

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067684.D
 Acq On : 18 Nov 2020 14:30
 Operator : VA/SY
 Sample : L4770-22
 Misc : 3.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-04-2-3

Quant Time: Nov 19 00:53:20 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	270731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	426345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	424362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	187564	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117027	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	7.93	113	128445	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.34	98	484903	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
62) 4-Bromofluorobenzene	12.64	95	173173	55.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.14%	

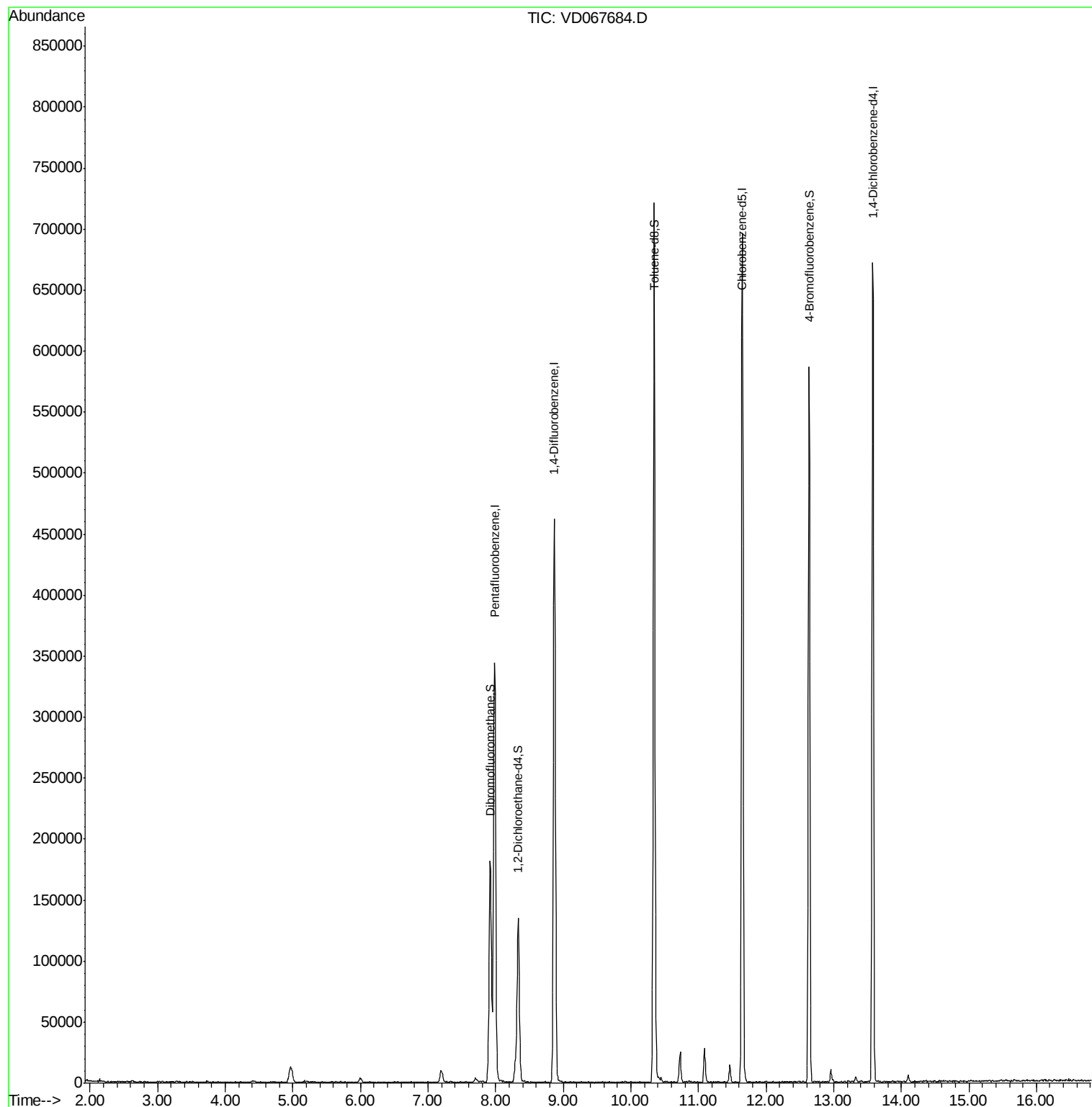
Target Compounds	Qvalue

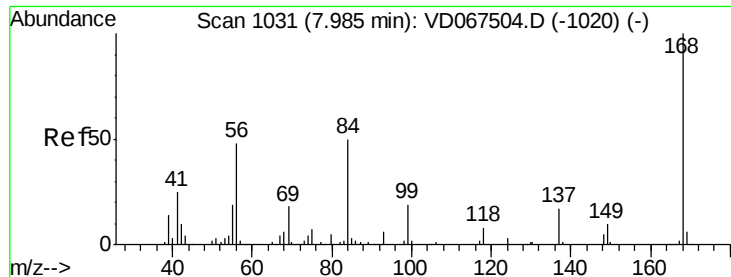
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067684.D

Acq: 18 Nov 2020 14:30

Instrument :

MSVOA_D

ClientSampleId :

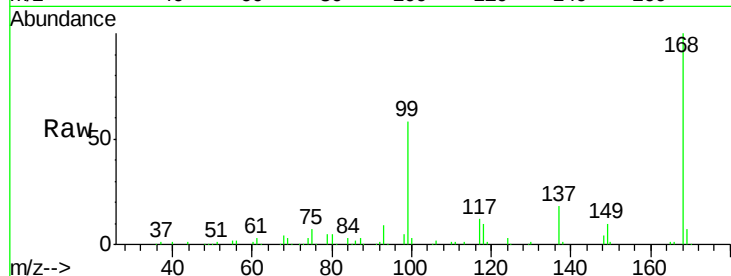
FJ-BH-04-2-3

Tot Ion:168 Resp: 270731

Ion Ratio Lower Upper

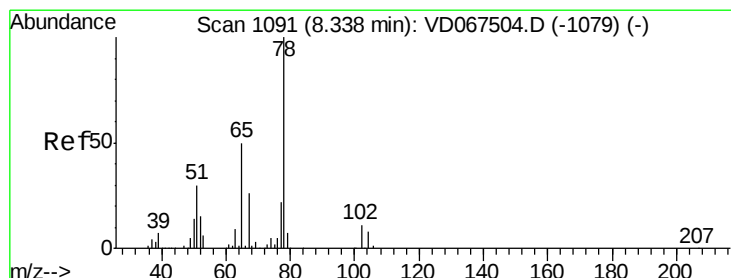
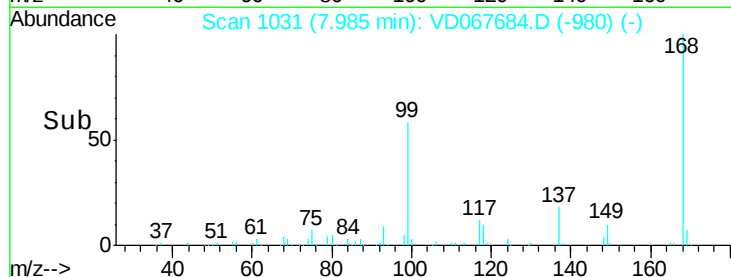
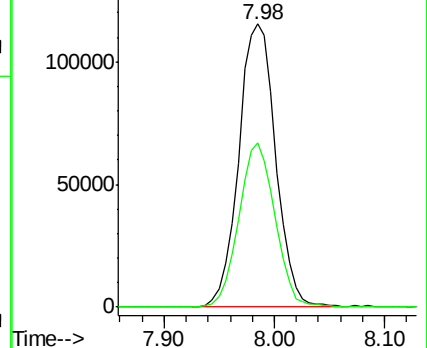
168 100

99 58.3 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: 49.436 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067684.D

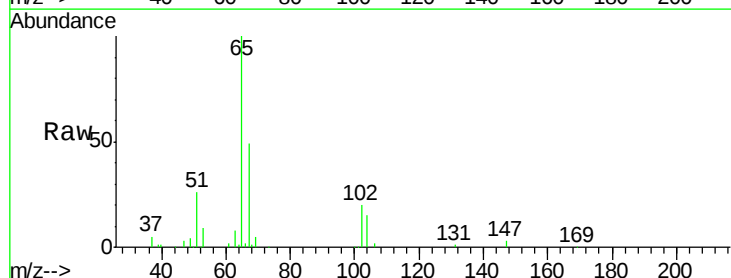
Acq: 18 Nov 2020 14:30

Tgt Ion: 65 Resp: 117027

Ion Ratio Lower Upper

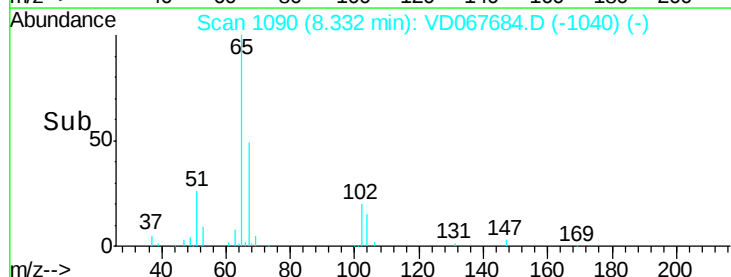
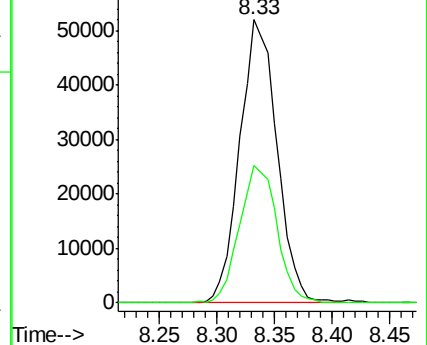
65 100

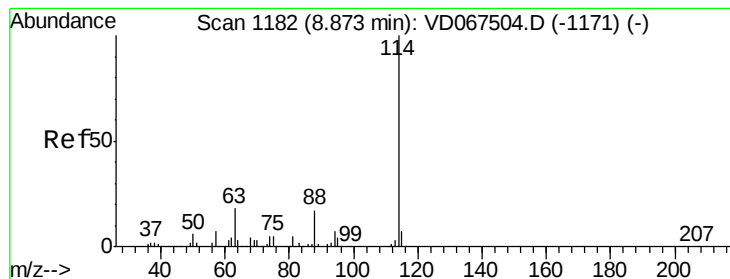
67 48.9 0.0 99.4



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: VD067684.D

Acq: 18 Nov 2020 14:30

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-04-2-3

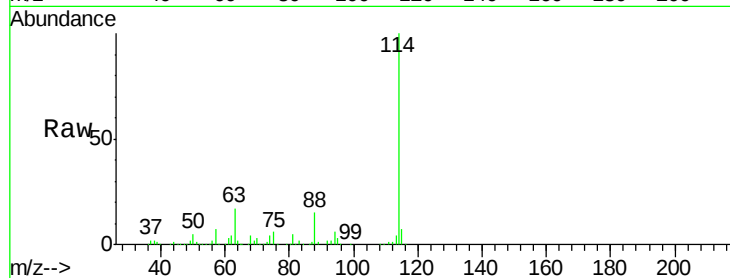
Tot Ion:114 Resp: 426345

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

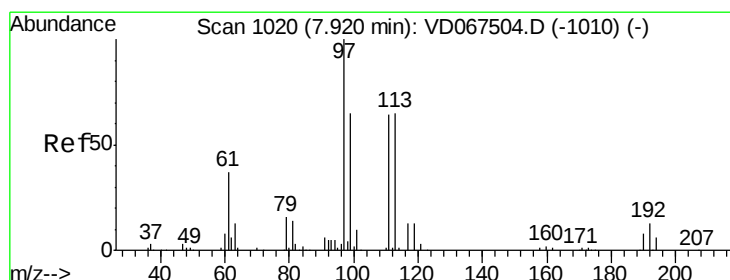
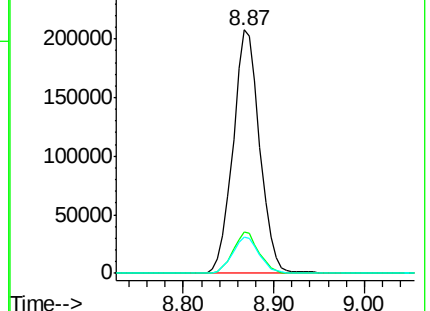
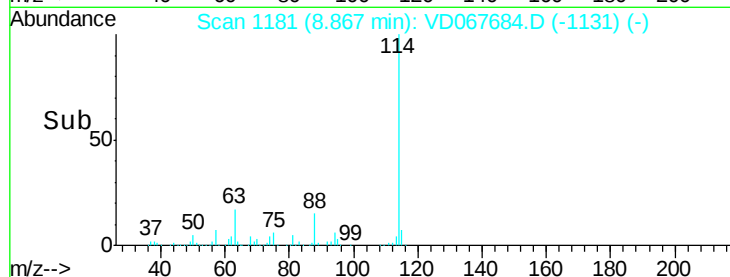
88 14.9 0.0 33.0



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: 50.004 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD067684.D

Acq: 18 Nov 2020 14:30

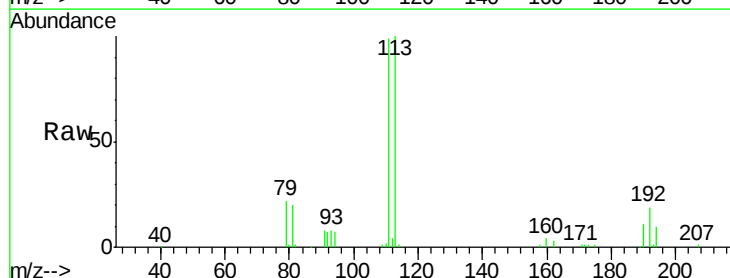
Tgt Ion:113 Resp: 128445

Ion Ratio Lower Upper

113 100

111 101.5 80.0 120.0

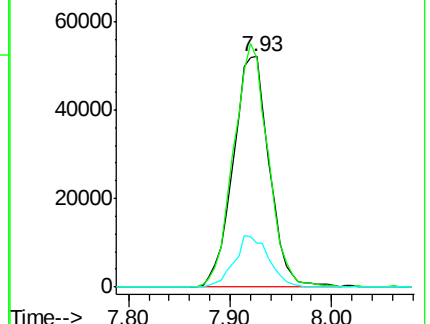
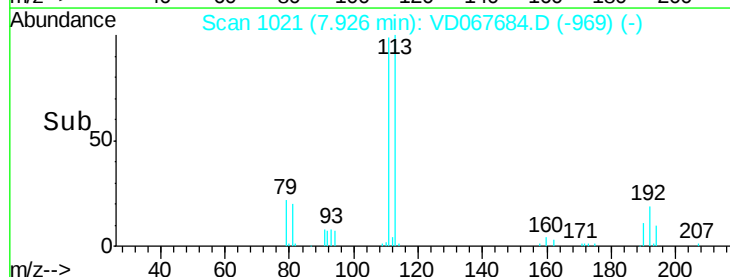
192 21.2 16.3 24.5

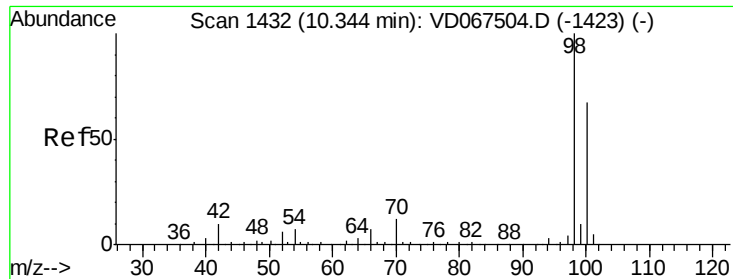


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.716 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067684.D

Acq: 18 Nov 2020 14:30

Instrument :

MSVOA_D

ClientSampleId :

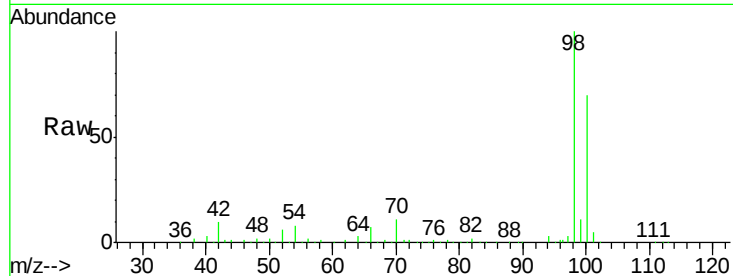
FJ-BH-04-2-3

Tot Ion: 98 Resp: 484903

Ion Ratio Lower Upper

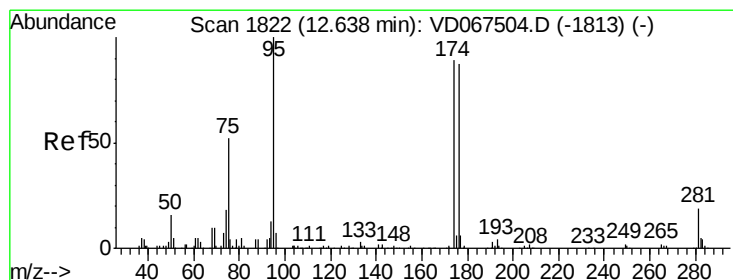
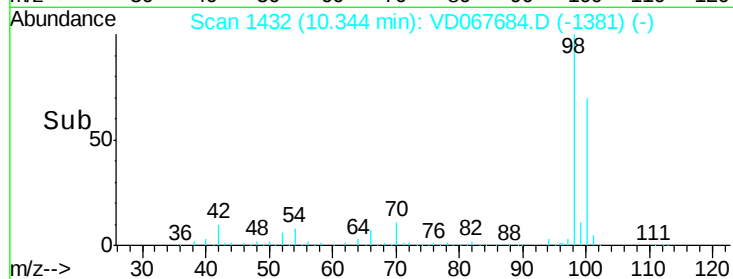
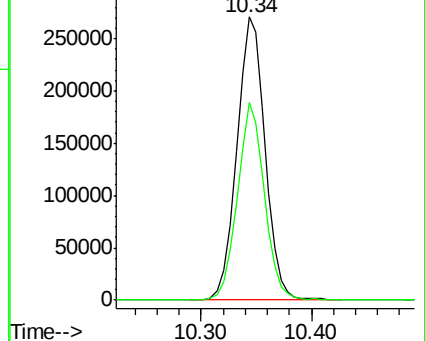
98 100

100 66.8 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: 55.565 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067684.D

Acq: 18 Nov 2020 14:30

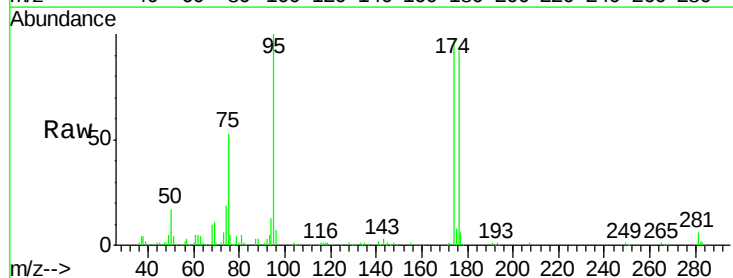
Tgt Ion: 95 Resp: 173173

Ion Ratio Lower Upper

95 100

174 94.3 0.0 177.8

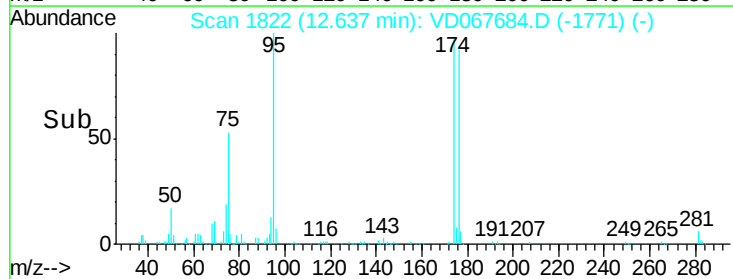
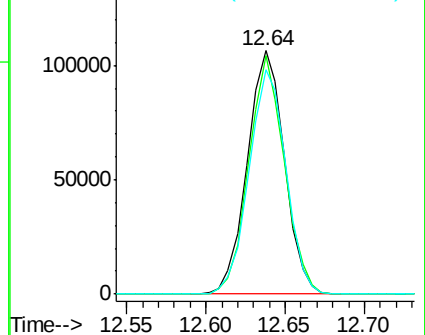
176 91.6 0.0 172.0

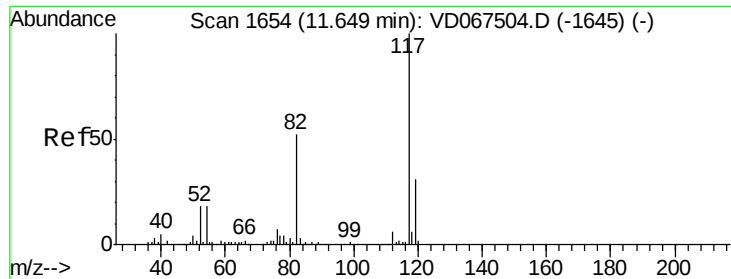


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

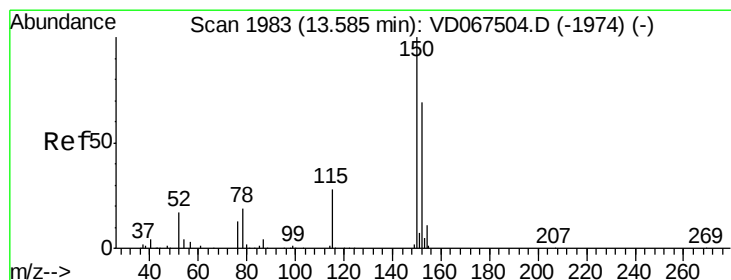
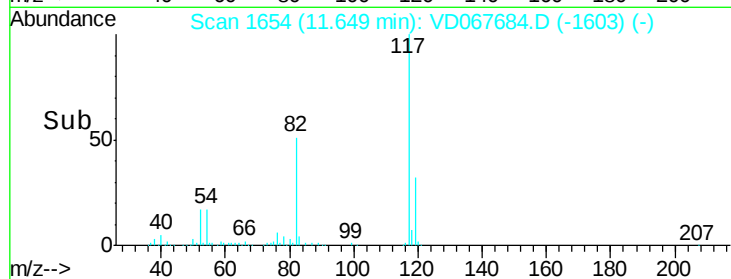
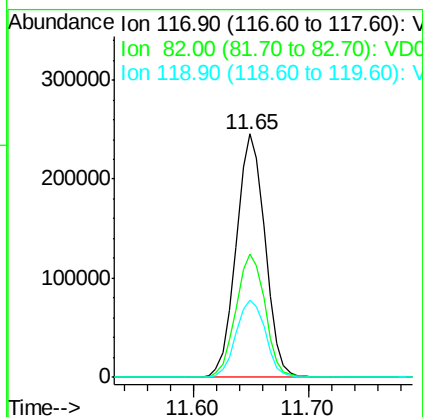
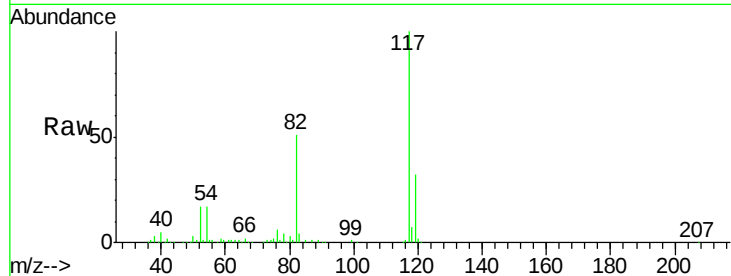




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067684.D
Acq: 18 Nov 2020 14:30

Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-04-2-3

Tot Ion:117 Resp: 424362
Ion Ratio Lower Upper
117 100
82 50.8 41.6 62.4
119 31.7 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: VD067684.D
Acq: 18 Nov 2020 14:30

Tgt Ion:152 Resp: 187564
Ion Ratio Lower Upper
152 100
115 60.8 29.3 88.0
150 159.1 0.0 338.2

