

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080304.D
 Acq On : 29 Nov 2023 12:09
 Operator : JC\MD
 Sample : VN1129WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBL01

Quant Time: Nov 30 04:42:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	190684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	353900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167615	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	172703	54.853	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.700%
35) Dibromofluoromethane	8.165	113	138016	52.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.700%
50) Toluene-d8	10.565	98	473983	50.353	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.853	95	184495	51.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.780%

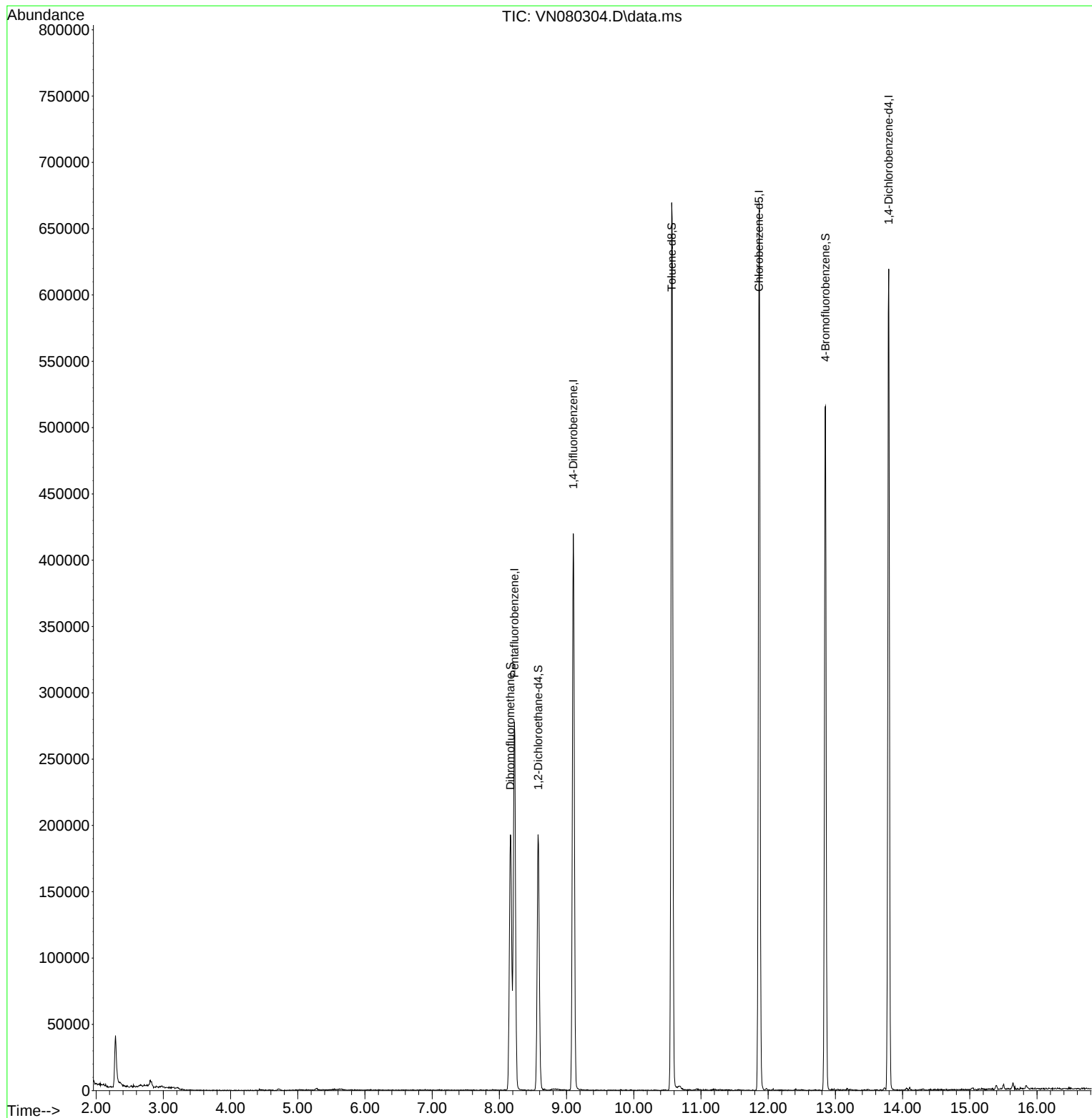
Target Compounds	Qvalue

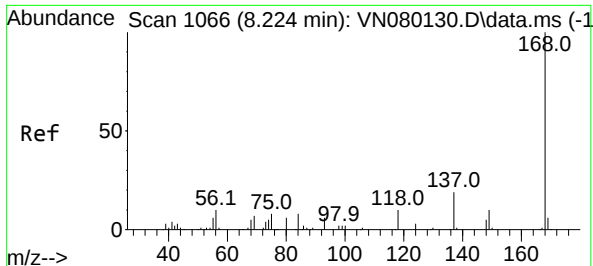
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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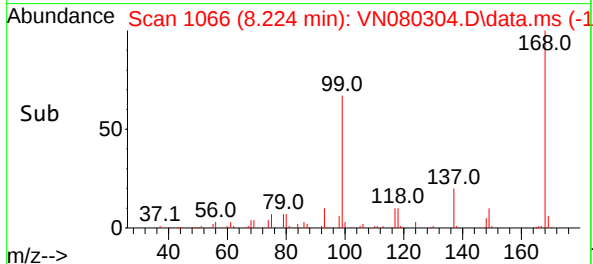
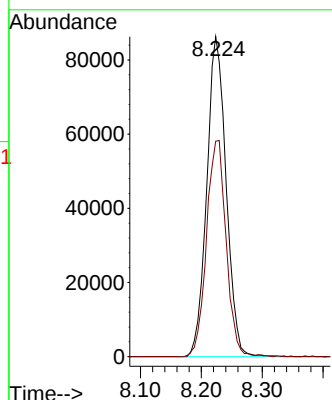
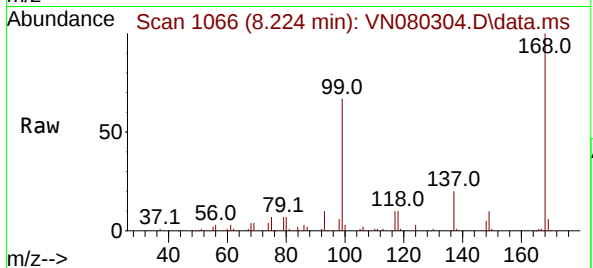




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

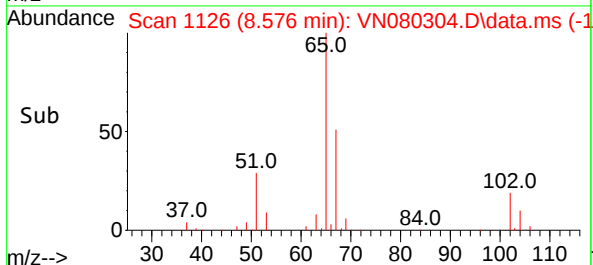
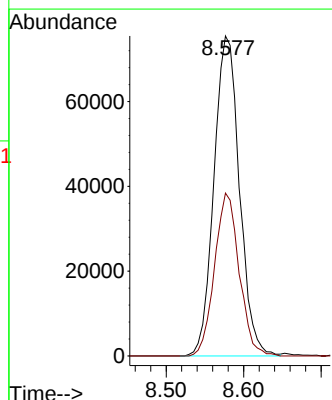
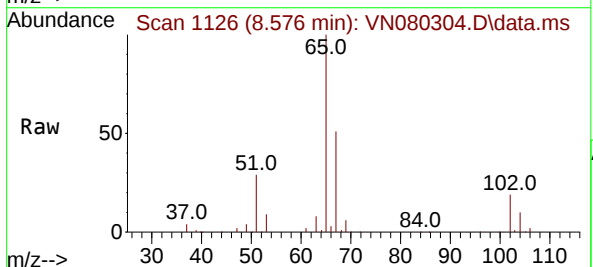
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBL01

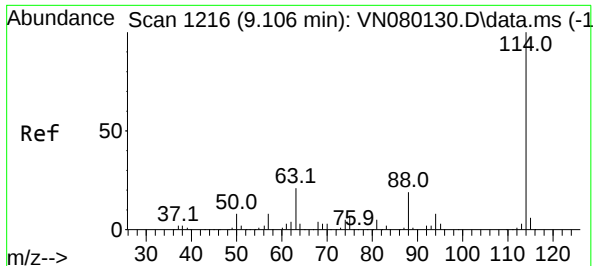
Tgt Ion:168 Resp: 190684
Ion Ratio Lower Upper
168 100
99 67.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.853 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Tgt Ion: 65 Resp: 172703
Ion Ratio Lower Upper
65 100
67 49.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080304.D

Acq: 29 Nov 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBL01

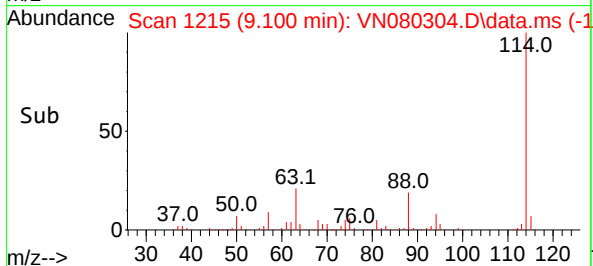
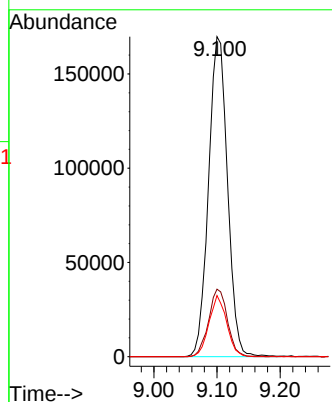
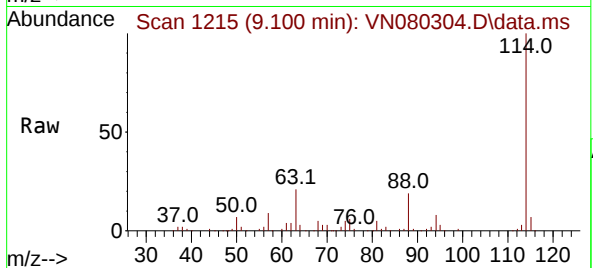
Tgt Ion:114 Resp: 353900

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 19.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.853 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080304.D

Acq: 29 Nov 2023 12:09

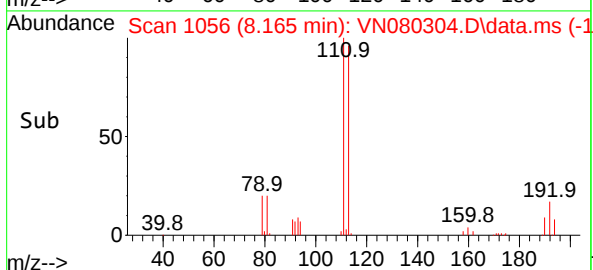
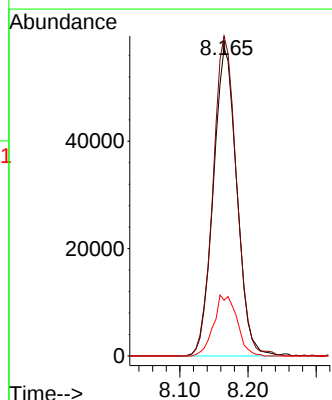
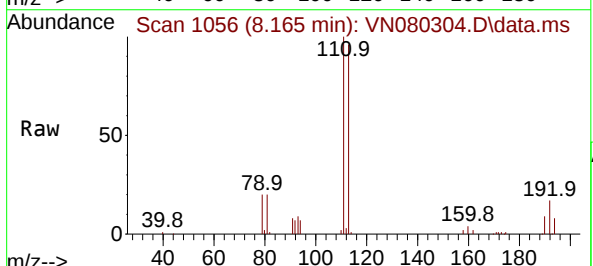
Tgt Ion:113 Resp: 138016

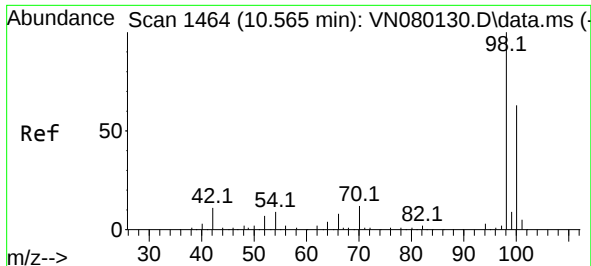
Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 19.6 12.7 19.1#

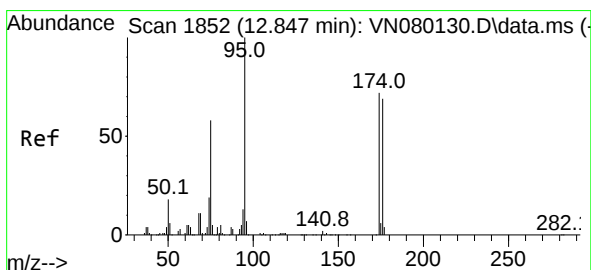
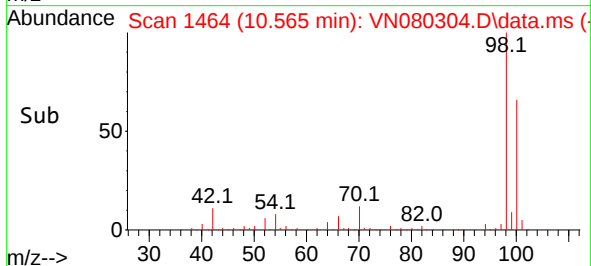
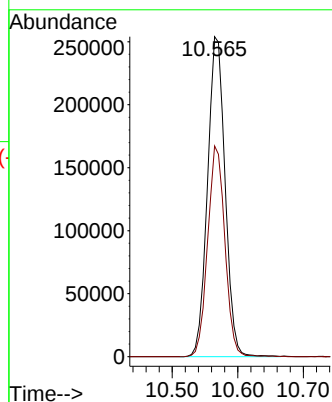
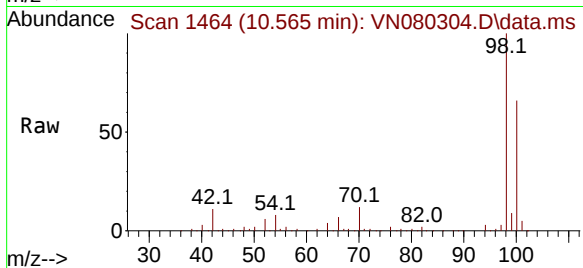




#50
Toluene-d8
Concen: 50.353 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

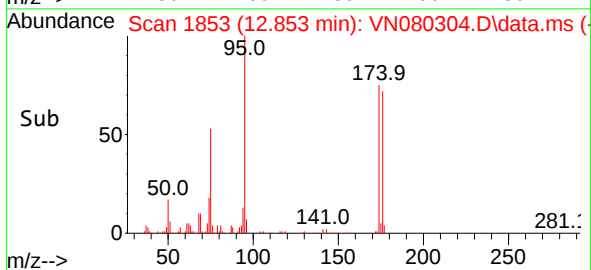
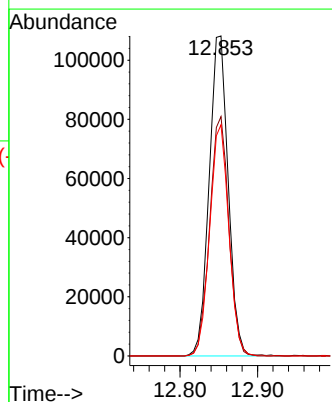
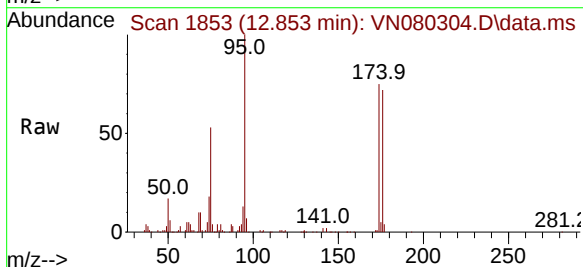
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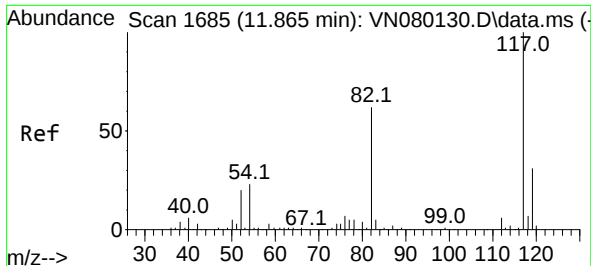
Tgt Ion: 98 Resp: 473983
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.889 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Tgt Ion: 95 Resp: 184495
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.4 0.0 135.8

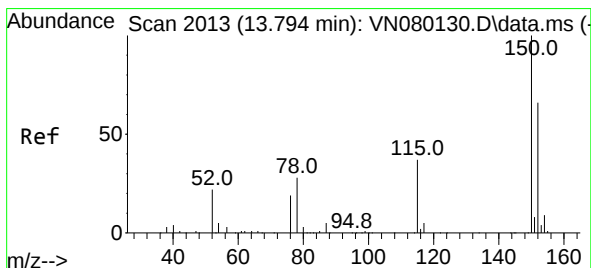
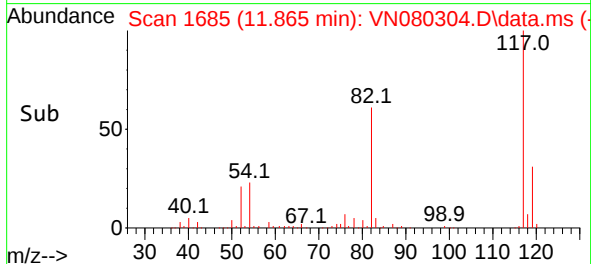
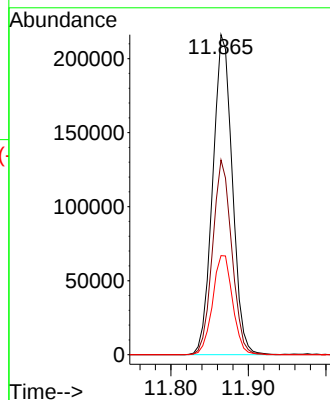
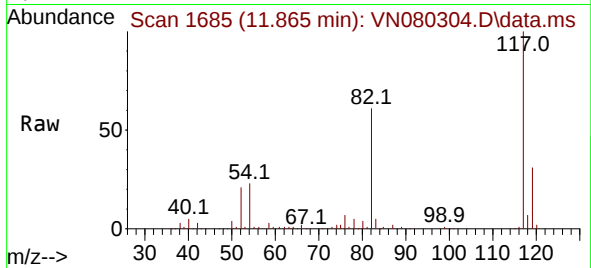




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBL01

Tgt Ion:117 Resp: 379377
Ion Ratio Lower Upper
117 100
82 60.8 44.0 66.0
119 31.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Tgt Ion:152 Resp: 167615
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 155.9 0.0 355.8

