

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
 Data File : VD067703.D
 Acq On : 19 Nov 2020 12:54
 Operator : VA/SY
 Sample : L4778-06
 Misc : 4.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-223

Quant Time: Nov 20 00:54:33 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	24074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	36838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	40116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	15349	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	16031	76.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.32%	
35) Dibromofluoromethane	7.92	113	11933	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
50) Toluene-d8	10.34	98	44205	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	
62) 4-Bromofluorobenzene	12.63	95	16070	59.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.36%	

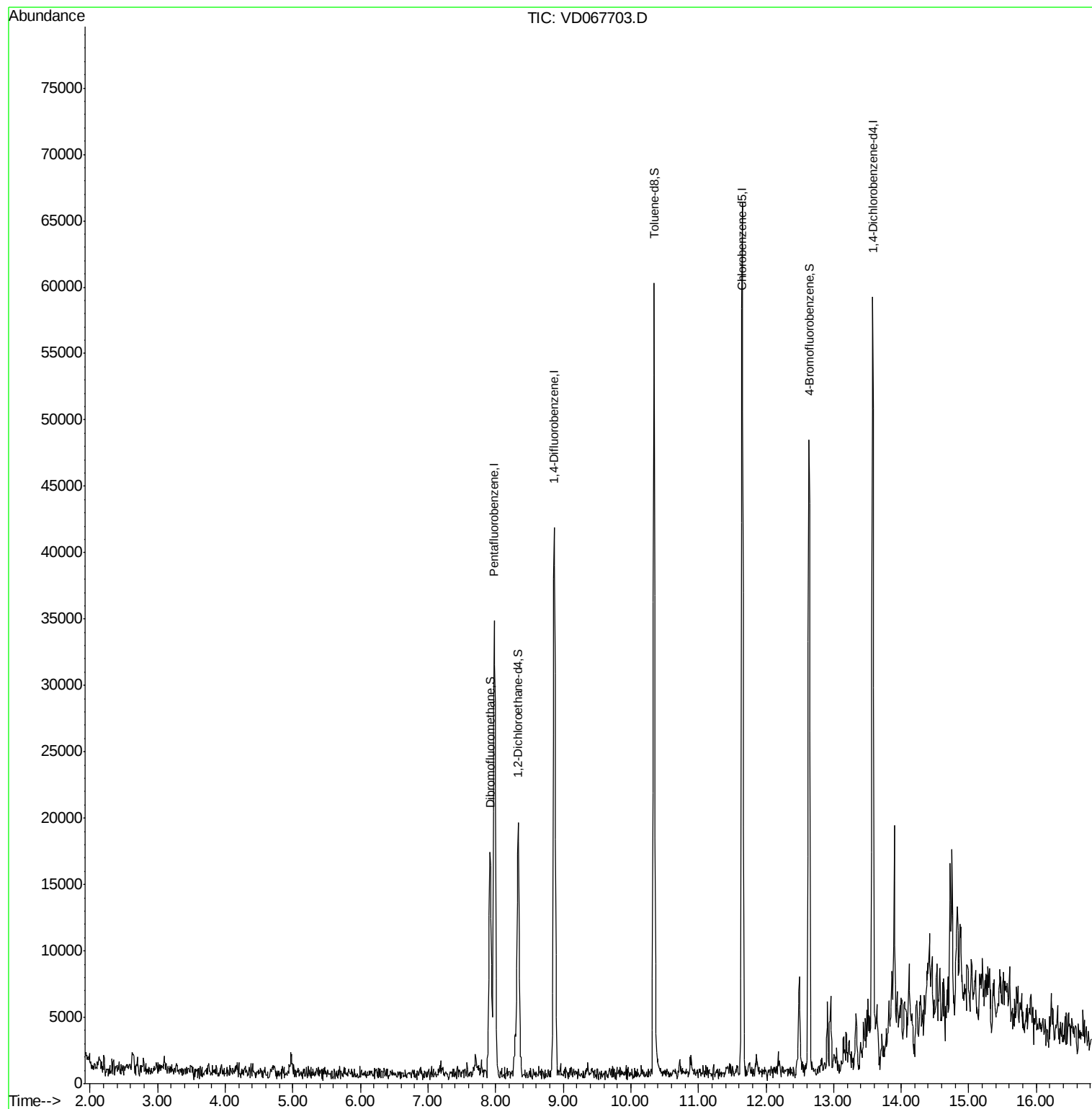
Target Compounds	Qvalue

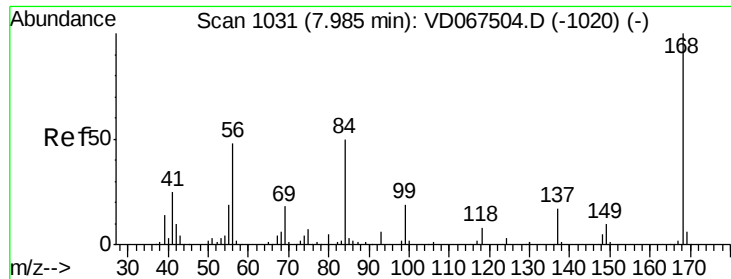
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 00:56:28 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067703.D

Acq: 19 Nov 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

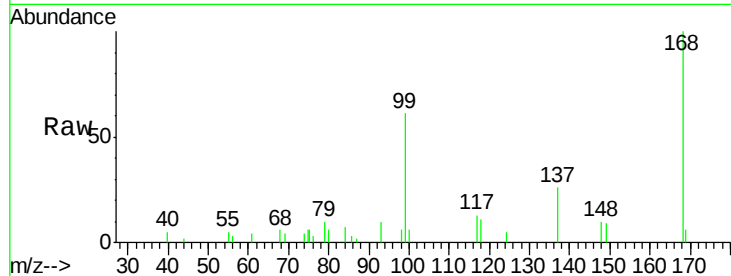
VNJ-223

Tot Ion:168 Resp: 24074

Ion Ratio Lower Upper

168 100

99 61.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

12000

10000

8000

6000

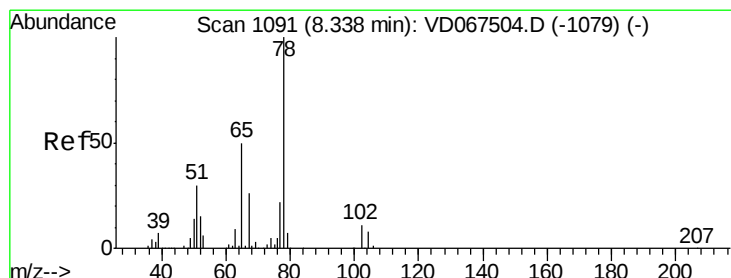
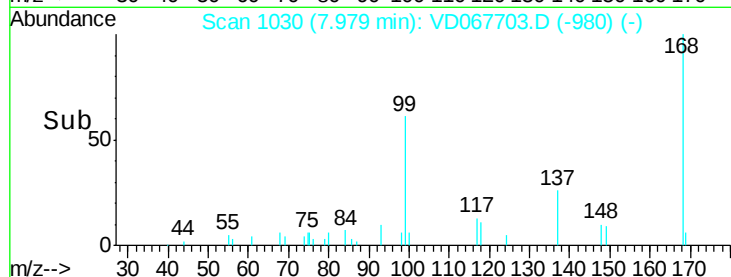
4000

2000

0

Time-->

7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 76.157 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067703.D

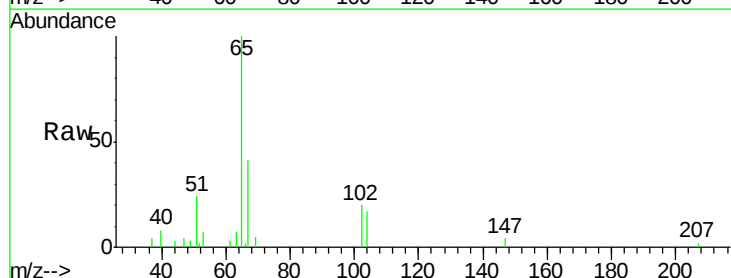
Acq: 19 Nov 2020 12:54

Tgt Ion: 65 Resp: 16031

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

8000

6000

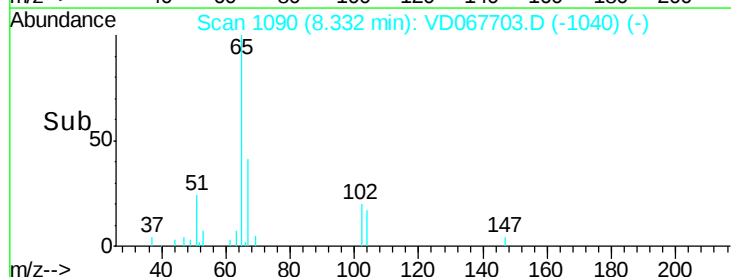
4000

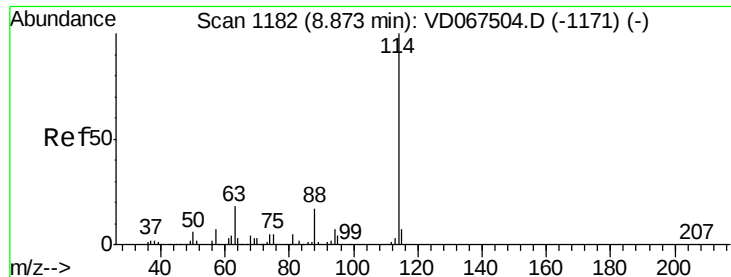
2000

0

Time-->

8.25 8.30 8.35 8.40

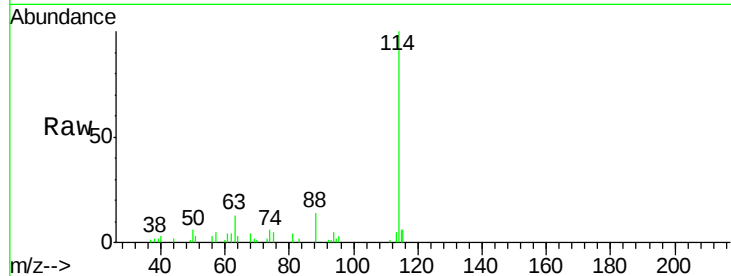




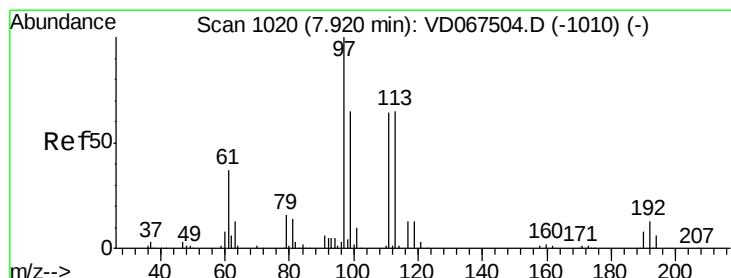
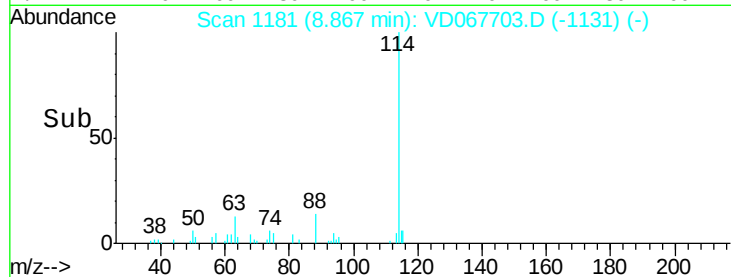
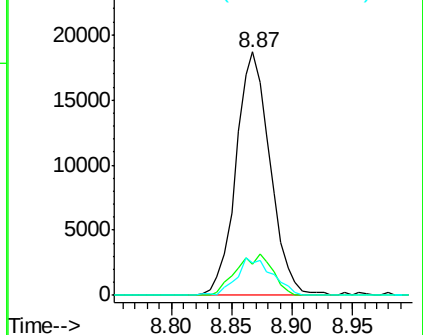
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067703.D
 Acq: 19 Nov 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-223

Tot Ion:114 Resp: 36838
 Ion Ratio Lower Upper
 114 100
 63 13.0 0.0 35.0
 88 13.6 0.0 33.0

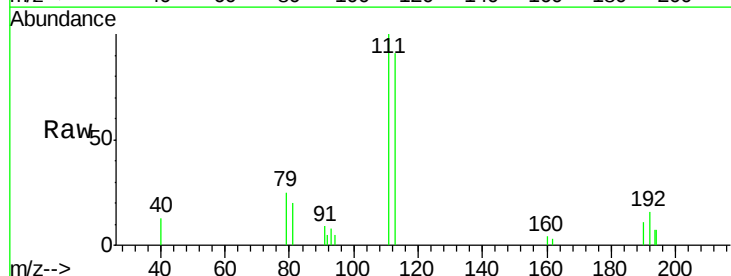


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

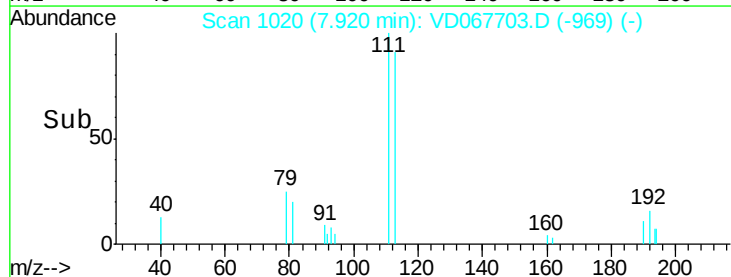
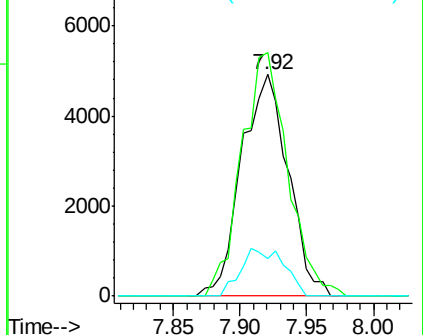


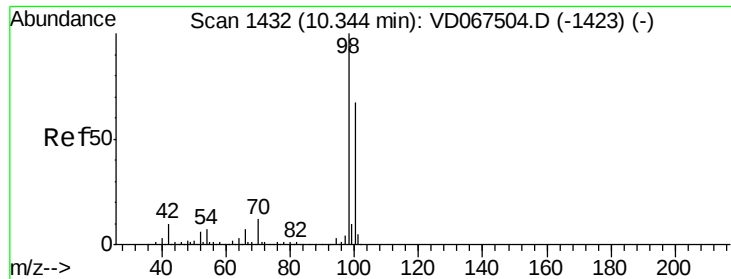
#35
 Dibromofluoromethane
 Concen: 53.765 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067703.D
 Acq: 19 Nov 2020 12:54

Tgt Ion:113 Resp: 11933
 Ion Ratio Lower Upper
 113 100
 111 108.2 80.0 120.0
 192 19.9 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: 56.675 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067703.D

Acq: 19 Nov 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

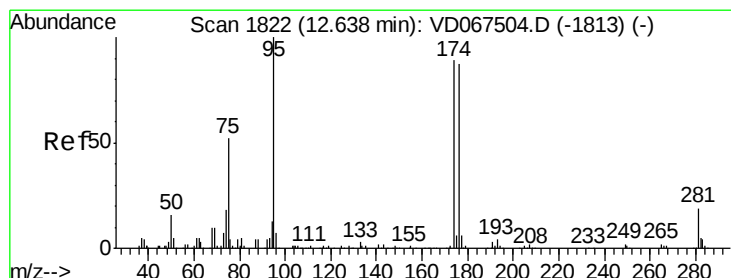
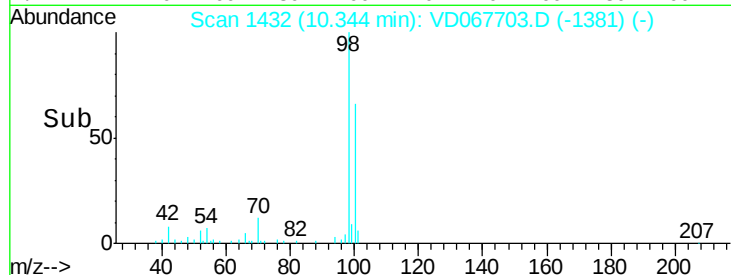
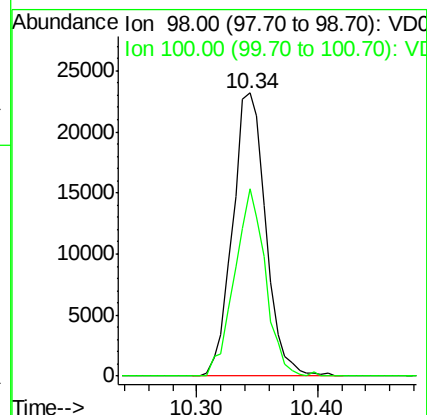
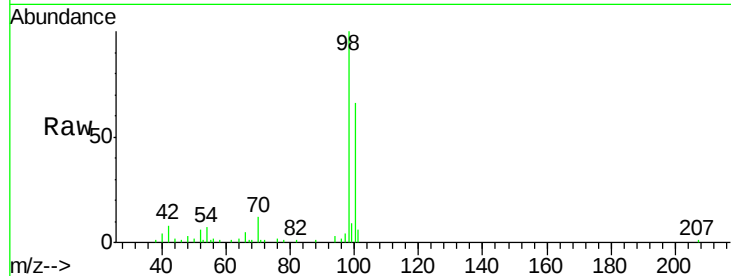
VNJ-223

Tot Ion: 98 Resp: 44205

Ion Ratio Lower Upper

98 100

100 61.4 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 59.677 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD067703.D

Acq: 19 Nov 2020 12:54

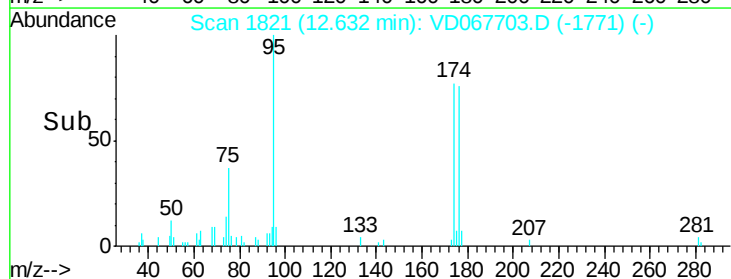
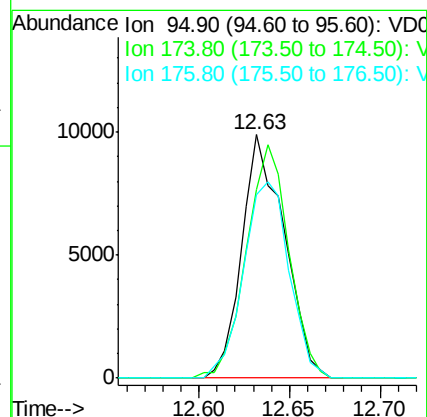
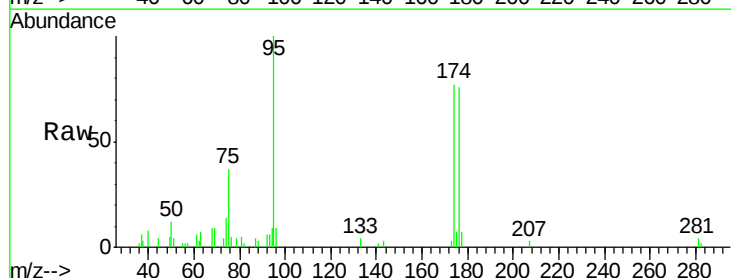
Tgt Ion: 95 Resp: 16070

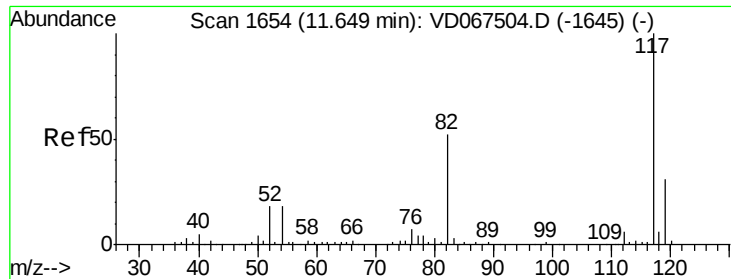
Ion Ratio Lower Upper

95 100

174 96.0 0.0 177.8

176 87.0 0.0 172.0

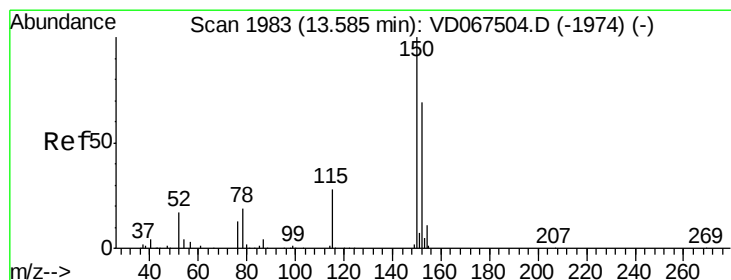
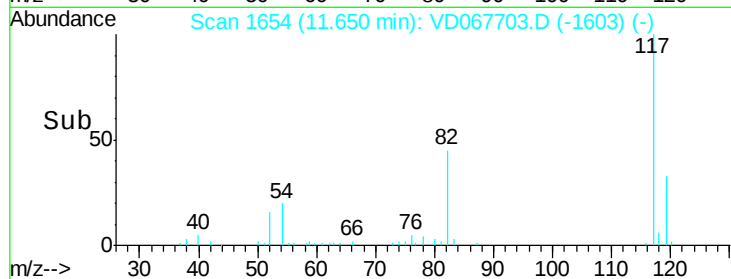
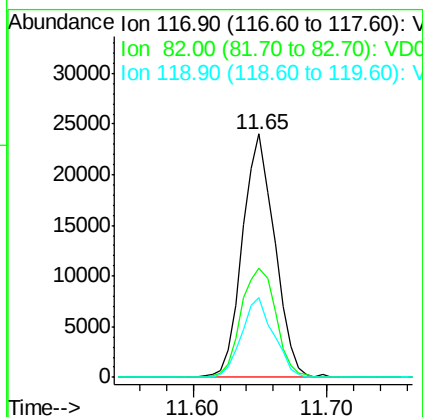
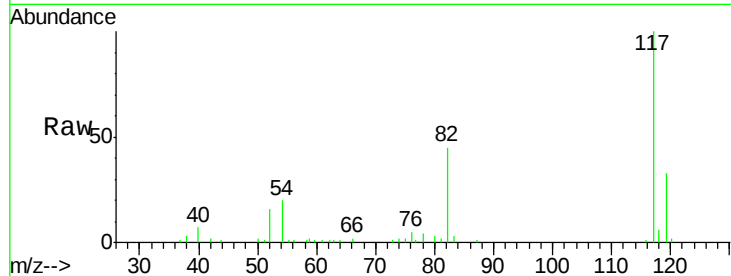




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067703.D
Acq: 19 Nov 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VNJ-223

Tot Ion:117 Resp: 40116
Ion Ratio Lower Upper
117 100
82 44.8 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: VD067703.D
Acq: 19 Nov 2020 12:54

Tgt Ion:152 Resp: 15349
Ion Ratio Lower Upper
152 100
115 60.8 29.3 88.0
150 156.6 0.0 338.2

