

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067670.D
 Acq On : 17 Nov 2020 18:42
 Operator : VA/SY
 Sample : L4770-08
 Misc : 3.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 18 01:08:13 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	7.99	168	240960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	381052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	403953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206022	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	113388	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
35) Dibromofluoromethane	7.92	113	120575	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	10.34	98	456909	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
62) 4-Bromofluorobenzene	12.64	95	173345	62.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.46%	

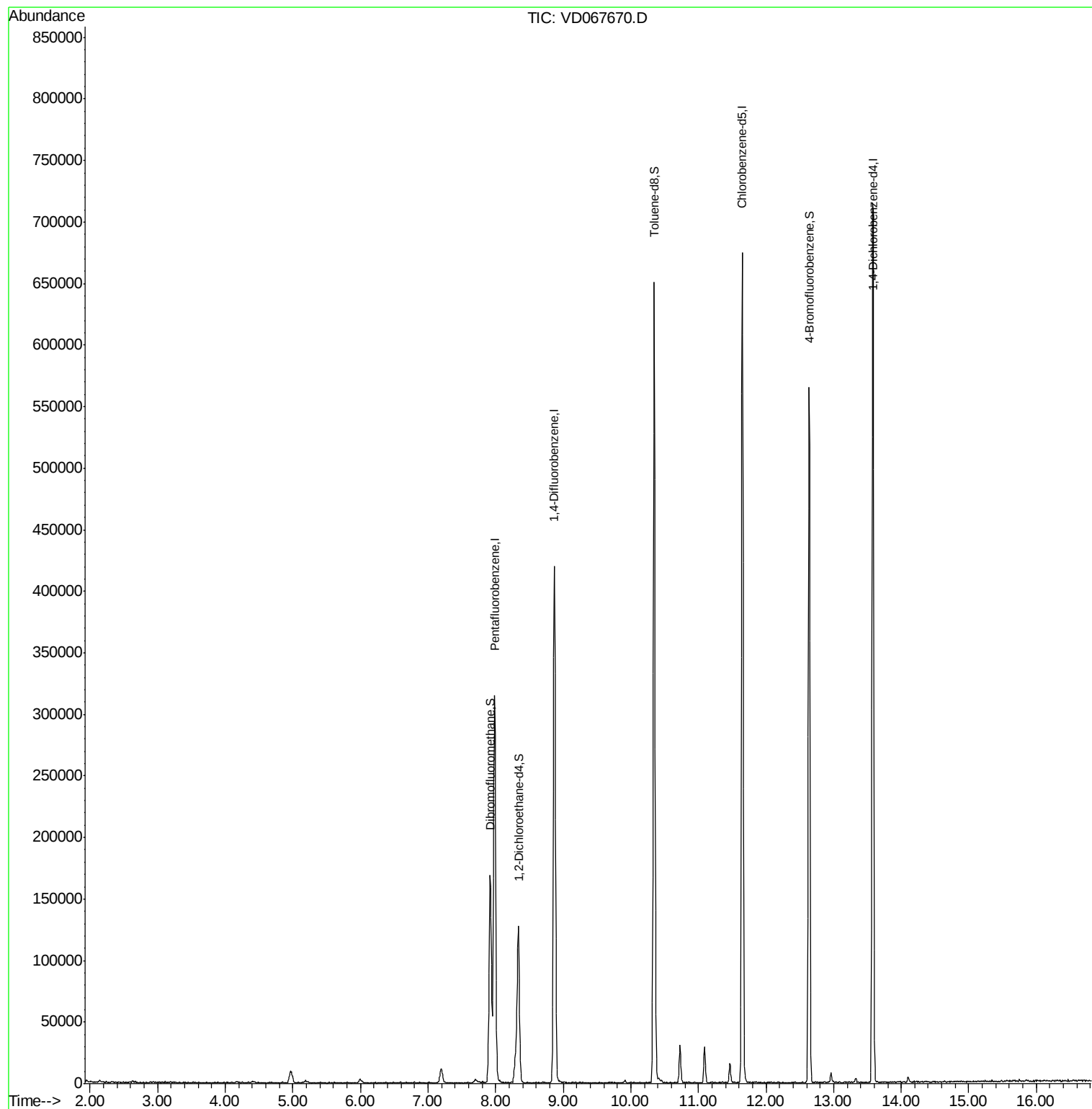
Target Compounds	Qvalue
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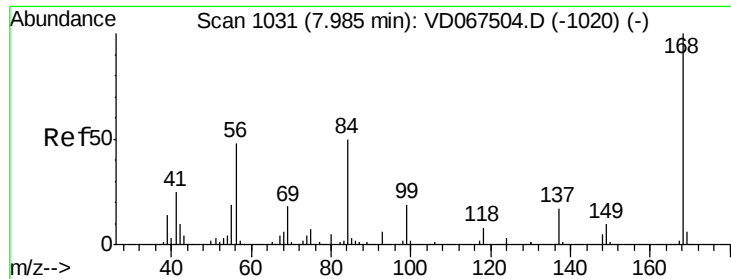
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067670.D

Acq: 17 Nov 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

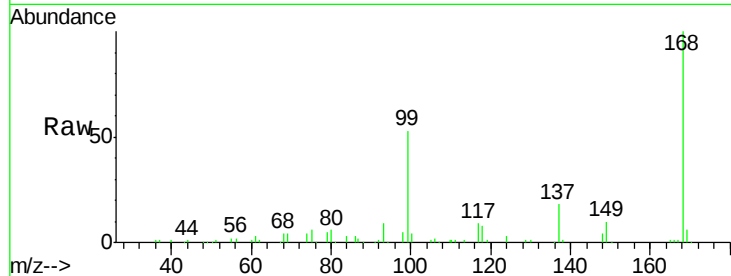
FJ-BH-02-0-1

Tot Ion:168 Resp: 240960

Ion Ratio Lower Upper

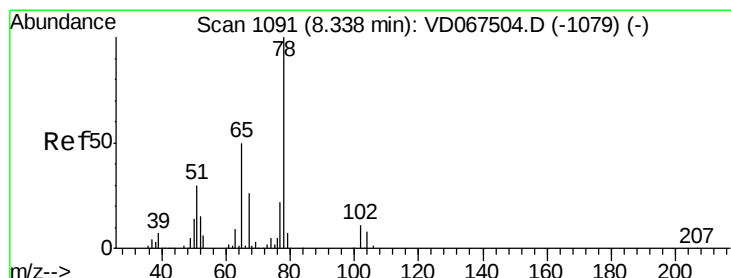
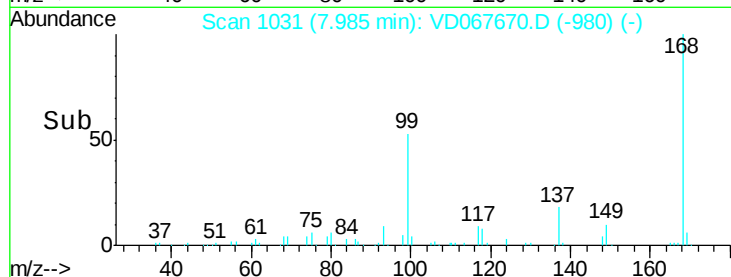
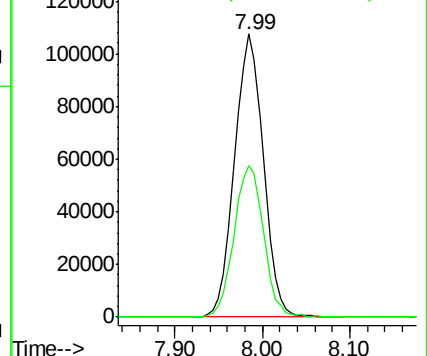
168 100

99 53.4 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: 53.817 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067670.D

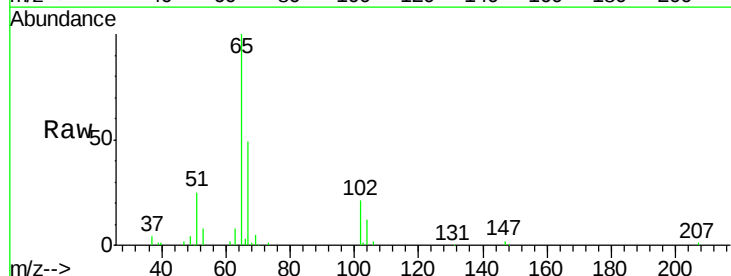
Acq: 17 Nov 2020 18:42

Tgt Ion: 65 Resp: 113388

Ion Ratio Lower Upper

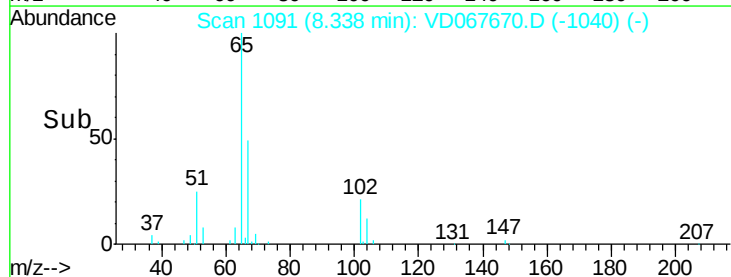
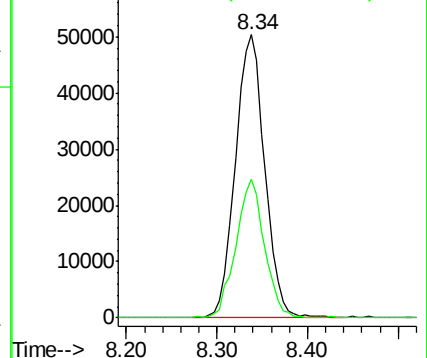
65 100

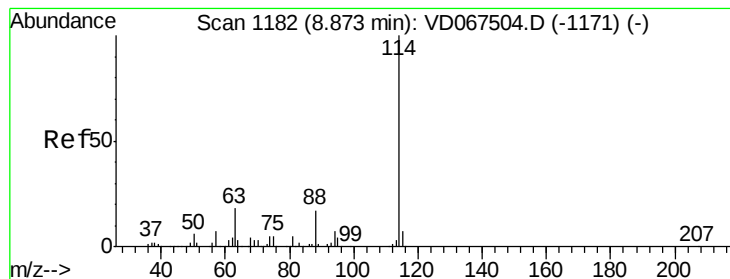
67 47.9 0.0 99.4



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: VD067670.D

Acq: 17 Nov 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-02-0-1

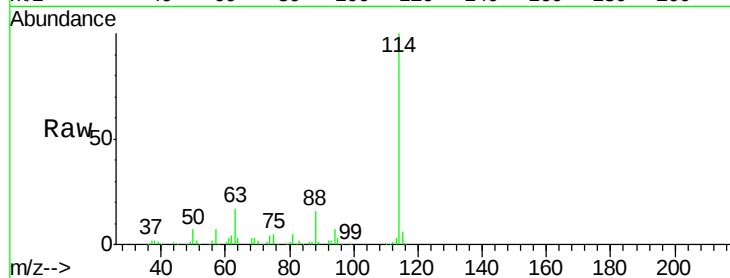
Tot Ion:114 Resp: 381052

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

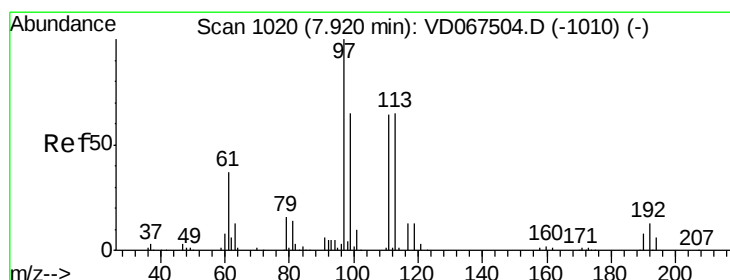
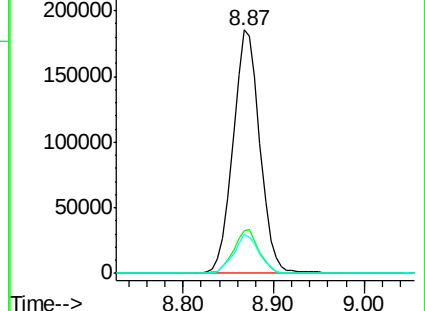
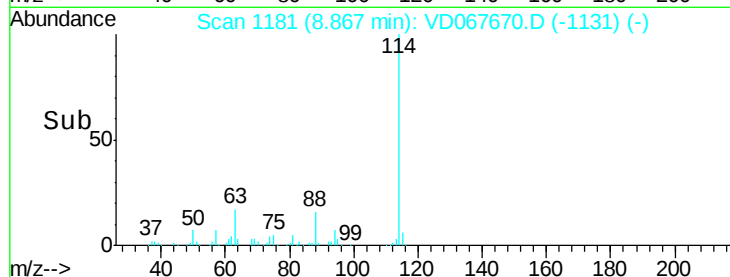
88 15.9 0.0 33.0



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: 52.519 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067670.D

Acq: 17 Nov 2020 18:42

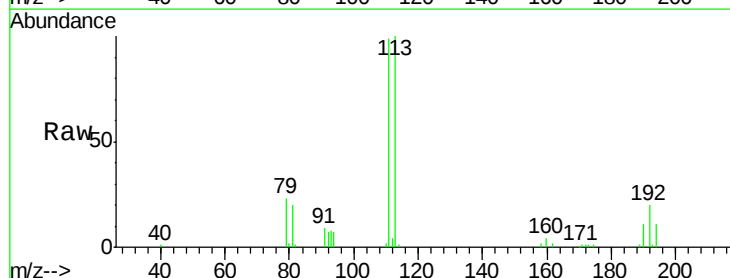
Tgt Ion:113 Resp: 120575

Ion Ratio Lower Upper

113 100

111 101.3 80.0 120.0

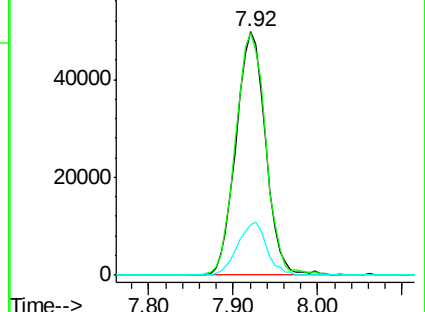
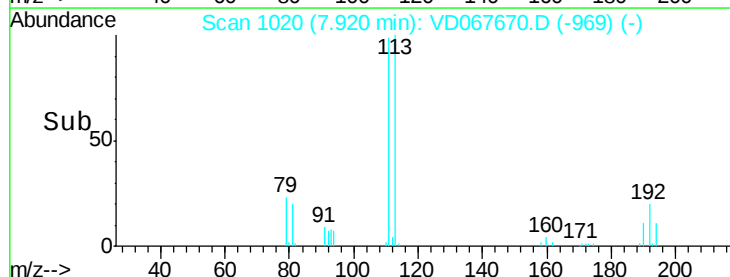
192 21.1 16.3 24.5

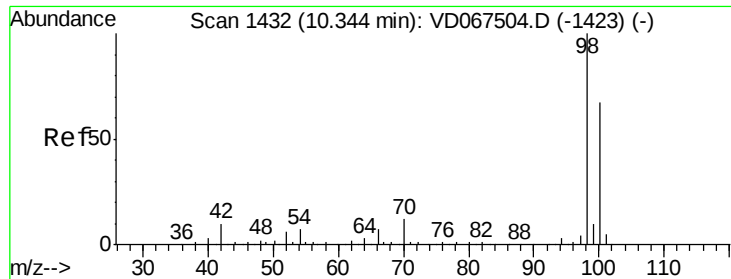


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.632 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067670.D

Acq: 17 Nov 2020 18:42

Instrument :

MSVOA_D

ClientSampled :

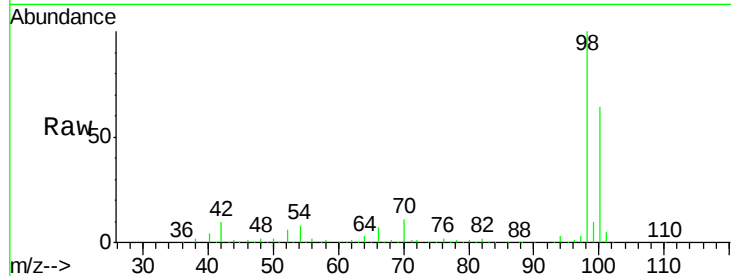
FJ-BH-02-0-1

Tot Ion: 98 Resp: 456909

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

250000

200000

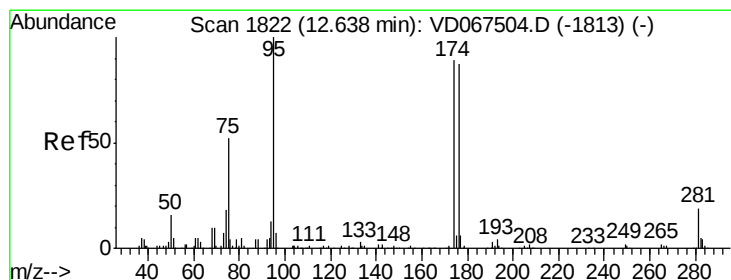
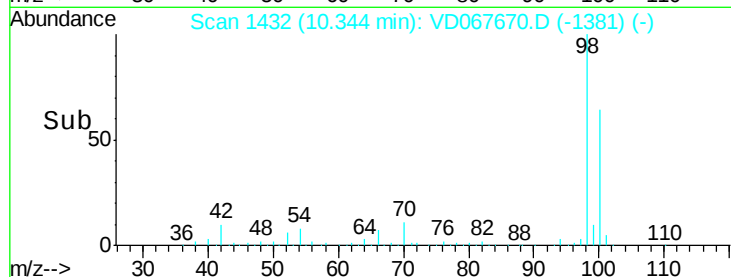
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 62.232 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067670.D

Acq: 17 Nov 2020 18:42

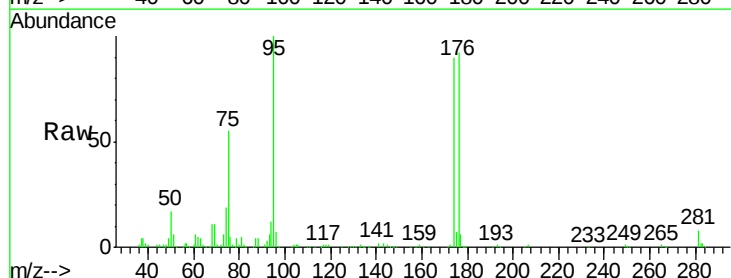
Tgt Ion: 95 Resp: 173345

Ion Ratio Lower Upper

95 100

174 93.2 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

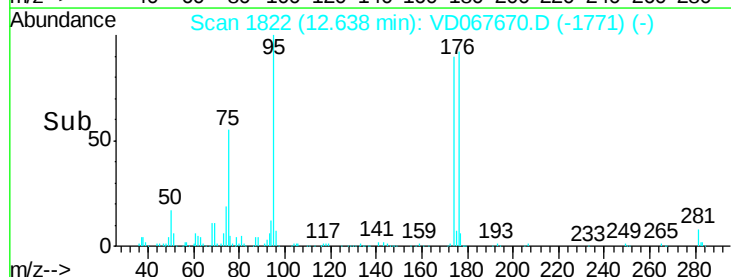
12.64

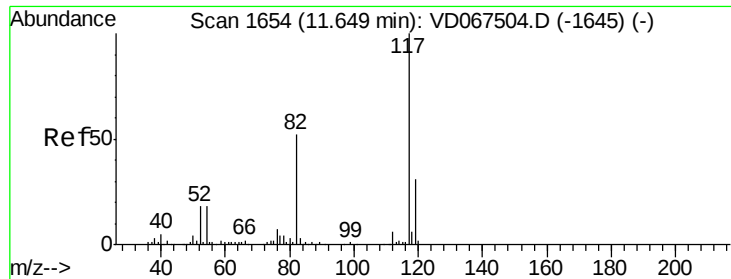
100000

50000

0

Time-->

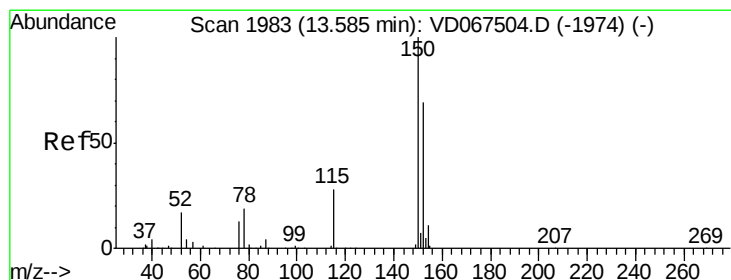
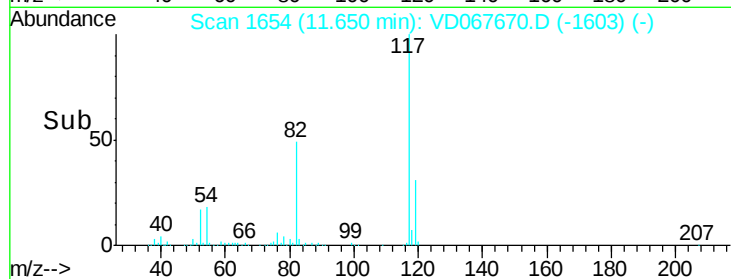
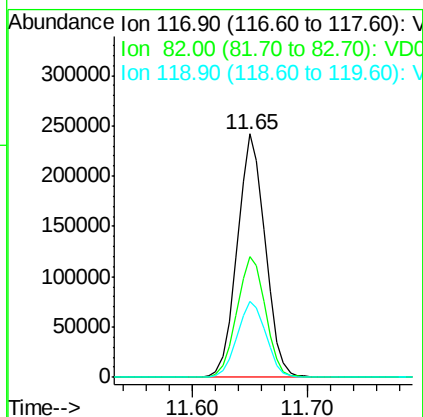
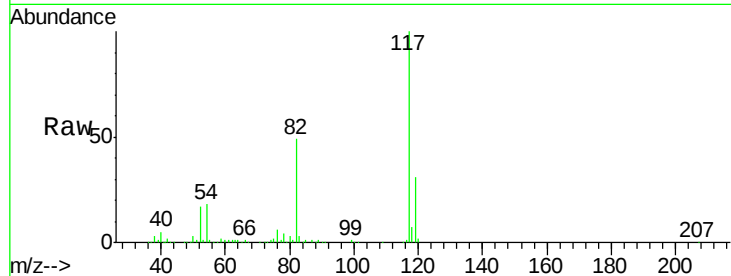




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067670.D
Acq: 17 Nov 2020 18:42

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

Tot Ion:117 Resp: 403953
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 31.1 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: VD067670.D
Acq: 17 Nov 2020 18:42

Tgt Ion:152 Resp: 206022
Ion Ratio Lower Upper
152 100
115 58.7 29.3 88.0
150 155.0 0.0 338.2

