

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067669.D
 Acq On : 17 Nov 2020 18:15
 Operator : VA/SY
 Sample : L4770-06
 Misc : 3.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-01-4-5

Quant Time: Nov 18 01:06:01 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	265576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	425620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	450362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235427	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	121603	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
35) Dibromofluoromethane	7.93	113	132508	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.34	98	506147	56.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.34%	
62) 4-Bromofluorobenzene	12.64	95	195367	62.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.58%	

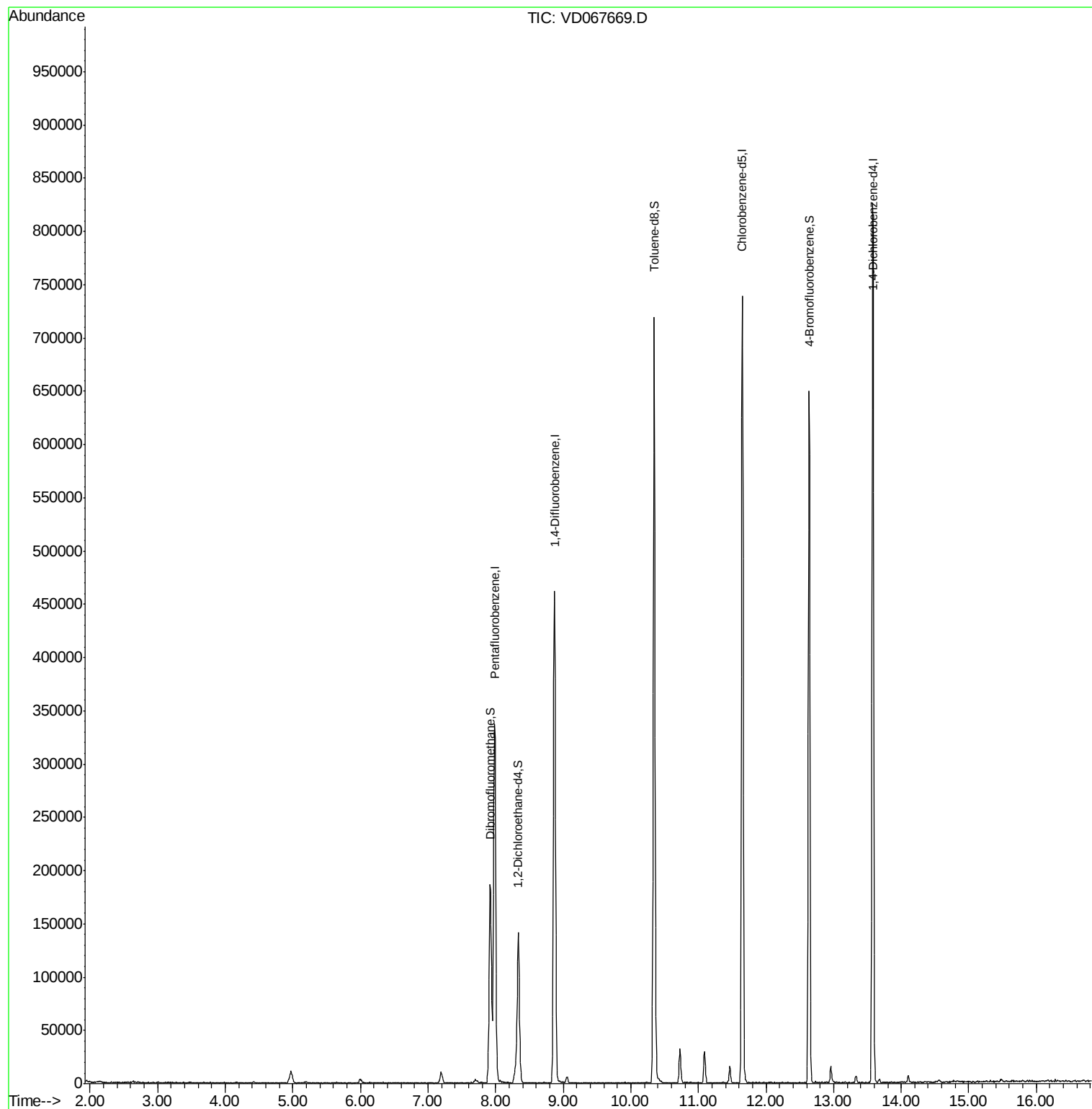
Target Compounds	Qvalue

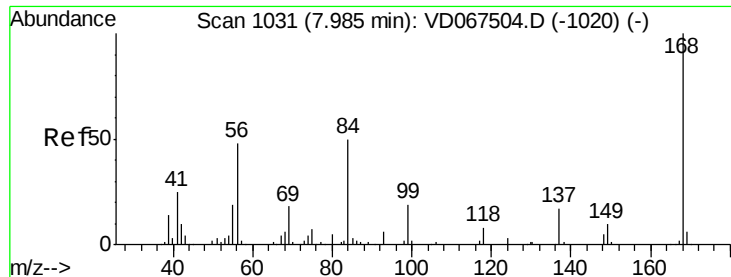
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067669.D

Acq: 17 Nov 2020 18:15

Instrument :

MSVOA_D

ClientSampleId :

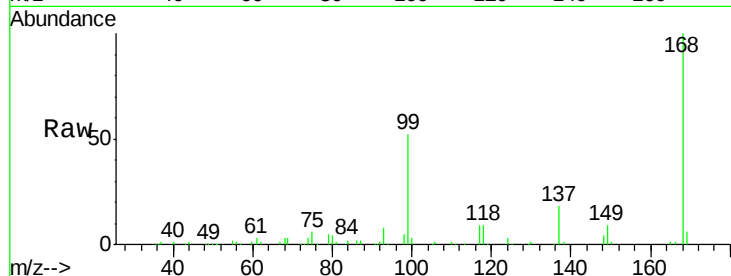
FJ-BH-01-4-5

Tot Ion:168 Resp: 265576

Ion Ratio Lower Upper

168 100

99 52.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

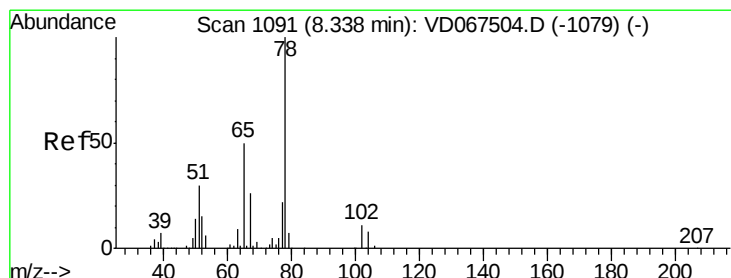
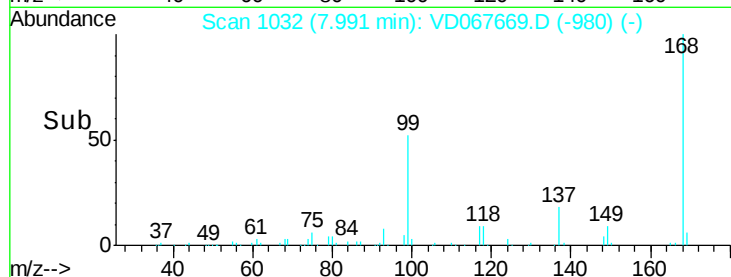
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 52.366 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067669.D

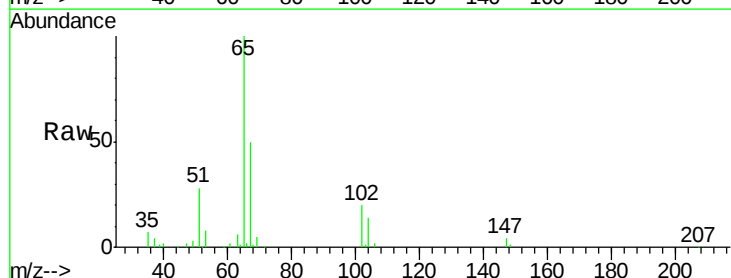
Acq: 17 Nov 2020 18:15

Tgt Ion: 65 Resp: 121603

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

8.33

60000

50000

40000

30000

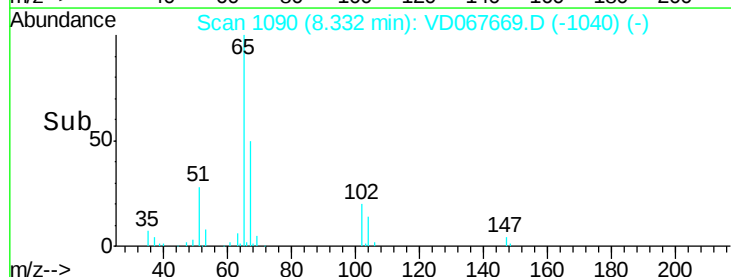
20000

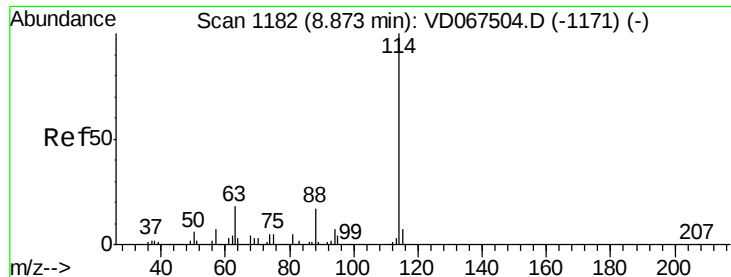
10000

0

Time-->

8.30 8.40

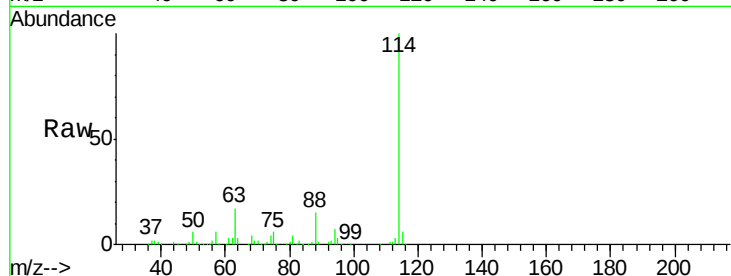




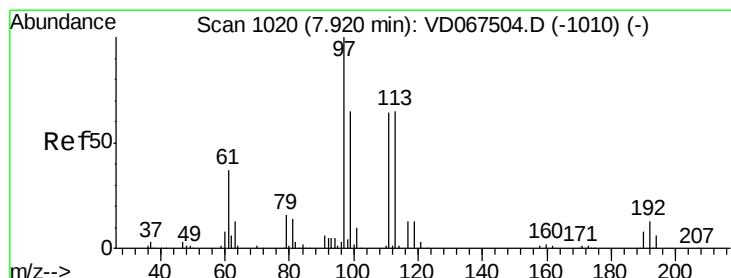
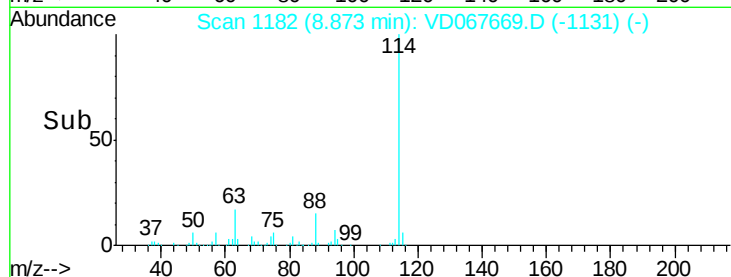
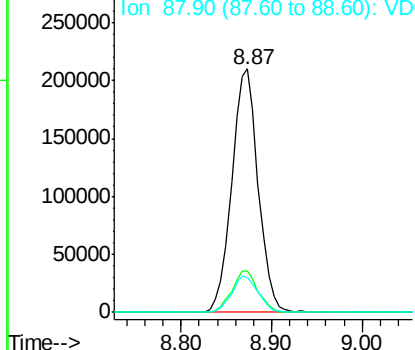
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VD067669.D
 Acq: 17 Nov 2020 18:15

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-01-4-5

Tot Ion:114 Resp: 425620
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.0
 88 14.6 0.0 33.0

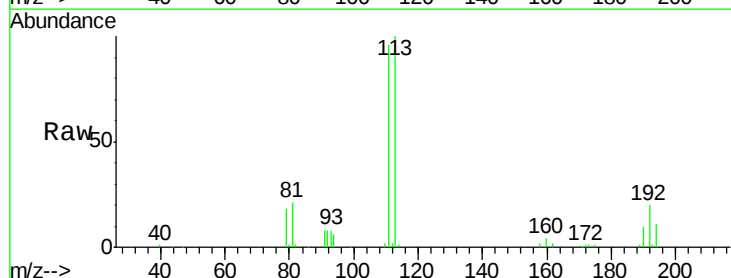


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

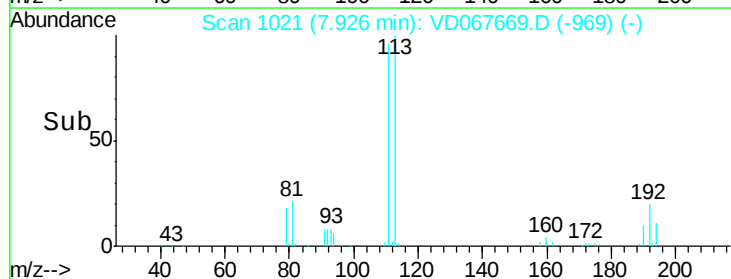
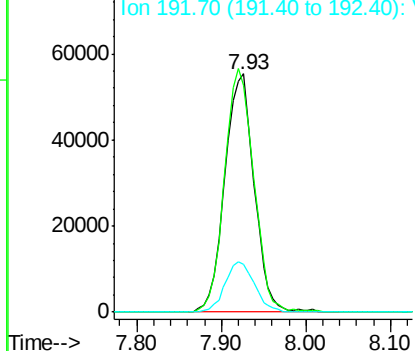


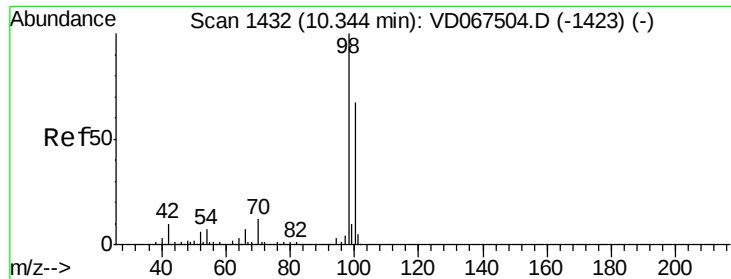
#35
 Dibromofluoromethane
 Concen: 51.673 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD067669.D
 Acq: 17 Nov 2020 18:15

Tgt Ion:113 Resp: 132508
 Ion Ratio Lower Upper
 113 100
 111 101.9 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: 56.165 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067669.D

Acq: 17 Nov 2020 18:15

Instrument :

MSVOA_D

ClientSampleId :

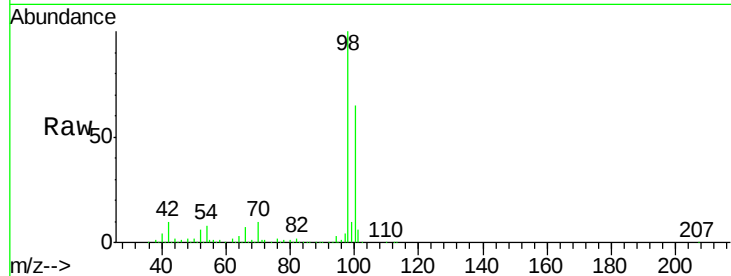
FJ-BH-01-4-5

Tot Ion: 98 Resp: 506147

Ion Ratio Lower Upper

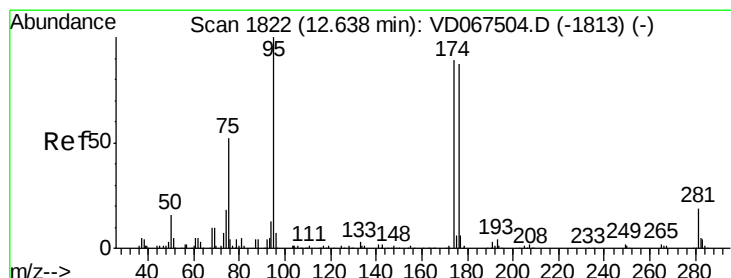
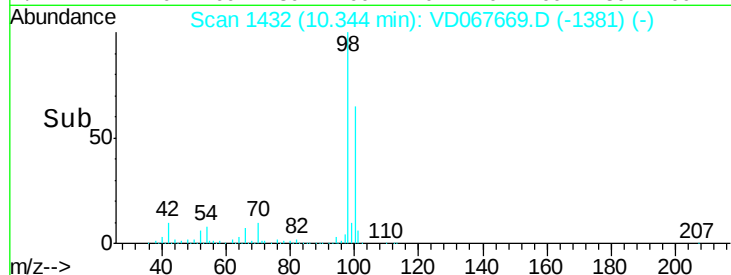
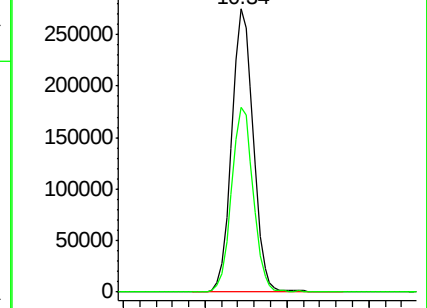
98 100

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



#62

4-Bromofluorobenzene

Concen: 62.793 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067669.D

Acq: 17 Nov 2020 18:15

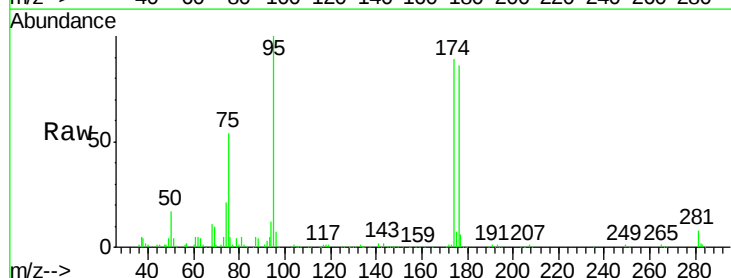
Tgt Ion: 95 Resp: 195367

Ion Ratio Lower Upper

95 100

174 91.3 0.0 177.8

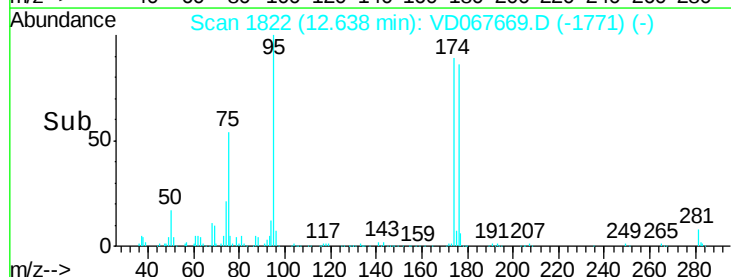
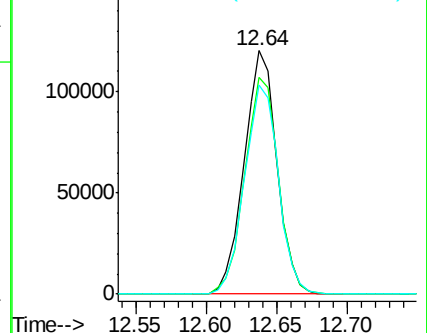
176 88.9 0.0 172.0

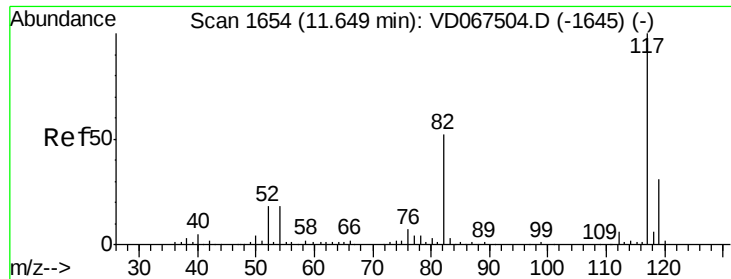


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

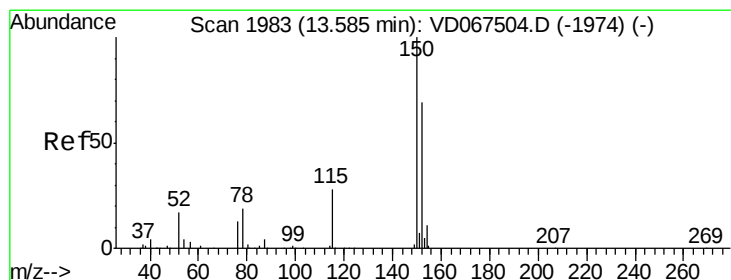
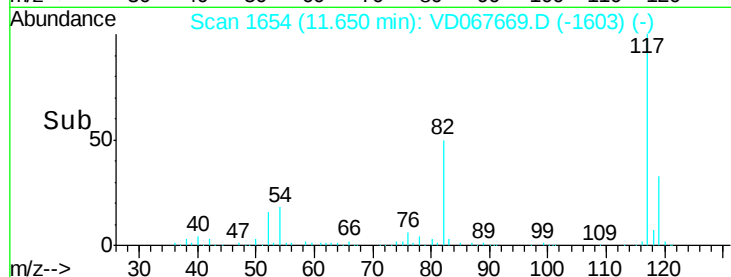
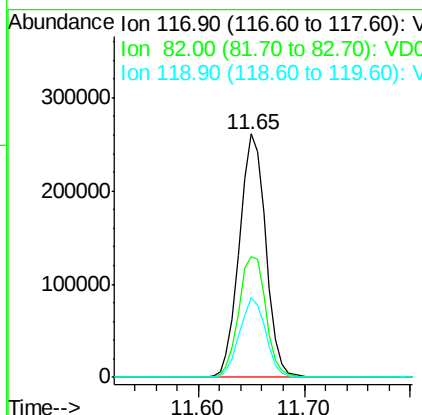
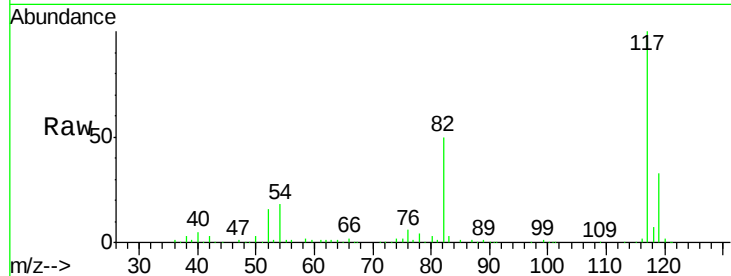




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067669.D
Acq: 17 Nov 2020 18:15

Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-01-4-5

Tot Ion:117 Resp: 450362
Ion Ratio Lower Upper
117 100
82 49.6 41.6 62.4
119 32.8 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: VD067669.D
Acq: 17 Nov 2020 18:15

Tgt Ion:152 Resp: 235427
Ion Ratio Lower Upper
152 100
115 58.7 29.3 88.0
150 156.6 0.0 338.2

