

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067800.D
 Acq On : 25 Nov 2020 21:09
 Operator : VA/SY
 Sample : L4903-06
 Misc : 6.37G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Nov 26 03:05:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	606919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	978109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	912263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	445137	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.34	65	316350	53.61	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.22%	
35) Dibromofluoromethane		7.92	113	302896	48.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.32%	
50) Toluene-d8		10.34	98	1103958	48.51	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.02%	
62) 4-Bromofluorobenzene		12.64	95	401571	51.62	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.24%	

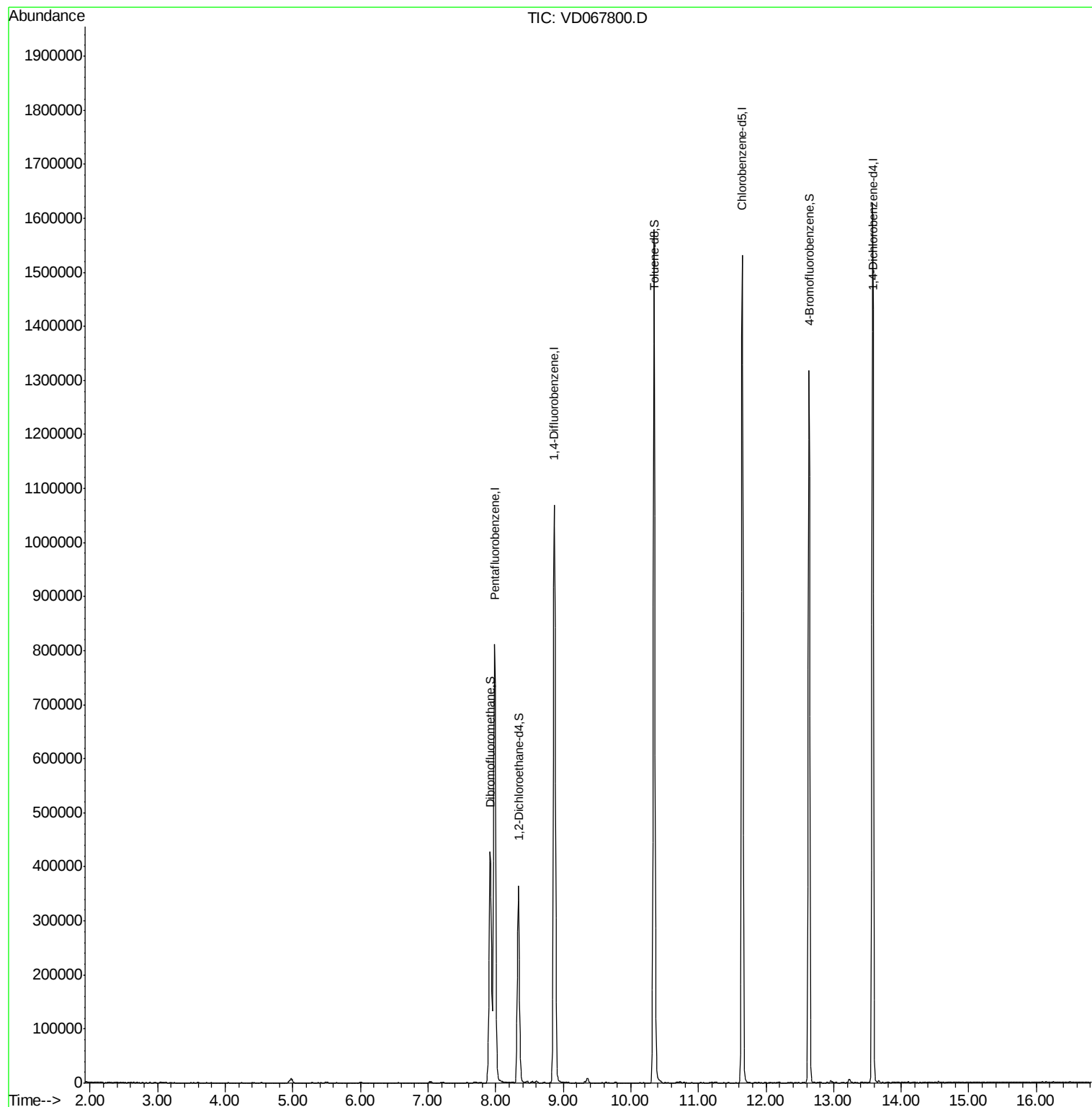
Target Compounds	Qvalue
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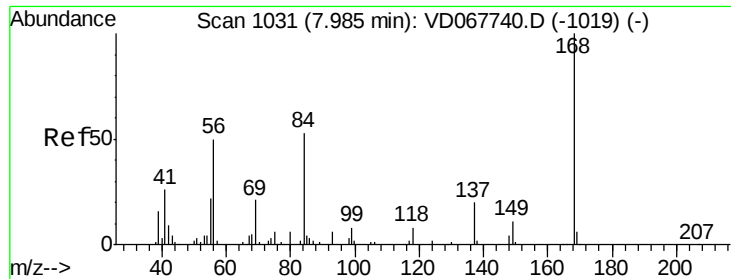
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067800.D

Acq: 25 Nov 2020 21:09

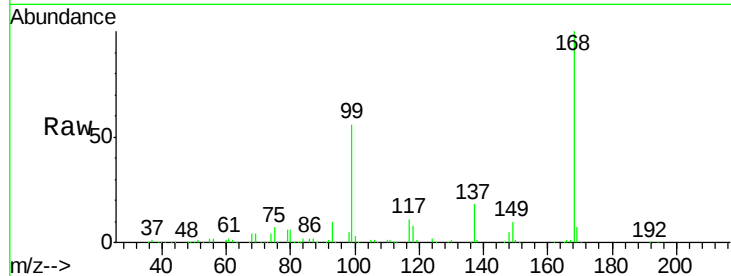
Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion:168 Resp: 606919

Ion Ratio Lower Upper

168 100

99 55.6 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

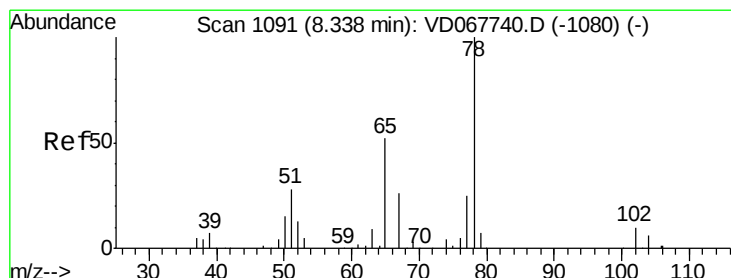
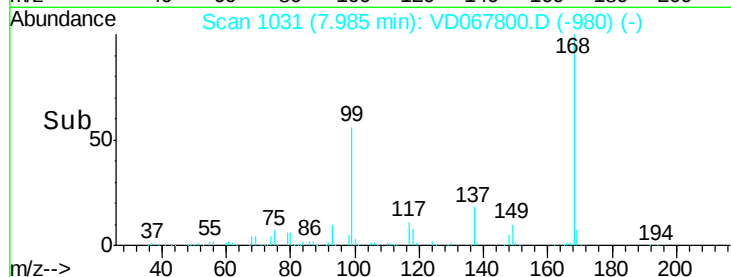
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.608 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067800.D

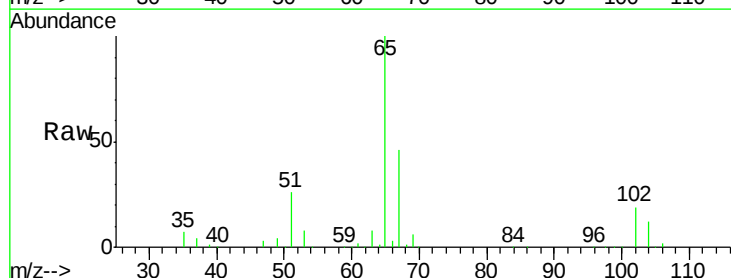
Acq: 25 Nov 2020 21:09

Tgt Ion: 65 Resp: 316350

Ion Ratio Lower Upper

65 100

67 48.2 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

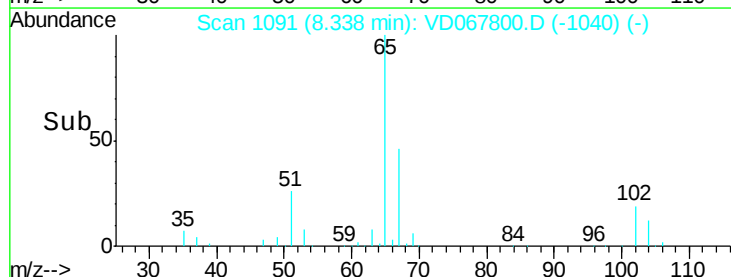
150000

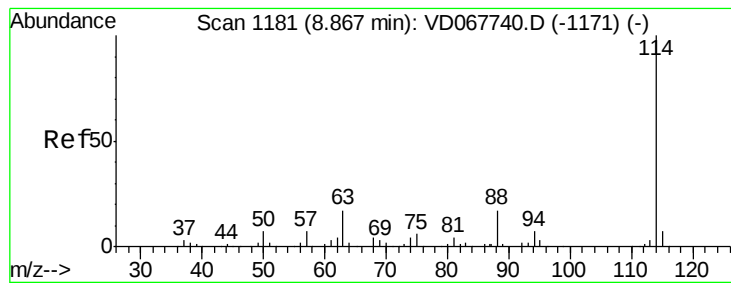
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067800.D

Acq: 25 Nov 2020 21:09

Instrument :

MSVOA_D

ClientSampleId :

TP-3

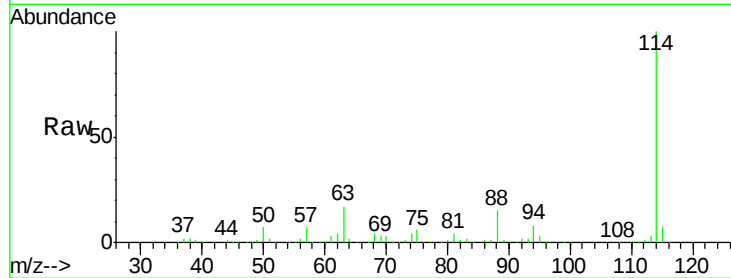
Tot Ion:114 Resp: 978109

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.8

88 15.0 0.0 34.4



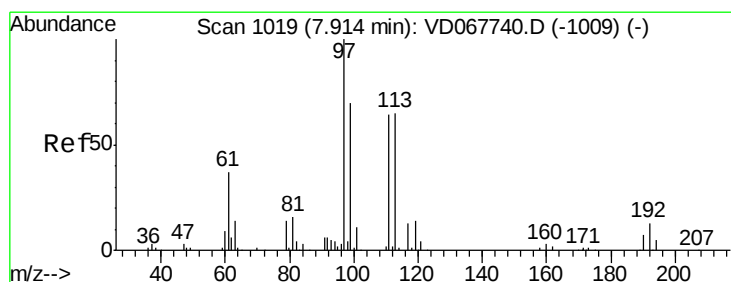
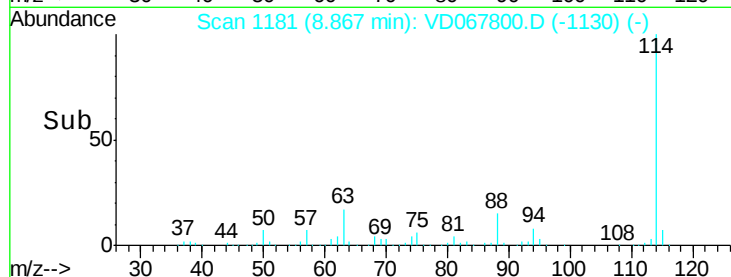
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V

8.87

Time-->



#35

Dibromofluoromethane

Concen: 48.661 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067800.D

Acq: 25 Nov 2020 21:09

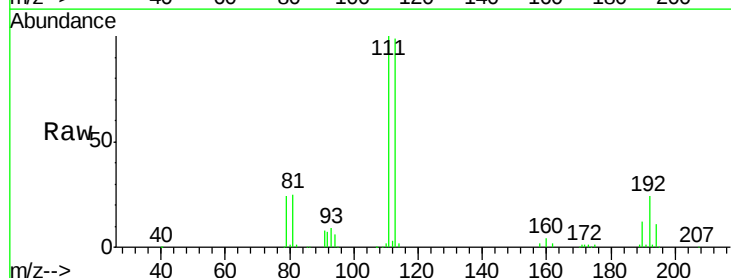
Tgt Ion:113 Resp: 302896

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 21.9 17.0 25.4



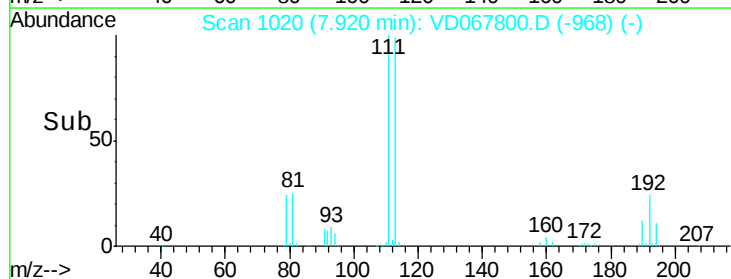
Abundance Ion 112.80 (112.50 to 113.50): V

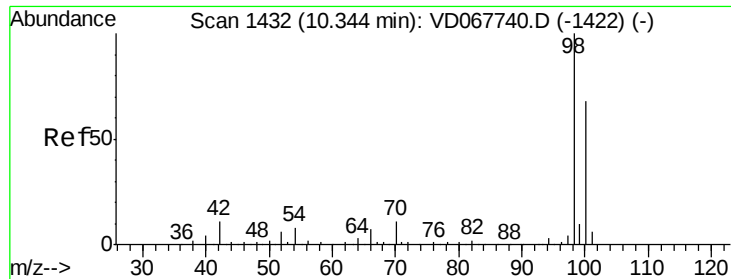
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.92

Time-->





#50

Toluene-d8

Concen: 48.509 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067800.D

Acq: 25 Nov 2020 21:09

Instrument :

MSVOA_D

ClientSampleId :

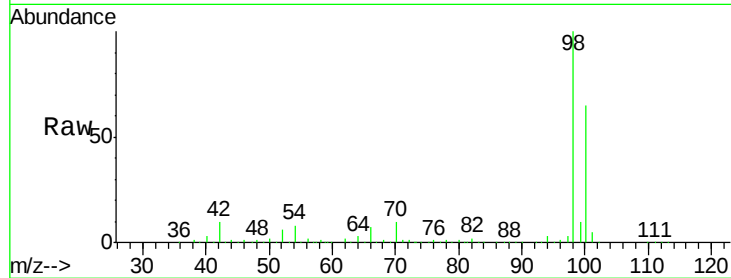
TP-3

Tot Ion: 98 Resp: 1103958

Ion Ratio Lower Upper

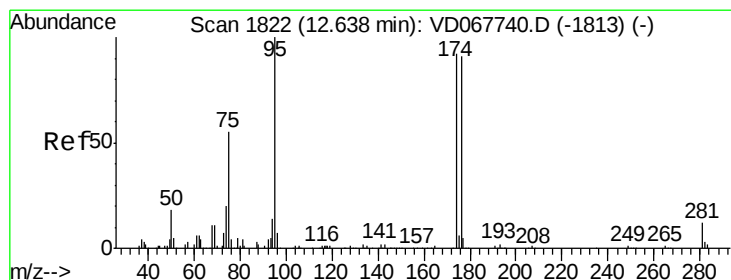
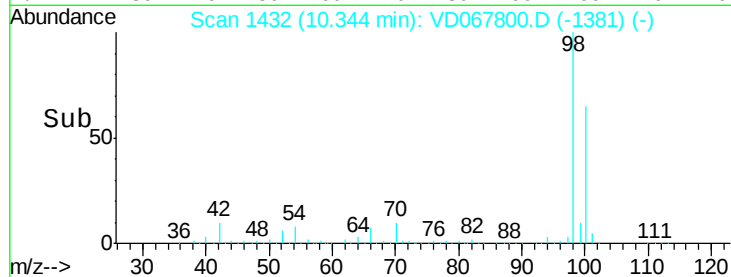
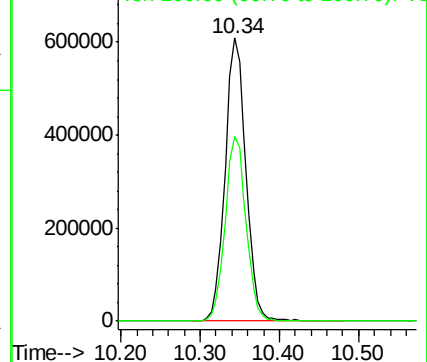
98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 51.624 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067800.D

Acq: 25 Nov 2020 21:09

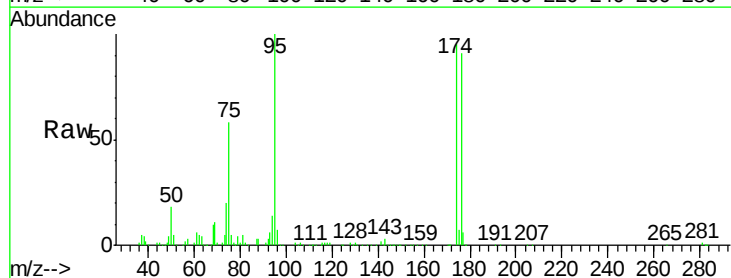
Tgt Ion: 95 Resp: 401571

Ion Ratio Lower Upper

95 100

174 93.8 0.0 182.4

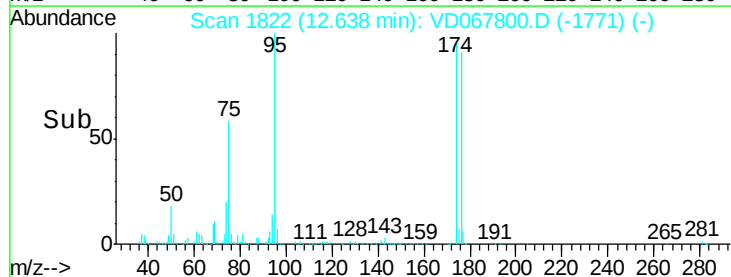
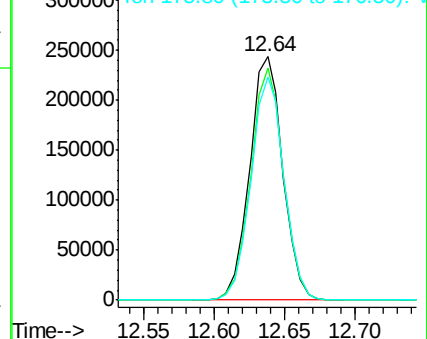
176 91.3 0.0 178.2

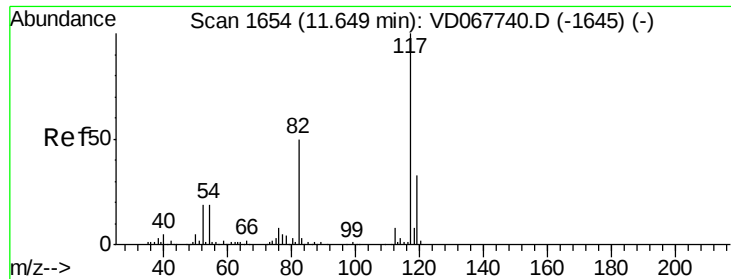


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

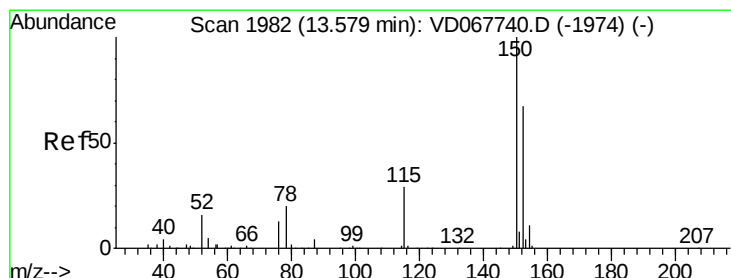
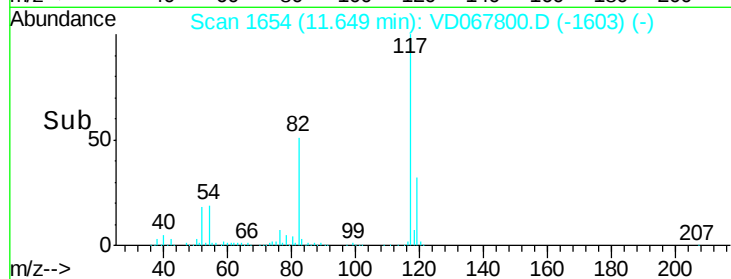
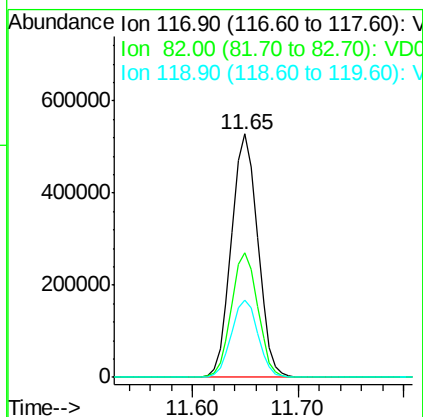
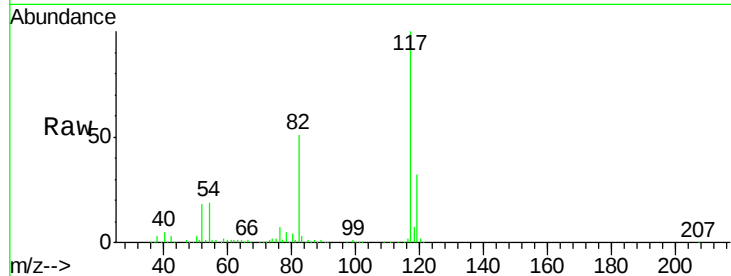




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067800.D
Acq: 25 Nov 2020 21:09

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion:117 Resp: 912263
Ion Ratio Lower Upper
117 100
82 51.2 40.2 60.4
119 31.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067800.D
Acq: 25 Nov 2020 21:09

Tgt Ion:152 Resp: 445137
Ion Ratio Lower Upper
152 100
115 59.2 29.4 88.3
150 156.6 0.0 340.6

