

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067661.D
 Acq On : 17 Nov 2020 14:37
 Operator : VA/SY
 Sample : L4771-04
 Misc : 6.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-01-2-3

Quant Time: Nov 18 00:32:04 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	6149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	8444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	9696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	4385	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	3548	65.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.98%	
35) Dibromofluoromethane	7.91	113	2893	56.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.74%	
50) Toluene-d8	10.35	98	10236	57.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.50%	
62) 4-Bromofluorobenzene	12.64	95	3622	58.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.36%	

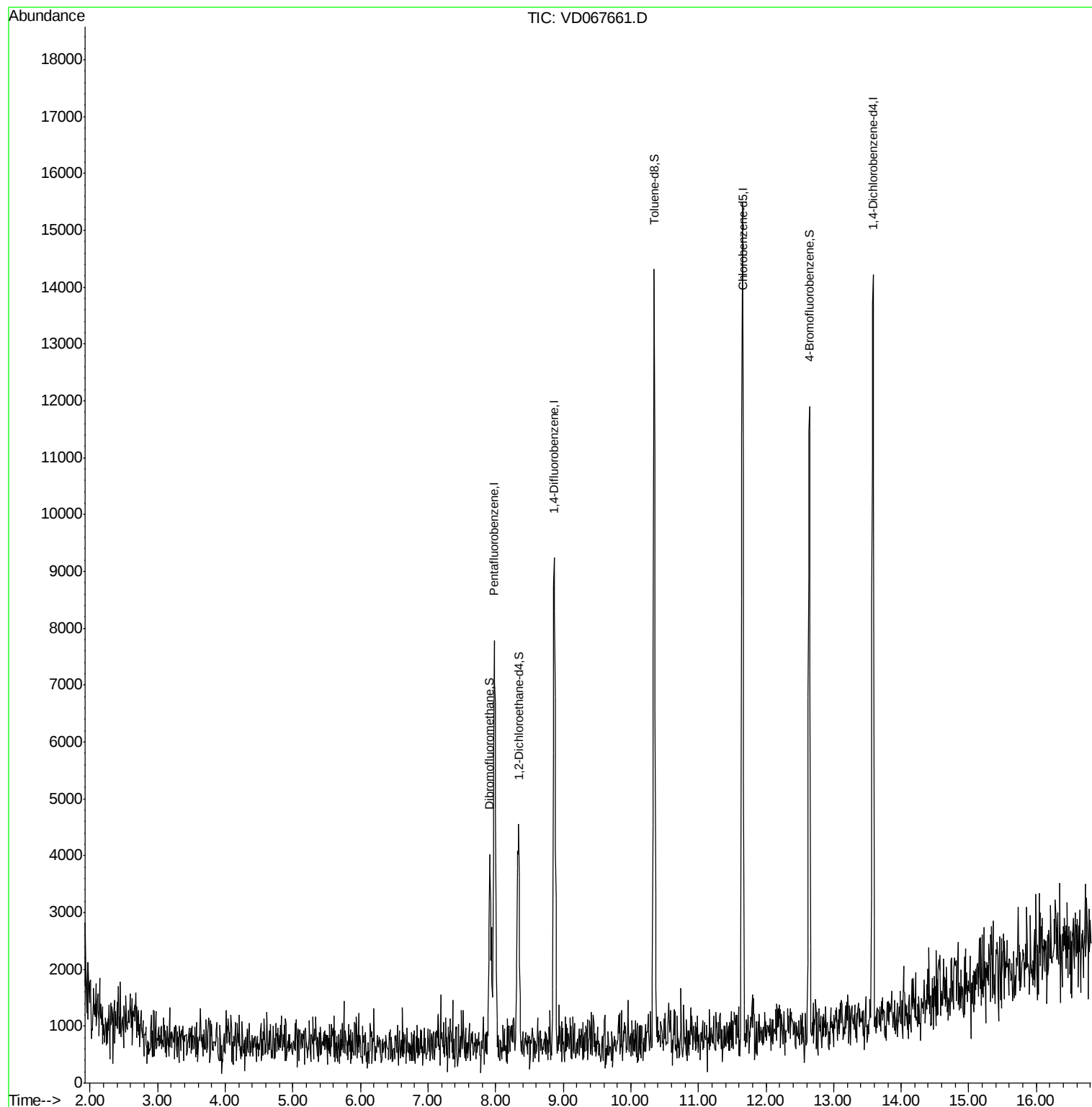
Target Compounds	Qvalue

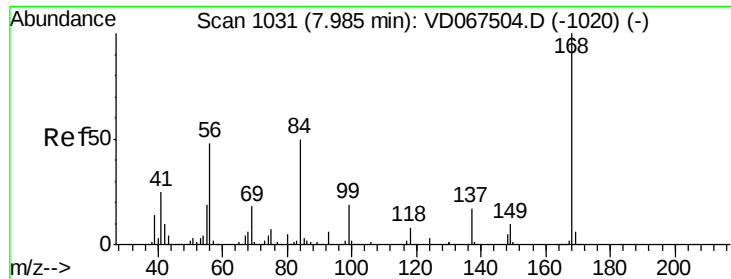
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067661.D

Acq: 17 Nov 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

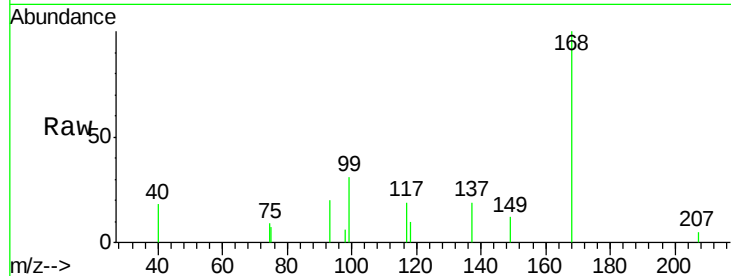
CD-BH-01-2-3

Tot Ion:168 Resp: 6149

Ion Ratio Lower Upper

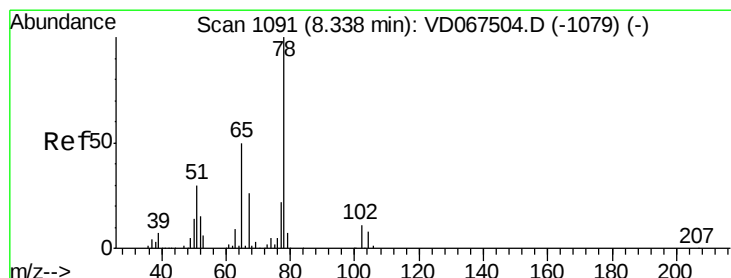
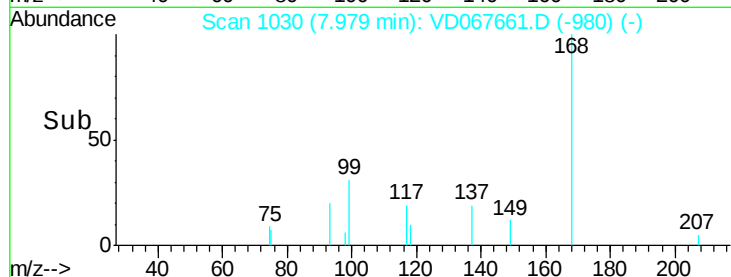
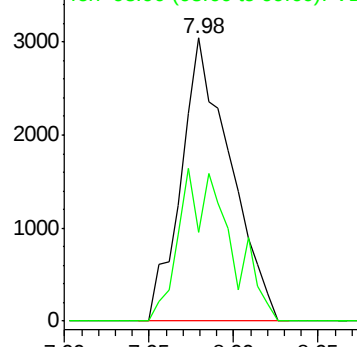
168 100

99 31.3 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: 65.989 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067661.D

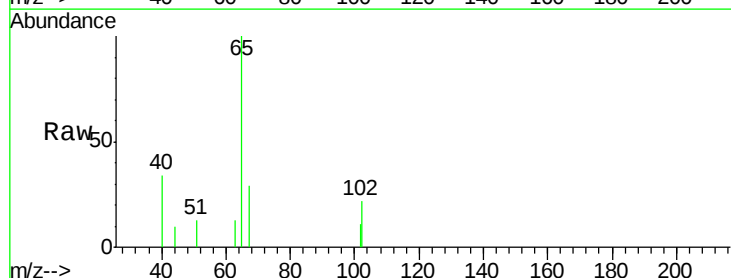
Acq: 17 Nov 2020 14:37

Tgt Ion: 65 Resp: 3548

Ion Ratio Lower Upper

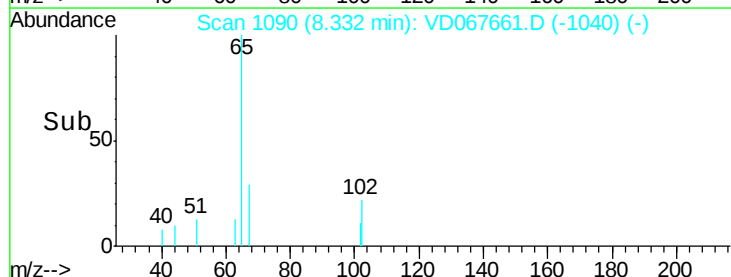
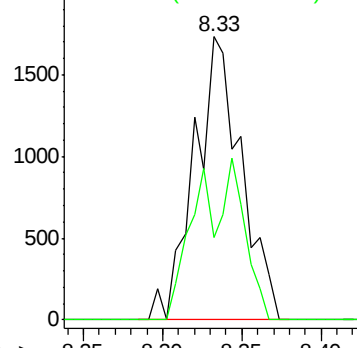
65 100

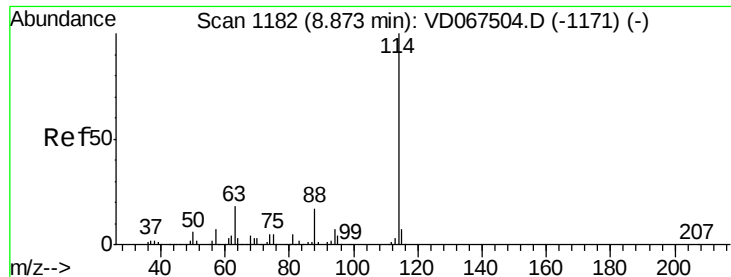
67 28.0 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

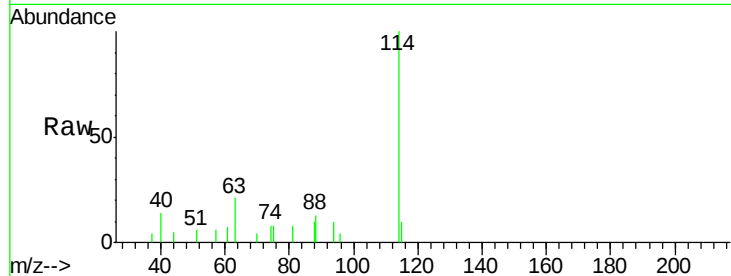




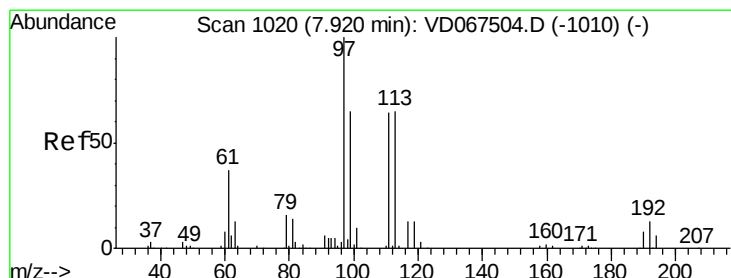
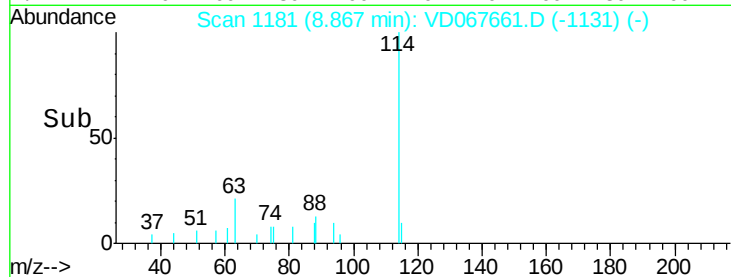
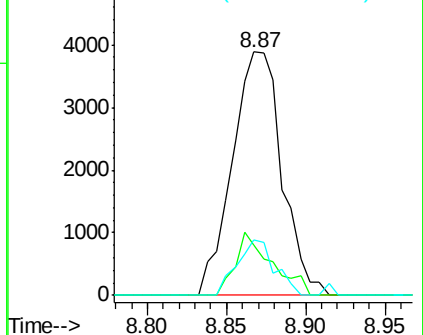
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067661.D
 Acq: 17 Nov 2020 14:37

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-01-2-3

Tot Ion:114 Resp: 8444
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 35.0
 88 22.5 0.0 33.0

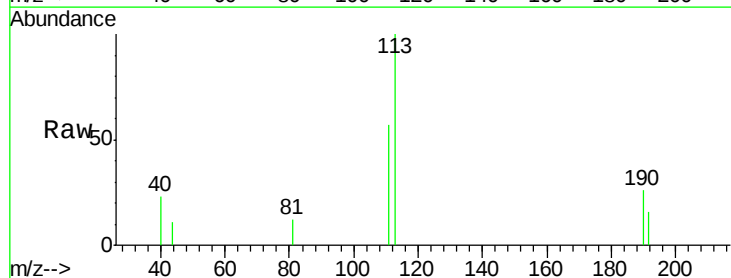


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

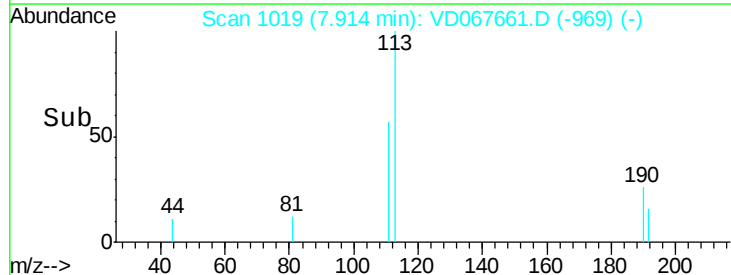
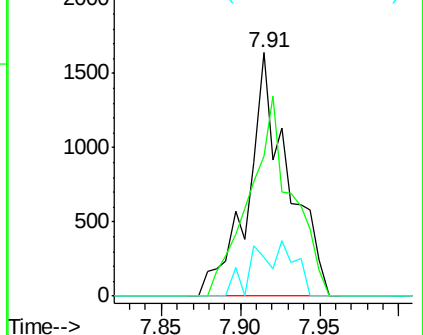


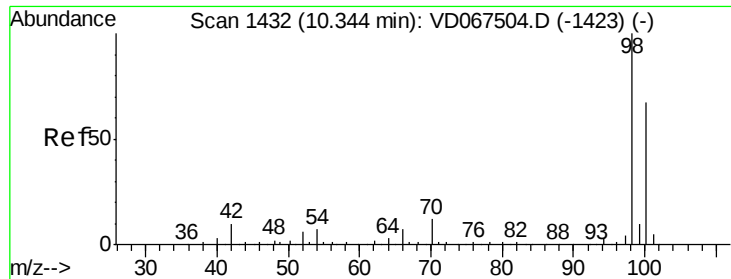
#35
 Dibromofluoromethane
 Concen: 56.865 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067661.D
 Acq: 17 Nov 2020 14:37

Tgt Ion:113 Resp: 2893
 Ion Ratio Lower Upper
 113 100
 111 87.0 80.0 120.0
 192 10.4 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

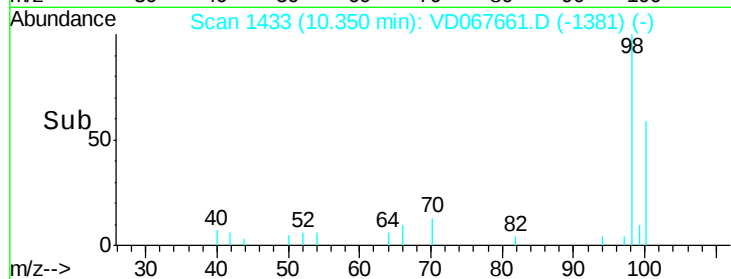
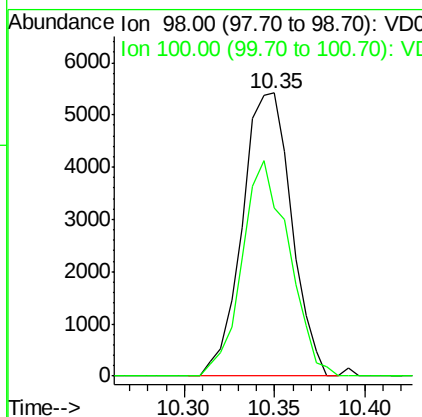
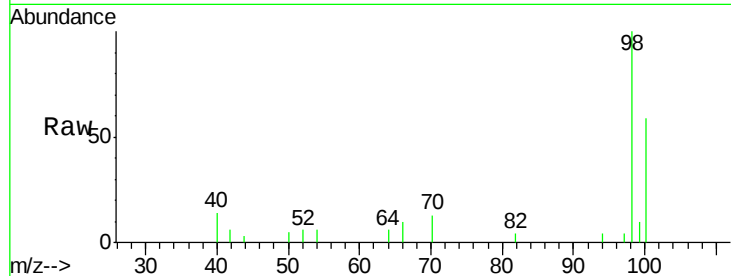




#50
Toluene-d8
Concen: 57.253 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VD067661.D
Acq: 17 Nov 2020 14:37

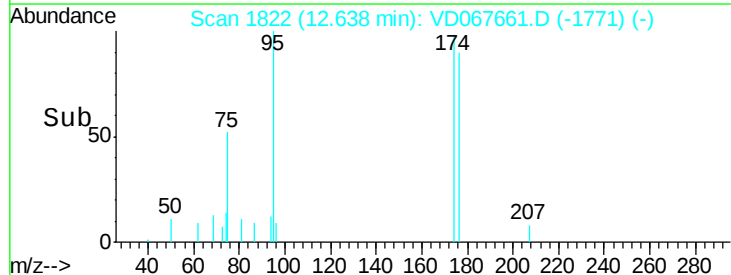
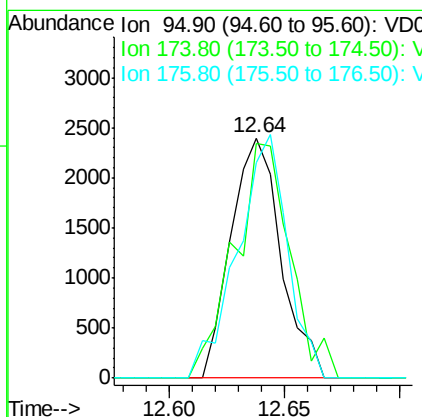
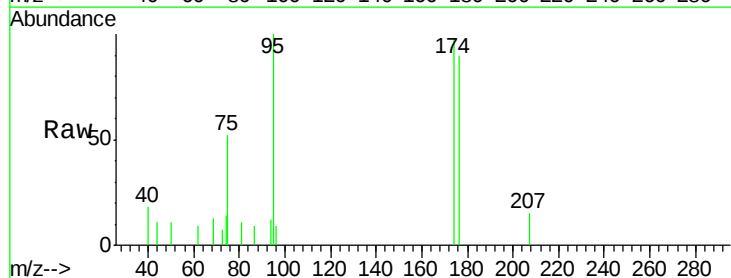
Instrument :
MSVOA_D
ClientSampleId :
CD-BH-01-2-3

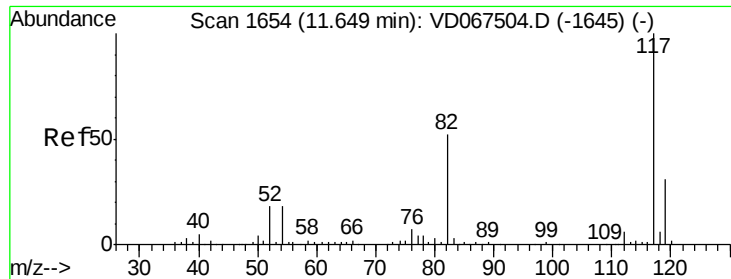
Tot Ion: 98 Resp: 10236
Ion Ratio Lower Upper
98 100
100 72.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 58.679 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067661.D
Acq: 17 Nov 2020 14:37

Tgt Ion: 95 Resp: 3622
Ion Ratio Lower Upper
95 100
174 108.6 0.0 177.8
176 101.3 0.0 172.0

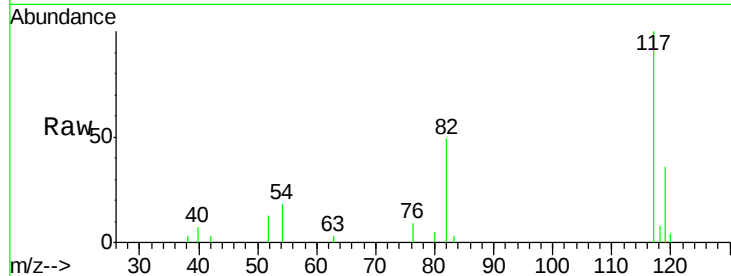




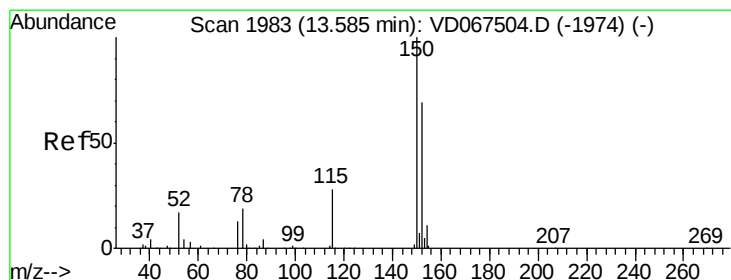
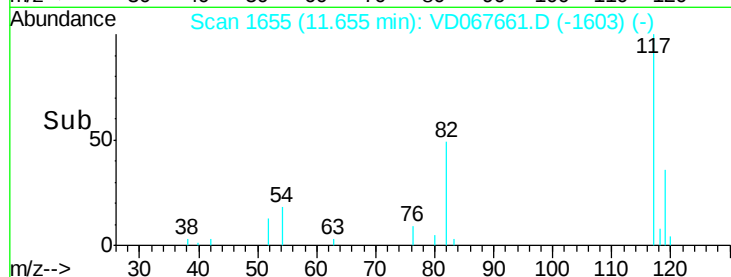
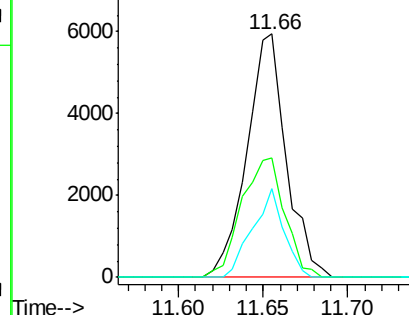
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD067661.D
Acq: 17 Nov 2020 14:37

Instrument :
MSVOA_D
ClientSampleId :
CD-BH-01-2-3

Tot Ion:117 Resp: 9696
Ion Ratio Lower Upper
117 100
82 49.0 41.6 62.4
119 36.5 25.1 37.7

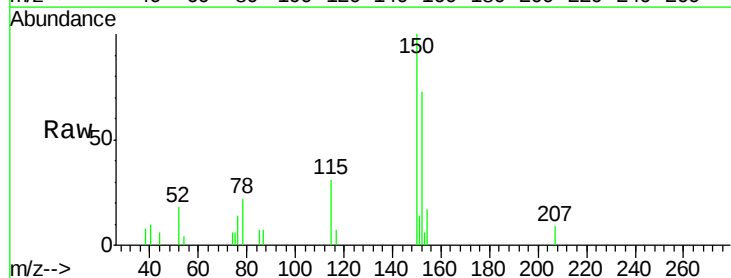


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067661.D
Acq: 17 Nov 2020 14:37

Tgt Ion:152 Resp: 4385
Ion Ratio Lower Upper
152 100
115 57.4 29.3 88.0
150 160.3 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

