

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067662.D
 Acq On : 17 Nov 2020 15:04
 Operator : VA/SY
 Sample : L4771-06
 Misc : 6.26G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-01-4-5

Quant Time: Nov 18 00:33:44 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	226261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	375232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	410002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	212619	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	116888	59.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.16%	
35) Dibromofluoromethane	7.92	113	119529	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
50) Toluene-d8	10.34	98	455394	57.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.64%	
62) 4-Bromofluorobenzene	12.64	95	174997	63.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.60%	

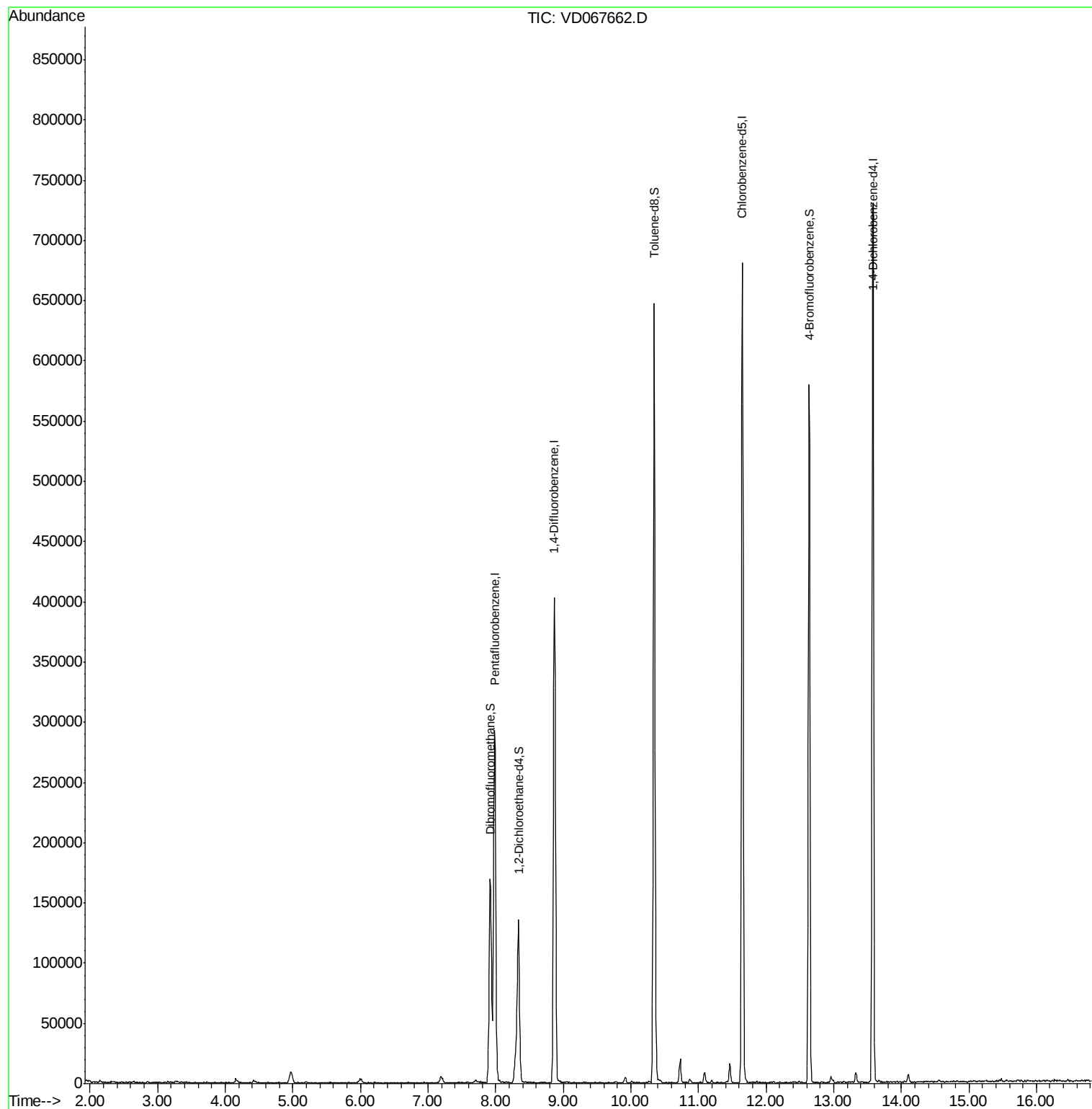
Target Compounds	Qvalue

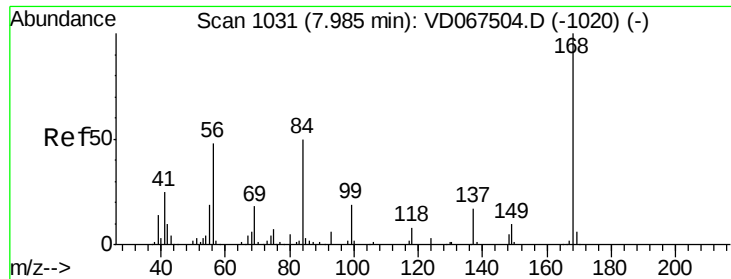
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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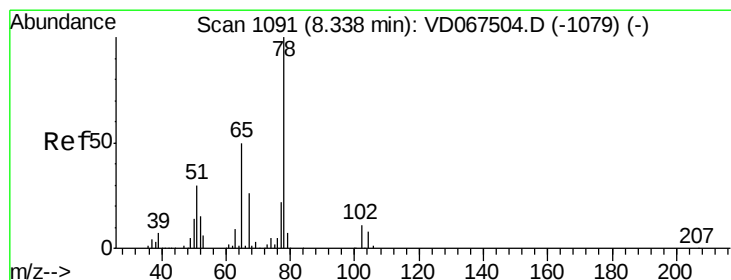
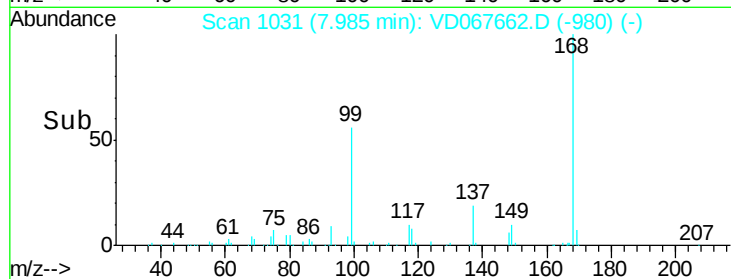
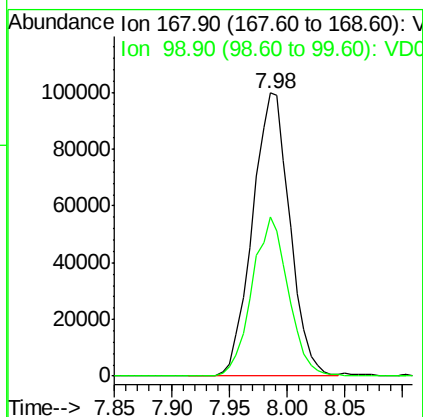
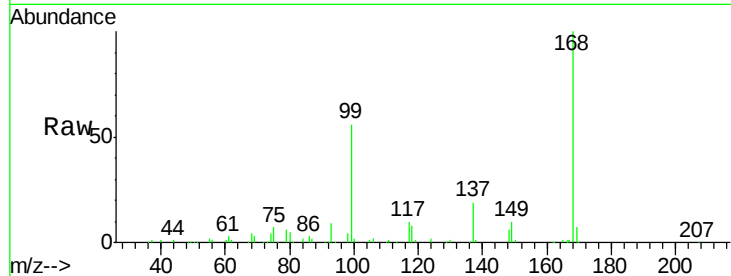




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067662.D
Acq: 17 Nov 2020 15:04

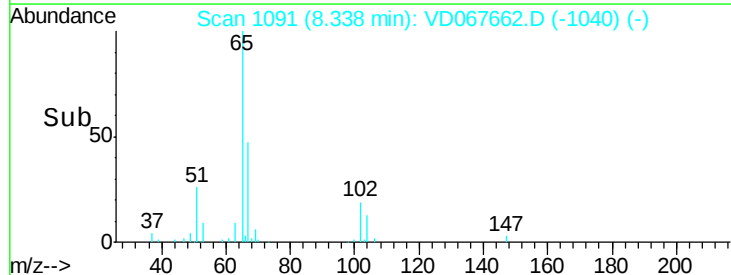
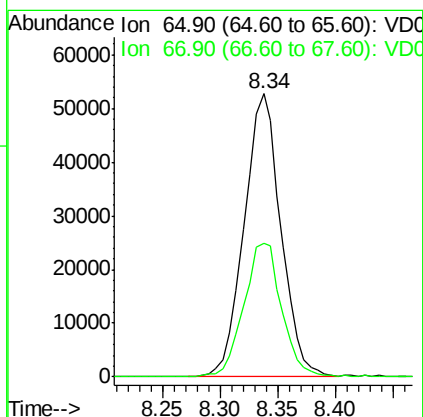
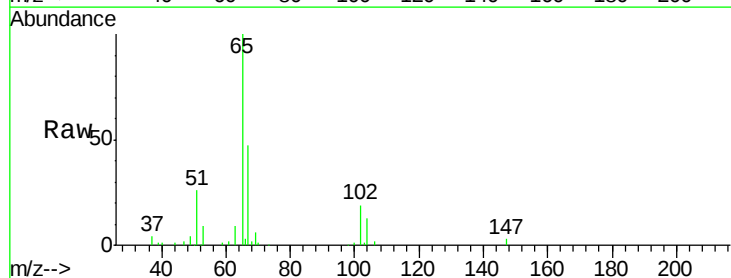
Instrument :
MSVOA_D
ClientSampleId :
CD-BH-01-4-5

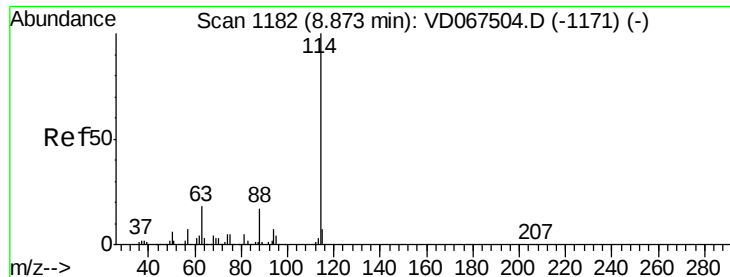
Tot Ion:168 Resp: 226261
Ion Ratio Lower Upper
168 100
99 56.1 45.0 67.6



#33
1,2-Dichloroethane-d4
Concen: 59.082 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD067662.D
Acq: 17 Nov 2020 15:04

Tgt Ion: 65 Resp: 116888
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.4

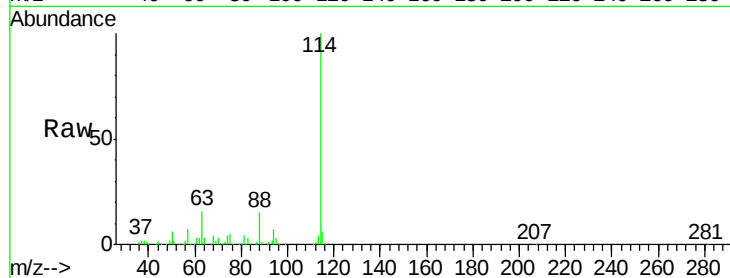




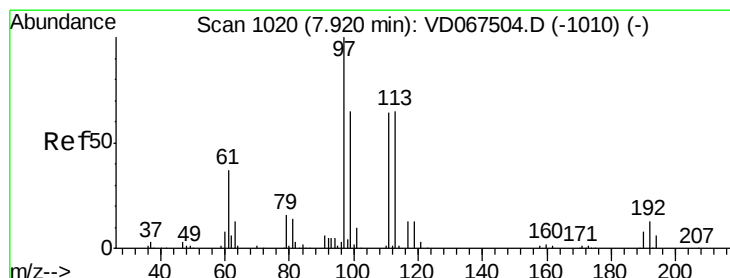
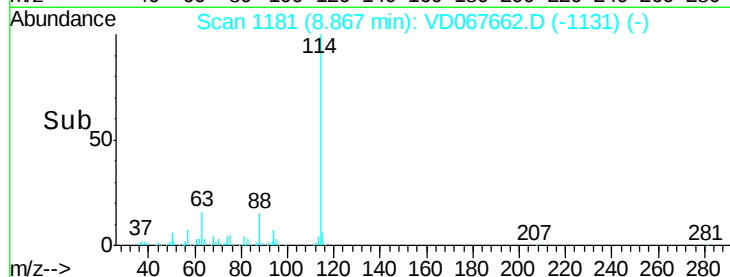
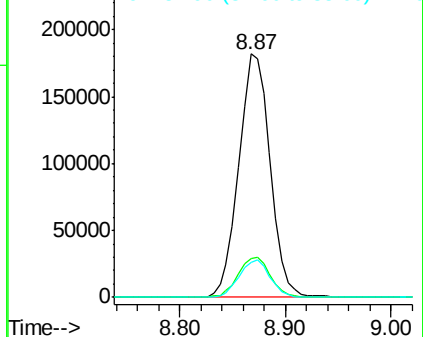
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067662.D
 Acq: 17 Nov 2020 15:04

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-01-4-5

Tot Ion:114 Resp: 375232
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 35.0
 88 14.6 0.0 33.0

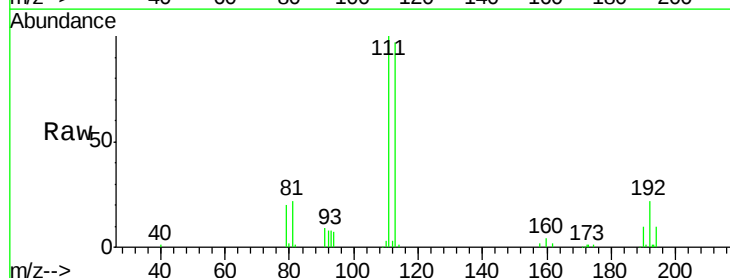


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

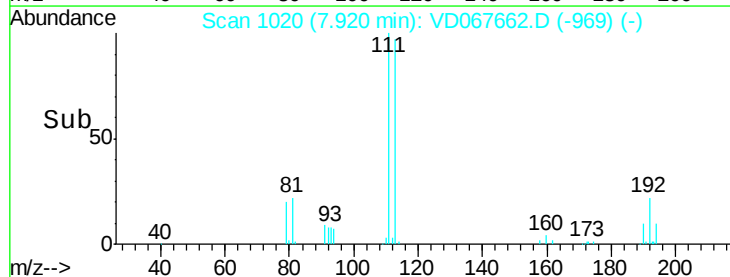
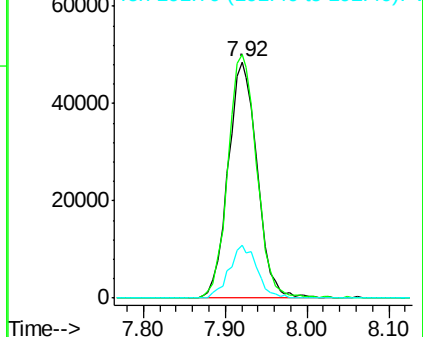


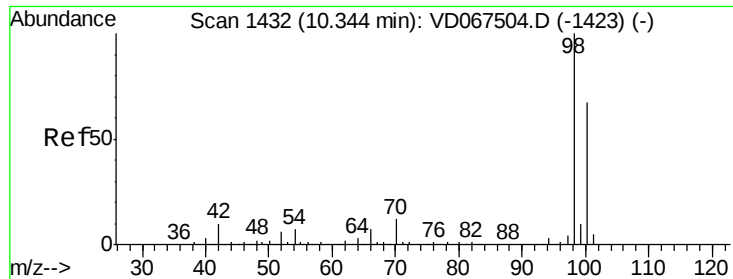
#35
 Dibromofluoromethane
 Concen: 52.871 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067662.D
 Acq: 17 Nov 2020 15:04

Tgt Ion:113 Resp: 119529
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.0 120.0
 192 21.5 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: 57.319 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067662.D

Acq: 17 Nov 2020 15:04

Instrument :

MSVOA_D

ClientSampleId :

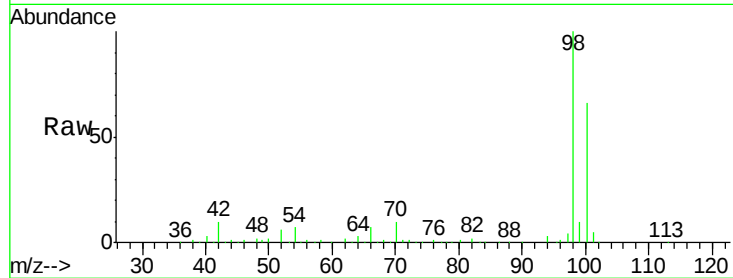
CD-BH-01-4-5

Tot Ion: 98 Resp: 455394

Ion Ratio Lower Upper

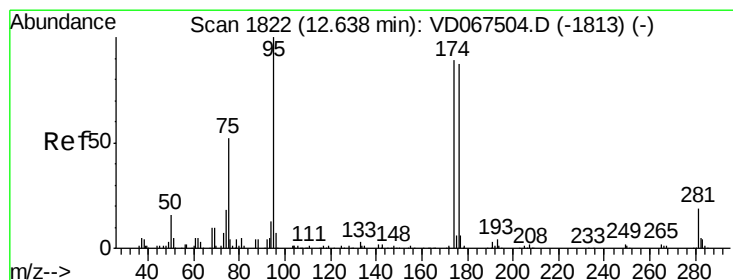
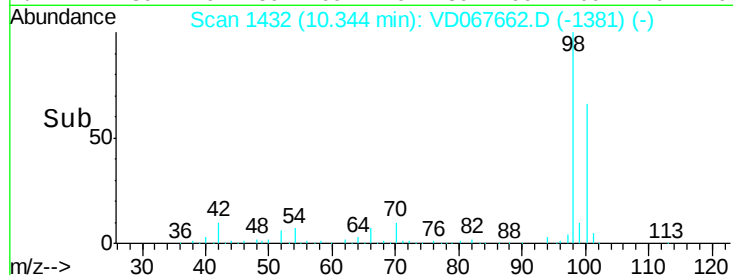
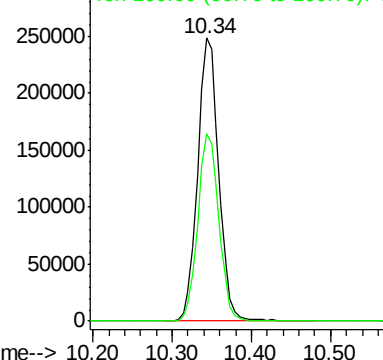
98 100

100 66.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 63.799 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067662.D

Acq: 17 Nov 2020 15:04

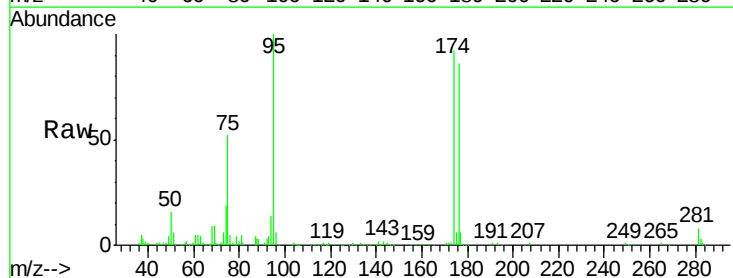
Tgt Ion: 95 Resp: 174997

Ion Ratio Lower Upper

95 100

174 92.1 0.0 177.8

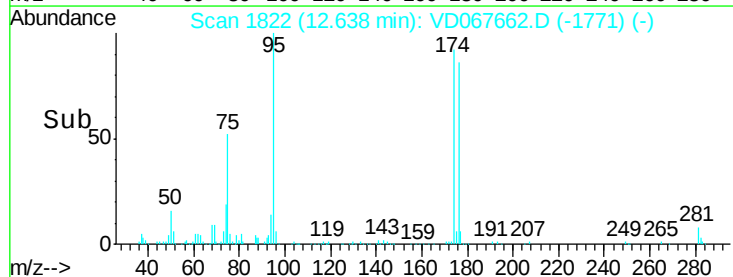
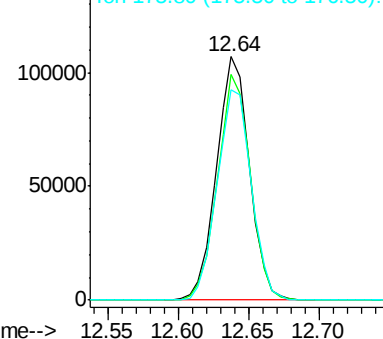
176 89.5 0.0 172.0

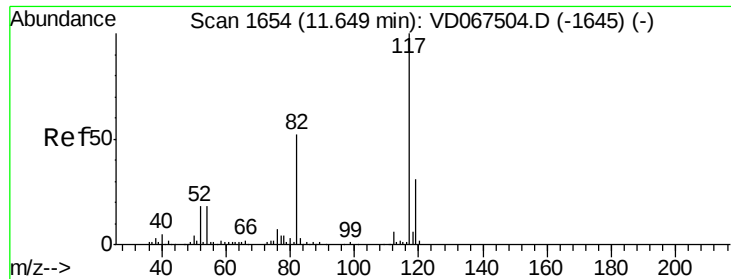


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

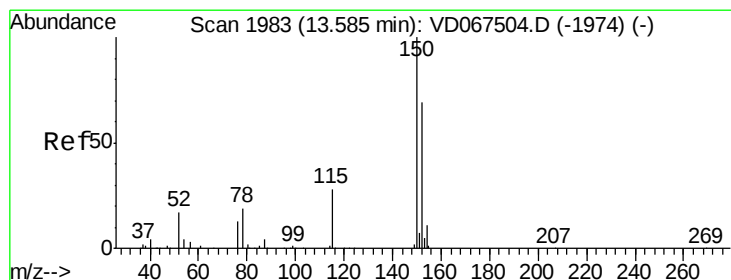
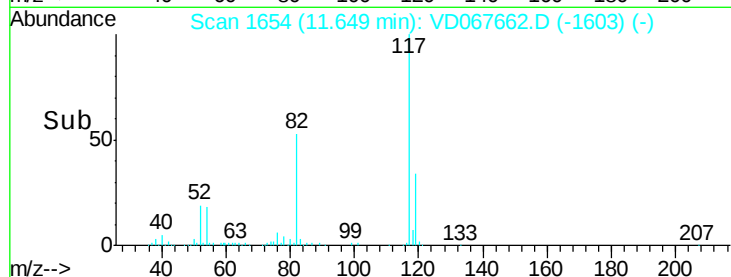
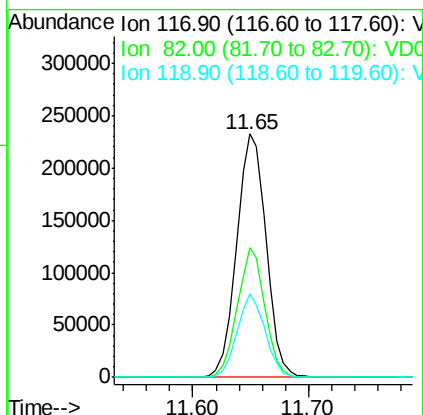
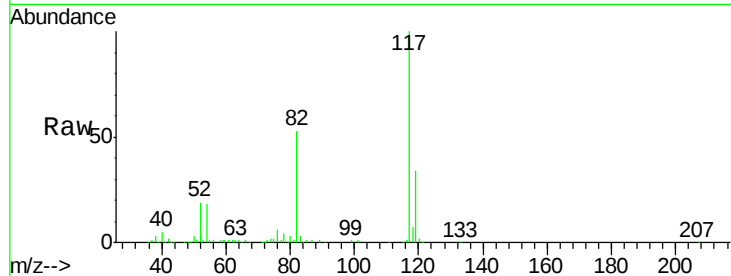




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067662.D
Acq: 17 Nov 2020 15:04

Instrument :
MSVOA_D
ClientSampleId :
CD-BH-01-4-5

Tot Ion:117 Resp: 410002
Ion Ratio Lower Upper
117 100
82 53.5 41.6 62.4
119 34.1 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: VD067662.D
Acq: 17 Nov 2020 15:04

Tgt Ion:152 Resp: 212619
Ion Ratio Lower Upper
152 100
115 57.3 29.3 88.0
150 156.0 0.0 338.2

