

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067663.D
 Acq On : 17 Nov 2020 15:31
 Operator : VA/SY
 Sample : L4771-08
 Misc : 5.53G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-02-0-1

Quant Time: Nov 18 00:35:13 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	28806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	45459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	53836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	27061	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	20446	81.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	162.34%	
35) Dibromofluoromethane	7.91	113	17077	62.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.70%	
50) Toluene-d8	10.34	98	55611	57.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.56%	
62) 4-Bromofluorobenzene	12.64	95	21311	64.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.26%	

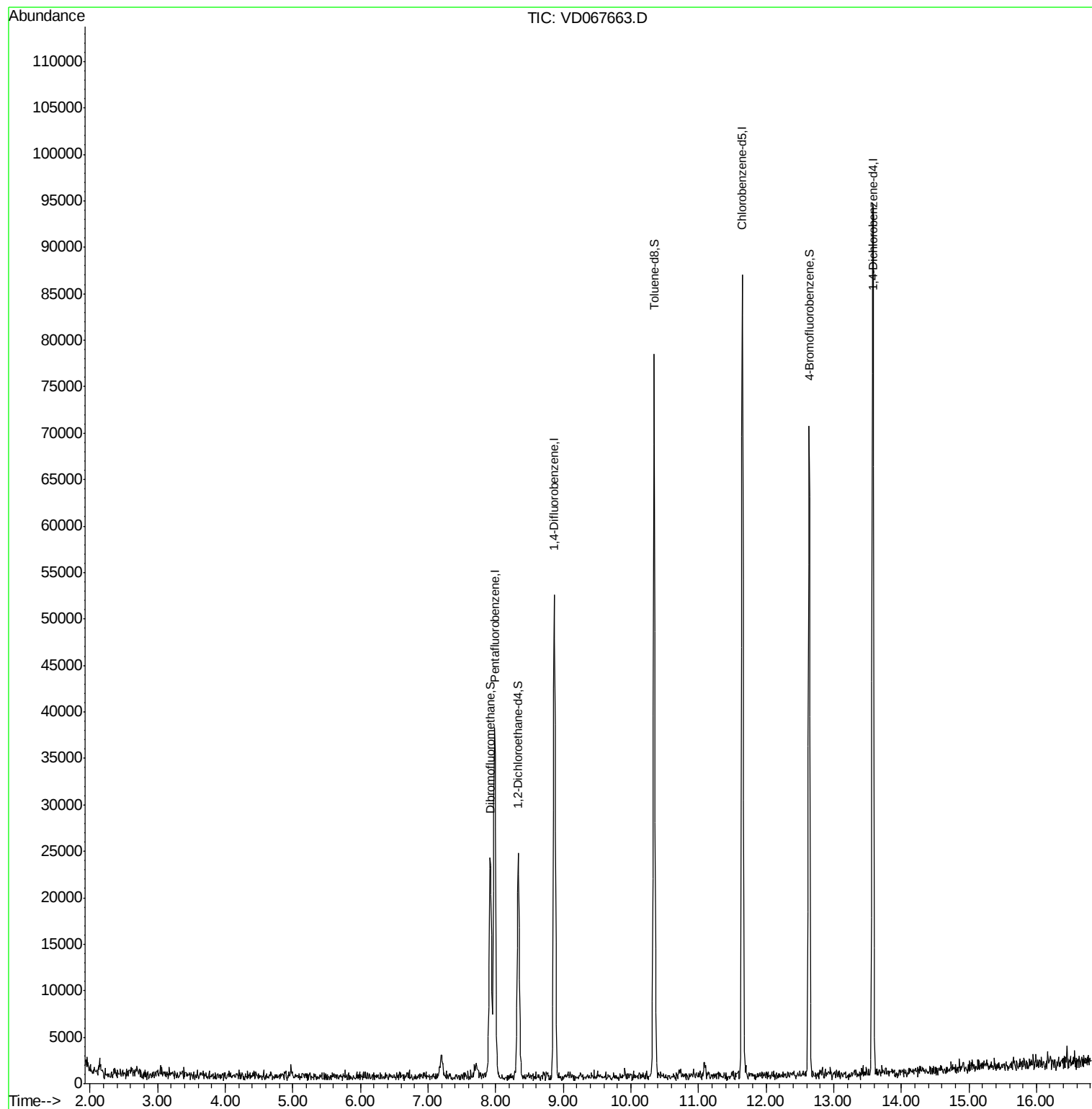
Target Compounds	Qvalue

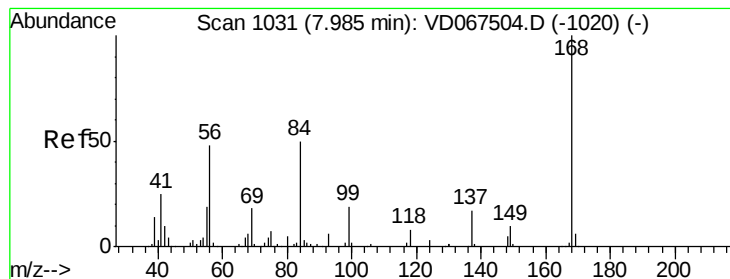
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111720\
Data File : VD067663.D
Acq On : 17 Nov 2020 15:31
Operator : VA/SY
Sample : L4771-08
Misc : 5.53G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CD-BH-02-0-1

Quant Time: Nov 18 00:35:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067663.D

Acq: 17 Nov 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

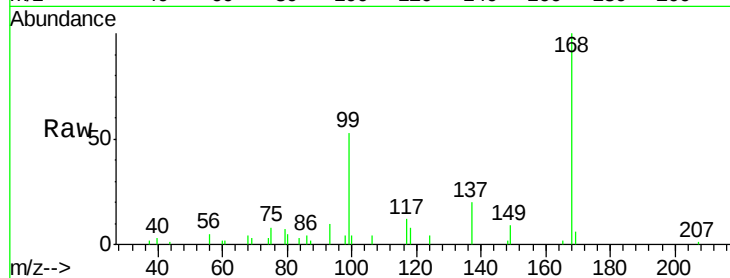
CD-BH-02-0-1

Tot Ion:168 Resp: 28806

Ion Ratio Lower Upper

168 100

99 52.9 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

15000

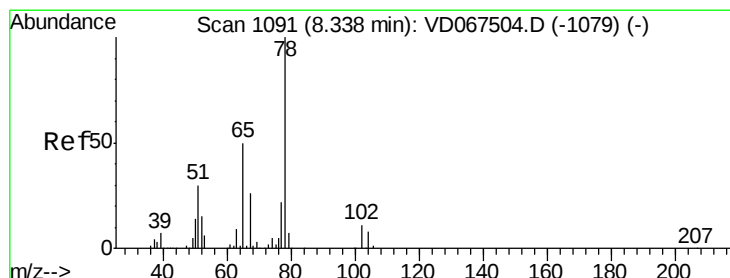
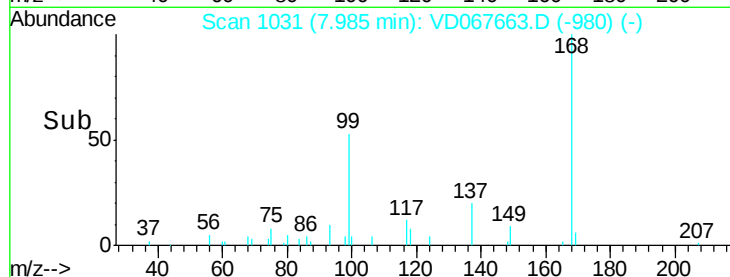
10000

5000

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 81.175 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067663.D

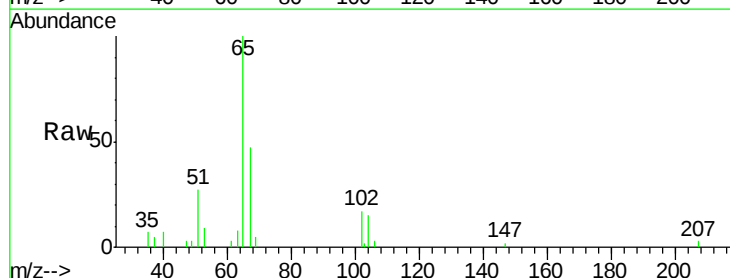
Acq: 17 Nov 2020 15:31

Tgt Ion: 65 Resp: 20446

Ion Ratio Lower Upper

65 100

67 52.8 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

10000

8000

6000

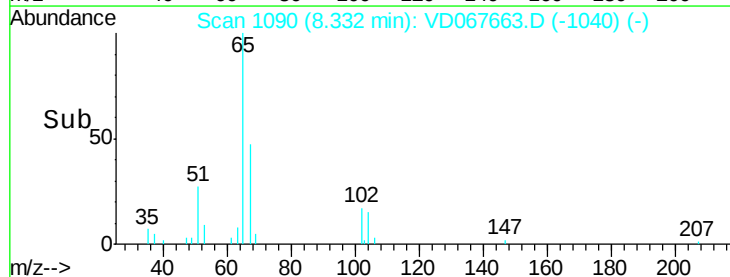
4000

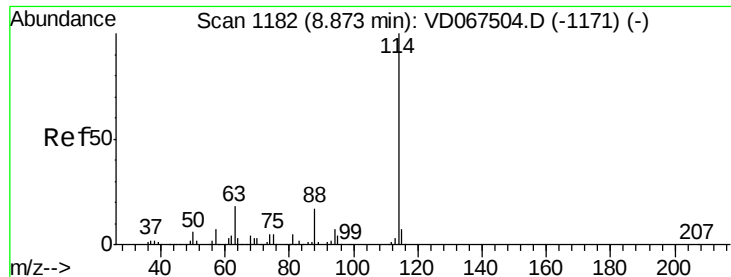
2000

0

8.25 8.30 8.35 8.40

Time-->

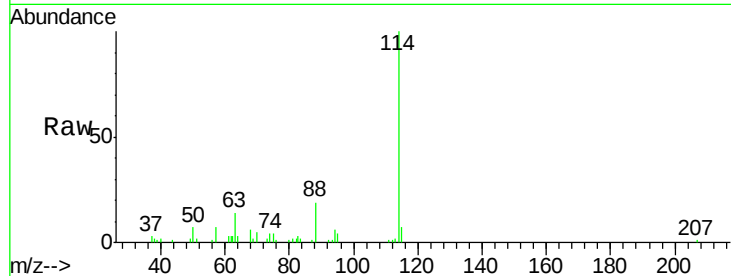




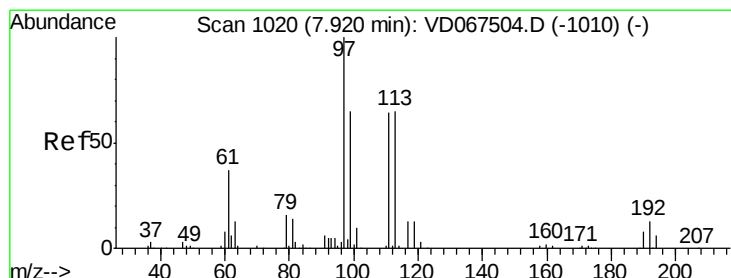
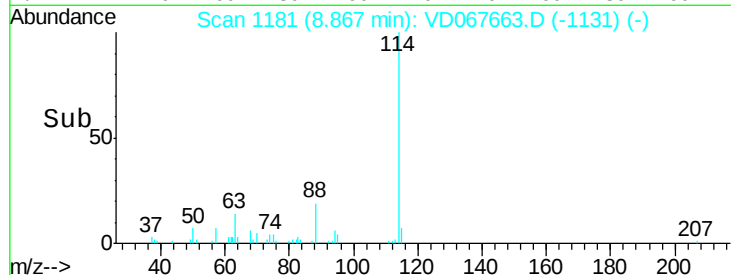
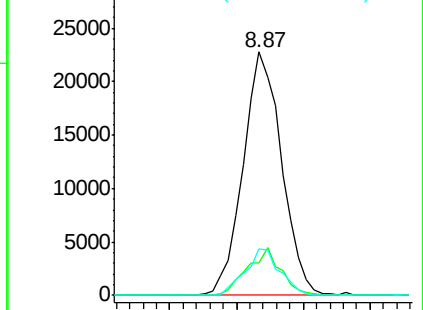
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067663.D
Acq: 17 Nov 2020 15:31

Instrument :
MSVOA_D
ClientSampleId :
CD-BH-02-0-1

Tot Ion:114 Resp: 45459
Ion Ratio Lower Upper
114 100
63 13.5 0.0 35.0
88 19.2 0.0 33.0

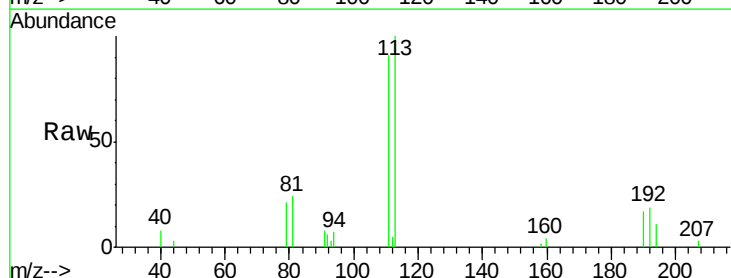


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

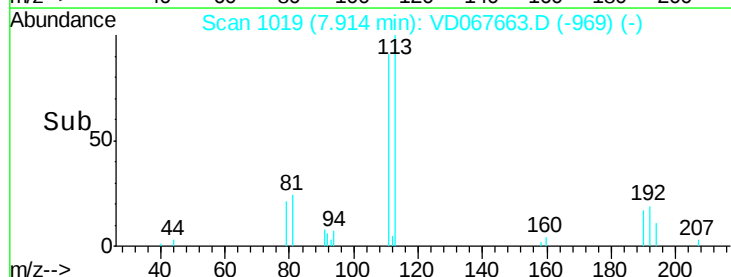
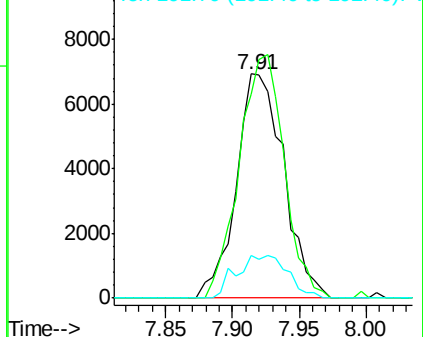


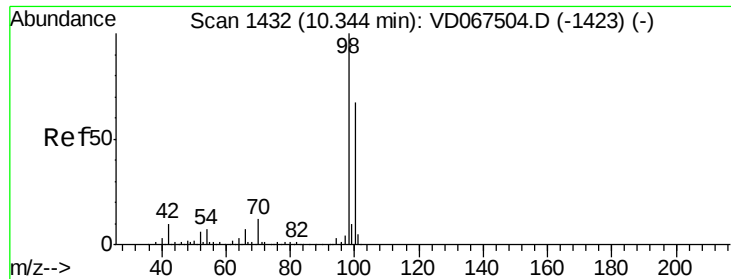
#35
Dibromofluoromethane
Concen: 62.350 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD067663.D
Acq: 17 Nov 2020 15:31

Tgt Ion:113 Resp: 17077
Ion Ratio Lower Upper
113 100
111 102.9 80.0 120.0
192 20.6 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: 57.777 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067663.D

Acq: 17 Nov 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

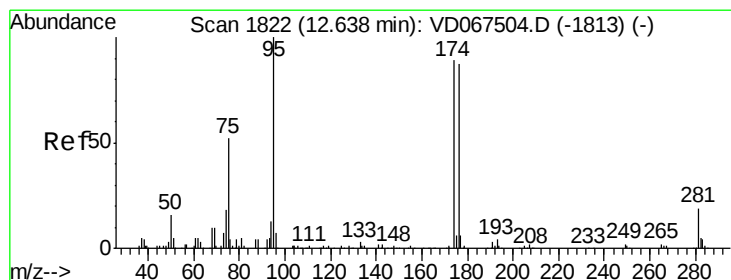
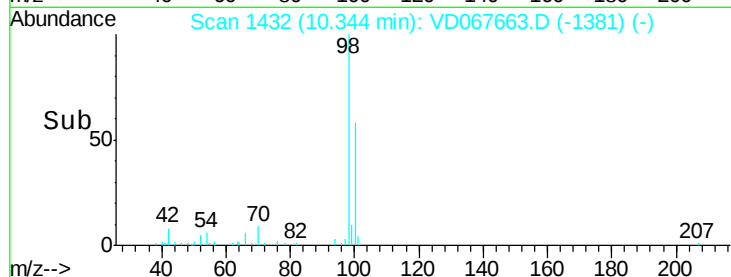
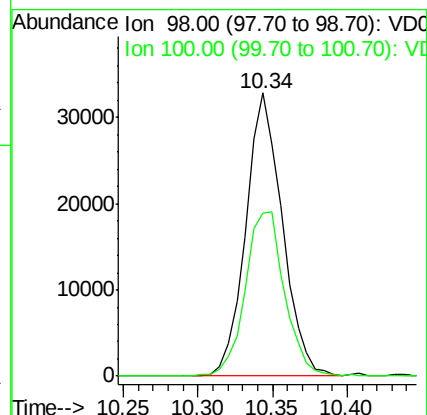
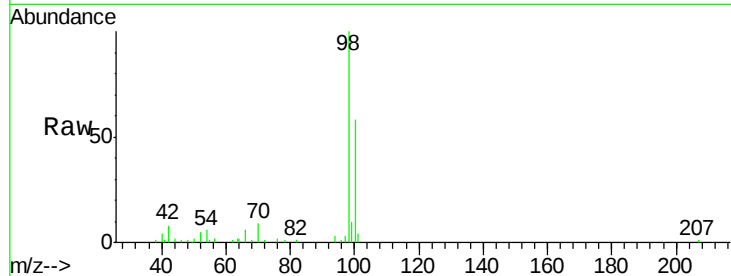
CD-BH-02-0-1

Tot Ion: 98 Resp: 55611

Ion Ratio Lower Upper

98 100

100 62.3 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 64.131 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067663.D

Acq: 17 Nov 2020 15:31

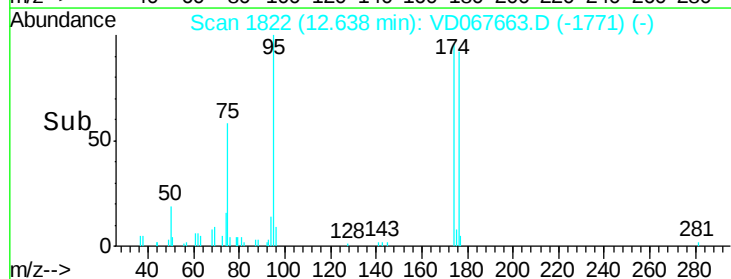
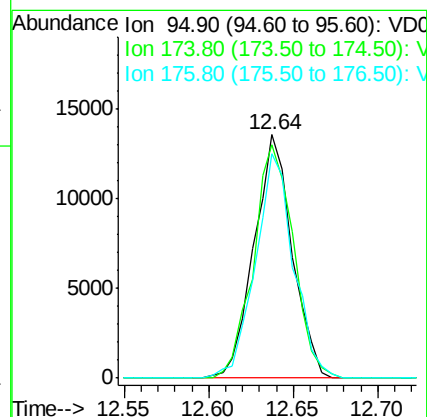
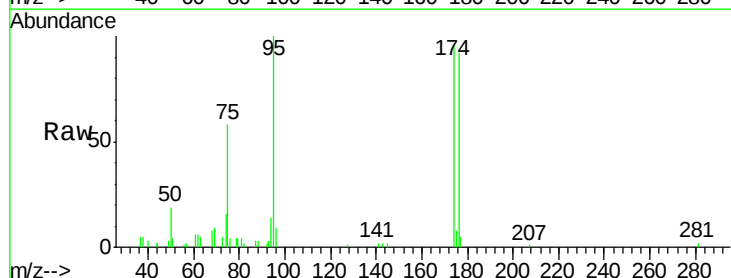
Tgt Ion: 95 Resp: 21311

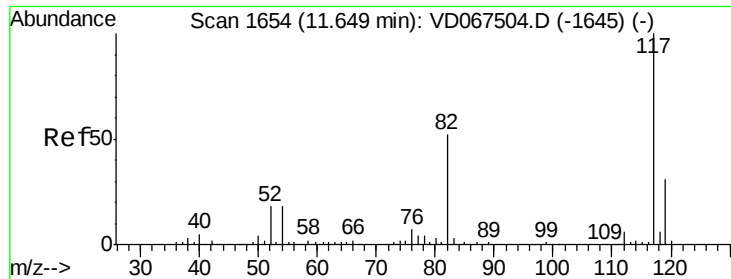
Ion Ratio Lower Upper

95 100

174 100.4 0.0 177.8

176 92.5 0.0 172.0

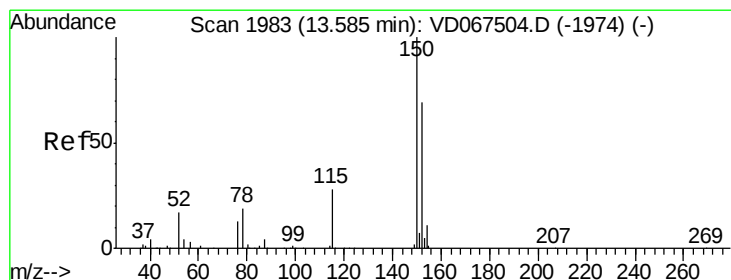
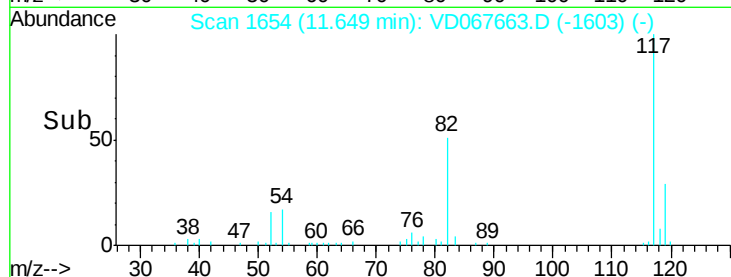
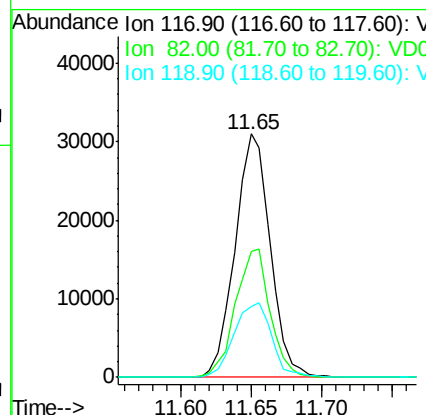
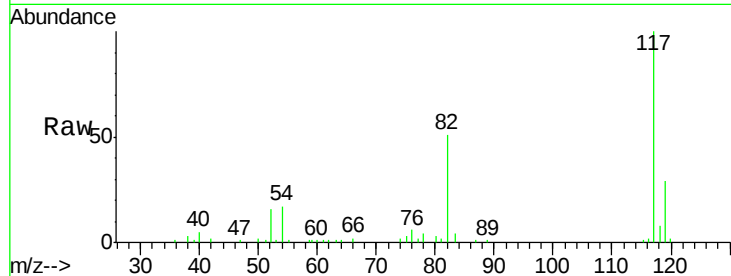




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067663.D
Acq: 17 Nov 2020 15:31

Instrument :
MSVOA_D
ClientSampleId :
CD-BH-02-0-1

Tot Ion:117 Resp: 53836
Ion Ratio Lower Upper
117 100
82 51.4 41.6 62.4
119 29.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD067663.D
Acq: 17 Nov 2020 15:31

Tgt Ion:152 Resp: 27061
Ion Ratio Lower Upper
152 100
115 64.7 29.3 88.0
150 168.0 0.0 338.2

