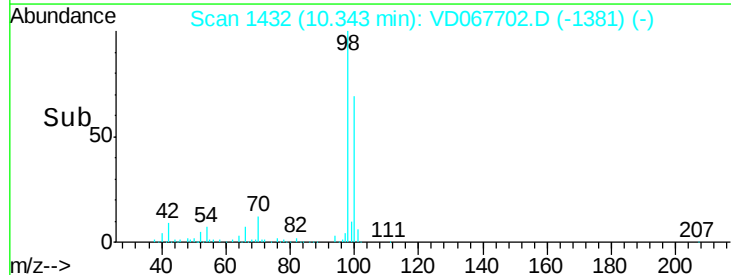
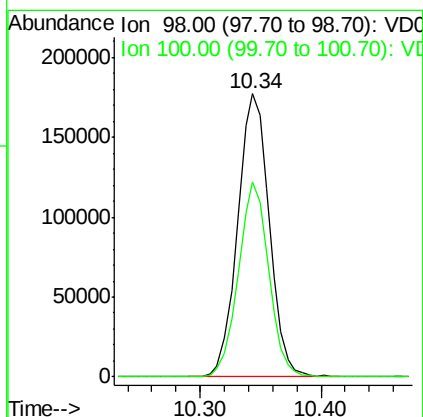
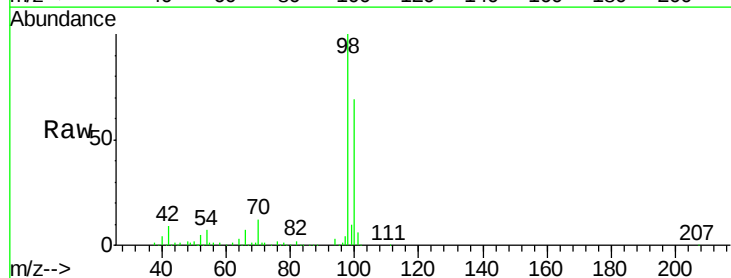
Instrument :
 MSVOA_D
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 BP-VPB178-GW-698-700

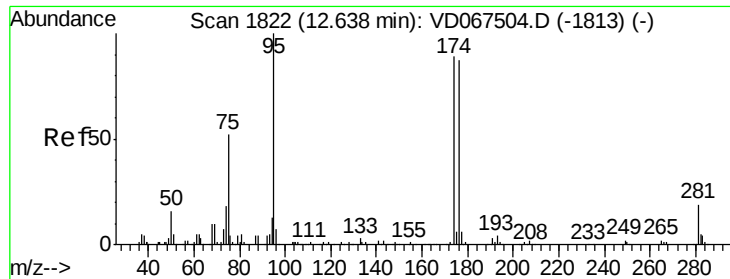
Tot Ion:113 Resp: 91087
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.0 120.0
 192 21.1 16.3 24.5



#50
 Toluene-d8
 Concen: 51.699 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067702.D
 Acq: 19 Nov 2020 12:27

Tgt Ion: 98 Resp: 323958
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 45.578 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067702.D

Acq: 19 Nov 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB178-GW-698-700

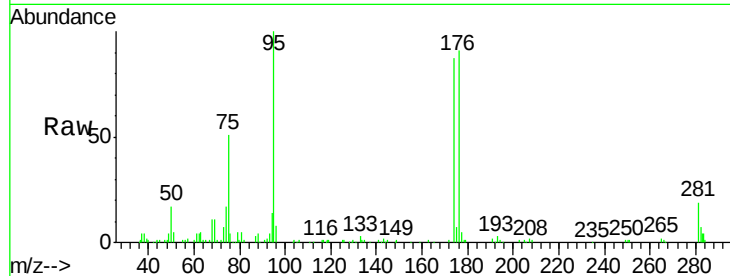
Tot Ion: 95 Resp: 98602

Ion Ratio Lower Upper

95 100

174 90.0 0.0 177.8

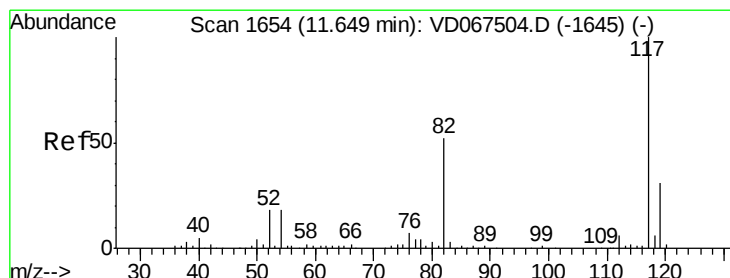
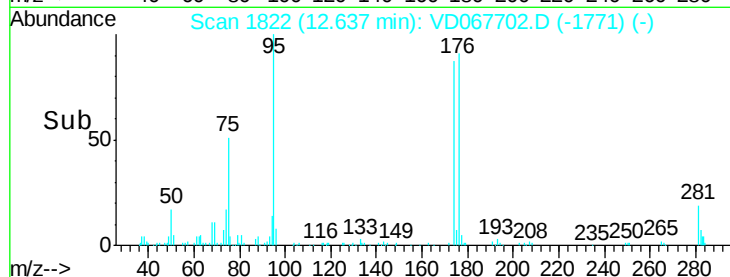
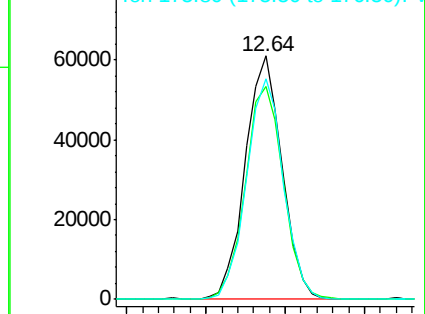
176 90.6 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067702.D

Acq: 19 Nov 2020 12:27

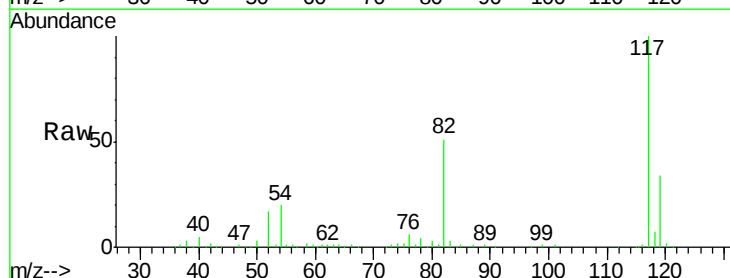
Tgt Ion: 117 Resp: 261521

Ion Ratio Lower Upper

117 100

82 51.2 41.6 62.4

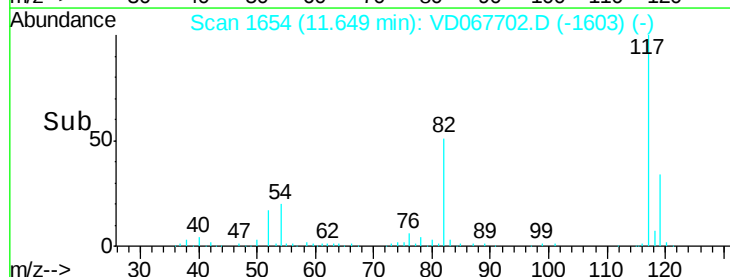
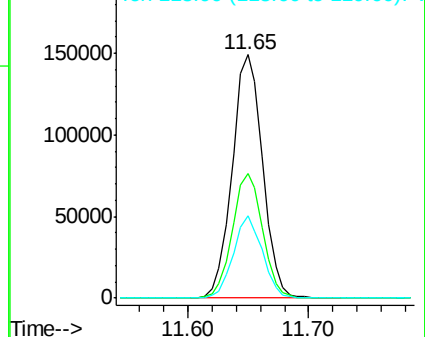
119 33.8 25.1 37.7

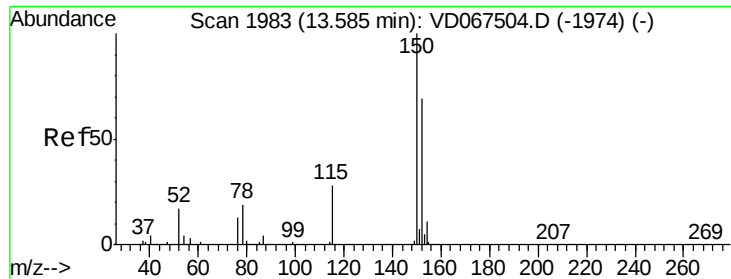


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067702.D

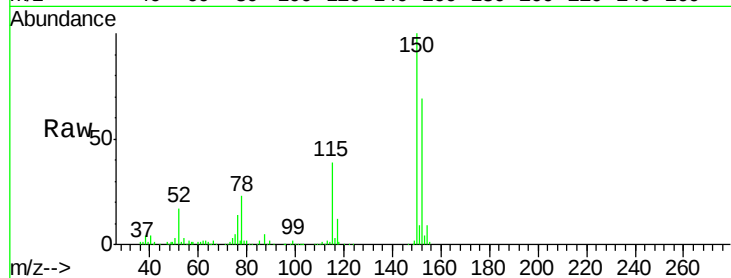
Acq: 19 Nov 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB178-GW-698-700



Tot Ion:	152	Resp:	113436
Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.3	88.0
150	150.0	0.0	338.2

