

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067665.D
 Acq On : 17 Nov 2020 16:26
 Operator : VA/SY
 Sample : L4771-12
 Misc : 4.54G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-02-4-5

Quant Time: Nov 18 00:39:13 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

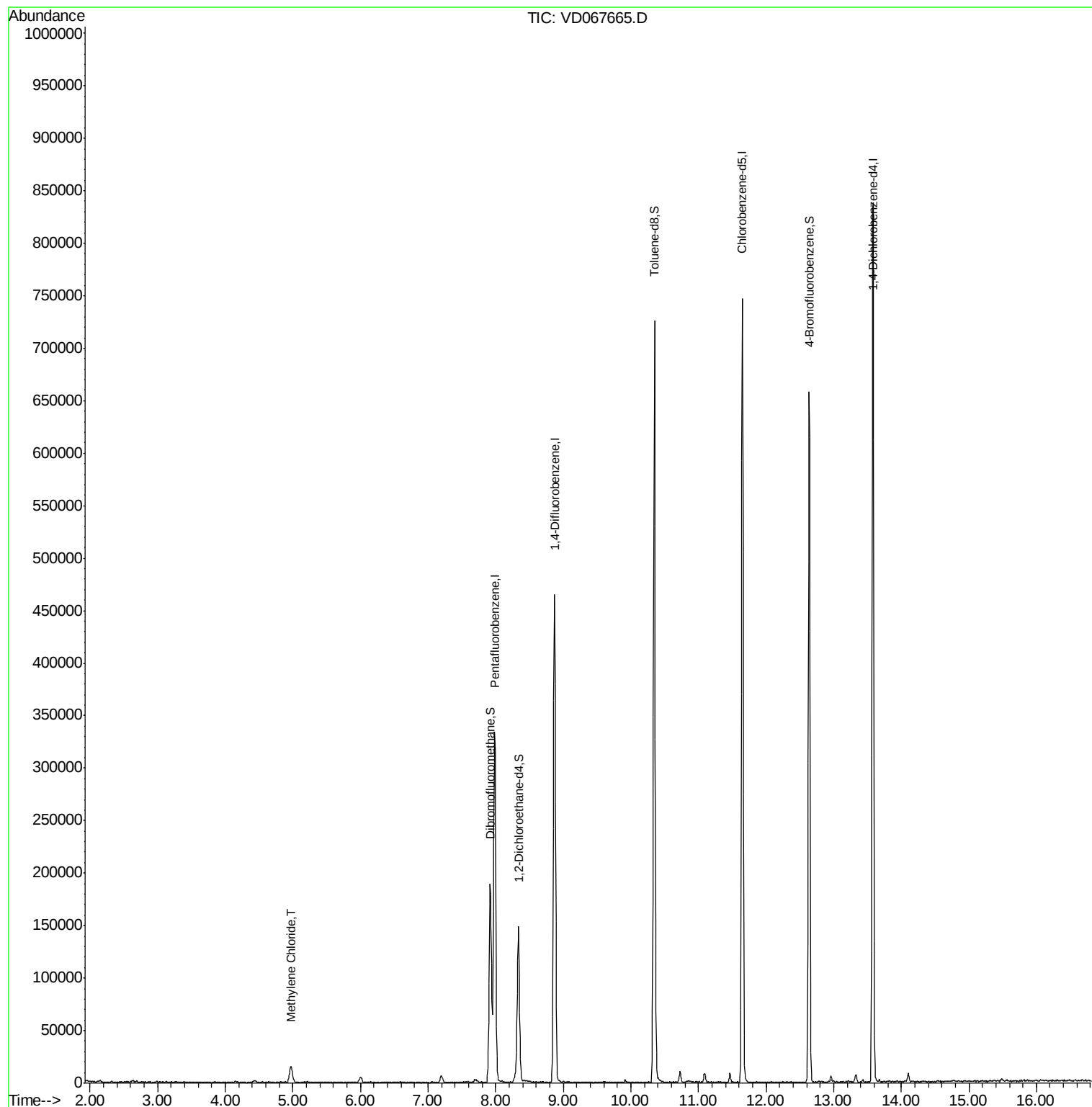
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	257819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	422133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	456396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	238251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	129220	57.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.64%	
35) Dibromofluoromethane	7.92	113	134932	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
50) Toluene-d8	10.35	98	507379	56.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.54%	
62) 4-Bromofluorobenzene	12.64	95	198416	64.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.60%	
Target Compounds						
20) Methylene Chloride	4.97	84	13650	5.728	ug/l #	Qvalue 88

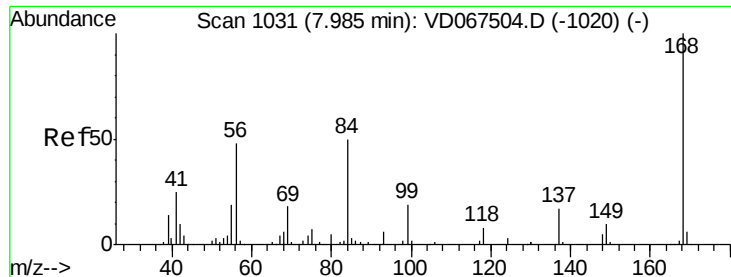
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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ClientSampleId :

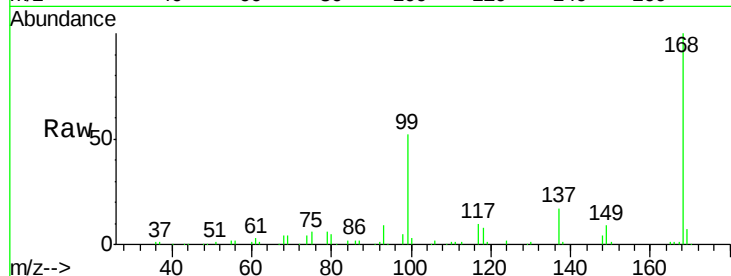
CD-BH-02-4-5

Tot Ion:168 Resp: 257819

Ion Ratio Lower Upper

168 100

99 52.5 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

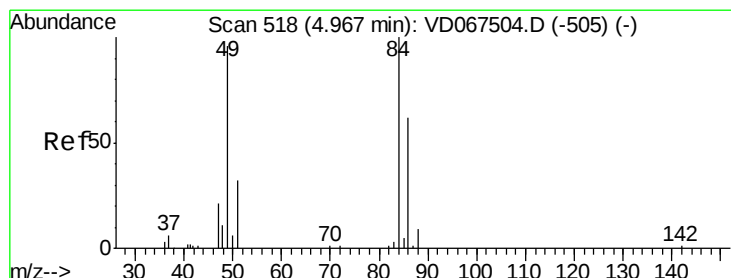
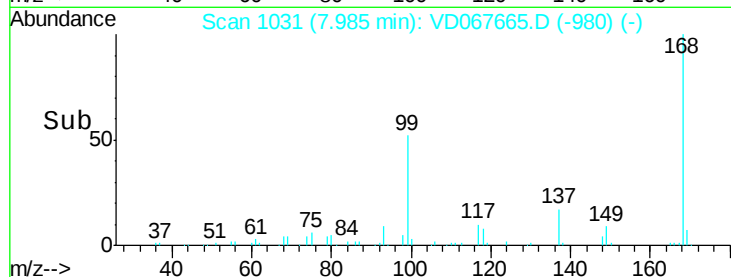
100000

50000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.728 ug/l

RT: 4.97 min Scan# 518

Delta R.T. -0.00 min

Lab File: VD067665.D

Acq: 17 Nov 2020 16:26

Tgt Ion: 84 Resp: 13650

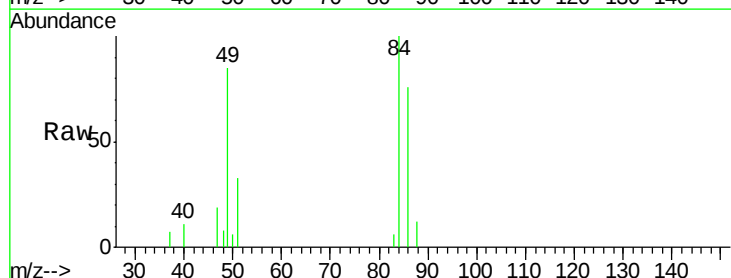
Ion Ratio Lower Upper

84 100

49 84.7 77.0 115.4

51 33.1 25.4 38.2

86 76.1 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

4.97

6000

5000

4000

3000

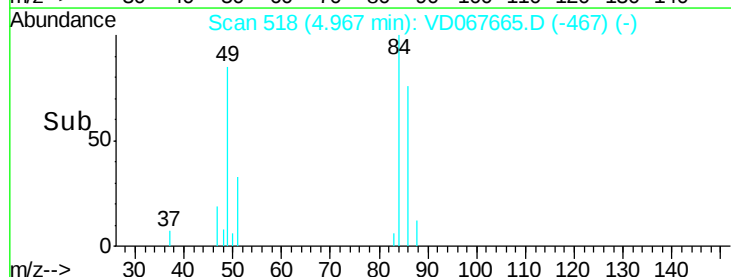
2000

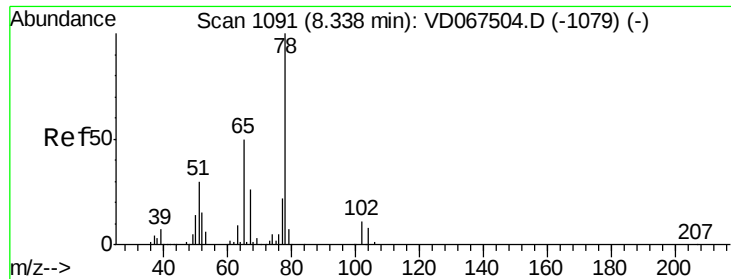
1000

0

Time-->

4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 57.320 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067665.D

Acq: 17 Nov 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

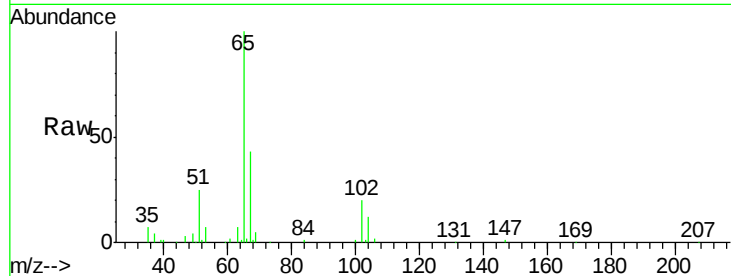
CD-BH-02-4-5

Tot Ion: 65 Resp: 129220

Ion Ratio Lower Upper

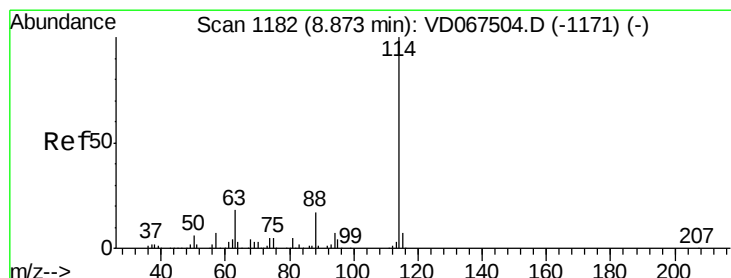
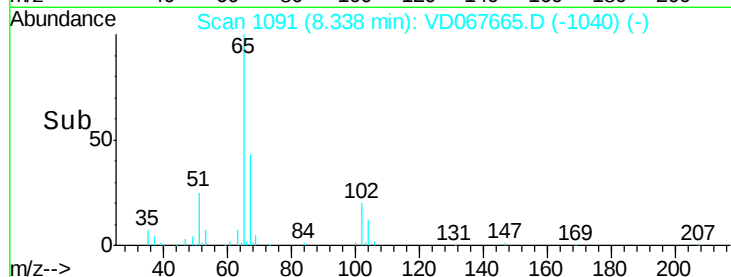
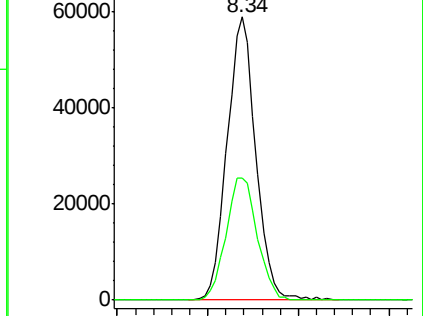
65 100

67 47.0 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: VD067665.D

Acq: 17 Nov 2020 16:26

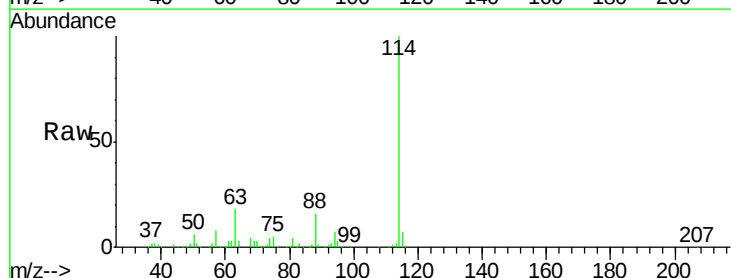
Tgt Ion: 114 Resp: 422133

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

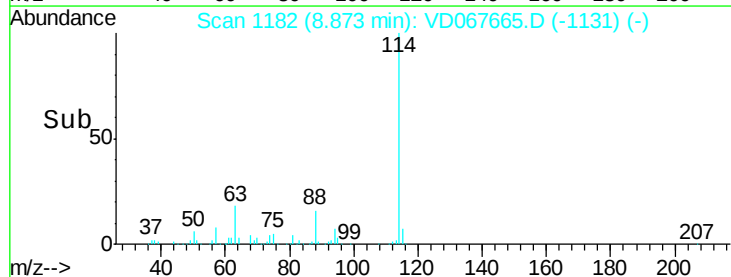
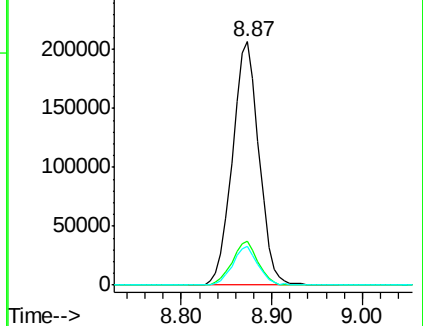
88 16.1 0.0 33.0

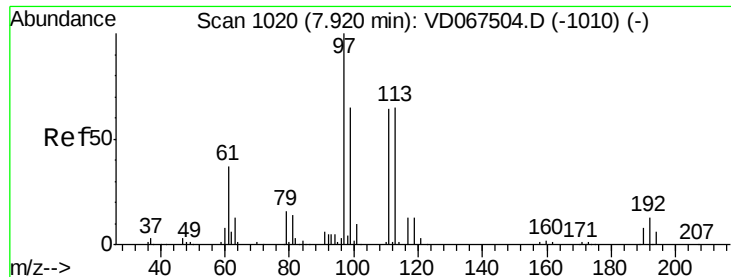


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

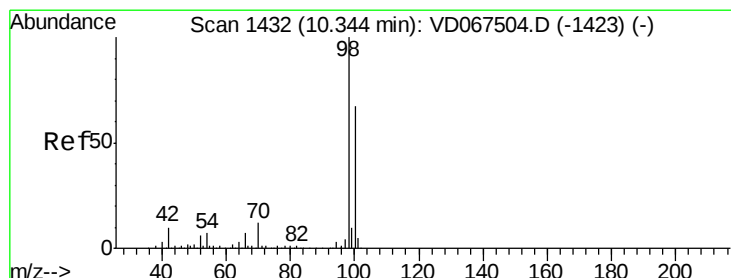
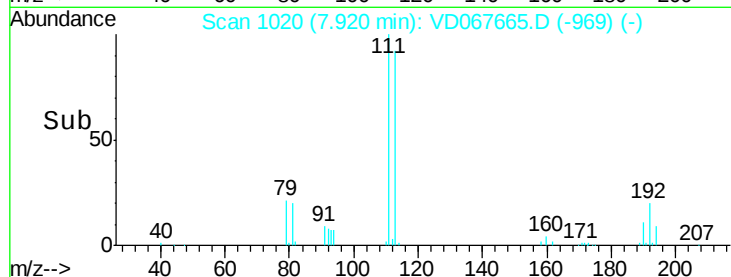
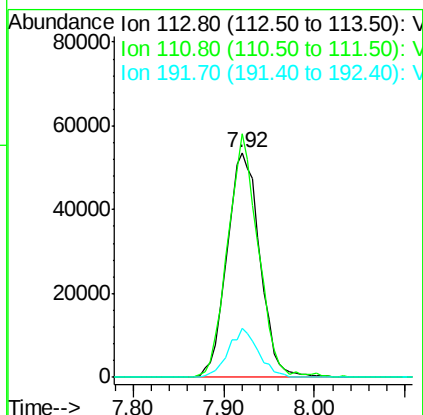
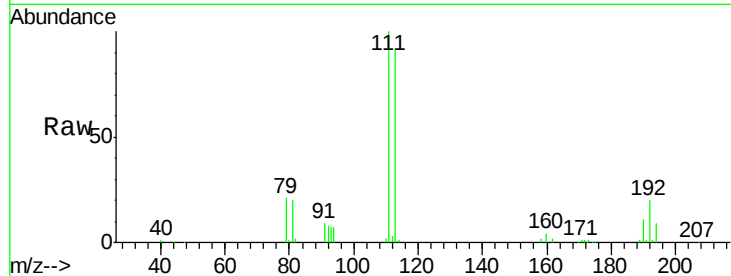




#35
 Dibromofluoromethane
 Concen: 53.053 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067665.D
 Acq: 17 Nov 2020 16:26

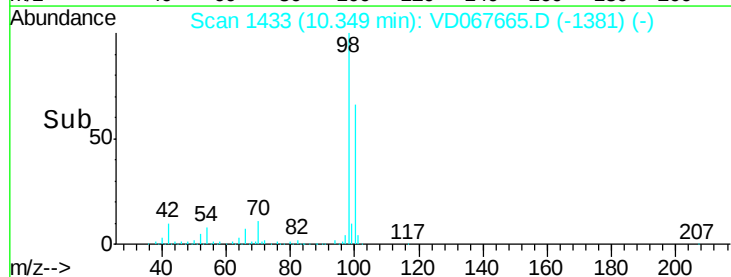
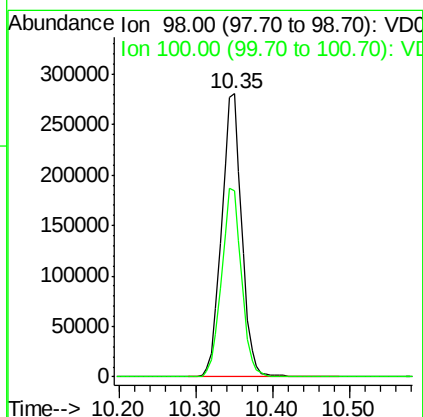
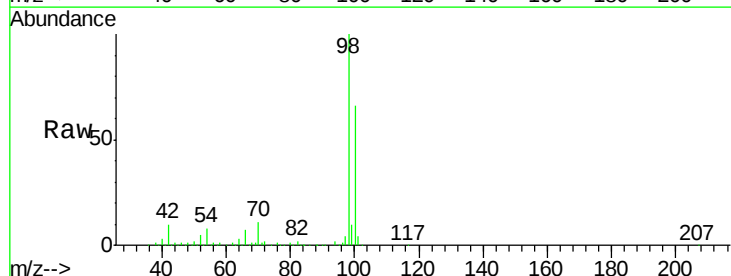
Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-02-4-5

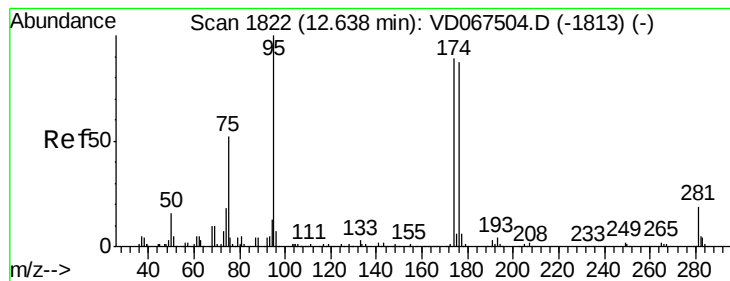
Tot Ion:113 Resp: 134932
 Ion Ratio Lower Upper
 113 100
 111 100.2 80.0 120.0
 192 20.0 16.3 24.5



#50
 Toluene-d8
 Concen: 56.767 ug/l
 RT: 10.35 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: VD067665.D
 Acq: 17 Nov 2020 16:26

Tgt Ion: 98 Resp: 507379
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 64.300 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067665.D

Acq: 17 Nov 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

CD-BH-02-4-5

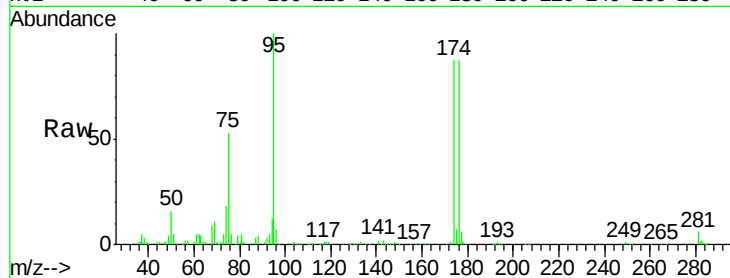
Tot Ion: 95 Resp: 198416

Ion Ratio Lower Upper

95 100

174 92.7 0.0 177.8

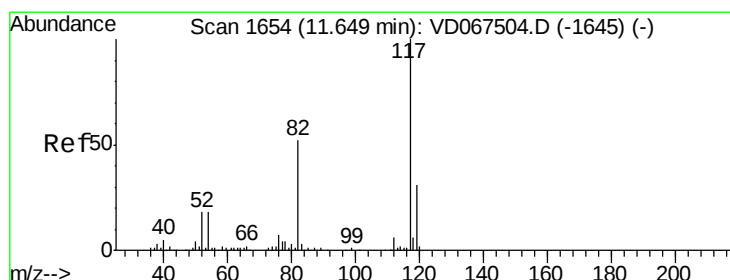
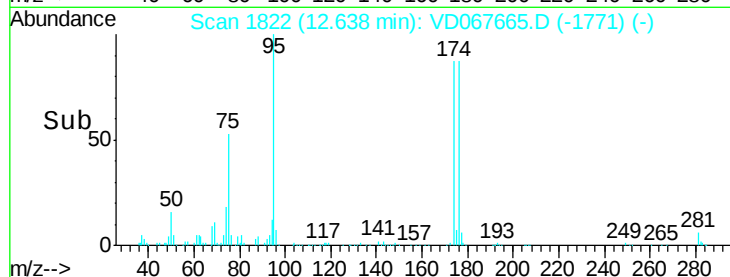
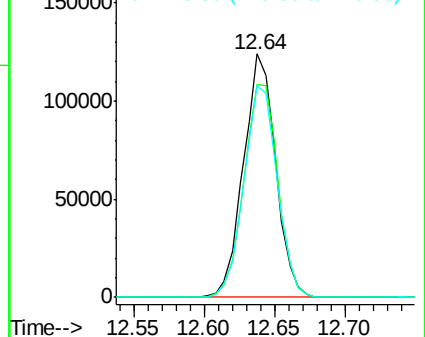
176 90.1 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): VD

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: VD067665.D

Acq: 17 Nov 2020 16:26

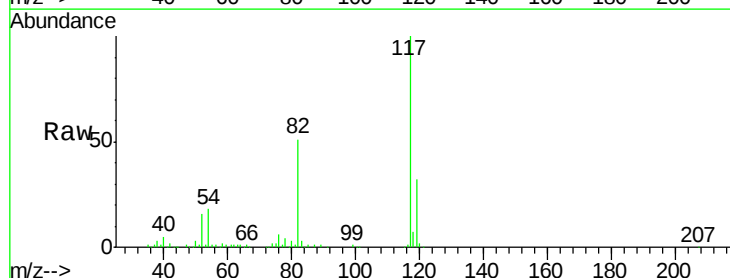
Tgt Ion: 117 Resp: 456396

Ion Ratio Lower Upper

117 100

82 51.3 41.6 62.4

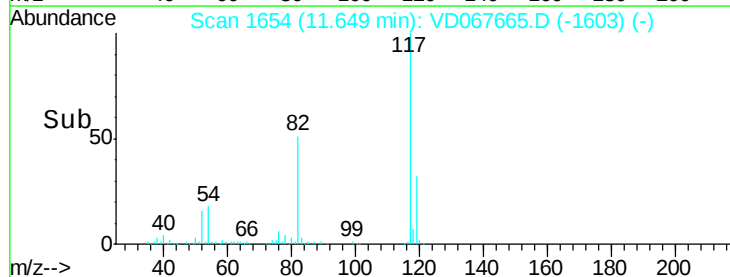
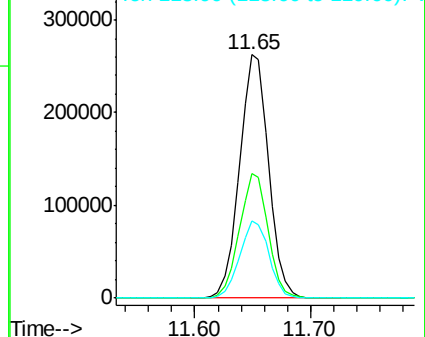
119 31.9 25.1 37.7

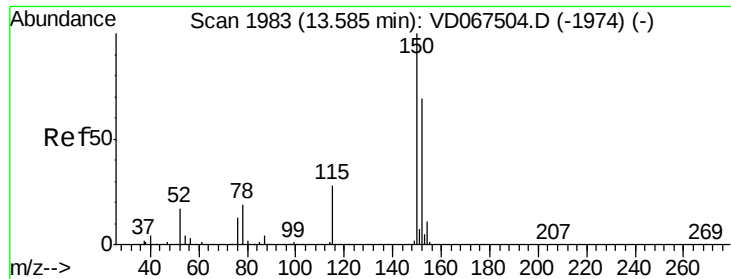


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD067665.D

Acq: 17 Nov 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

CD-BH-02-4-5

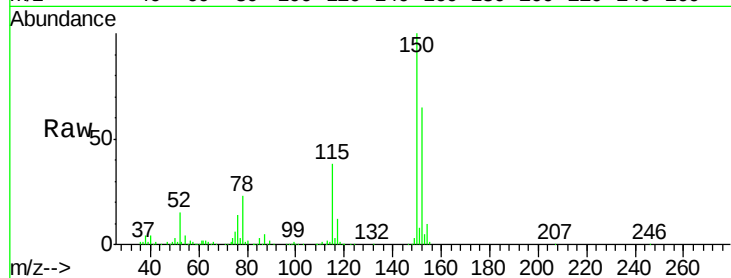
Tot Ion:152 Resp: 238251

Ion Ratio Lower Upper

152 100

115 59.1 29.3 88.0

150 157.4 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

