

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067683.D
 Acq On : 18 Nov 2020 14:03
 Operator : VA/SY
 Sample : L4770-20
 Misc : 4.43G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-04-0-1

Quant Time: Nov 19 00:50:39 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	264505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	414994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	413475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	173443	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	120543	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	7.92	113	126681	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.34	98	480820	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
62) 4-Bromofluorobenzene	12.64	95	166809	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	

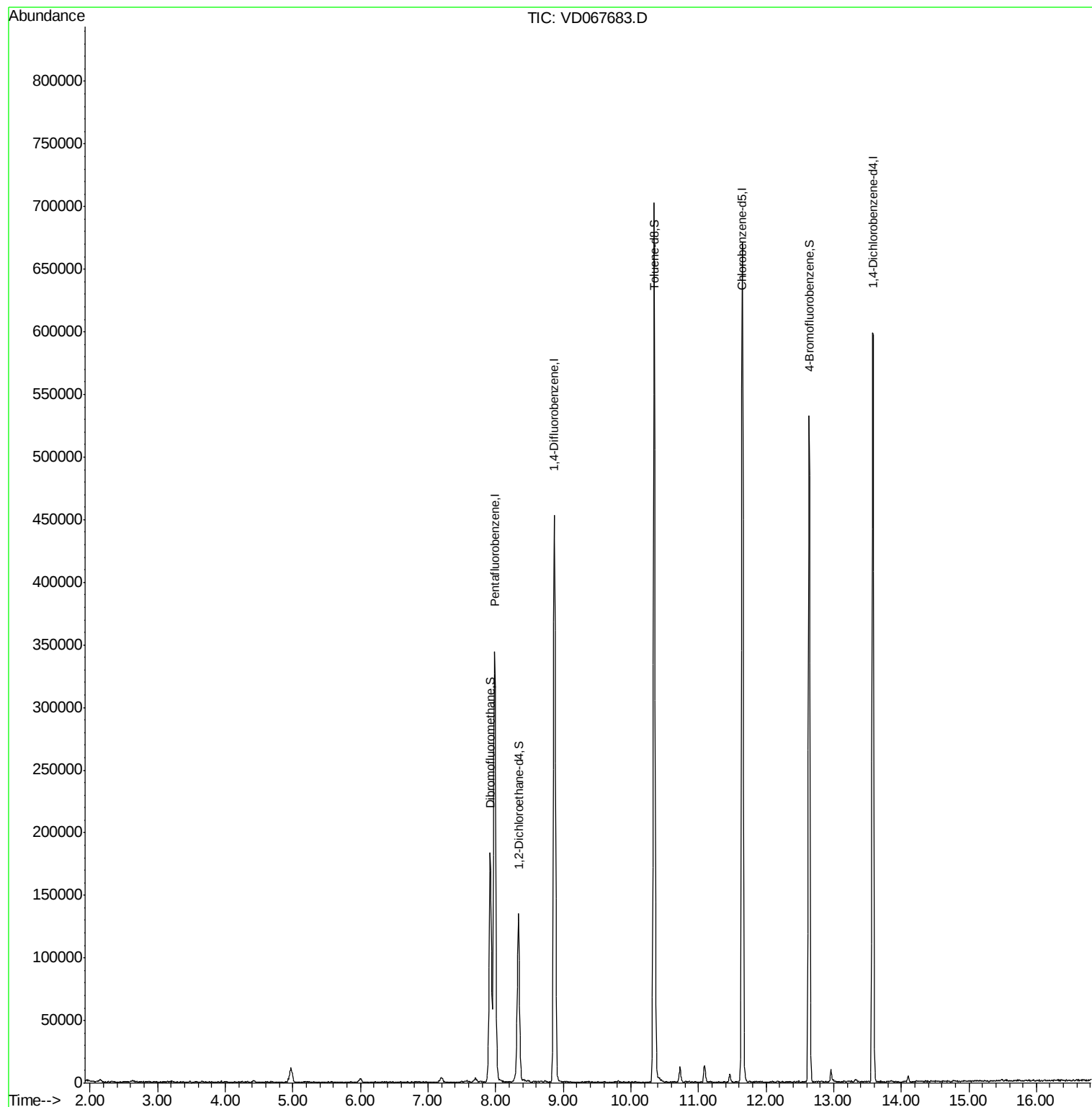
Target Compounds	Qvalue
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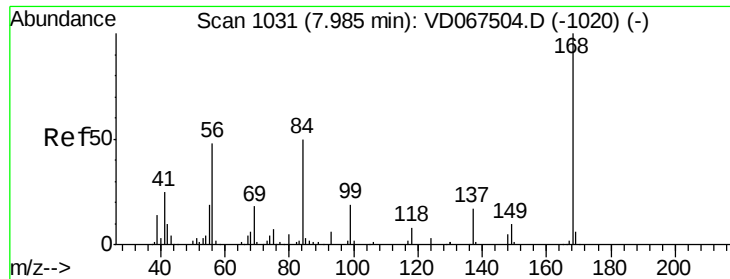
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111820\
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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: VD067683.D

Acq: 18 Nov 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

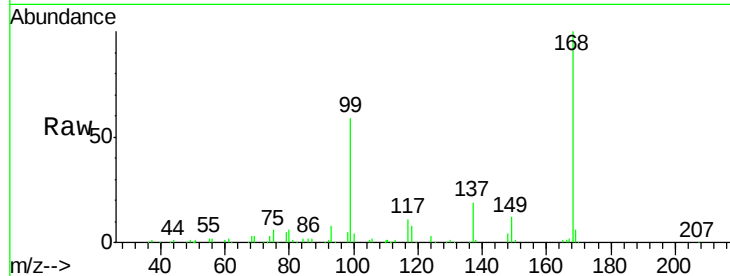
FJ-BH-04-0-1

Tot Ion:168 Resp: 264505

Ion Ratio Lower Upper

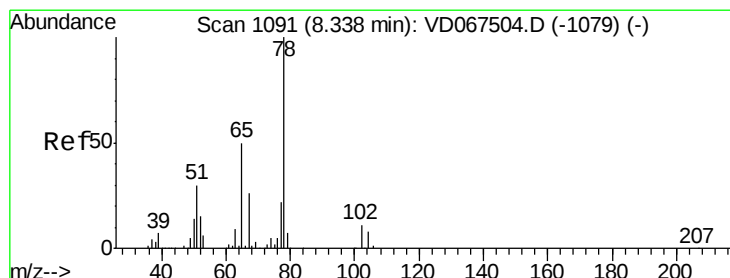
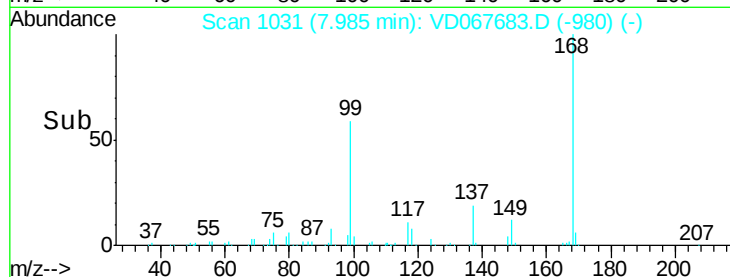
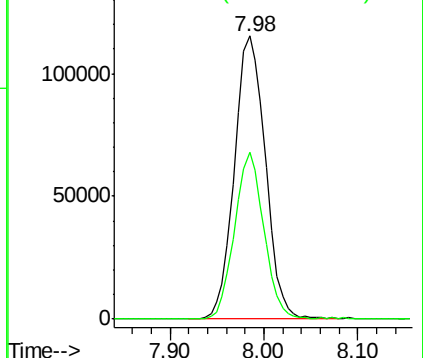
168 100

99 58.8 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: 52.120 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067683.D

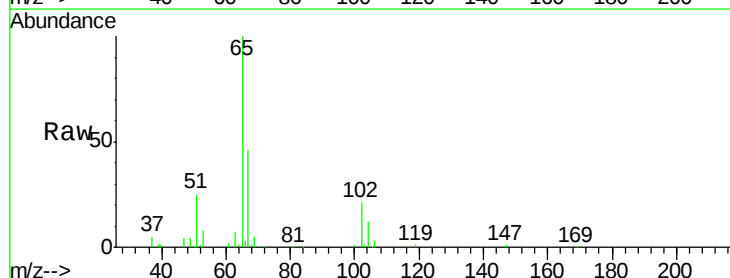
Acq: 18 Nov 2020 14:03

Tgt Ion: 65 Resp: 120543

Ion Ratio Lower Upper

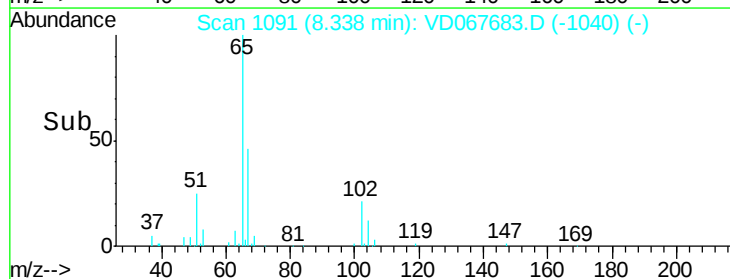
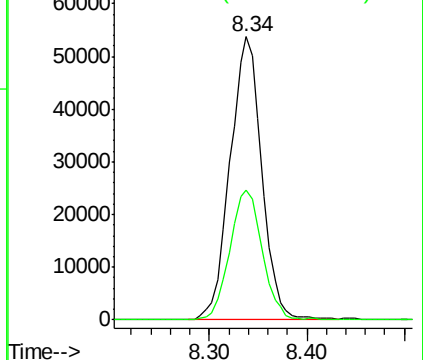
65 100

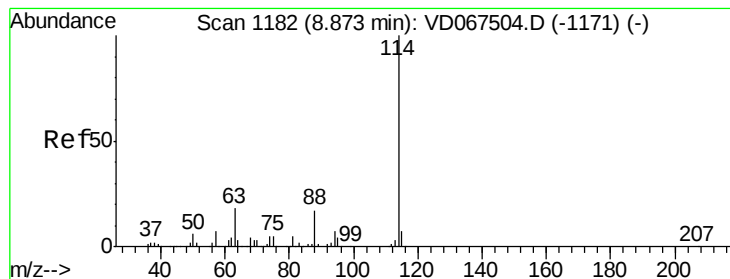
67 46.7 0.0 99.4



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: VD067683.D

Acq: 18 Nov 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-04-0-1

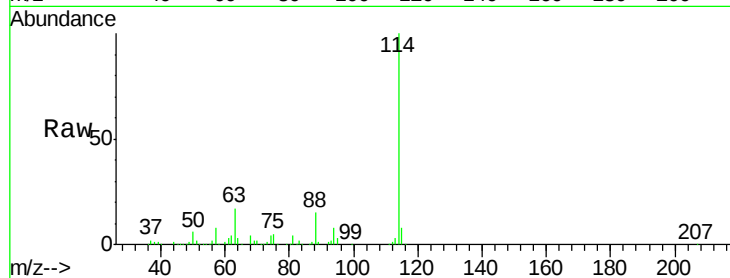
Tot Ion:114 Resp: 414994

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

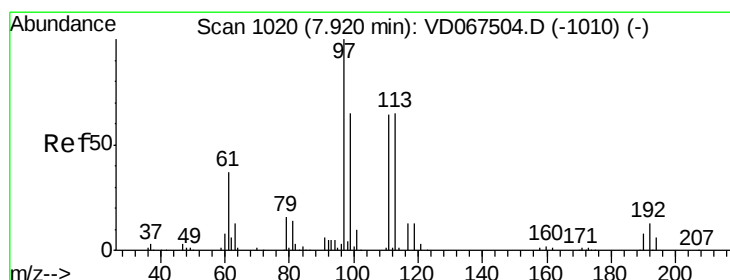
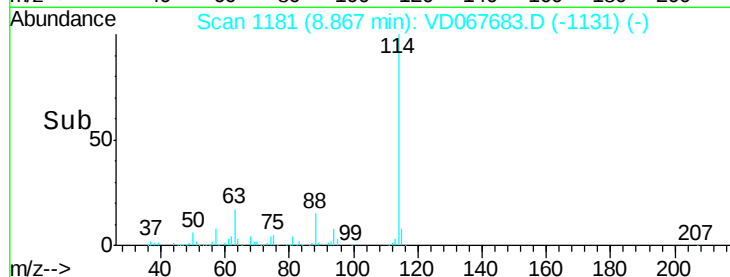
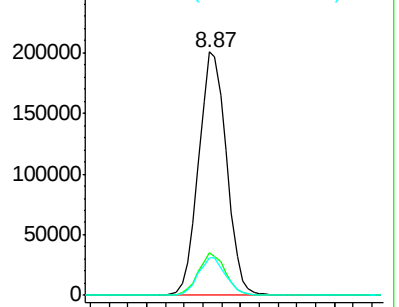
88 15.3 0.0 33.0



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: 50.666 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067683.D

Acq: 18 Nov 2020 14:03

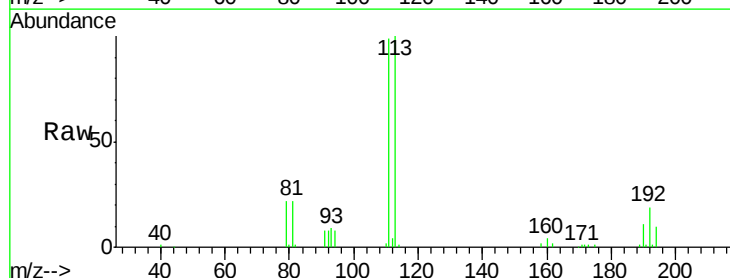
Tgt Ion:113 Resp: 126681

Ion Ratio Lower Upper

113 100

111 104.4 80.0 120.0

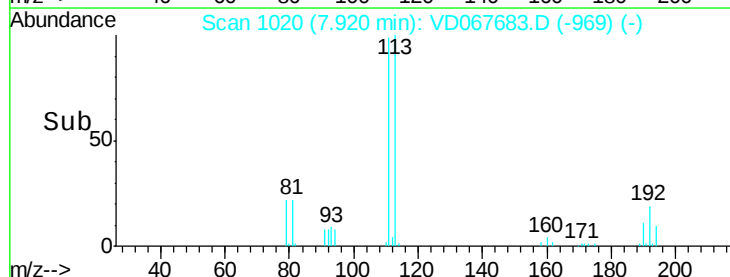
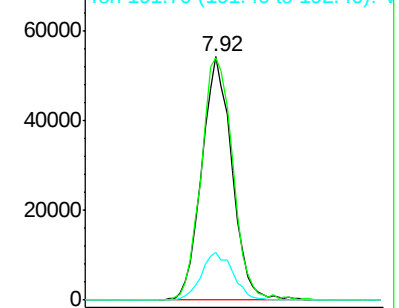
192 20.5 16.3 24.5

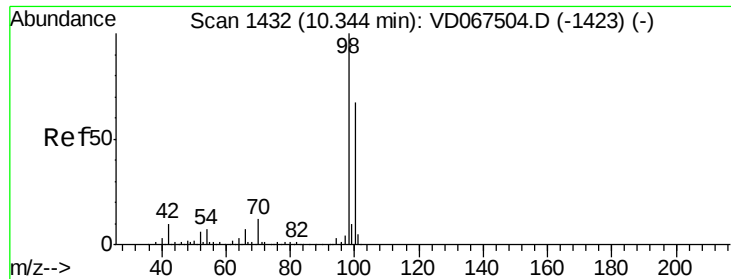


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.721 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067683.D

Acq: 18 Nov 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

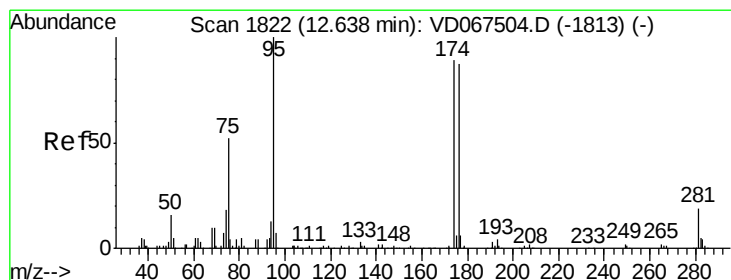
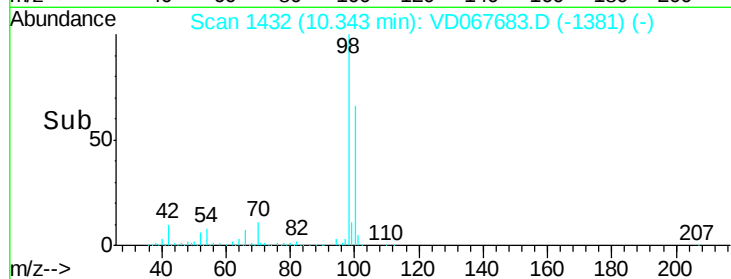
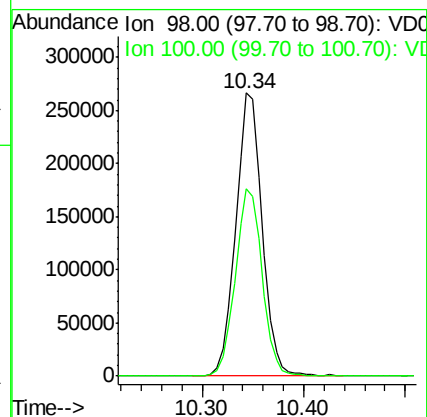
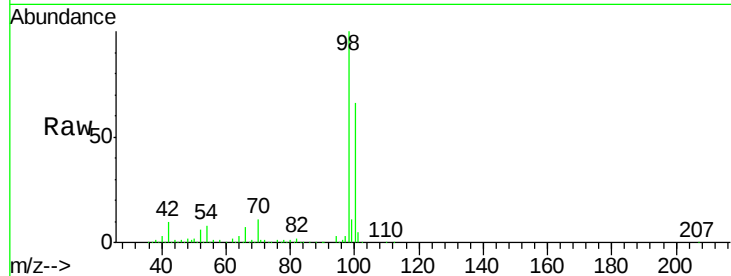
FJ-BH-04-0-1

Tot Ion: 98 Resp: 480820

Ion Ratio Lower Upper

98 100

100 67.5 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 54.987 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067683.D

Acq: 18 Nov 2020 14:03

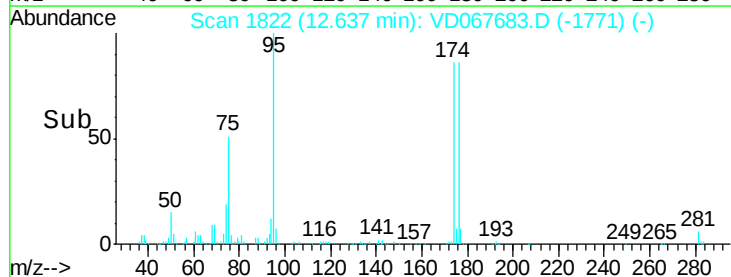
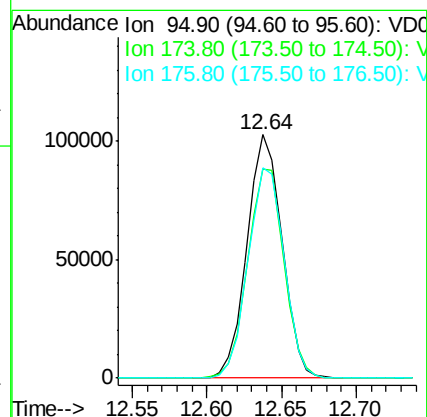
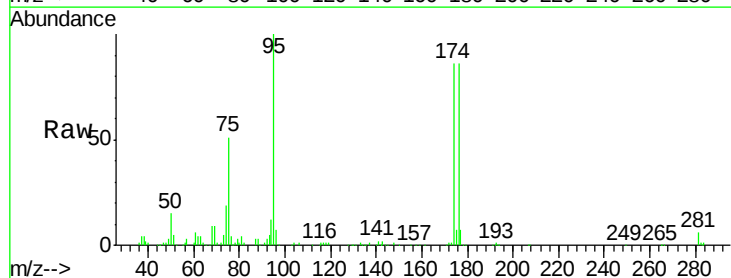
Tgt Ion: 95 Resp: 166809

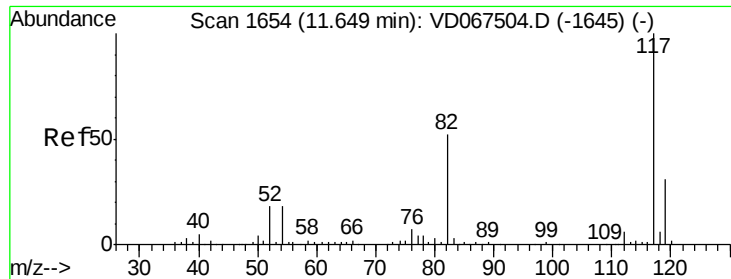
Ion Ratio Lower Upper

95 100

174 89.1 0.0 177.8

176 88.8 0.0 172.0

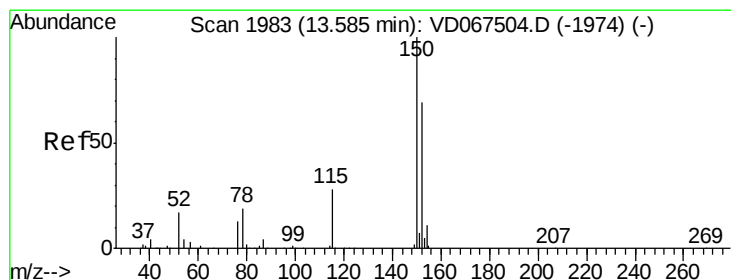
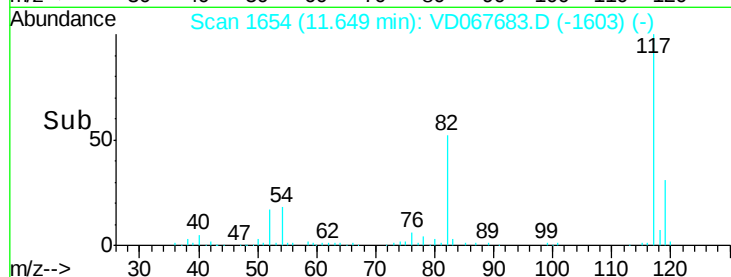
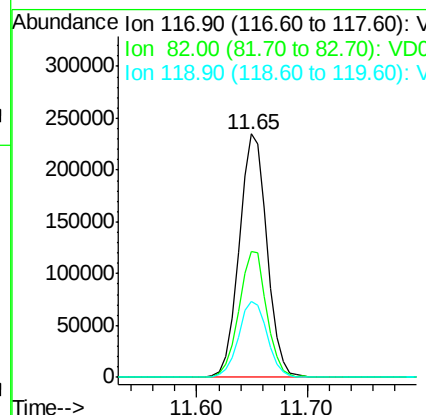
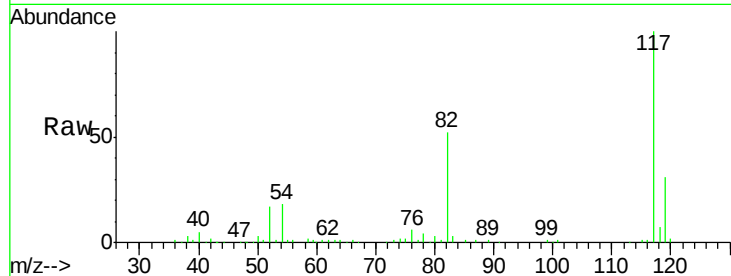




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067683.D
Acq: 18 Nov 2020 14:03

Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-04-0-1

Tot Ion:117 Resp: 413475
Ion Ratio Lower Upper
117 100
82 51.5 41.6 62.4
119 30.9 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: VD067683.D
Acq: 18 Nov 2020 14:03

Tgt Ion:152 Resp: 173443
Ion Ratio Lower Upper
152 100
115 58.1 29.3 88.0
150 153.9 0.0 338.2

