

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067679.D
 Acq On : 18 Nov 2020 12:14
 Operator : VA/SY
 Sample : L4770-12
 Misc : 4.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-02-4-5

Quant Time: Nov 19 00:44:46 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	281163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	449952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	470992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243943	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	125253	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.92	113	136669	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.34	98	526380	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
62) 4-Bromofluorobenzene	12.64	95	205944	62.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.22%	

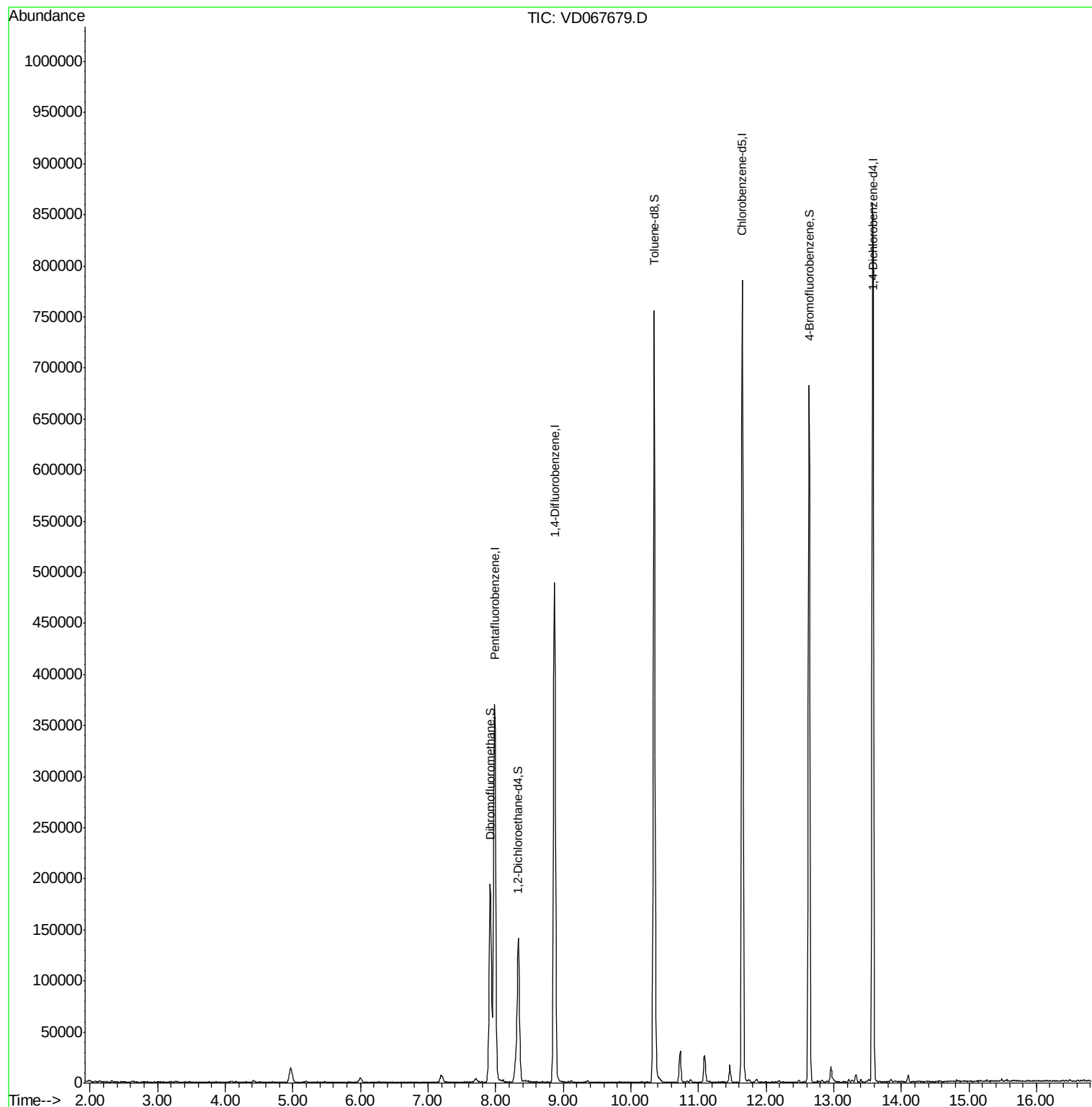
Target Compounds	Qvalue

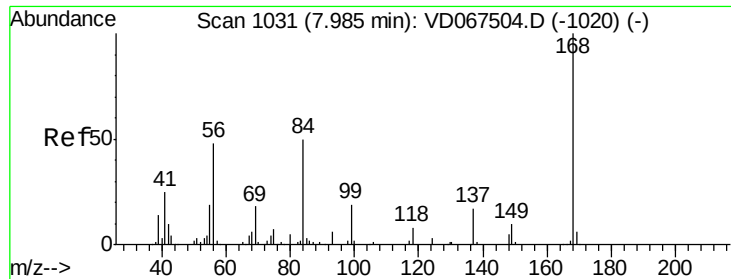
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067679.D

Acq: 18 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

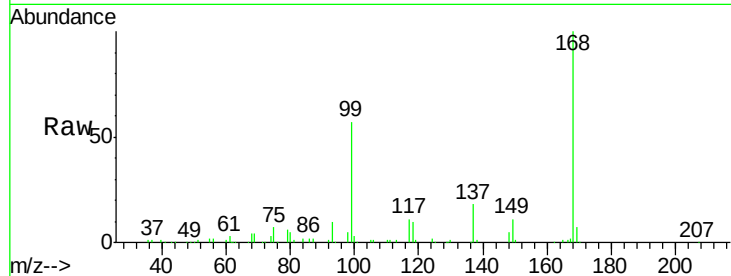
FJ-BH-02-4-5

Tot Ion:168 Resp: 281163

Ion Ratio Lower Upper

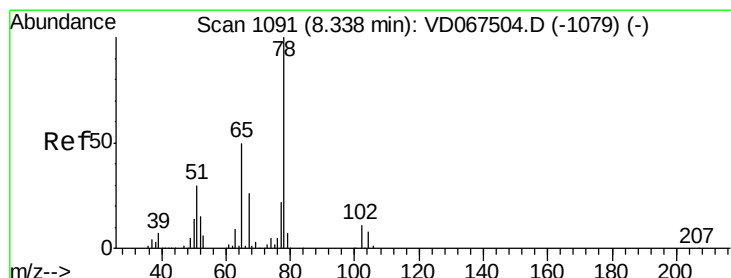
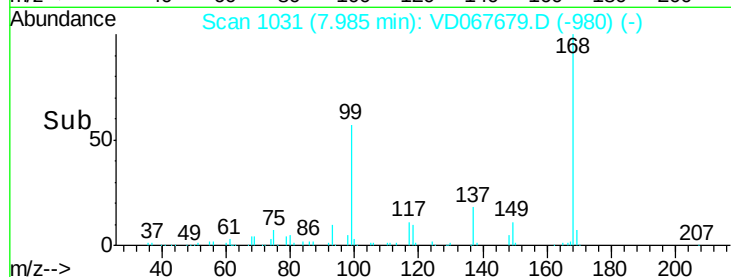
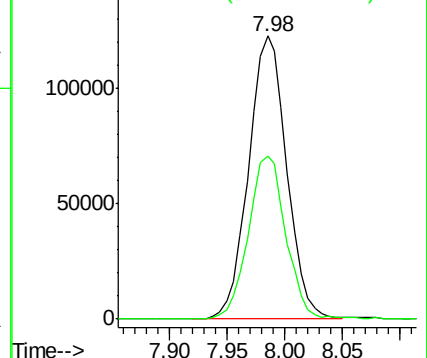
168 100

99 57.3 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: 50.948 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067679.D

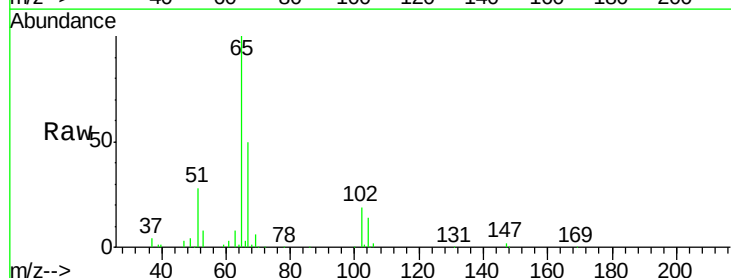
Acq: 18 Nov 2020 12:14

Tgt Ion: 65 Resp: 125253

Ion Ratio Lower Upper

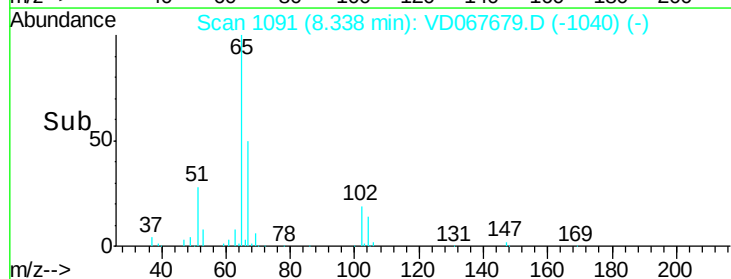
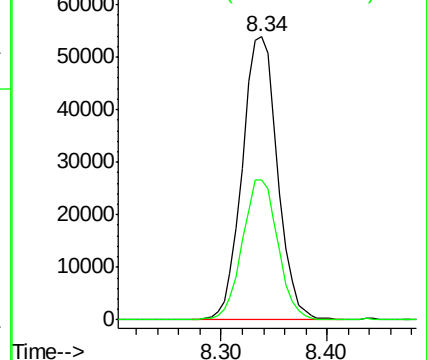
65 100

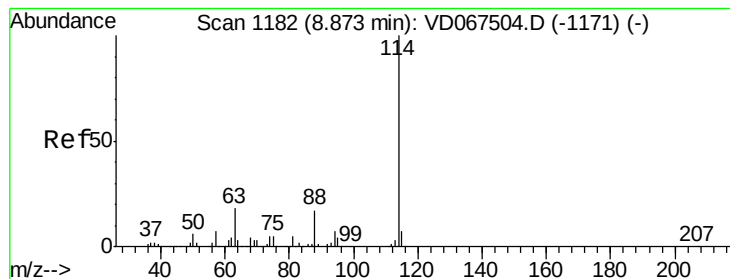
67 49.6 0.0 99.4



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# 1182

Delta R.T. -0.00 min

Lab File: VD067679.D

Acq: 18 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-02-4-5

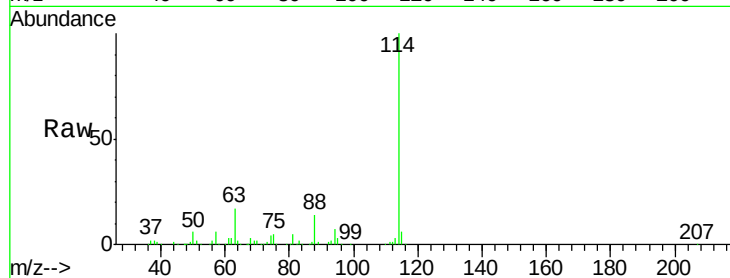
Tot Ion:114 Resp: 449952

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

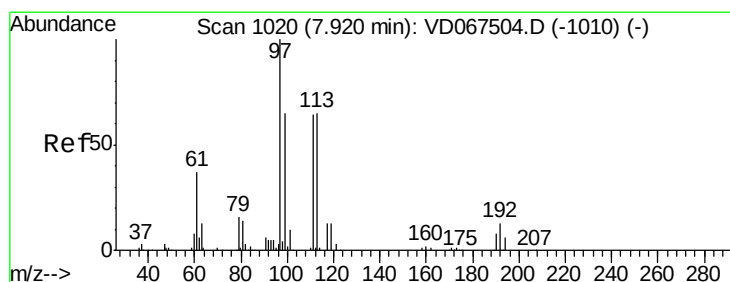
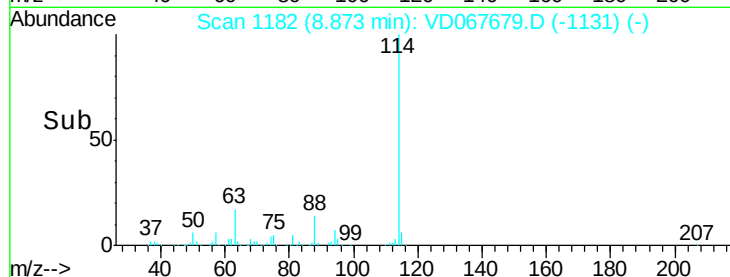
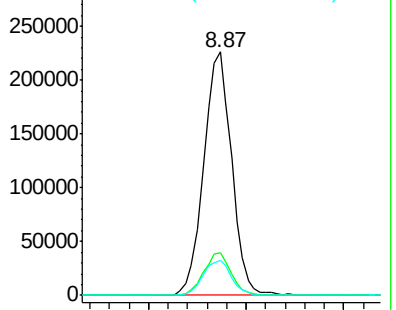
88 14.1 0.0 33.0



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: 50.414 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067679.D

Acq: 18 Nov 2020 12:14

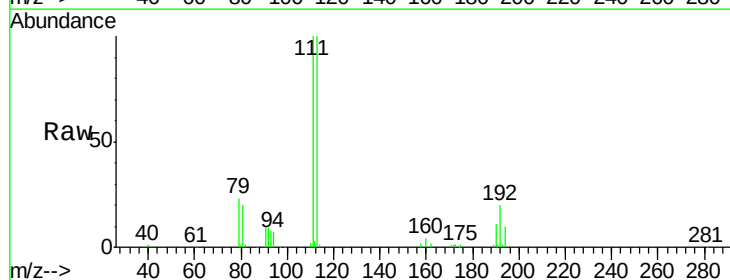
Tgt Ion:113 Resp: 136669

Ion Ratio Lower Upper

113 100

111 102.7 80.0 120.0

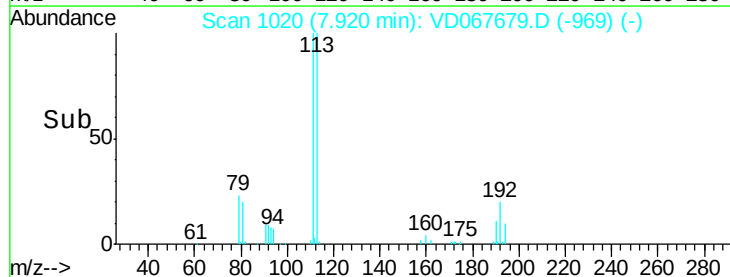
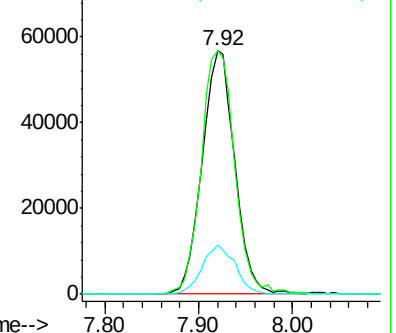
192 20.3 16.3 24.5

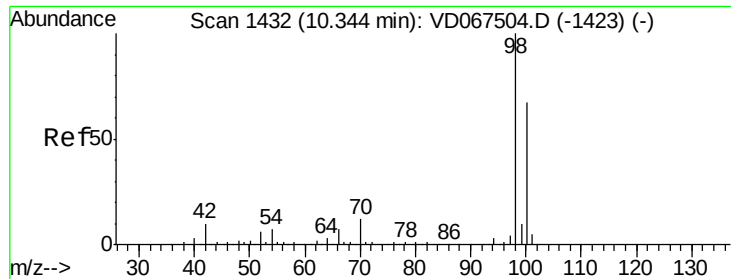


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

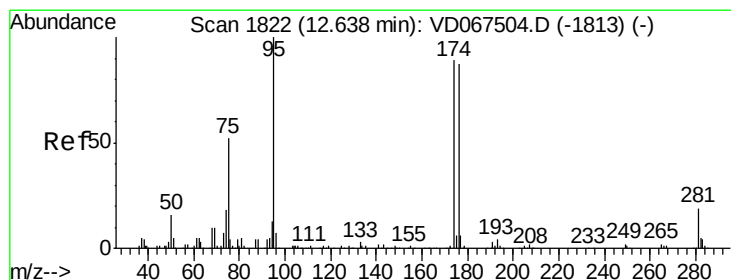
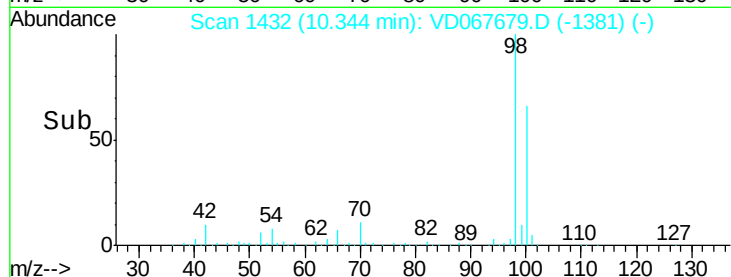
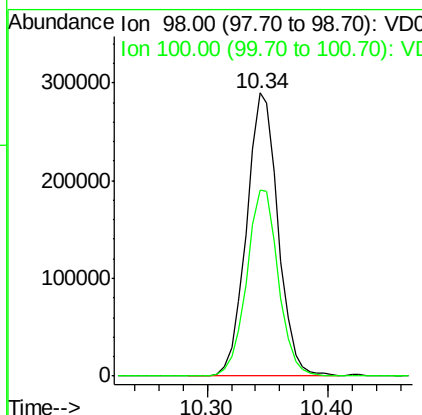
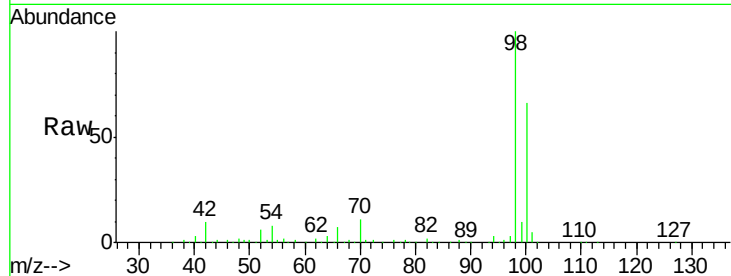




#50
Toluene-d8
Concen: 55.252 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067679.D
Acq: 18 Nov 2020 12:14

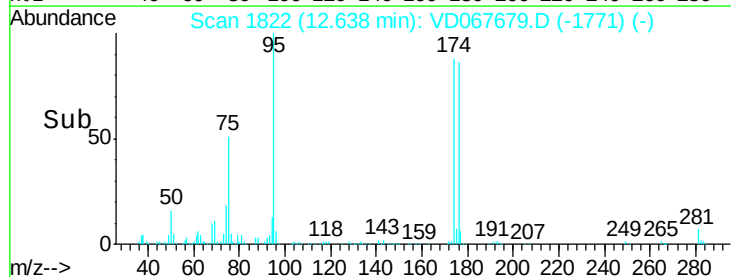
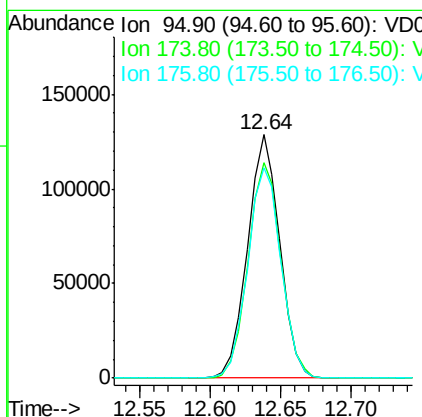
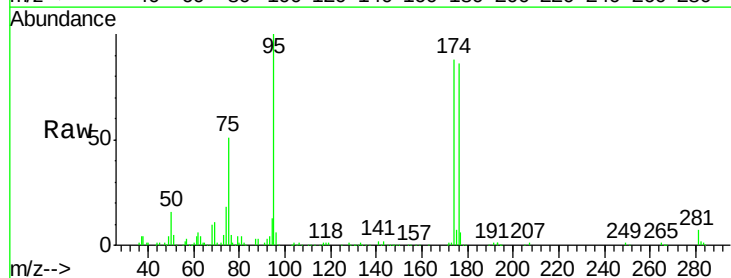
Instrument :
MSVOA_D
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FJ-BH-02-4-5

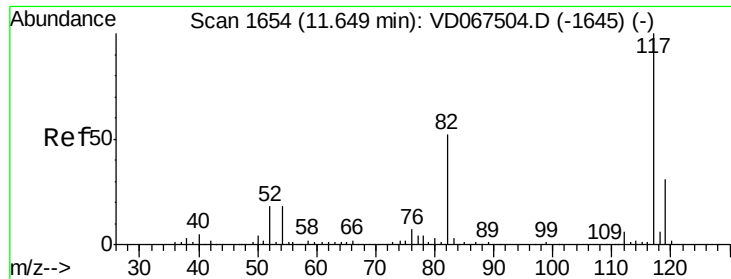
Tot Ion: 98 Resp: 526380
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 62.614 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067679.D
Acq: 18 Nov 2020 12:14

Tgt Ion: 95 Resp: 205944
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.8
176 89.2 0.0 172.0

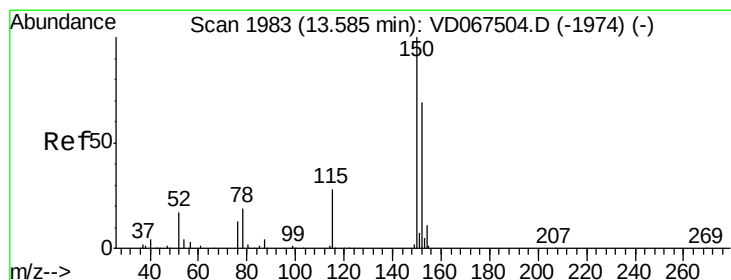
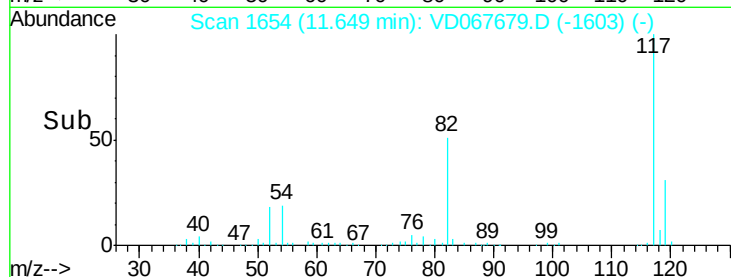
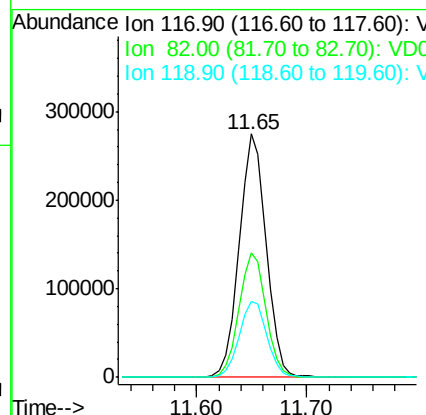
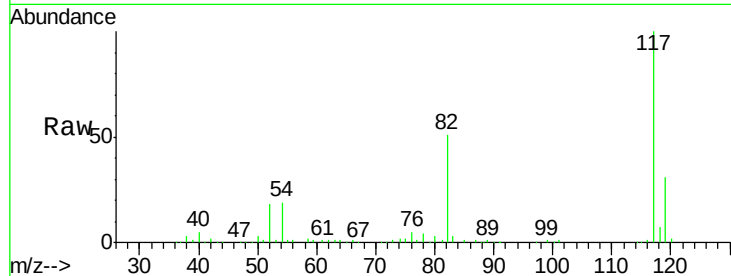




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067679.D
Acq: 18 Nov 2020 12:14

Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-02-4-5

Tot Ion:117 Resp: 470992
Ion Ratio Lower Upper
117 100
82 51.0 41.6 62.4
119 31.4 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: VD067679.D
Acq: 18 Nov 2020 12:14

Tgt Ion:152 Resp: 243943
Ion Ratio Lower Upper
152 100
115 57.2 29.3 88.0
150 156.6 0.0 338.2

