

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080104.D
 Acq On : 15 Nov 2023 12:28
 Operator : JC\MD
 Sample : VN1115WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBL02

Quant Time: Nov 15 21:49:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	194852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	358326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	364493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156771	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162401	54.706	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.420%
35) Dibromofluoromethane	8.165	113	131819	51.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.960%
50) Toluene-d8	10.565	98	448165	48.003	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.853	95	171822	55.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.980%

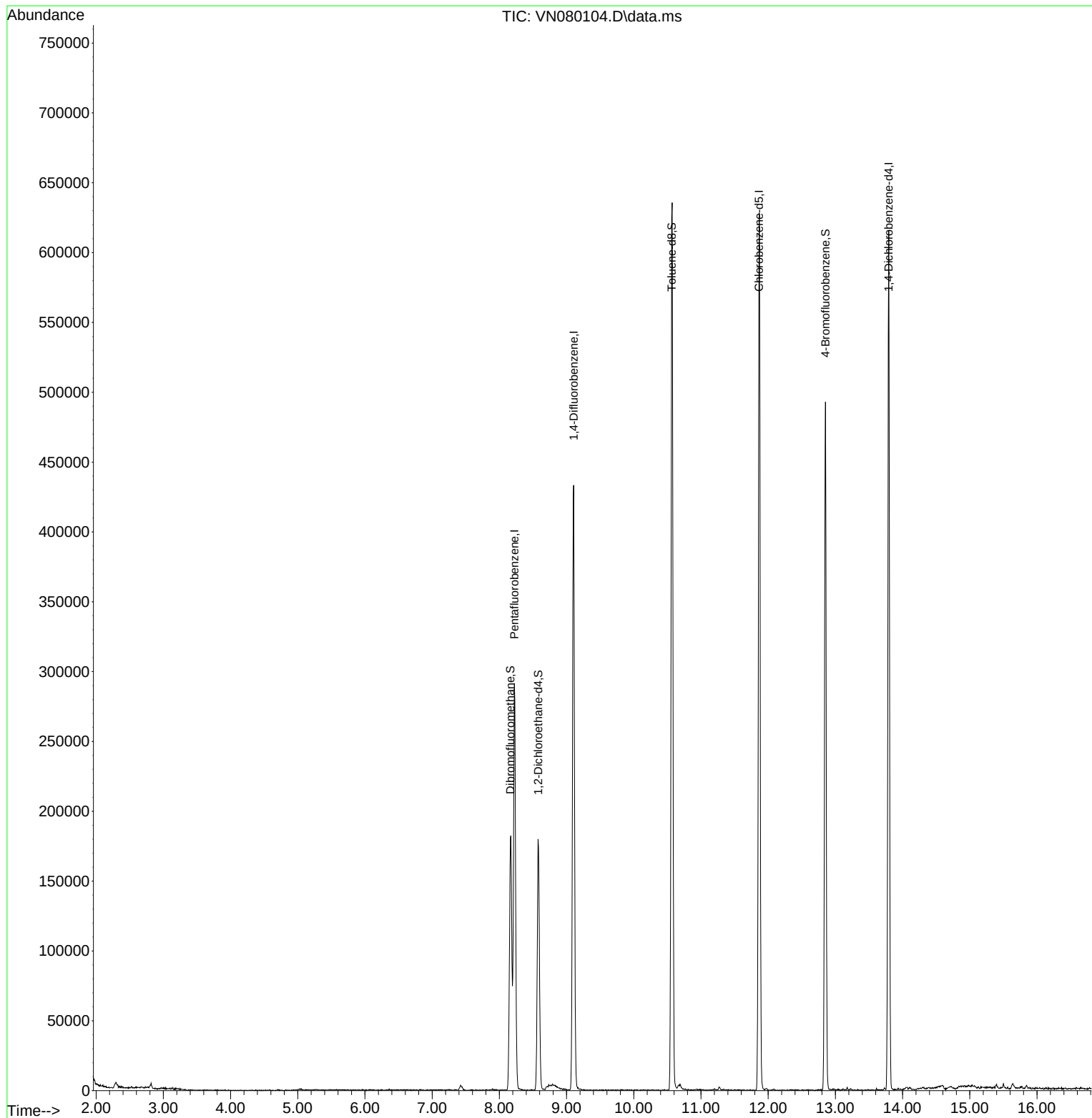
Target Compounds	Qvalue

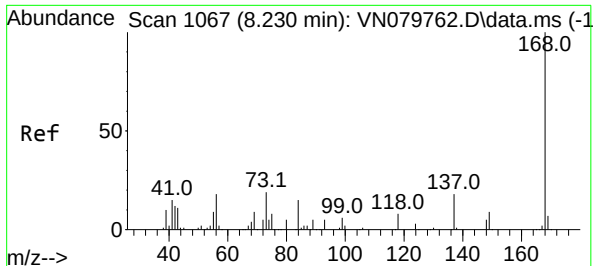
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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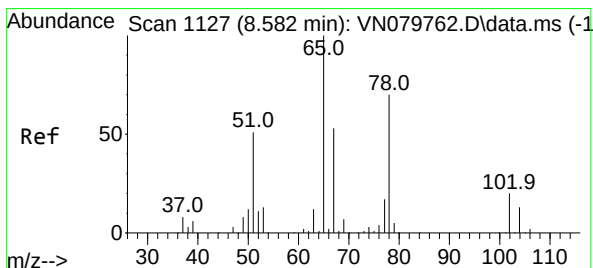
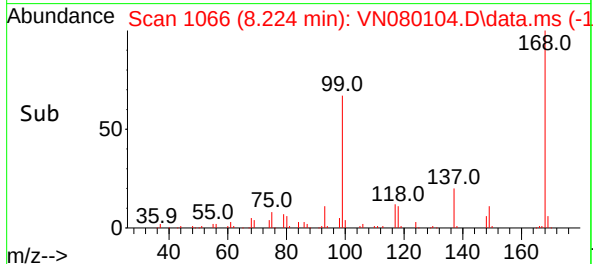
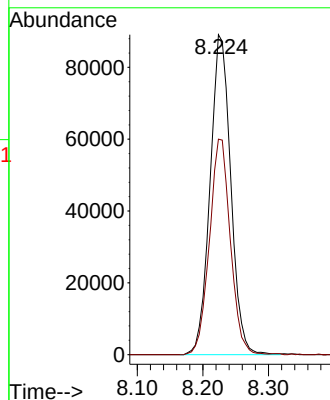
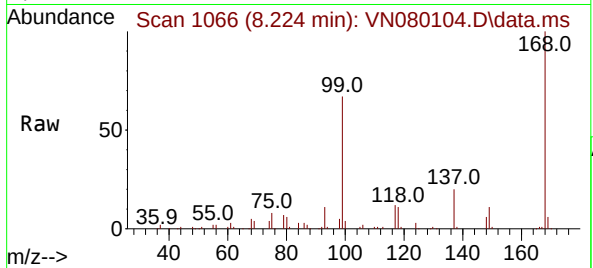




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

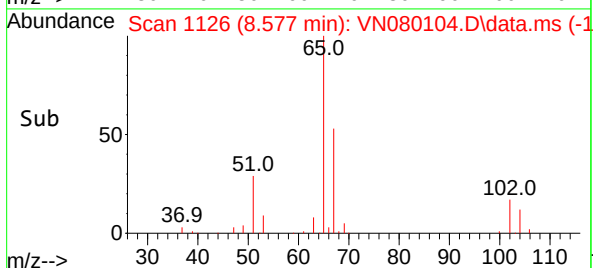
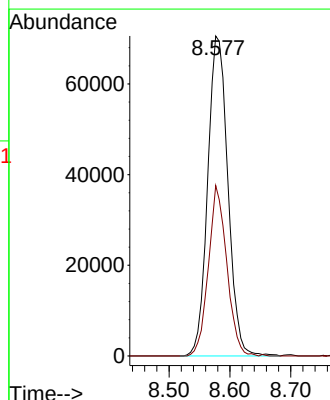
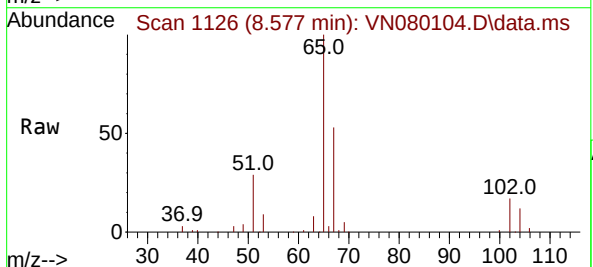
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBL02

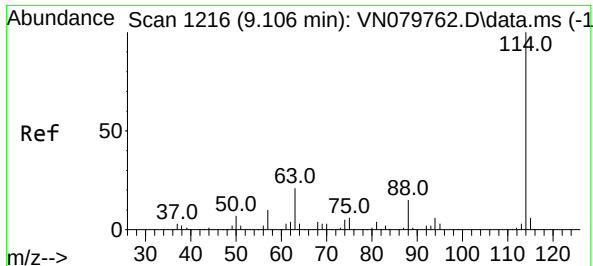
Tgt Ion:168 Resp: 194852
Ion Ratio Lower Upper
168 100
99 67.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.706 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

Tgt Ion: 65 Resp: 162401
Ion Ratio Lower Upper
65 100
67 48.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080104.D

Acq: 15 Nov 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBL02

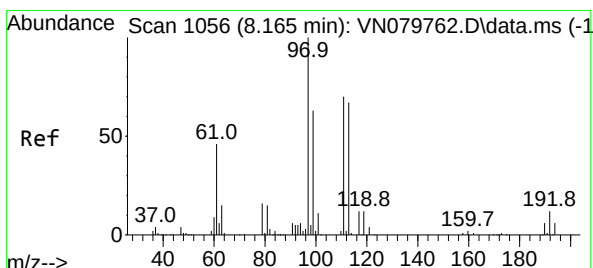
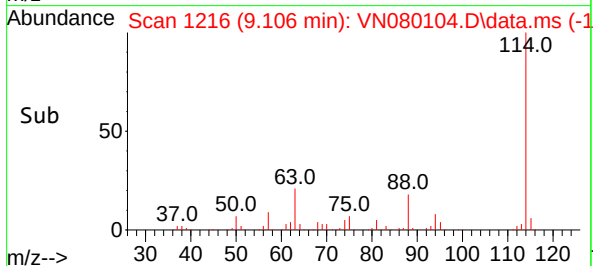
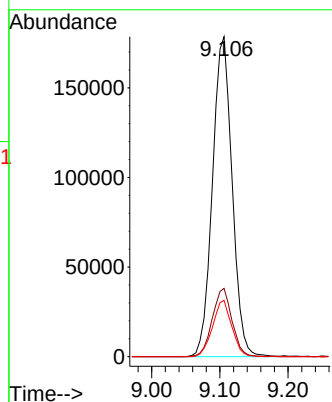
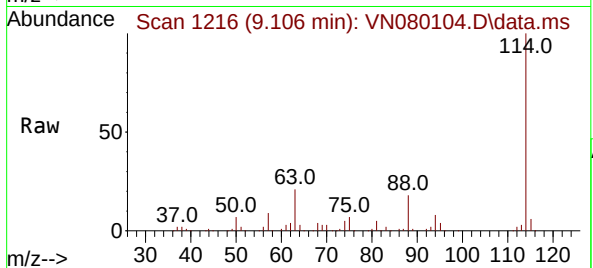
Tgt Ion:114 Resp: 358326

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.977 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080104.D

Acq: 15 Nov 2023 12:28

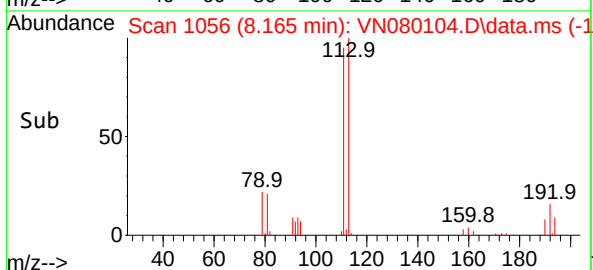
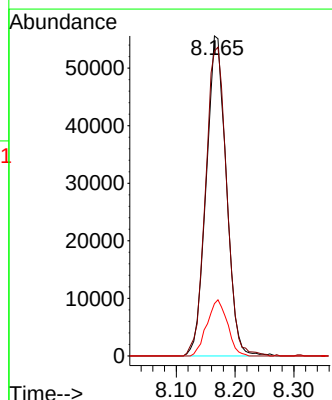
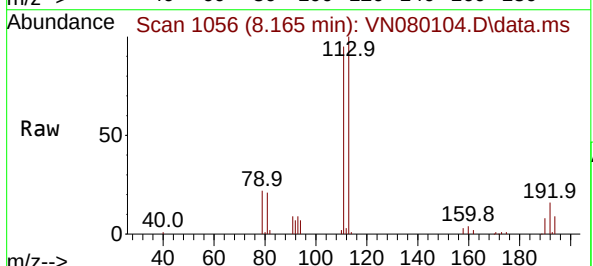
Tgt Ion:113 Resp: 131819

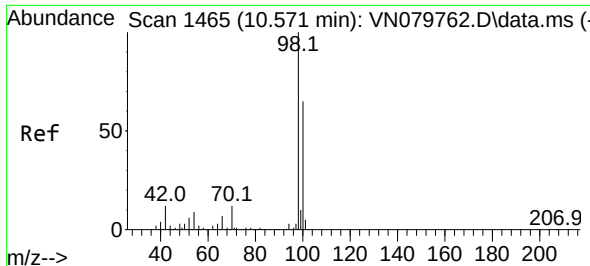
Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

192 17.9 12.7 19.1

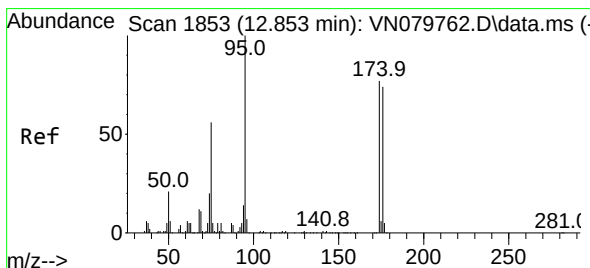
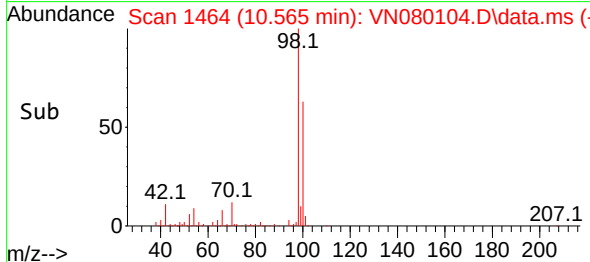
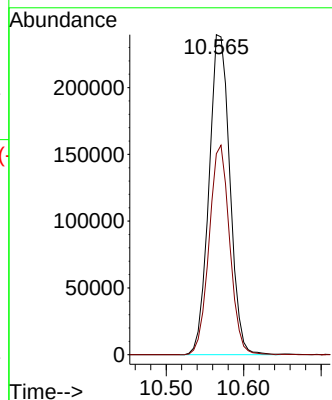
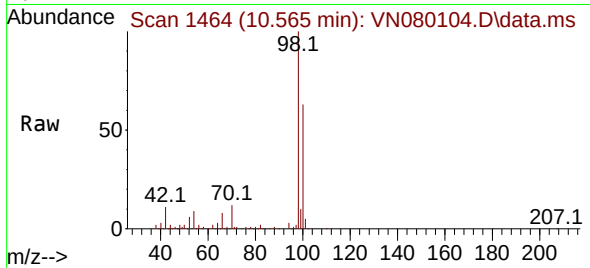




#50
Toluene-d8
Concen: 48.003 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

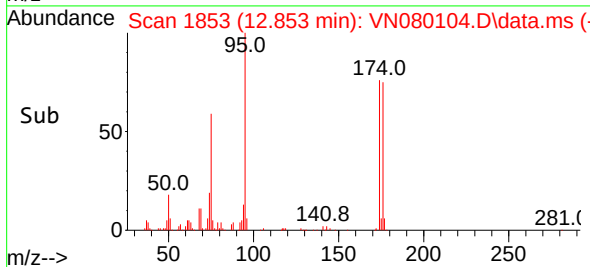
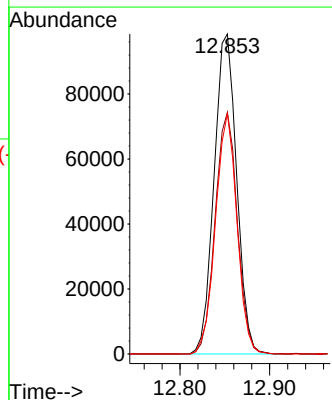
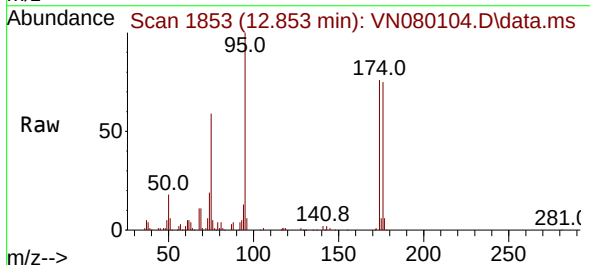
Instrument :
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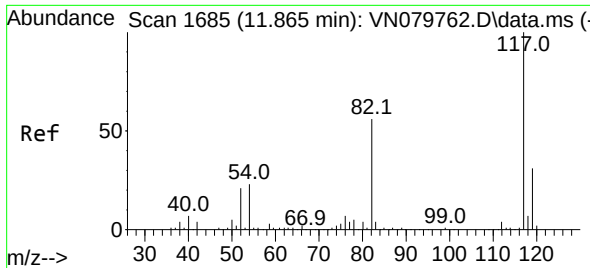
Tgt Ion: 98 Resp: 448165
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.491 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

Tgt Ion: 95 Resp: 171822
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 71.4 0.0 135.8

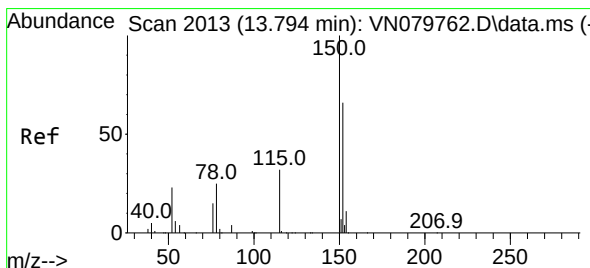
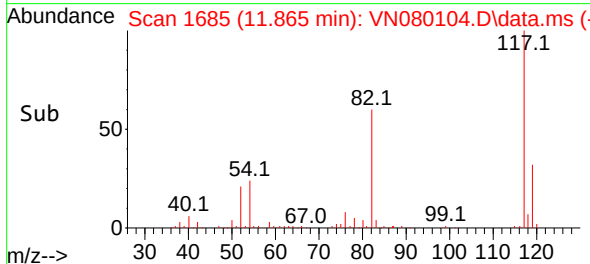
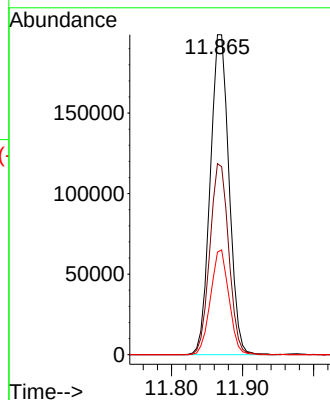
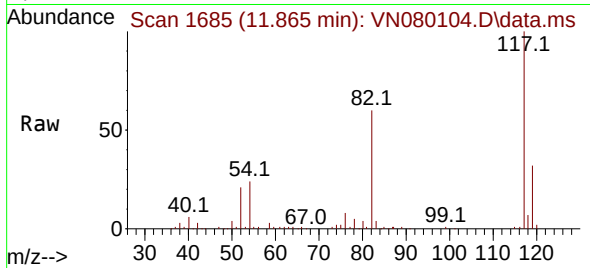




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBL02

Tgt Ion:117 Resp: 364493
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 32.1 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: VN080104.D
Acq: 15 Nov 2023 12:28

Tgt Ion:152 Resp: 156771
Ion Ratio Lower Upper
152 100
115 67.5 32.3 96.8
150 159.0 0.0 355.8

